

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020228.D
 Acq On : 09 May 2019 21:38
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:44:24 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	97650	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	362306	20.00	ng	-0.01
39) Acenaphthene-d10	14.42	164	214452	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	500662	20.00	ng	0.00
76) Chrysene-d12	21.36	240	518364	20.00	ng	0.00
87) Perylene-d12	23.65	264	642848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	543563	90.99	ng	-0.01
7) Phenol-d6	6.95	99	713937	87.48	ng	0.00
23) Nitrobenzene-d5	8.95	82	799051	87.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	307287	92.31	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1528672	87.70	ng	-0.02
79) Terphenyl-d14	19.80	244	2557132	86.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	131896	45.017	ng	# 91
3) Pyridine	3.70	79	351883	46.959	ng	97
4) n-Nitrosodimethylamine	3.62	42	93270	38.816	ng	# 67
6) Aniline	7.12	93	455722	44.359	ng	96
8) 2-Chlorophenol	7.34	128	290276	44.625	ng	98
9) Benzaldehyde	6.93	77	250984	40.632	ng	94
10) Phenol	6.97	94	384793	43.797	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	285057	44.640	ng	97
12) 1,3-Dichlorobenzene	7.66	146	337129	44.545	ng	97
13) 1,4-Dichlorobenzene	7.82	146	344202	45.021	ng	97
14) 1,2-Dichlorobenzene	8.13	146	320501	44.001	ng	98
15) Benzyl Alcohol	8.02	79	311159	39.539	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	213518	40.324	ng	96
17) 2-Methylphenol	8.22	107	244499	43.230	ng	95
18) Hexachloroethane	8.85	117	120683	37.857	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	278133	39.833	ng	96
20) 3+4-Methylphenols	8.55	107	320767	42.673	ng	96
22) Acetophenone	8.60	105	428125	43.237	ng	# 96
24) Nitrobenzene	8.99	77	405900	42.659	ng	92
25) Isophorone	9.50	82	682671	43.138	ng	99
26) 2-Nitrophenol	9.69	139	152338	53.032	ng	93
27) 2,4-Dimethylphenol	9.75	122	208220	43.539	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	381647	44.279	ng	97
29) 2,4-Dichlorophenol	10.22	162	274624	45.540	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	334853	45.127	ng	98
31) Naphthalene	10.62	128	845270	44.958	ng	99
32) Benzoic acid	9.87	122	153243	45.444	ng	94
33) 4-Chloroaniline	10.74	127	333998	43.161	ng	96
34) Hexachlorobutadiene	10.89	225	230539	43.920	ng	95
35) Caprolactam	11.54	113	78413	43.486	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	299600	42.277	ng	92
37) 2-Methylnaphthalene	12.23	142	601180	43.860	ng	96
38) 1-Methylnaphthalene	12.46	142	583594	43.541	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	378914	45.162	ng	# 97

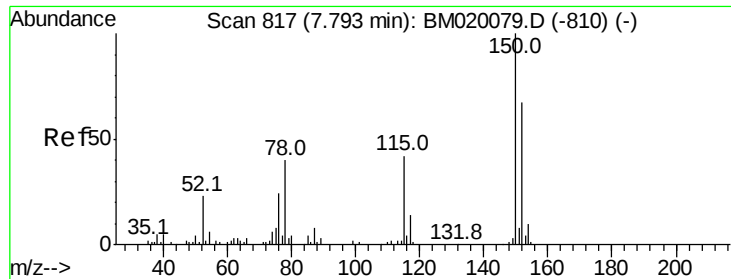
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	35343	7.154	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	226369	47.473	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	242123	45.453	ng	95
46) 1,1'-Biphenyl	13.25	154	784670	44.454	ng	98
47) 2-Chloronaphthalene	13.30	162	627305	44.511	ng	98
48) 2-Nitroaniline	13.52	65	222190	44.284	ng	90
49) Acenaphthylene	14.14	152	1005570	44.583	ng	99
50) Dimethylphthalate	13.88	163	764276	41.932	ng	100
51) 2,6-Dinitrotoluene	14.01	165	169389	44.124	ng	88
52) Acenaphthene	14.49	154	575055	44.460	ng	99
53) 3-Nitroaniline	14.34	138	165036	46.319	ng	100
54) 2,4-Dinitrophenol	14.56	184	18144	16.908	ng	85
55) Dibenzofuran	14.82	168	949197	43.507	ng	96
56) 4-Nitrophenol	14.65	139	129656	42.650	ng	88
57) 2,4-Dinitrotoluene	14.80	165	227331	43.580	ng	92
58) Fluorene	15.47	166	774207	43.209	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	227556	44.952	ng	96
60) Diethylphthalate	15.24	149	747421	40.702	ng	98
61) 4-Chlorophenyl-phenylether	15.47	204	423746	41.739	ng	94
62) 4-Nitroaniline	15.51	138	174426	44.360	ng	93
63) Azobenzene	15.76	77	841585	38.848	ng	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	35830	19.229	ng	95
66) n-Nitrosodiphenylamine	15.69	169	660028	44.802	ng	97
67) 4-Bromophenyl-phenylether	16.36	248	271679	44.252	ng	96
68) Hexachlorobenzene	16.47	284	313439	44.366	ng	97
69) Atrazine	16.63	200	238748	41.469	ng	99
70) Pentachlorophenol	16.82	266	188747	46.694	ng	98
71) Phenanthrene	17.22	178	1233141	44.619	ng	100
72) Anthracene	17.30	178	1236906	44.763	ng	99
73) Carbazole	17.58	167	1101560	44.181	ng	98
74) Di-n-butylphthalate	18.13	149	1284839	42.820	ng	98
75) Fluoranthene	19.23	202	1520418	43.481	ng	100
77) Benzidine	19.43	184	701899	42.353	ng	98
78) Pyrene	19.60	202	1569933	45.110	ng	99
80) Butylbenzylphthalate	20.49	149	598480	47.288	ng	96
81) Benzo(a)anthracene	21.34	228	1613908	44.396	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	645579	46.529	ng	98
83) Chrysene	21.40	228	1578755	44.780	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	859434	43.762	ng	99
85) Di-n-octyl phthalate	22.15	149	1482369	45.415	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	2146317	51.181	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1747559	41.167	ng	100
89) Benzo(k)fluoranthene	23.00	252	1614889	41.704	ng	100
90) Benzo(a)pyrene	23.55	252	1661562	43.092	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1800472	44.900	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1751880	46.017	ng	97

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

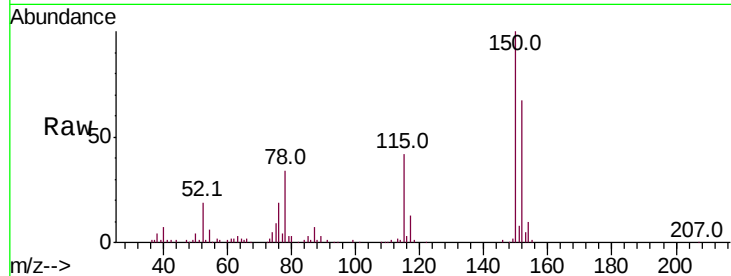


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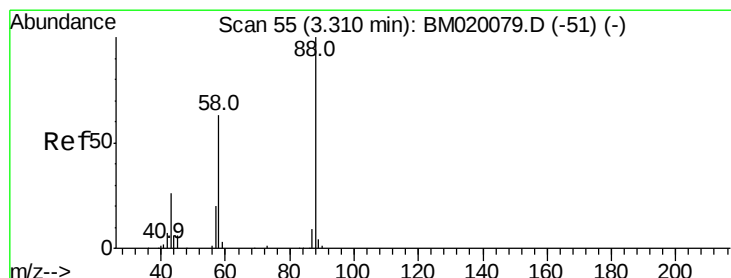
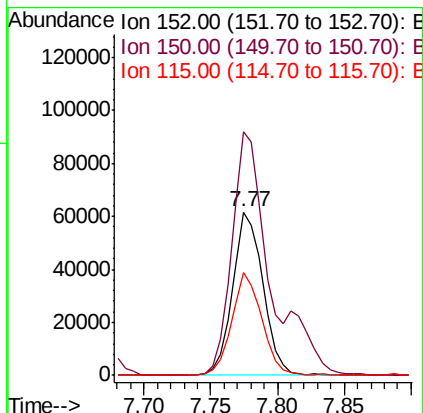
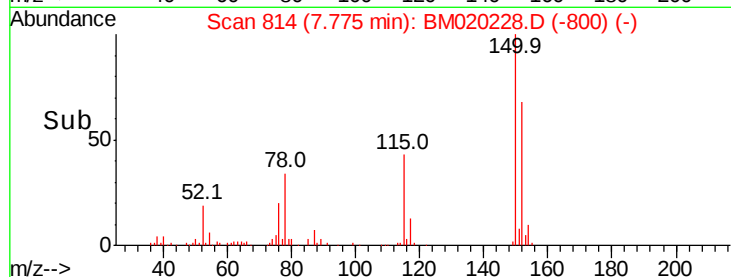
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.8	179.8
115	63.5	50.8	76.2



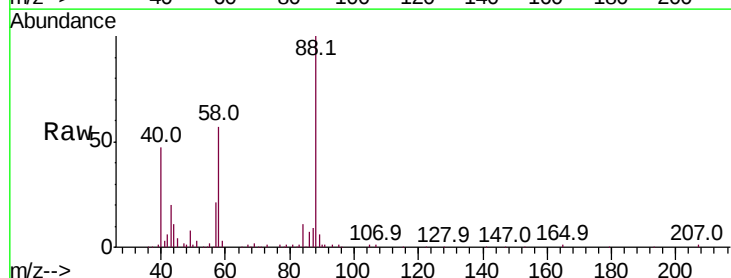
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



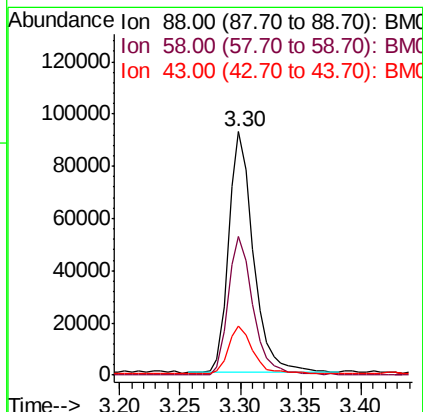
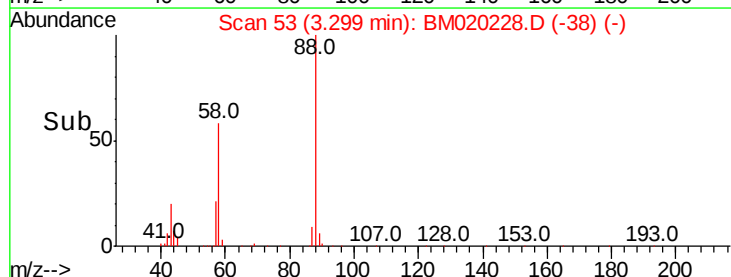
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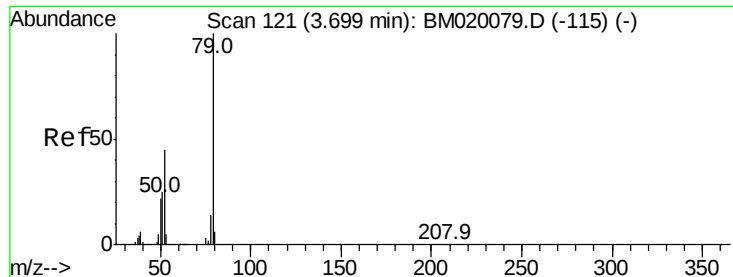
1,4-Dioxane
Concen: 45.017 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.6	51.8	77.6
43	20.0	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: 46.959 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

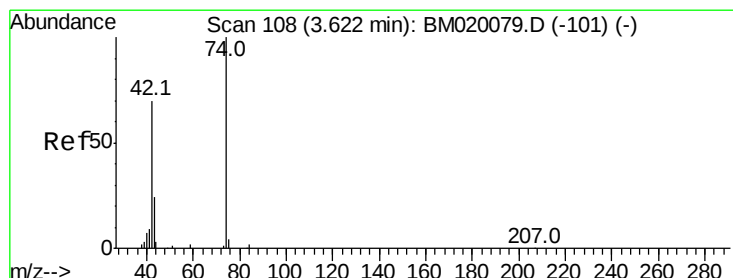
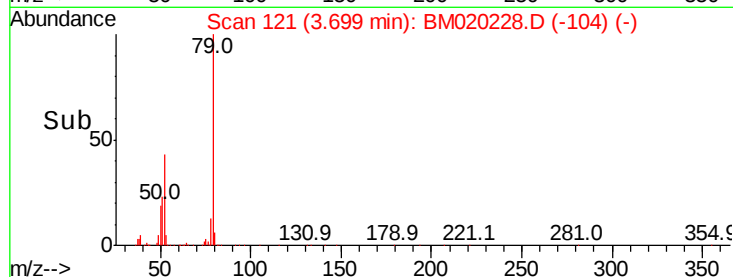
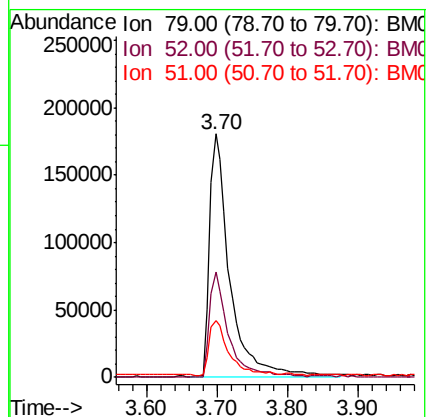
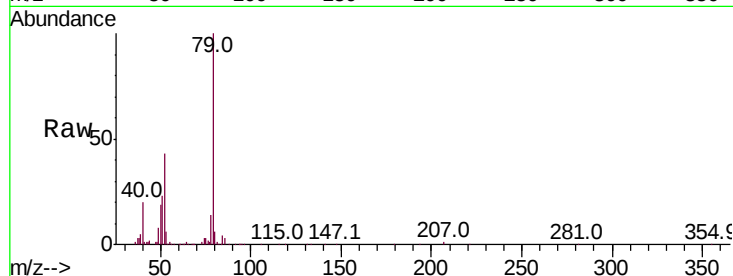
Tot Ion: 79 Resp: 351883

Ion Ratio Lower Upper

79 100

52 43.2 35.7 53.5

51 23.4 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 38.816 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

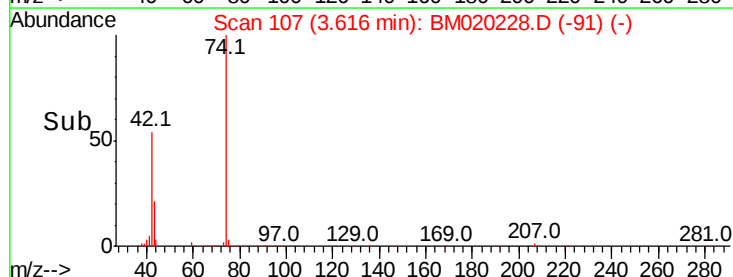
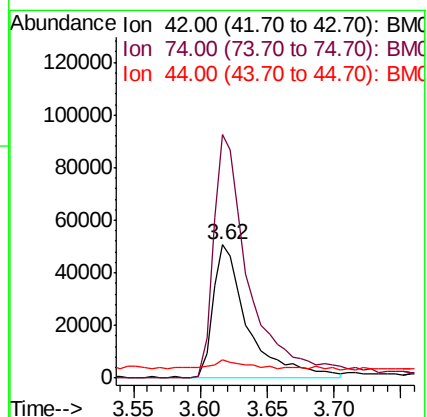
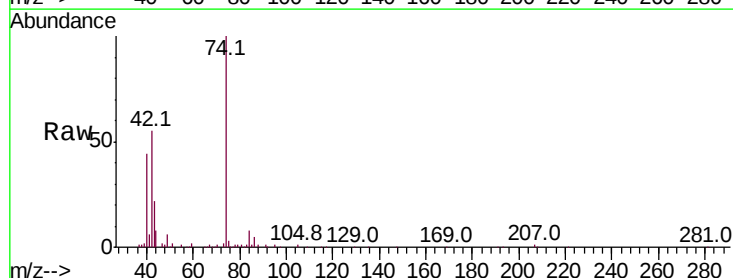
Tgt Ion: 42 Resp: 93270

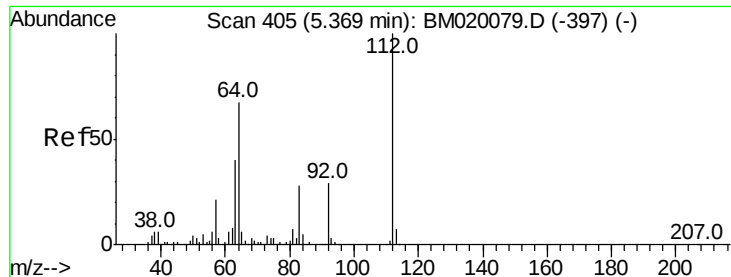
Ion Ratio Lower Upper

42 100

74 183.1 113.7 170.5#

44 14.0 3.9 5.9#





#5

2-Fluorophenol

Concen: 90.989 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

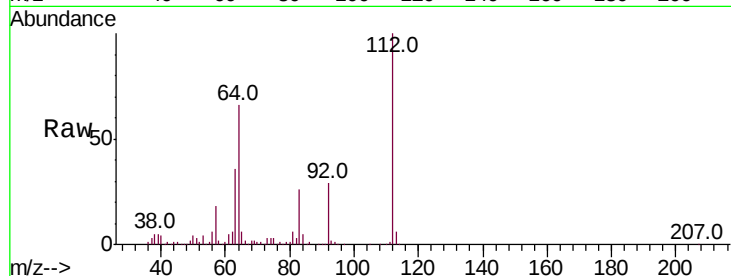
Tot Ion:112 Resp: 543563

Ion Ratio Lower Upper

112 100

64 65.7 53.8 80.6

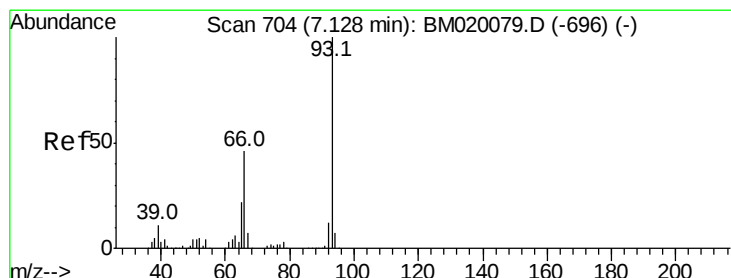
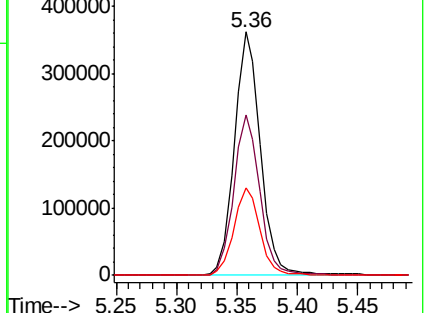
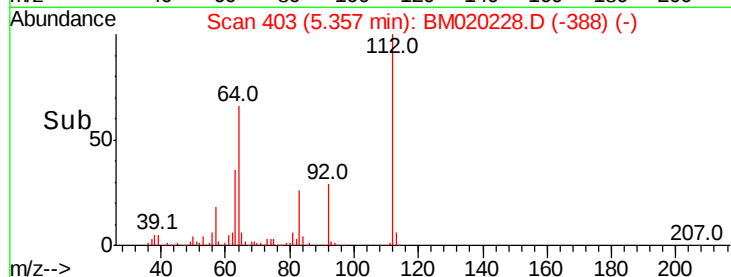
63 36.1 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 44.359 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

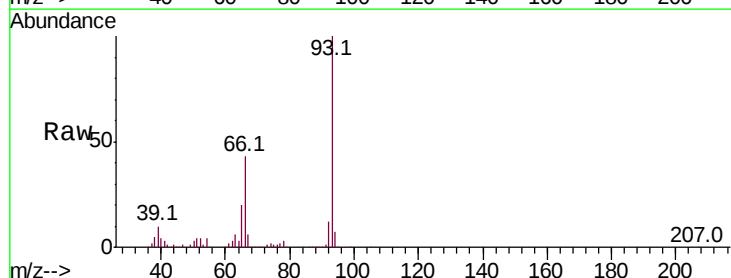
Tgt Ion: 93 Resp: 455722

Ion Ratio Lower Upper

93 100

66 43.4 36.6 54.8

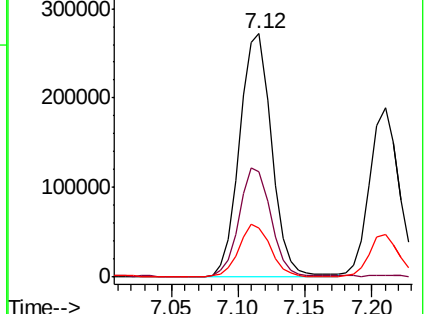
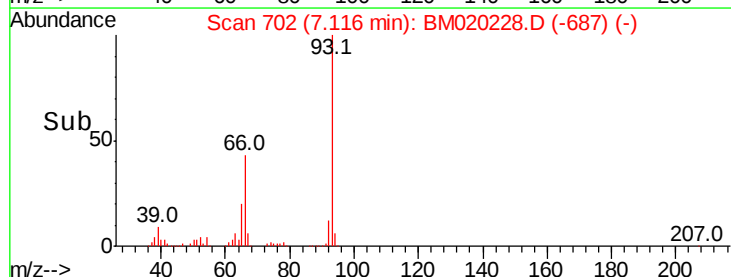
65 20.2 17.8 26.6

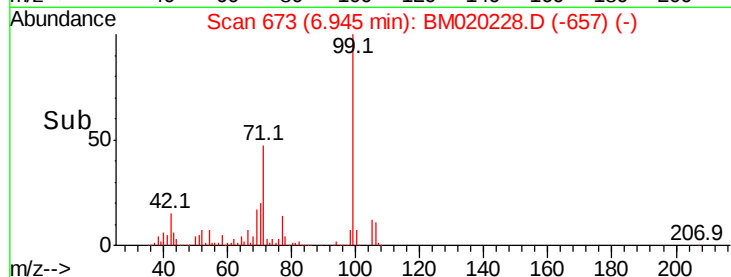
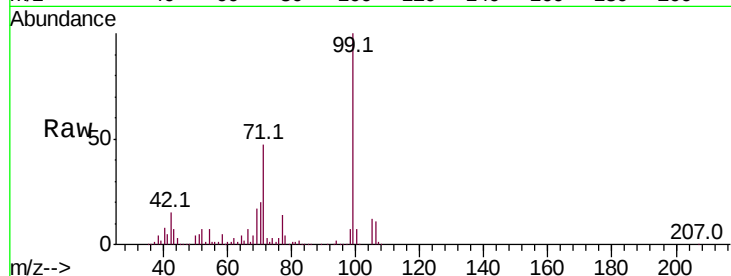
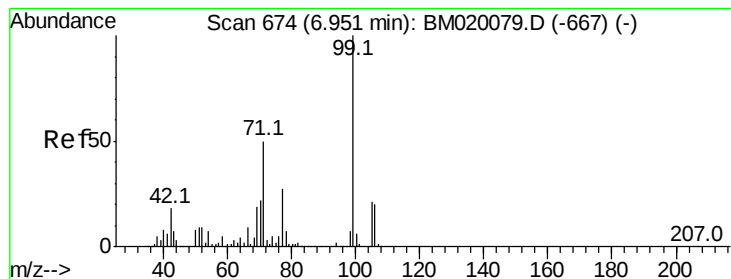


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 87.479 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

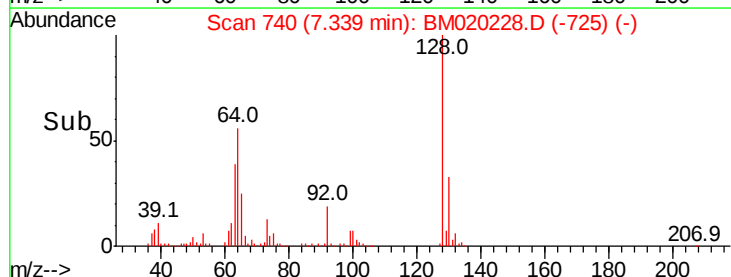
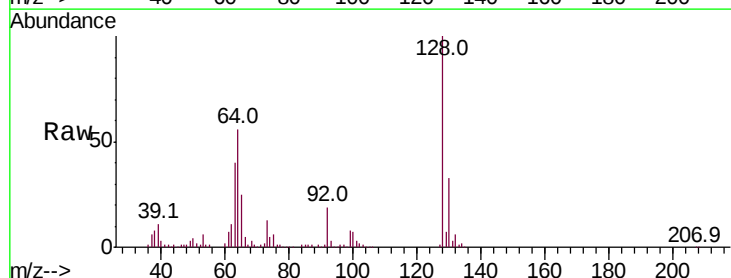
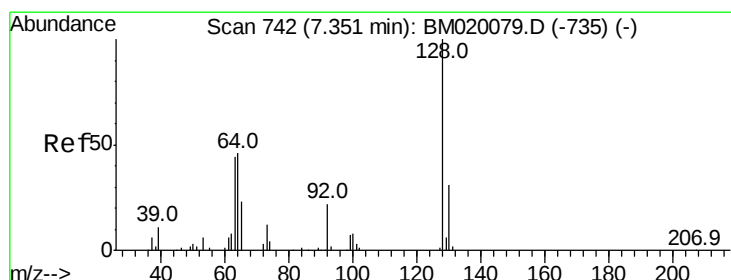
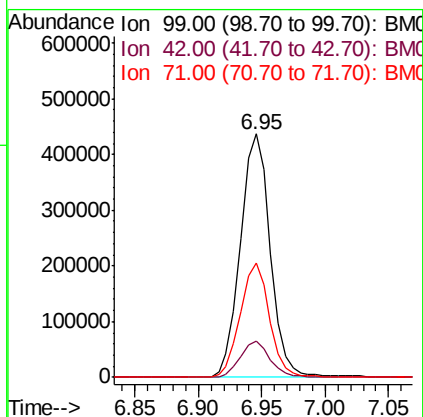
Tot Ion: 99 Resp: 713937

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

71 47.0 40.3 60.5



#8

2-Chlorophenol

Concen: 44.625 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

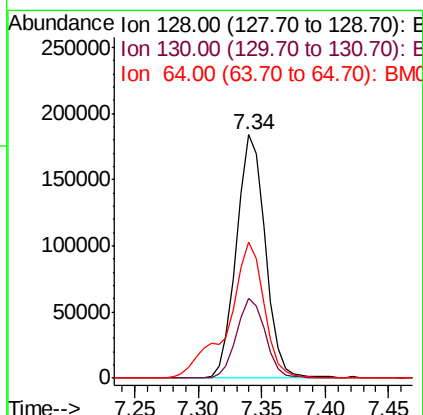
Tgt Ion: 128 Resp: 290276

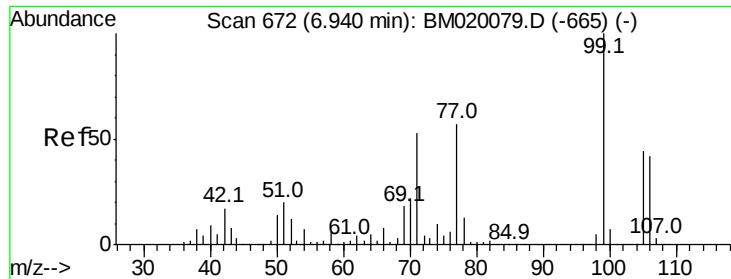
Ion Ratio Lower Upper

128 100

130 32.5 10.8 50.8

64 55.9 36.5 76.5





#9

Benzaldehyde

Concen: 40.632 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

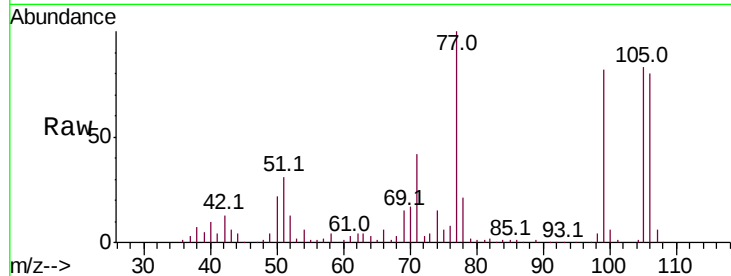
Tot Ion: 77 Resp: 250984

Ion Ratio Lower Upper

77 100

105 82.9 57.8 97.8

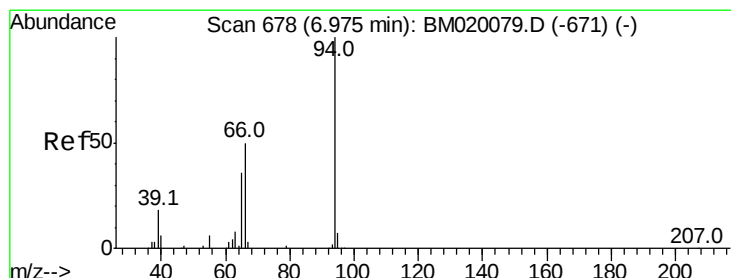
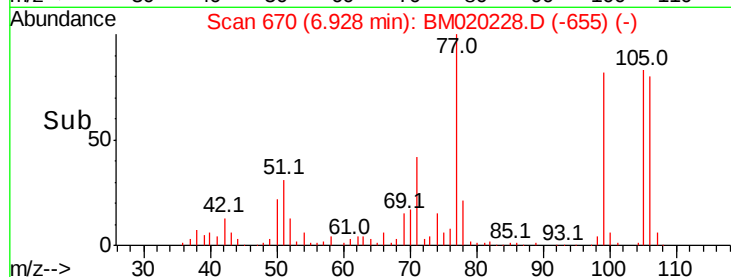
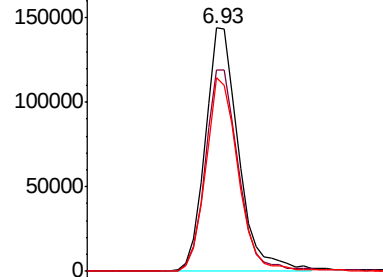
106 79.6 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 43.797 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

