

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020212.D
 Acq On : 09 May 2019 12:03
 Operator : JU/SJ
 Sample : PB119288BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Quant Time: May 09 16:24:18 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	7.78	152	128185	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	456862	20.00	ng	-0.01
39) Acenaphthene-d10	14.42	164	274580	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	657236	20.00	ng	0.00
76) Chrysene-d12	21.36	240	668482	20.00	ng	-0.01
87) Perylene-d12	23.64	264	753100	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1039852	132.60	ng	0.00
7) Phenol-d6	6.95	99	1366557	127.56	ng	0.00
23) Nitrobenzene-d5	8.95	82	847068	73.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	621032	145.71	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1667122	74.70	ng	-0.02
79) Terphenyl-d14	19.80	244	2924918	76.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	140230	36.460	ng	# 91
3) Pyridine	3.69	79	365163	37.123	ng	95
4) n-Nitrosodimethylamine	3.62	42	112596	35.696	ng	# 70
6) Aniline	7.12	93	399812	29.646	ng	97
8) 2-Chlorophenol	7.35	128	318905	37.348	ng	97
9) Benzaldehyde	6.93	77	225024	27.751	ng	98
10) Phenol	6.97	94	421714	36.565	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	313821	37.437	ng	97
12) 1,3-Dichlorobenzene	7.66	146	368653	37.107	ng	95
13) 1,4-Dichlorobenzene	7.82	146	372780	37.144	ng	95
14) 1,2-Dichlorobenzene	8.13	146	352328	36.848	ng	98
15) Benzyl Alcohol	8.02	79	356195	34.480	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	231669	33.330	ng	97
17) 2-Methylphenol	8.22	107	273489	36.837	ng	95
18) Hexachloroethane	8.85	117	148749	35.546	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	308795	33.690	ng	94
20) 3+4-Methylphenols	8.55	107	366956	37.189	ng	97
22) Acetophenone	8.60	105	500386	40.075	ng	# 96
24) Nitrobenzene	8.99	77	440960	36.752	ng	98
25) Isophorone	9.50	82	772302	38.701	ng	100
26) 2-Nitrophenol	9.69	139	168848	46.614	ng	92
27) 2,4-Dimethylphenol	9.75	122	276543	45.857	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	422669	38.889	ng	99
29) 2,4-Dichlorophenol	10.22	162	311442	40.956	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	372219	39.781	ng	99
31) Naphthalene	10.62	128	929248	39.195	ng	100
32) Benzoic acid	9.88	122	163323	39.433	ng	92
33) 4-Chloroaniline	10.74	127	254450	26.076	ng	98
34) Hexachlorobutadiene	10.89	225	251589	38.010	ng	99
35) Caprolactam	11.55	113	98761m	43.435	ng	
36) 4-Chloro-3-methylphenol	11.86	107	342262	38.301	ng	95
37) 2-Methylnaphthalene	12.23	142	679437	39.310	ng	97
38) 1-Methylnaphthalene	12.46	142	645025	38.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	432771	40.285	ng	# 98

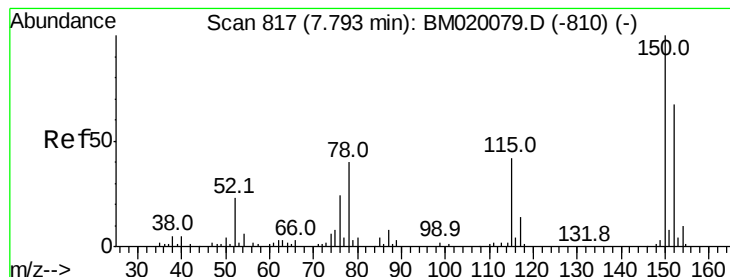
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020212.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	625182	98.838	nq	99
43) 2,4,6-Trichlorophenol	12.85	196	276494	45.287	nq	100
44) 2,4,5-Trichlorophenol	12.92	196	284148	41.661	nq	98
46) 1,1'-Biphenyl	13.25	154	891143	39.430	nq	99
47) 2-Chloronaphthalene	13.30	162	712695	39.496	nq	98
48) 2-Nitroaniline	13.52	65	248289	38.649	nq	88
49) Acenaphthylene	14.15	152	1103449	38.210	nq	98
50) Dimethylphthalate	13.89	163	907147	38.871	nq	99
51) 2,6-Dinitrotoluene	14.01	165	194432	39.557	nq	91
52) Acenaphthene	14.49	154	648149	39.138	nq	97
53) 3-Nitroaniline	14.35	138	130894	28.692	nq	97
54) 2,4-Dinitrophenol	14.55	184	253040	100.364	nq	90
55) Dibenzofuran	14.83	168	1076734	38.546	nq	97
56) 4-Nitrophenol	14.65	139	309828	79.600	nq	88
57) 2,4-Dinitrotoluene	14.80	165	275200	41.204	nq	91
58) Fluorene	15.47	166	876325	38.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	278529	42.973	nq	96
60) Diethylphthalate	15.24	149	897938	38.191	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	504081	38.779	nq	94
62) 4-Nitroaniline	15.51	138	184604	36.667	nq	95
63) Azobenzene	15.76	77	975649	35.174	nq	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	156892	47.414	nq	90
66) n-Nitrosodiphenylamine	15.69	169	781448	40.407	nq	99
67) 4-Bromophenyl-phenylether	16.36	248	319211	39.607	nq	96
68) Hexachlorobenzene	16.47	284	358904	38.699	nq	95
69) Atrazine	16.64	200	293597	38.847	nq	98
70) Pentachlorophenol	16.82	266	445946	84.039	nq	97
71) Phenanthrene	17.22	178	1393071	38.398	nq	99
72) Anthracene	17.30	178	1436170	39.593	nq	99
73) Carbazole	17.58	167	1248126	38.134	nq	99
74) Di-n-butylphthalate	18.13	149	1509496	38.323	nq	97
75) Fluoranthene	19.23	202	1750633	38.137	nq	99
77) Benzidine	19.43	184	832369	38.947	nq	98
78) Pyrene	19.60	202	1768631	39.407	nq	99
80) Butylbenzylphthalate	20.49	149	707911	43.374	nq	97
81) Benzo(a)anthracene	21.34	228	1742012	37.159	nq	99
82) 3,3'-Dichlorobenzidine	21.28	252	582096	32.533	nq	99
83) Chrysene	21.40	228	1721967	37.874	nq	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1019897	40.271	nq	99
85) Di-n-octyl phthalate	22.15	149	1771577	42.087	nq	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2291826	42.378	nq	# 100
88) Benzo(b)fluoranthene	22.95	252	1866979	37.542	nq	100
89) Benzo(k)fluoranthene	23.00	252	1878834	41.417	nq	99
90) Benzo(a)pyrene	23.55	252	1863017	41.243	nq	100
91) Dibenzo(a,h)anthracene	25.99	278	1986347	42.284	nq	100
92) Benzo(g,h,i)perylene	26.70	276	1928688	43.244	nq	99

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

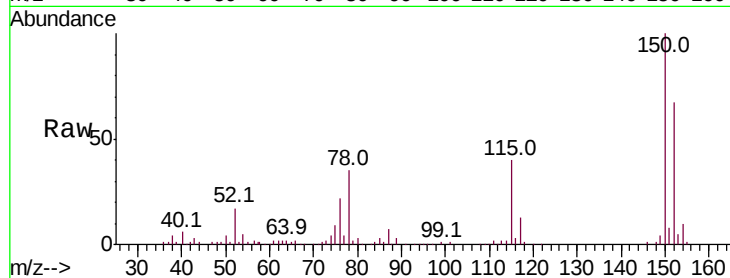


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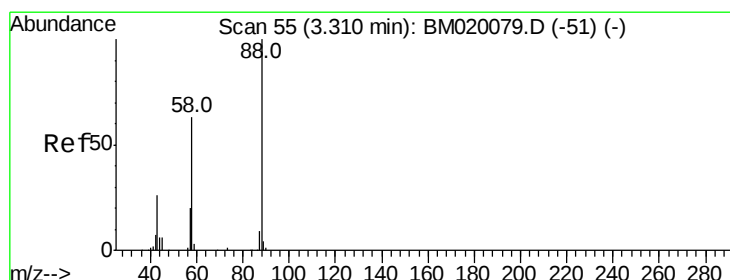
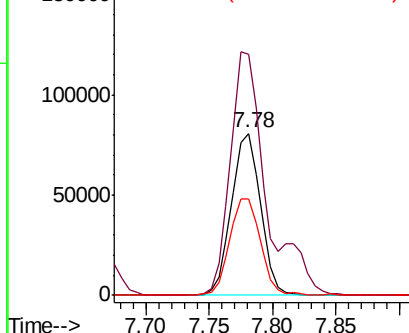
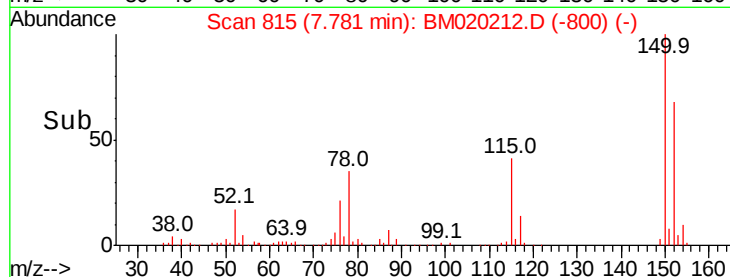
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.8	179.8
115	59.8	50.8	76.2



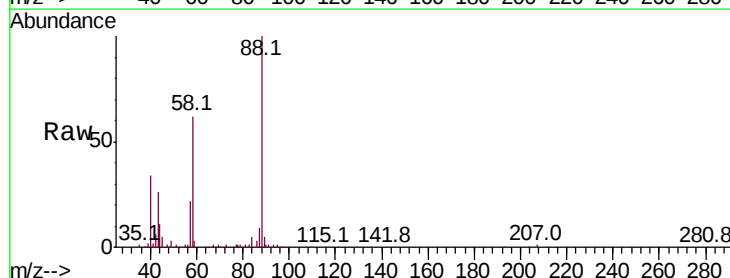
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



