

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020238.D
 Acq On : 10 May 2019 12:51
 Operator : JU/SJ
 Sample : PB119565BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Quant Time: May 11 01:47:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	64975	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	283852	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	196690	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	511678	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	560312	20.00	ng	-0.01
87) Perylene-d12	23.64	264	578195	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	637549	160.39	ng	-0.01
7) Phenol-d6	6.95	99	899589	165.66	ng	0.00
23) Nitrobenzene-d5	8.95	82	523098	72.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	466790	152.90	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1148445	71.84	ng	-0.02
79) Terphenyl-d14	19.80	244	2432546	75.72	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	60057	30.806	ng	98
3) Pyridine	3.69	79	164555	33.003	ng	96
4) n-Nitrosodimethylamine	3.61	42	55031	34.419	ng	# 66
6) Aniline	7.11	93	251249	36.754	ng	99
8) 2-Chlorophenol	7.34	128	196758	45.460	ng	99
9) Benzaldehyde	6.93	77	121032	29.447	ng	95
10) Phenol	6.97	94	278961	47.718	ng	91
11) bis(2-Chloroethyl)ether	7.21	93	181516	42.720	ng	95
12) 1,3-Dichlorobenzene	7.66	146	186718	37.078	ng	96
13) 1,4-Dichlorobenzene	7.81	146	193362	38.010	ng	95
14) 1,2-Dichlorobenzene	8.12	146	189172	39.032	ng	99
15) Benzyl Alcohol	8.02	79	221227	42.248	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	140484	39.873	ng	98
17) 2-Methylphenol	8.22	107	182761	48.564	ng	95
18) Hexachloroethane	8.84	117	75490	35.589	ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	193378	41.623	ng	94
20) 3+4-Methylphenols	8.55	107	247063	49.397	ng	95
22) Acetophenone	8.60	105	301749	38.897	ng	# 96
24) Nitrobenzene	8.99	77	277152	37.179	ng	95
25) Isophorone	9.50	82	499453	40.283	ng	98
26) 2-Nitrophenol	9.69	139	106726	47.422	ng	89
27) 2,4-Dimethylphenol	9.74	122	191922	51.223	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	274003	40.577	ng	99
29) 2,4-Dichlorophenol	10.22	162	211885	44.847	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	218767	37.631	ng	98
31) Naphthalene	10.62	128	574653	39.012	ng	99
32) Benzoic acid	9.90	122	120360	45.541	ng	93
33) 4-Chloroaniline	10.74	127	162291	26.769	ng	95
34) Hexachlorobutadiene	10.88	225	138208	33.607	ng	96
35) Caprolactam	11.55	113	39430	27.911	ng	96
36) 4-Chloro-3-methylphenol	11.86	107	246230	44.349	ng	98
37) 2-Methylnaphthalene	12.23	142	459160	42.757	ng	96
38) 1-Methylnaphthalene	12.45	142	439717	41.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	275591	35.813	ng	99

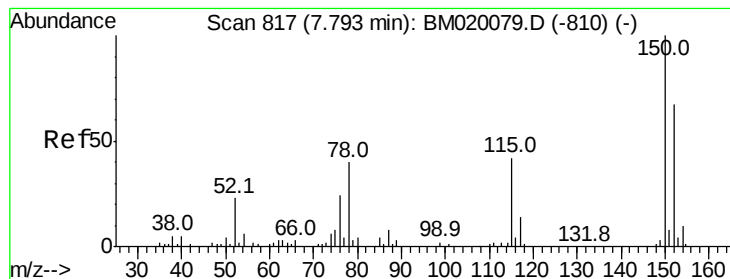
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020238.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	333238	73.546	ng	96
43) 2,4,6-Trichlorophenol	12.85	196	196078	44.834	ng	97
44) 2,4,5-Trichlorophenol	12.92	196	210197	43.023	ng	97
46) 1,1'-Biphenyl	13.25	154	619432	38.261	ng	99
47) 2-Chloronaphthalene	13.29	162	493825	38.204	ng	99
48) 2-Nitroaniline	13.51	65	185864	40.389	ng	91
49) Acenaphthylene	14.15	152	795293	38.445	ng	99
50) Dimethylphthalate	13.88	163	668452	39.986	ng	100
51) 2,6-Dinitrotoluene	14.01	165	146838	41.704	ng	90
52) Acenaphthene	14.49	154	462326	38.972	ng	98
53) 3-Nitroaniline	14.35	138	106966	32.732	ng	97
54) 2,4-Dinitrophenol	14.55	184	193901	106.772	ng	89
55) Dibenzofuran	14.82	168	789186	39.440	ng	97
56) 4-Nitrophenol	14.65	139	247446	88.748	ng	85
57) 2,4-Dinitrotoluene	14.80	165	211198	44.143	ng	92
58) Fluorene	15.47	166	656248	39.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	207485	44.689	ng	97
60) Diethylphthalate	15.24	149	675103	40.084	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	369178	39.648	ng	96
62) 4-Nitroaniline	15.51	138	135916	37.687	ng	94
63) Azobenzene	15.76	77	732981	36.890	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	120045	46.722	ng	96
66) n-Nitrosodiphenylamine	15.69	169	586347	38.943	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	230925	36.804	ng	98
68) Hexachlorobenzene	16.46	284	268335	37.164	ng	98
69) Atrazine	16.64	200	225276	38.286	ng	98
70) Pentachlorophenol	16.82	266	355786	86.122	ng	96
71) Phenanthrene	17.22	178	1084726	38.404	ng	99
72) Anthracene	17.30	178	1113316	39.423	ng	99
73) Carbazole	17.58	167	986490	38.714	ng	99
74) Di-n-butylphthalate	18.13	149	1193597	38.923	ng	98
75) Fluoranthene	19.23	202	1403265	39.266	ng	99
77) Benzidine	19.43	184	608142	33.949	ng	99
78) Pyrene	19.60	202	1440471	38.291	ng	99
80) Butylbenzylphthalate	20.49	149	581699	42.521	ng	98
81) Benzo(a)anthracene	21.34	228	1472612	37.476	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	496119	33.080	ng	99
83) Chrysene	21.40	228	1462385	38.374	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	855623	40.306	ng	100
85) Di-n-octyl phthalate	22.15	149	1502183	42.576	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1795177	39.603	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1615999	42.325	ng	100
89) Benzo(k)fluoranthene	23.00	252	1516390	43.539	ng	99
90) Benzo(a)pyrene	23.55	252	1534724	44.253	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1555578	43.131	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1450059	42.348	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

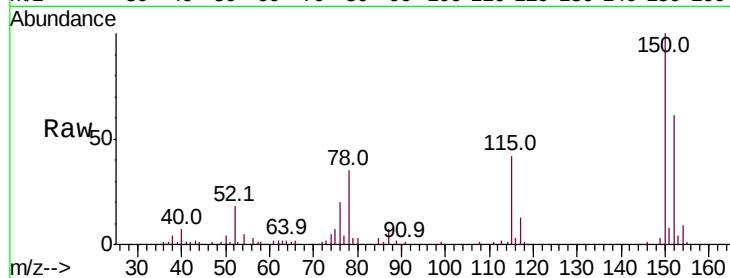


#1

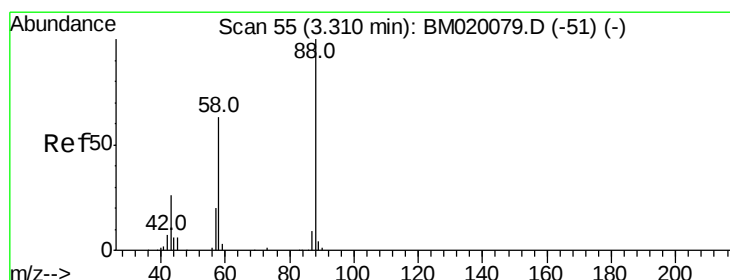
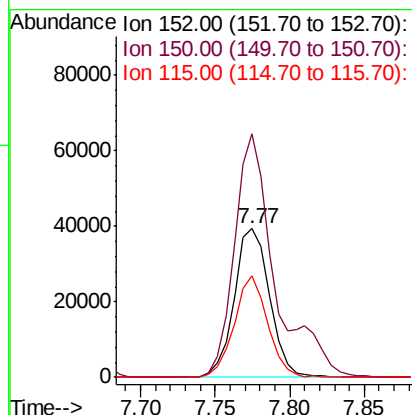
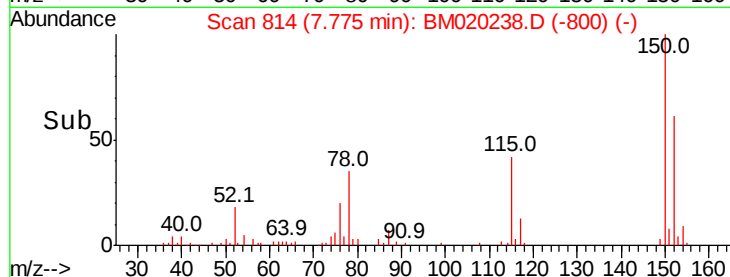
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:152 Resp: 64975
Ion Ratio Lower Upper
152 100
150 164.1 119.8 179.8
115 68.5 50.8 76.2



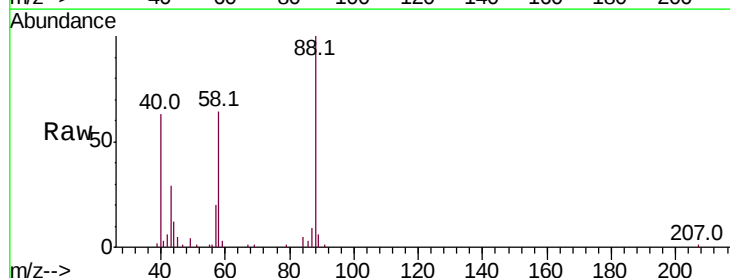
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



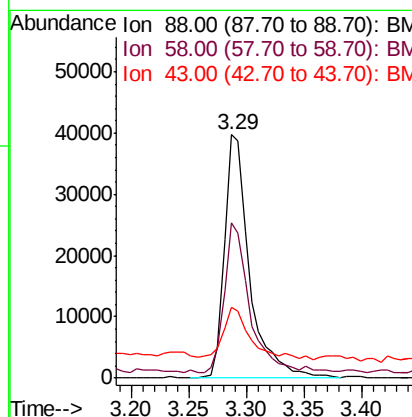
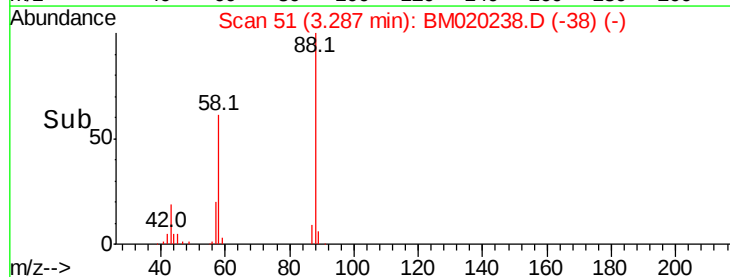
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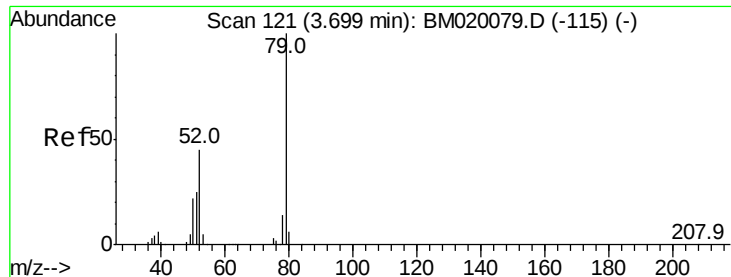
1,4-Dioxane
Concen: 30.806 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion: 88 Resp: 60057
Ion Ratio Lower Upper
88 100
58 63.4 51.8 77.6
43 23.8 20.3 30.5



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.003 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

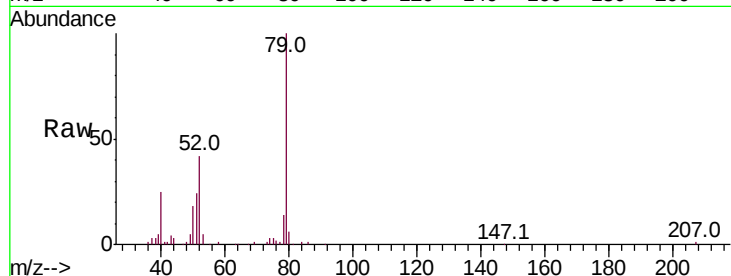
Tot Ion: 79 Resp: 164555

Ion Ratio Lower Upper

79 100

52 41.9 35.7 53.5

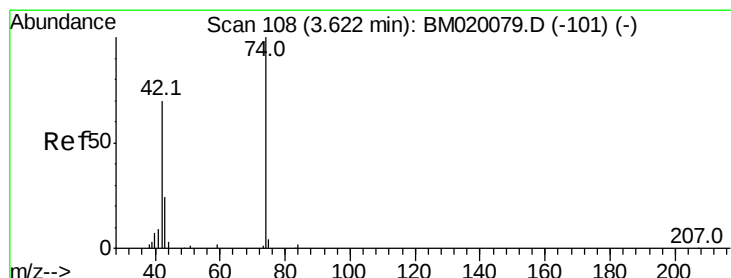
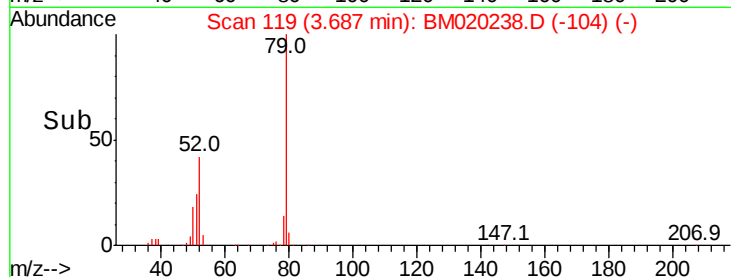
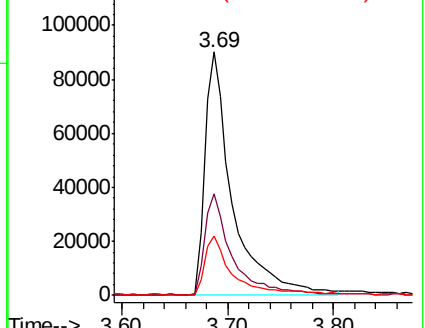
51 24.2 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 34.419 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

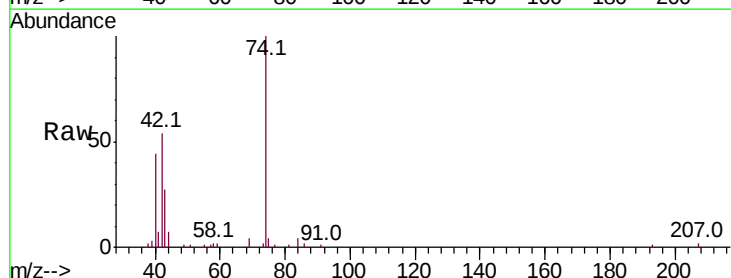
Tgt Ion: 42 Resp: 55031

Ion Ratio Lower Upper

42 100

74 184.2 113.7 170.5#

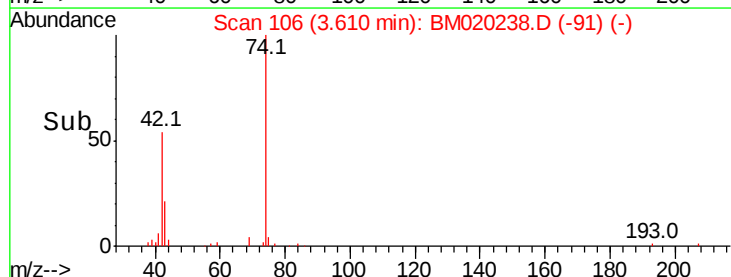
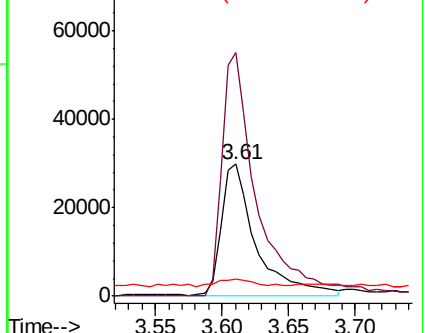
44 13.1 3.9 5.9#

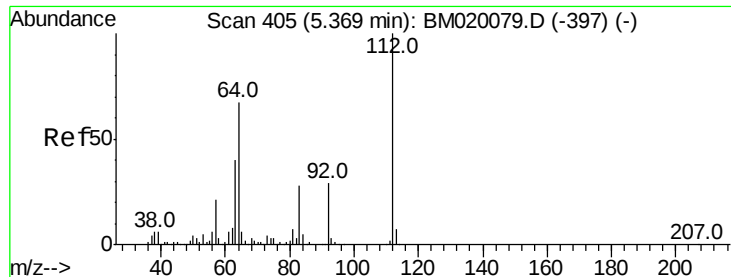


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#5

2-Fluorophenol

Concen: 160.390 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

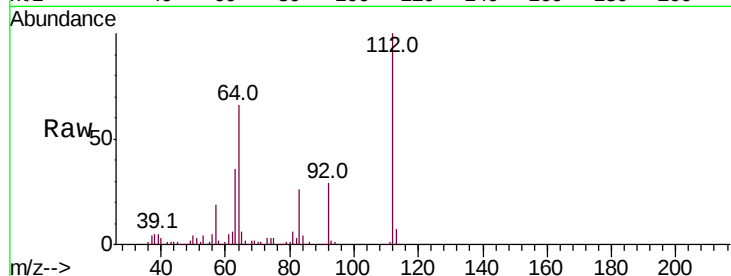
Tot Ion:112 Resp: 637549

Ion Ratio Lower Upper

112 100

64 65.8 53.8 80.6

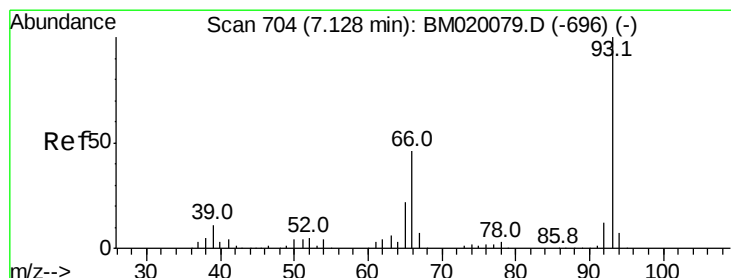
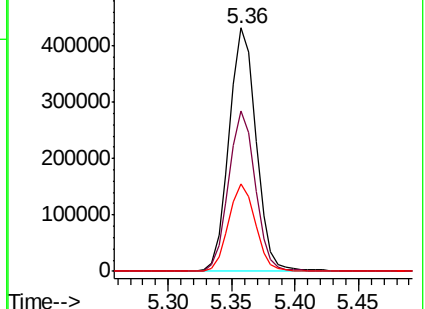
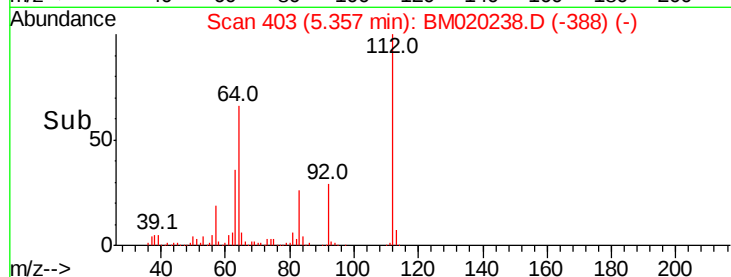
63 36.2 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 36.754 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

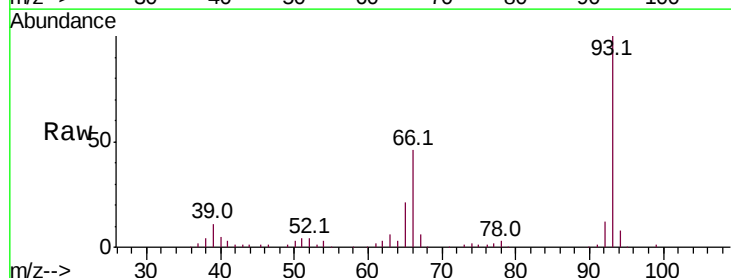
Tgt Ion: 93 Resp: 251249

Ion Ratio Lower Upper

93 100

66 45.5 36.6 54.8

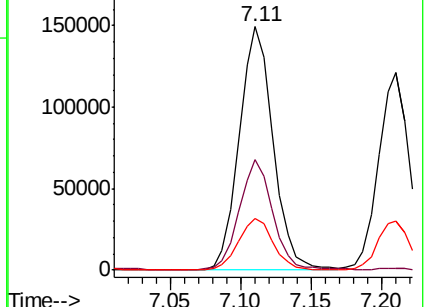
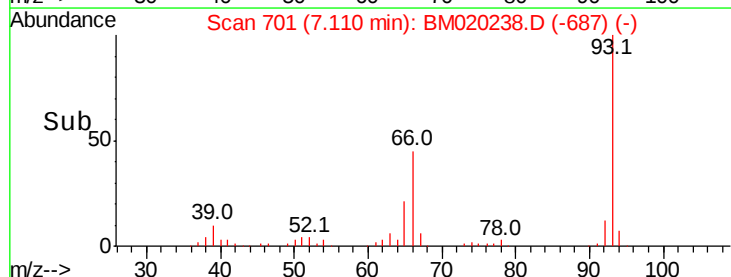
65 21.0 17.8 26.6

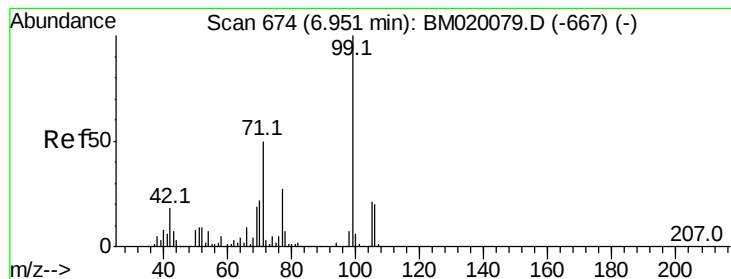


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 165.658 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

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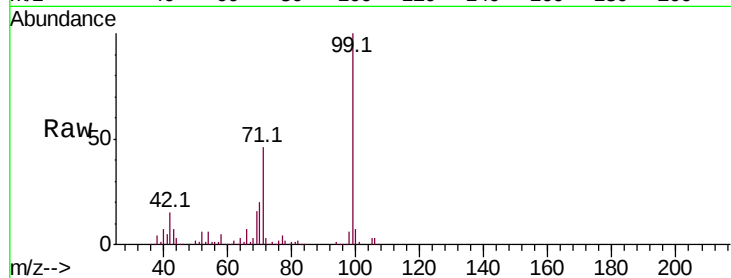
Tot Ion: 99 Resp: 899589

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

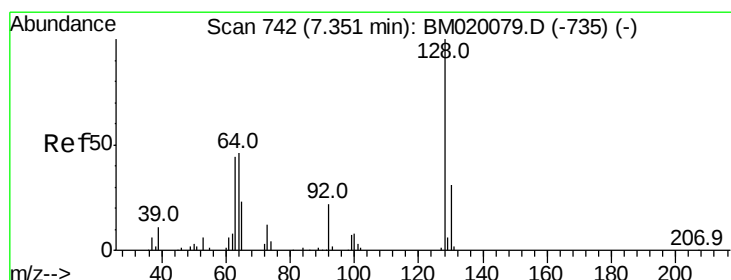
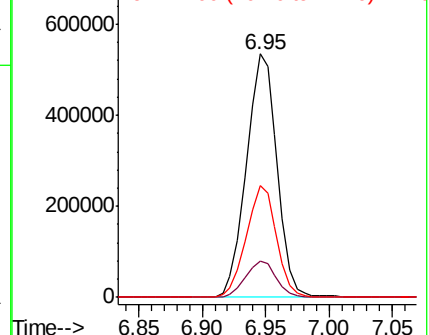
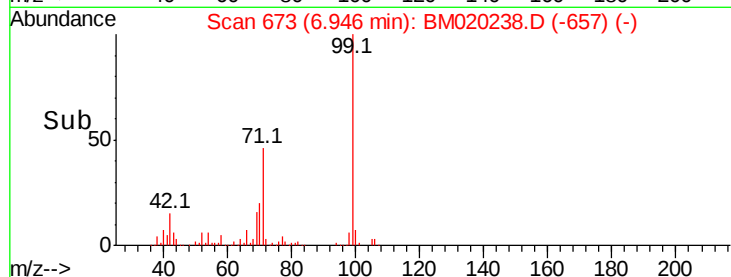
71 46.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 45.460 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

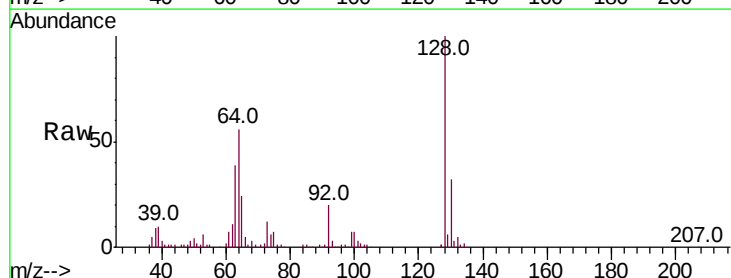
Tgt Ion: 128 Resp: 196758

Ion Ratio Lower Upper

128 100

130 32.0 10.8 50.8

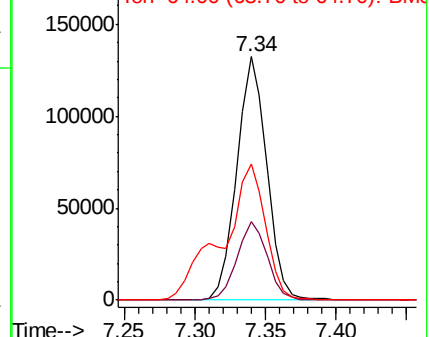
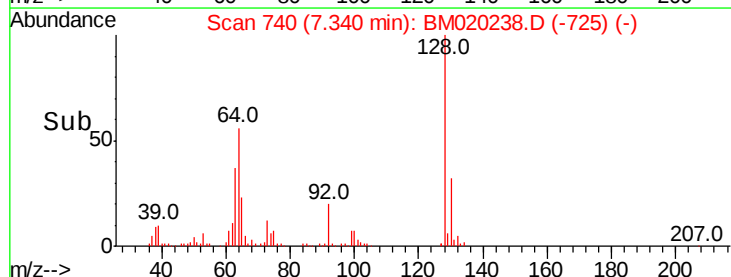
64 55.9 36.5 76.5

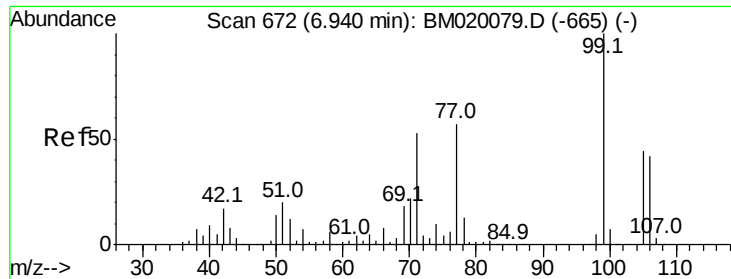


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 29.447 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

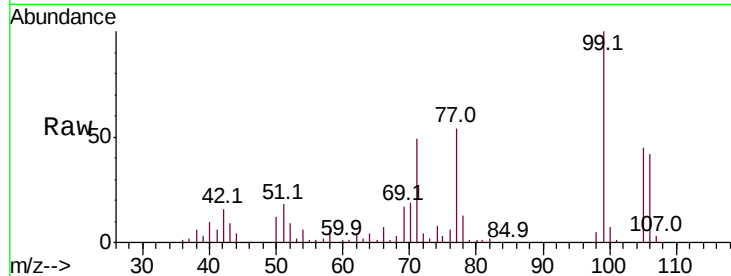
Tot Ion: 77 Resp: 121032

Ion Ratio Lower Upper

77 100

105 82.7 57.8 97.8

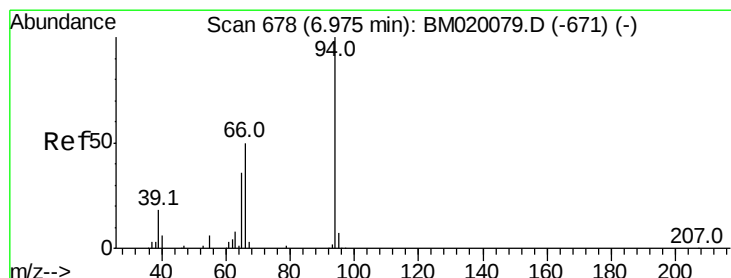
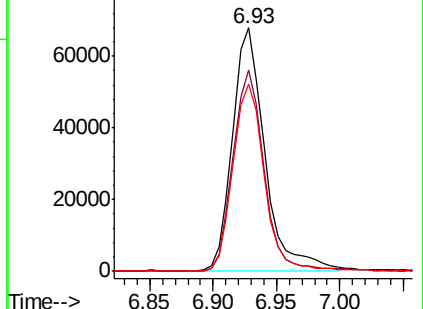
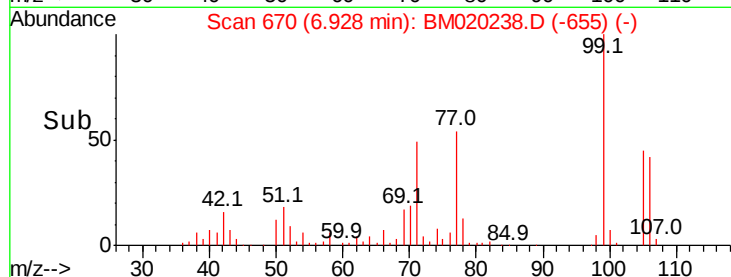
106 76.8 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020238.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020238.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020238.D (-665) (-)