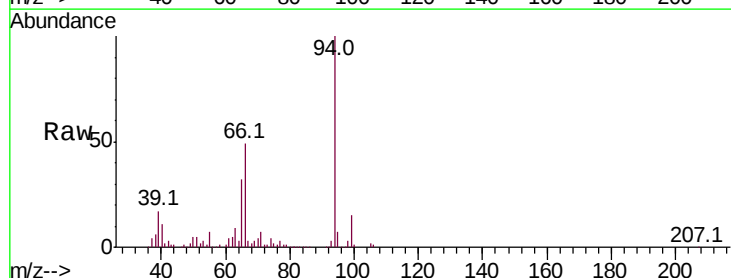
Tgt Ion: 94 Resp: 384793

Ion Ratio Lower Upper

94 100

65 32.3 17.0 57.0

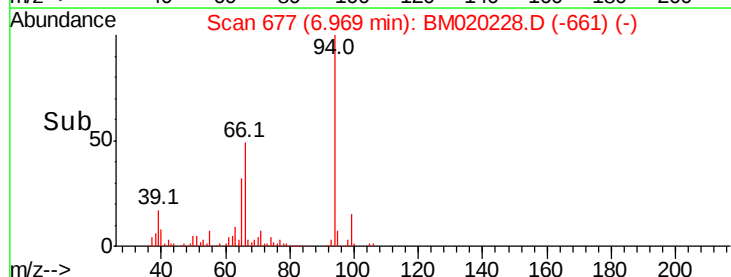
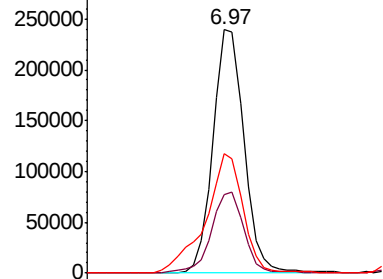
66 49.0 34.5 74.5

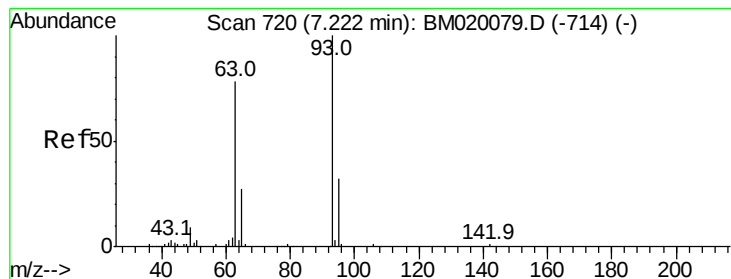


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)

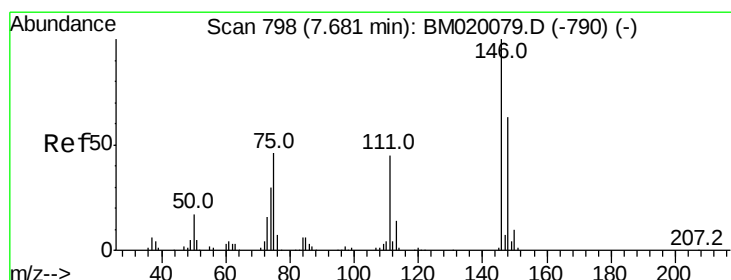
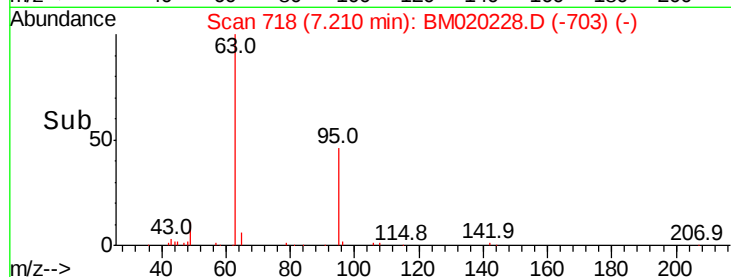
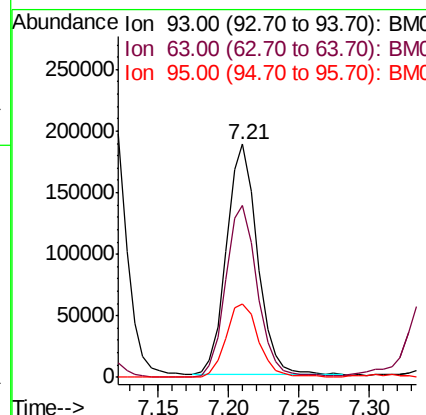
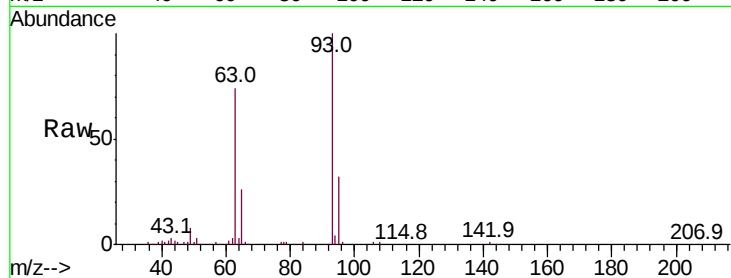




#11
bis(2-Chloroethyl)ether
Concen: 44.640 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

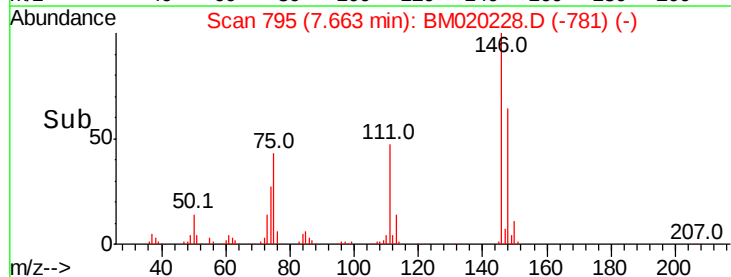
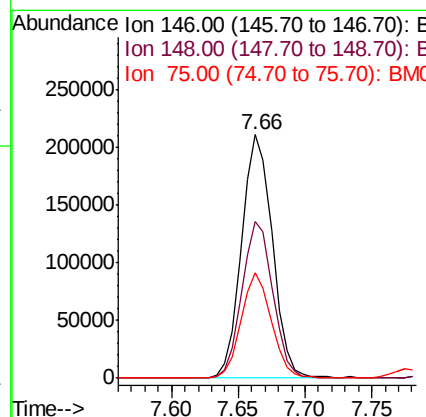
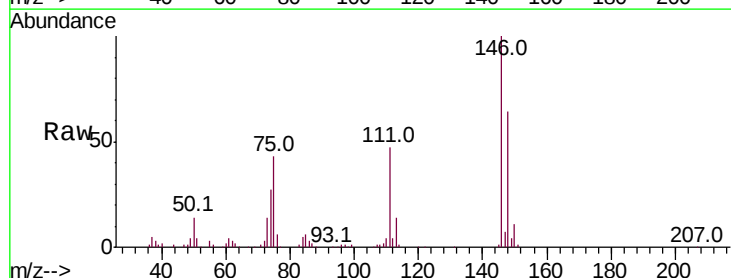
Instrument :
BNA_M
ClientSampleId :

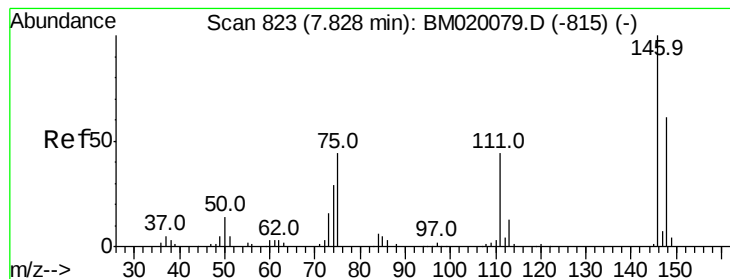
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	57.9	97.9
95	31.6	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 44.545 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.1	75.1
75	43.1	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 45.021 ng

RT: 7.82 min Scan# 821

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

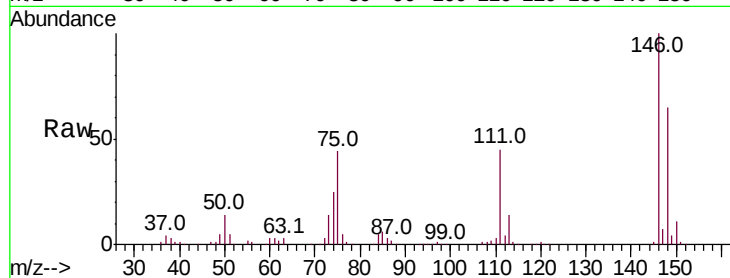
Tot Ion:146 Resp: 344202

Ion Ratio Lower Upper

146 100

148 65.1 48.5 72.7

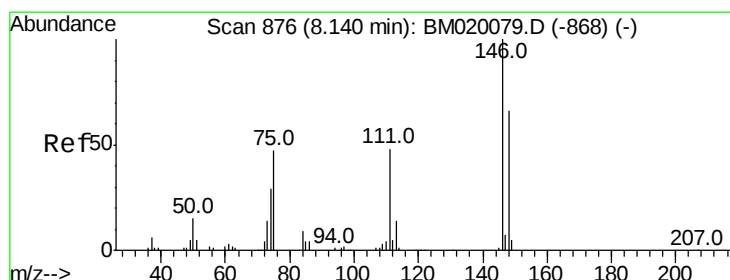
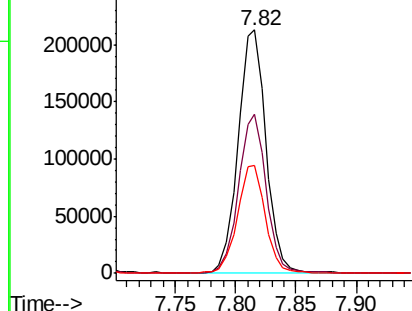
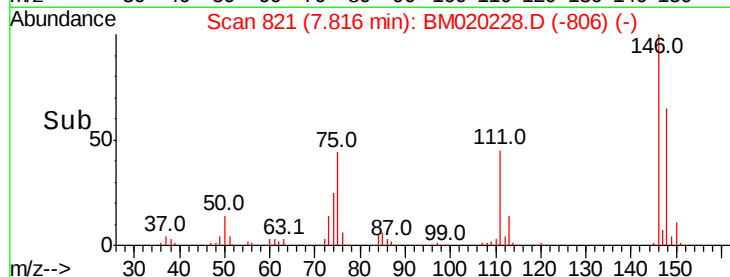
111 44.5 35.7 53.5



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: 44.001 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

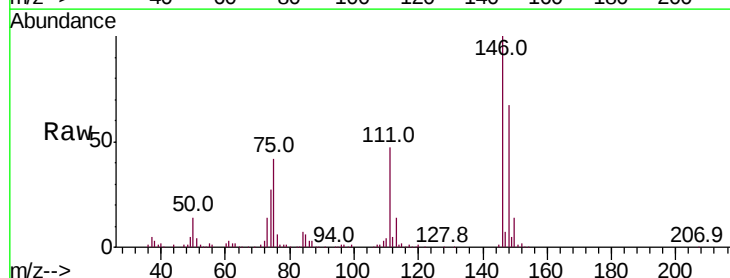
Tgt Ion:146 Resp: 320501

Ion Ratio Lower Upper

146 100

148 66.5 52.6 79.0

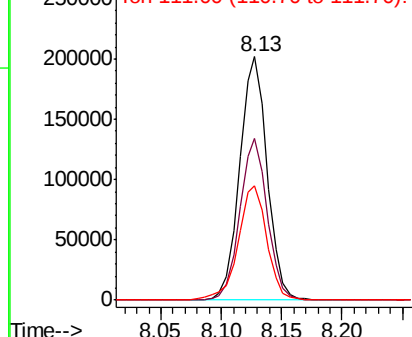
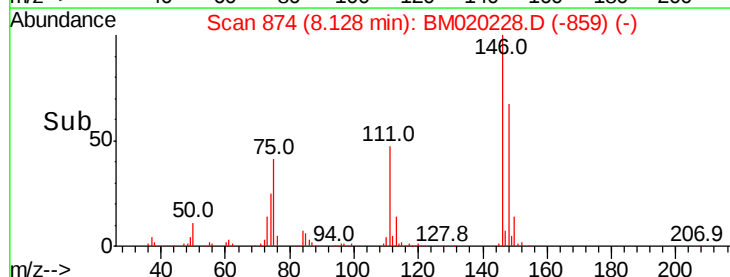
111 46.8 39.0 58.4

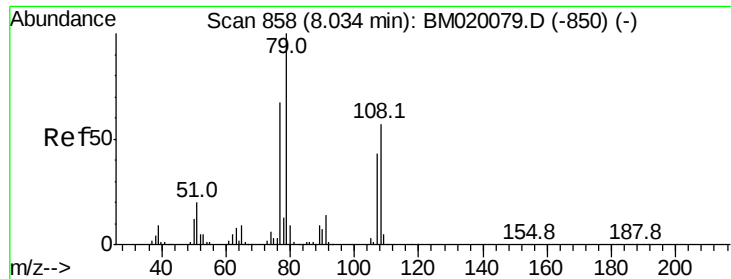


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.539 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

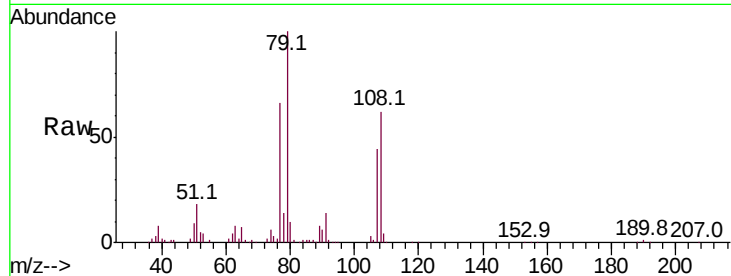
Tot Ion: 79 Resp: 311159

Ion Ratio Lower Upper

79 100

108 61.6 46.0 69.0

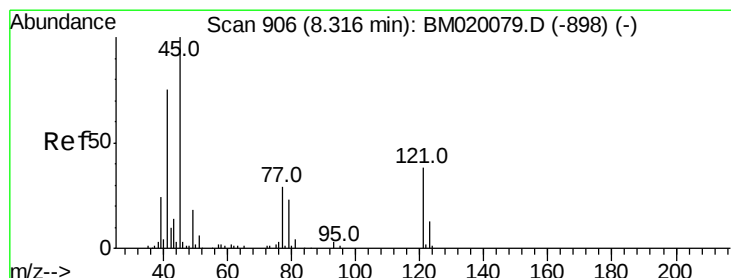
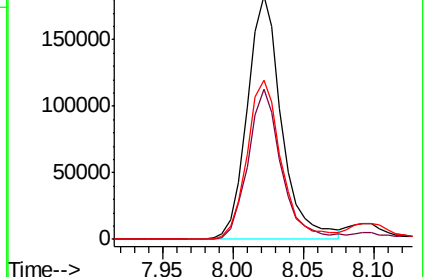
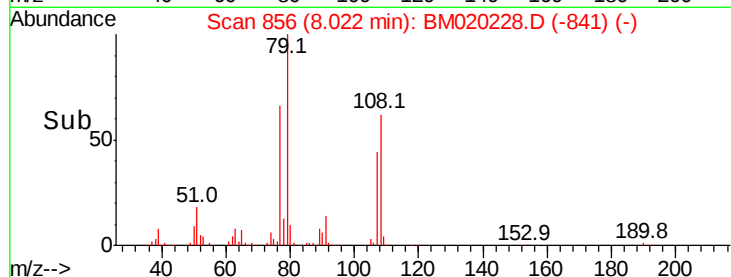
77 65.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020228.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020228.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020228.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.324 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

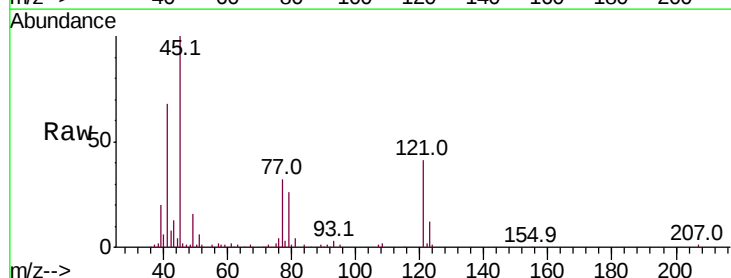
Tgt Ion: 45 Resp: 213518

Ion Ratio Lower Upper

45 100

77 32.2 10.5 50.5

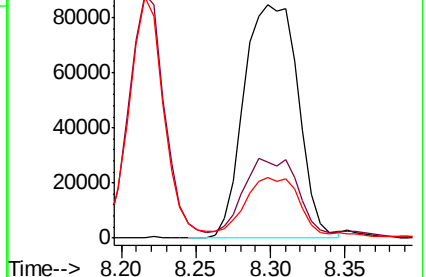
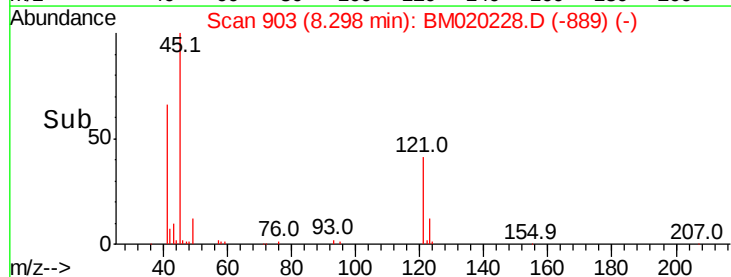
79 25.9 3.3 43.3

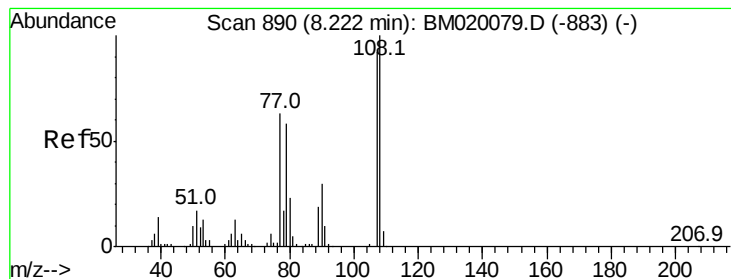


Abundance Ion 45.00 (44.70 to 45.70): BM020228.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020228.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020228.D (-889) (-)





#17

2-Methylphenol

Concen: 43.230 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 244499

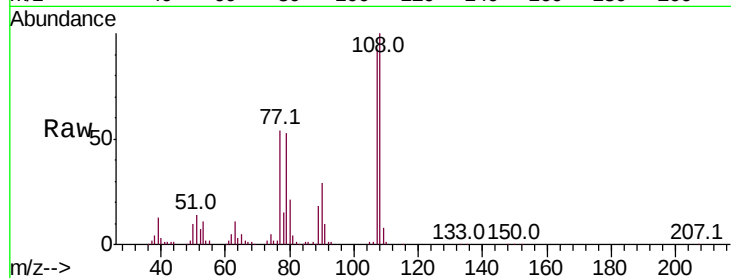
Ion Ratio Lower Upper

107 100

108 108.4 87.0 130.4

77 58.5 54.7 82.1

79 58.0 50.1 75.1

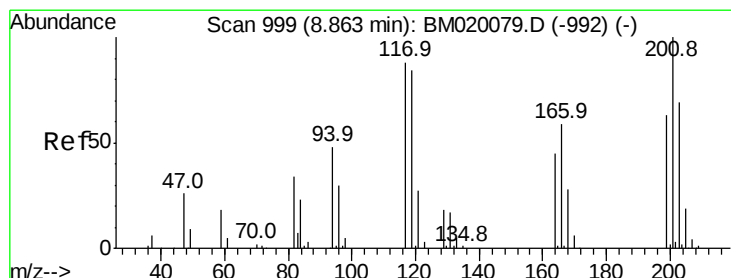
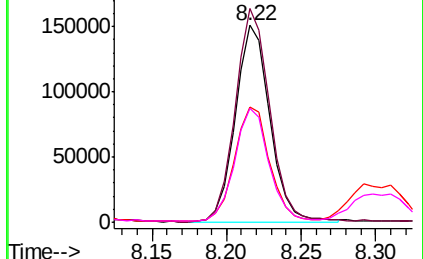
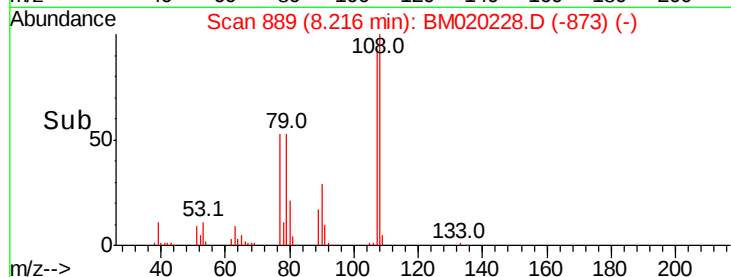


Abundance Ion 107.00 (106.70 to 107.70): E

250000 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



#18

Hexachloroethane

Concen: 37.857 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

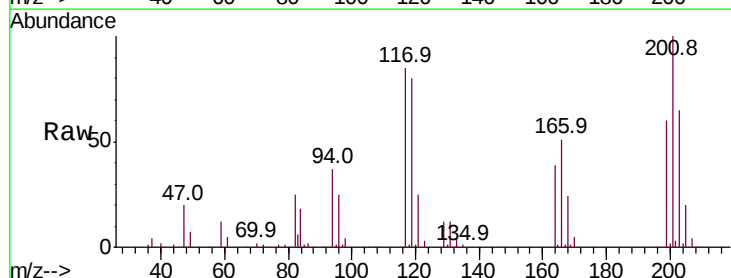
Tgt Ion:117 Resp: 120683

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

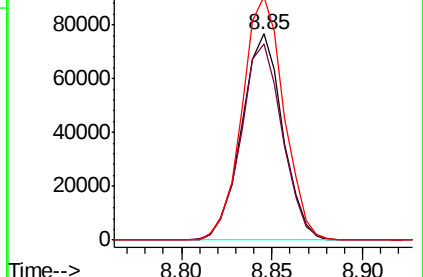
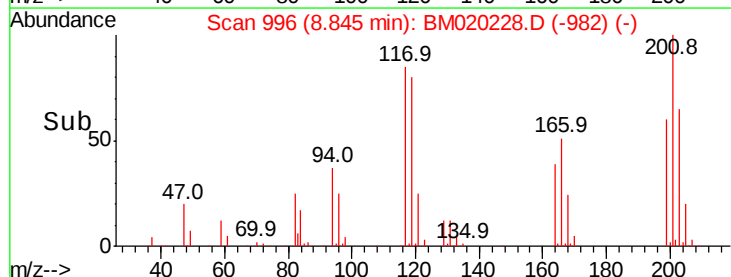
201 118.0 90.7 136.1

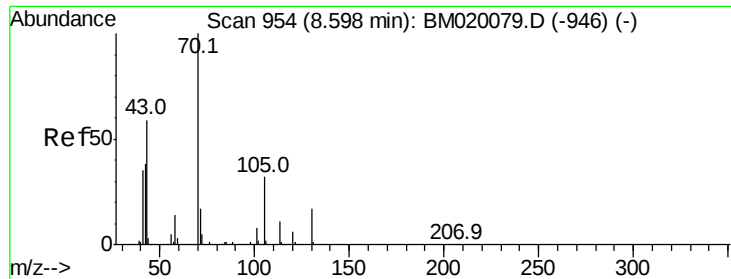


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

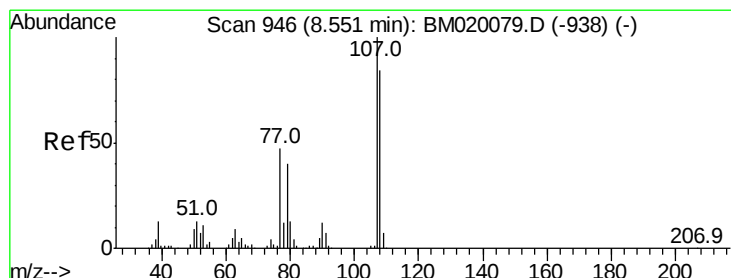
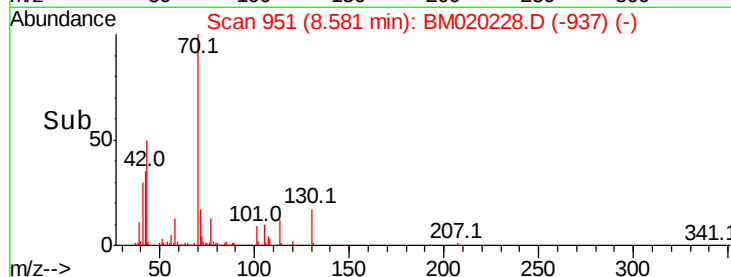
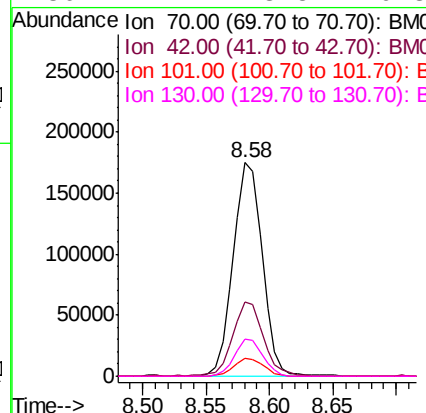
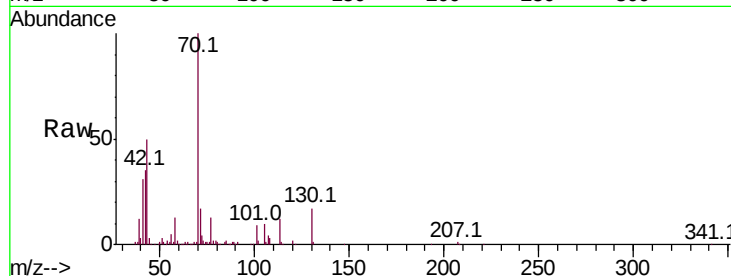




#19
n-Nitroso-di-n-propylamine
Concen: 39.833 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

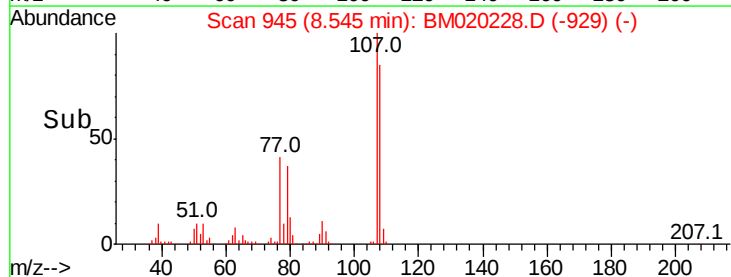
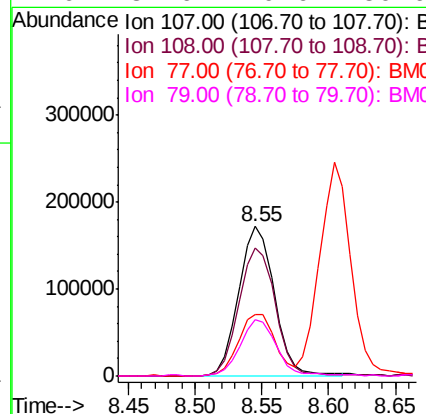
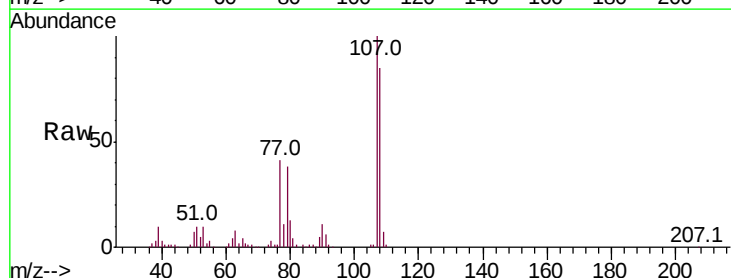
Instrument :
BNA_M
ClientSampled :

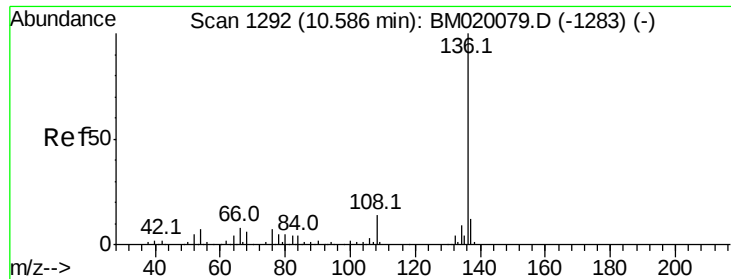
Tot Ion:	70	Resp:	278133
Ion	Ratio	Lower	Upper
70	100		
42	35.0	31.0	46.4
101	8.6	6.2	9.2
130	17.2	13.5	20.3



#20
3+4-Methylphenols
Concen: 42.673 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:	107	Resp:	320767
Ion	Ratio	Lower	Upper
107	100		
108	85.3	64.4	104.4
77	40.8	27.2	67.2
79	37.6	19.6	59.6

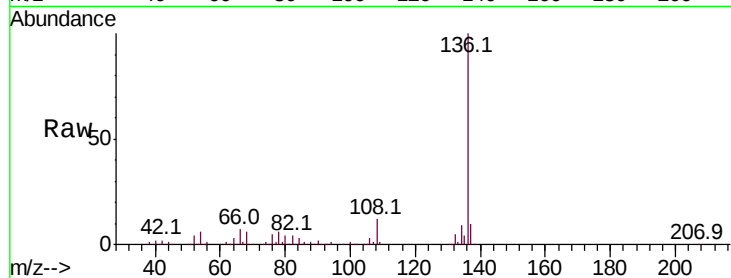




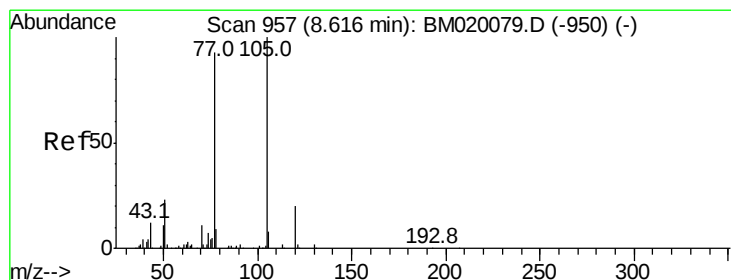
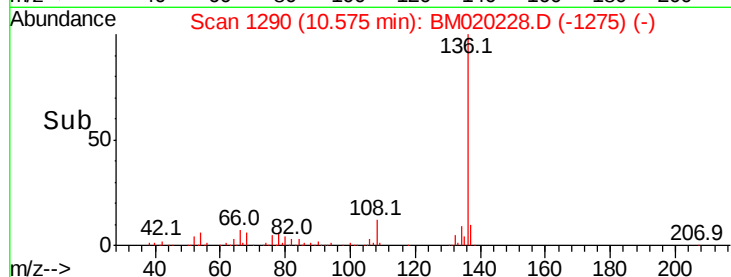
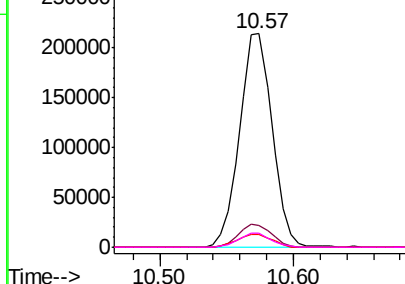
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	362306
Ion Ratio	Lower	Upper
136 100		
137 10.1	9.6	14.4
54 6.3	5.5	8.3
68 6.3	4.6	6.8