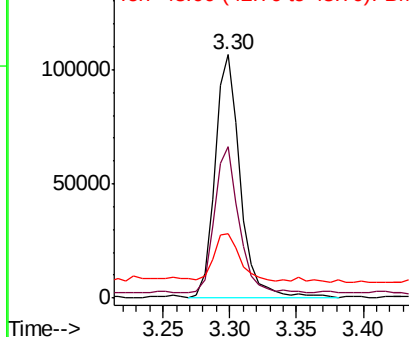
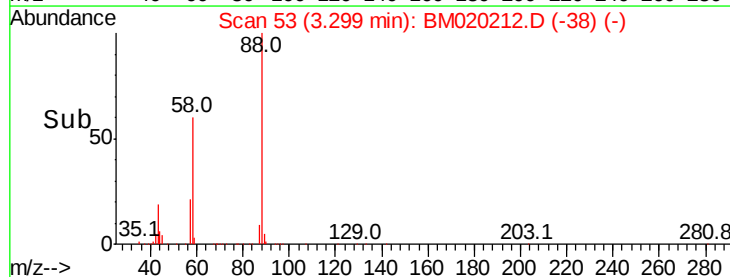
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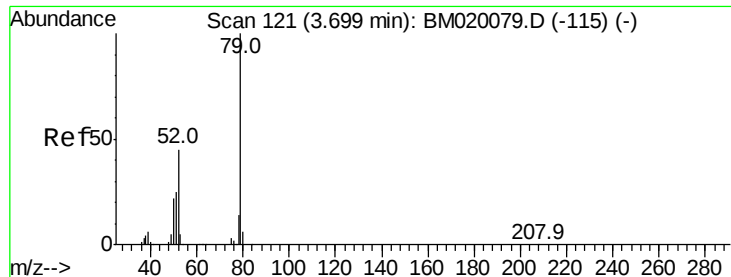
1,4-Dioxane
 Concen: 36.460 ng
 RT: 3.30 min Scan# 53
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.0	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: 37.123 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

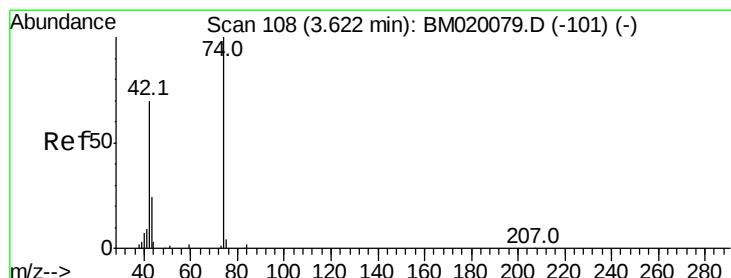
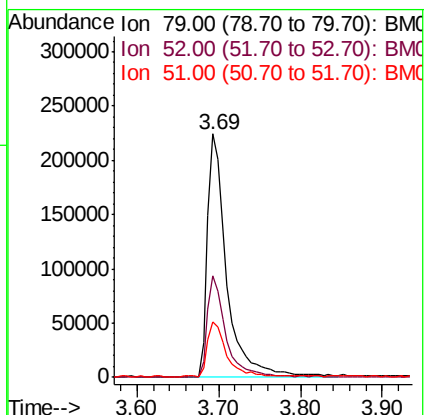
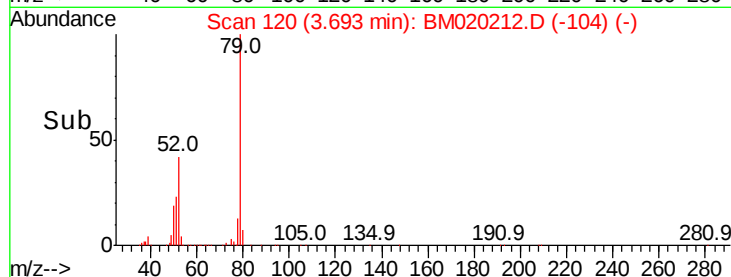
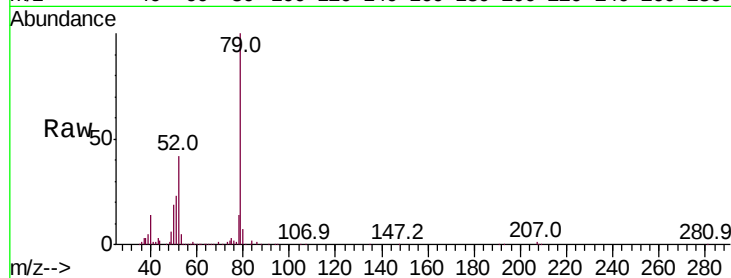
Tot Ion: 79 Resp: 365163

Ion Ratio Lower Upper

79 100

52 41.9 35.7 53.5

51 22.9 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 35.696 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

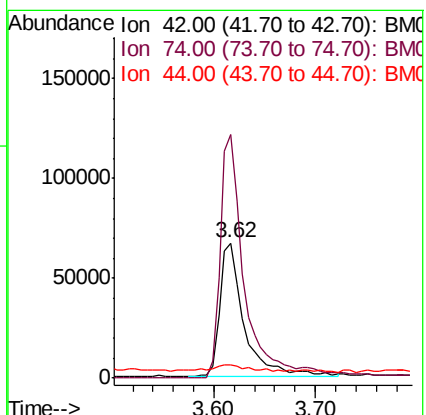
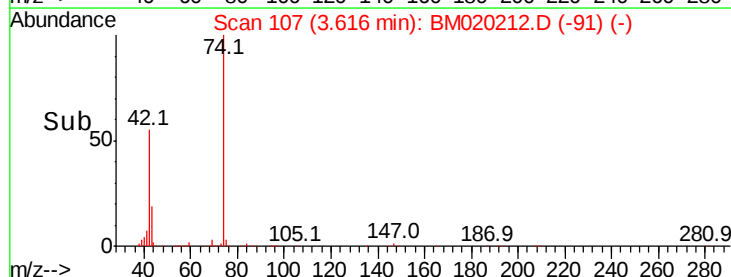
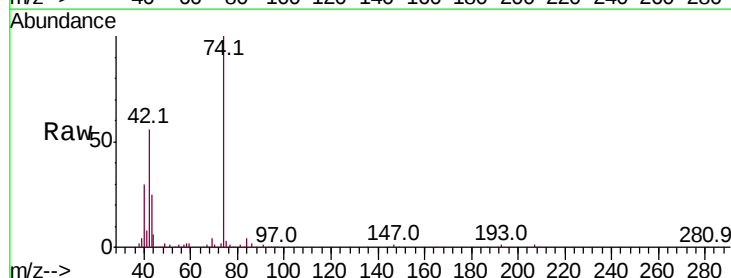
Tgt Ion: 42 Resp: 112596

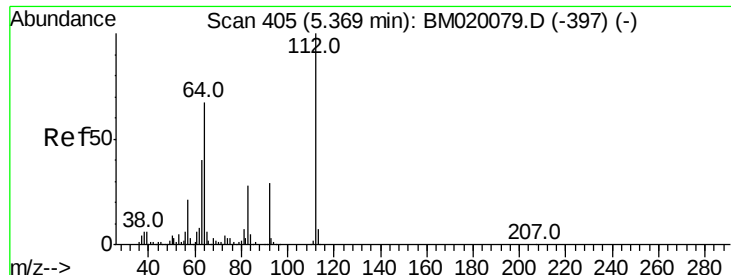
Ion Ratio Lower Upper

42 100

74 180.0 113.7 170.5#

44 10.1 3.9 5.9#





#5

2-Fluorophenol

Concen: 132.600 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

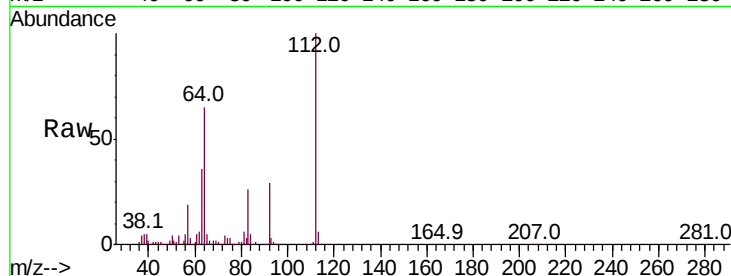
Tot Ion:112 Resp: 1039852

Ion Ratio Lower Upper

112 100

64 65.4 53.8 80.6

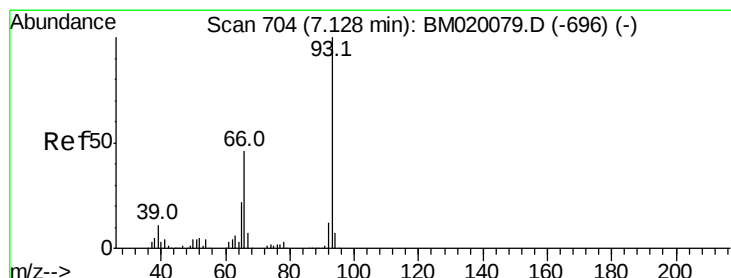
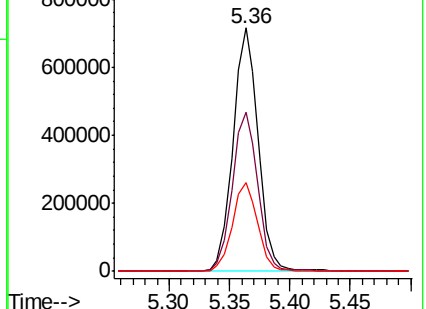
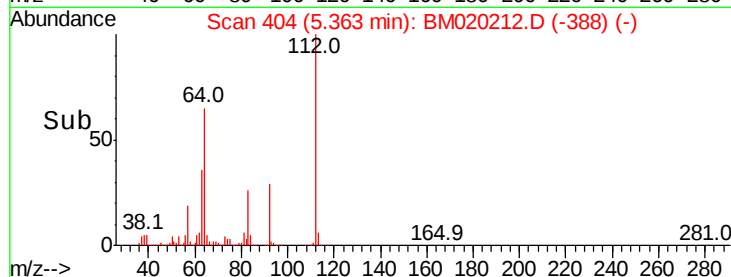
63 36.5 32.3 48.5