#10

Phenol

Concen: 47.718 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

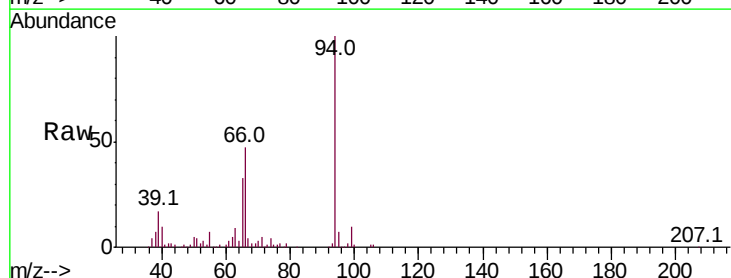
Tgt Ion: 94 Resp: 278961

Ion Ratio Lower Upper

94 100

65 33.2 17.0 57.0

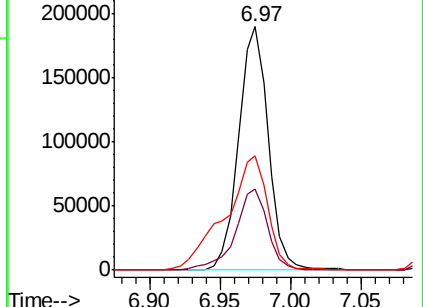
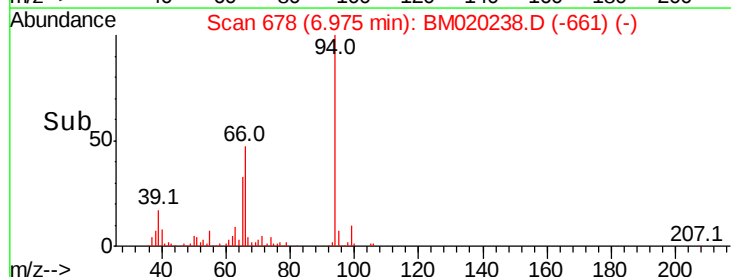
66 47.2 34.5 74.5

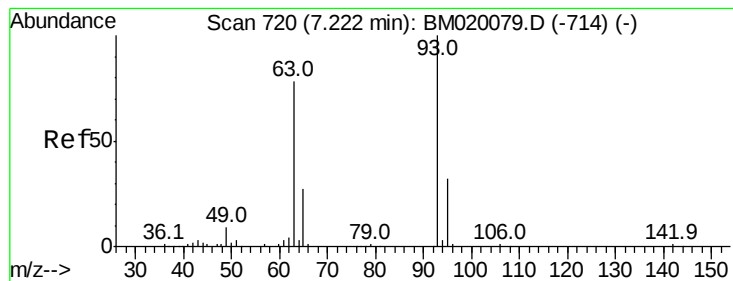


Abundance Ion 94.00 (93.70 to 94.70): BM020238.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020238.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020238.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 42.720 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

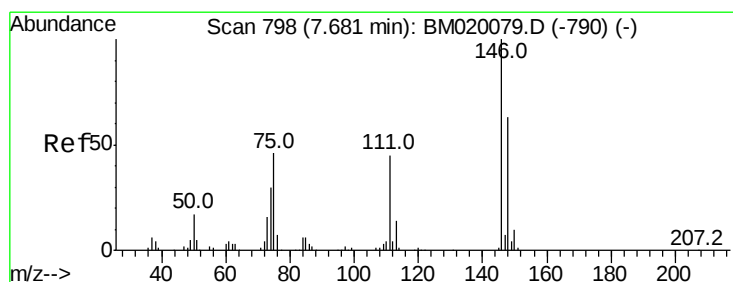
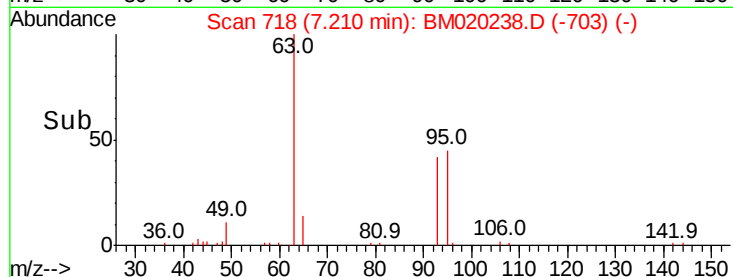
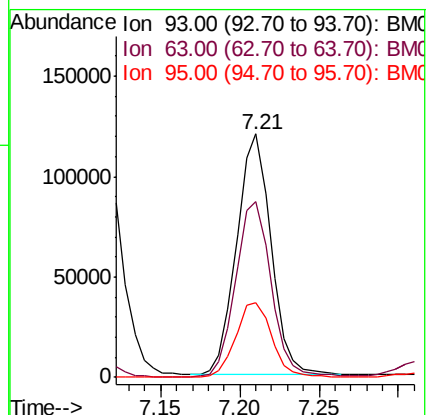
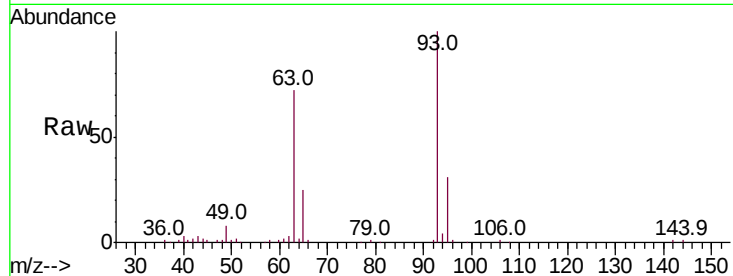
Tot Ion: 93 Resp: 181516

Ion Ratio Lower Upper

93 100

63 72.3 57.9 97.9

95 30.8 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 37.078 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

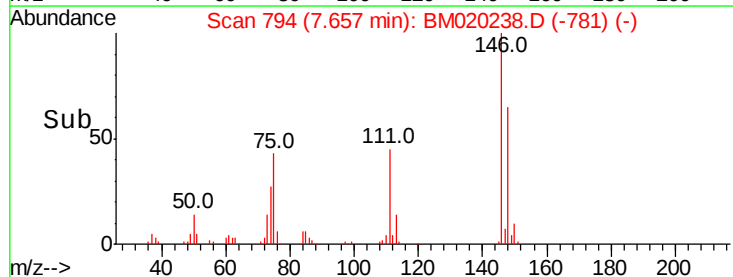
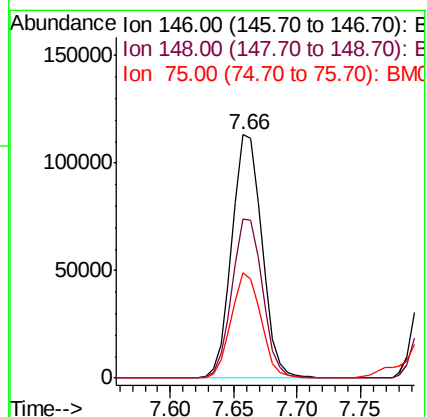
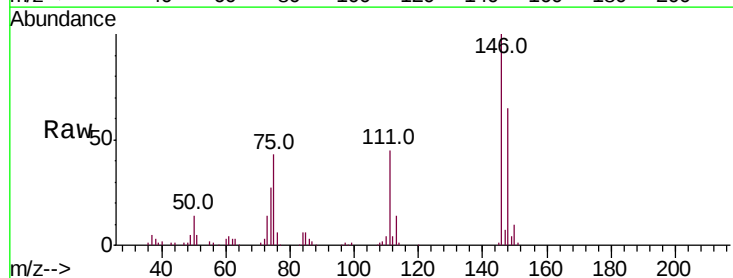
Tgt Ion: 146 Resp: 186718

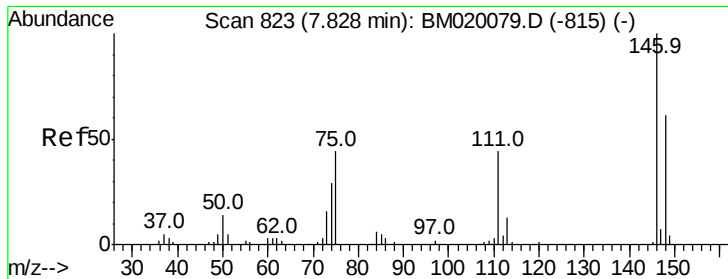
Ion Ratio Lower Upper

146 100

148 65.1 50.1 75.1

75 43.1 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 38.010 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

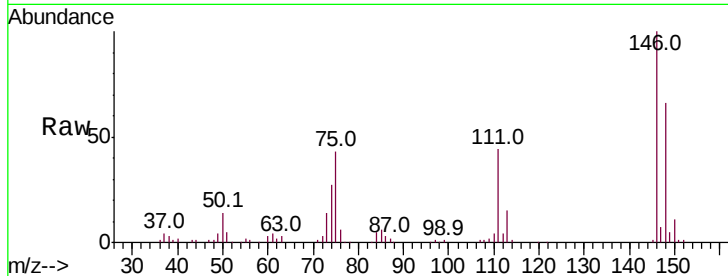
Tot Ion:146 Resp: 193362

Ion Ratio Lower Upper

146 100

148 66.4 48.5 72.7

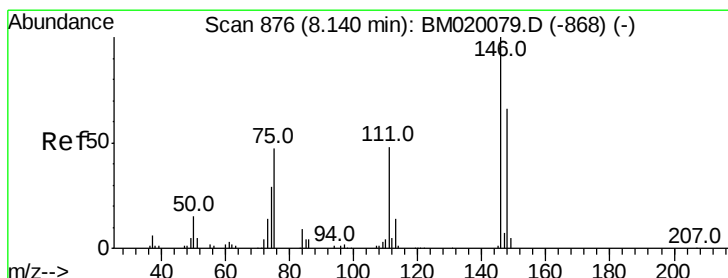
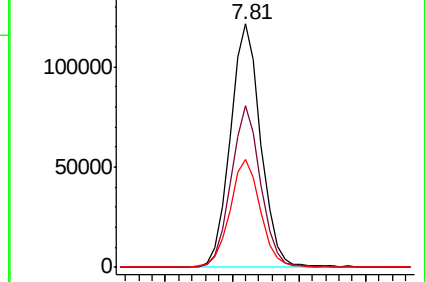
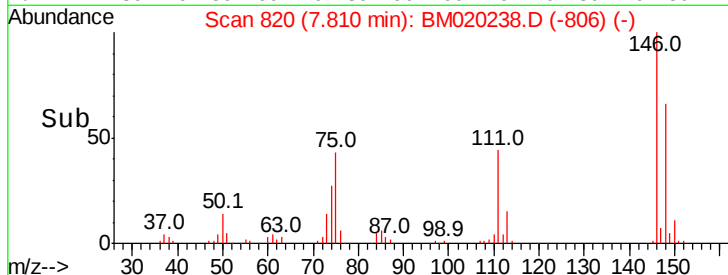
111 44.4 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.032 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

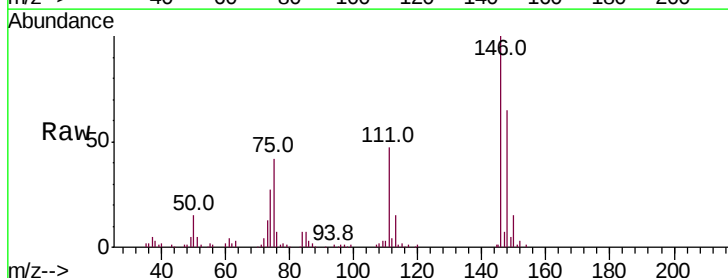
Tgt Ion:146 Resp: 189172

Ion Ratio Lower Upper

146 100

148 65.1 52.6 79.0

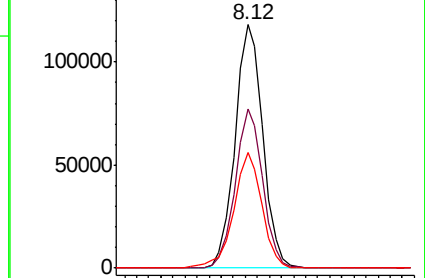
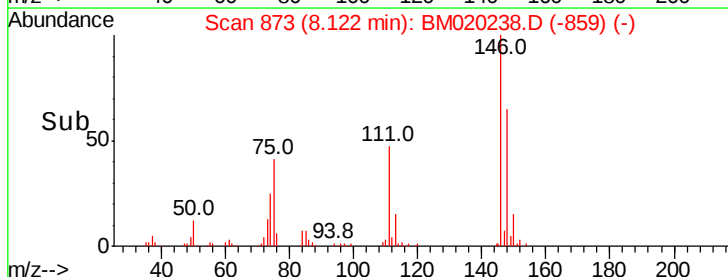
111 47.3 39.0 58.4

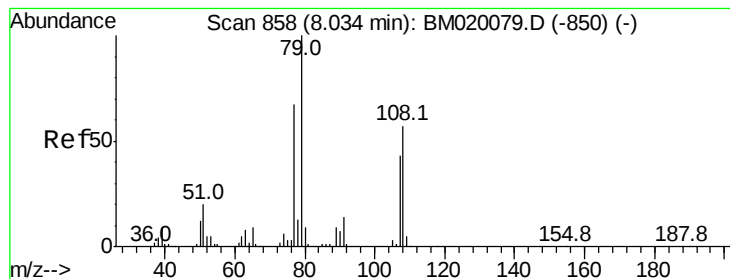


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.248 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

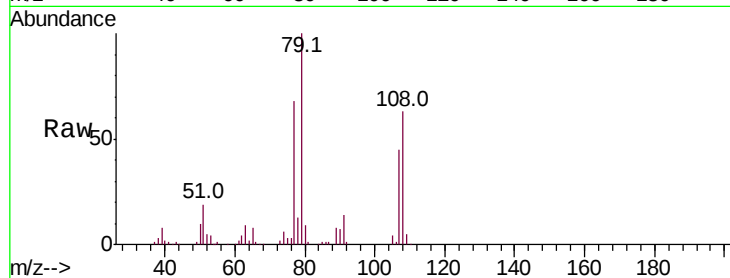
Tot Ion: 79 Resp: 221227

Ion Ratio Lower Upper

79 100

108 62.6 46.0 69.0

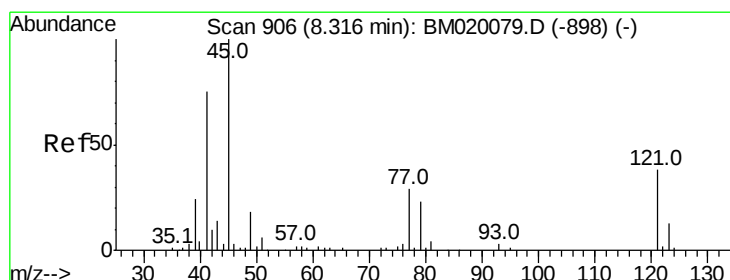
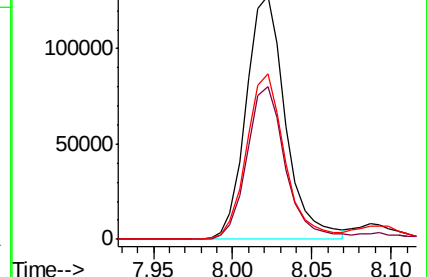
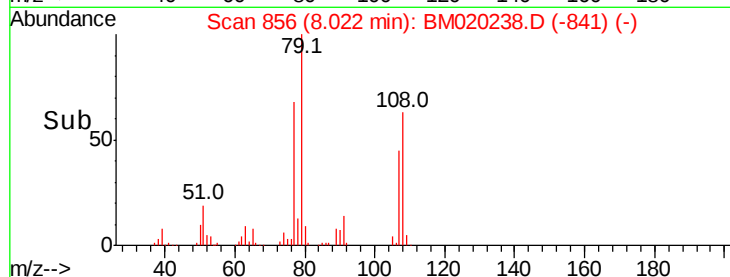
77 67.8 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020238.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020238.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020238.D (-841) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.873 ng

RT: 8.29 min Scan# 902

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

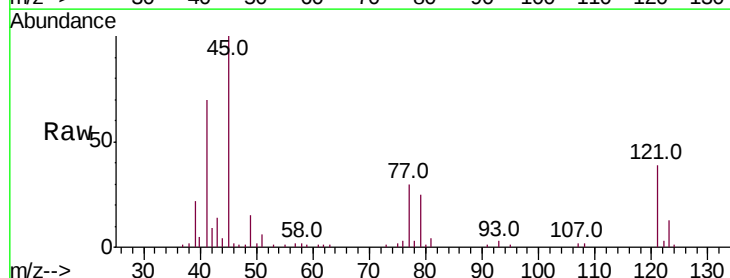
Tgt Ion: 45 Resp: 140484

Ion Ratio Lower Upper

45 100

77 30.2 10.5 50.5

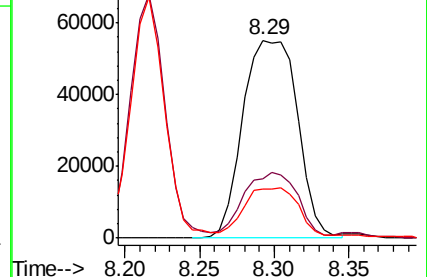
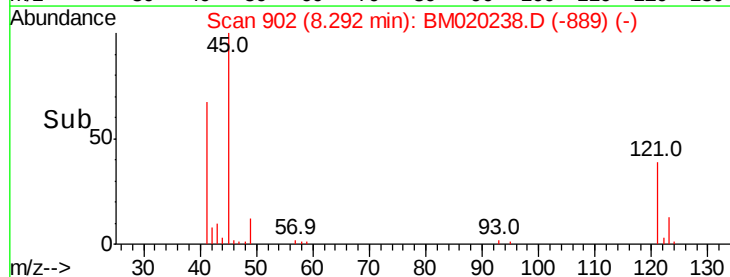
79 24.7 3.3 43.3

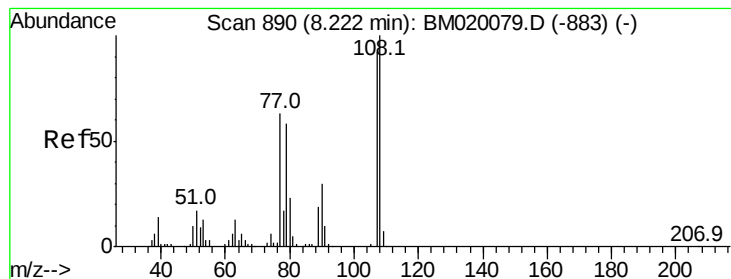


Abundance Ion 45.00 (44.70 to 45.70): BM020238.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020238.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020238.D (-889) (-)





#17

2-Methylphenol

Concen: 48.564 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion:107 Resp: 182761

Ion Ratio Lower Upper

107 100

108 110.9 87.0 130.4

77 60.2 54.7 82.1

79 59.5 50.1 75.1

Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

150000

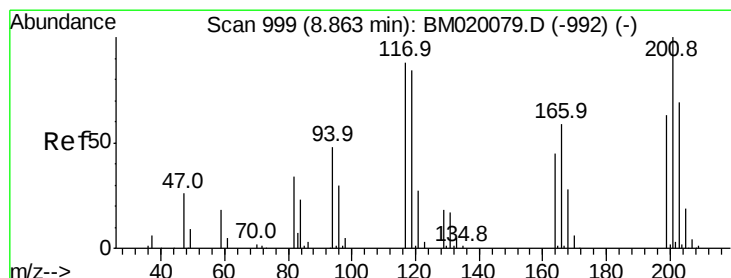
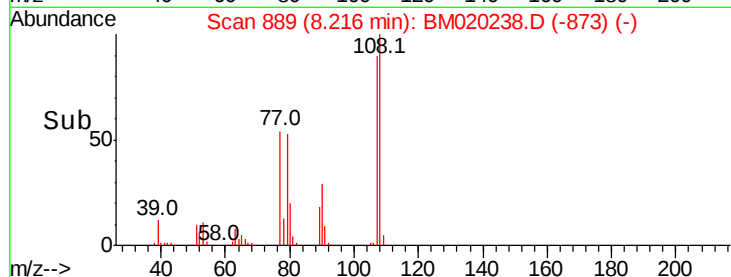
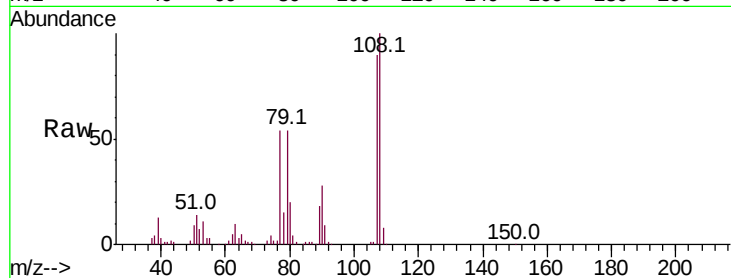
100000

50000

0

8.15 8.20 8.25 8.30

Time-->



#18

Hexachloroethane

Concen: 35.589 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:117 Resp: 75490

Ion Ratio Lower Upper

117 100

119 94.7 76.6 114.8

201 112.7 90.7 136.1

Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

60000

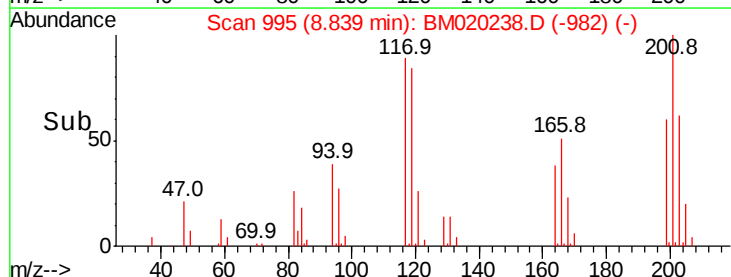
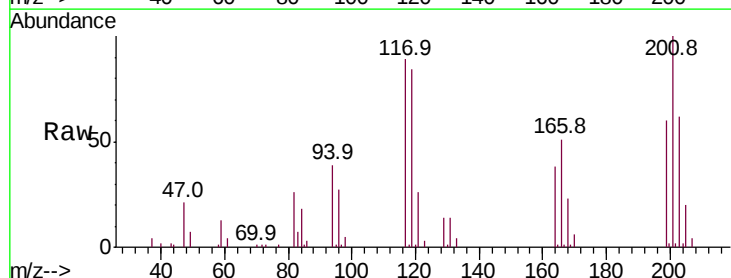
40000

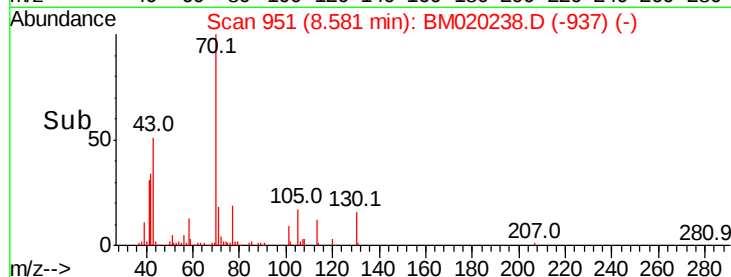
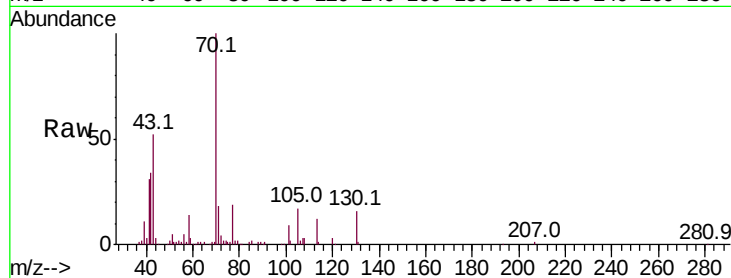
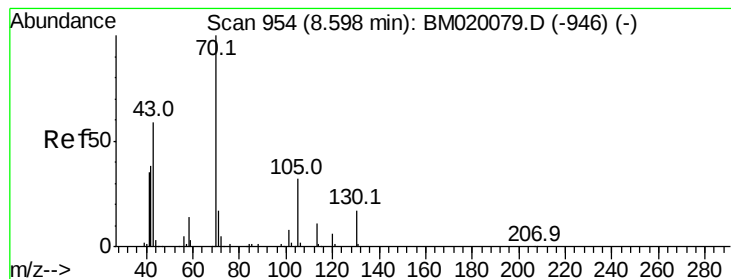
20000

0

8.80 8.85 8.90

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 41.623 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion: 70 Resp: 193378

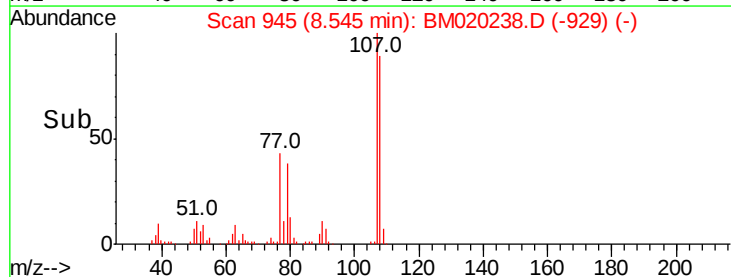
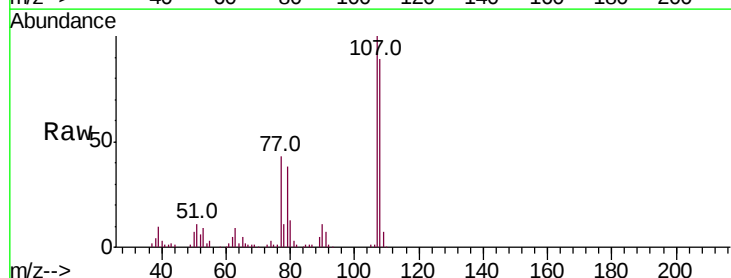
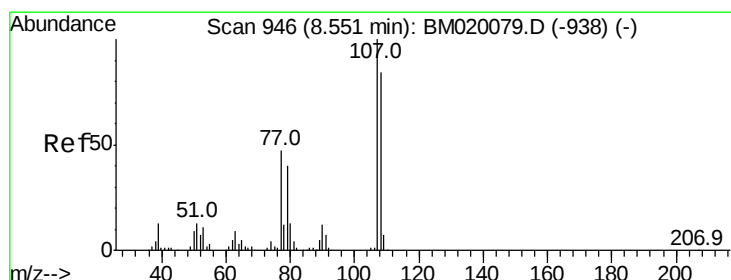
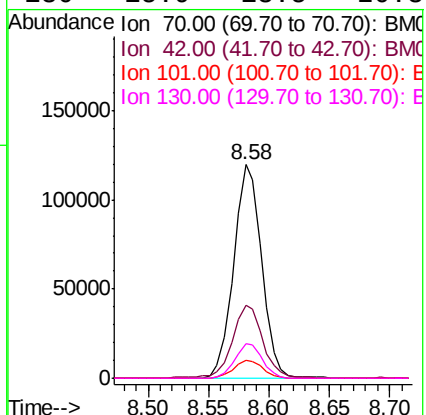
Ion Ratio Lower Upper

70 100

42 33.9 31.0 46.4

101 8.6 6.2 9.2

130 15.9 13.5 20.3



#20

3+4-Methylphenols

Concen: 49.397 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion: 107 Resp: 247063

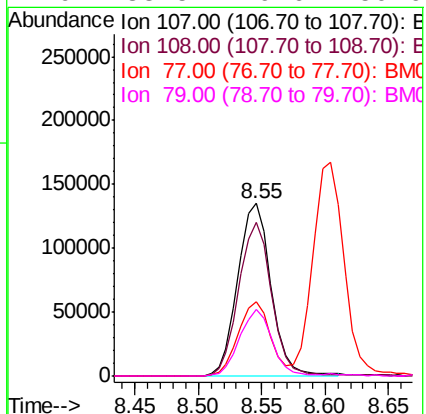
Ion Ratio Lower Upper

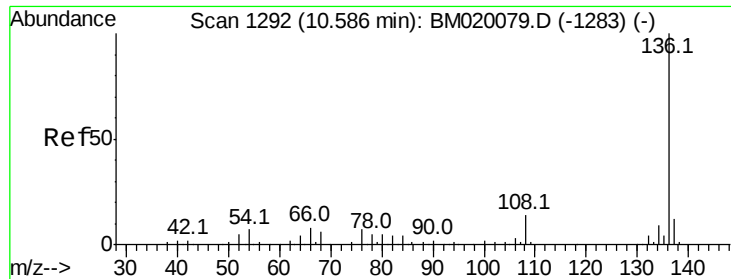
107 100

108 88.9 64.4 104.4

77 42.8 27.2 67.2

79 38.5 19.6 59.6

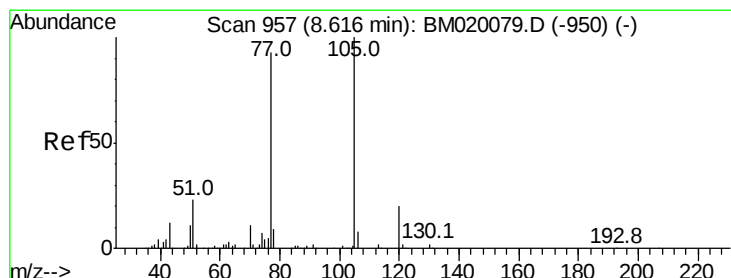
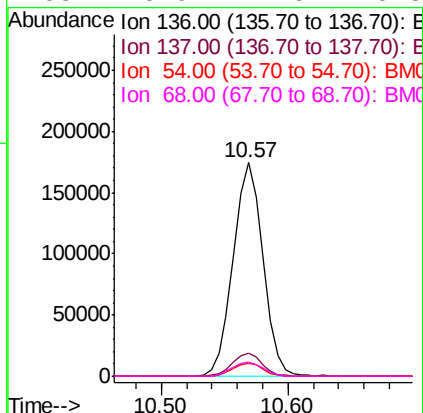
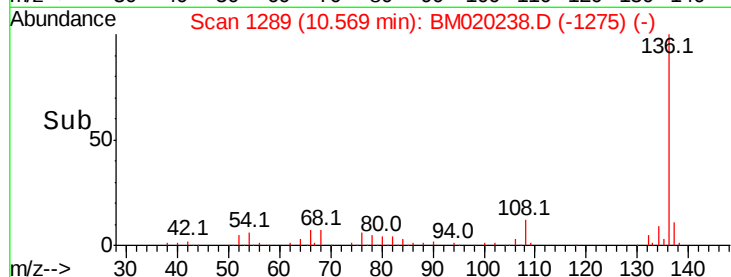
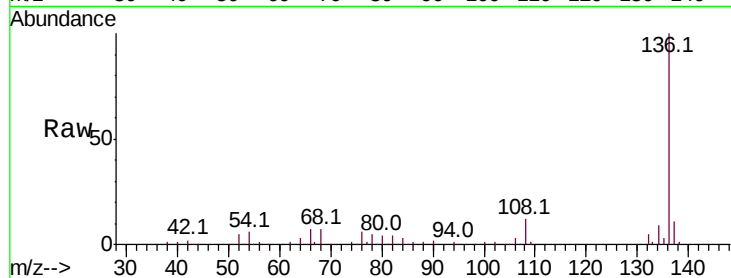