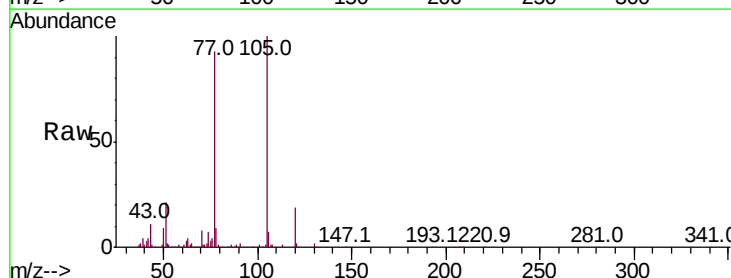


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

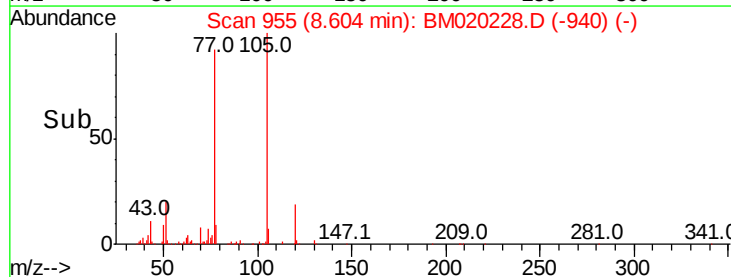
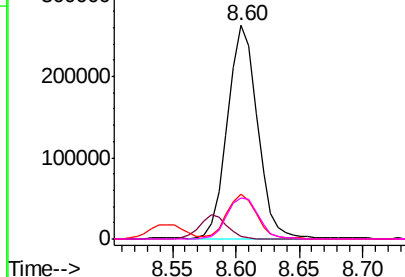


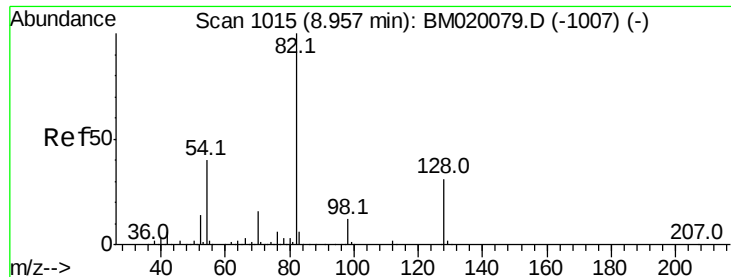
#22
Acetophenone
Concen: 43.237 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt	Ion:105	Resp:	428125
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.2	3.2#
51	20.9	19.3	28.9
120	19.4	16.2	24.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

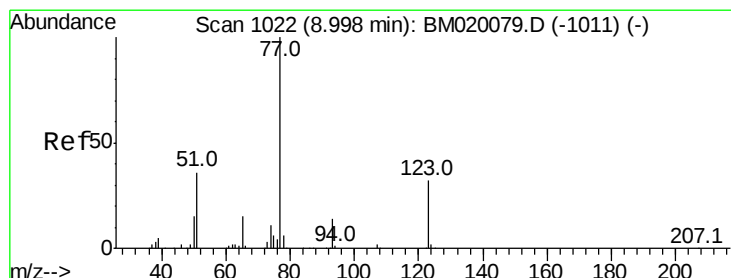
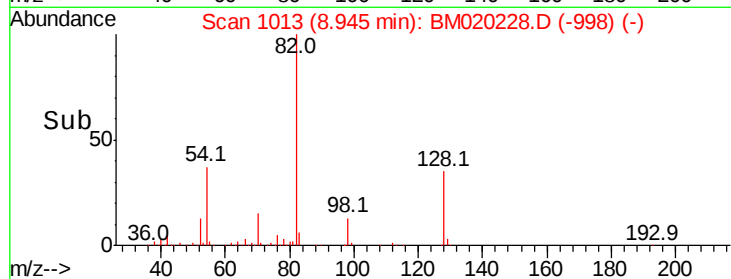
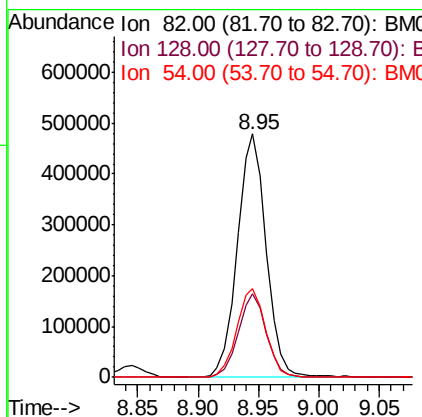
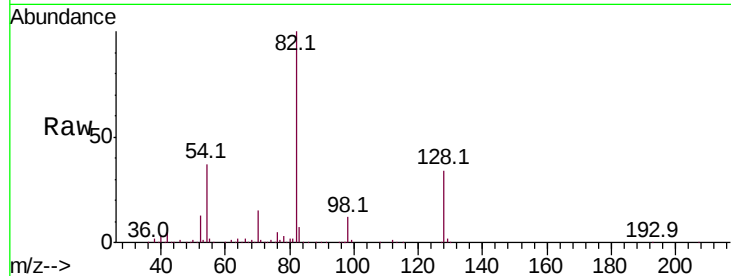




#23
 Nitrobenzene-d5
 Concen: 87.072 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

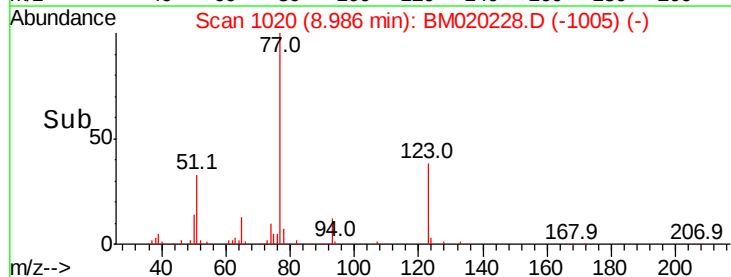
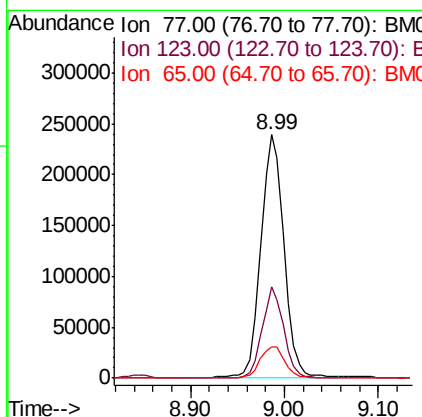
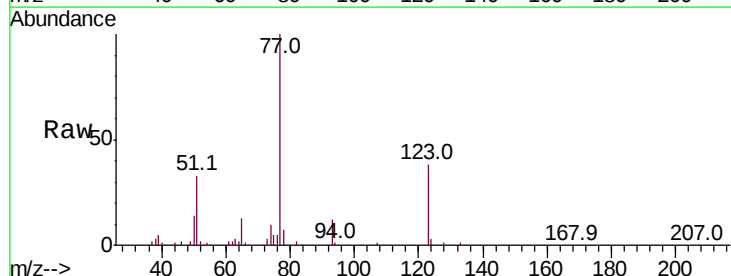
Instrument :
 BNA_M
 ClientSampleId :

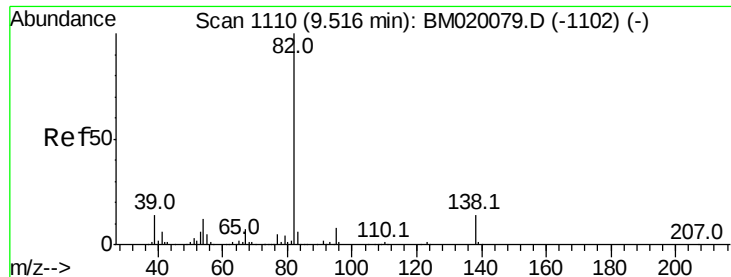
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	25.2	37.8
54	36.6	31.9	47.9



#24
 Nitrobenzene
 Concen: 42.659 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	25.5	38.3
65	13.0	11.8	17.6

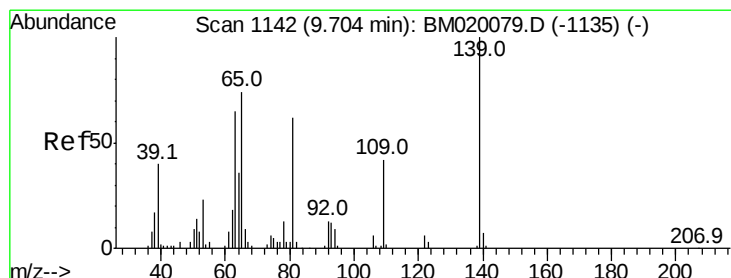
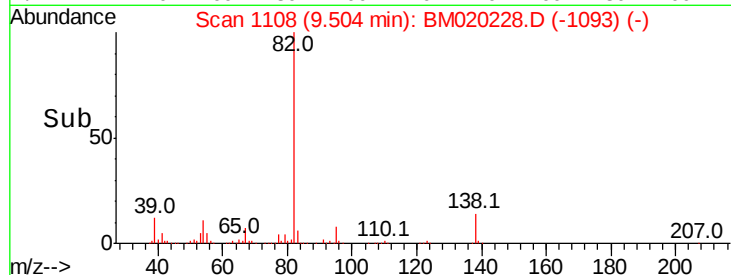
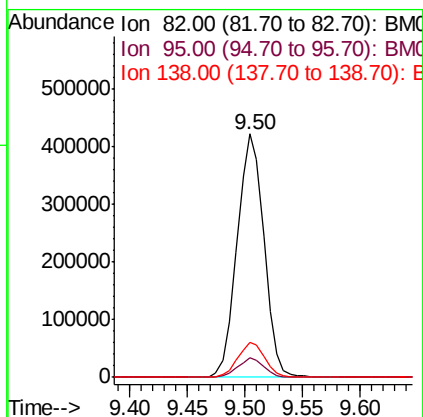
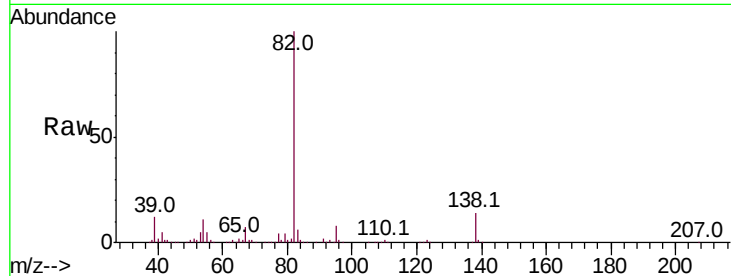




#25
Isophorone
Concen: 43.138 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

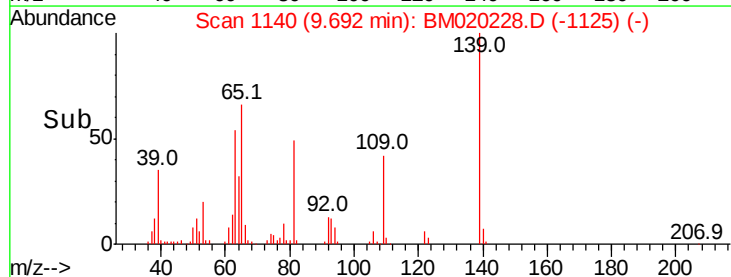
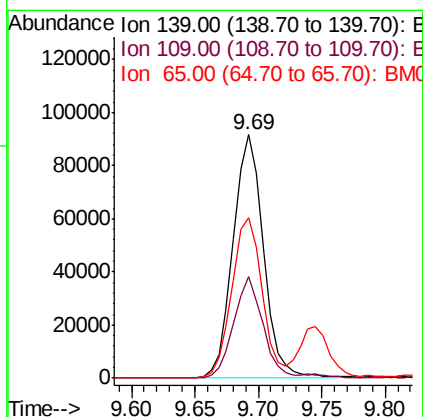
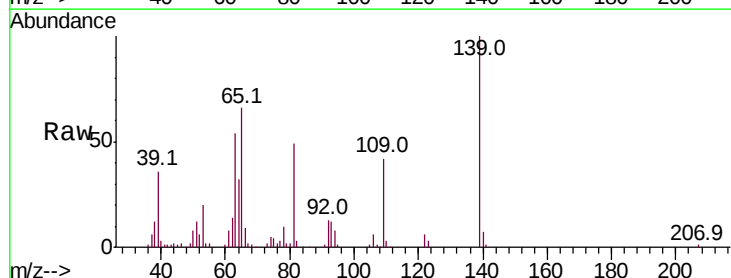
Instrument :
BNA_M
ClientSampled :

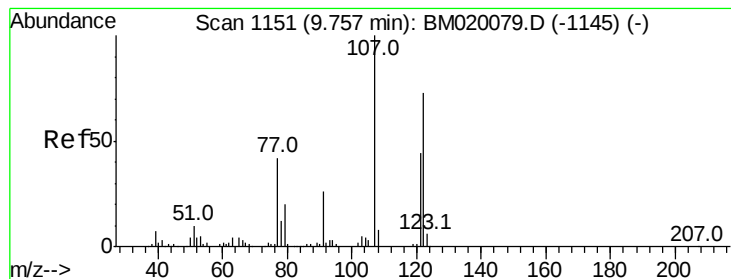
Tot Ion: 82 Resp: 682671
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 14.2 11.1 16.7



#26
2-Nitrophenol
Concen: 53.032 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion: 139 Resp: 152338
Ion Ratio Lower Upper
139 100
109 41.7 33.7 50.5
65 66.0 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 43.539 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

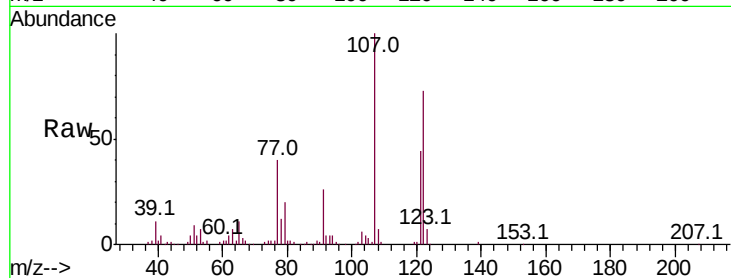
Tot Ion:122 Resp: 208220

Ion Ratio Lower Upper

122 100

107 136.4 108.6 162.8

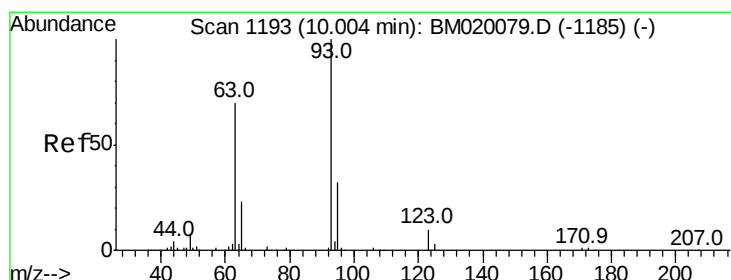
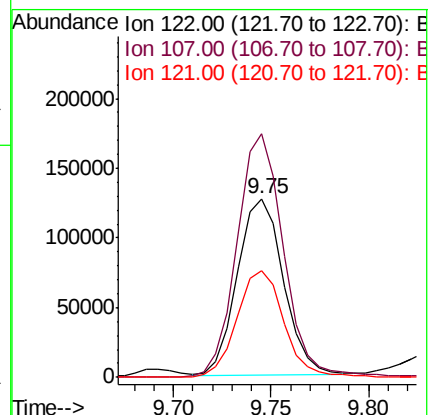
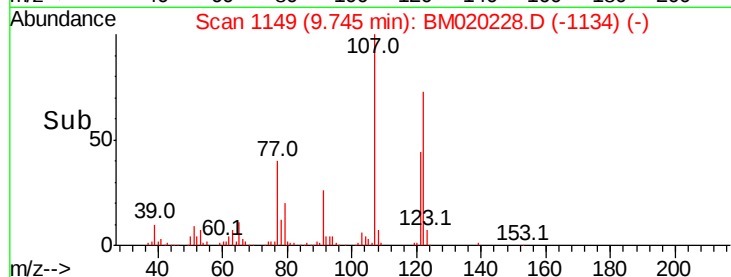
121 59.7 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.279 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

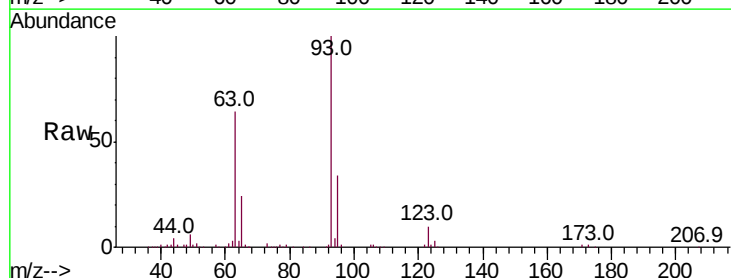
Tgt Ion: 93 Resp: 381647

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

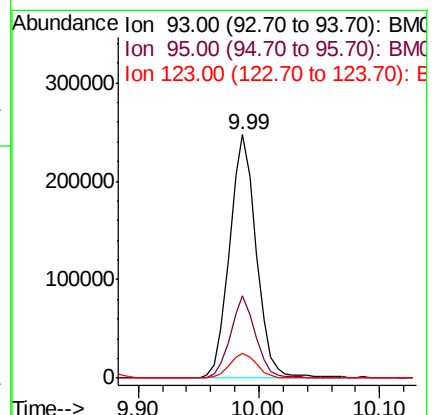
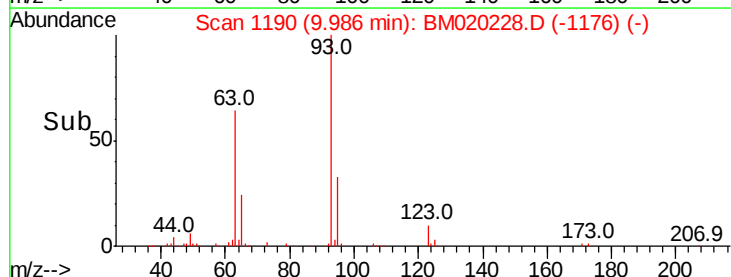
123 10.2 7.6 11.4

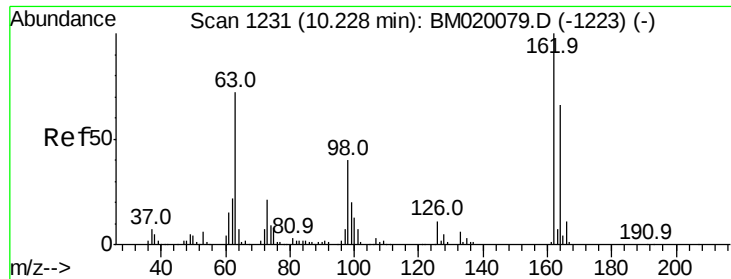


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

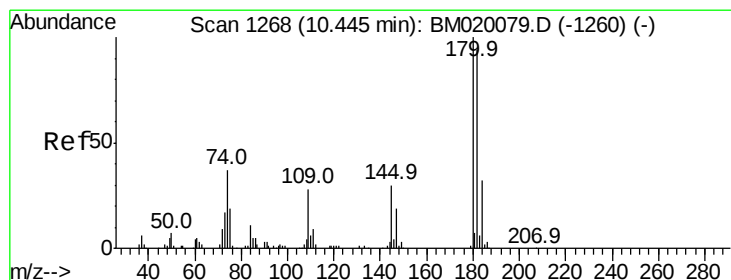
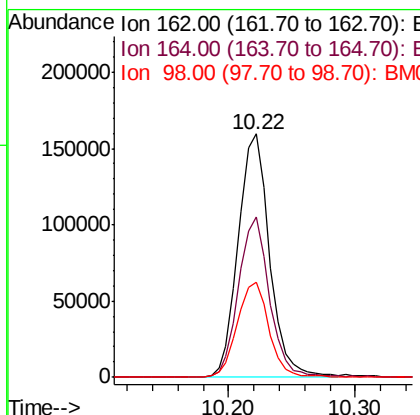
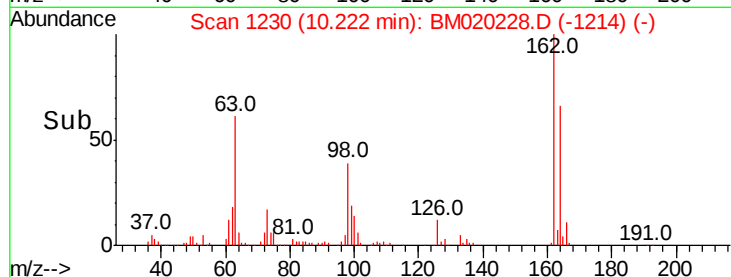
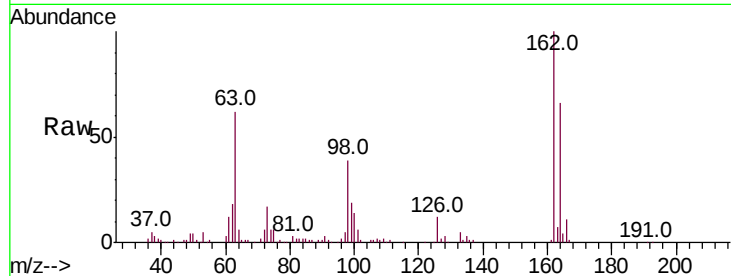




#29
 2,4-Dichlorophenol
 Concen: 45.540 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

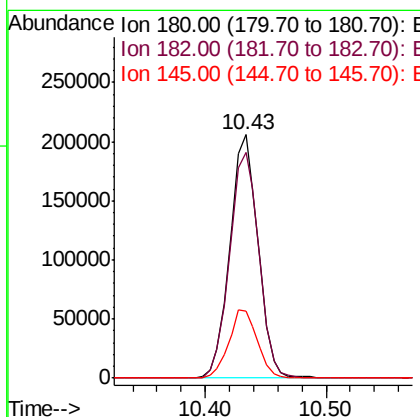
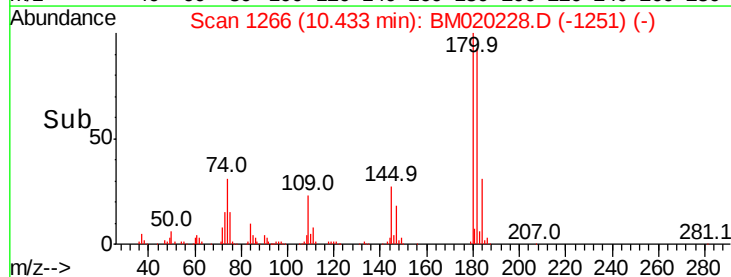
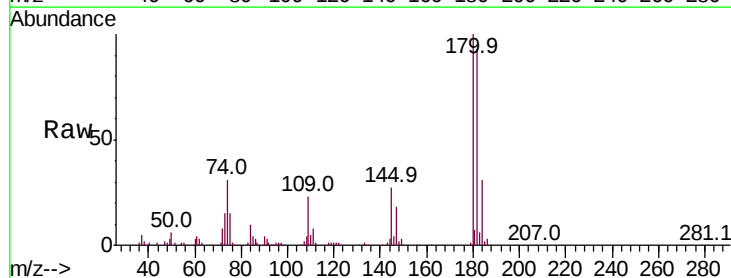
Instrument :
 BNA_M
 ClientSampleId :

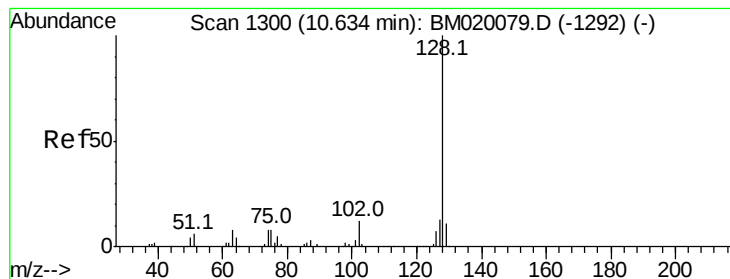
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.6	85.6
98	38.9	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 45.127 ng
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.4	113.0
145	27.5	23.8	35.8

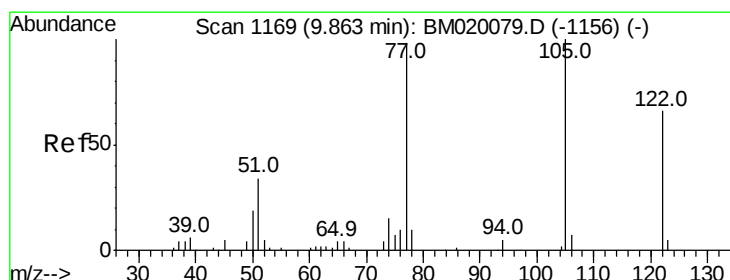
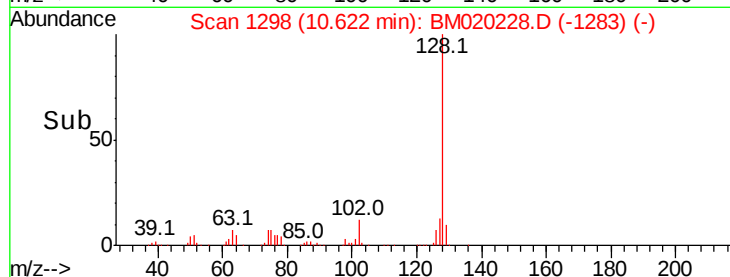
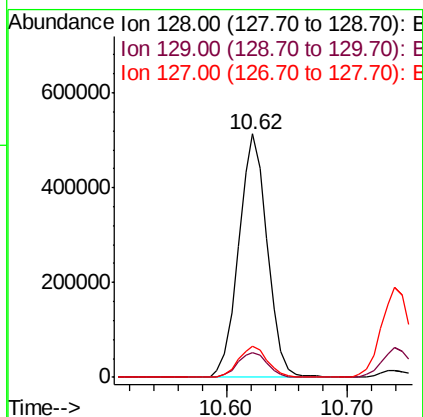
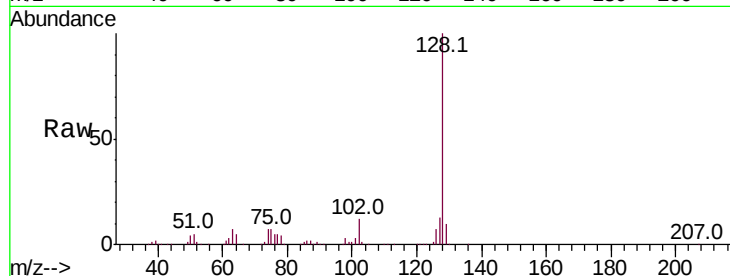




#31
Naphthalene
Concen: 44.958 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

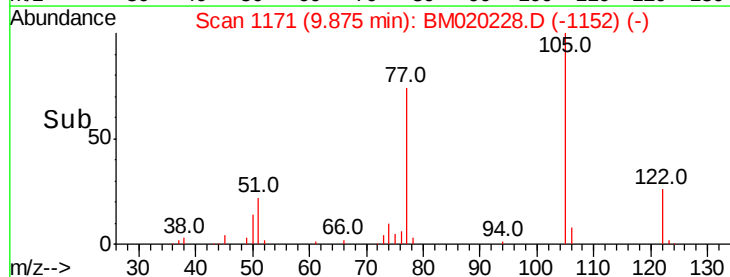
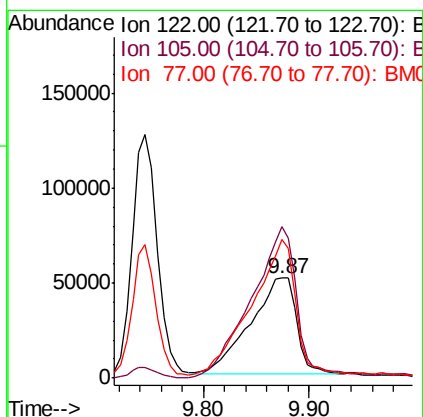
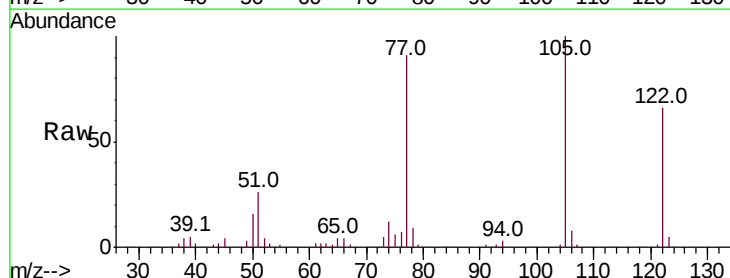
Instrument :
BNA_M
ClientSampleId :

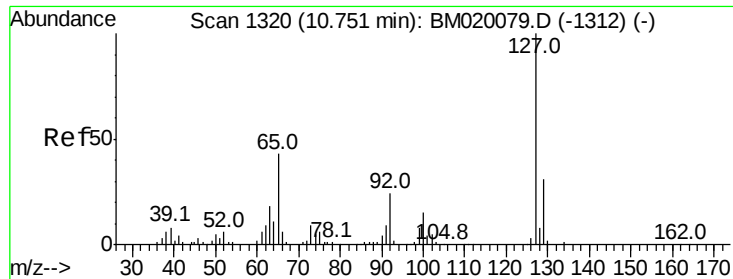
Tot Ion:128 Resp: 845270
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 45.444 ng
RT: 9.87 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:122 Resp: 153243
Ion Ratio Lower Upper
122 100
105 151.6 122.5 162.5
77 138.7 123.3 163.3