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: 29.646 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

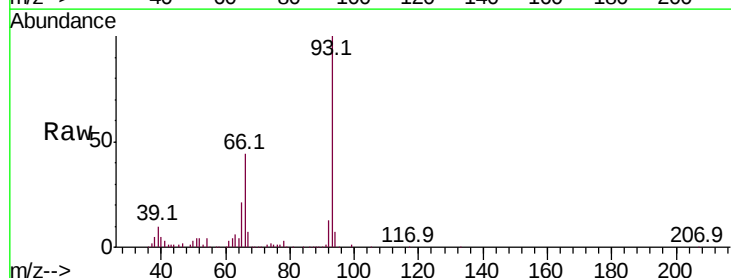
Tgt Ion: 93 Resp: 399812

Ion Ratio Lower Upper

93 100

66 44.1 36.6 54.8

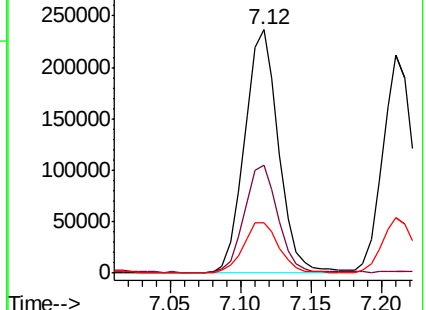
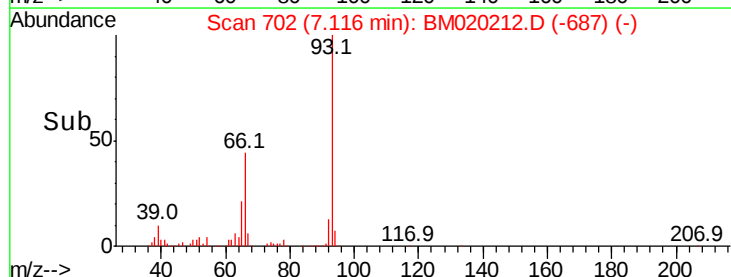
65 20.9 17.8 26.6

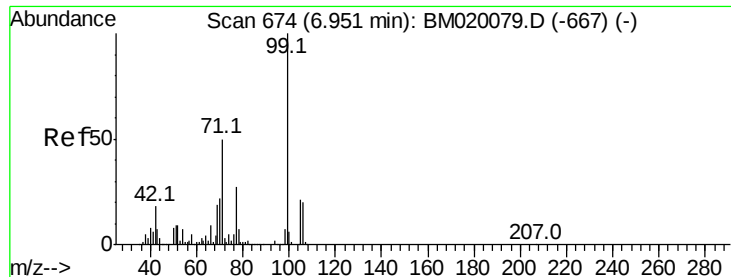


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.557 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

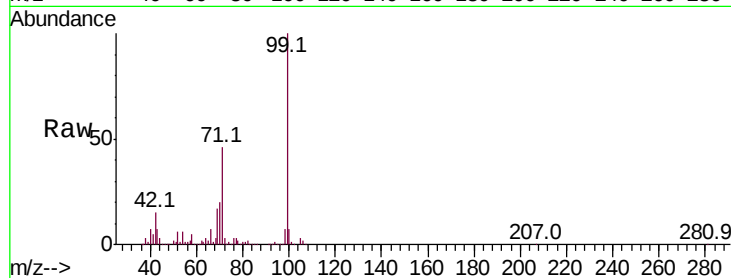
BNA_M

ClientSampleId :

PB119288BS

Tot Ion: 99 Resp: 1366557

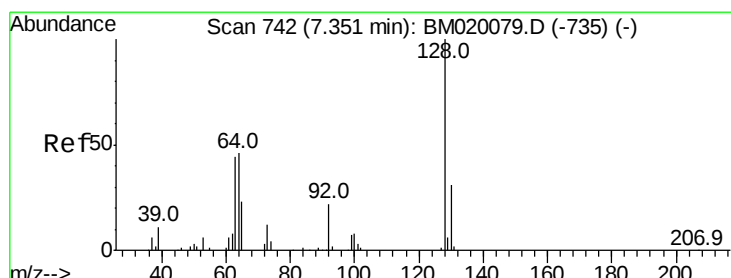
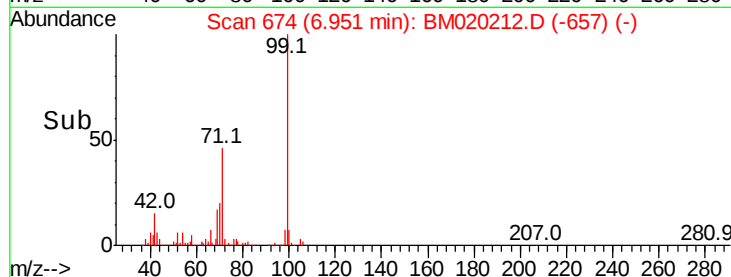
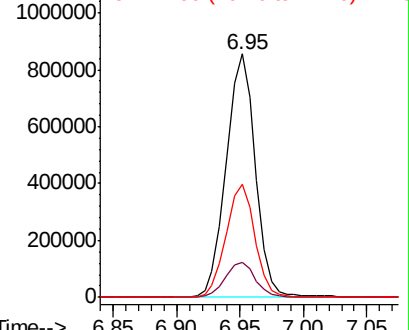
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.2
71	46.3	40.3	60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020212.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020212.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020212.D (-657) (-)



#8

2-Chlorophenol

Concen: 37.348 ng

RT: 7.35 min Scan# 741

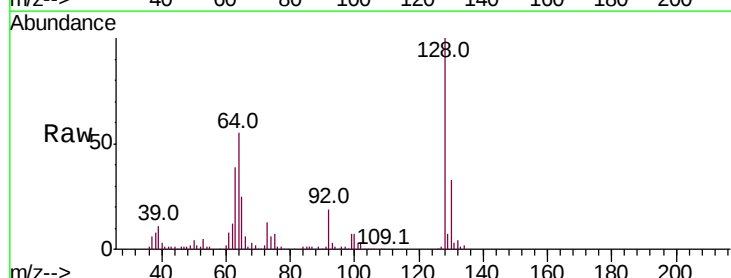
Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion: 128 Resp: 318905

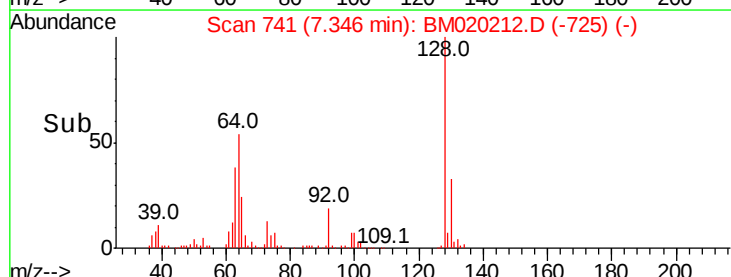
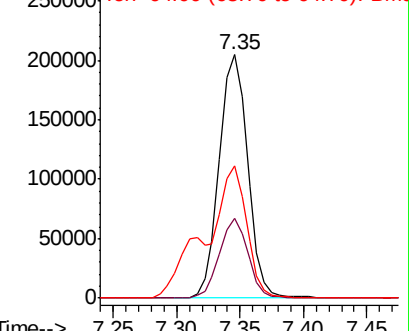
Ion	Ratio	Lower	Upper
128	100		
130	32.9	10.8	50.8
64	54.6	36.5	76.5

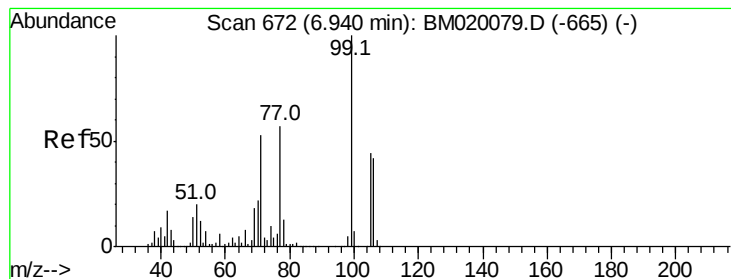


Abundance Ion 128.00 (127.70 to 128.70): BM020212.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020212.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020212.D (-725) (-)





#9

Benzaldehyde

Concen: 27.751 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

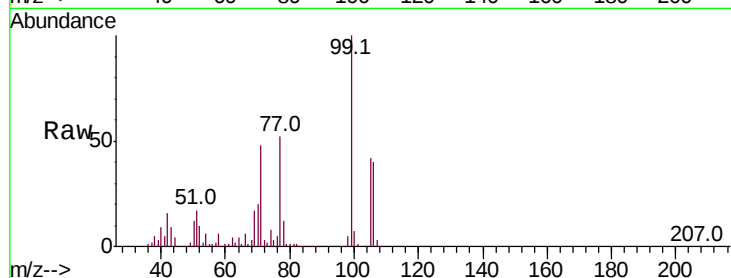
Tot Ion: 77 Resp: 225024

Ion Ratio Lower Upper

77 100

105 79.6 57.8 97.8

106 75.4 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020212.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020212.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020212.D (-665) (-)