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

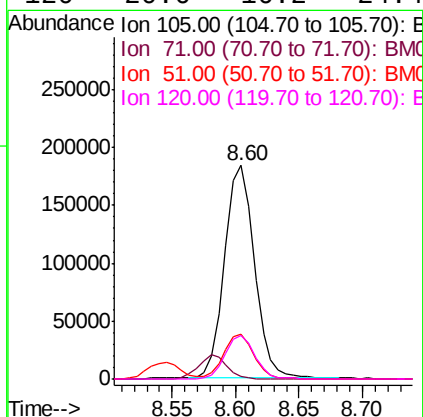
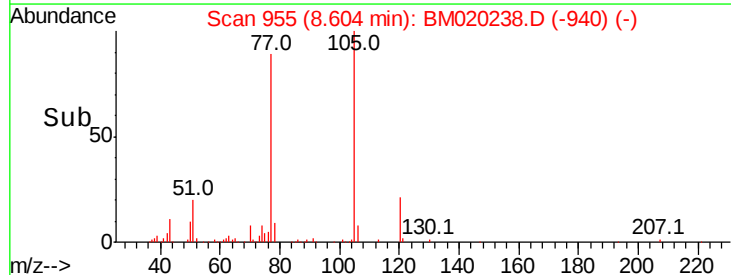
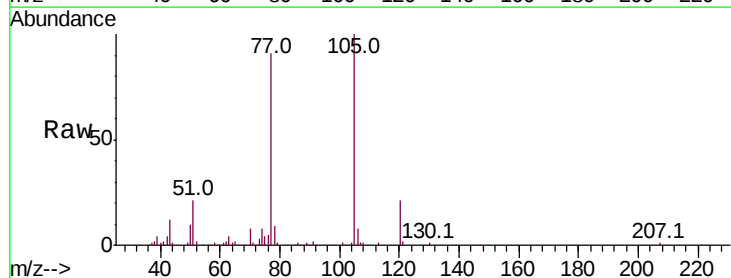
Instrument :
BNA_M
ClientSampleId :
PB119565BS

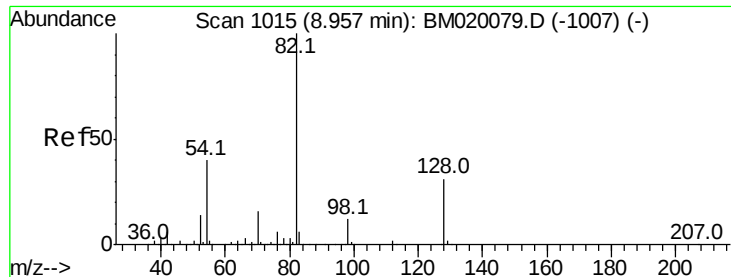
Tot Ion:	136	Resp:	283852
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	6.3	5.5	8.3
68	6.9	4.6	6.8#



#22
Acetophenone
Concen: 38.897 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:	105	Resp:	301749
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.2	3.2#
51	20.9	19.3	28.9
120	20.6	16.2	24.4

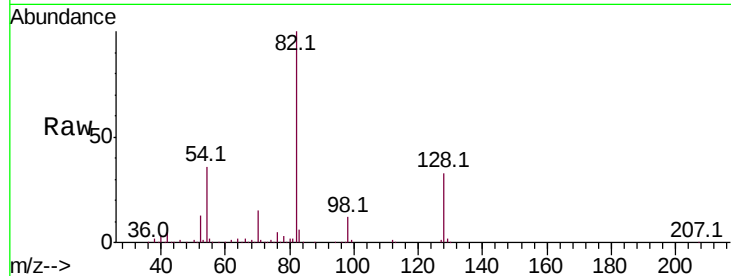




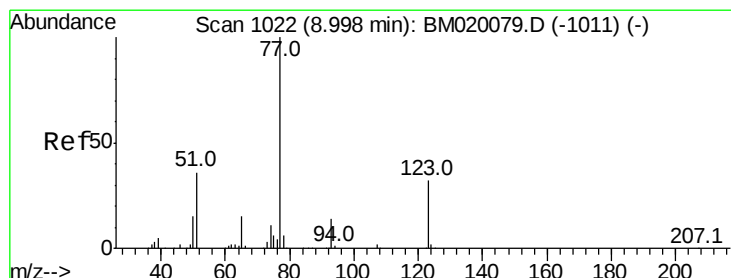
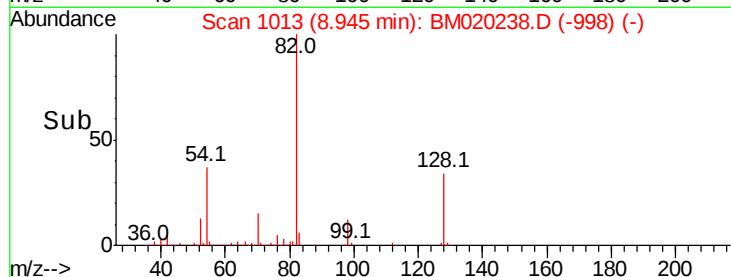
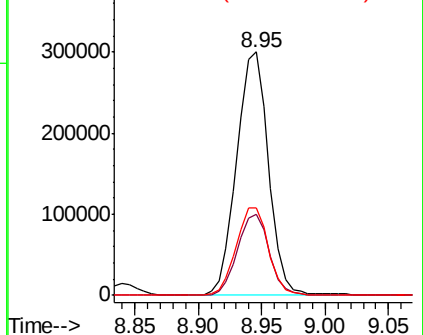
#23
Nitrobenzene-d5
Concen: 72.756 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion: 82 Resp: 523098
Ion Ratio Lower Upper
82 100
128 33.1 25.2 37.8
54 36.0 31.9 47.9

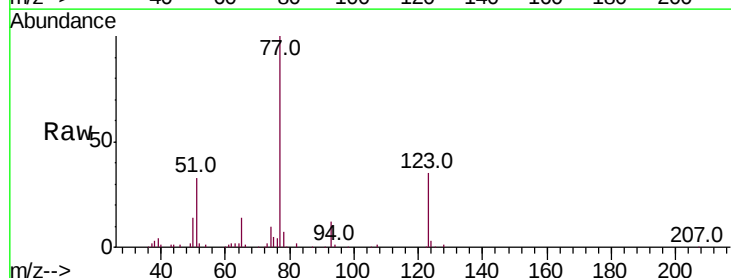


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

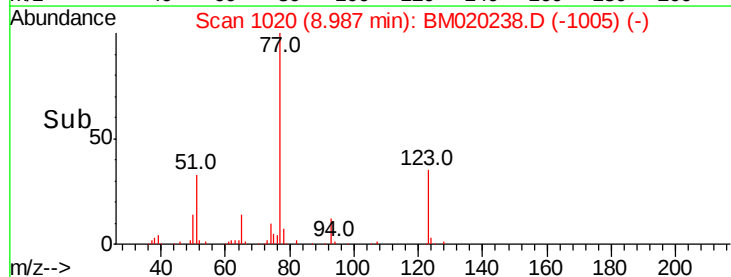
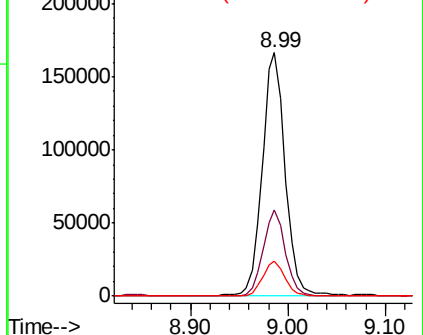


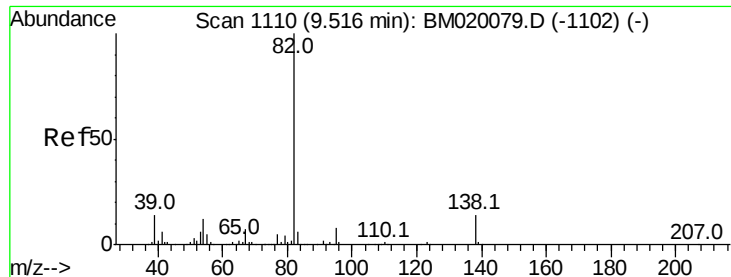
#24
Nitrobenzene
Concen: 37.179 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion: 77 Resp: 277152
Ion Ratio Lower Upper
77 100
123 35.3 25.5 38.3
65 14.2 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 40.283 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

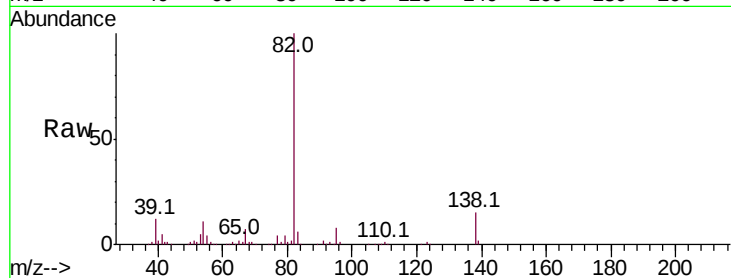
Tot Ion: 82 Resp: 499453

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

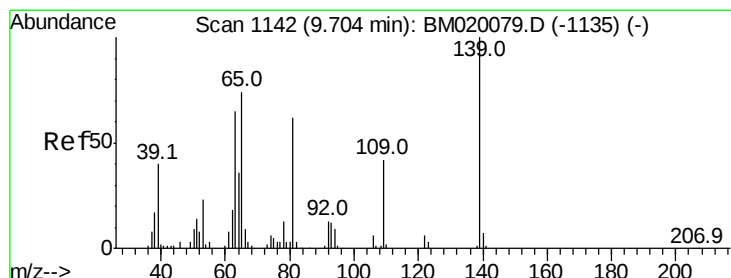
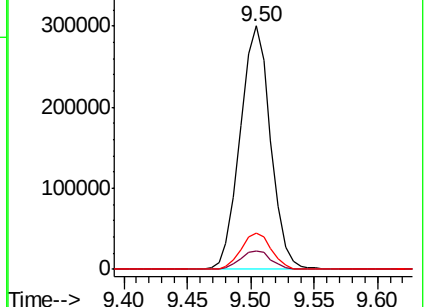
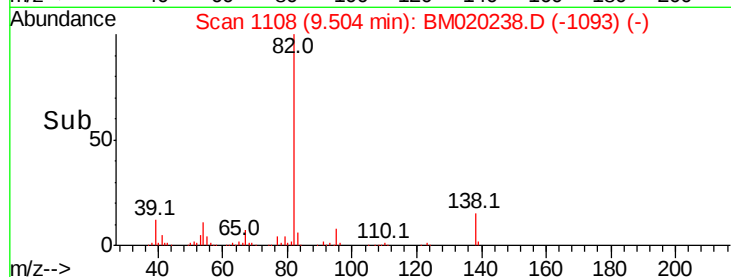
138 14.8 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020238.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020238.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020238.D (-1102) (-)



#26

2-Nitrophenol

Concen: 47.422 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

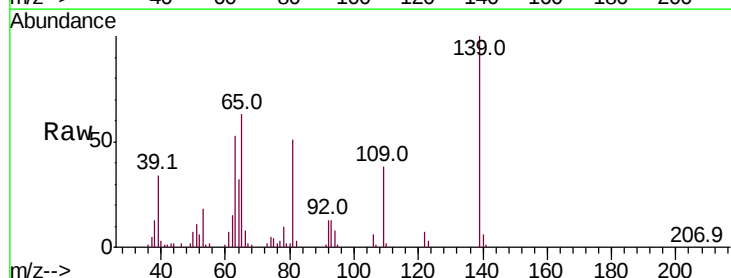
Tgt Ion: 139 Resp: 106726

Ion Ratio Lower Upper

139 100

109 37.6 33.7 50.5

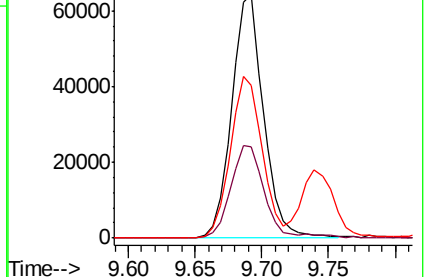
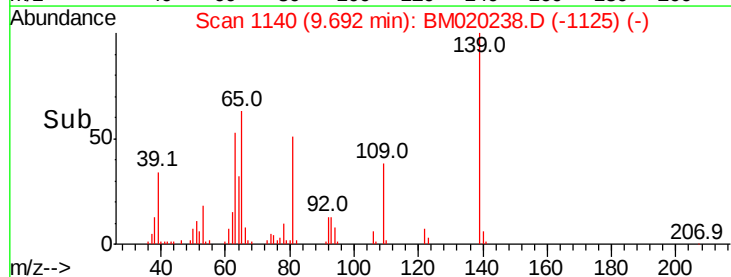
65 62.7 59.5 89.3

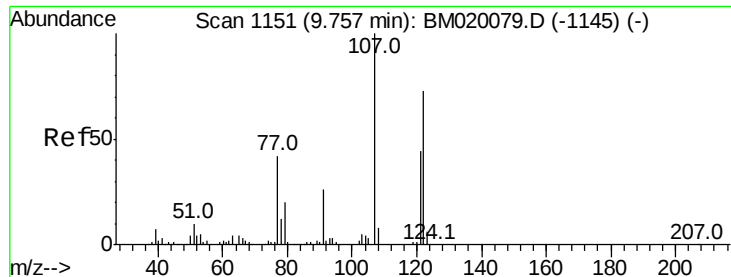


Abundance Ion 139.00 (138.70 to 139.70): BM020238.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020238.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020238.D (-1135) (-)

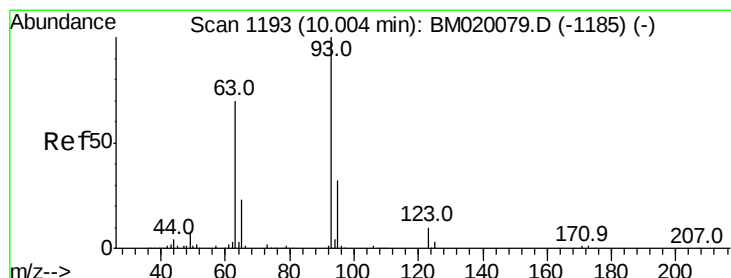
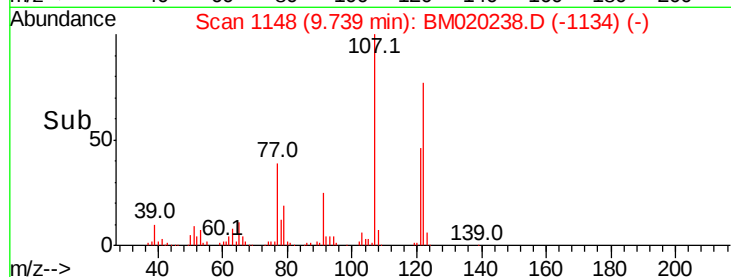
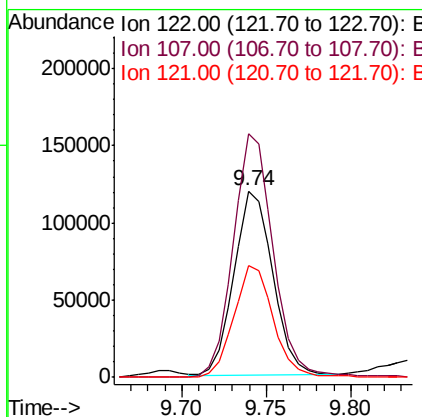
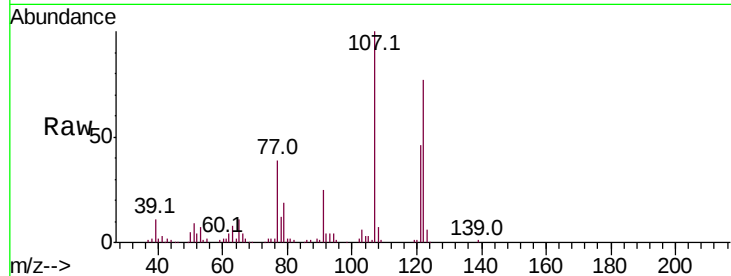




#27
2,4-Dimethylphenol
Concen: 51.223 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

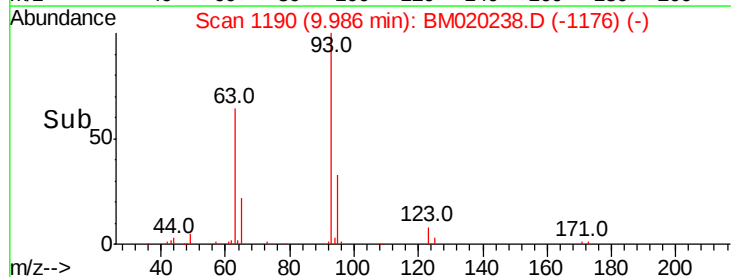
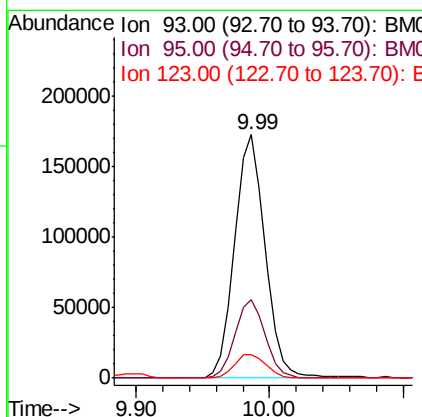
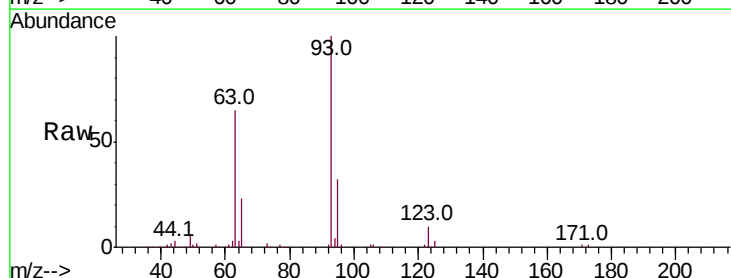
Instrument :
BNA_M
ClientSampleId :
PB119565BS

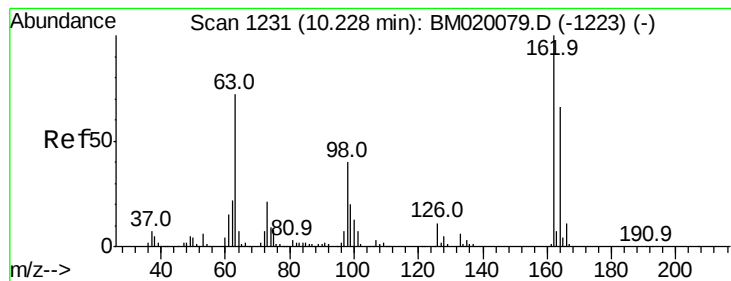
Tot Ion:122 Resp: 191922
Ion Ratio Lower Upper
122 100
107 130.6 108.6 162.8
121 59.8 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.577 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion: 93 Resp: 274003
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 9.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 44.847 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

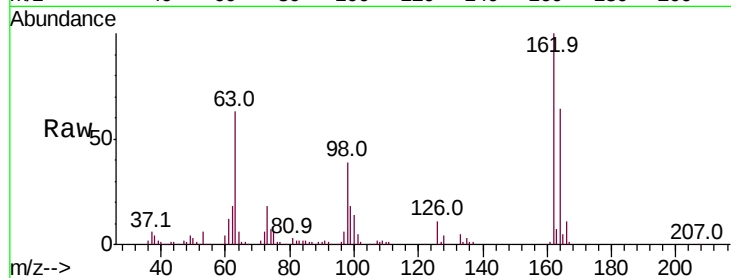
Tot Ion:162 Resp: 211885

Ion Ratio Lower Upper

162 100

164 63.8 45.6 85.6

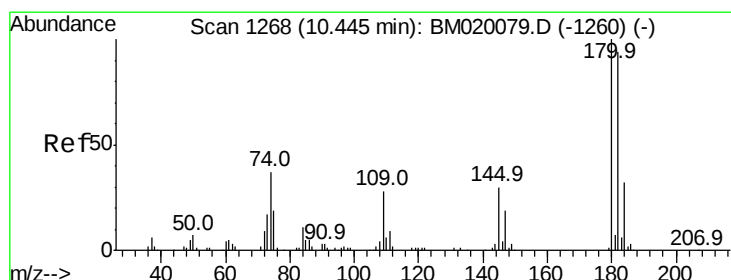
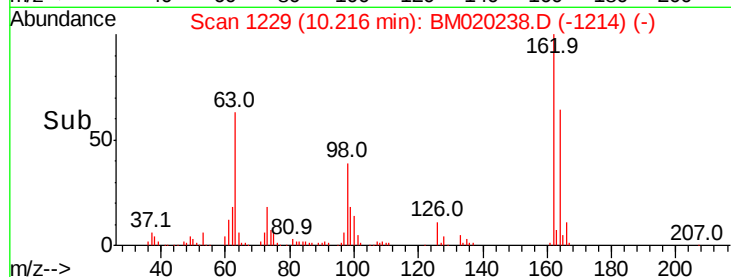
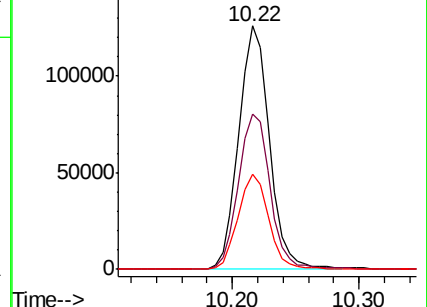
98 39.3 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 37.631 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

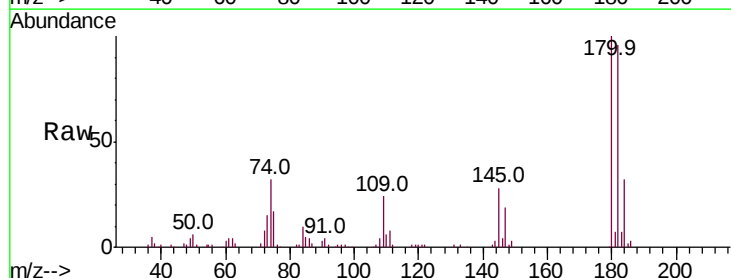
Tgt Ion:180 Resp: 218767

Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

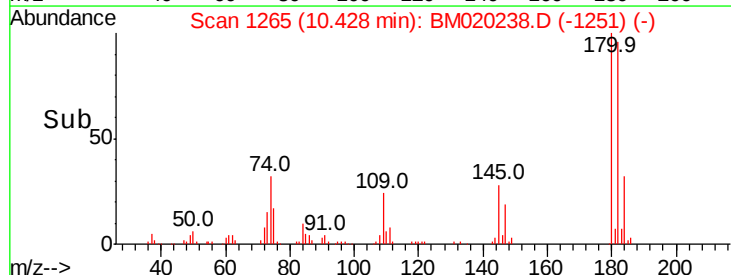
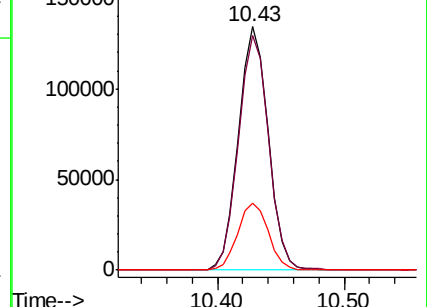
145 27.7 23.8 35.8

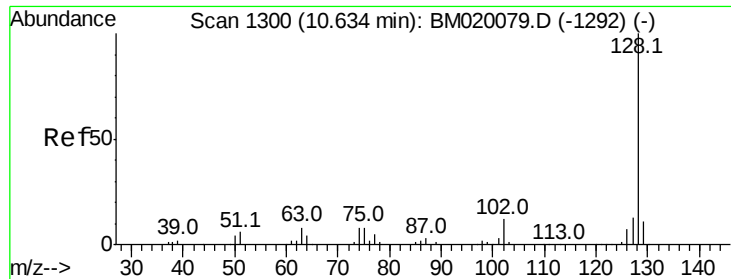


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

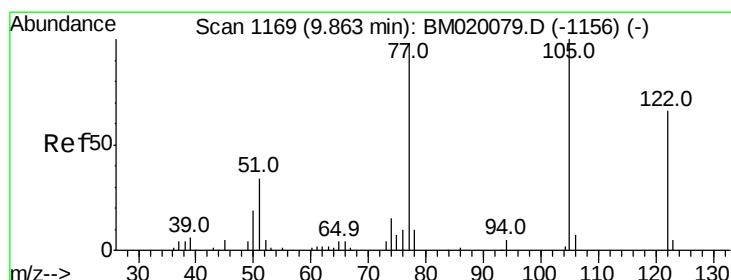
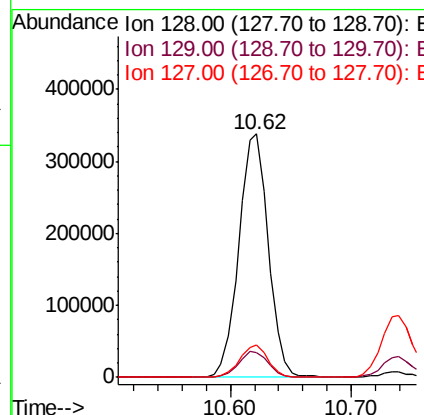
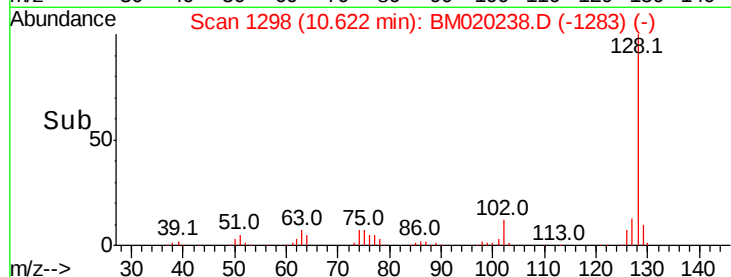
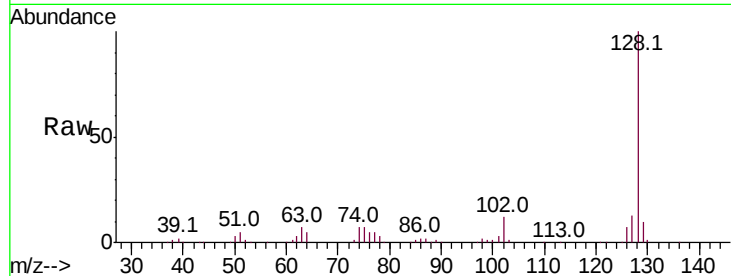




#31
Naphthalene
Concen: 39.012 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

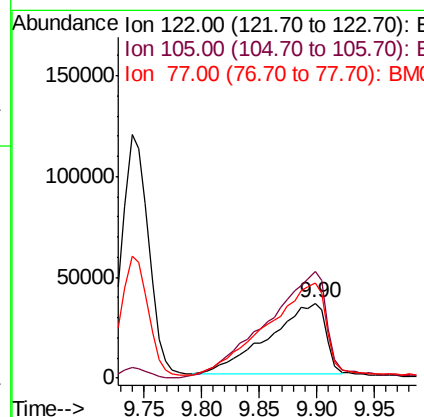
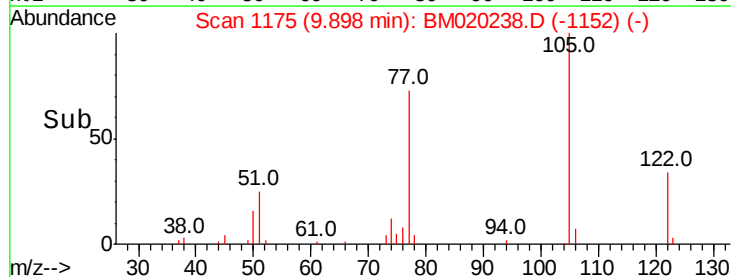
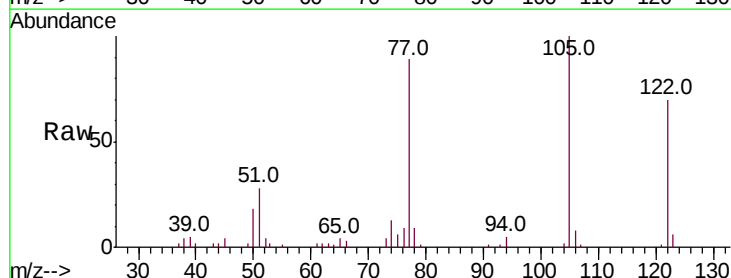
Instrument :
BNA_M
ClientSampleId :
PB119565BS

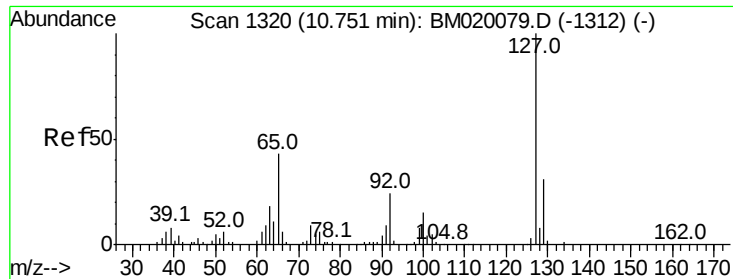
Tot Ion:128 Resp: 574653
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 45.541 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:122 Resp: 120360
Ion Ratio Lower Upper
122 100
105 142.9 122.5 162.5
77 126.7 123.3 163.3

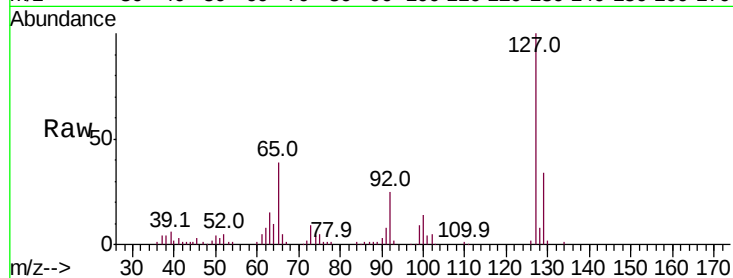




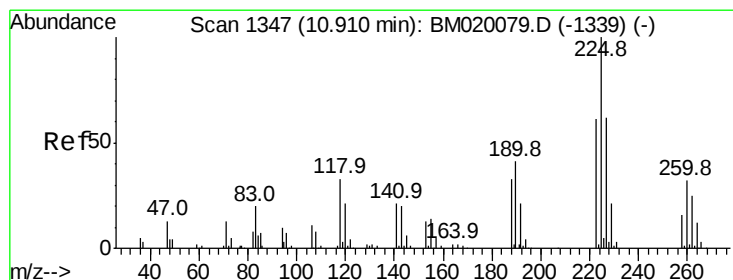
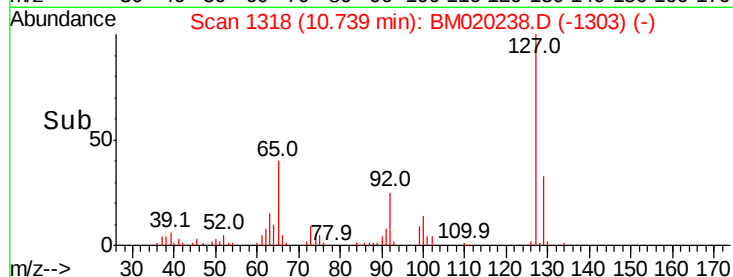
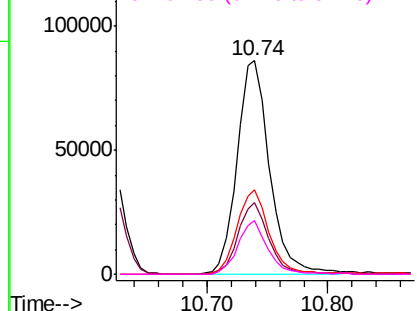
#33
4-Chloroaniline
Concen: 26.769 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:	127	Resp:	162291
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.7	37.1
65	39.3	34.6	52.0
92	25.1	19.5	29.3