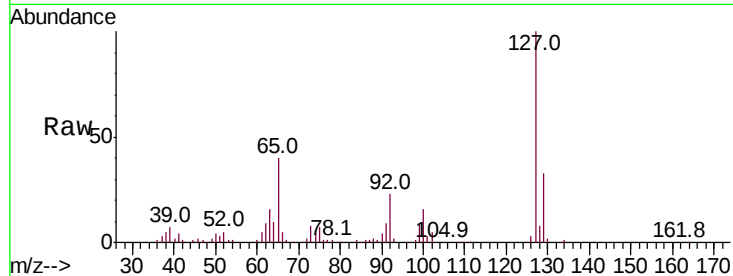




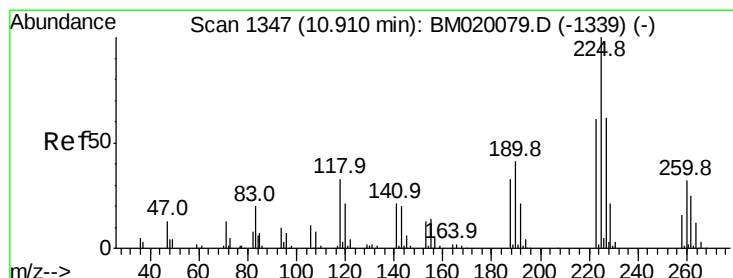
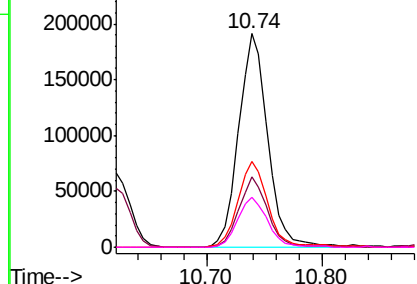
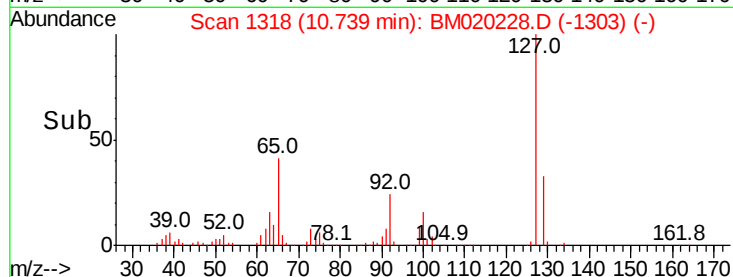
#33
4-Chloroaniline
Concen: 43.161 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	333998
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.7	37.1
65	40.1	34.6	52.0
92	23.2	19.5	29.3

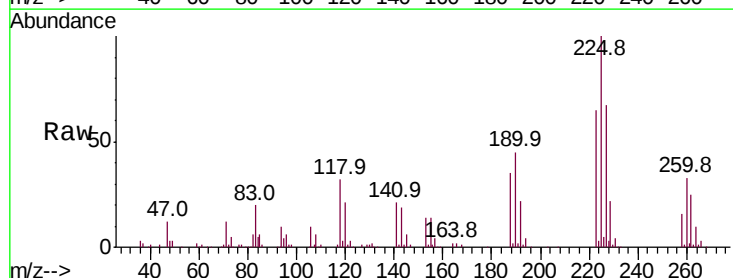


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

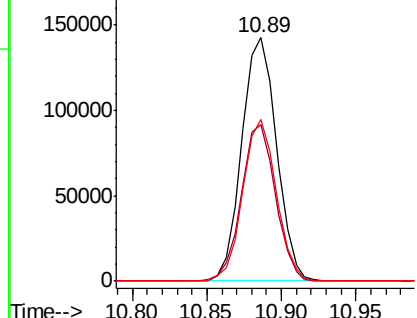
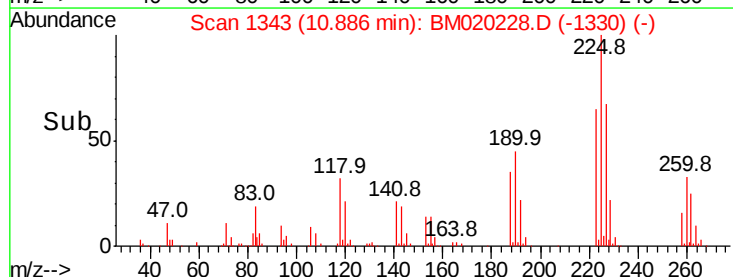


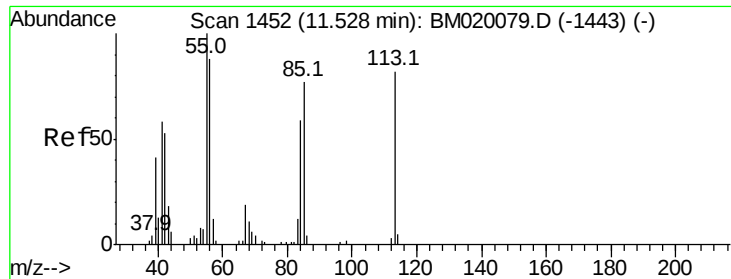
#34
Hexachlorobutadiene
Concen: 43.920 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:	225	Resp:	230539
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.9	73.3
227	66.5	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: 43.486 ng

RT: 11.54 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

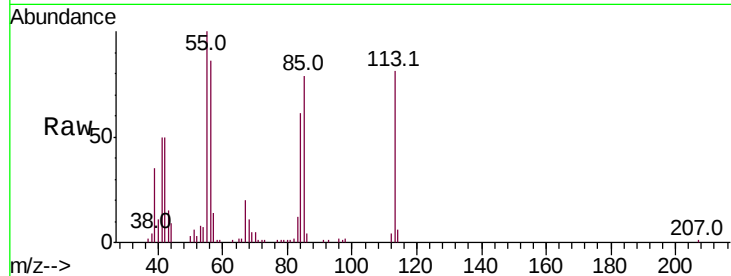
Tot Ion:113 Resp: 78413

Ion Ratio Lower Upper

113 100

55 123.2 102.5 142.5

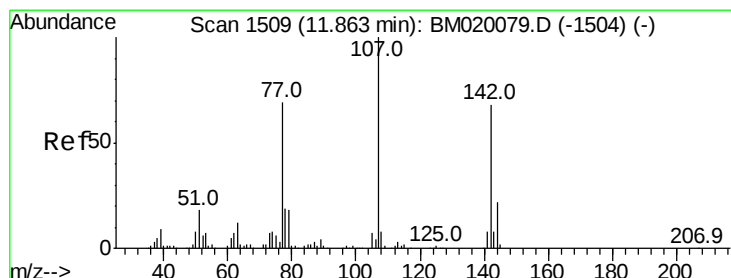
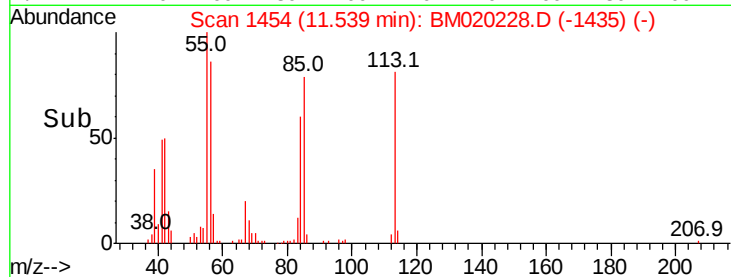
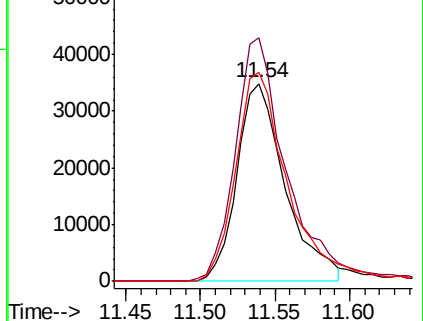
56 105.5 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.277 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

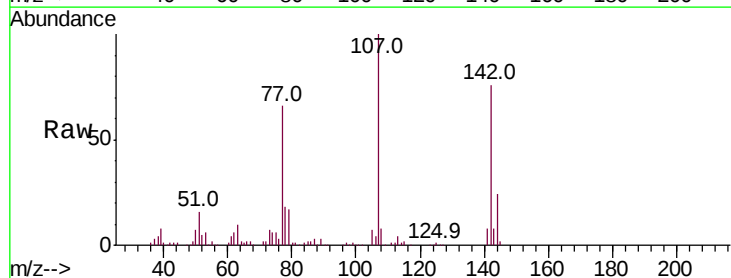
Tgt Ion:107 Resp: 299600

Ion Ratio Lower Upper

107 100

144 24.0 17.6 26.4

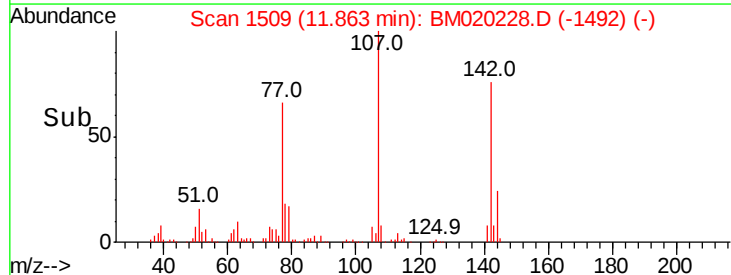
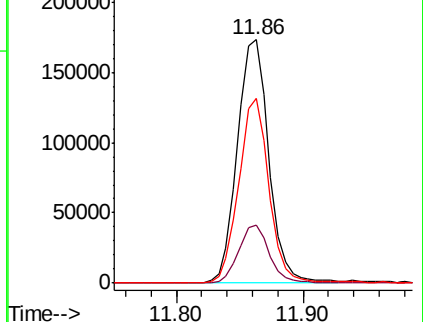
142 75.9 54.6 82.0

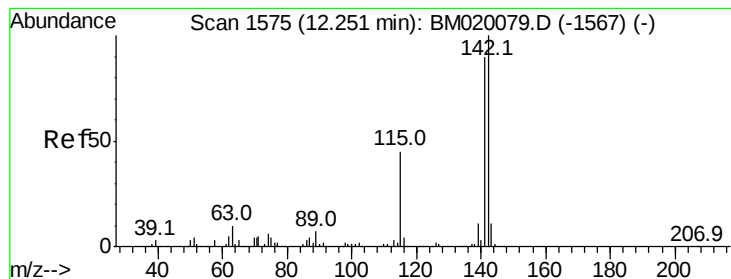


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.860 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

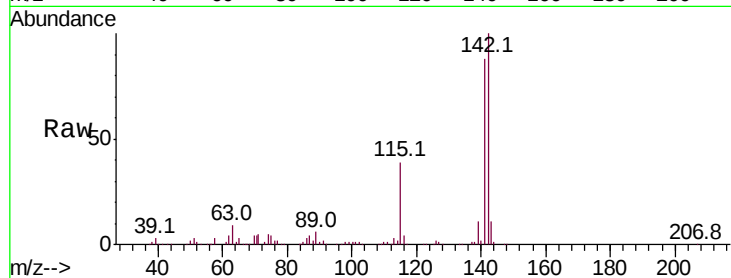
Tot Ion:142 Resp: 601180

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4

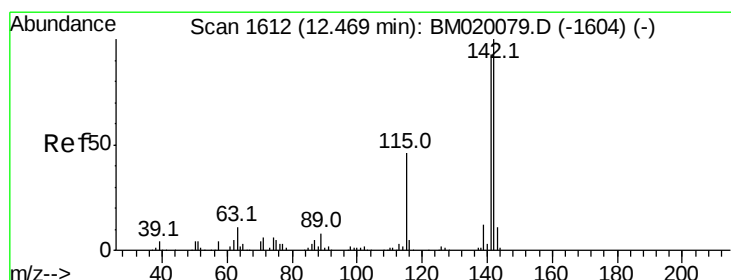
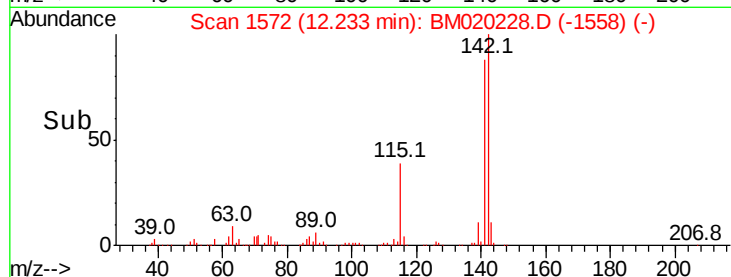
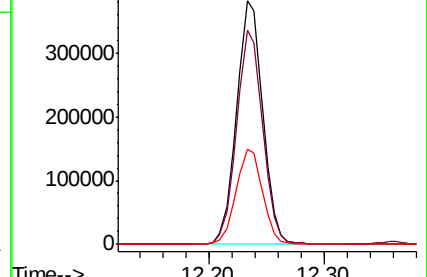
115 39.0 35.8 53.6



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: 43.541 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

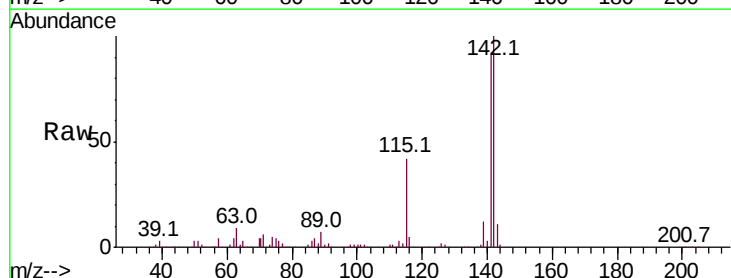
Tgt Ion:142 Resp: 583594

Ion Ratio Lower Upper

142 100

141 91.7 74.8 112.2

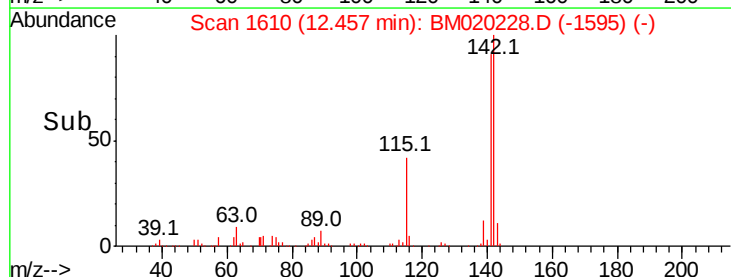
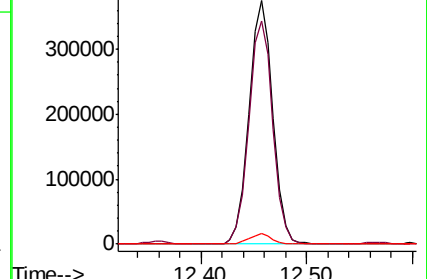
116 4.5 3.9 5.9

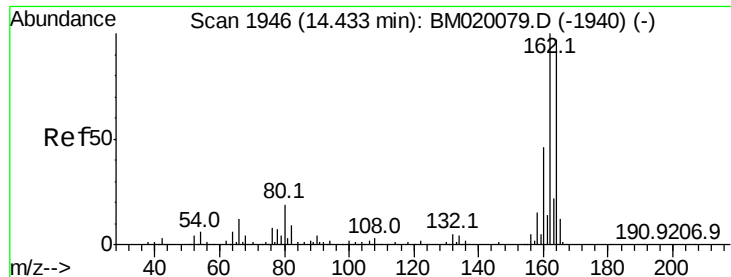


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

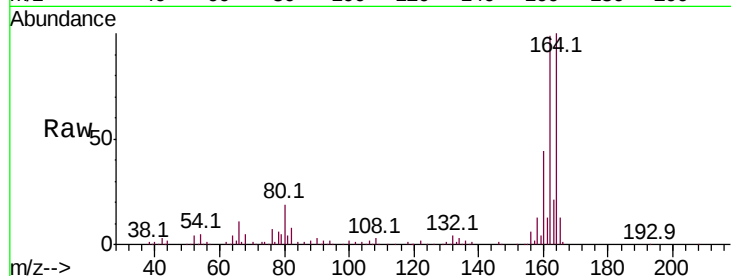
Tot Ion:164 Resp: 214452

Ion Ratio Lower Upper

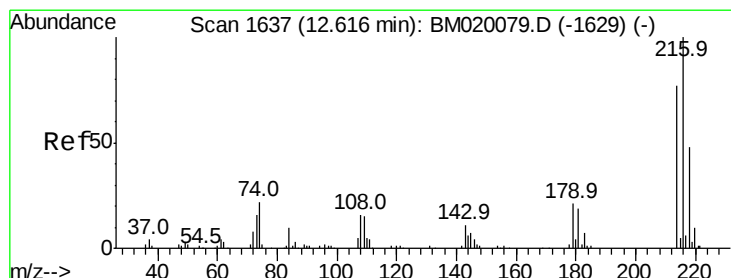
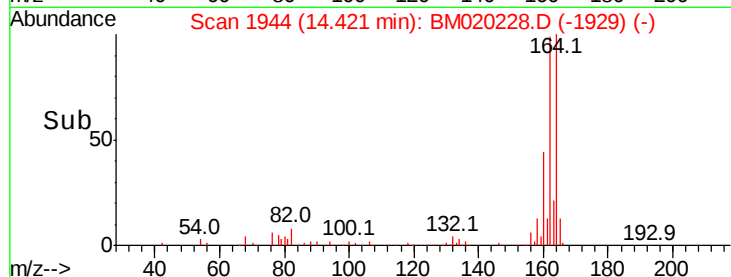
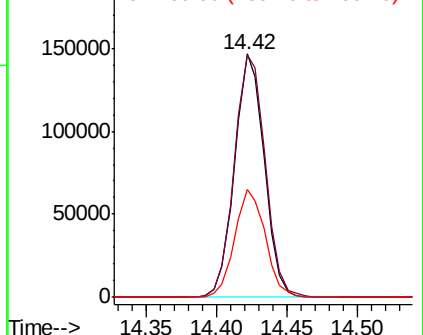
164 100

162 99.4 82.2 123.2

160 44.4 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: 45.162 ng

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion:216 Resp: 378914

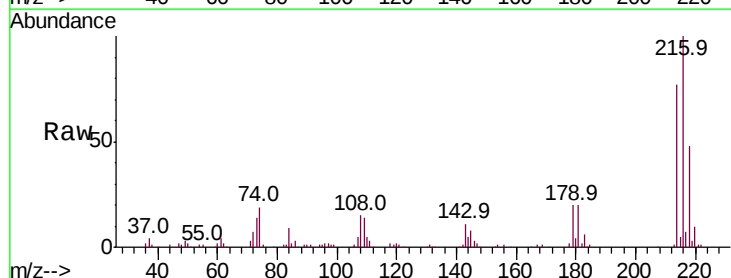
Ion Ratio Lower Upper

216 100

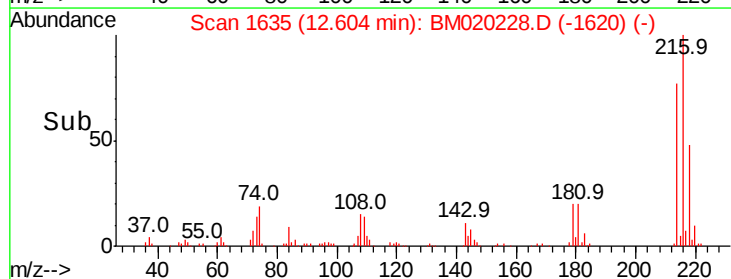
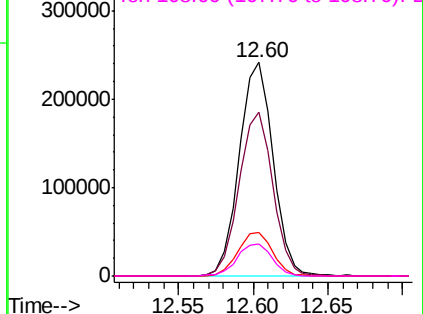
214 76.7 62.6 94.0

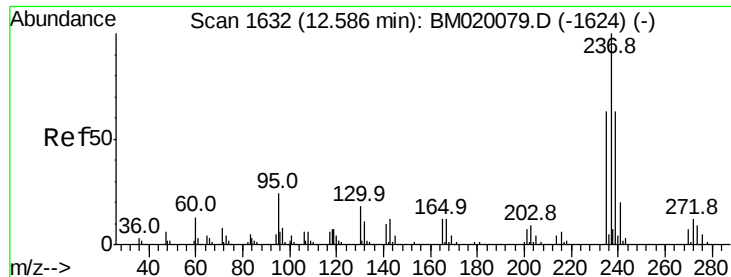
179 20.9 17.1 25.7

108 15.7 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: 7.154 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

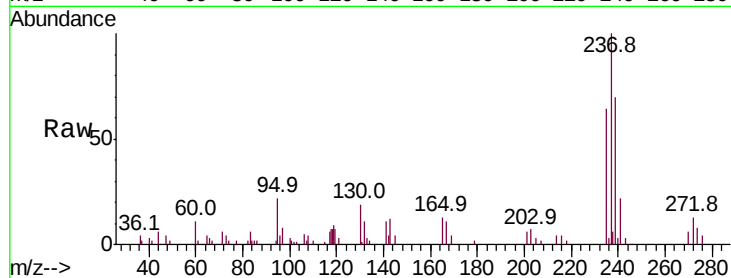
Tot Ion:237 Resp: 35343

Ion Ratio Lower Upper

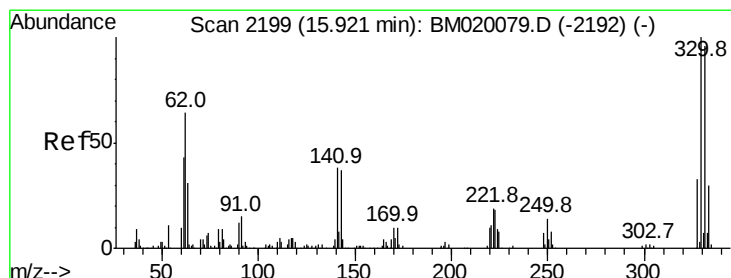
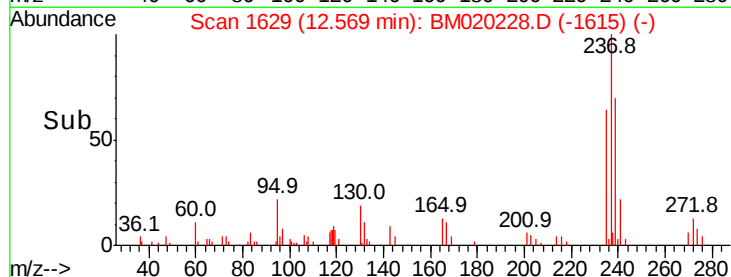
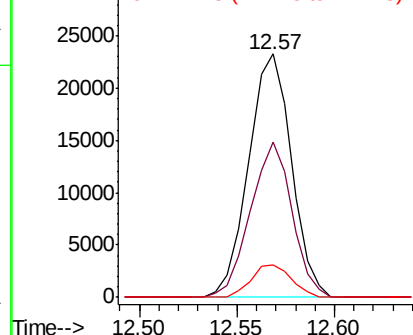
237 100

235 64.0 43.4 83.4

272 13.4 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: 92.314 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

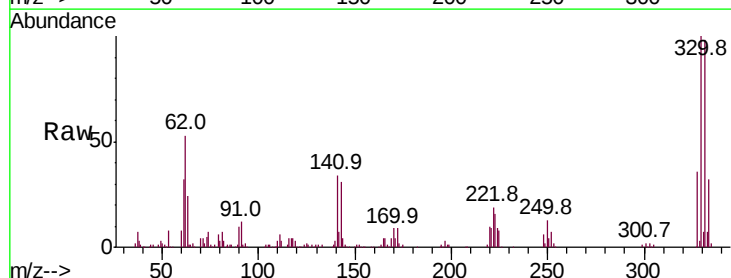
Tgt Ion:330 Resp: 307287

Ion Ratio Lower Upper

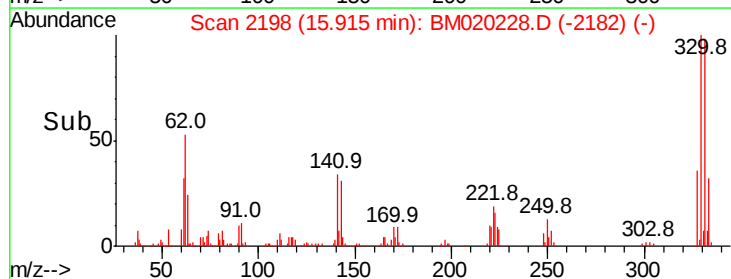
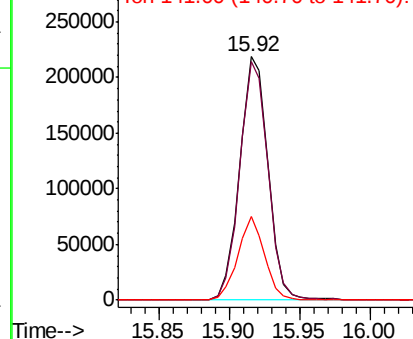
330 100

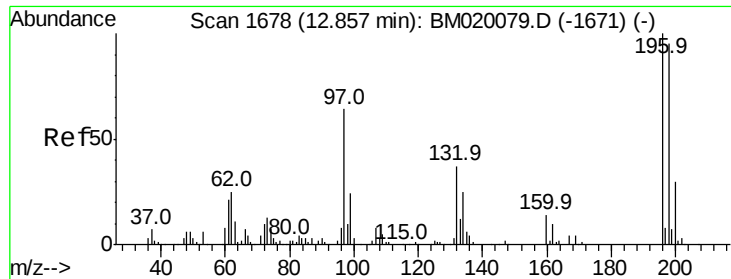
332 97.6 76.8 115.2

141 32.1 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

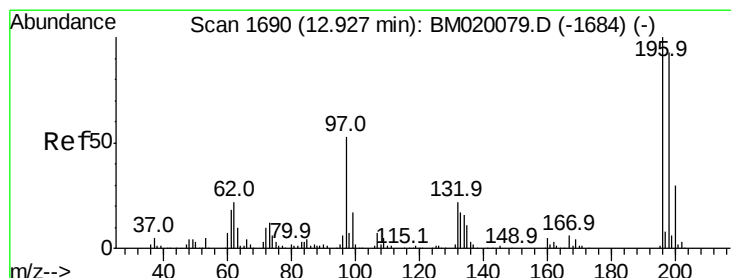
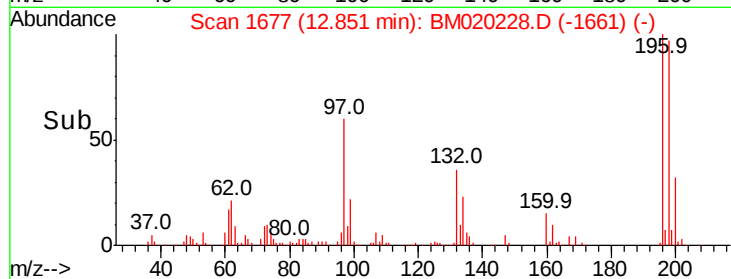
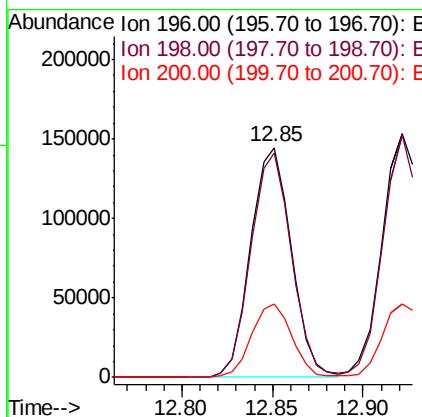
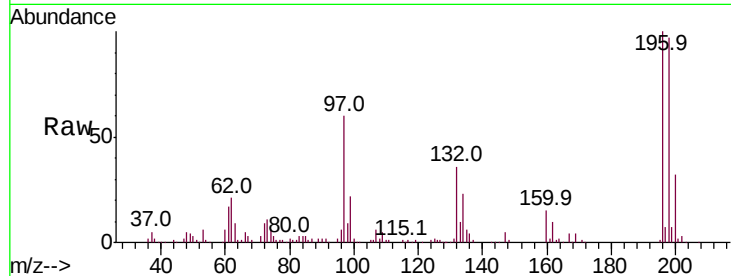




#43
 2,4,6-Trichlorophenol
 Concen: 47.473 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

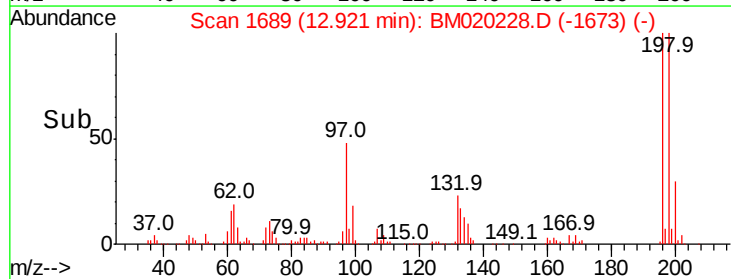
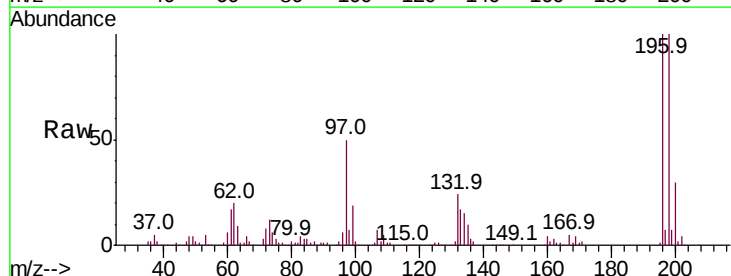
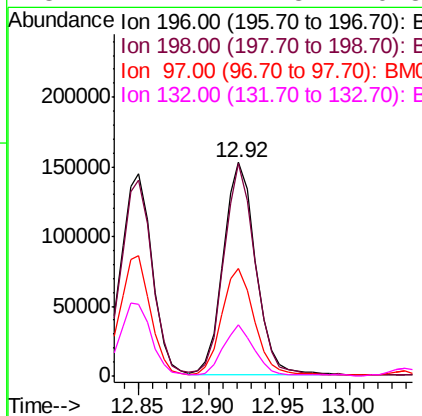
Instrument :
 BNA_M
 ClientSampled :

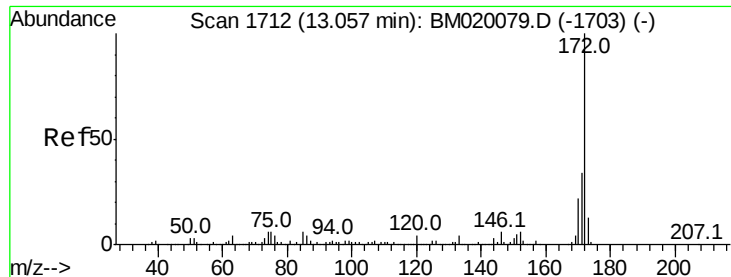
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.2	114.2
200	31.7	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.453 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.7	112.1
97	50.5	42.2	63.4
132	24.2	17.8	26.8