6.93

150000

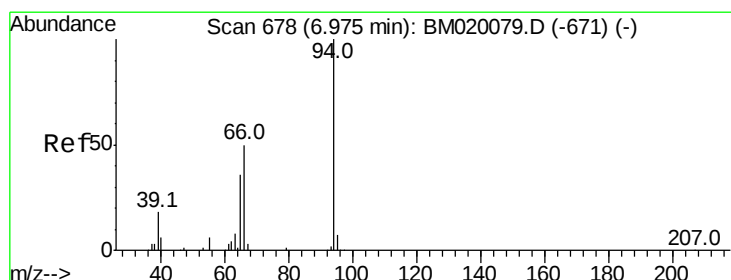
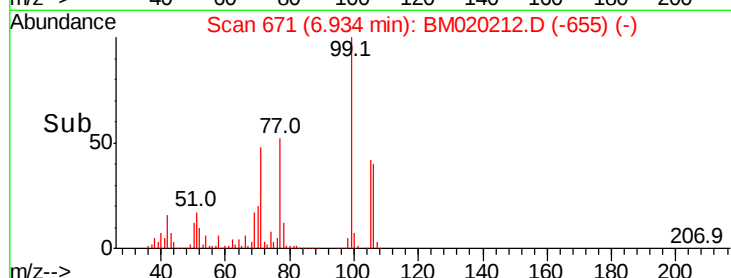
100000

50000

0

6.85 6.90 6.95 7.00

Time-->



#10

Phenol

Concen: 36.565 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

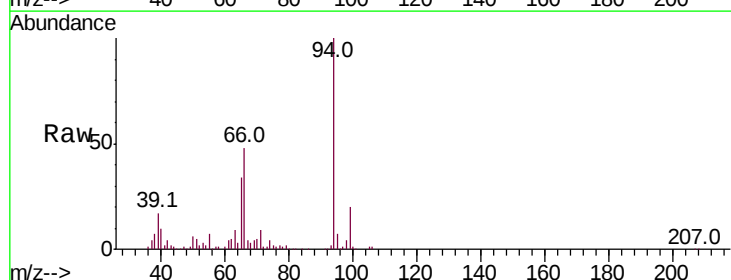
Tgt Ion: 94 Resp: 421714

Ion Ratio Lower Upper

94 100

65 33.6 17.0 57.0

66 48.1 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020212.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020212.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020212.D (-661) (-)

6.97

300000

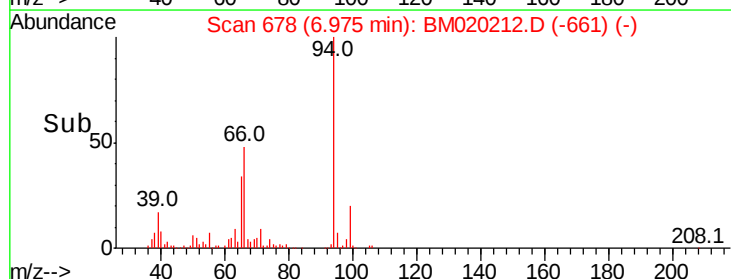
200000

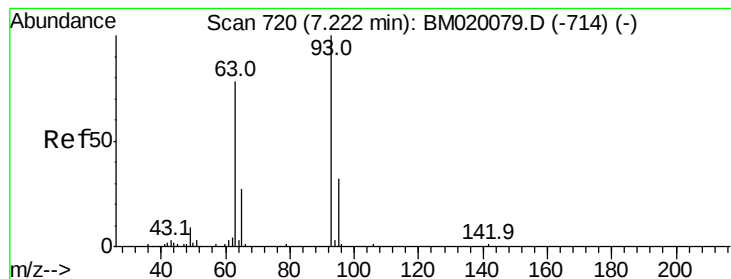
100000

0

6.90 6.95 7.00 7.05

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 37.437 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

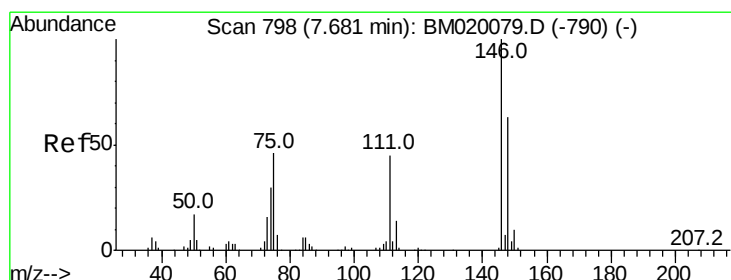
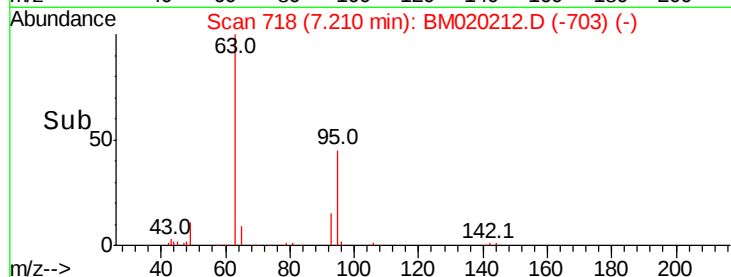
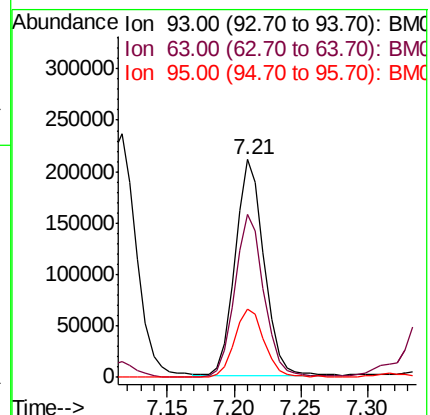
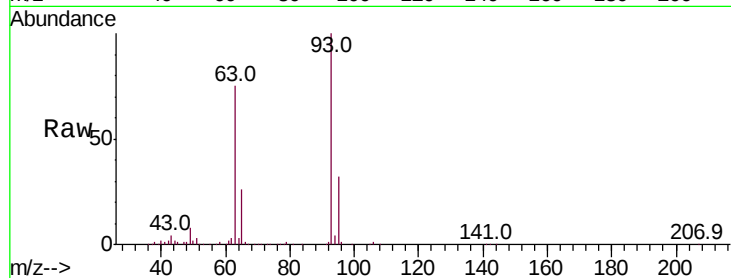
Tot Ion: 93 Resp: 313821

Ion Ratio Lower Upper

93 100

63 74.9 57.9 97.9

95 31.5 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 37.107 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

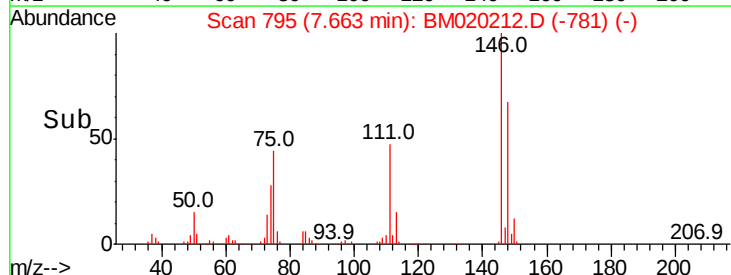
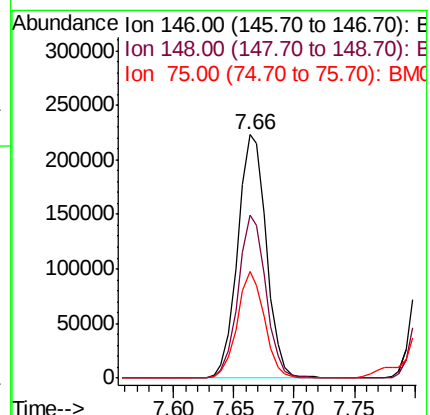
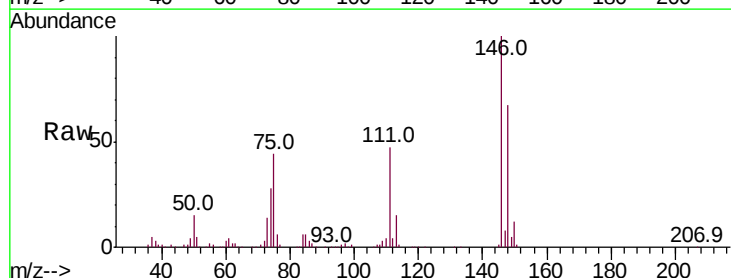
Tgt Ion: 146 Resp: 368653