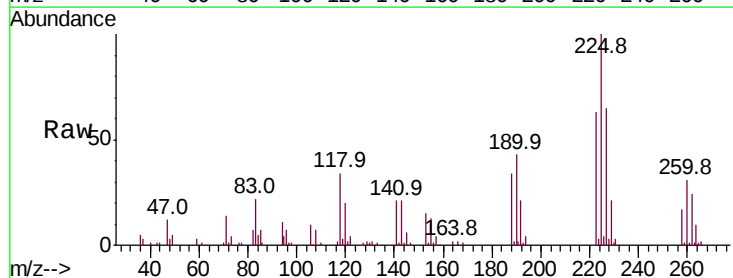


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

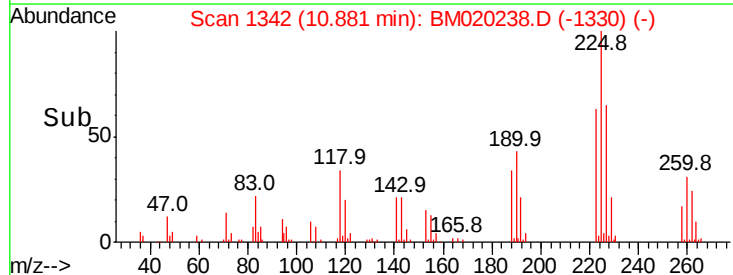
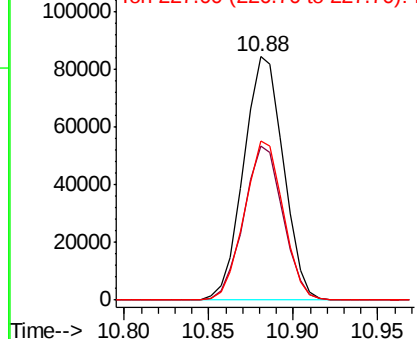


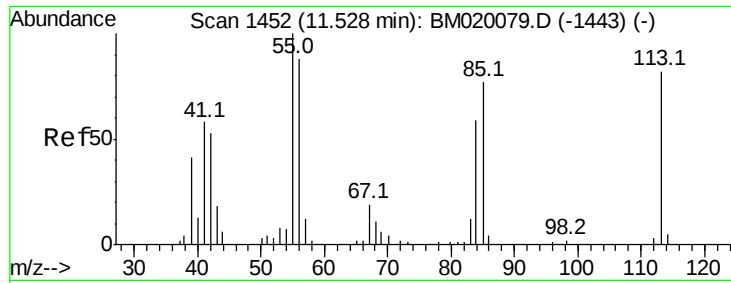
#34
Hexachlorobutadiene
Concen: 33.607 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:	225	Resp:	138208
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.9	73.3
227	65.3	49.6	74.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.911 ng

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

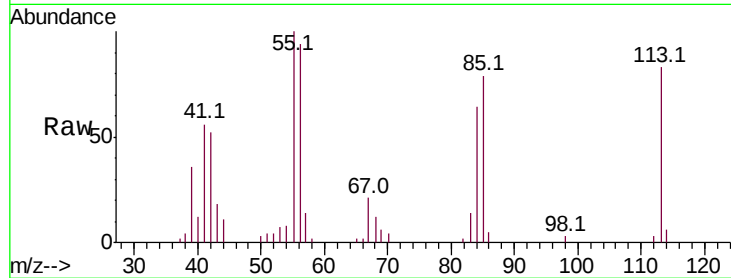
Tot Ion:113 Resp: 39430

Ion Ratio Lower Upper

113 100

55 121.2 102.5 142.5

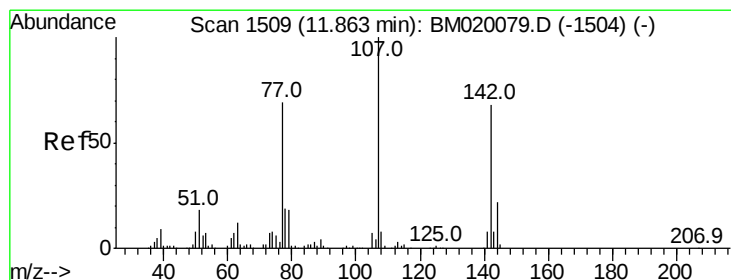
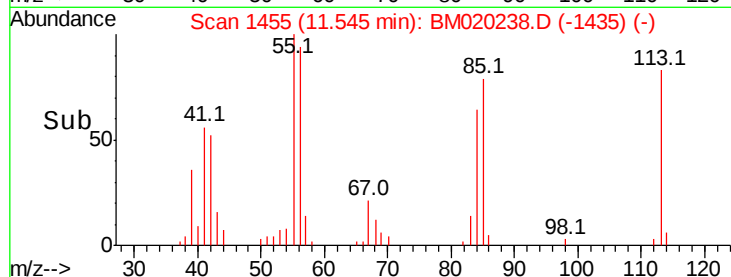
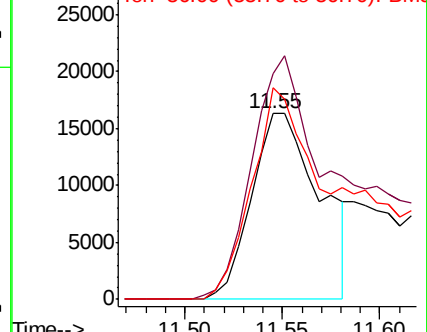
56 114.1 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.349 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

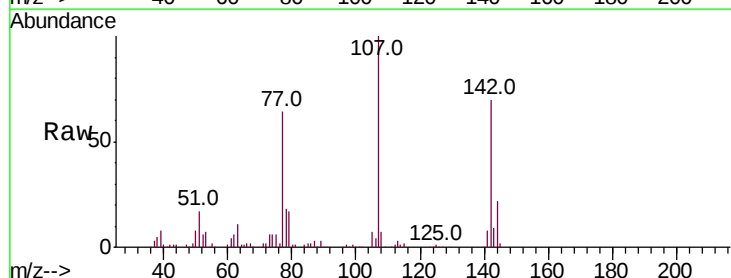
Tgt Ion:107 Resp: 246230

Ion Ratio Lower Upper

107 100

144 22.1 17.6 26.4

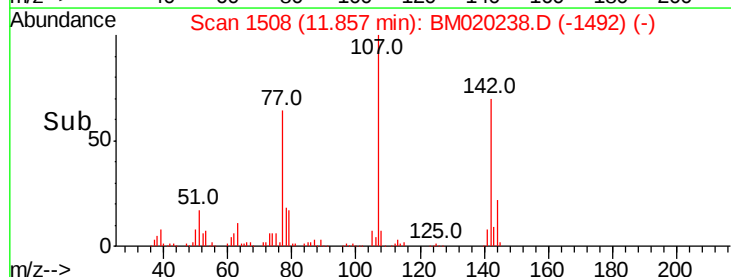
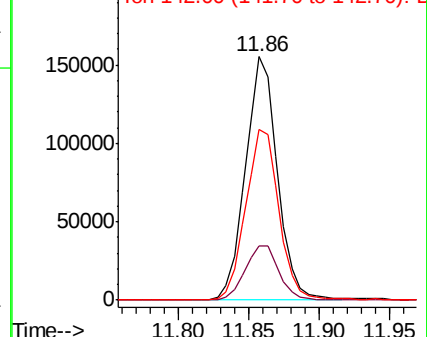
142 70.1 54.6 82.0

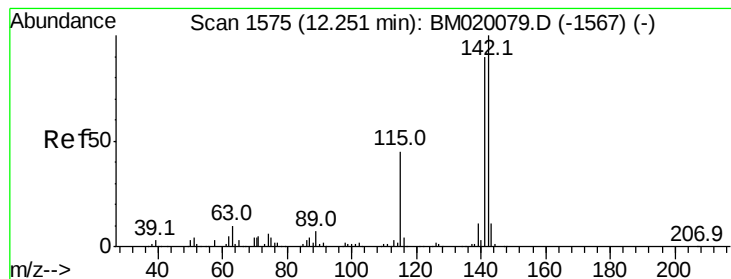


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.757 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

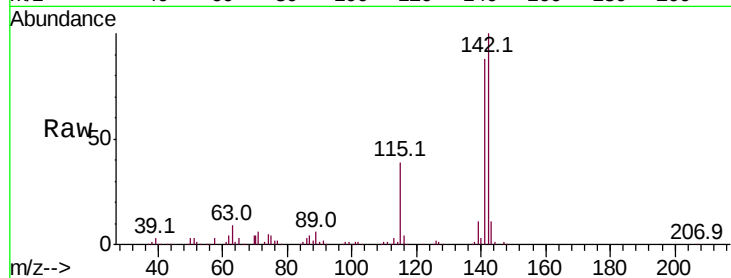
Tot Ion:142 Resp: 459160

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4

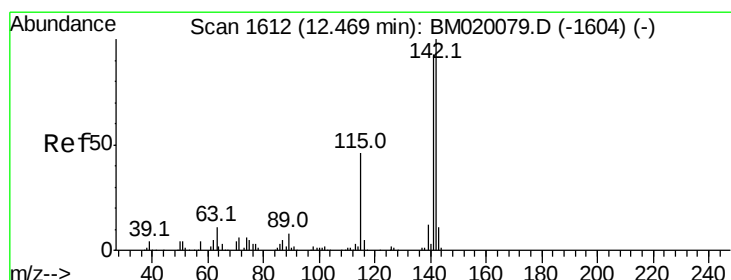
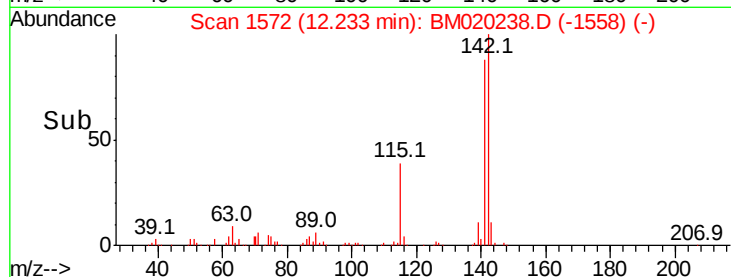
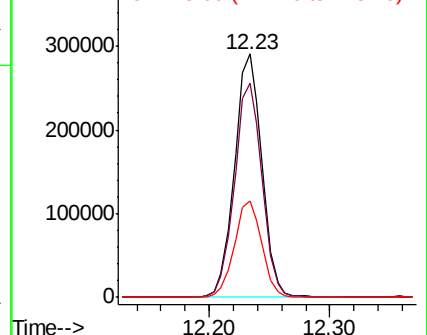
115 39.4 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.874 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

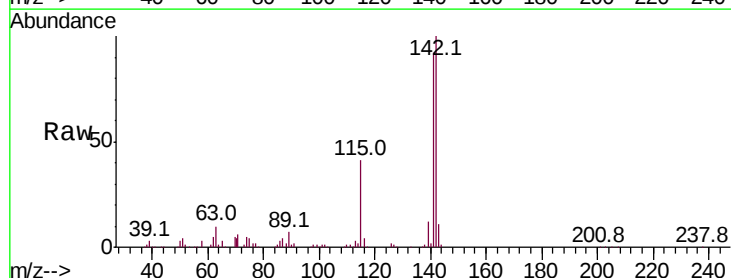
Tgt Ion:142 Resp: 439717

Ion Ratio Lower Upper

142 100

141 92.5 74.8 112.2

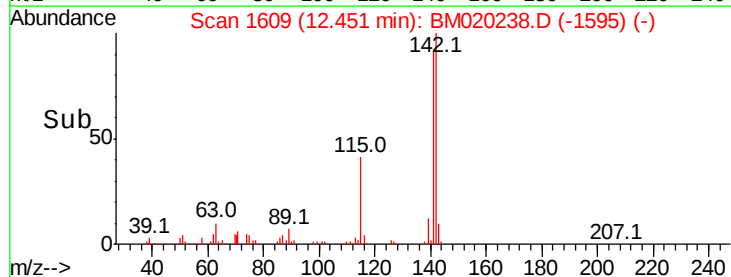
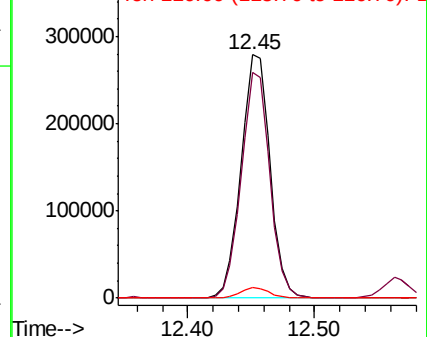
116 4.5 3.9 5.9

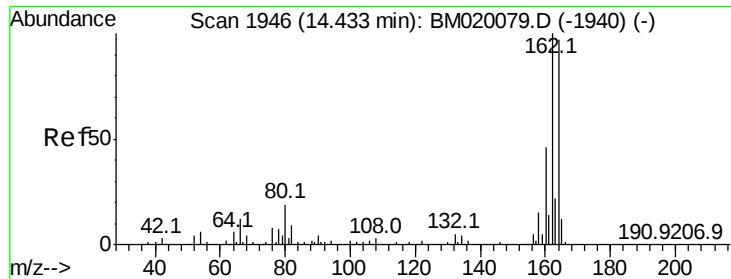


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

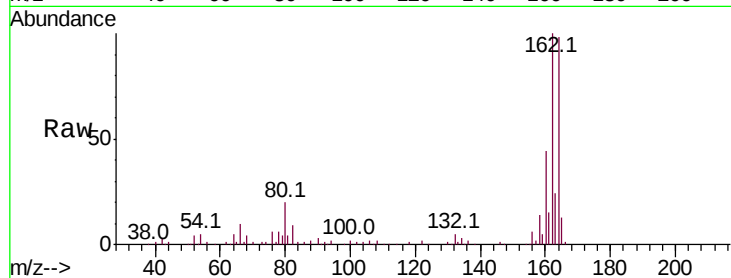
Tot Ion:164 Resp: 196690

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

160 45.5 37.6 56.4

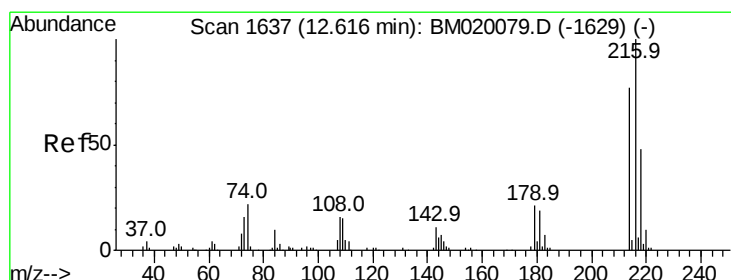
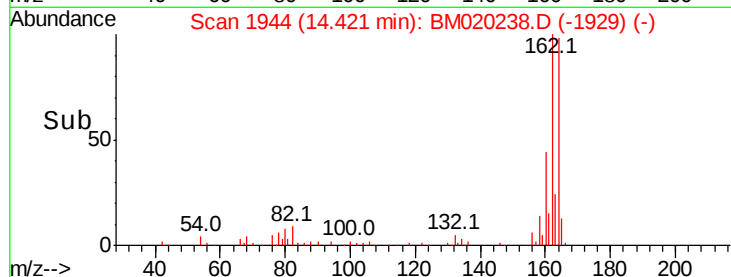
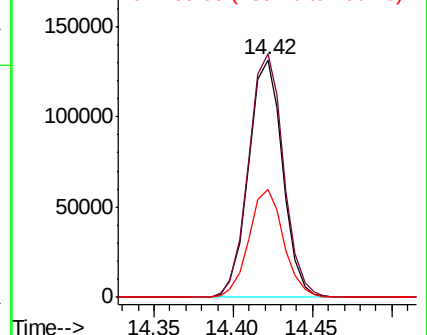


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.813 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:216 Resp: 275591

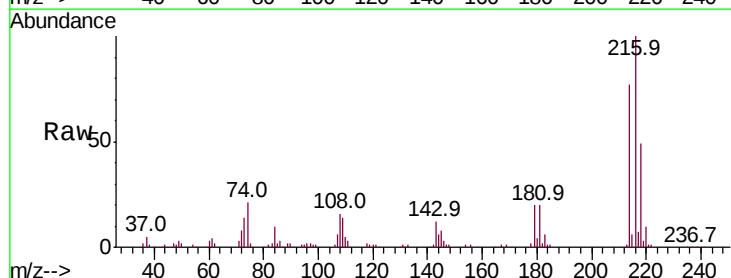
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.2 17.1 25.7

108 19.9 15.8 23.6



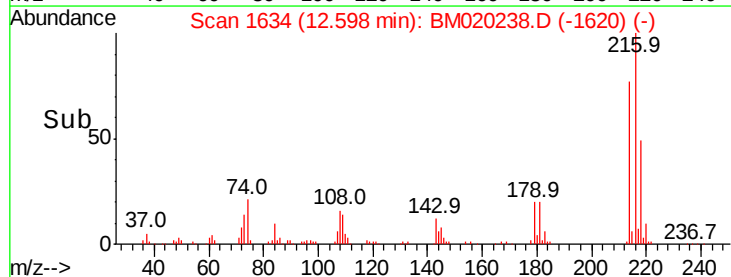
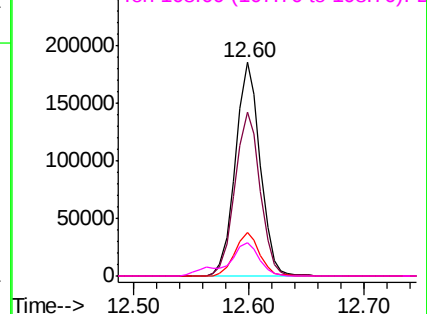
Abundance

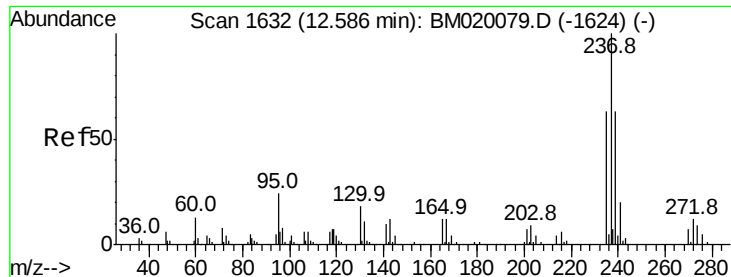
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.546 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

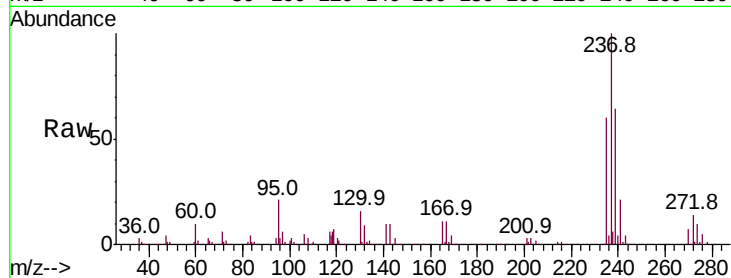
Tot Ion:237 Resp: 333238

Ion	Ratio	Lower	Upper
237	100		
235	60.5	43.4	83.4
272	13.5	0.0	31.7

237 100

235 60.5 43.4 83.4

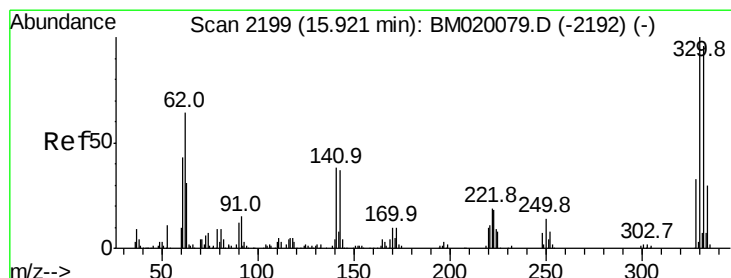
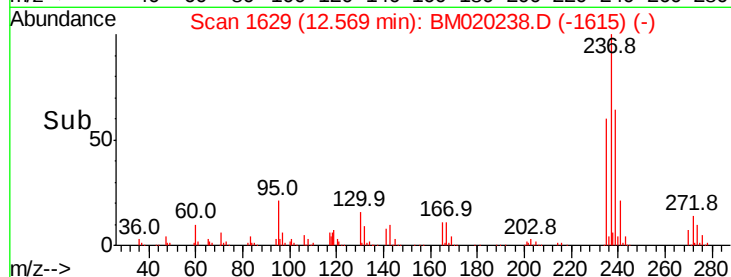
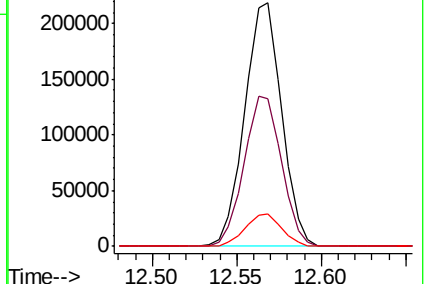
272 13.5 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.896 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

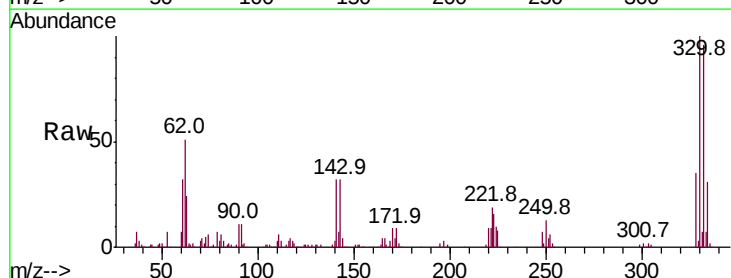
Tgt Ion:330 Resp: 466790

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	32.2	29.2	43.8

330 100

332 96.3 76.8 115.2

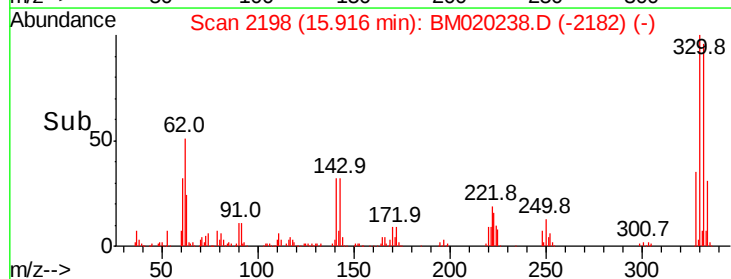
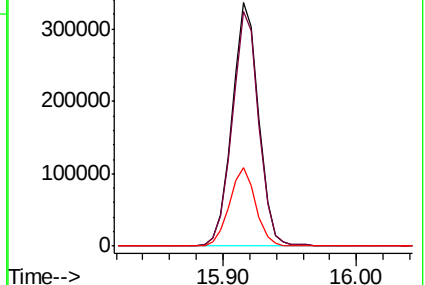
141 32.2 29.2 43.8

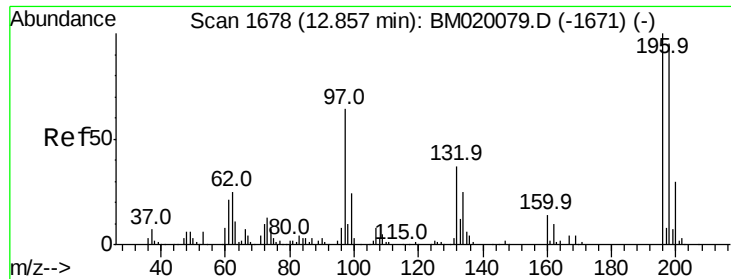


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

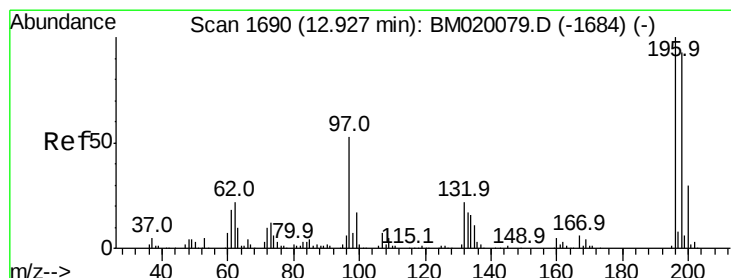
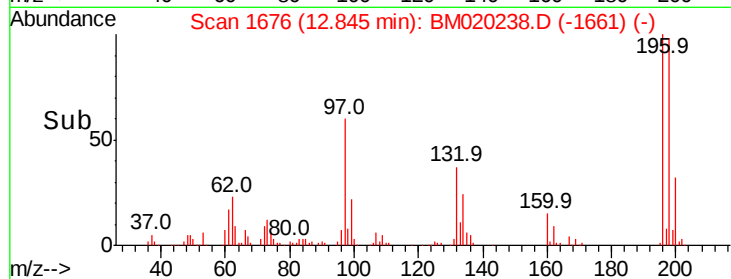
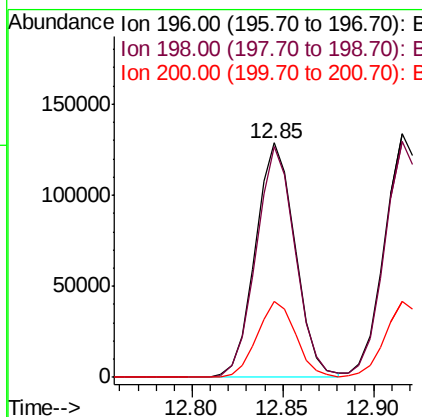
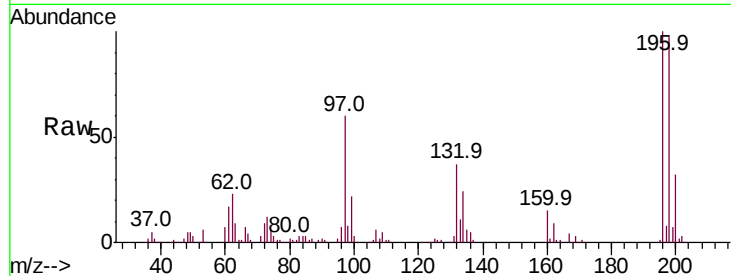




#43
 2,4,6-Trichlorophenol
 Concen: 44.834 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

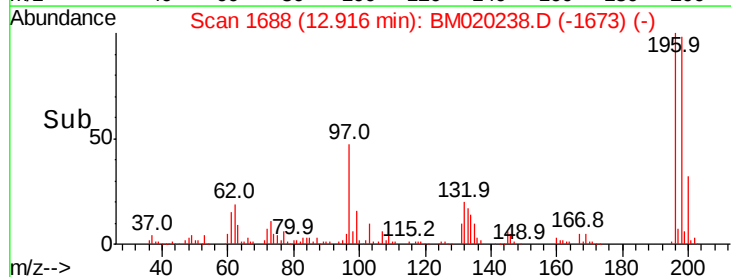
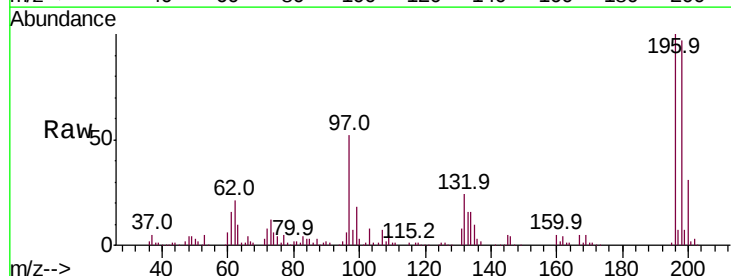
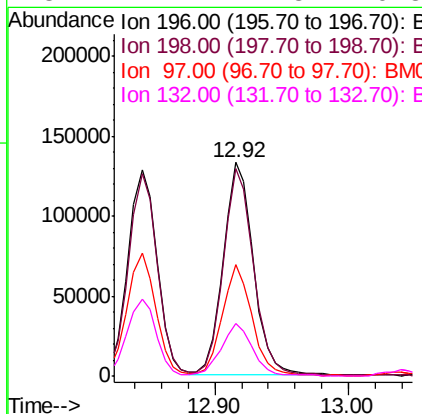
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

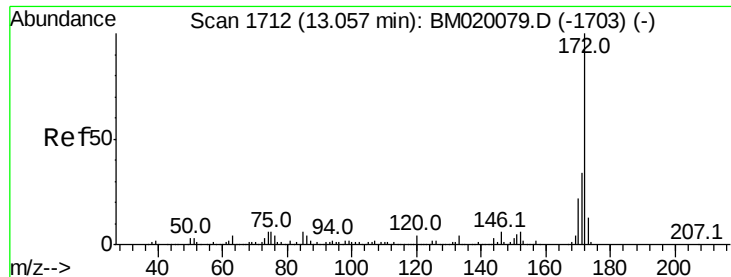
Tot Ion	196	Resp	196078
Ion Ratio	Lower	Upper	
196	100		
198	98.4	76.2	114.2
200	32.3	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.023 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	196	Resp	210197
Ion Ratio	Lower	Upper	
196	100		
198	97.2	74.7	112.1
97	52.0	42.2	63.4
132	24.4	17.8	26.8