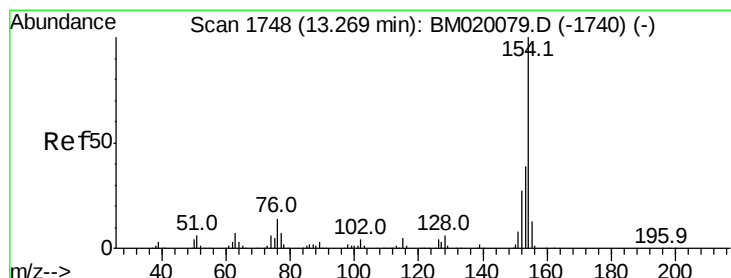
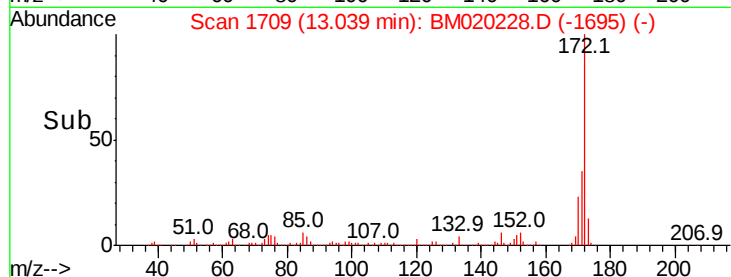
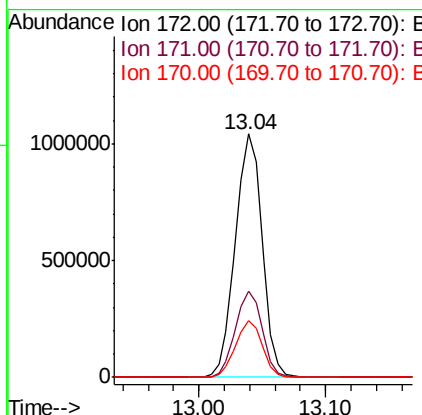
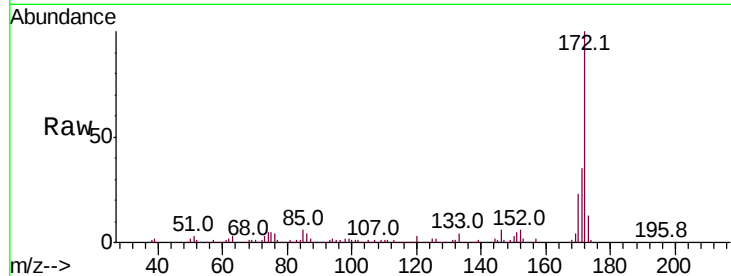


#45
 2-Fluorobiphenyl
 Concen: 87.704 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:172 Resp: 1528672

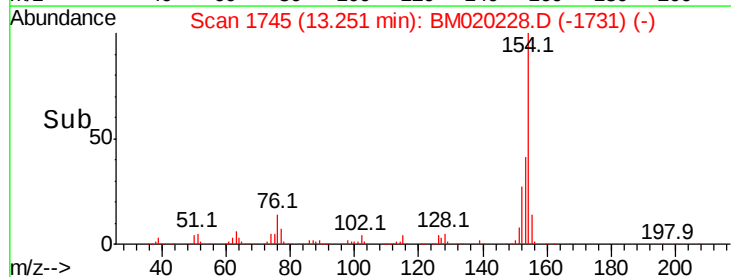
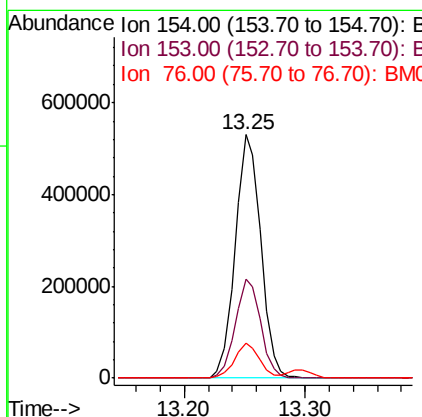
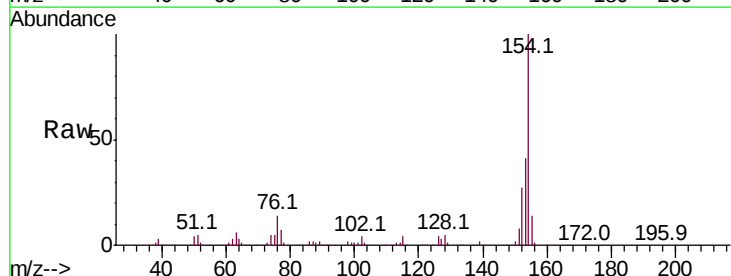
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.3	17.9	26.9

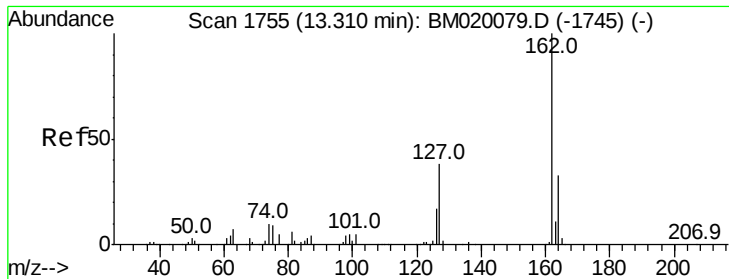


#46
 1,1'-Biphenyl
 Concen: 44.454 ng
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:154 Resp: 784670

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.4	59.4
76	14.2	0.0	34.5

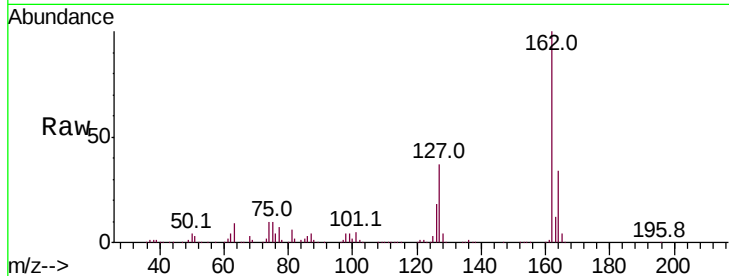




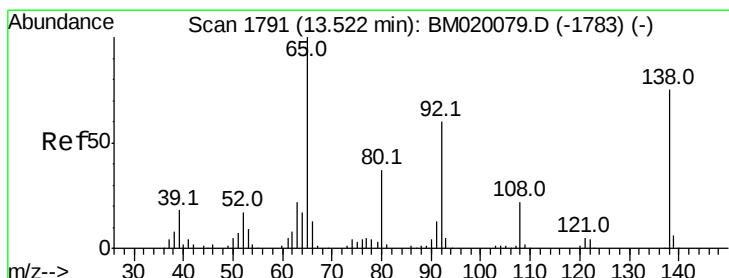
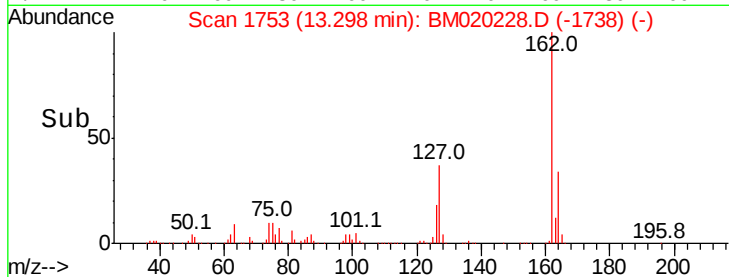
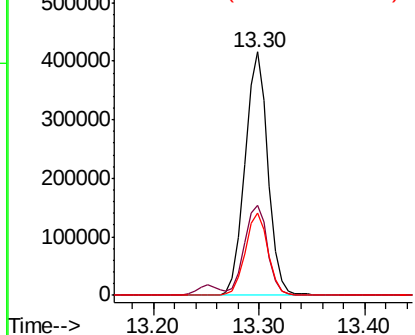
#47
 2-Chloronaphthalene
 Concen: 44.511 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.4
164	33.6	26.2	39.2

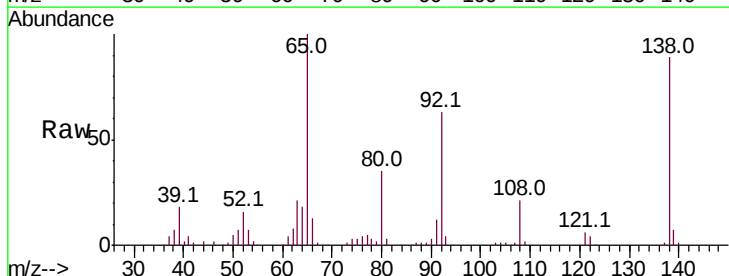


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

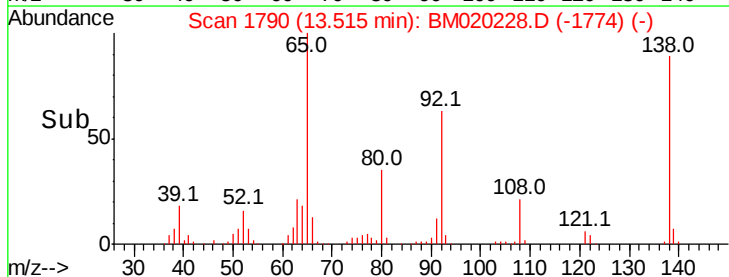
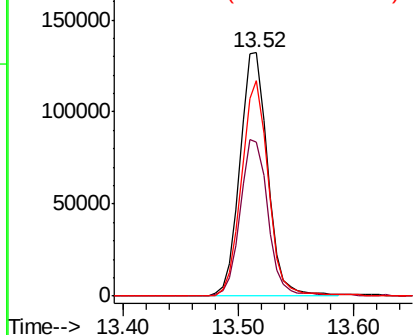


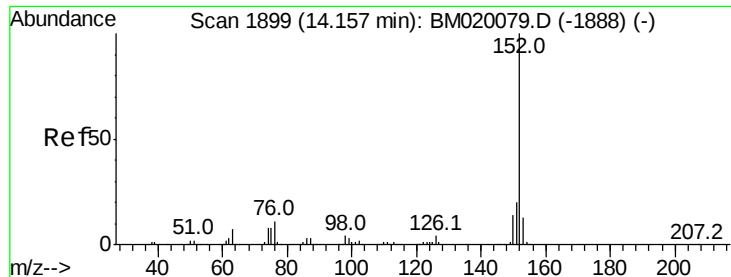
#48
 2-Nitroaniline
 Concen: 44.284 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	48.2	72.4
138	88.7	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: 44.583 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

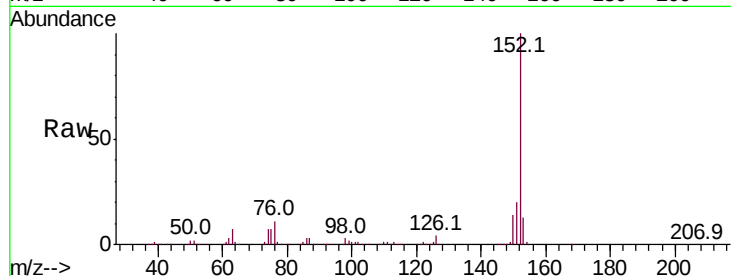
Tot Ion:152 Resp: 1005570

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

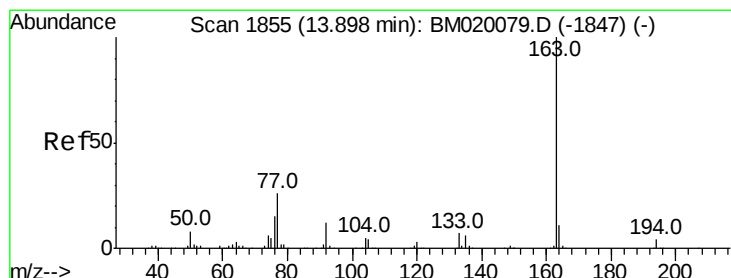
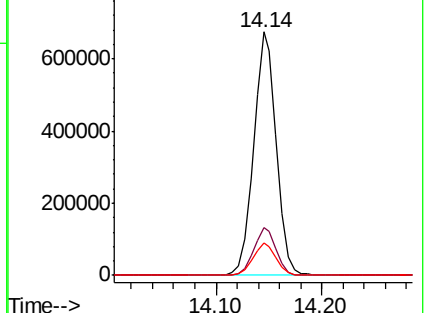
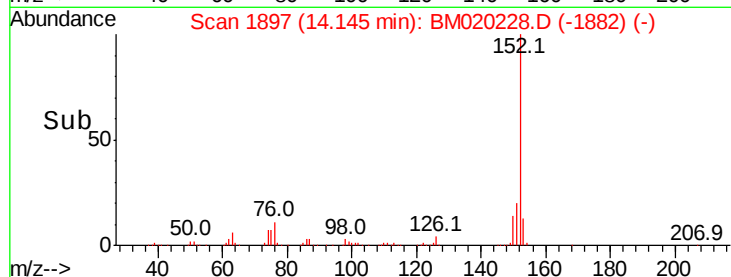
153 13.5 10.6 16.0



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: 41.932 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

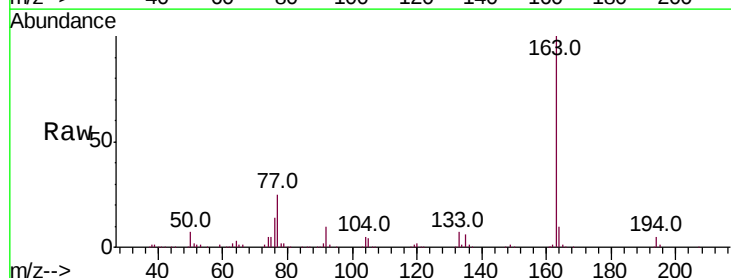
Tgt Ion:163 Resp: 764276

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

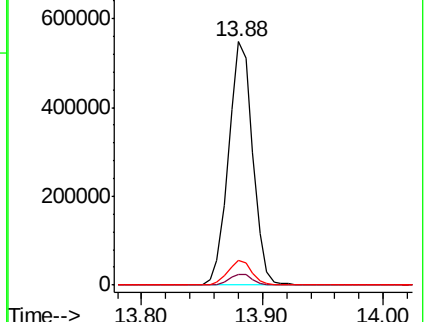
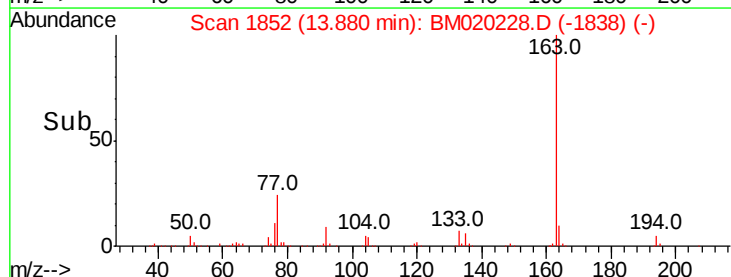
164 10.3 8.4 12.6

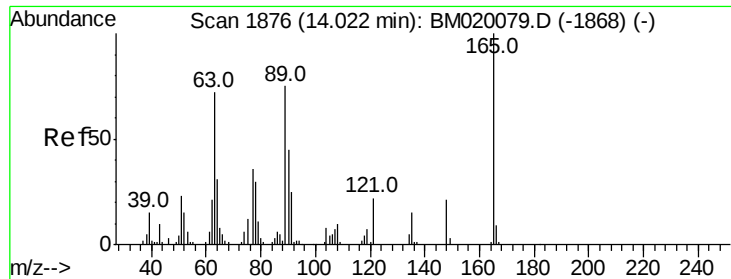


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

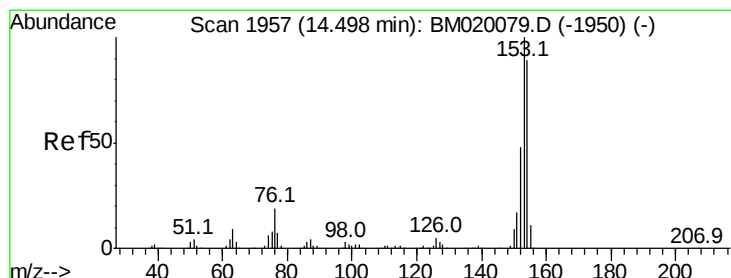
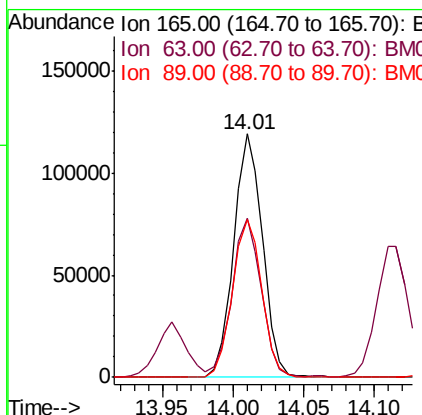
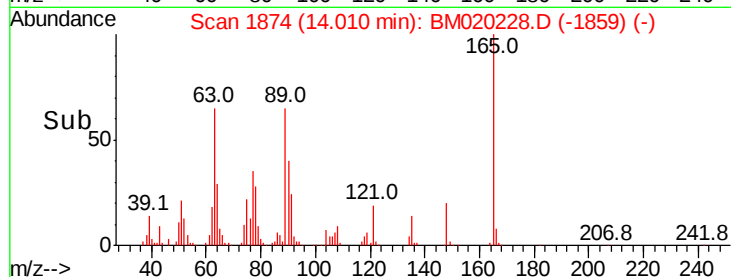
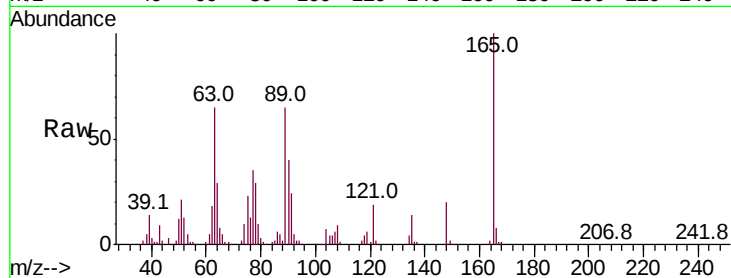




#51
2,6-Dinitrotoluene
Concen: 44.124 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

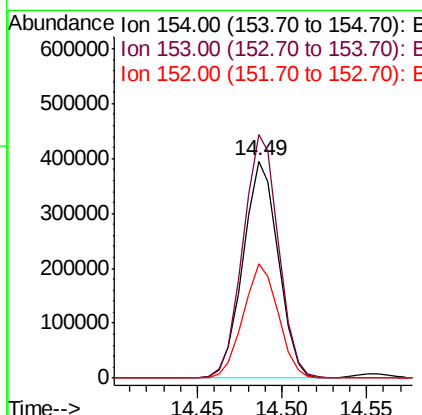
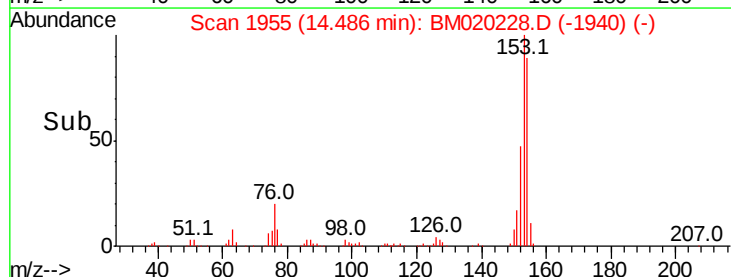
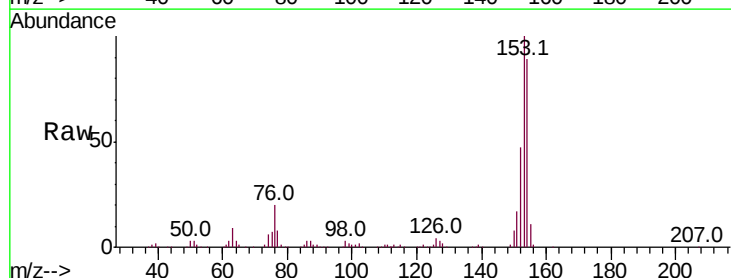
Instrument :
BNA_M
ClientSampleId :

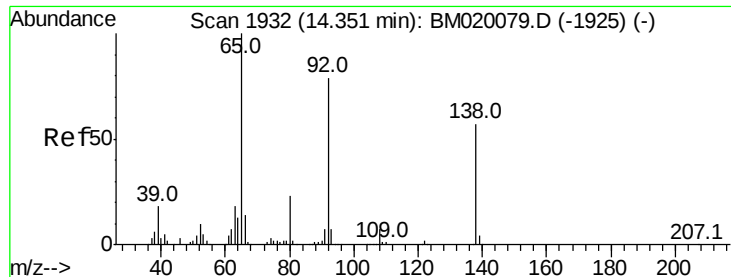
Tot Ion:165 Resp: 169389
Ion Ratio Lower Upper
165 100
63 65.5 60.3 90.5
89 64.7 59.8 89.6



#52
Acenaphthene
Concen: 44.460 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:154 Resp: 575055
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 52.6 43.0 64.4

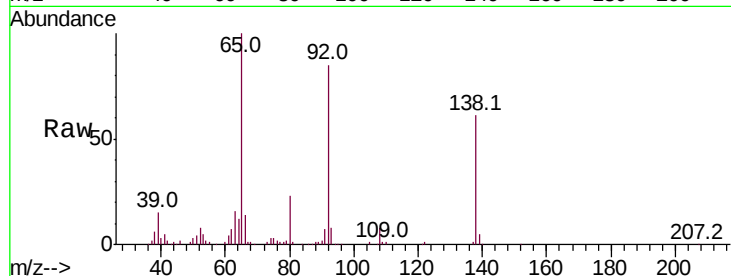




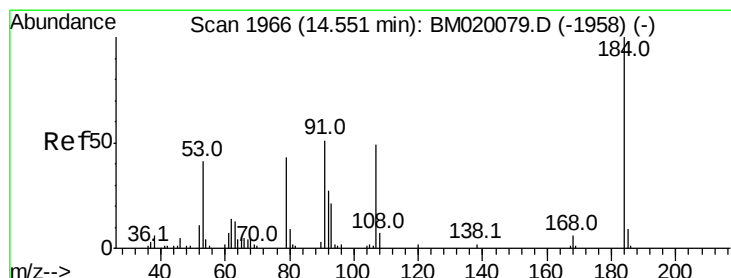
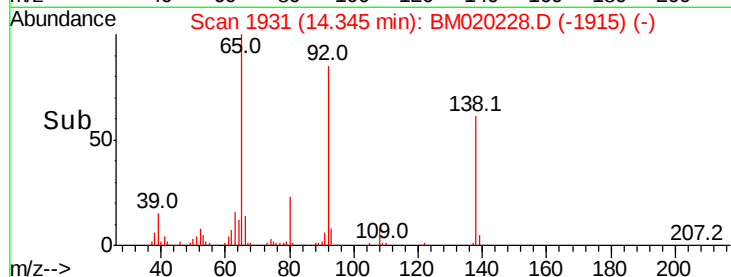
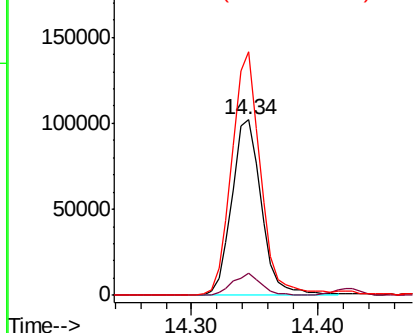
#53
3-Nitroaniline
Concen: 46.319 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 165036
Ion Ratio Lower Upper
138 100
108 12.6 10.4 15.6
92 138.8 111.3 166.9

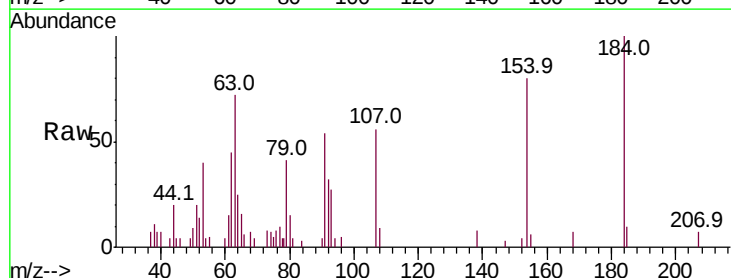


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

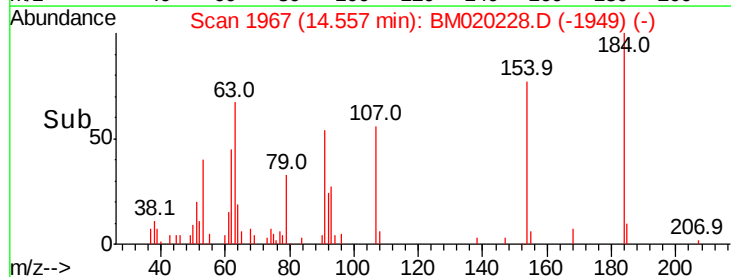
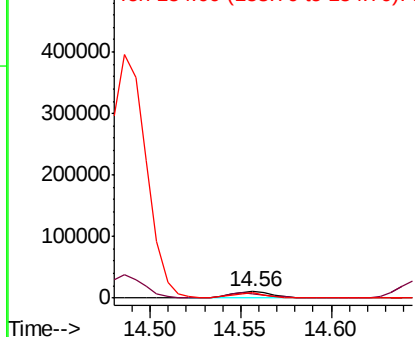


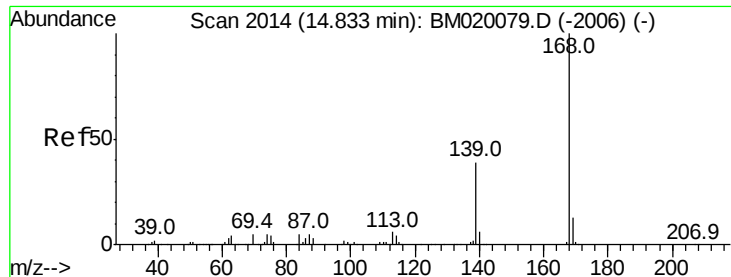
#54
2,4-Dinitrophenol
Concen: 16.908 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:184 Resp: 18144
Ion Ratio Lower Upper
184 100
63 72.1 68.9 103.3
154 79.6 54.4 81.6



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

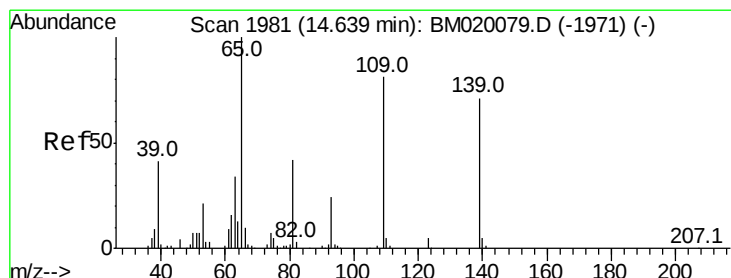
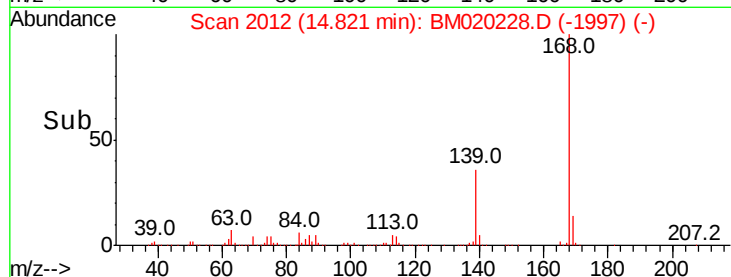
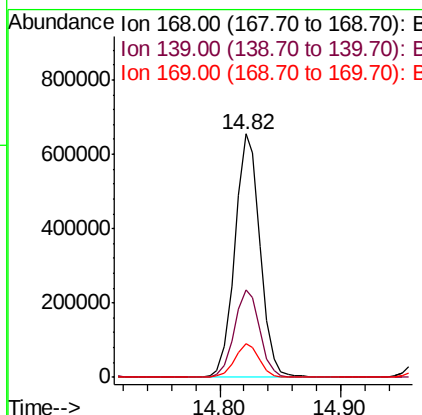
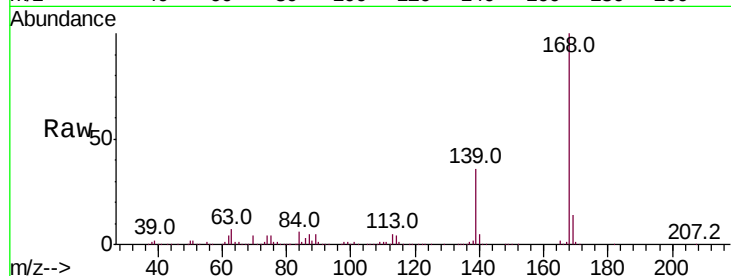




#55
Dibenzofuran
Concen: 43.507 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

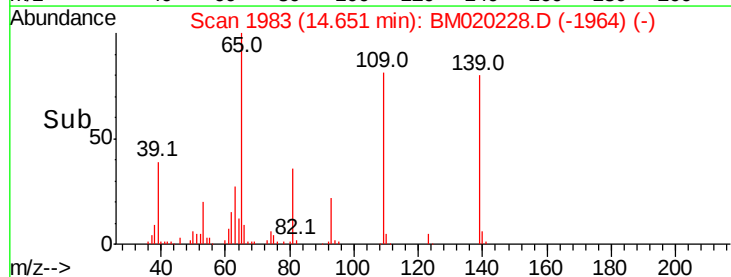
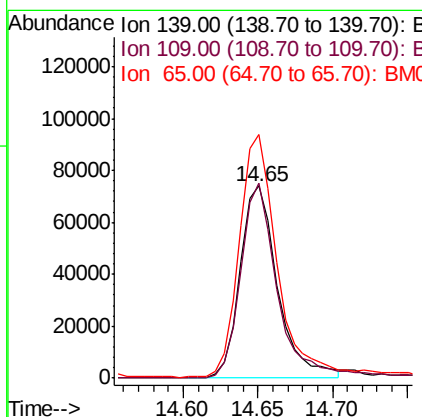
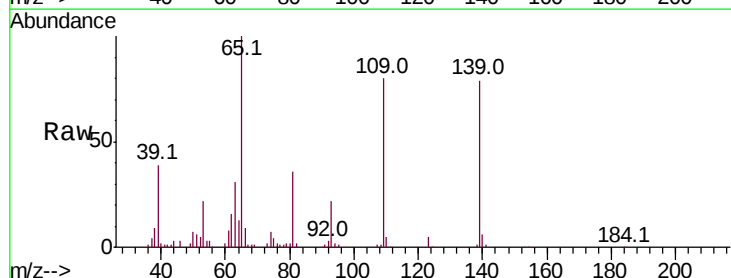
Instrument :
BNA_M
ClientSampleId :