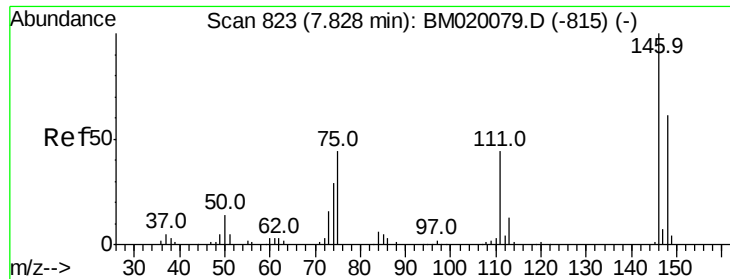
Ion Ratio Lower Upper

146 100

148 66.8 50.1 75.1

75 43.7 37.2 55.8

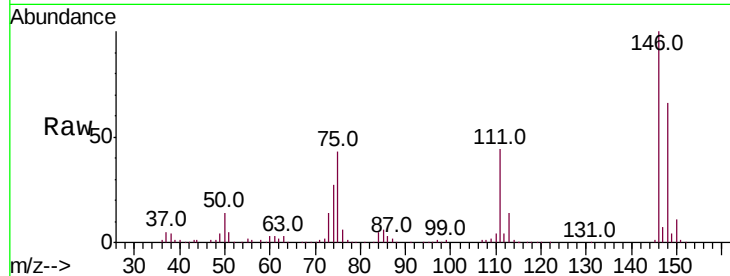




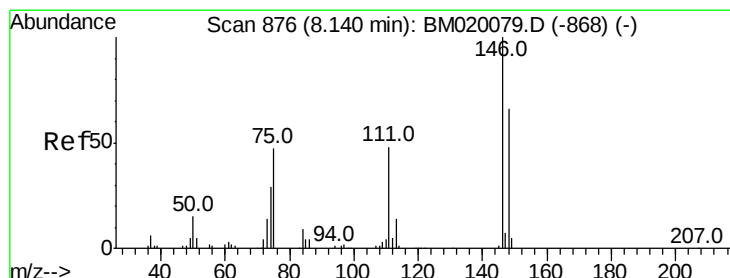
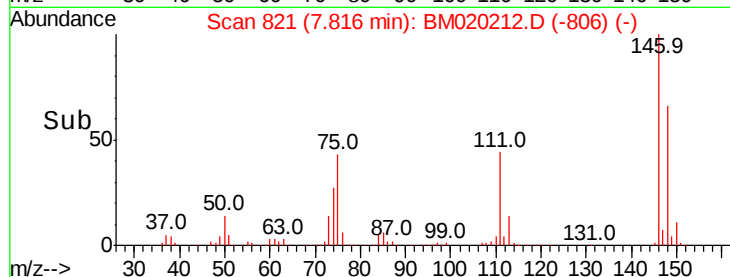
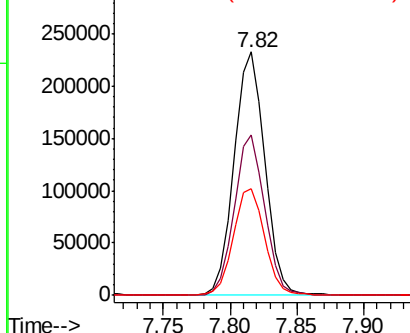
#13
 1,4-Dichlorobenzene
 Concen: 37.144 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion:146 Resp: 372780
 Ion Ratio Lower Upper
 146 100
 148 65.9 48.5 72.7
 111 43.7 35.7 53.5

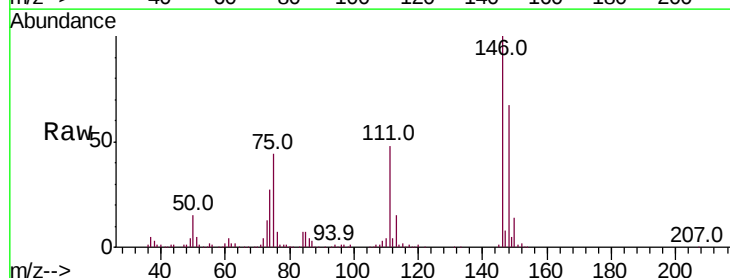


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

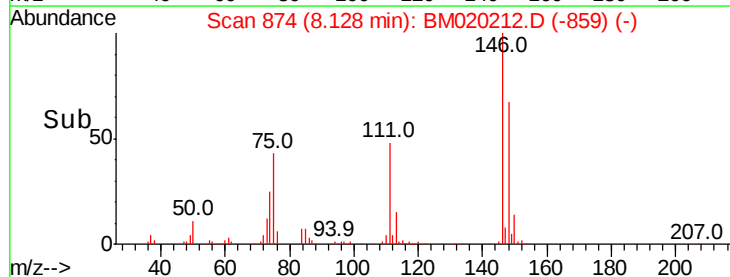
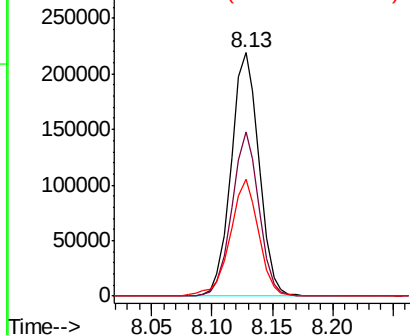


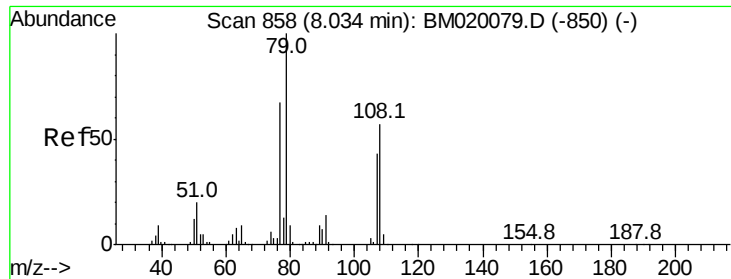
#14
 1,2-Dichlorobenzene
 Concen: 36.848 ng
 RT: 8.13 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:146 Resp: 352328
 Ion Ratio Lower Upper
 146 100
 148 67.3 52.6 79.0
 111 47.8 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: 34.480 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

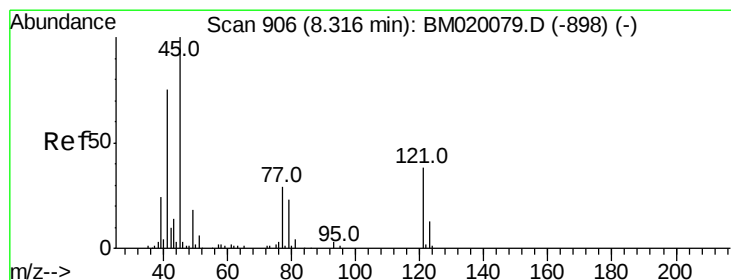
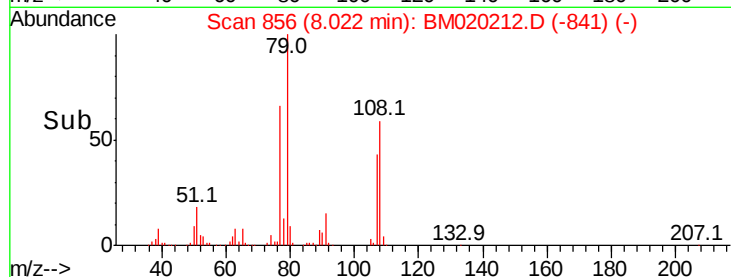
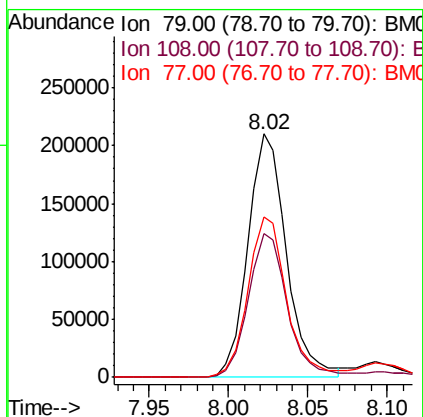
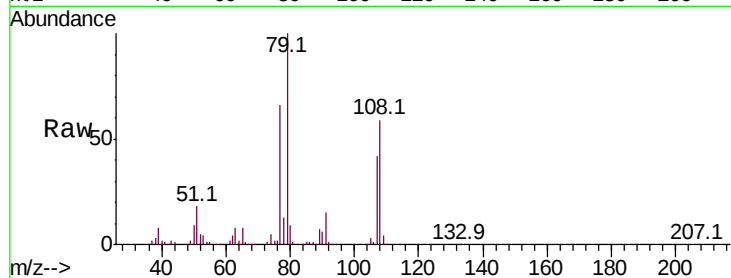
Tot Ion: 79 Resp: 356195

Ion Ratio Lower Upper

79 100

108 58.9 46.0 69.0

77 66.0 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.330 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

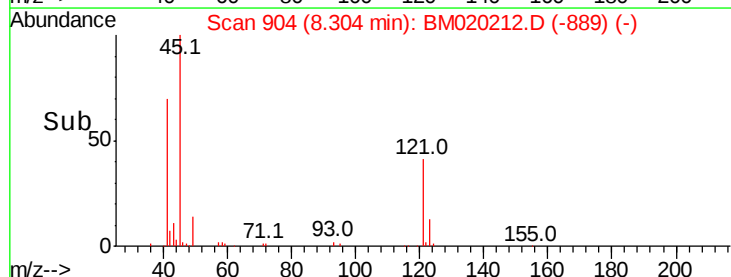
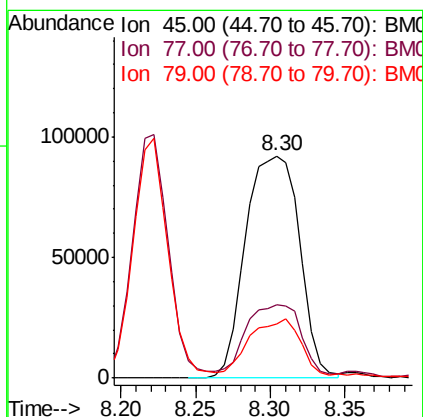
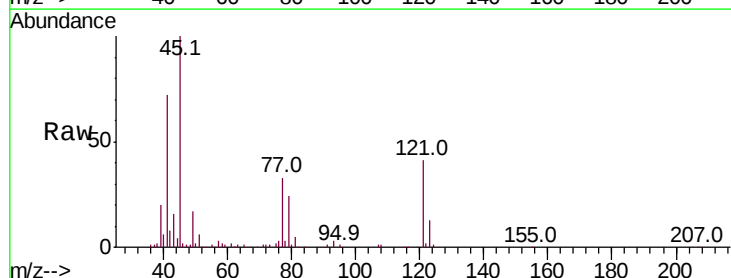
Tgt Ion: 45 Resp: 231669

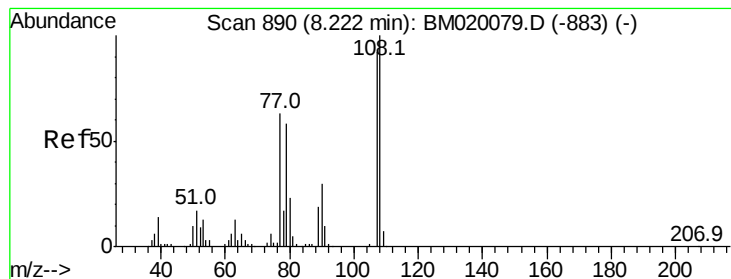
Ion Ratio Lower Upper

45 100

77 33.0 10.5 50.5

79 24.1 3.3 43.3





#17

2-Methylphenol

Concen: 36.837 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampled :