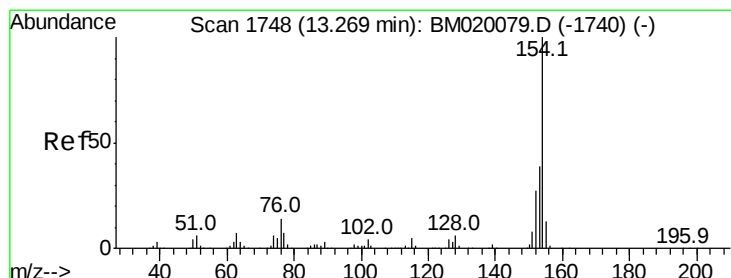
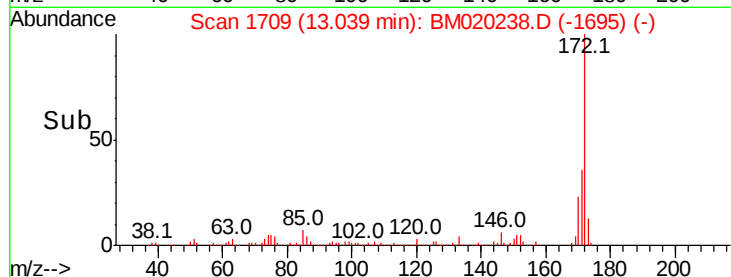
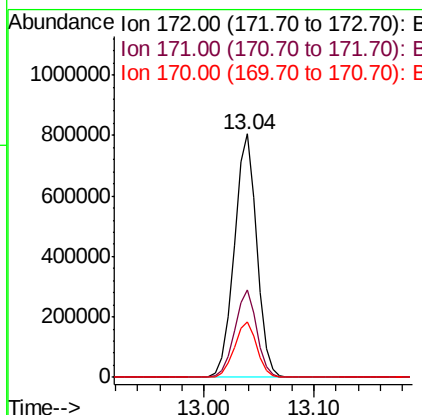
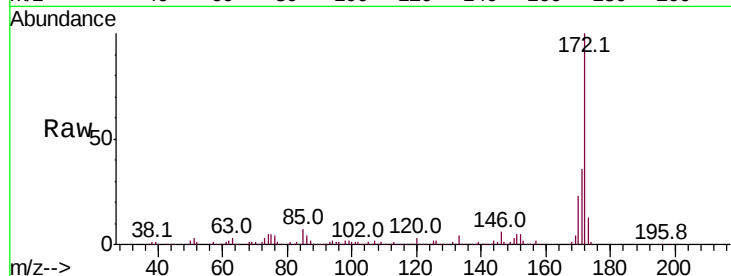




#45
2-Fluorobiphenyl
Concen: 71.839 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

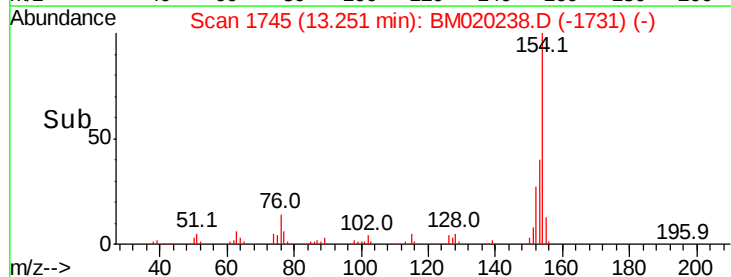
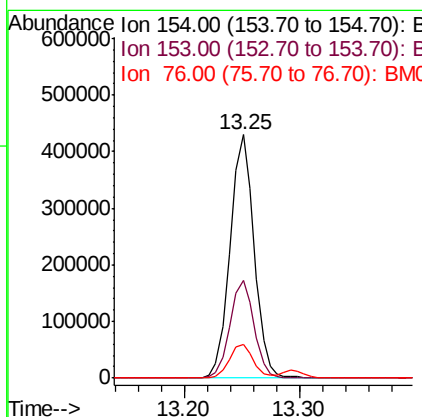
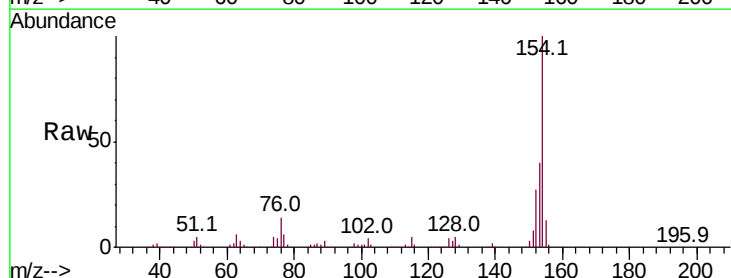
Instrument :
BNA_M
ClientSampleId :
PB119565BS

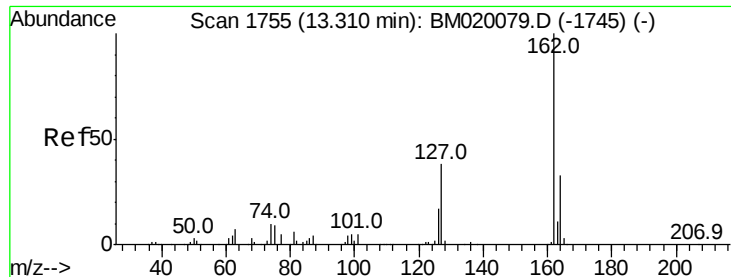
Tot Ion:172 Resp: 1148445
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 23.0 17.9 26.9



#46
1,1'-Biphenyl
Concen: 38.261 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:154 Resp: 619432
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 13.9 0.0 34.5

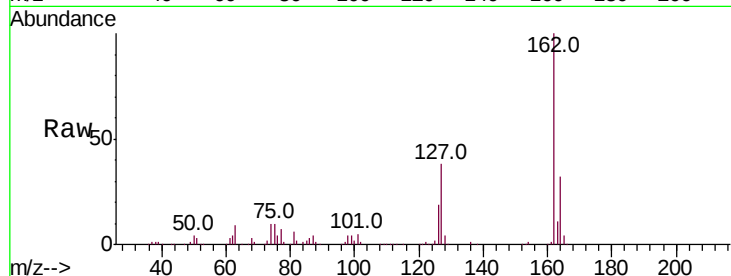




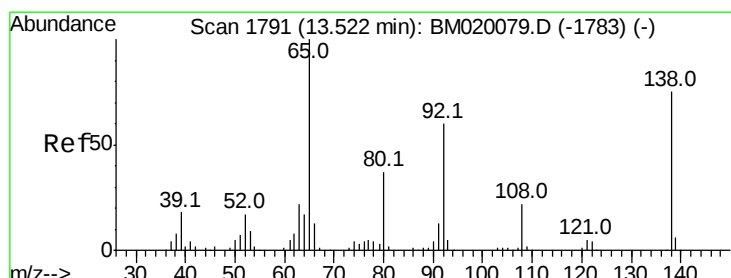
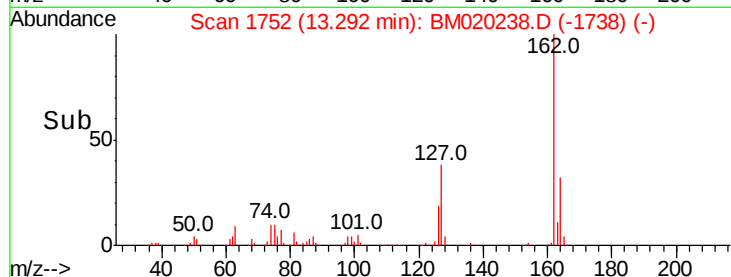
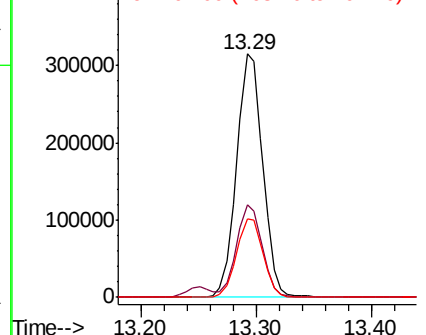
#47
2-Chloronaphthalene
Concen: 38.204 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.4
164	32.1	26.2	39.2

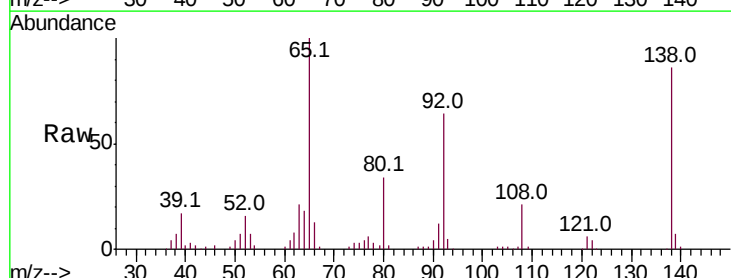


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

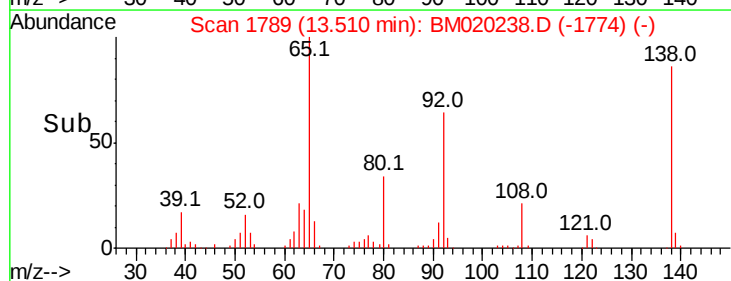
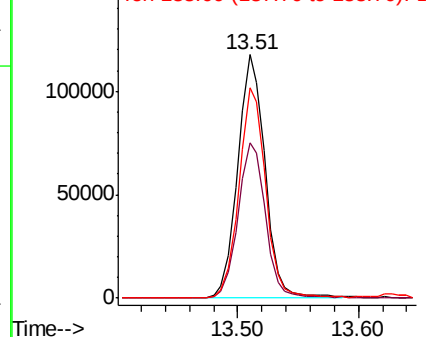


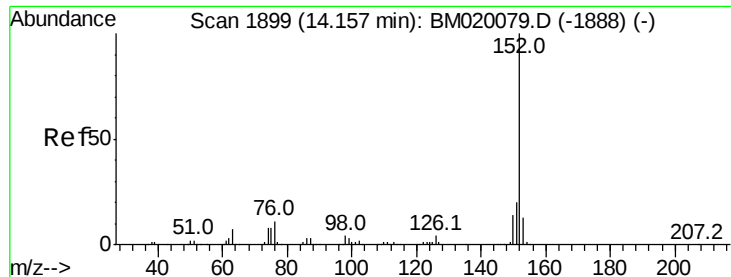
#48
2-Nitroaniline
Concen: 40.389 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	48.2	72.4
138	86.4	60.3	90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.445 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

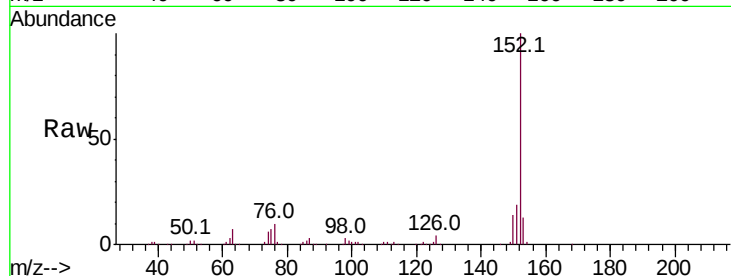
Tot Ion:152 Resp: 795293

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

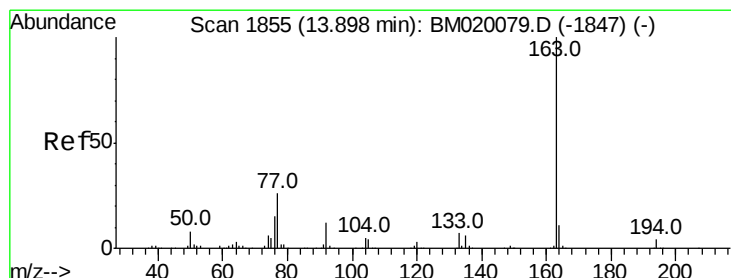
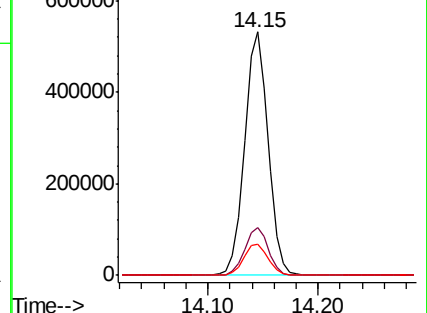
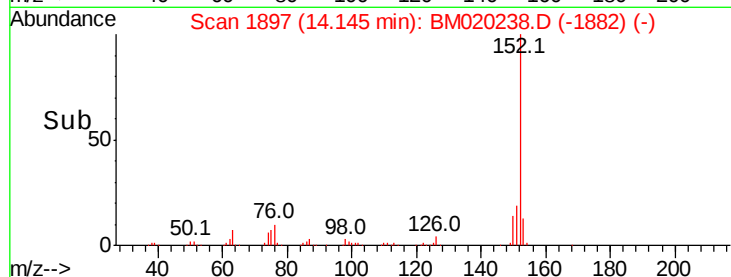
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.986 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

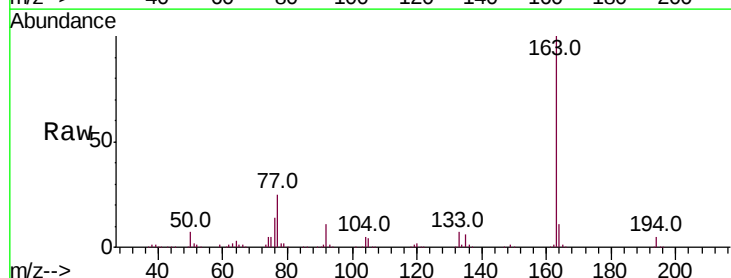
Tgt Ion:163 Resp: 668452

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

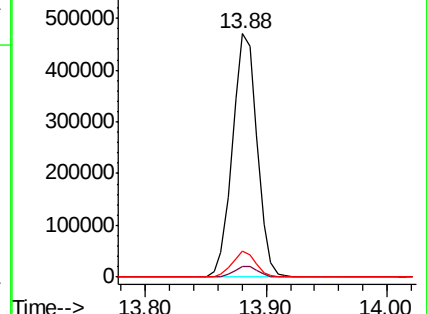
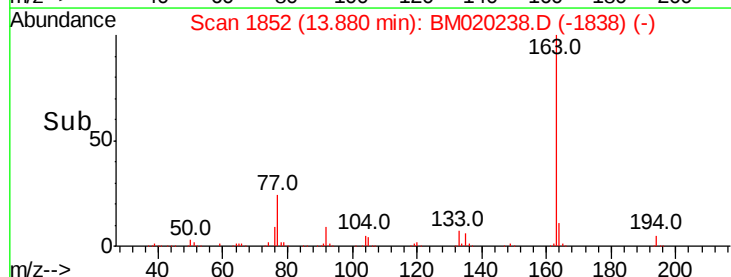
164 10.6 8.4 12.6

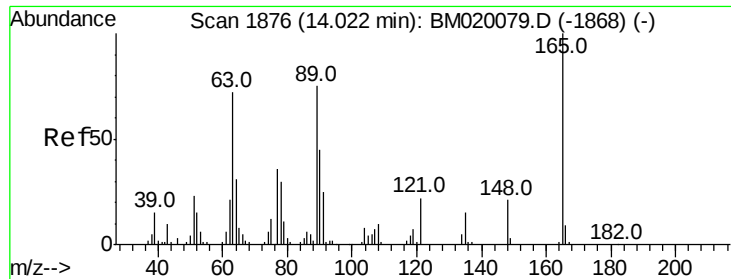


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.704 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

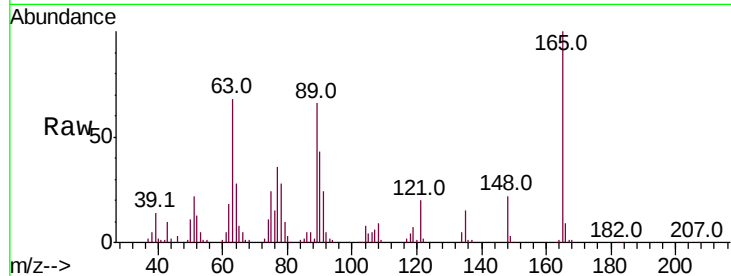
Tot Ion:165 Resp: 146838

Ion Ratio Lower Upper

165 100

63 68.2 60.3 90.5

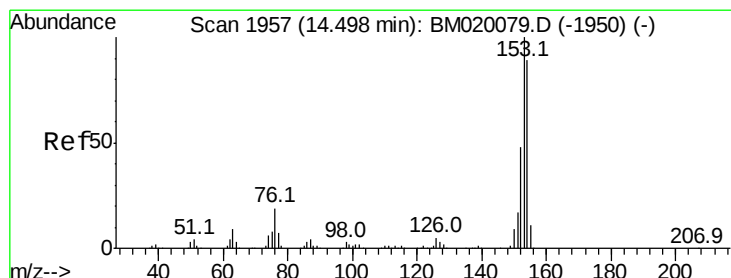
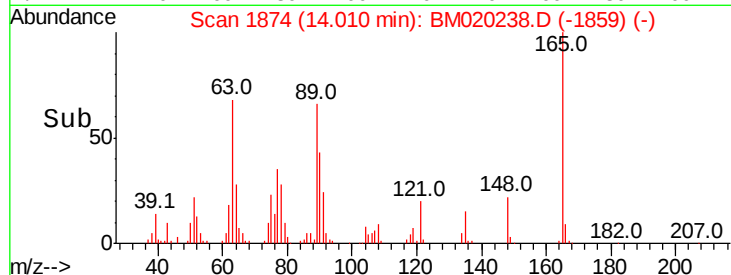
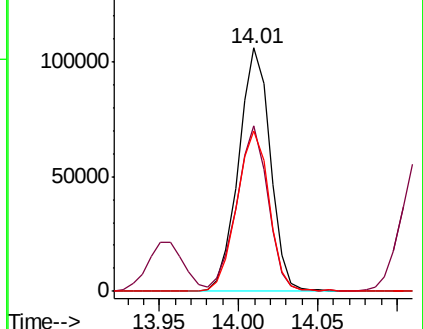
89 65.7 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 38.972 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

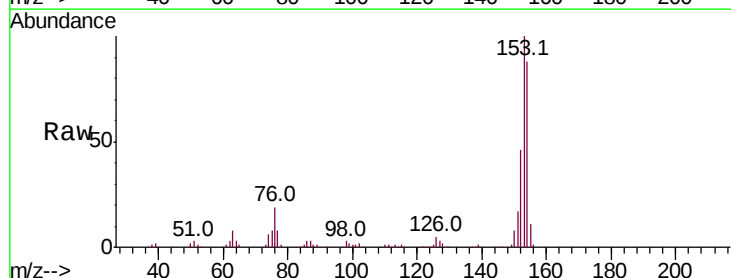
Tgt Ion:154 Resp: 462326

Ion Ratio Lower Upper

154 100

153 114.3 90.2 135.2

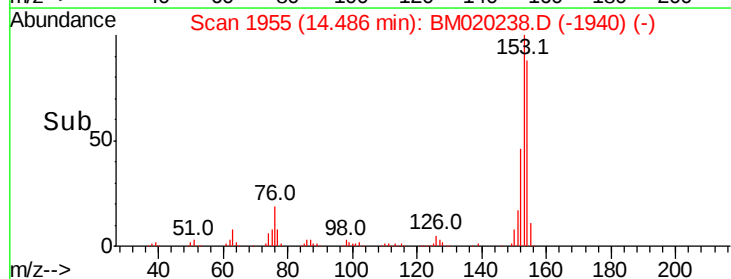
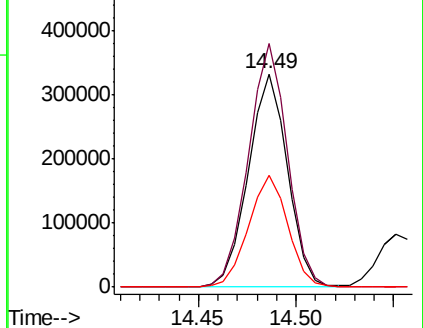
152 52.4 43.0 64.4

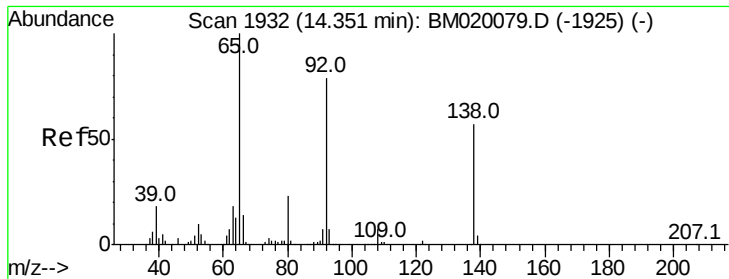


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

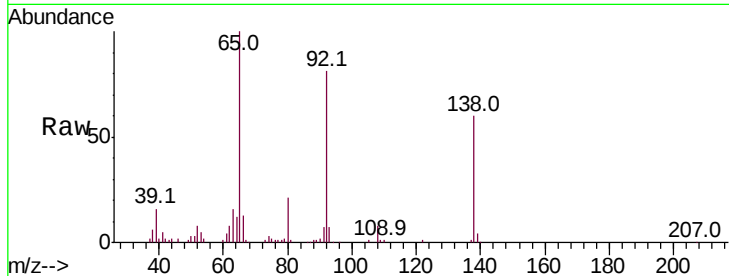




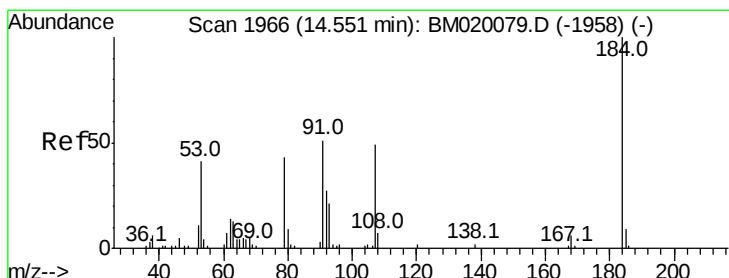
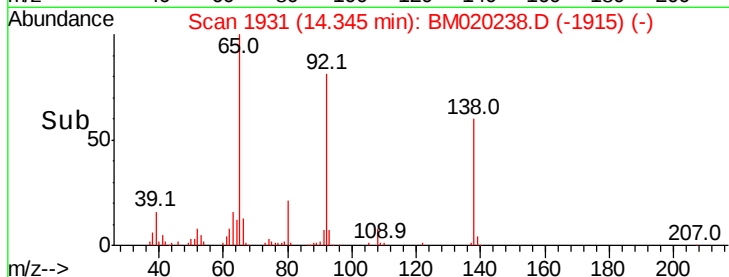
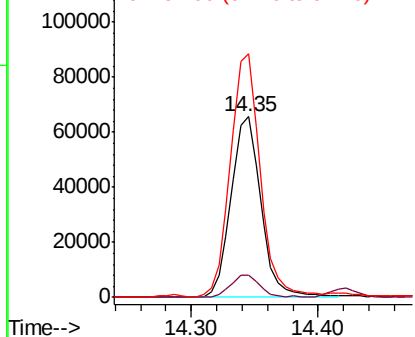
#53
3-Nitroaniline
Concen: 32.732 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:138 Resp: 106966
Ion Ratio Lower Upper
138 100
108 12.4 10.4 15.6
92 134.9 111.3 166.9

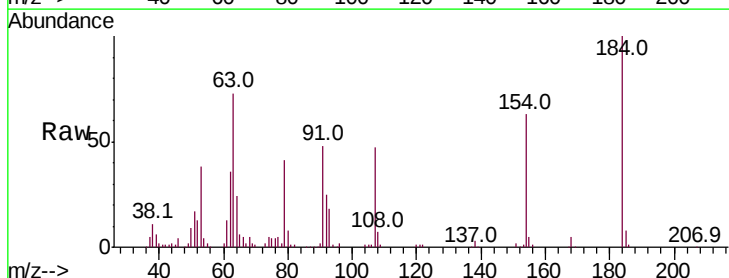


Abundance Ion 138.00 (137.70 to 138.70): E
120000
Ion 108.00 (107.70 to 108.70): E
100000
Ion 92.00 (91.70 to 92.70): BM0

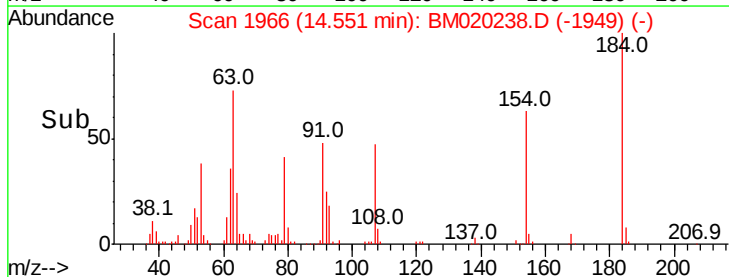
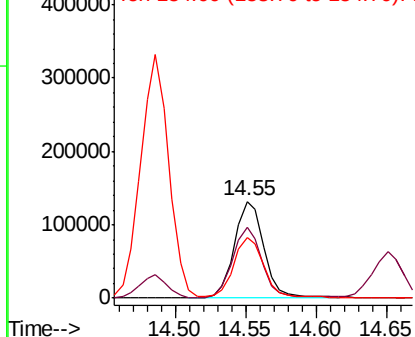


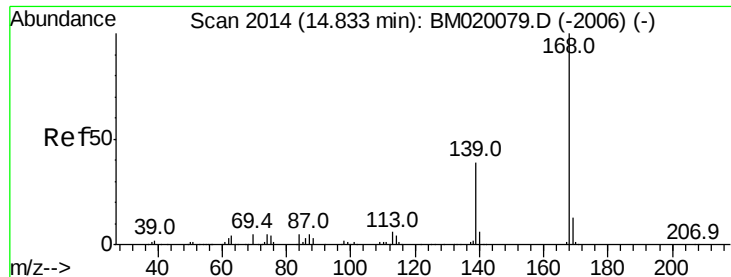
#54
2,4-Dinitrophenol
Concen: 106.772 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:184 Resp: 193901
Ion Ratio Lower Upper
184 100
63 73.1 68.9 103.3
154 63.2 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E
400000
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

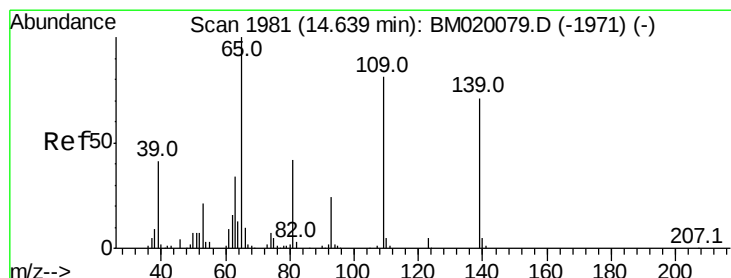
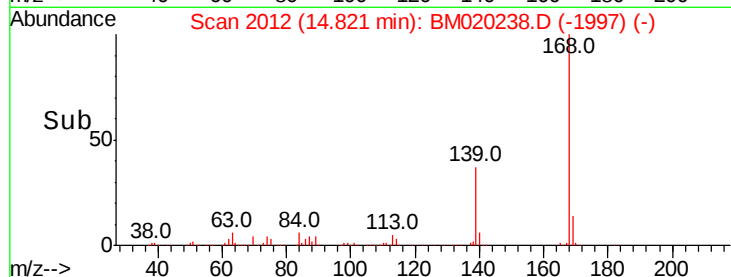
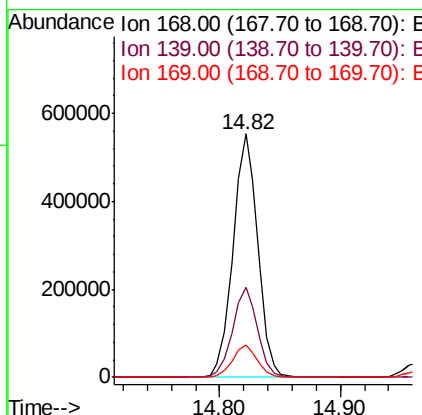
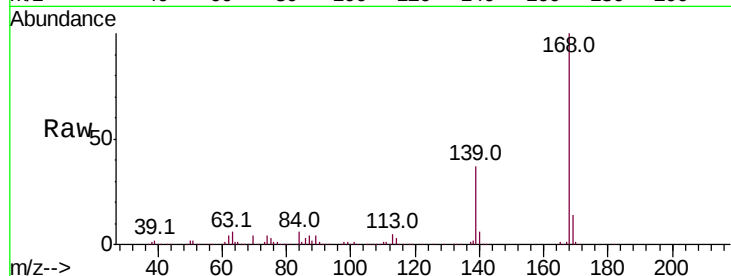




#55
Dibenzofuran
Concen: 39.440 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

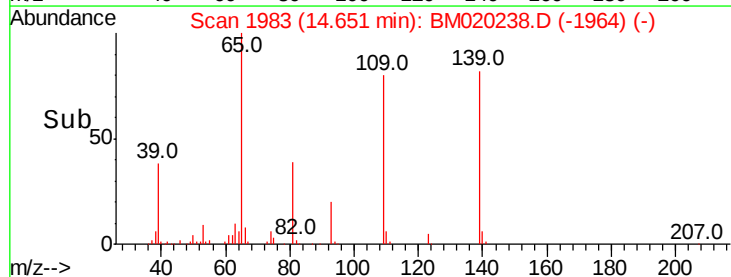
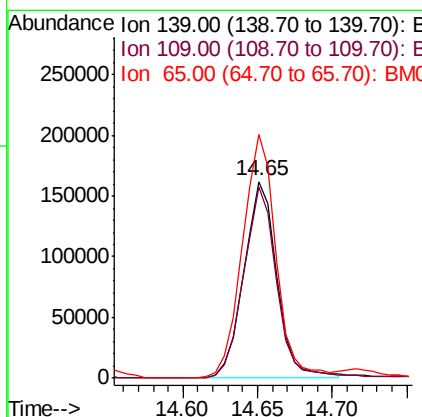
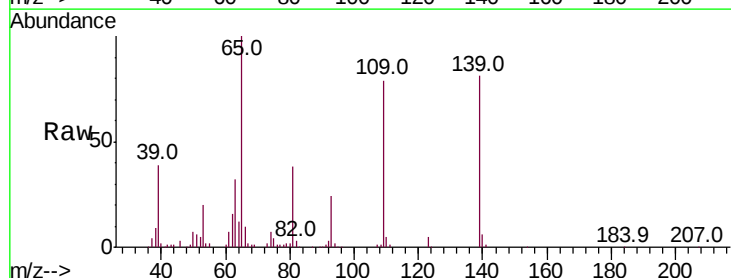
Instrument :
BNA_M
ClientSampleId :
PB119565BS

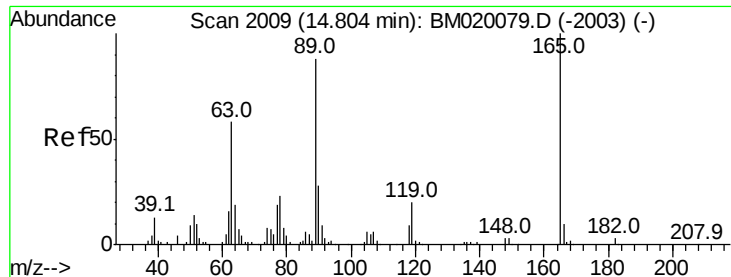
Tot Ion:168 Resp: 789186
Ion Ratio Lower Upper
168 100
139 36.9 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 88.748 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:139 Resp: 247446
Ion Ratio Lower Upper
139 100
109 97.4 94.1 134.1
65 123.9 120.9 160.9