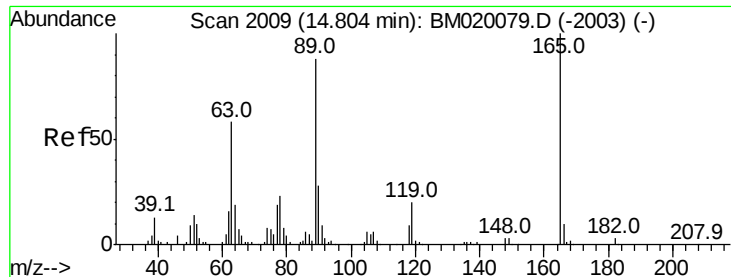
Tot Ion:168 Resp: 949197
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 42.650 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:139 Resp: 129656
Ion Ratio Lower Upper
139 100
109 101.7 94.1 134.1
65 126.6 120.9 160.9

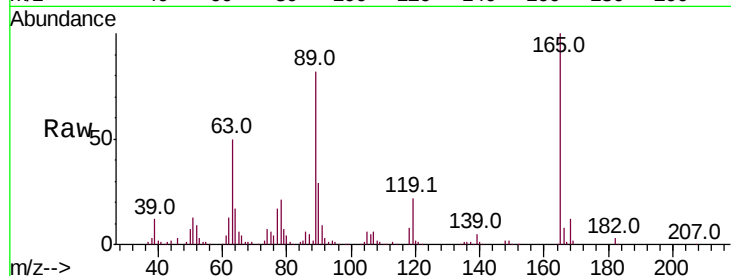




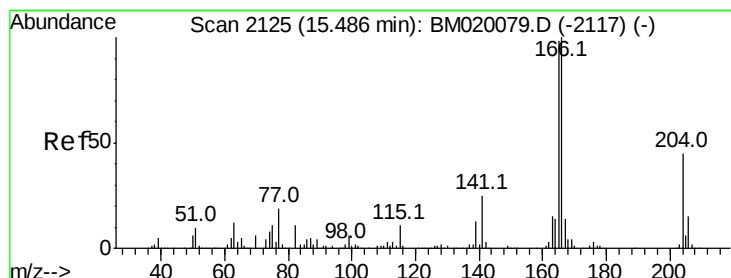
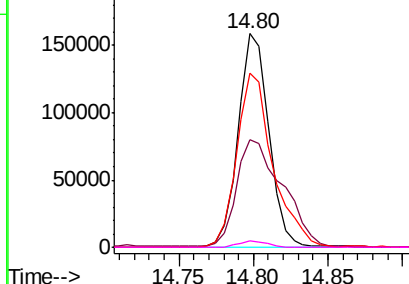
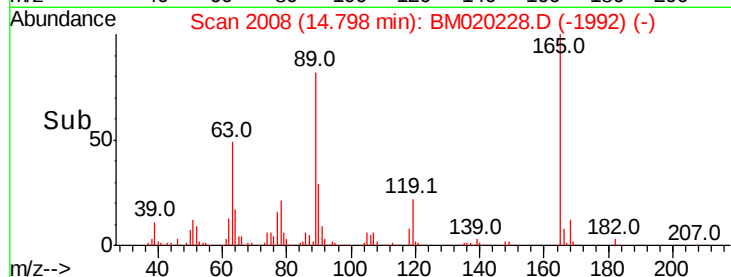
#57
 2,4-Dinitrotoluene
 Concen: 43.580 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 227331
 Ion Ratio Lower Upper
 165 100
 63 50.3 46.2 69.2
 89 81.6 70.6 105.8
 182 2.9 2.2 3.2

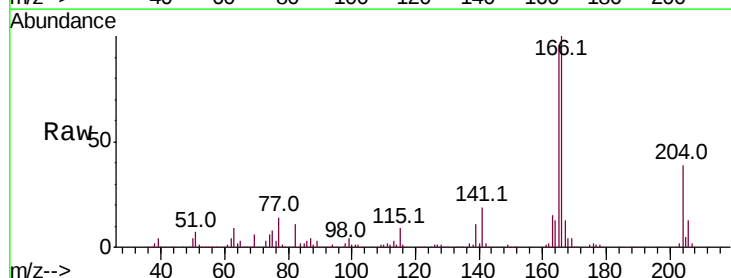


Abundance Ion 165.00 (164.70 to 165.70): E
 250000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

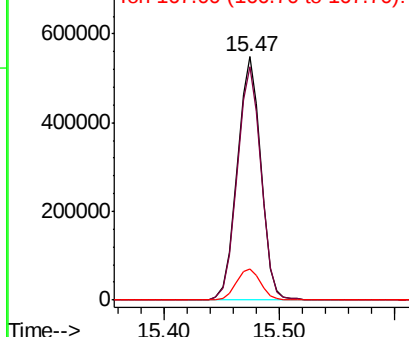
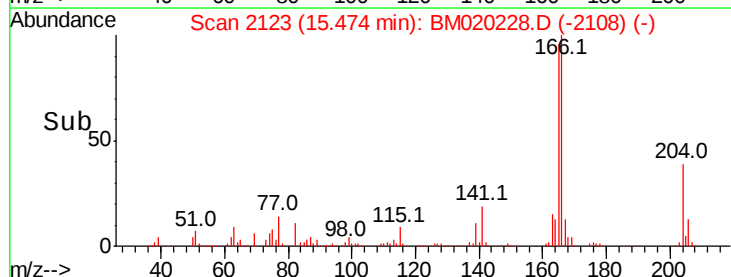


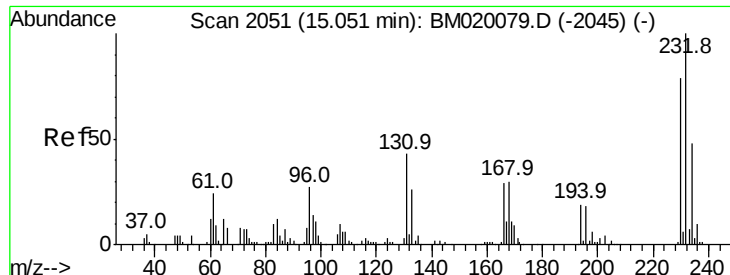
#58
 Fluorene
 Concen: 43.209 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:166 Resp: 774207
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.2 117.2
 167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 600000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

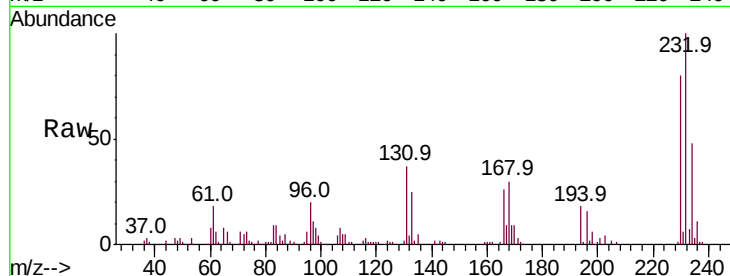




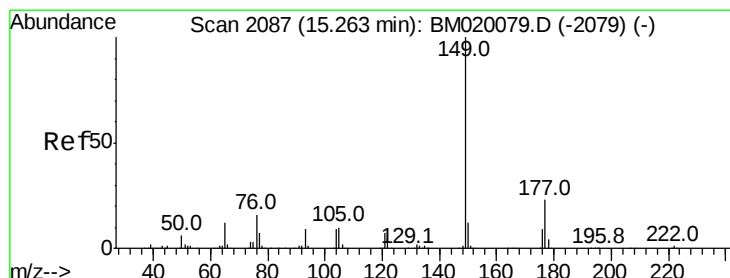
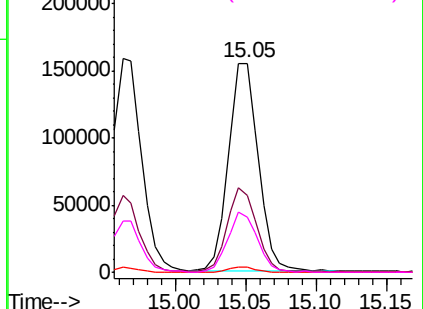
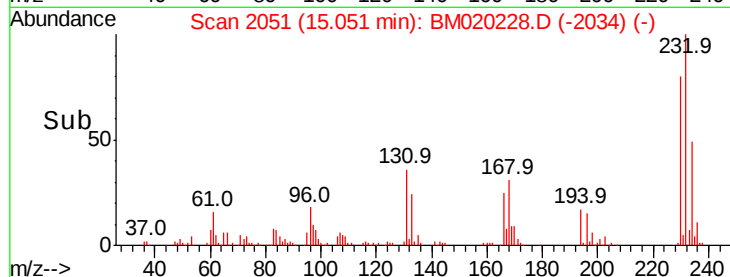
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.952 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232	Resp:	227556
Ion Ratio	Lower	Upper
232	100	
131	39.8	34.2 51.4
130	2.3	2.0 3.0
166	27.8	23.8 35.8

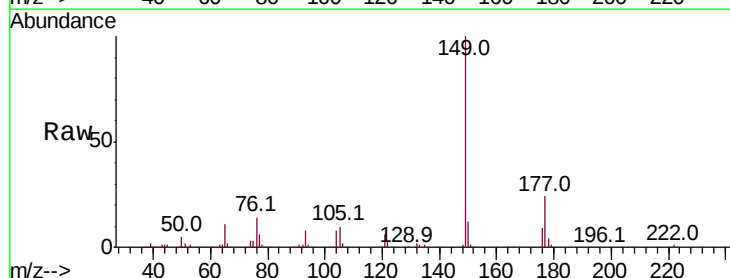


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

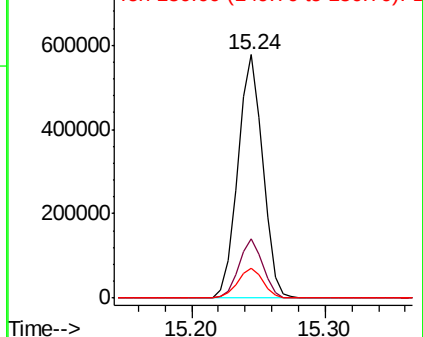
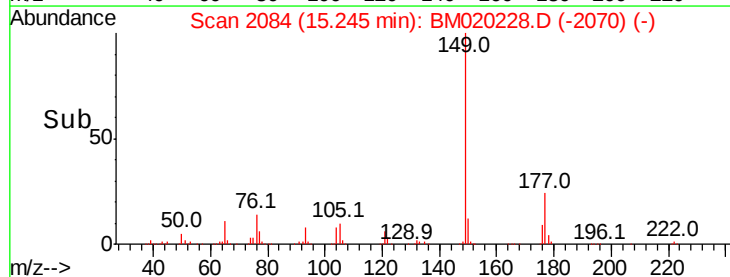


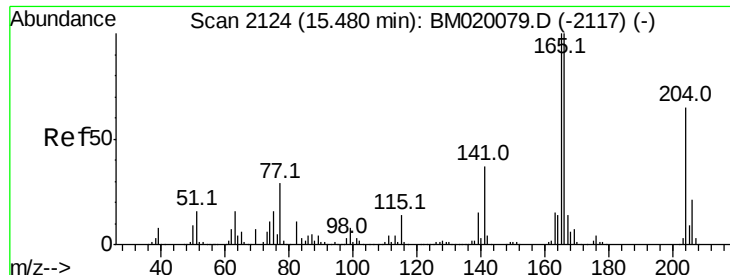
#60
 Diethylphthalate
 Concen: 40.702 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:149	Resp:	747421
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.2 27.4
150	12.3	9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

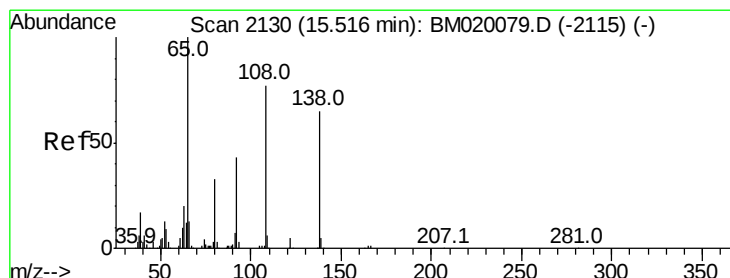
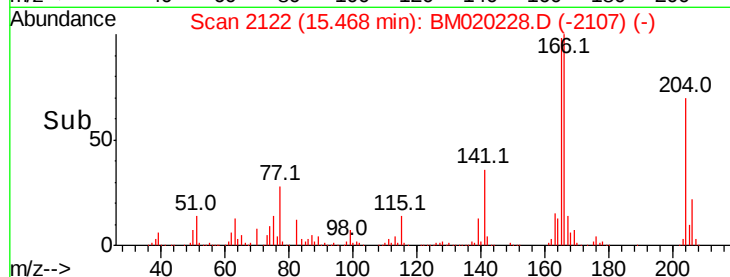
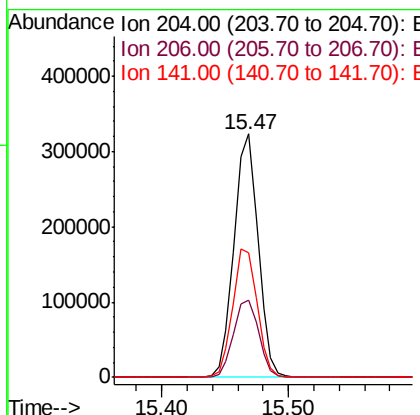
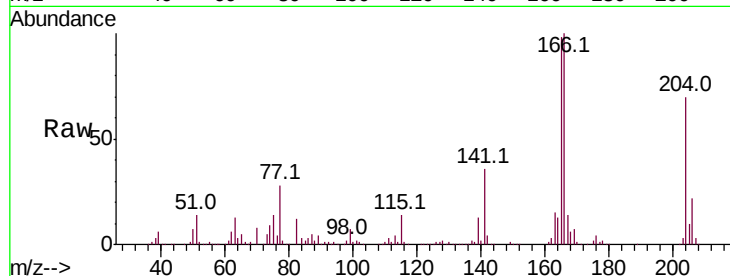




#61
 4-Chlorophenyl-phenylether
 Concen: 41.739 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

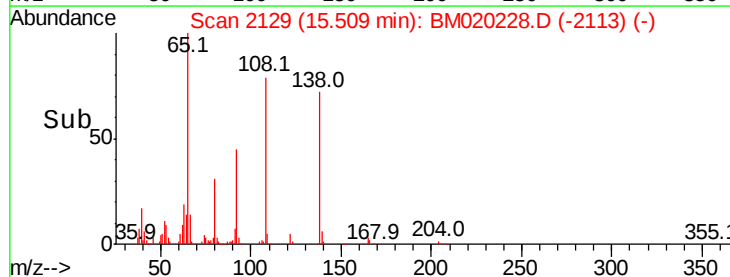
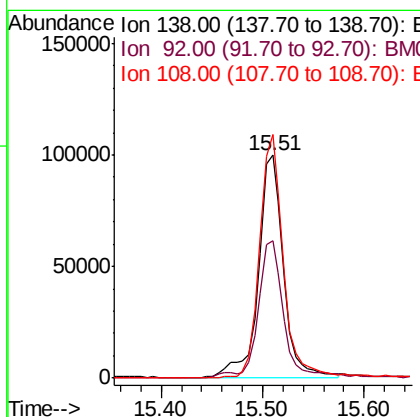
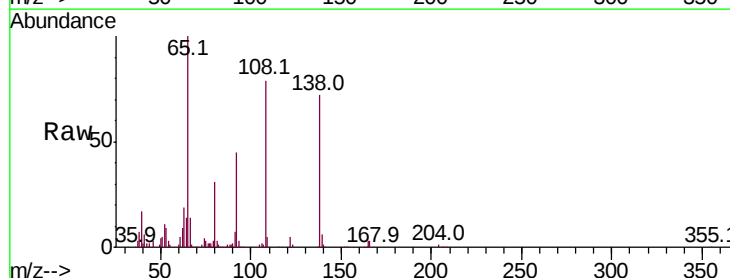
Instrument :
 BNA_M
 ClientSampled :

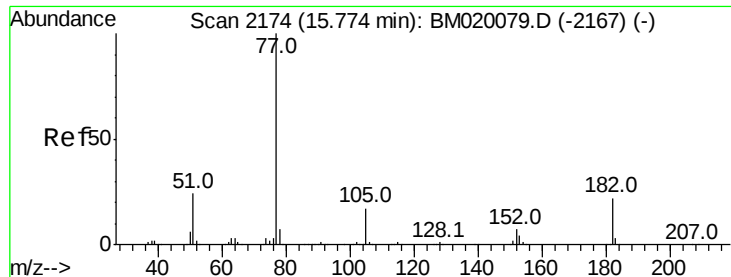
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	25.6	38.4
141	51.2	46.1	69.1



#62
 4-Nitroaniline
 Concen: 44.360 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.8	45.9	85.9
108	109.3	97.7	137.7





#63

Azobenzene

Concen: 38.848 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 841585

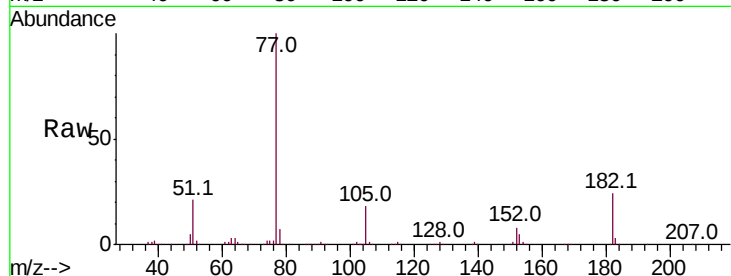
Ion Ratio Lower Upper

77 100

182 24.4 2.1 42.1

105 17.7 0.0 36.8

51 20.9 3.8 43.8

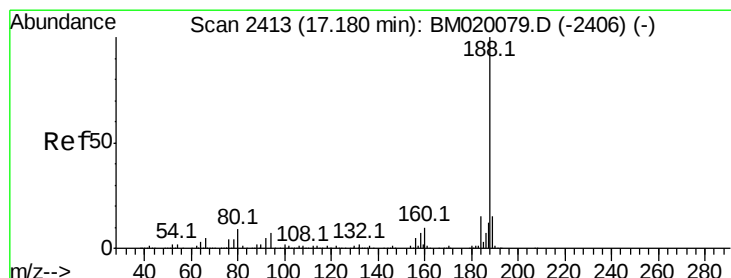
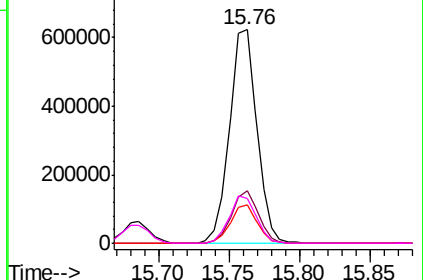
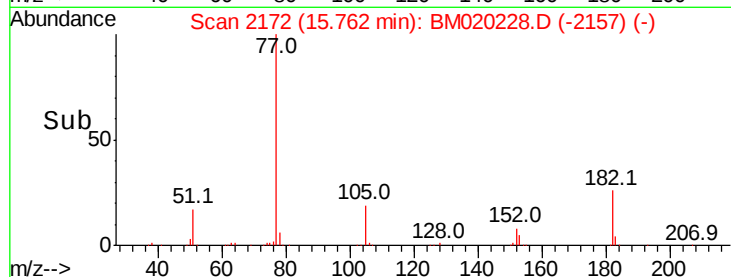


Abundance Ion 77.00 (76.70 to 77.70): BM0

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# 2412

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

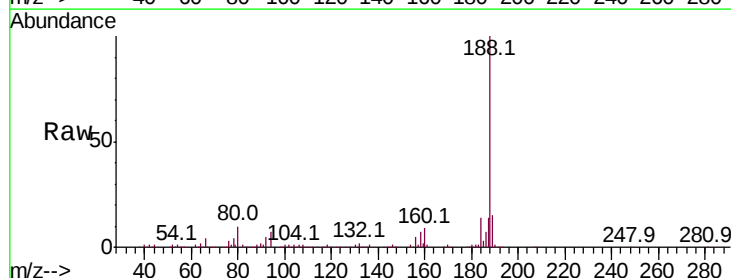
Tgt Ion: 188 Resp: 500662

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

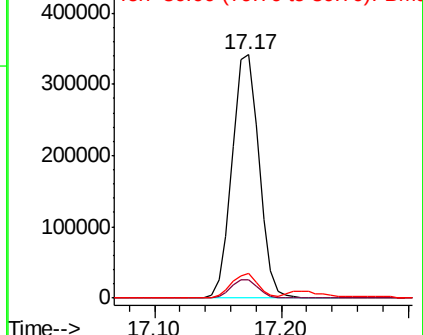
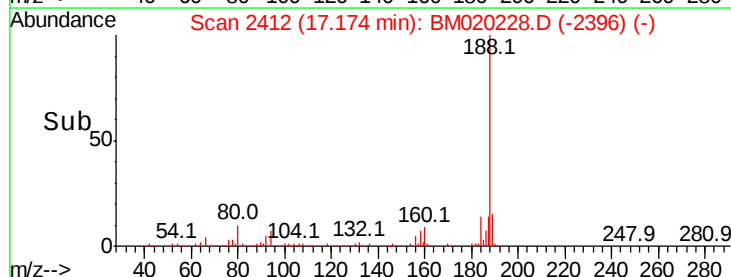
80 10.0 7.4 11.2

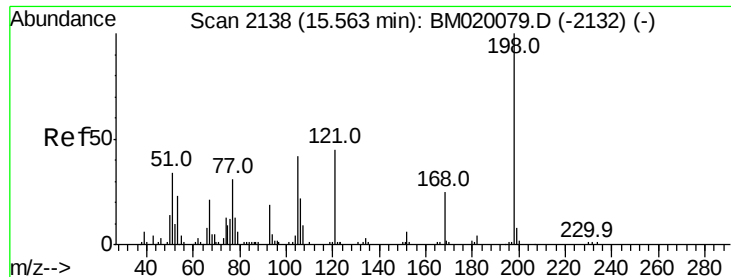


Abundance Ion 188.00 (187.70 to 188.70): E

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: 19.229 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

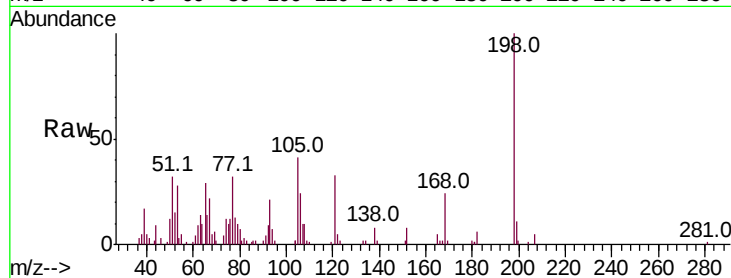
Tot Ion:198 Resp: 35830

Ion Ratio Lower Upper

198 100

51 31.7 16.5 56.5

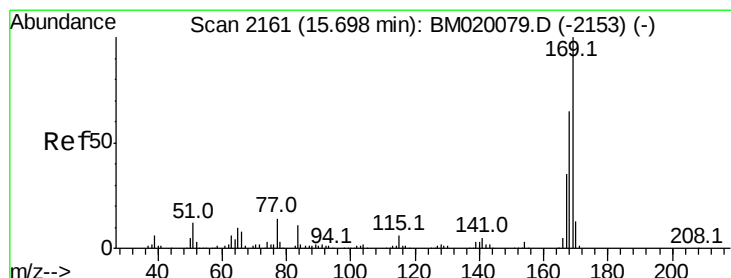
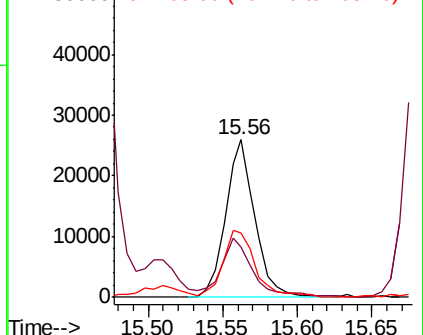
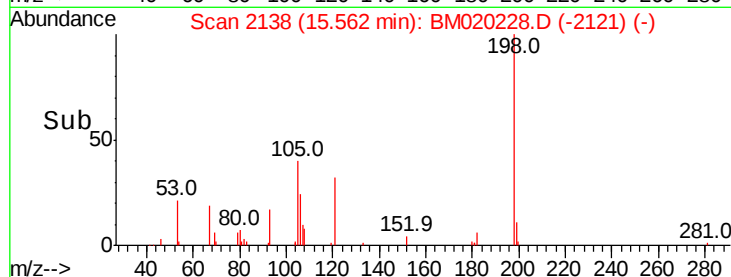
105 41.2 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.802 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

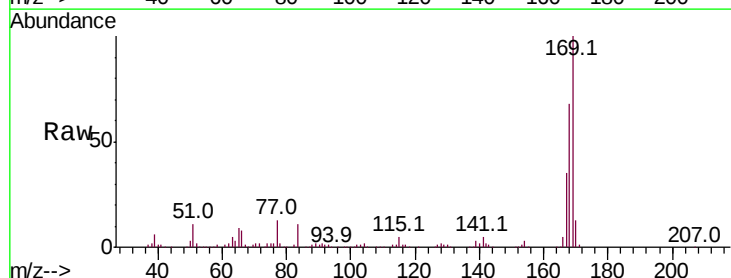
Tgt Ion:169 Resp: 660028

Ion Ratio Lower Upper

169 100

168 68.2 51.9 77.9

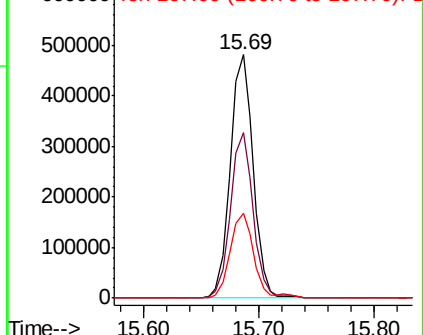
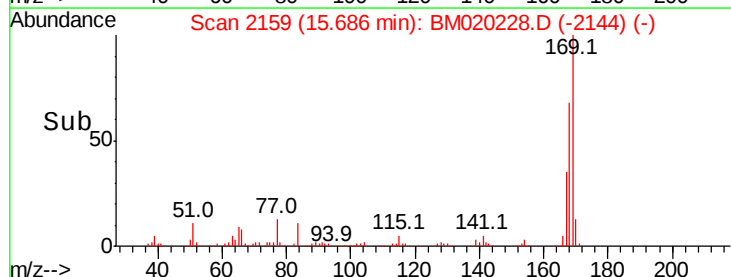
167 35.1 27.8 41.6

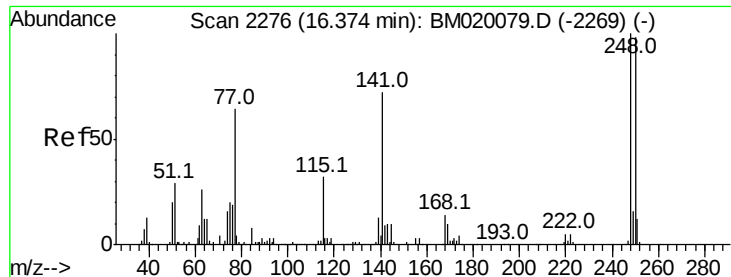


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

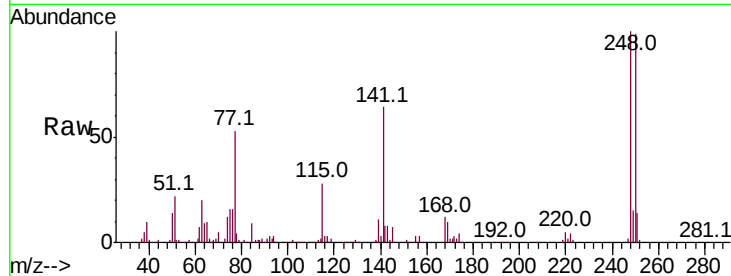




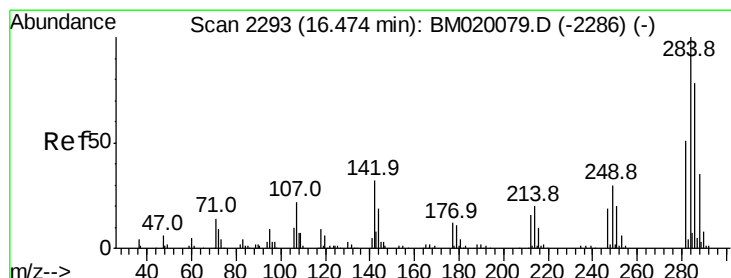
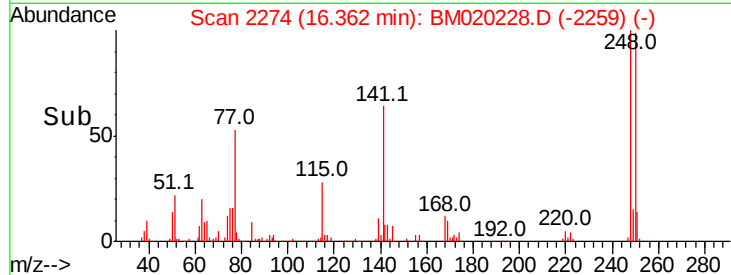
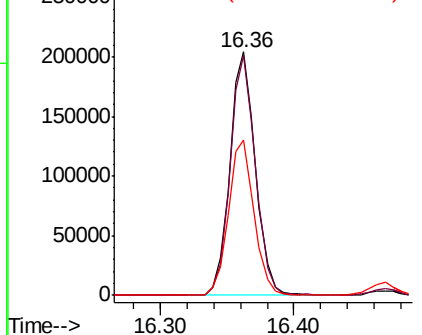
#67
4-Bromophenyl-phenylether
Concen: 44.252 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 271679
Ion Ratio Lower Upper
248 100
250 98.7 78.4 117.6
141 64.0 57.4 86.2