PB119288BS

Tot Ion:107 Resp: 273489

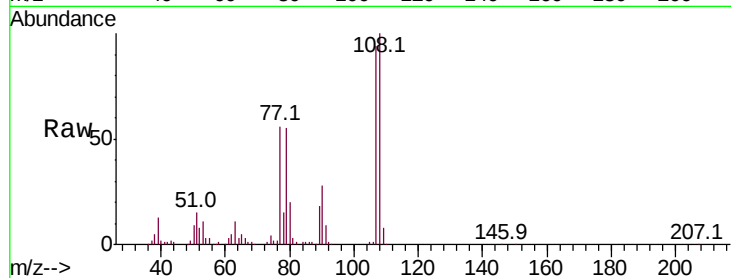
Ion Ratio Lower Upper

107 100

108 106.5 87.0 130.4

77 59.7 54.7 82.1

79 58.9 50.1 75.1

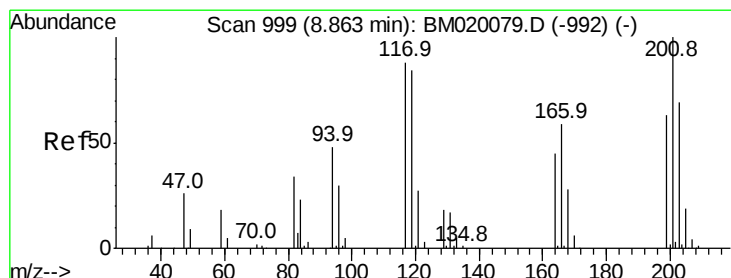
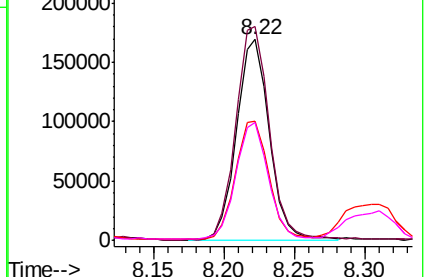
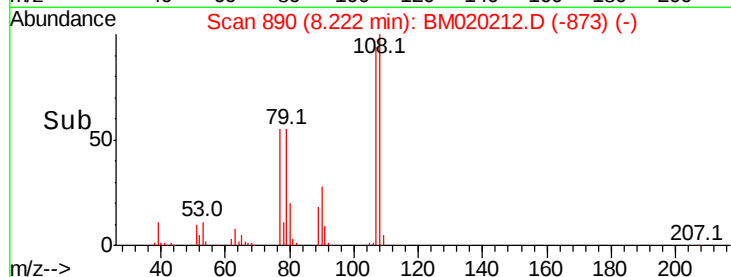


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 35.546 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

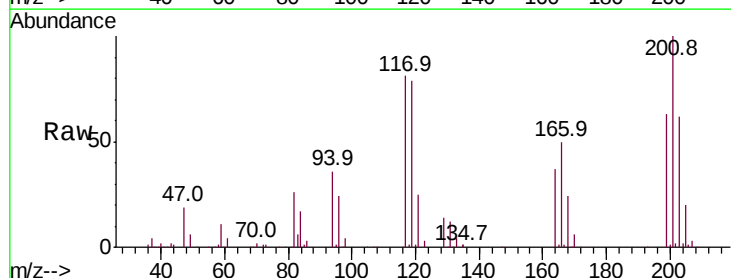
Tgt Ion:117 Resp: 148749

Ion Ratio Lower Upper

117 100

119 96.6 76.6 114.8

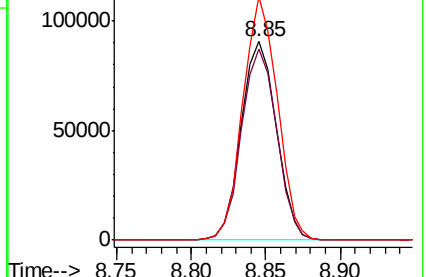
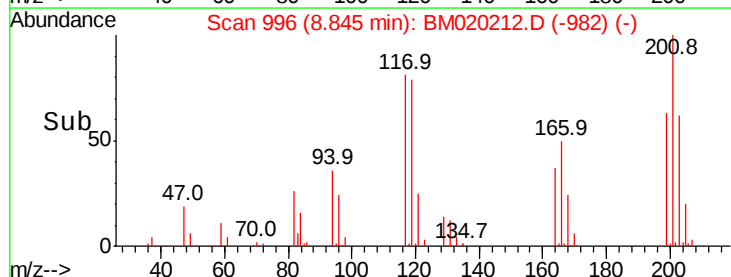
201 122.7 90.7 136.1

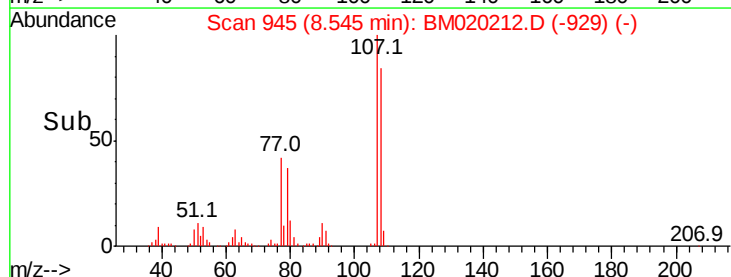
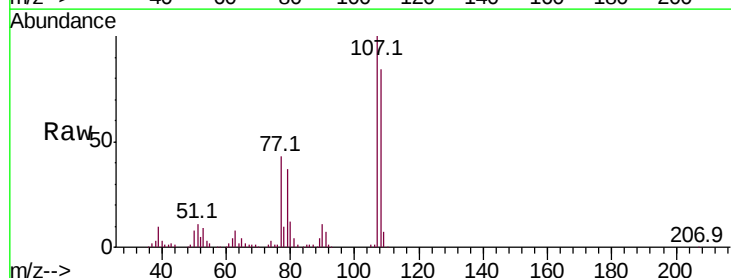
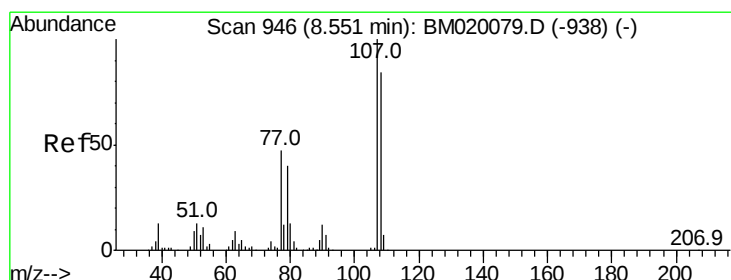
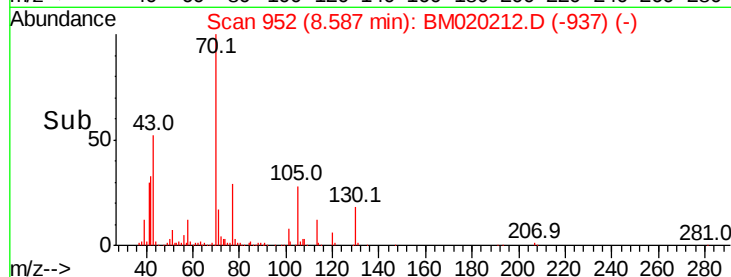
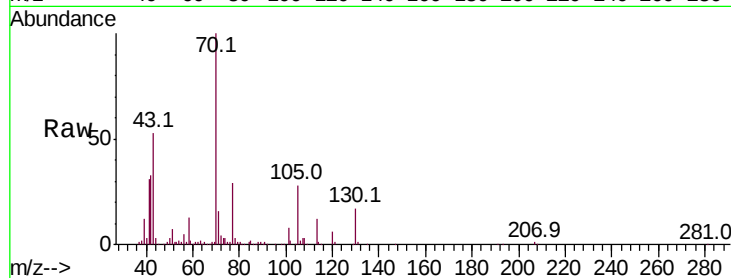
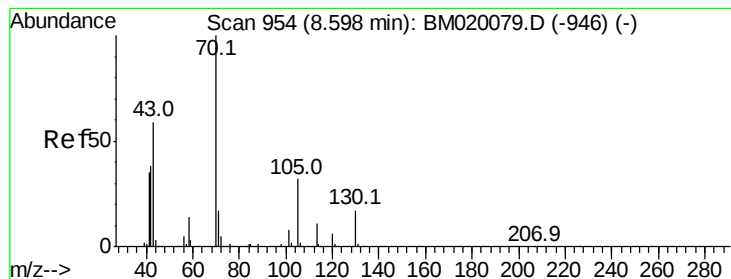


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.690 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion: 70 Resp: 308795

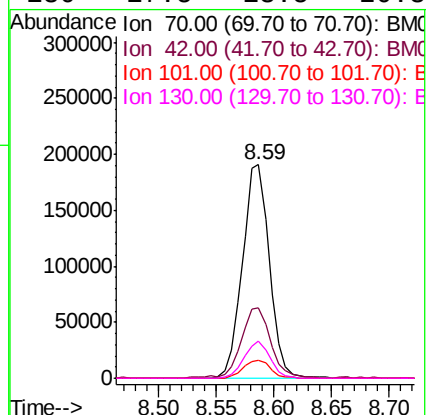
Ion Ratio Lower Upper

70 100

42 32.9 31.0 46.4

101 8.1 6.2 9.2

130 17.5 13.5 20.3



#20

3+4-Methylphenols

Concen: 37.189 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion: 107 Resp: 366956