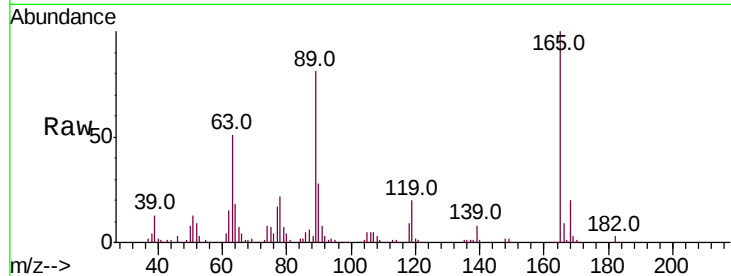




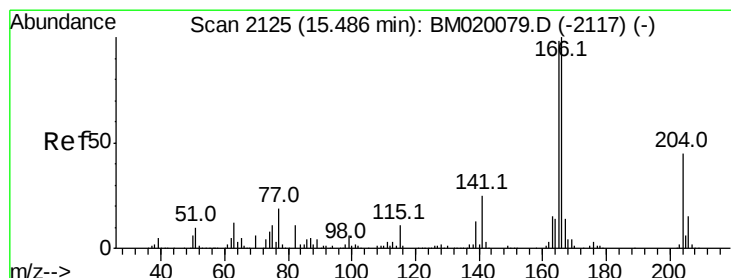
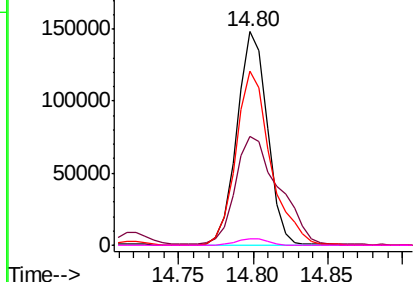
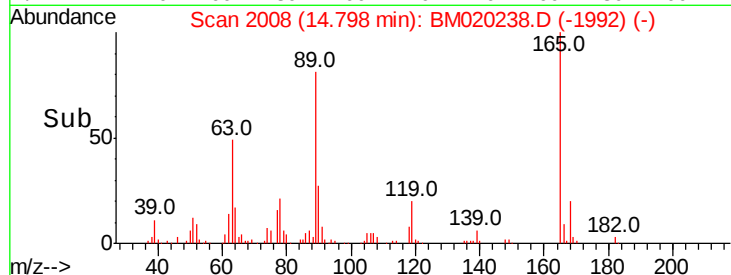
#57
2,4-Dinitrotoluene
Concen: 44.143 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:165 Resp: 211198
Ion Ratio Lower Upper
165 100
63 51.0 46.2 69.2
89 81.5 70.6 105.8
182 2.8 2.2 3.2

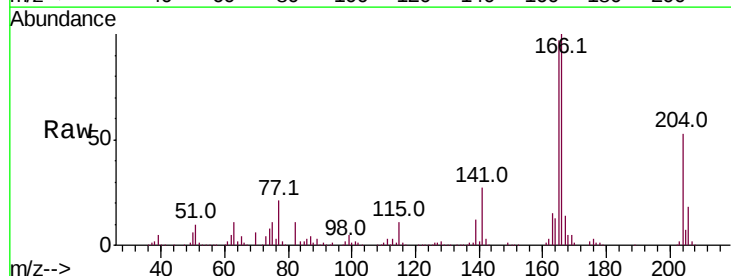


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

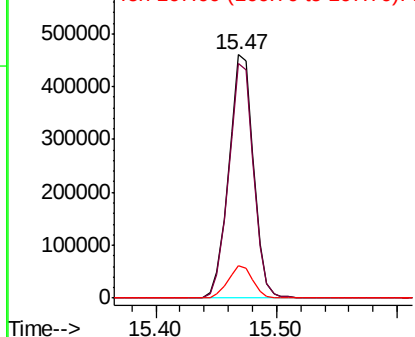
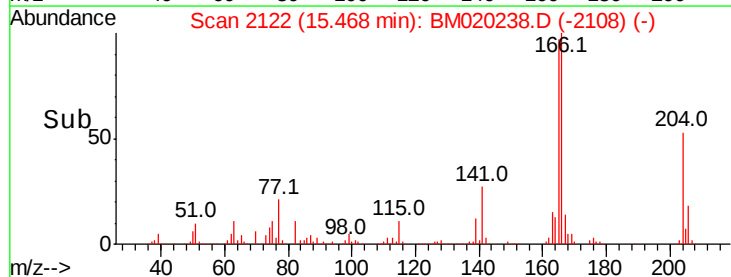


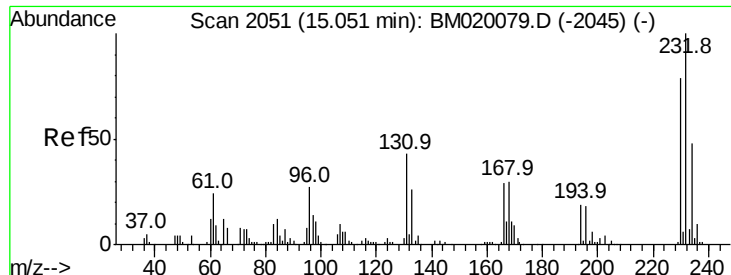
#58
Fluorene
Concen: 39.933 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:166 Resp: 656248
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

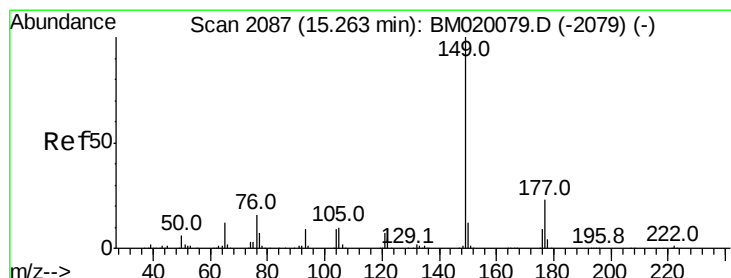
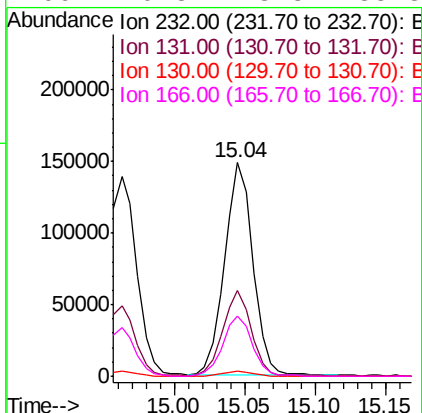
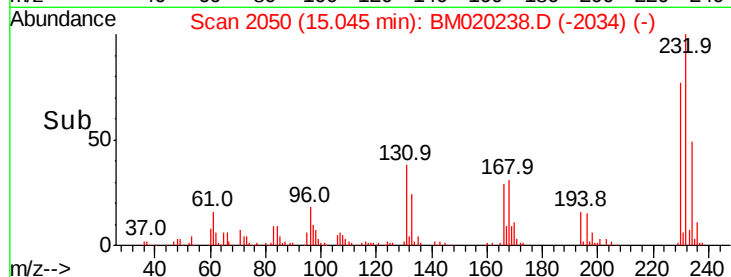
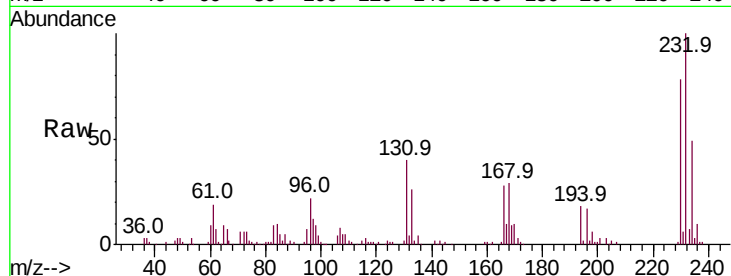




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.689 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

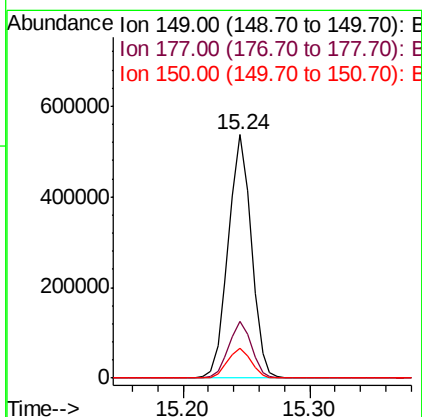
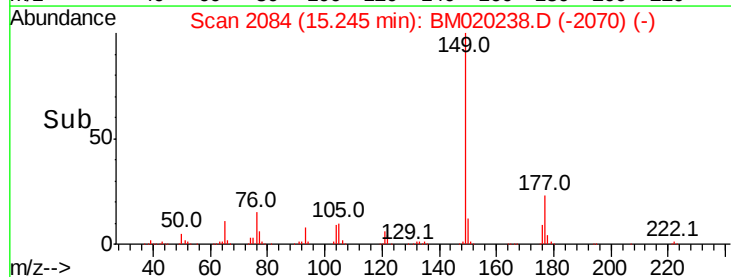
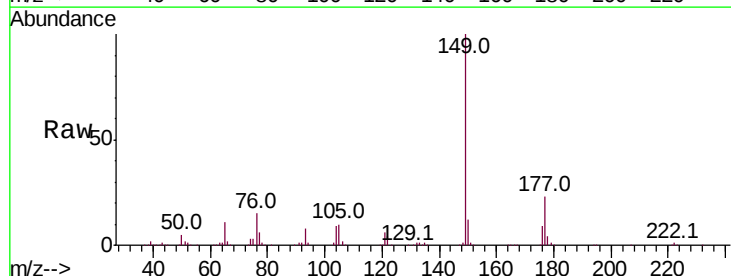
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

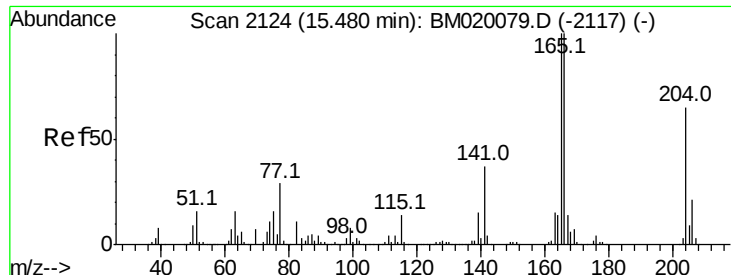
Tot Ion:	232	Resp:	207485
Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.2	51.4
130	2.3	2.0	3.0
166	29.3	23.8	35.8



#60
 Diethylphthalate
 Concen: 40.084 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion:	149	Resp:	675103
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.2	27.4
150	12.2	9.9	14.9

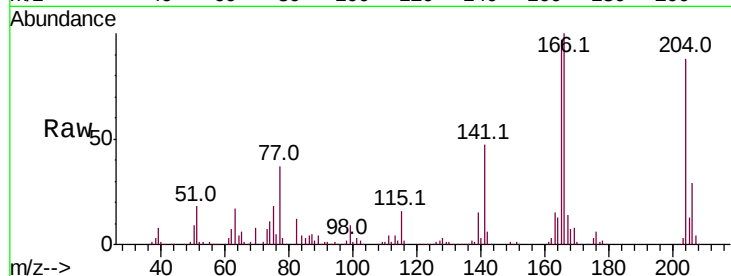




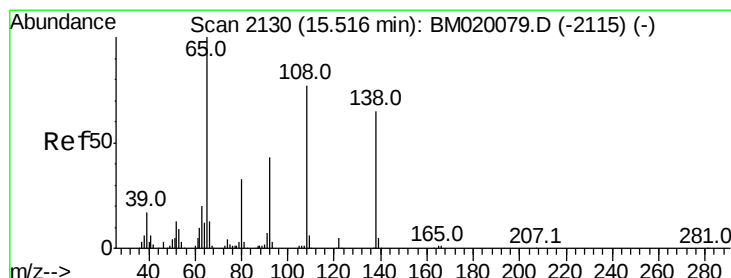
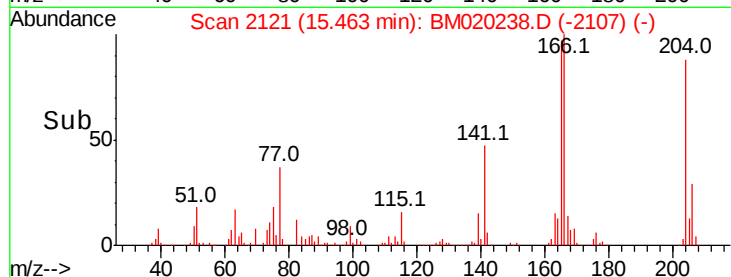
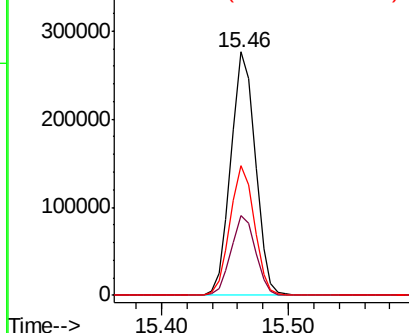
#61
 4-Chlorophenyl-phenylether
 Concen: 39.648 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion:	204	Resp:	369178
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	53.2	46.1	69.1

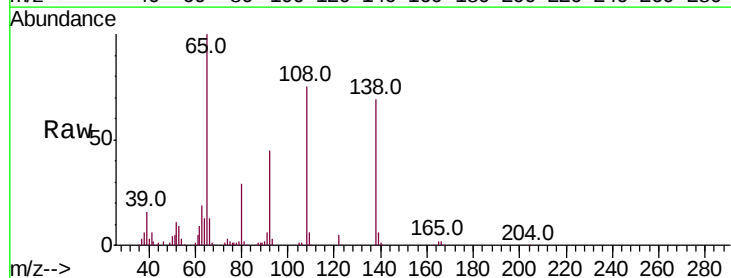


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

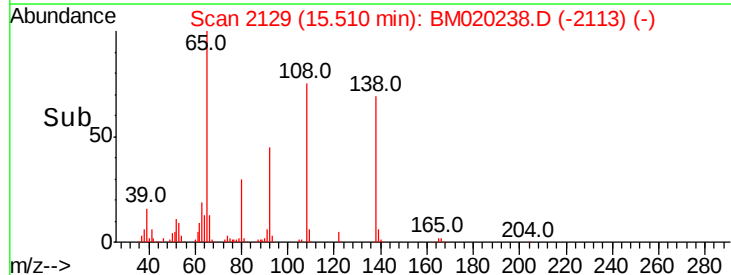
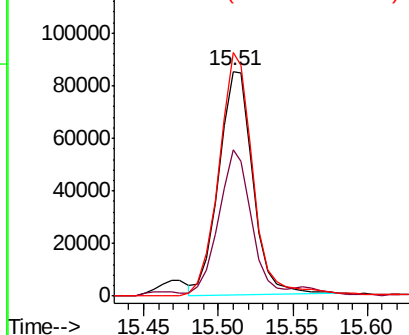


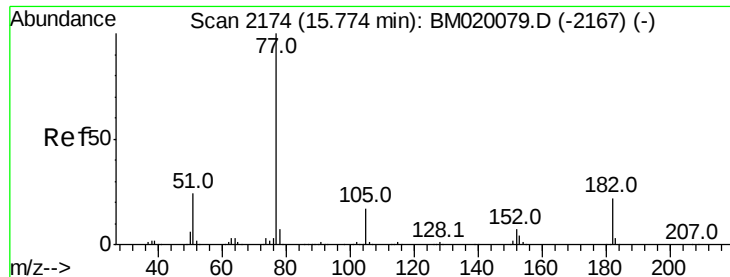
#62
 4-Nitroaniline
 Concen: 37.687 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion:	138	Resp:	135916
Ion	Ratio	Lower	Upper
138	100		
92	65.2	45.9	85.9
108	108.2	97.7	137.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.890 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion: 77 Resp: 732981

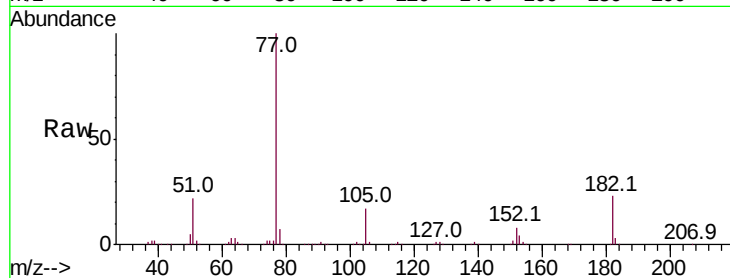
Ion Ratio Lower Upper

77 100

182 22.6 2.1 42.1

105 17.1 0.0 36.8

51 22.3 3.8 43.8

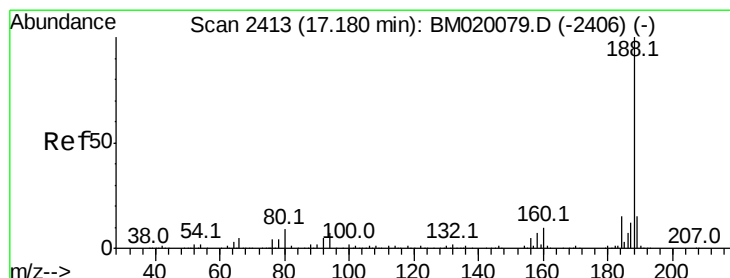
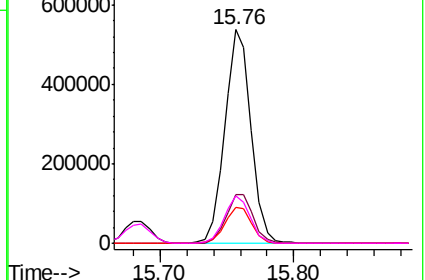
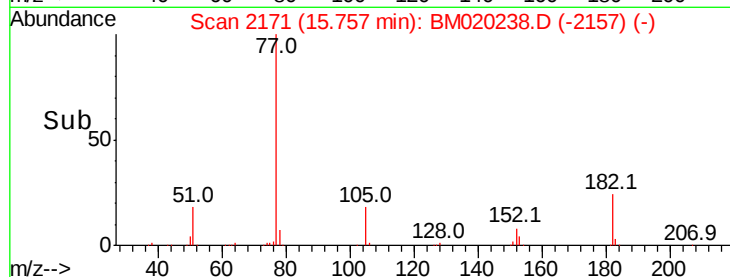


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

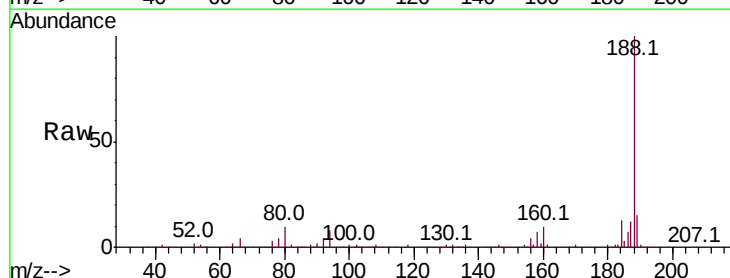
Tgt Ion: 188 Resp: 511678

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

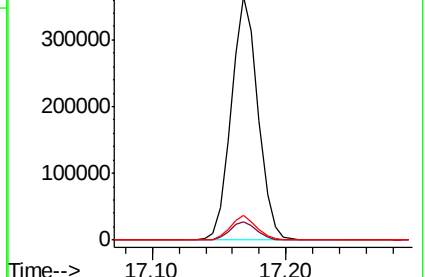
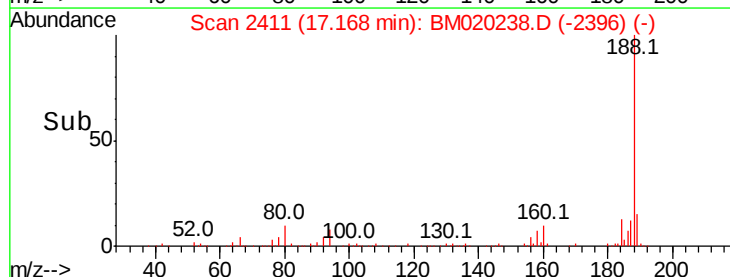
80 10.0 7.4 11.2

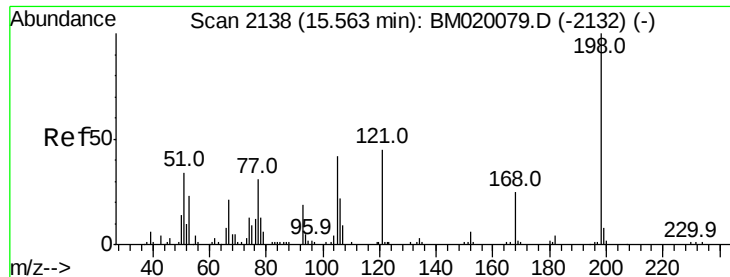


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

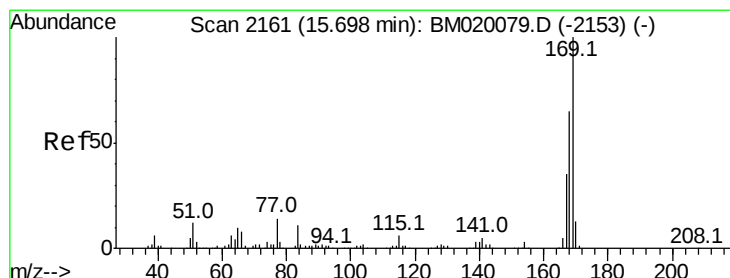
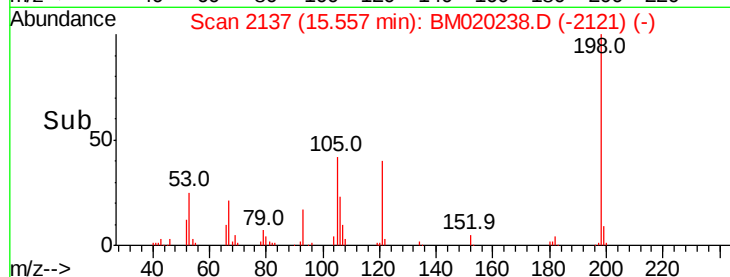
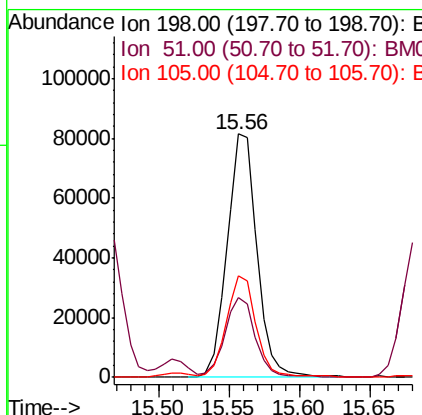
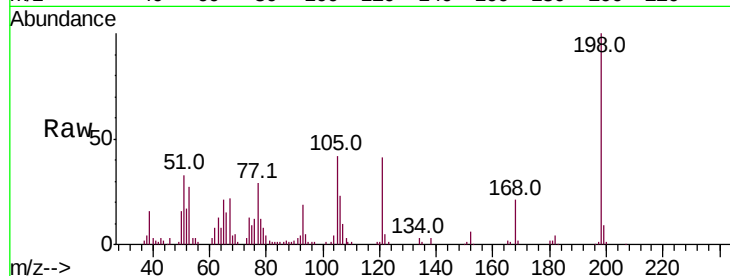




#65
4,6-Dinitro-2-methylphenol
Concen: 46.722 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

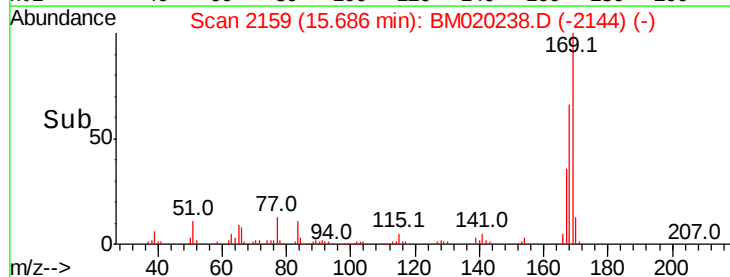
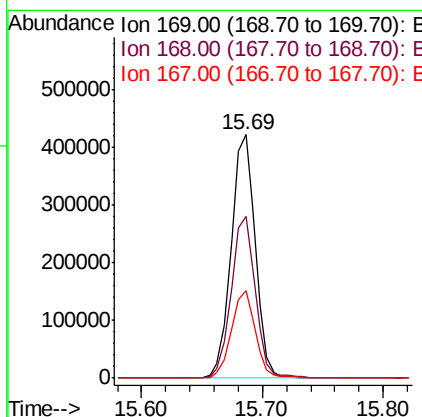
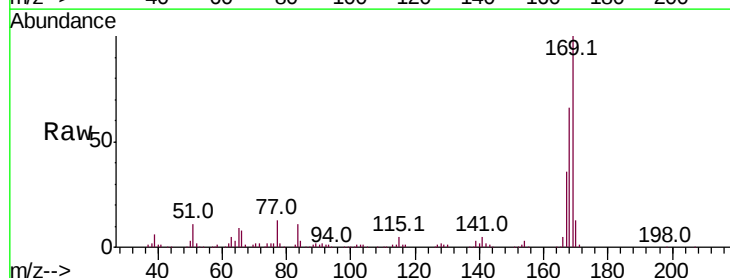
Instrument :
BNA_M
ClientSampleId :
PB119565BS

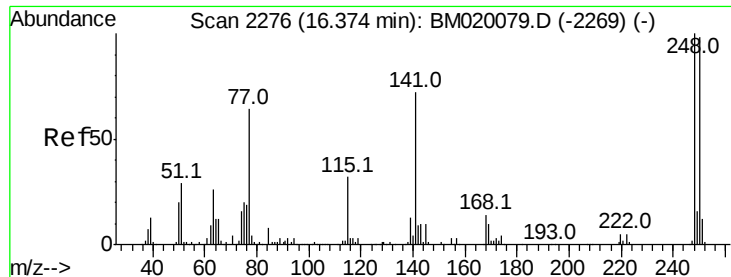
Tot Ion	198	Resp	120045
Ion Ratio	100	Lower	Upper
51	32.7	16.5	56.5
105	41.9	22.8	62.8



#66
n-Nitrosodiphenylamine
Concen: 38.943 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	169	Resp	586347
Ion Ratio	100	Lower	Upper
168	66.2	51.9	77.9
167	36.0	27.8	41.6

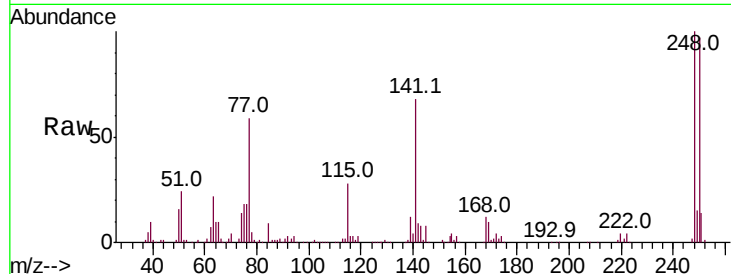




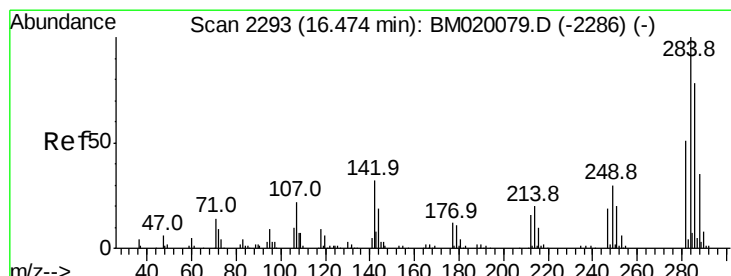
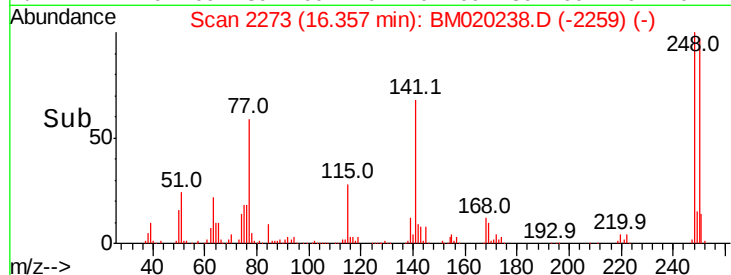
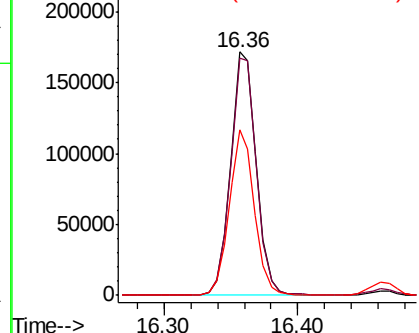
#67
 4-Bromophenyl-phenylether
 Concen: 36.804 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion:248 Resp: 230925
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.4 117.6
 141 67.9 57.4 86.2

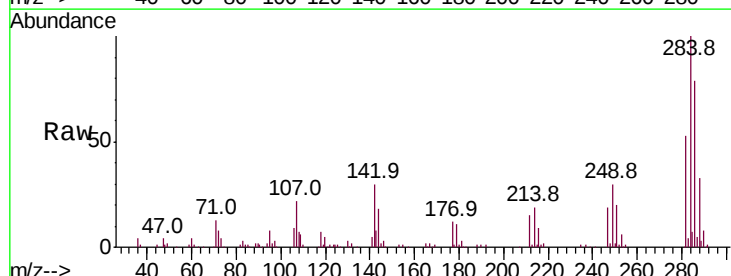


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

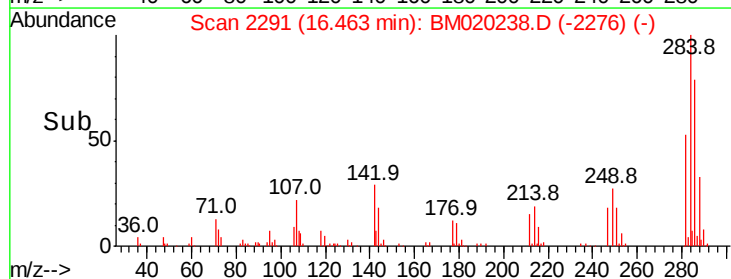
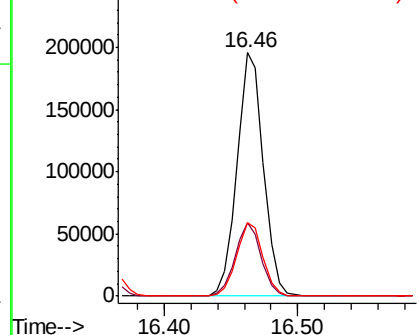