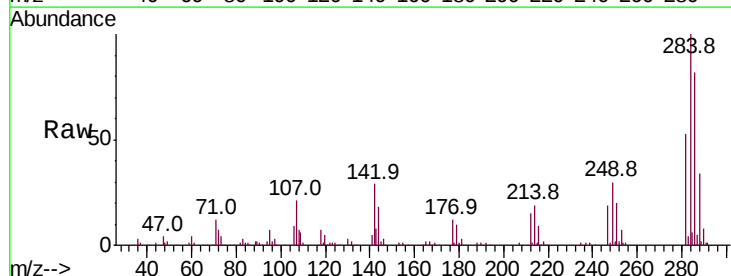


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

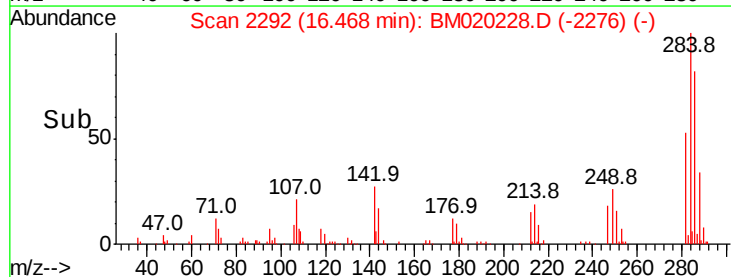
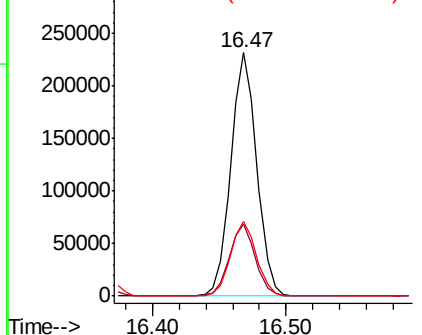


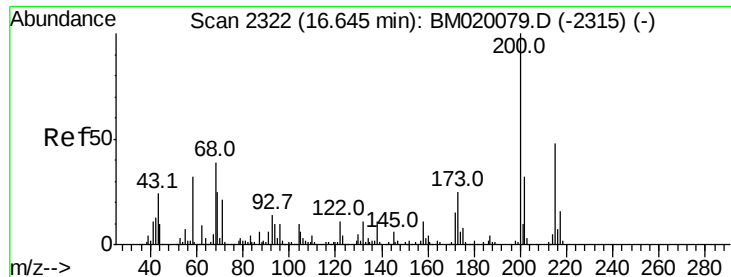
#68
Hexachlorobenzene
Concen: 44.366 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:284 Resp: 313439
Ion Ratio Lower Upper
284 100
142 29.4 25.2 37.8
249 30.4 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

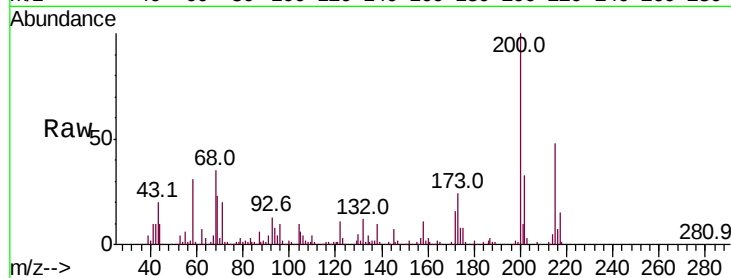




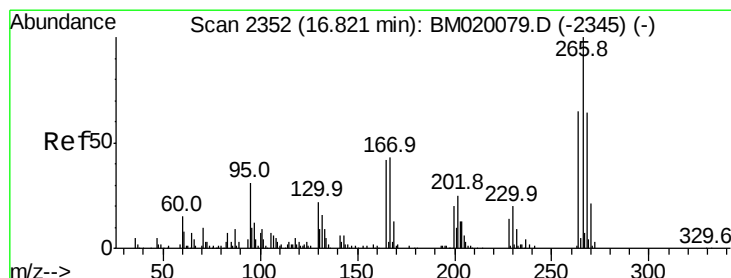
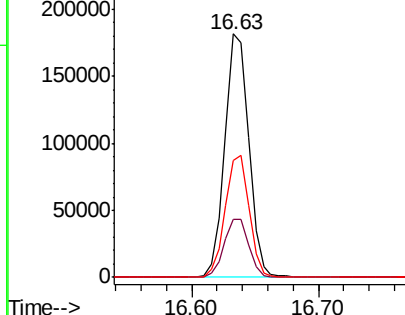
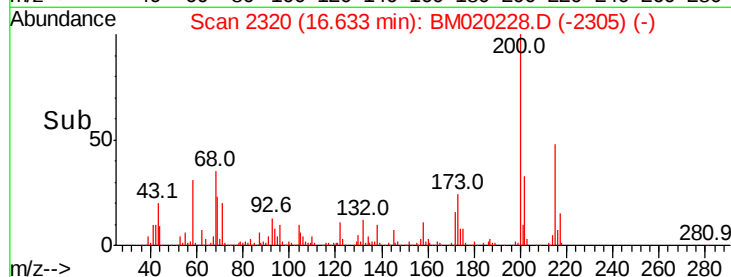
#69
 Atrazine
 Concen: 41.469 ng
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.6	44.6
215	48.0	28.0	68.0

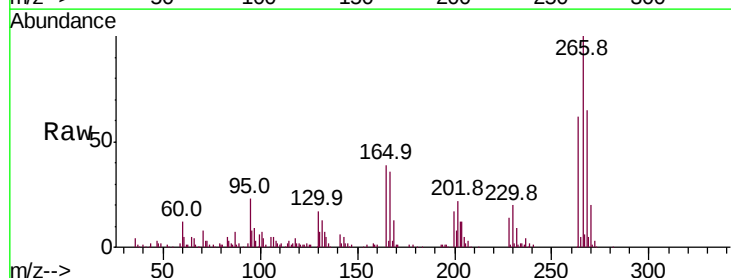


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

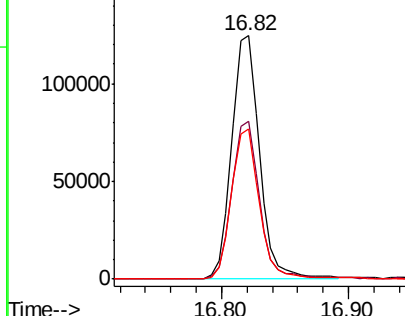
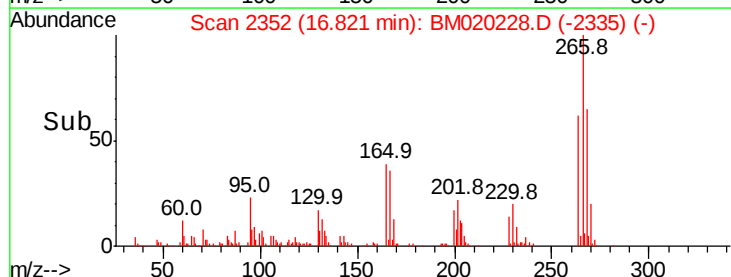


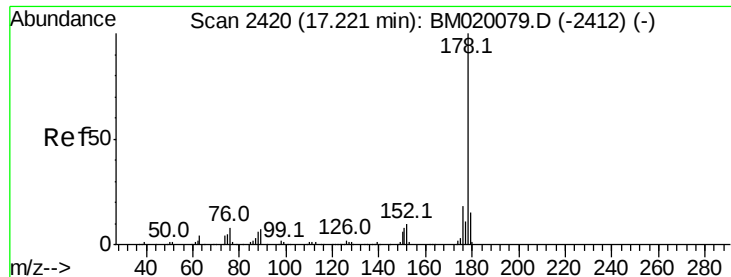
#70
 Pentachlorophenol
 Concen: 46.694 ng
 RT: 16.82 min Scan# 2352
 Delta R.T. -0.00 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.4	77.0
264	61.8	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

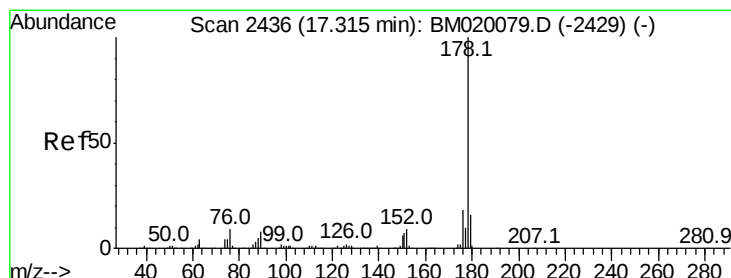
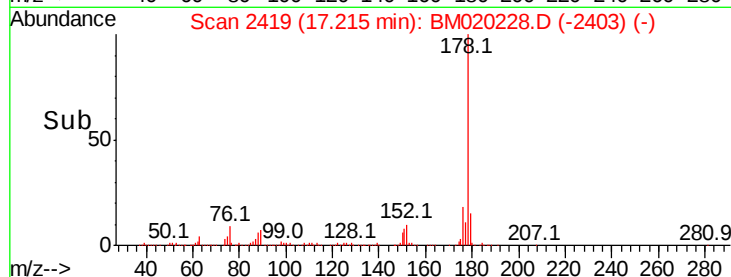
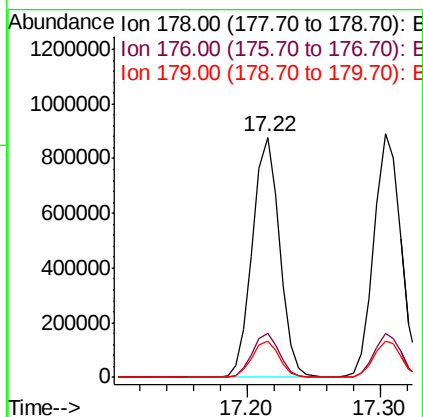
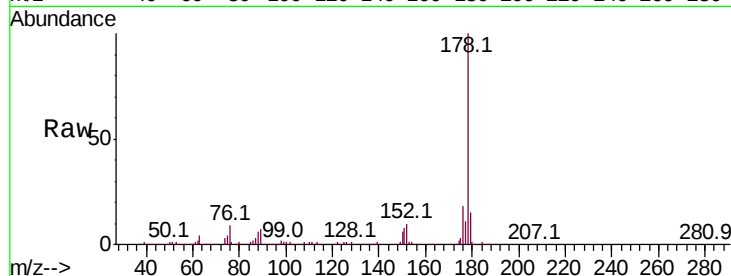




#71
Phenanthrene
Concen: 44.619 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

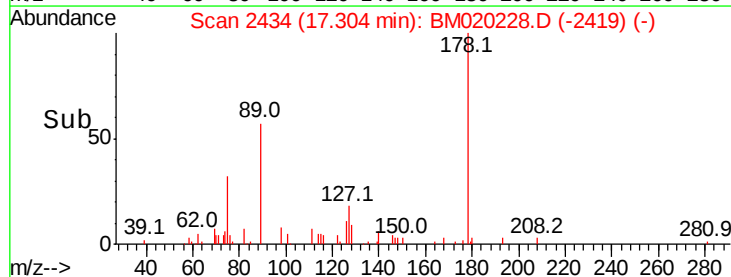
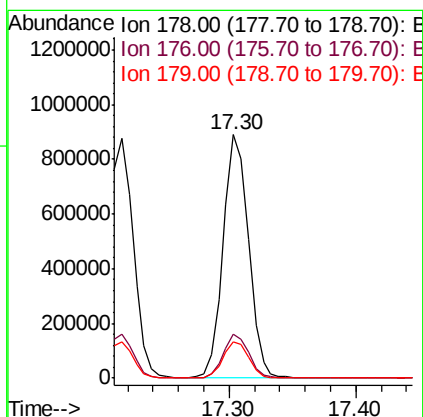
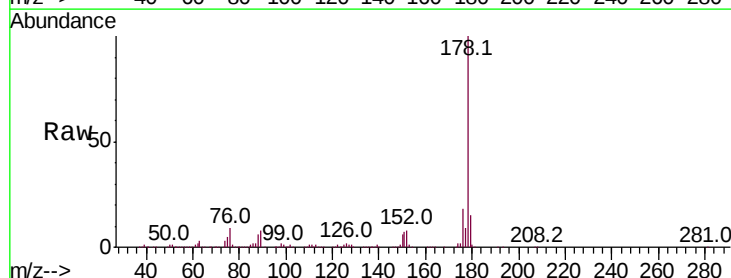
Instrument :
BNA_M
ClientSampleId :

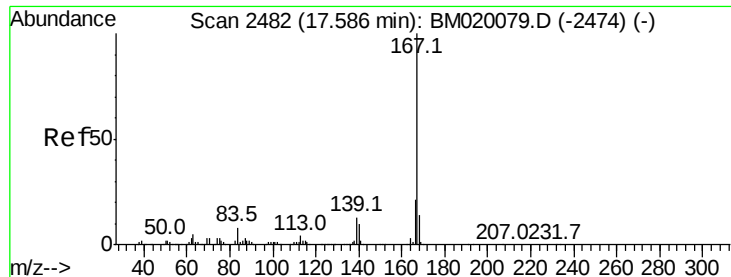
Tot Ion:178 Resp: 1233141
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6



#72
Anthracene
Concen: 44.763 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:178 Resp: 1236906
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.1 12.4 18.6





#73

Carbazole

Concen: 44.181 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

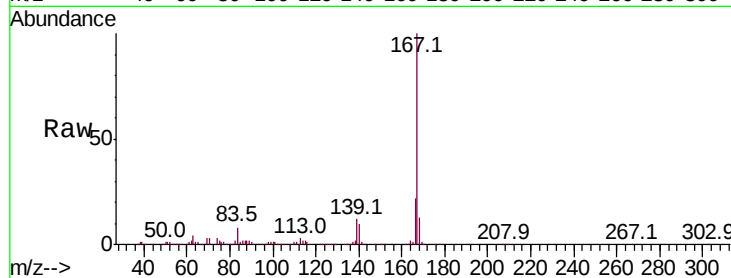
Tot Ion:167 Resp: 1101560

Ion Ratio Lower Upper

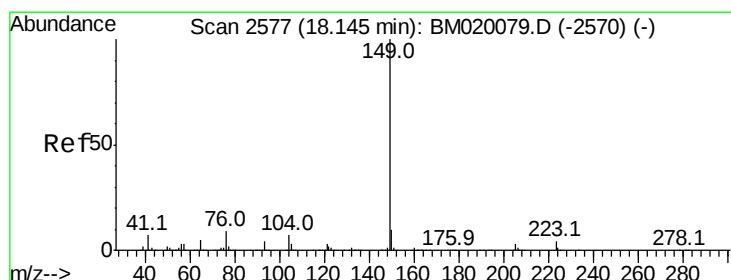
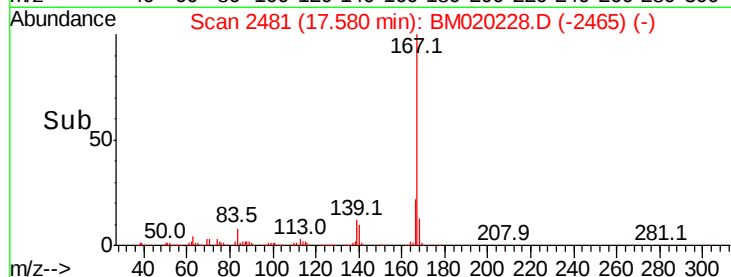
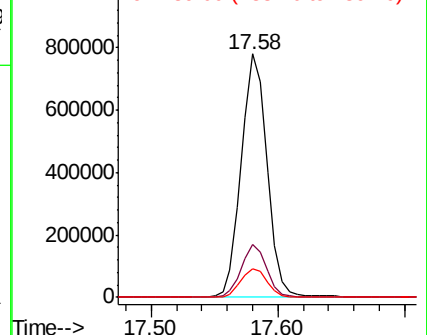
167 100

166 21.6 17.0 25.6

139 11.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.820 ng

RT: 18.13 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

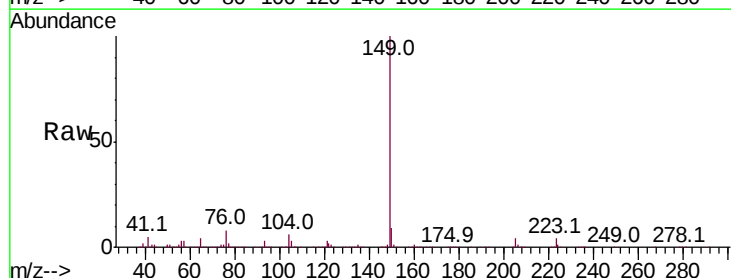
Tgt Ion:149 Resp: 1284839

Ion Ratio Lower Upper

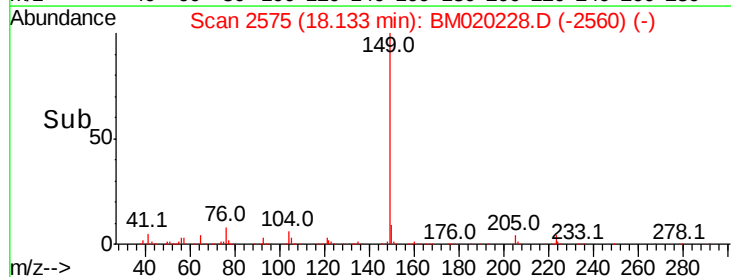
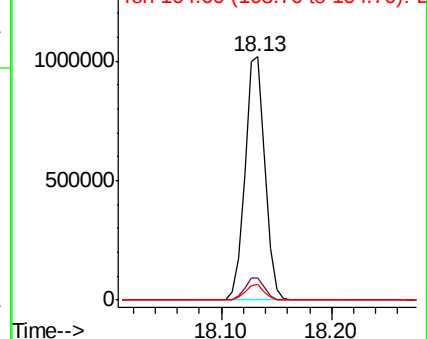
149 100

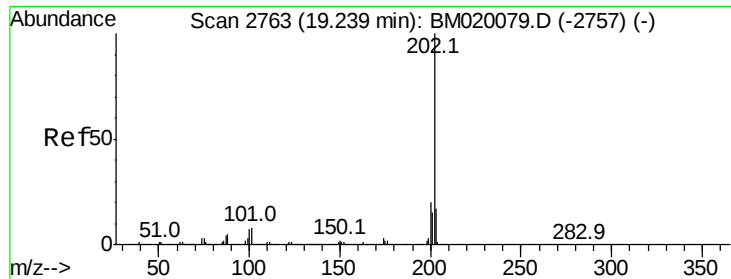
150 8.9 7.8 11.6

104 6.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.481 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

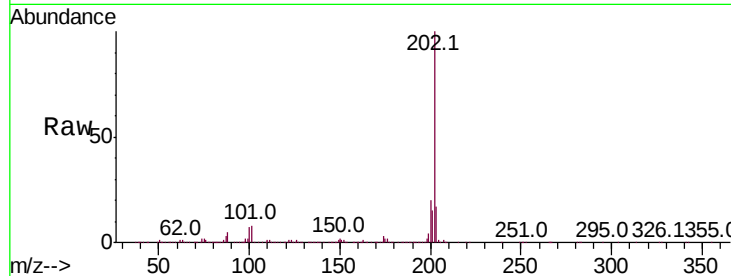
Tot Ion:202 Resp: 1520418

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.4

203 17.3 0.0 37.4

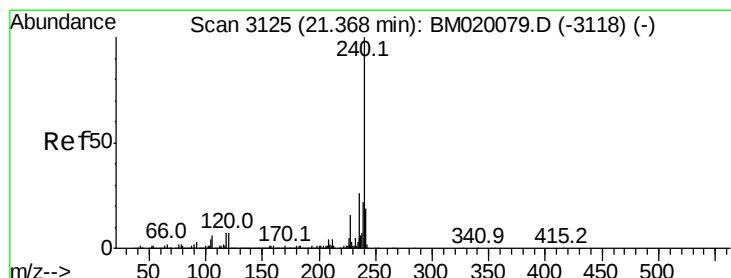
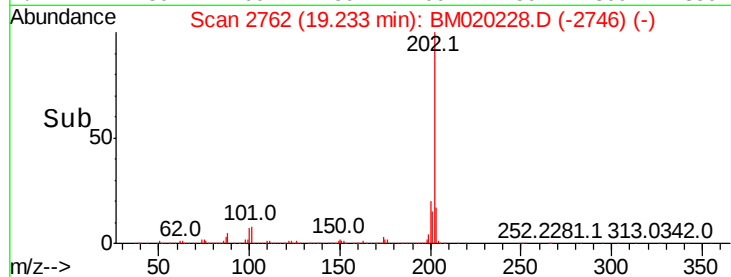
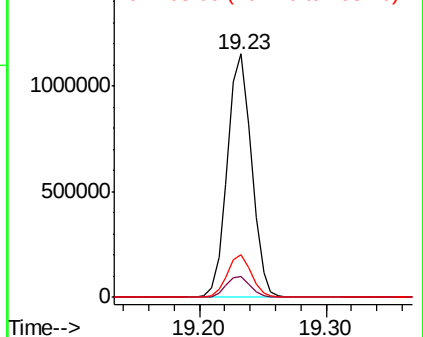


Abundance

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# 3124

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

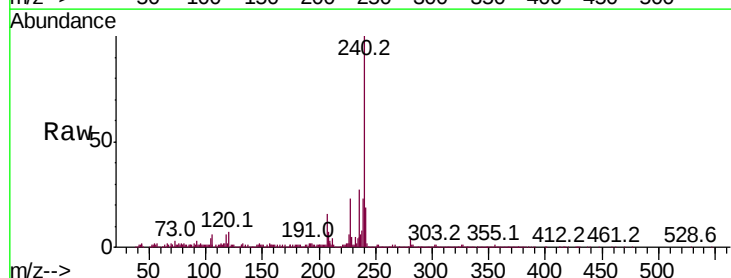
Tgt Ion:240 Resp: 518364

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

236 26.9 20.9 31.3

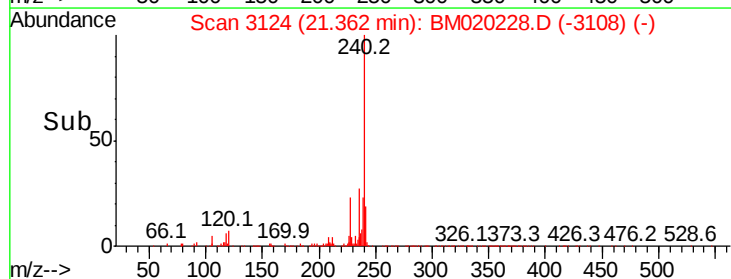
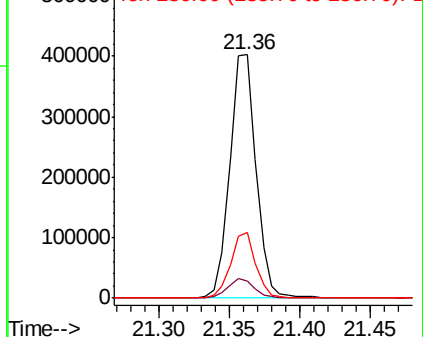


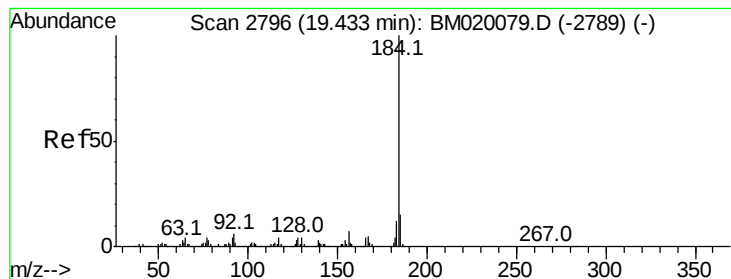
Abundance

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: 42.353 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

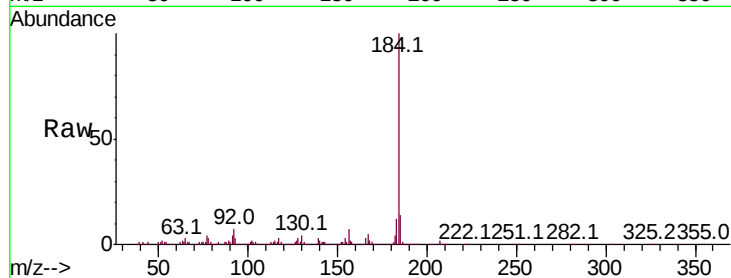
Tot Ion:184 Resp: 701899

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

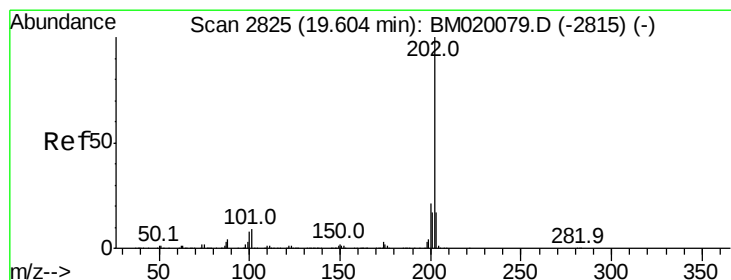
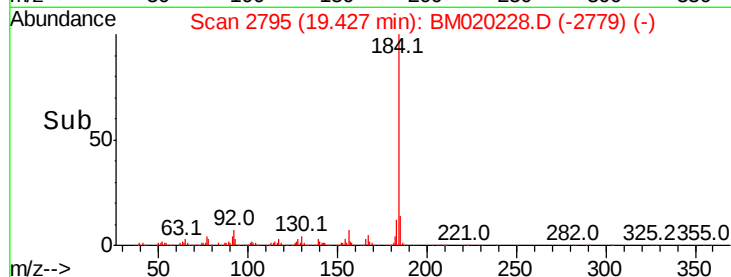
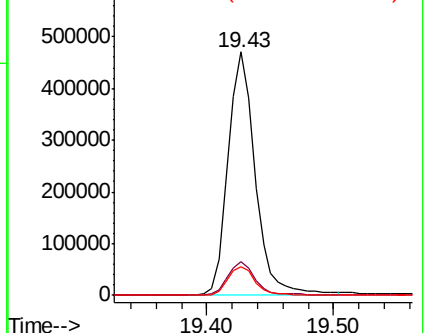
183 12.0 9.5 14.3



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: 45.110 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

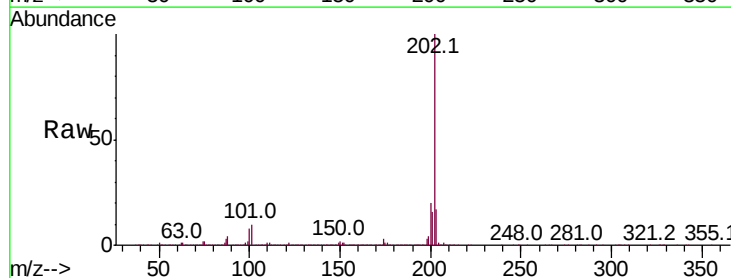
Tgt Ion:202 Resp: 1569933

Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

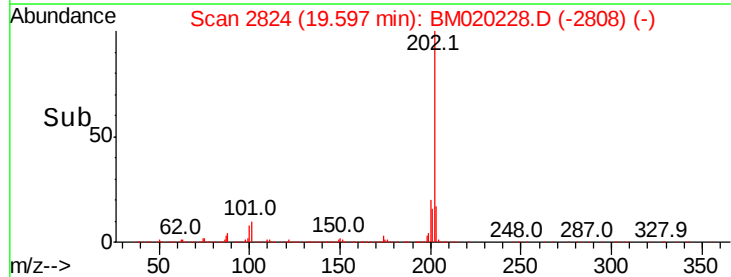
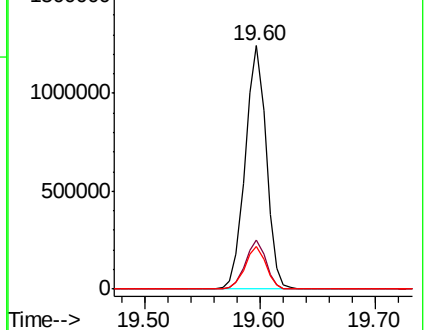
203 17.4 13.9 20.9

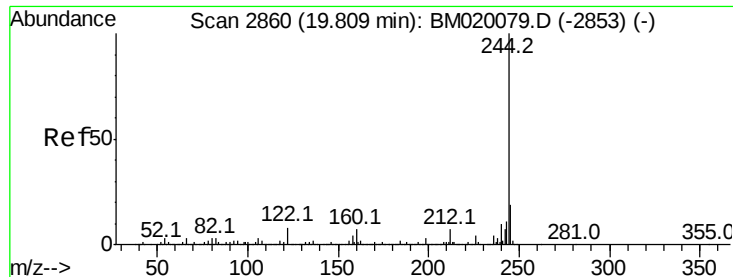


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.044 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampled :

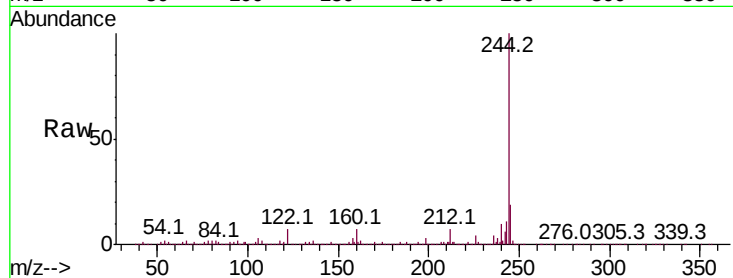
Tot Ion:244 Resp: 2557132

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

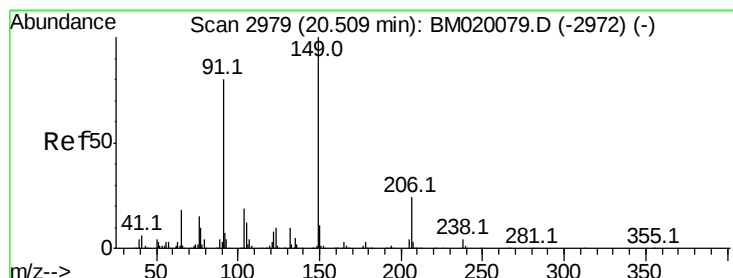
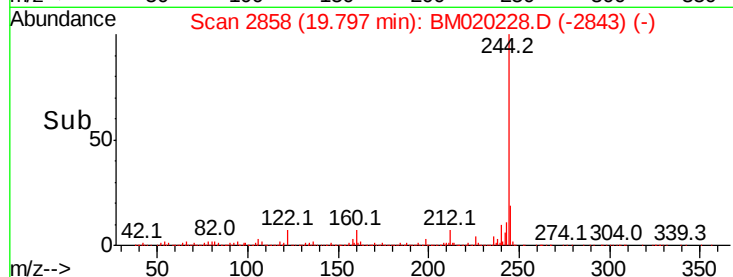
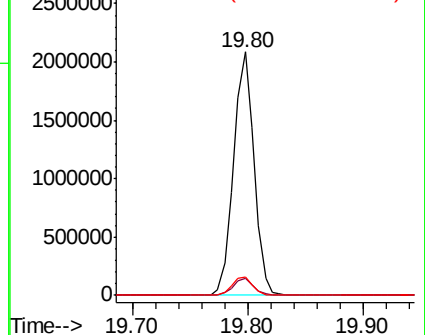
122 7.4 6.2 9.2



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: 47.288 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