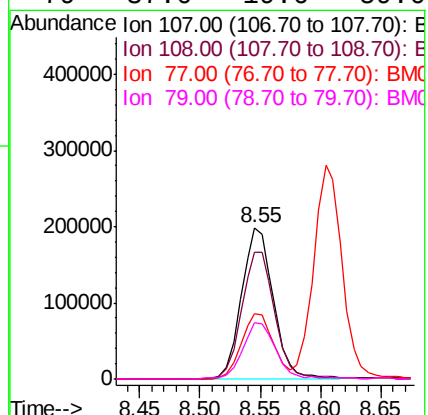
Ion Ratio Lower Upper

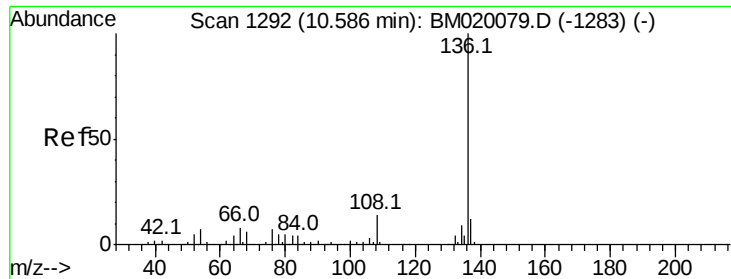
107 100

108 83.8 64.4 104.4

77 42.8 27.2 67.2

79 37.0 19.6 59.6

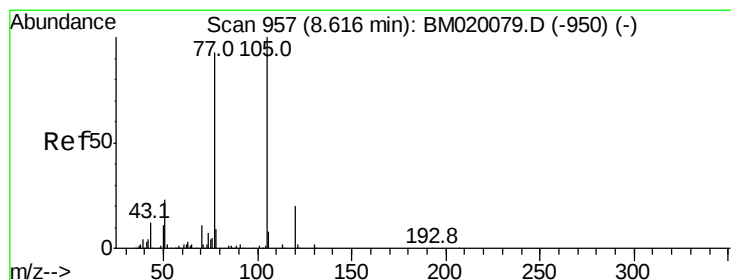
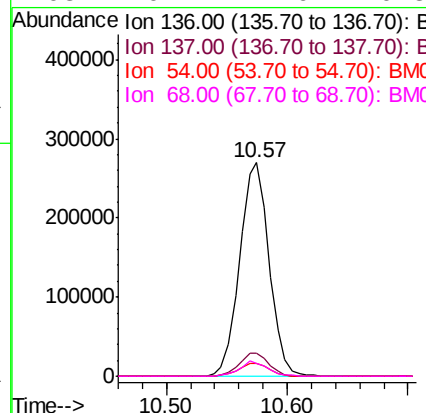
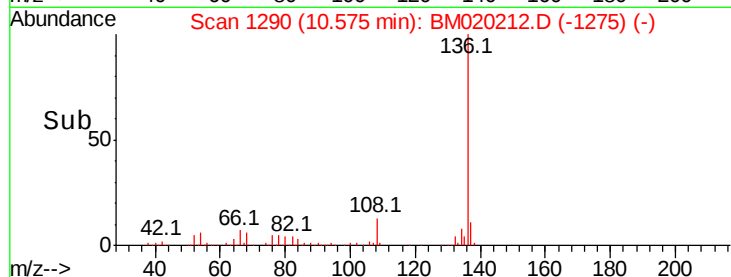
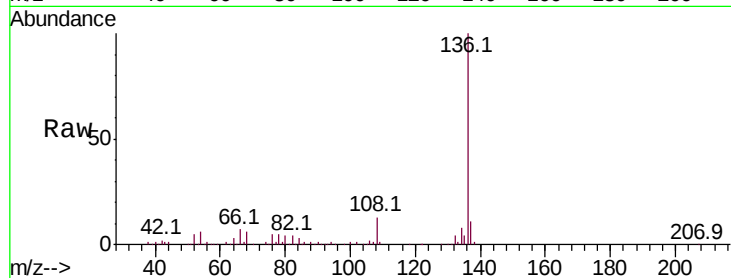




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

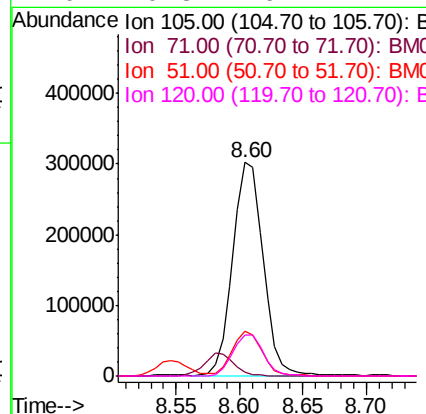
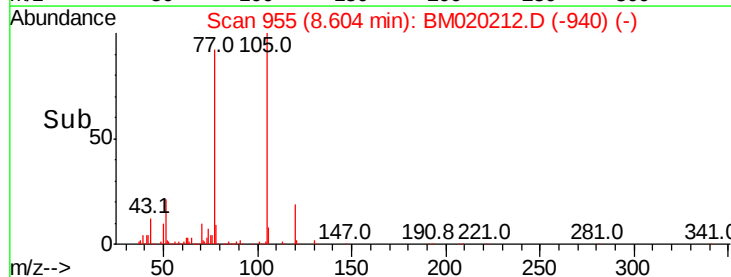
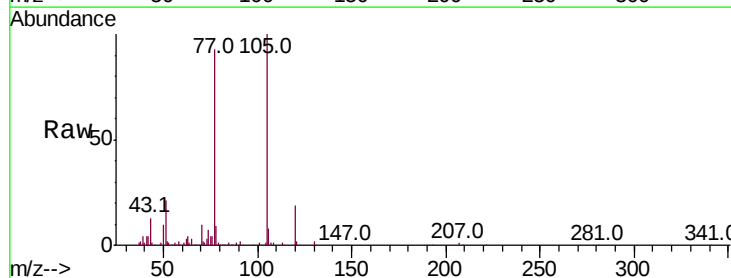
Instrument :
BNA_M
ClientSampleId :
PB119288BS

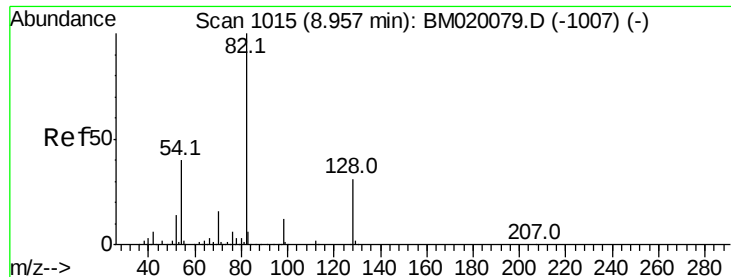
Tot Ion:	136	Resp:	456862
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	5.9	5.5	8.3
68	6.2	4.6	6.8



#22
Acetophenone
Concen: 40.075 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:	105	Resp:	500386
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.2	3.2#
51	21.2	19.3	28.9
120	19.3	16.2	24.4

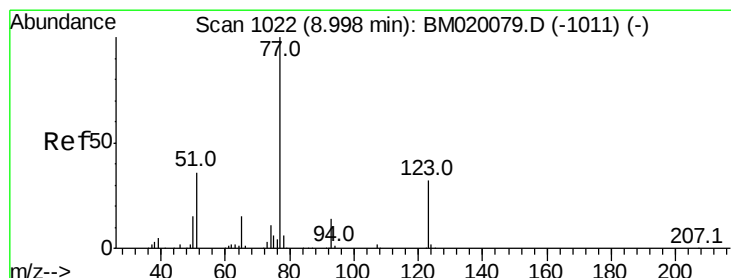
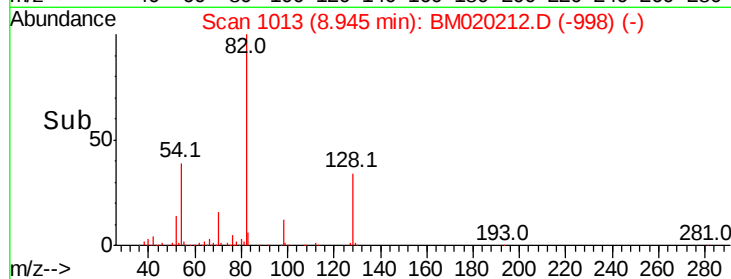
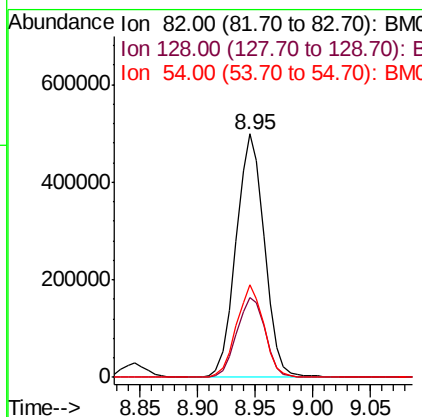
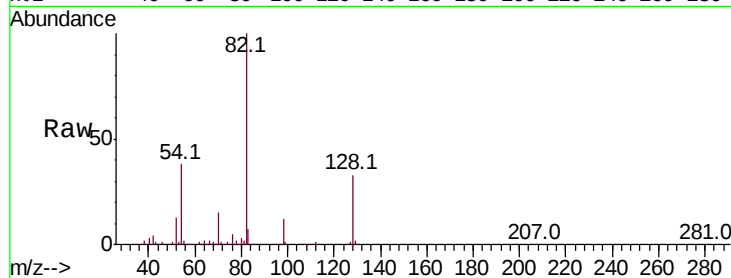




#23
Nitrobenzene-d5
Concen: 73.200 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