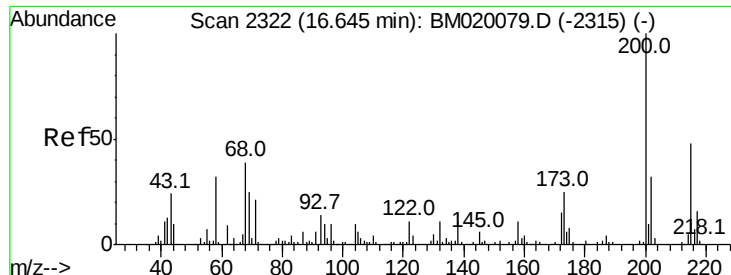
#68
 Hexachlorobenzene
 Concen: 37.164 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion:284 Resp: 268335
 Ion Ratio Lower Upper
 284 100
 142 29.9 25.2 37.8
 249 30.3 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

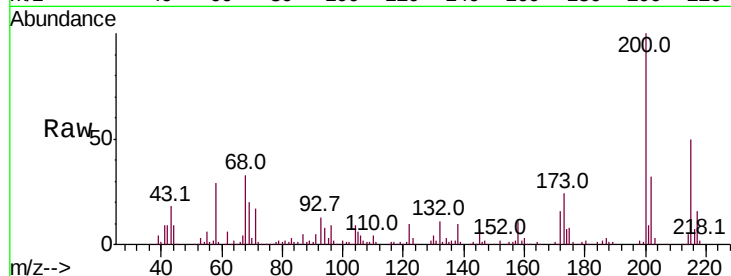




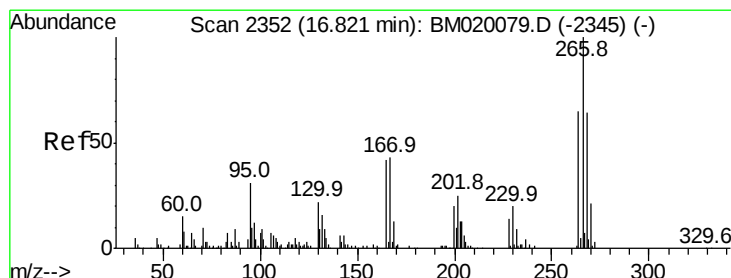
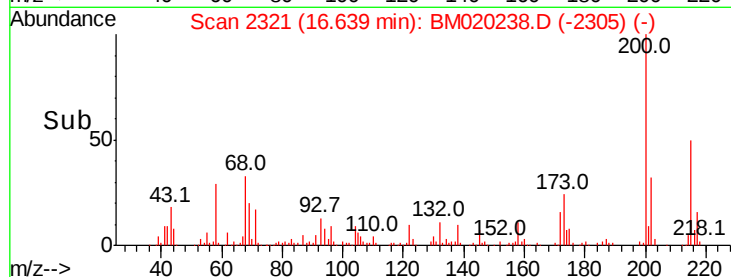
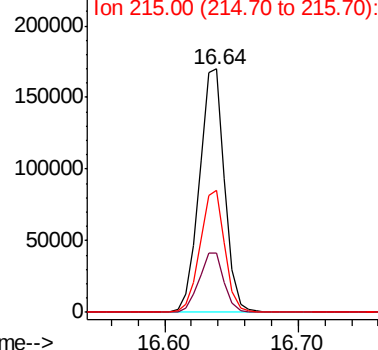
#69
Atrazine
Concen: 38.286 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.6	44.6
215	50.0	28.0	68.0

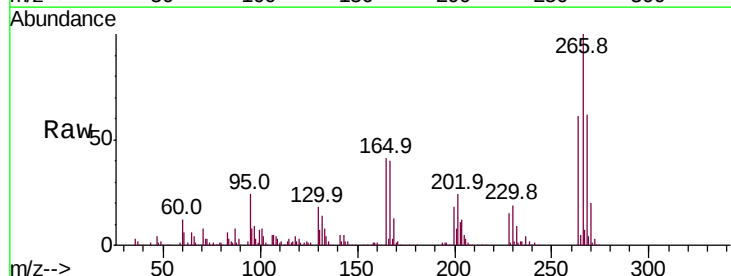


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

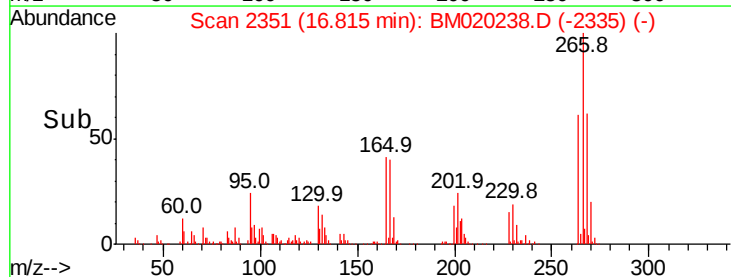
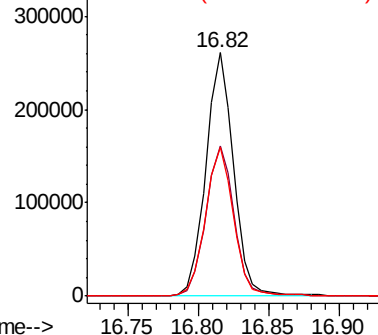


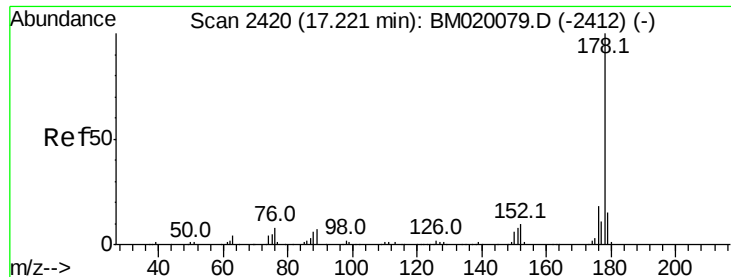
#70
Pentachlorophenol
Concen: 86.122 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.4	77.0
264	61.4	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

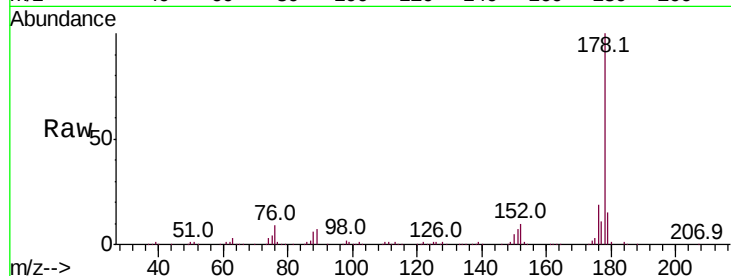




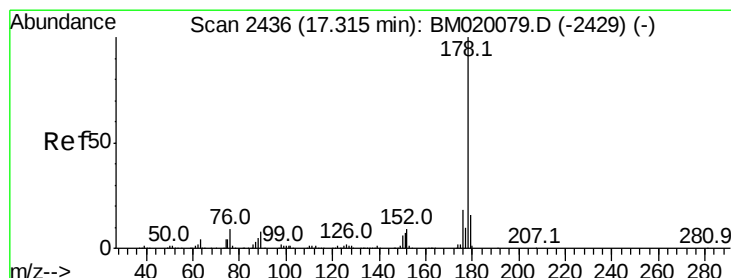
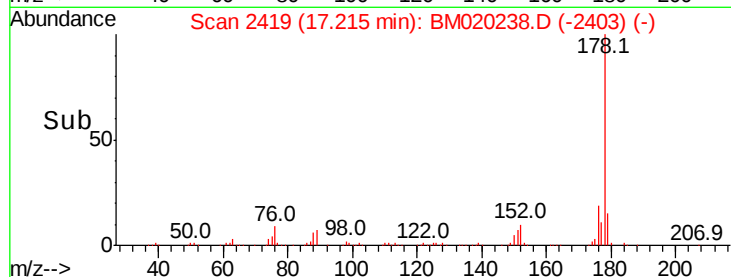
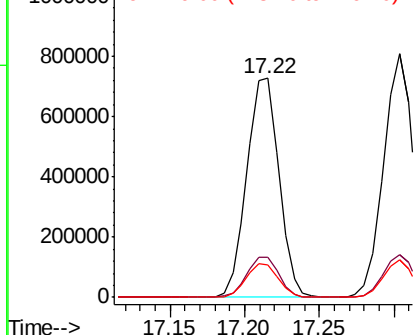
#71
Phenanthrene
Concen: 38.404 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:178 Resp: 1084726
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.1 12.4 18.6

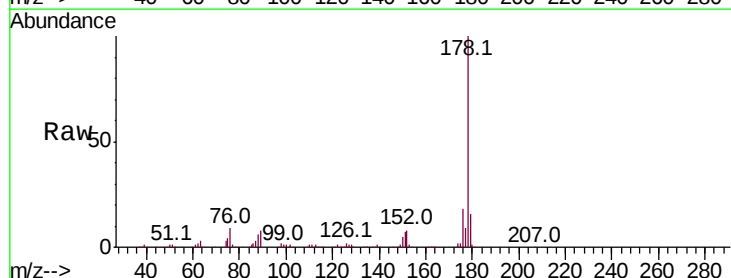


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

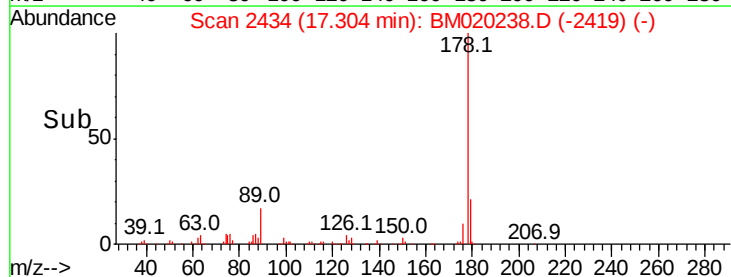
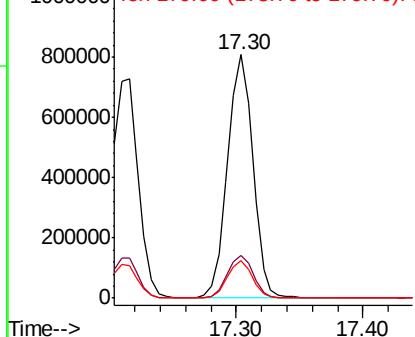


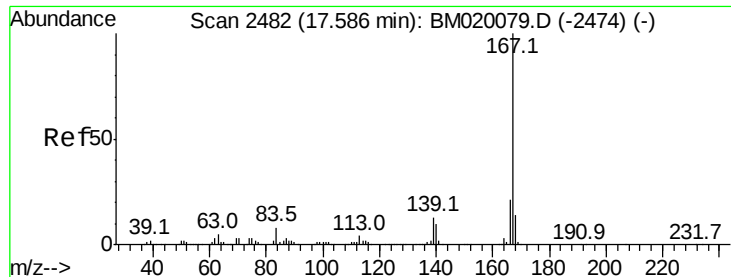
#72
Anthracene
Concen: 39.423 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:178 Resp: 1113316
Ion Ratio Lower Upper
178 100
176 17.7 14.6 22.0
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

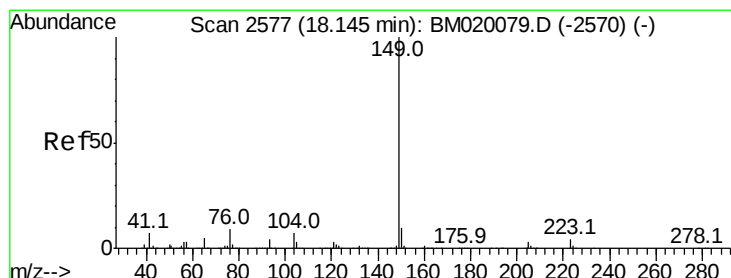
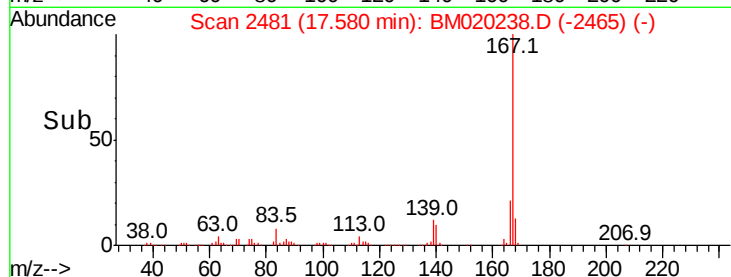
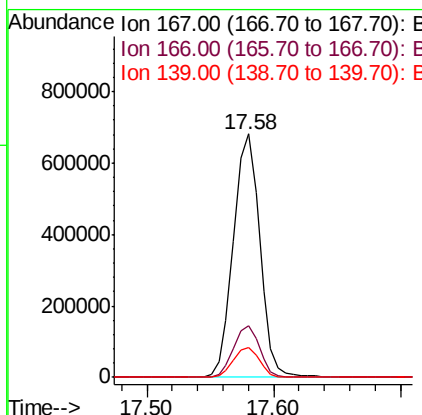
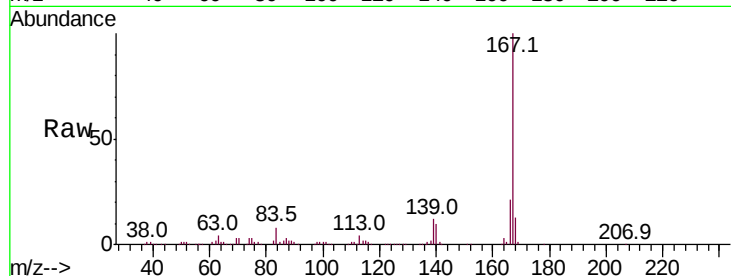




#73
 Carbazole
 Concen: 38.714 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

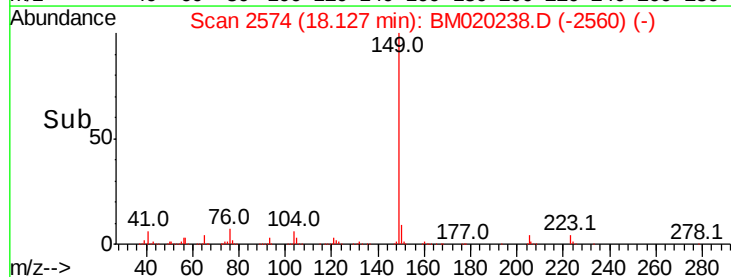
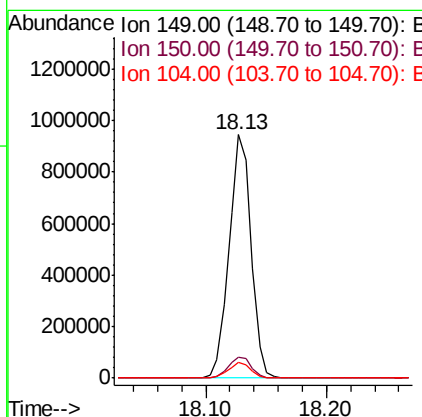
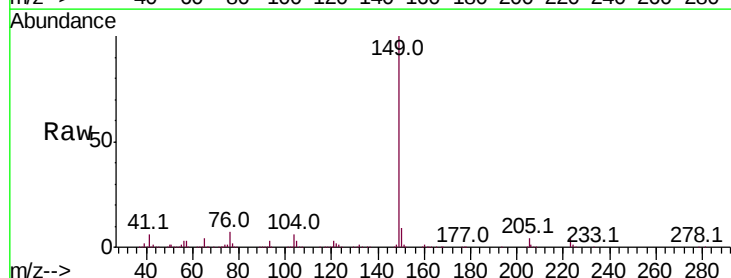
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

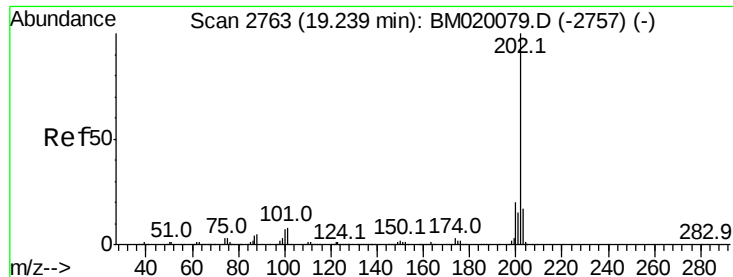
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 38.923 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.2	5.7	8.5





#75

Fluoranthene

Concen: 39.266 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

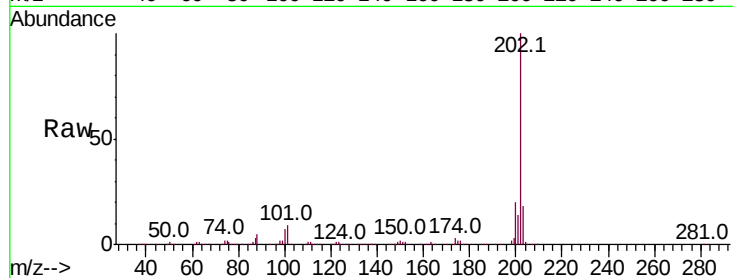
Tot Ion:202 Resp: 1403265

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.4

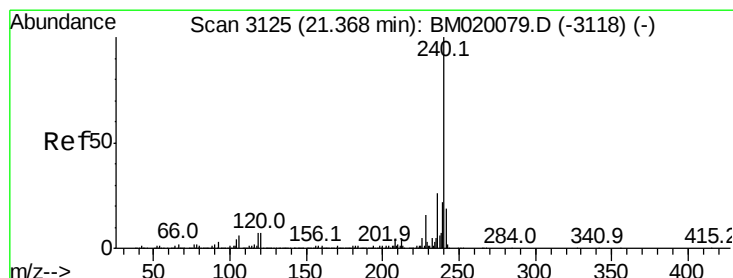
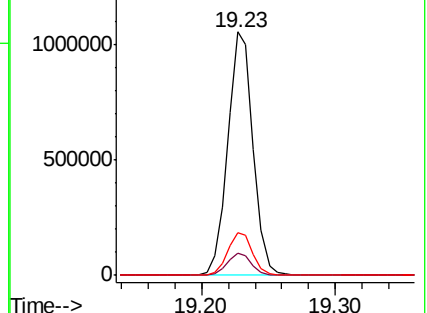
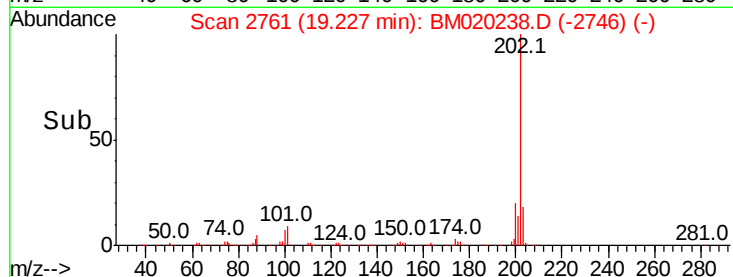
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

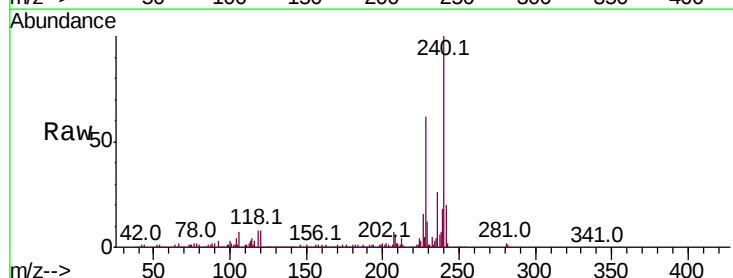
Tgt Ion:240 Resp: 560312

Ion Ratio Lower Upper

240 100

120 8.4 5.6 8.4#

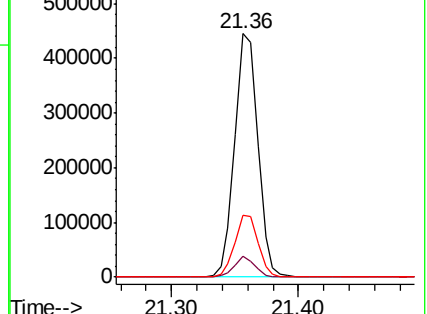
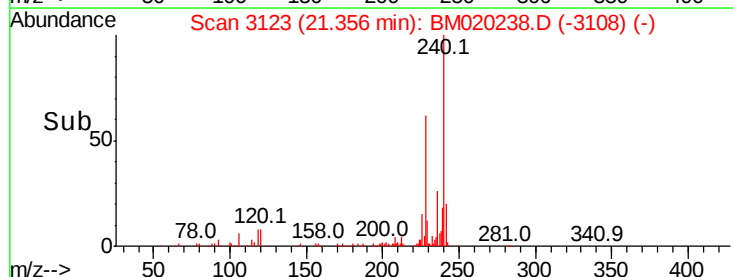
236 25.6 20.9 31.3

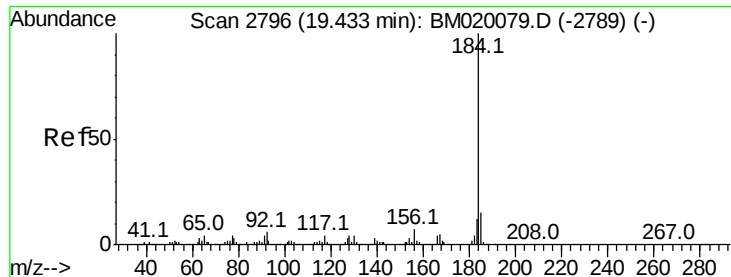


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.949 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

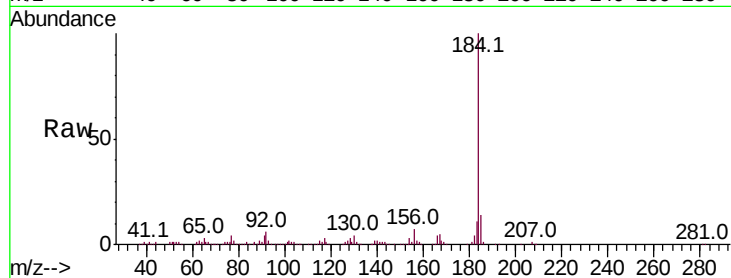
Tot Ion:184 Resp: 608142

Ion Ratio Lower Upper

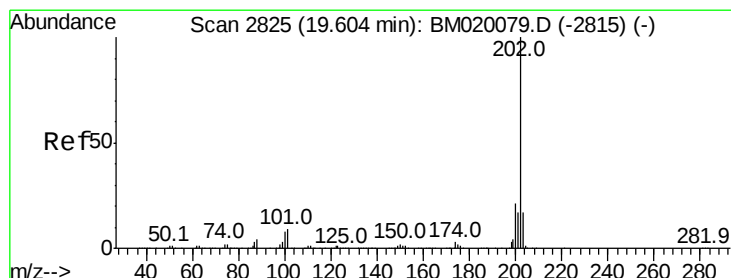
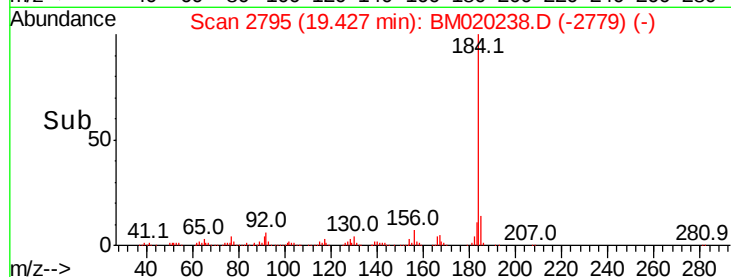
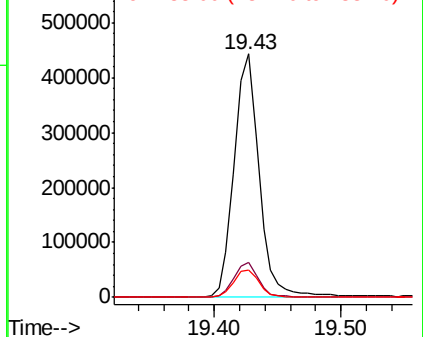
184 100

185 14.3 12.0 18.0

183 11.5 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.291 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

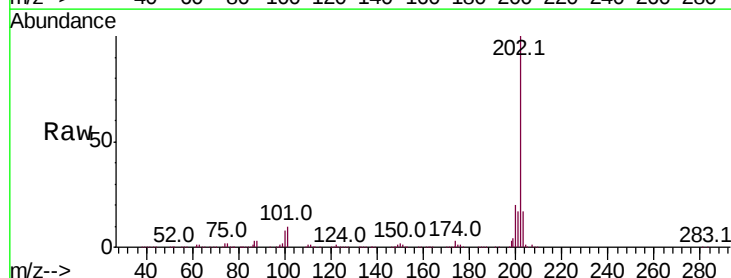
Tgt Ion:202 Resp: 1440471

Ion Ratio Lower Upper

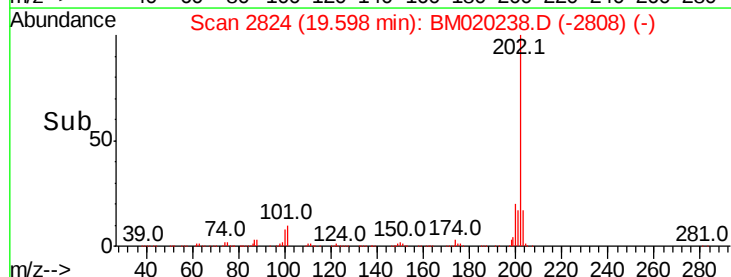
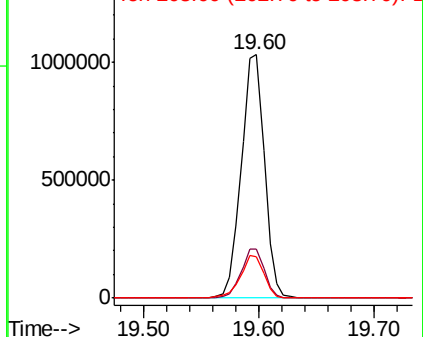
202 100

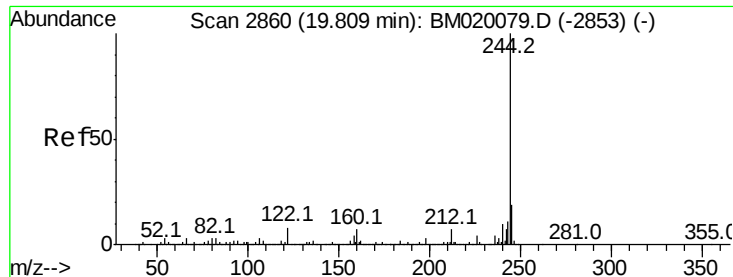
200 20.2 16.5 24.7

203 16.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.724 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

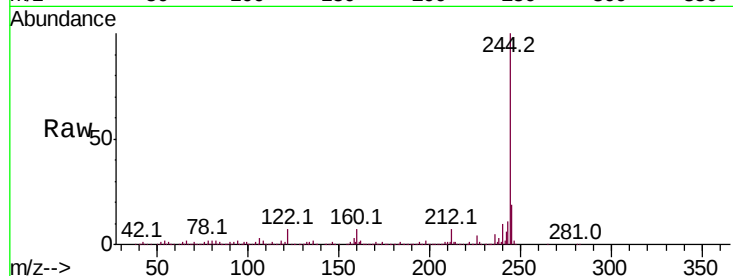
Tot Ion:244 Resp: 2432546

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

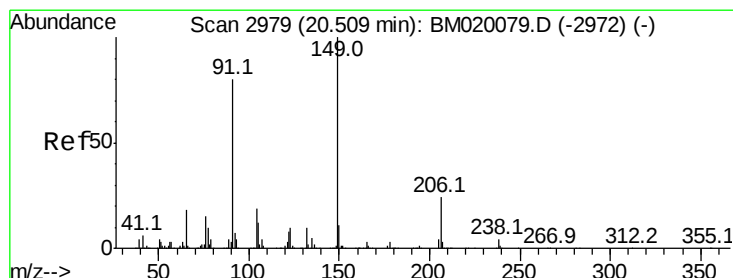
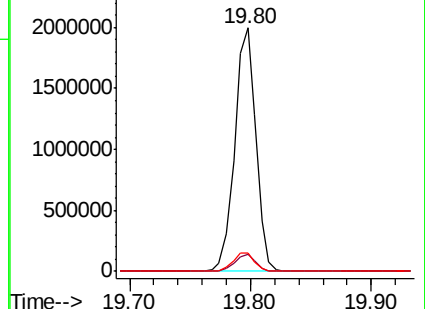
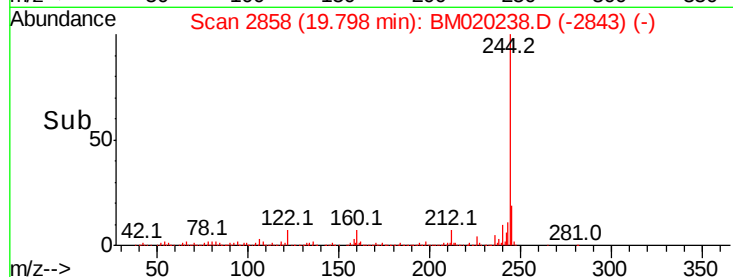
122 7.5 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.521 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

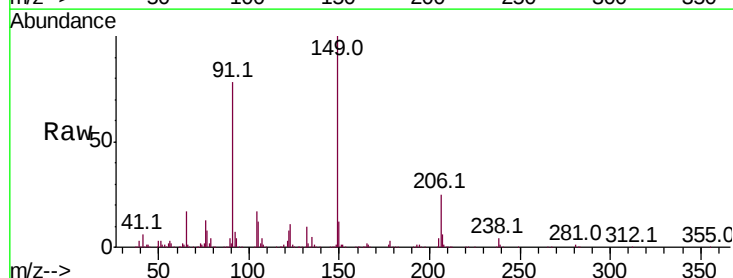
Tgt Ion:149 Resp: 581699

Ion Ratio Lower Upper

149 100

91 77.9 63.8 95.8

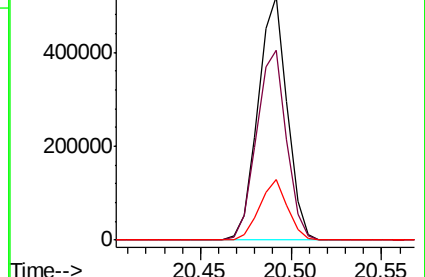
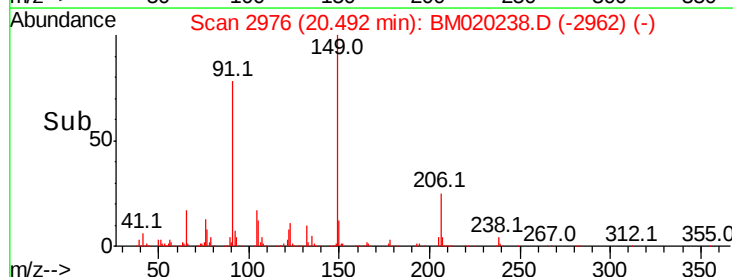
206 24.7 18.9 28.3