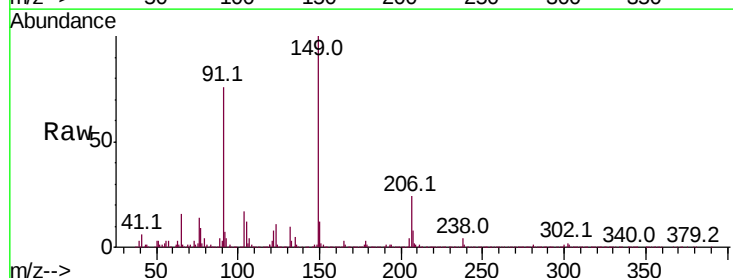
Tgt Ion:149 Resp: 598480

Ion Ratio Lower Upper

149 100

91 75.6 63.8 95.8

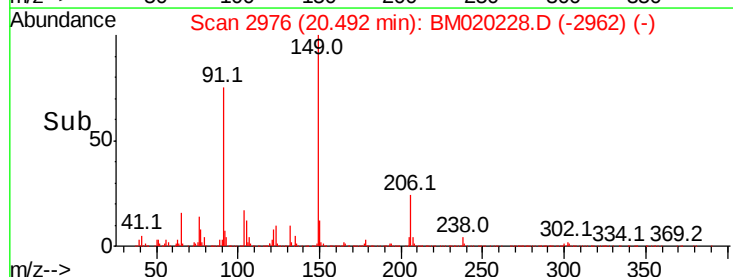
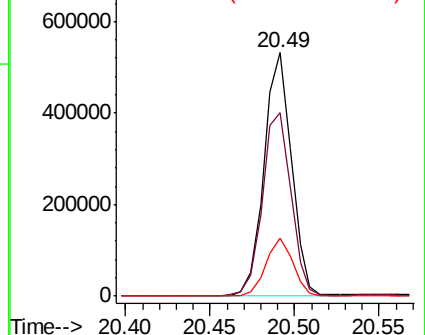
206 23.8 18.9 28.3

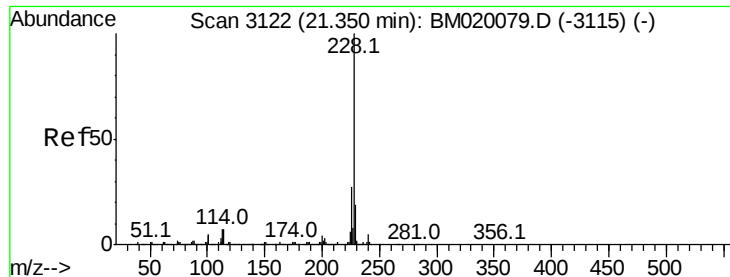


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.396 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

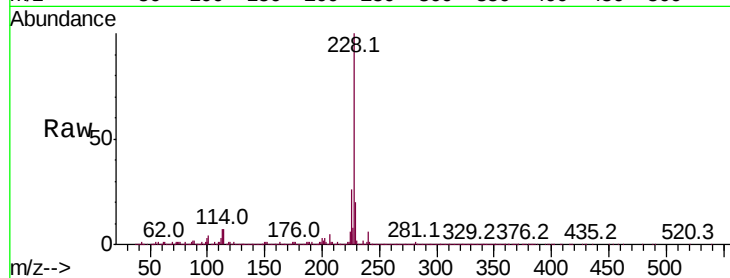
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1613908

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	20.0	15.5	23.3

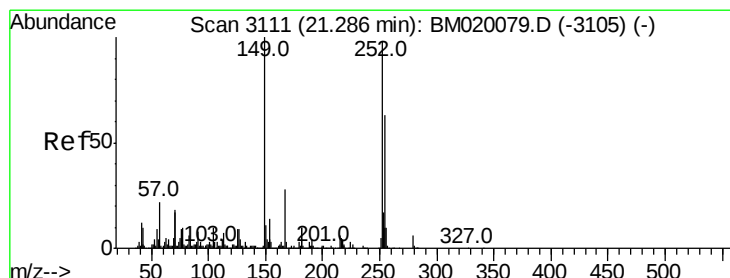
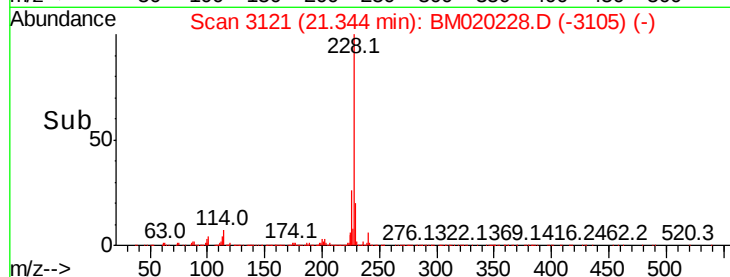
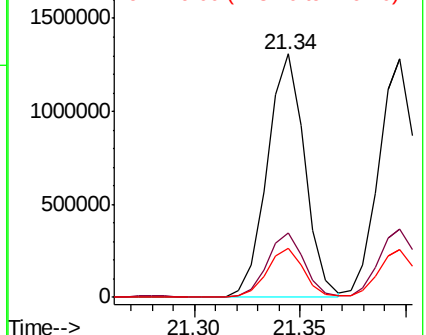


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 46.529 ng

RT: 21.28 min Scan# 3110

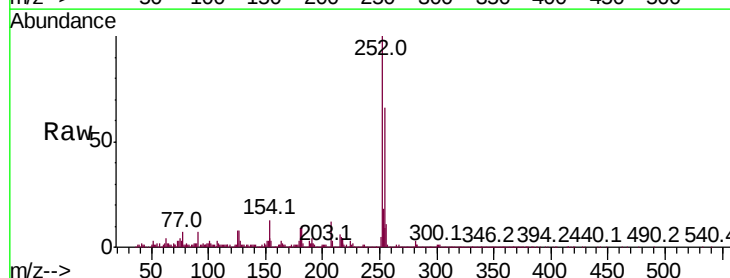
Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion:252 Resp: 645579

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.1	76.7
126	8.1	7.1	10.7

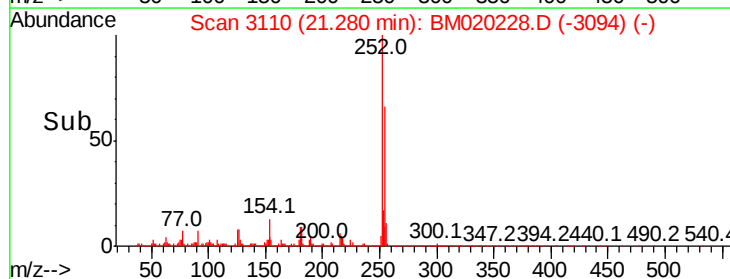
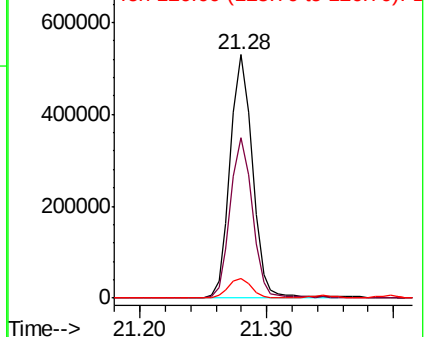


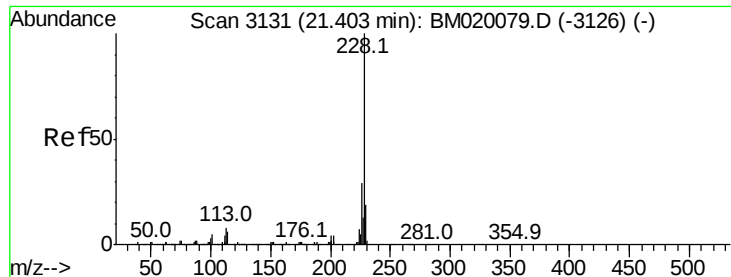
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.780 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

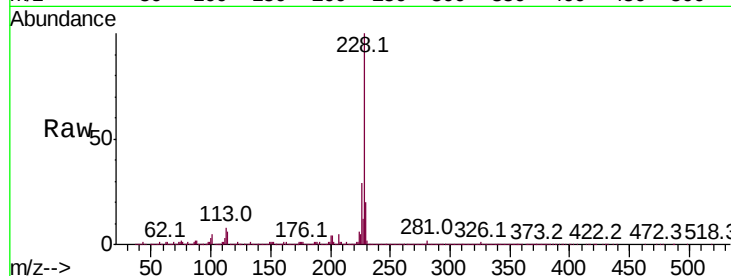
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1578755

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	19.8	15.5	23.3

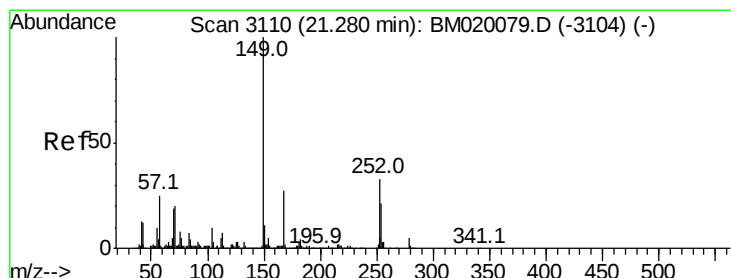
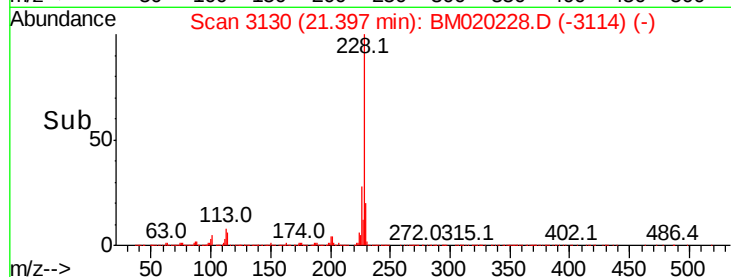
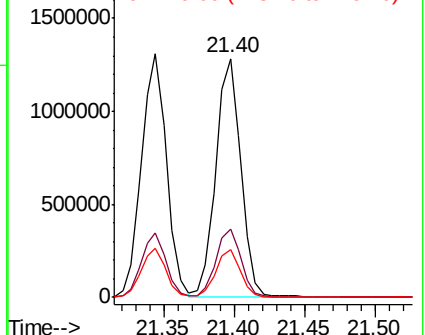


Abundance

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: 43.762 ng

RT: 21.26 min Scan# 3106

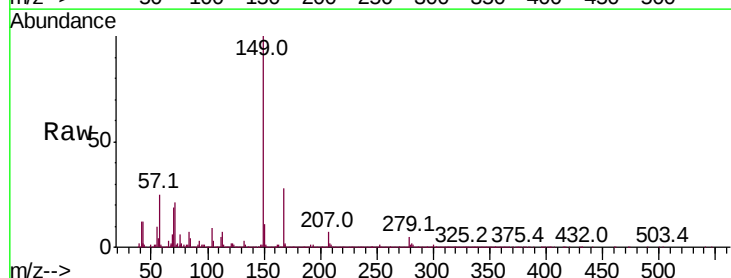
Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion:149 Resp: 859434

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	5.0	4.2	6.2

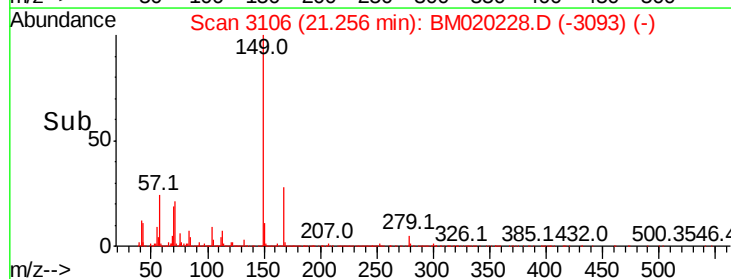
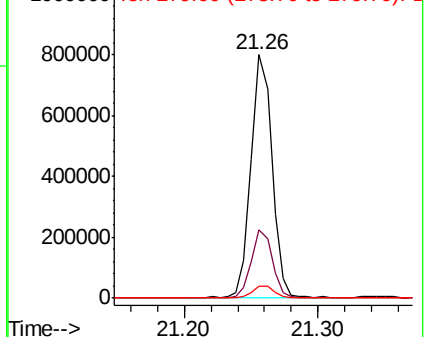


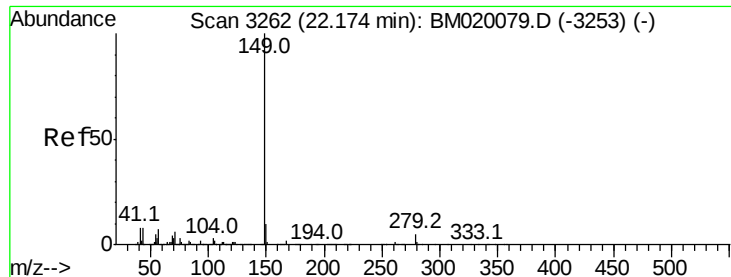
Abundance

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: 45.415 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

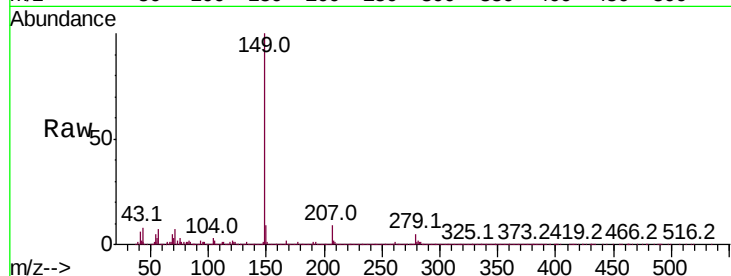
Tot Ion:149 Resp: 1482369

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.5 9.7

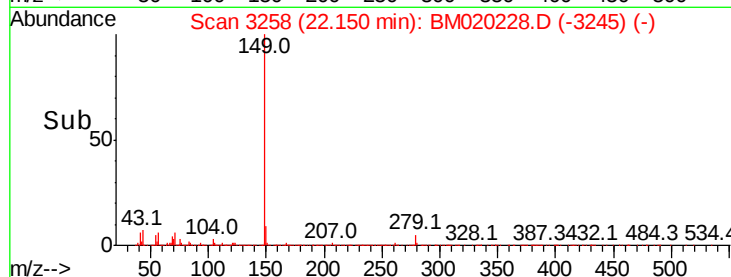


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E

Time-->



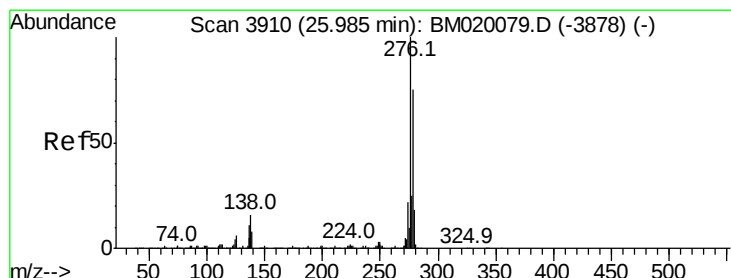
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.181 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

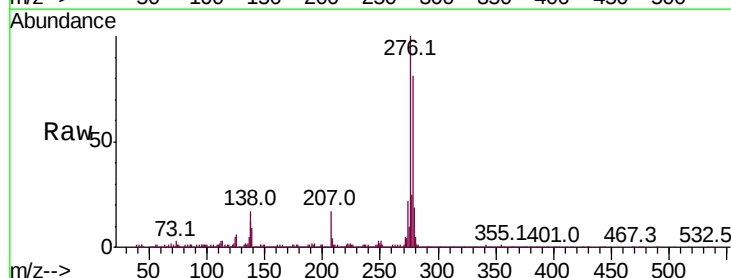
Tgt Ion:276 Resp: 2146317

Ion Ratio Lower Upper

276 100

138 16.4 0.0 0.0#

277 25.3 0.0 0.0#

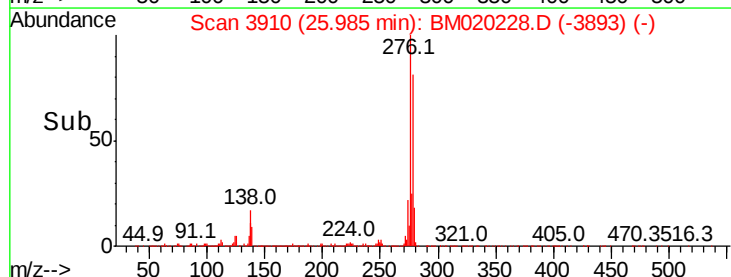


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



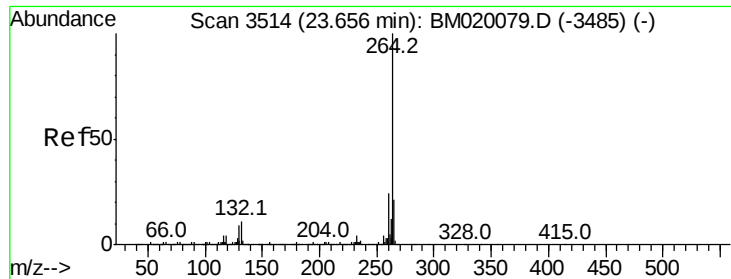
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

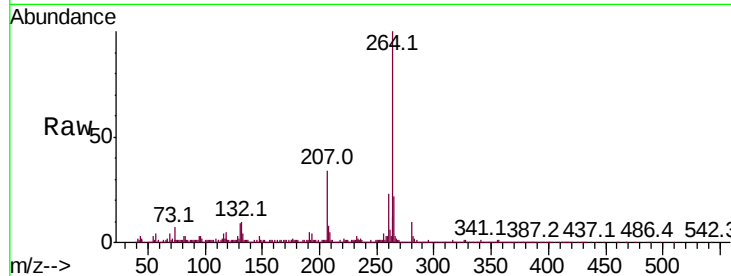
Tot Ion:264 Resp: 642848

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

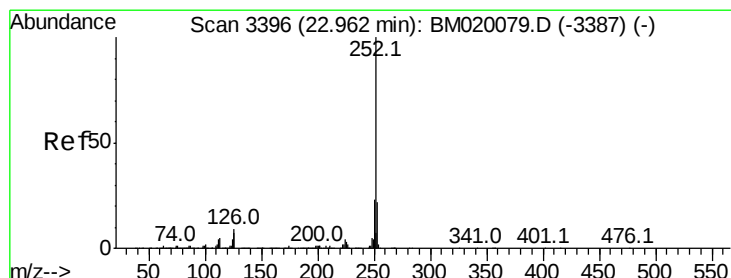
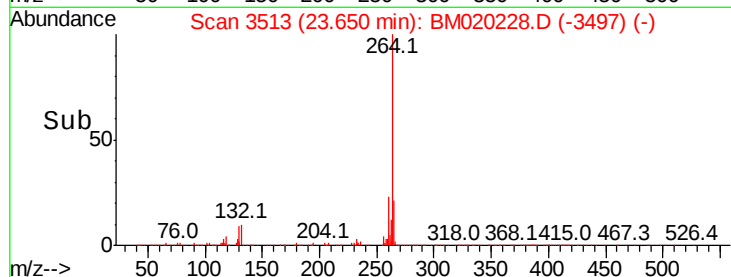
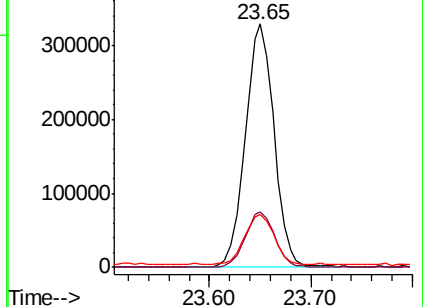
265 22.0 16.9 25.3



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: 41.167 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

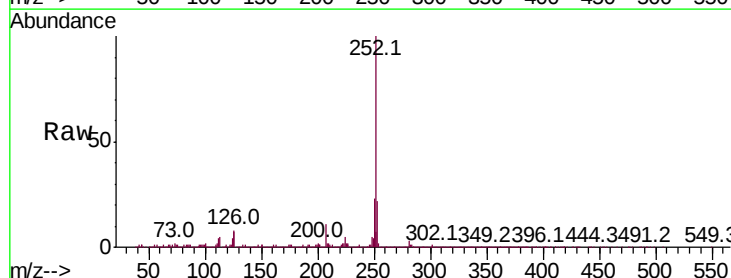
Tgt Ion:252 Resp: 1747559

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

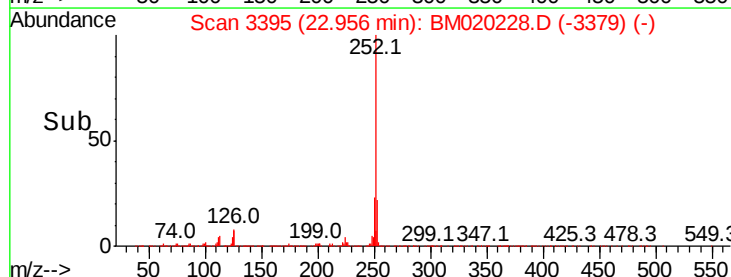
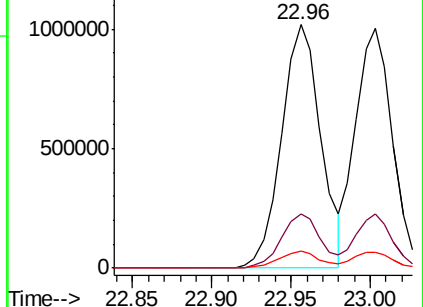
125 7.1 5.4 8.2

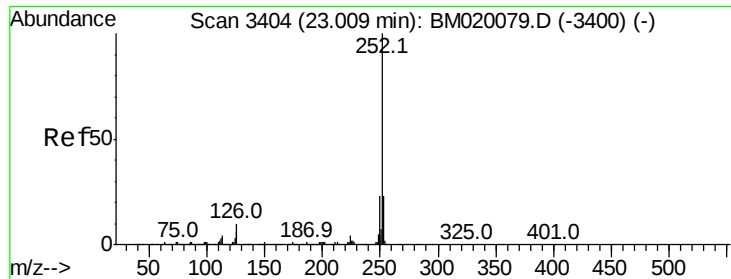


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

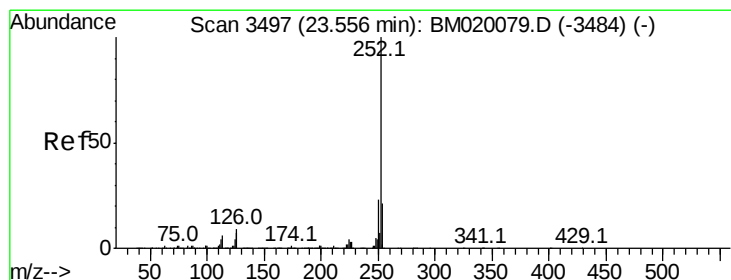
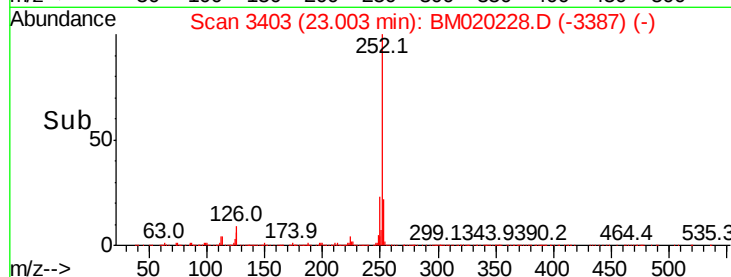
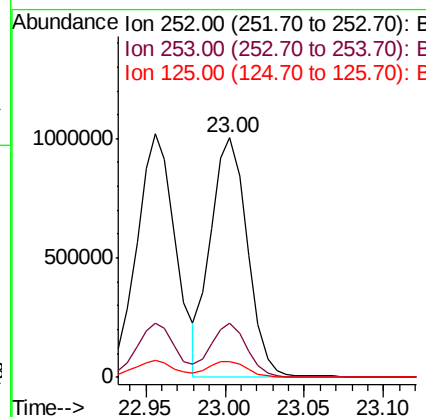
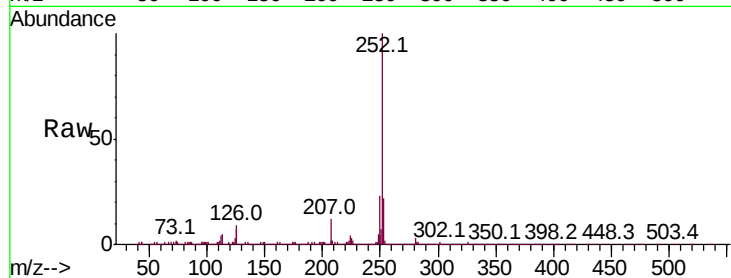




#89
Benzo(k)fluoranthene
Concen: 41.704 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

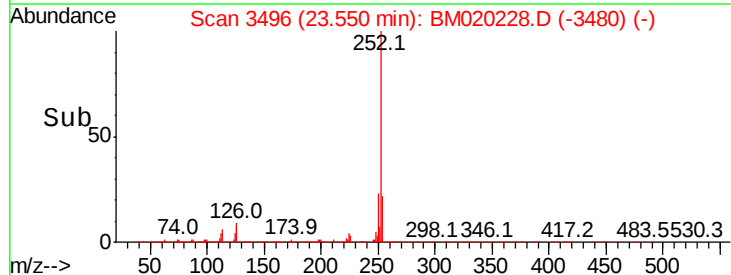
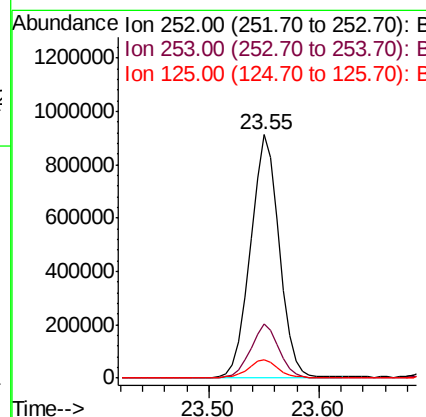
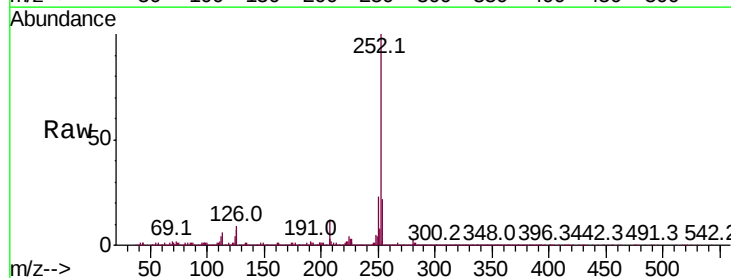
Instrument :
BNA_M
ClientSampleId :

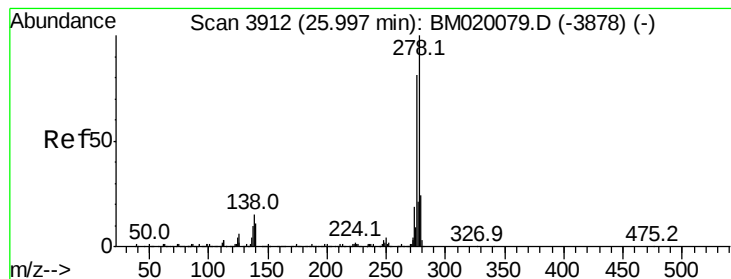
Tot Ion:252 Resp: 1614889
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.8 5.4 8.0



#90
Benzo(a)pyrene
Concen: 43.092 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:252 Resp: 1661562
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 7.4 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 44.900 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

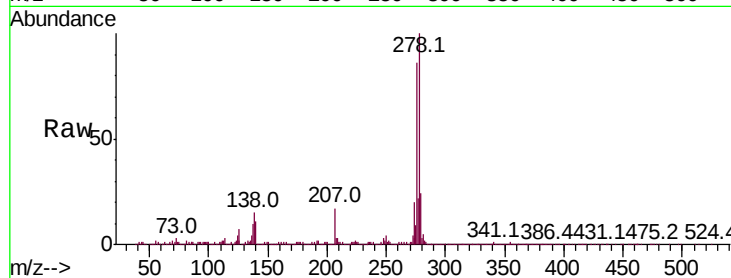
Tot Ion:278 Resp: 1800472

Ion Ratio Lower Upper

278 100

139 10.5 8.6 13.0

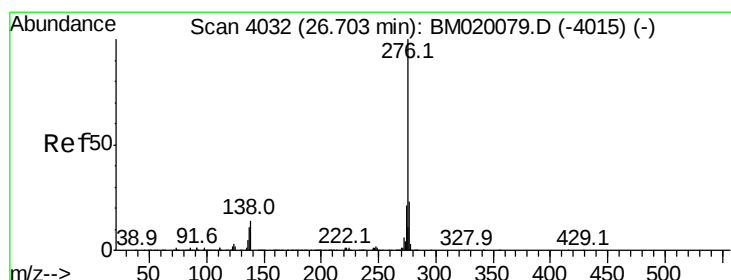
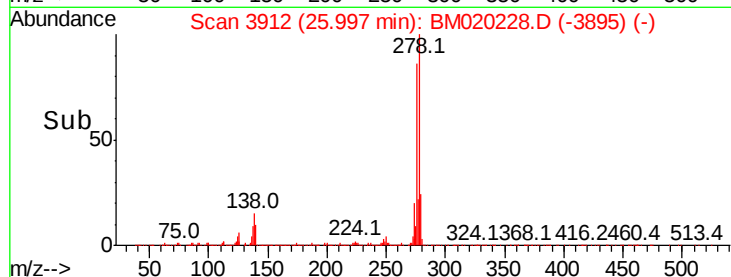
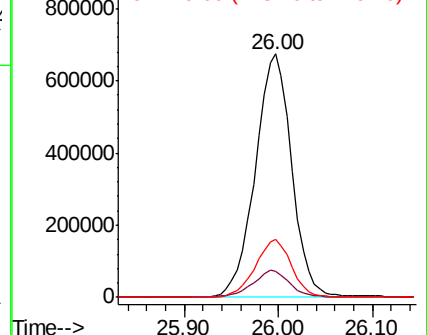
279 23.7 18.8 28.2



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: 46.017 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

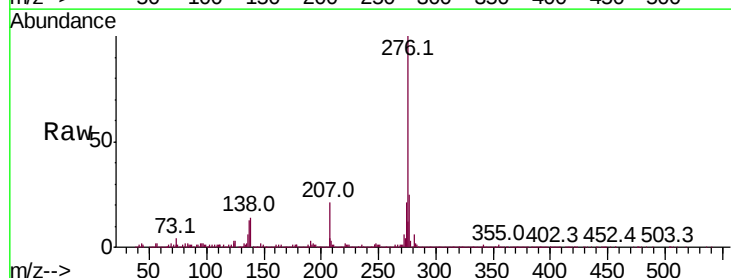
Tgt Ion:276 Resp: 1751880

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 13.7 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