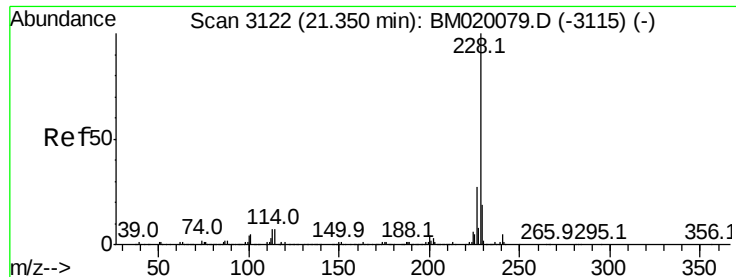


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



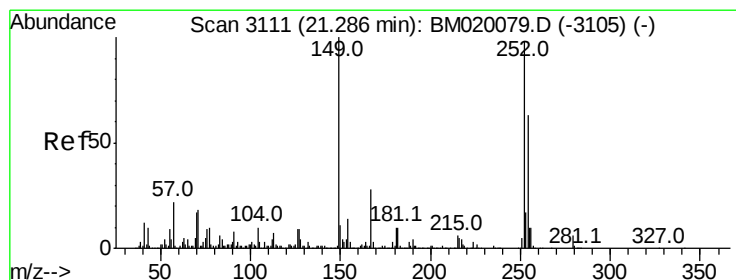
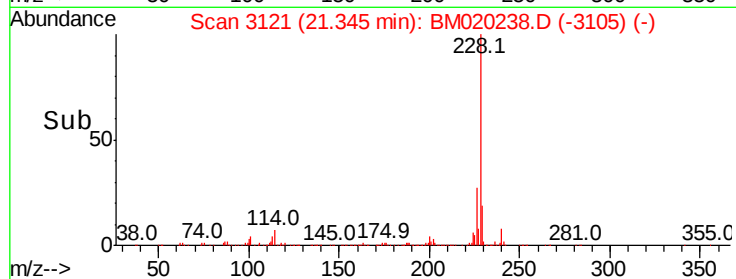
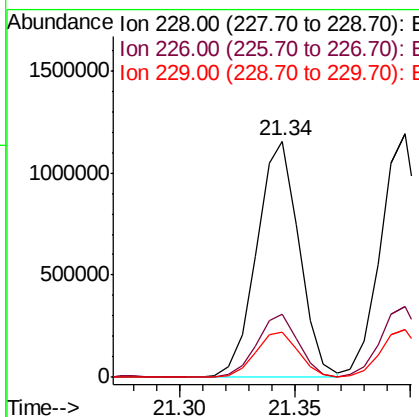
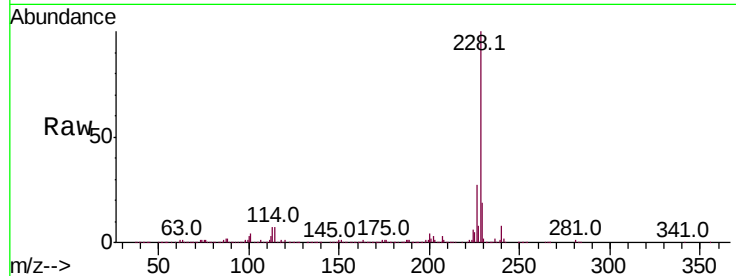


#81
Benzo(a)anthracene
Concen: 37.476 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:228 Resp: 1472612

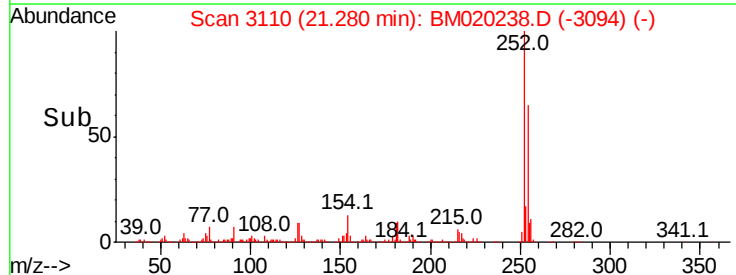
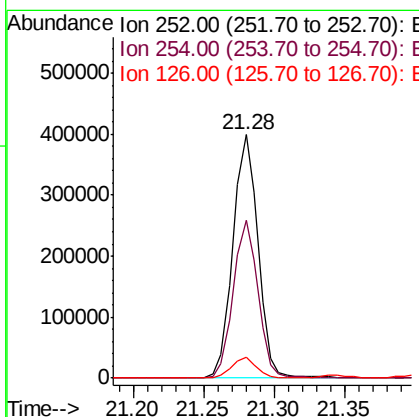
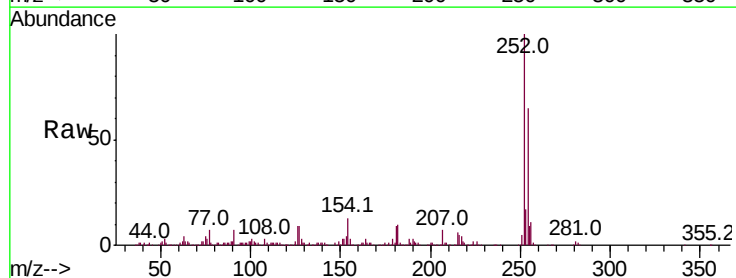
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.2	15.5	23.3

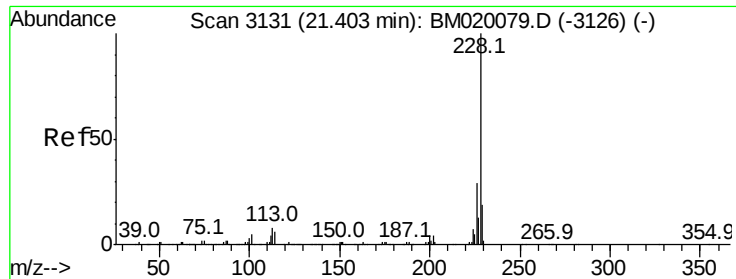


#82
3,3'-Dichlorobenzidine
Concen: 33.080 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:252 Resp: 496119

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	8.6	7.1	10.7





#83

Chrysene

Concen: 38.374 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

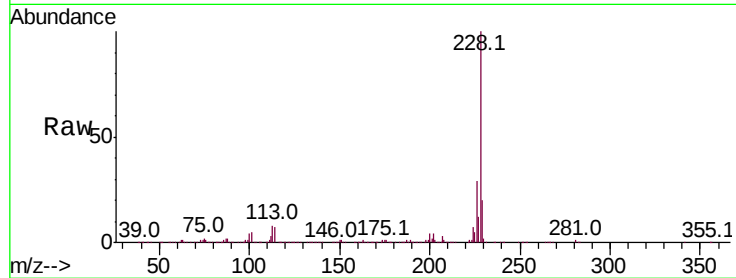
BNA_M

ClientSampleId :

PB119565BS

Tot Ion:228 Resp: 1462385

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.7	15.5	23.3

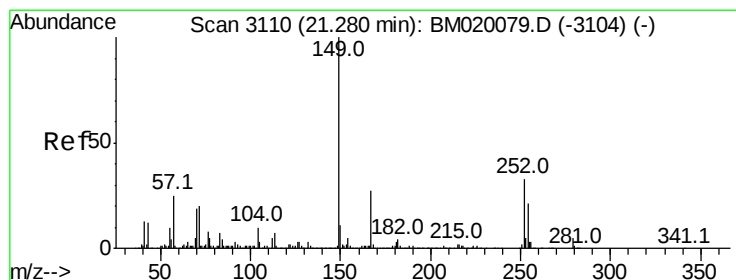
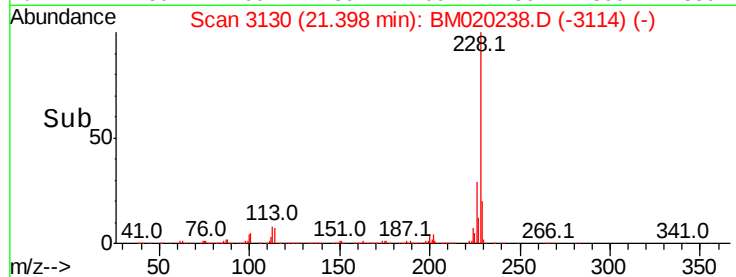
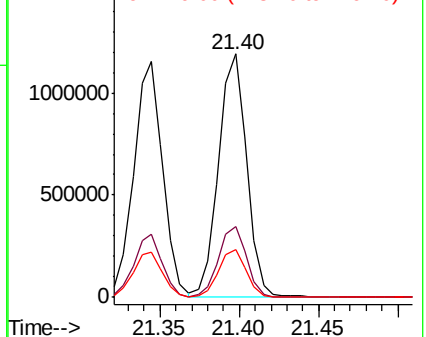


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.306 ng

RT: 21.26 min Scan# 3106

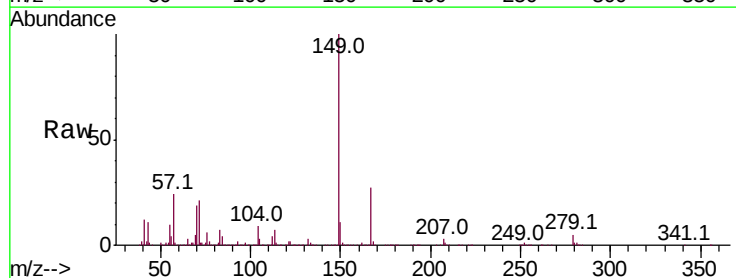
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:149 Resp: 855623

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.7	4.2	6.2

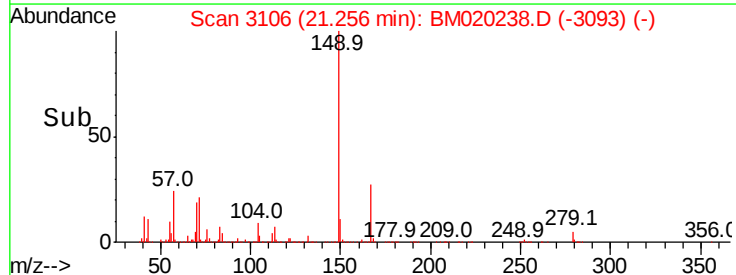
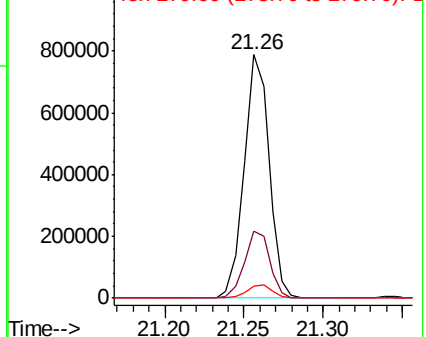


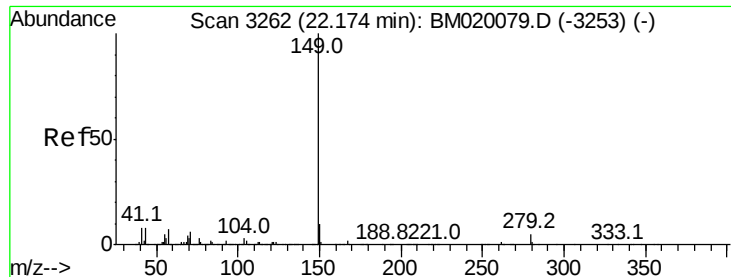
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

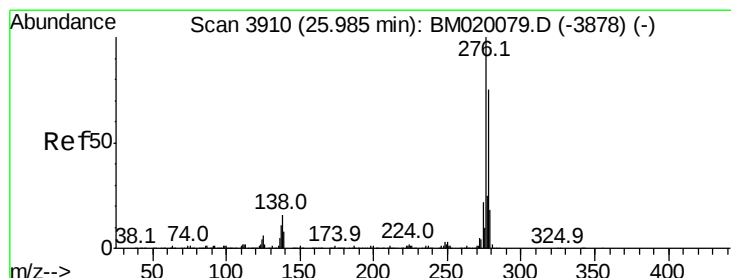
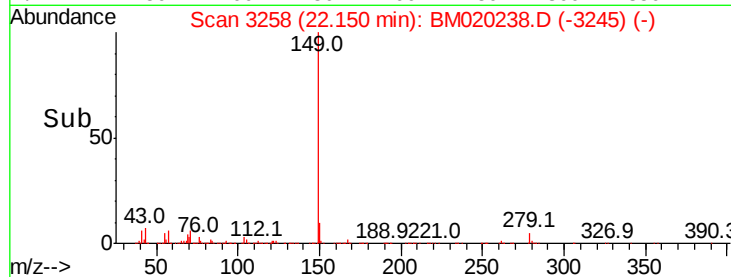
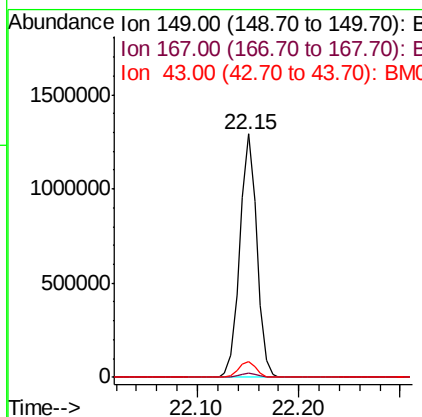
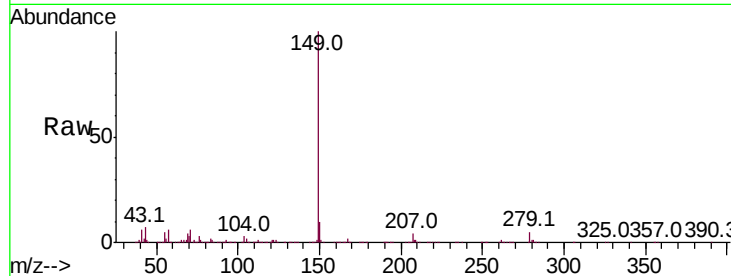




#85
Di-n-octyl phthalate
Concen: 42.576 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

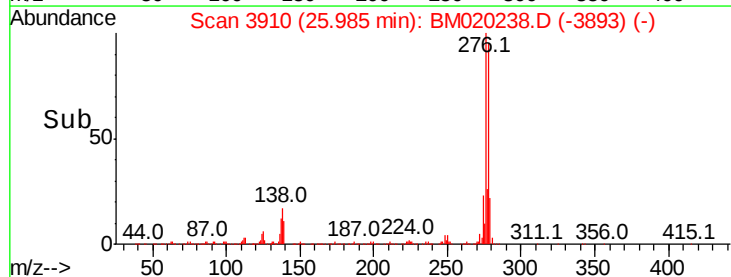
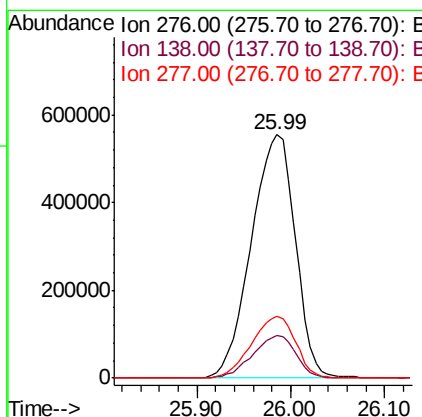
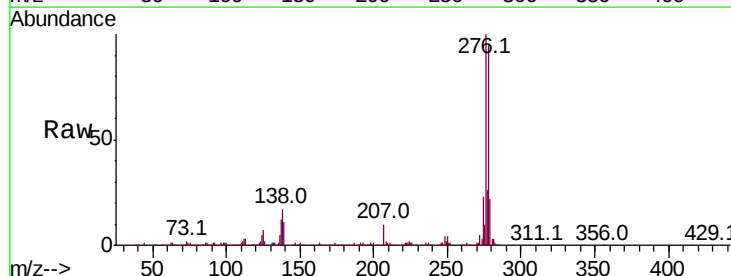
Instrument :
BNA_M
ClientSampleId :
PB119565BS

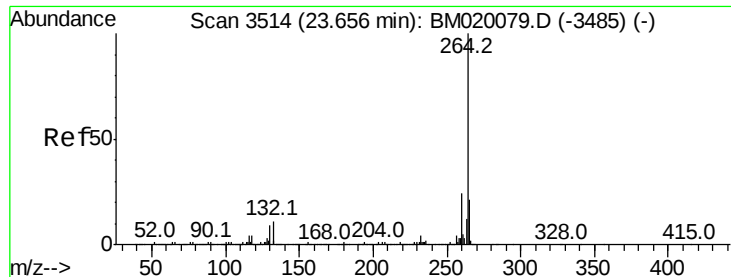
Tot Ion:149 Resp: 1502183
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.7 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.603 ng
RT: 25.99 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:276 Resp: 1795177
Ion Ratio Lower Upper
276 100
138 17.2 0.0 0.0#
277 25.4 0.0 0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

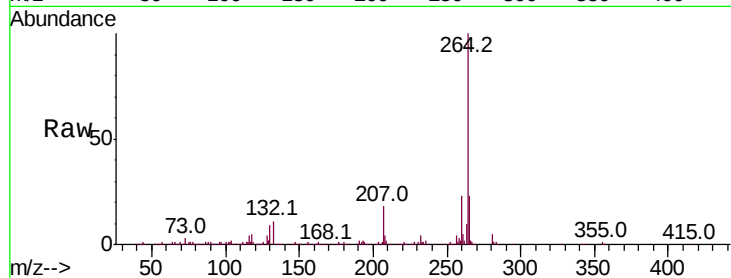
Tot Ion:264 Resp: 578195

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.6 16.9 25.3

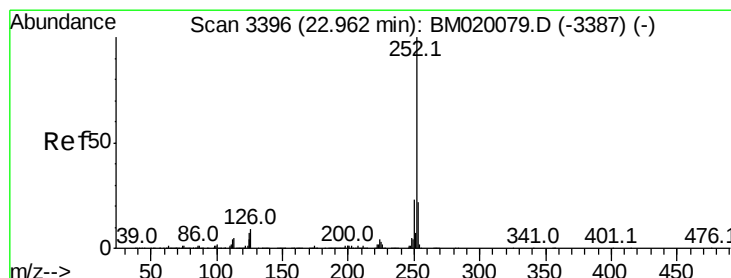
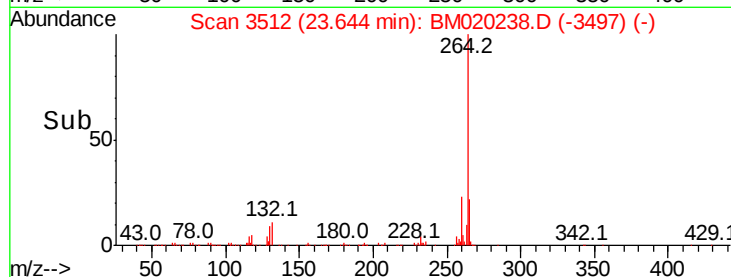
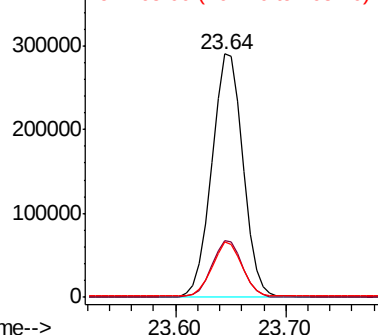


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.325 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

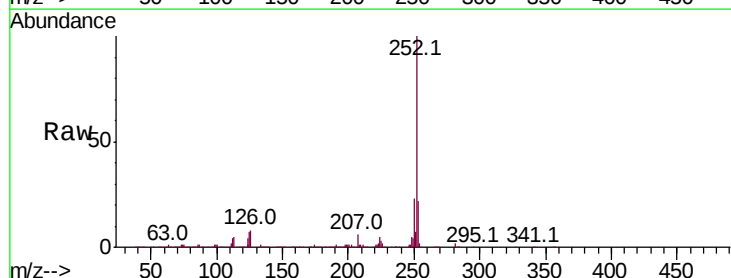
Tgt Ion:252 Resp: 1615999

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 6.6 5.4 8.2

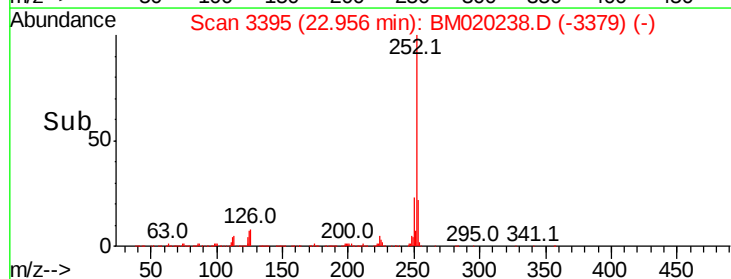
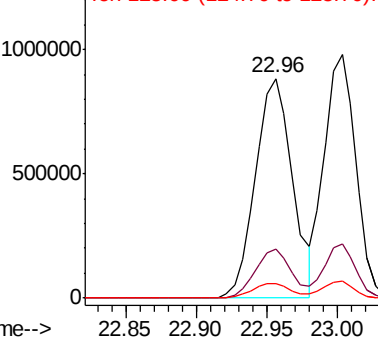


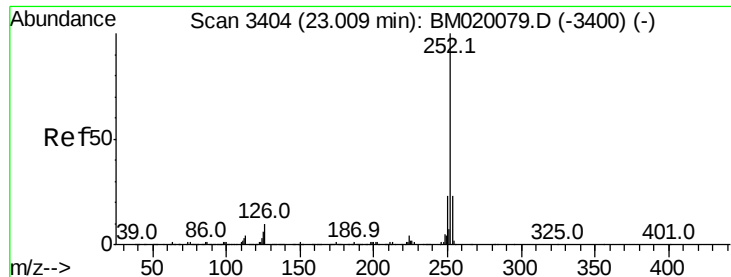
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.539 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

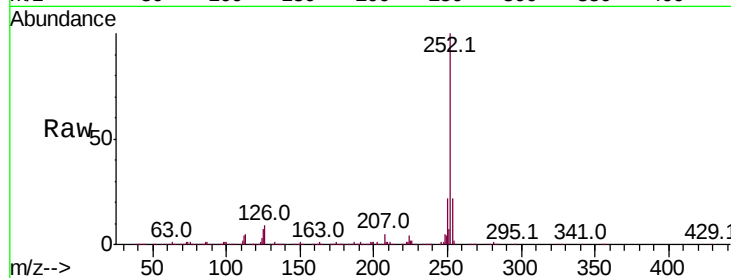
Tot Ion:252 Resp: 1516390

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

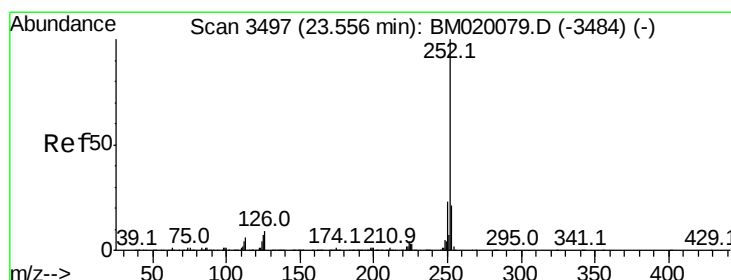
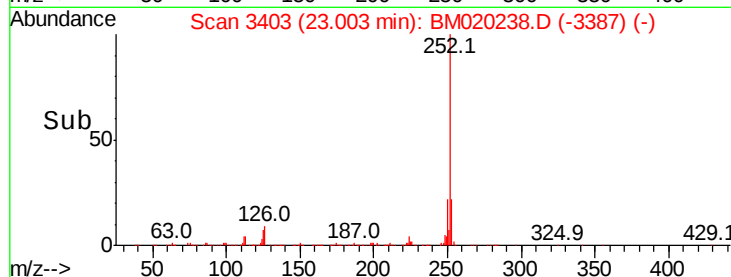
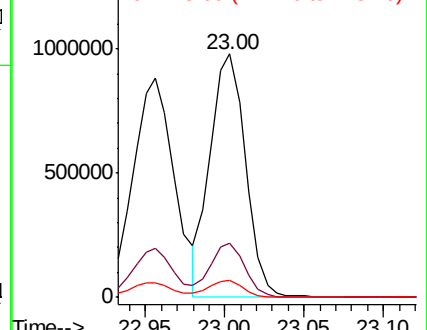
125 7.0 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.253 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

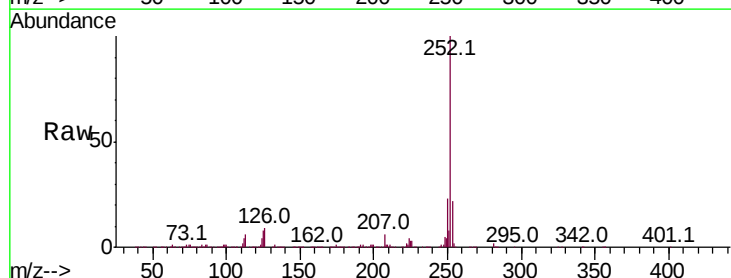
Tgt Ion:252 Resp: 1534724

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

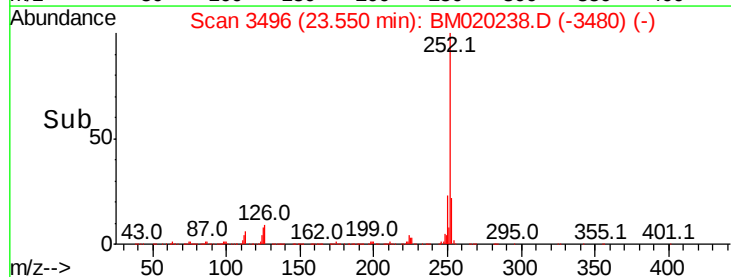
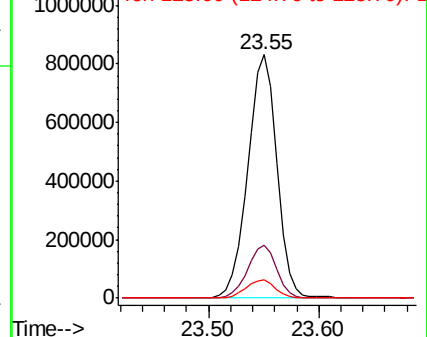
125 7.7 5.5 8.3

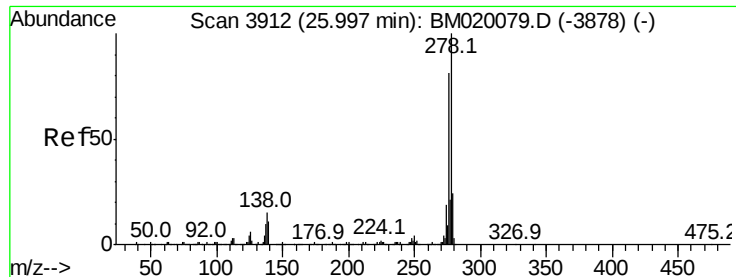


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.131 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

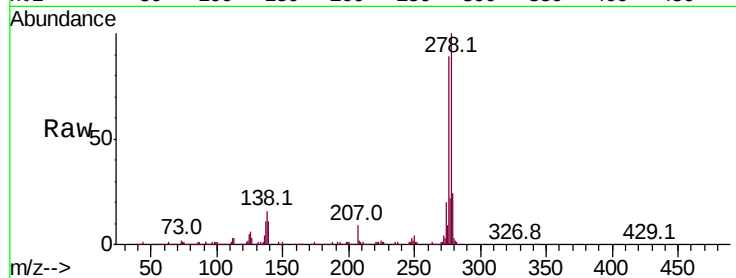
BNA_M

ClientSampleId :

PB119565BS

Tot Ion:278 Resp: 1555578

Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.6	13.0
279	24.1	18.8	28.2

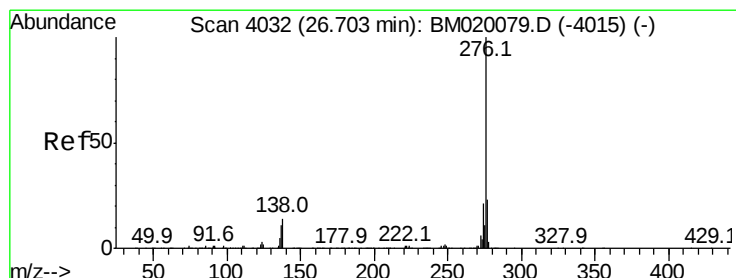
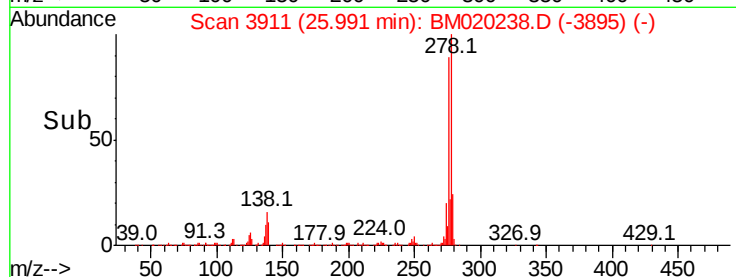
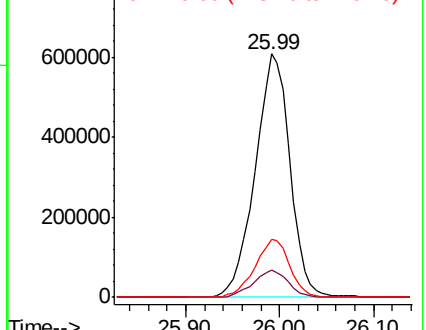


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.348 ng

RT: 26.70 min Scan# 4032

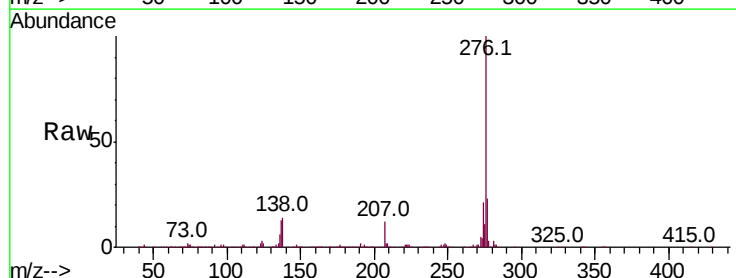
Delta R.T. 0.00 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:276 Resp: 1450059

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	14.2	11.1	16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