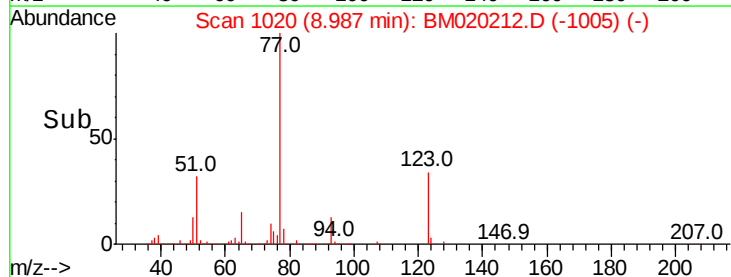
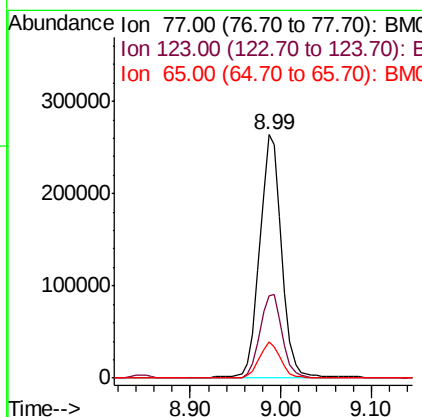
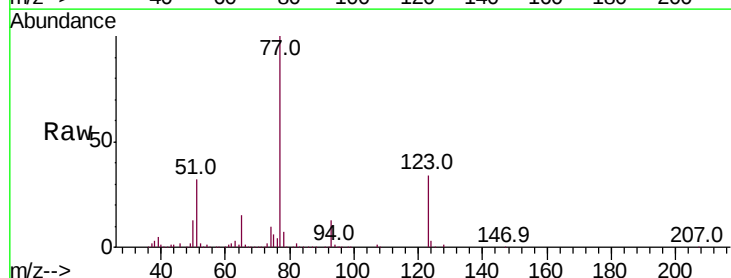
Instrument :
BNA_M
ClientSampleId :
PB119288BS

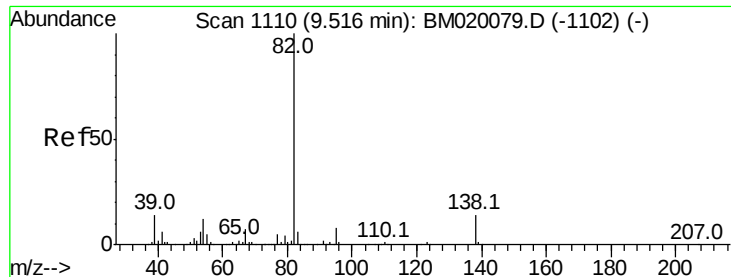
Tot Ion	82	Resp	847068
Ion Ratio	Lower	Upper	
82	100		
128	32.9	25.2	37.8
54	37.9	31.9	47.9



#24
Nitrobenzene
Concen: 36.752 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion	77	Resp	440960
Ion Ratio	Lower	Upper	
77	100		
123	33.9	25.5	38.3
65	14.7	11.8	17.6





#25

Isophorone

Concen: 38.701 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

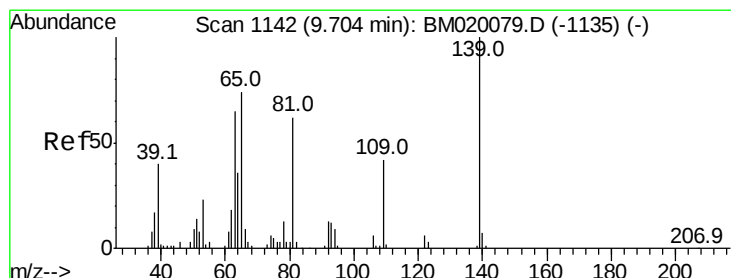
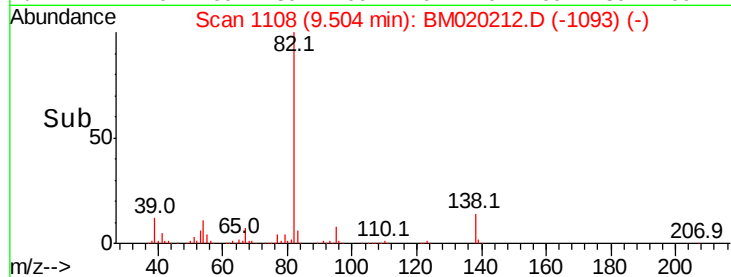
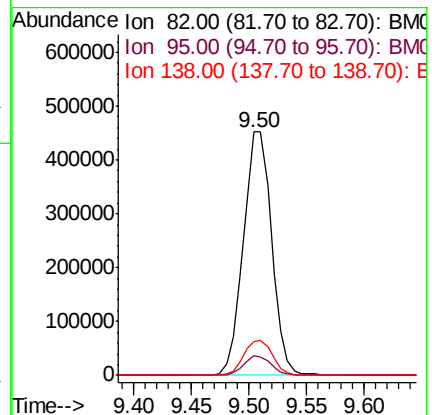
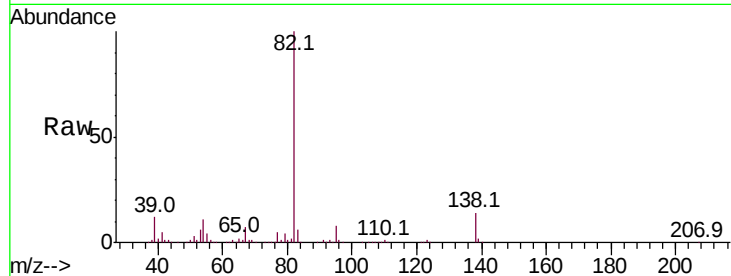
Tot Ion: 82 Resp: 772302

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 14.0 11.1 16.7



#26

2-Nitrophenol

Concen: 46.614 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

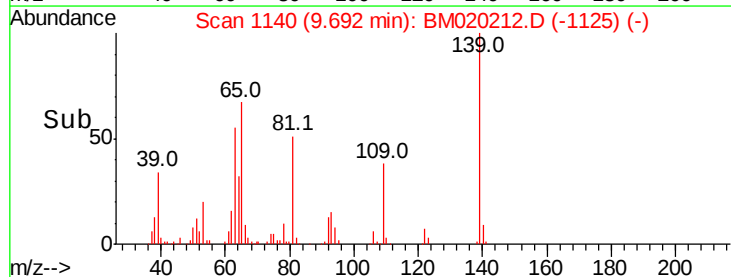
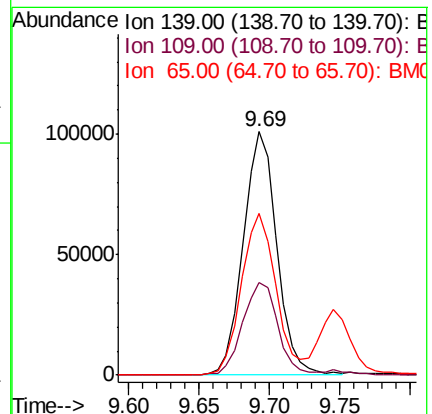
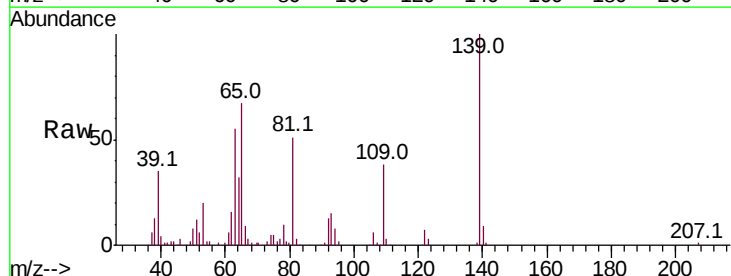
Tgt Ion: 139 Resp: 168848

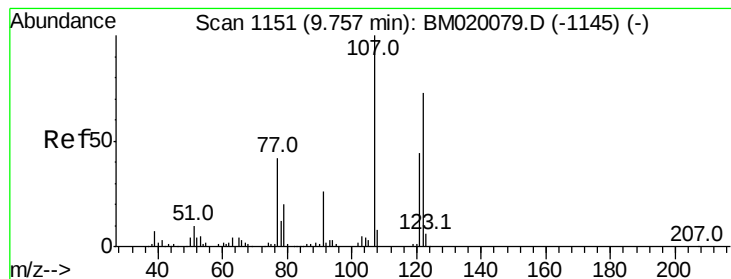
Ion Ratio Lower Upper

139 100

109 38.1 33.7 50.5

65 66.6 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 45.857 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

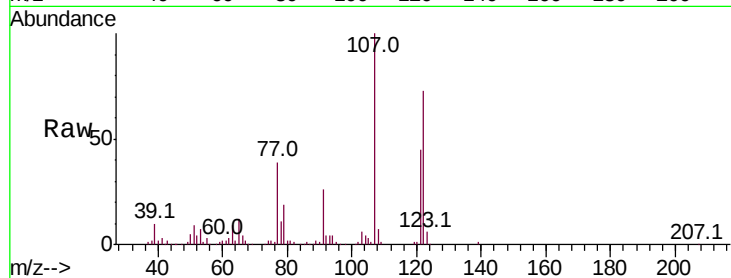
Tot Ion:122 Resp: 276543

Ion Ratio Lower Upper

122 100

107 137.1 108.6 162.8

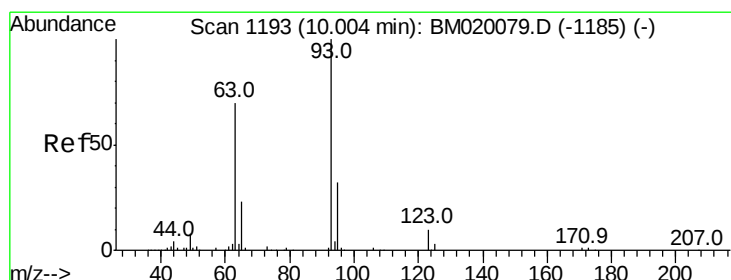
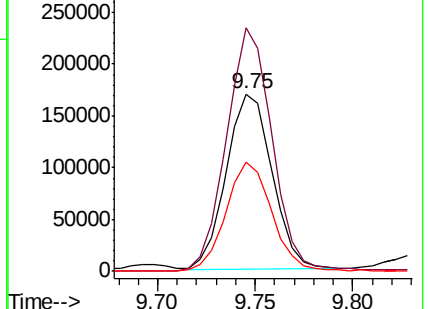
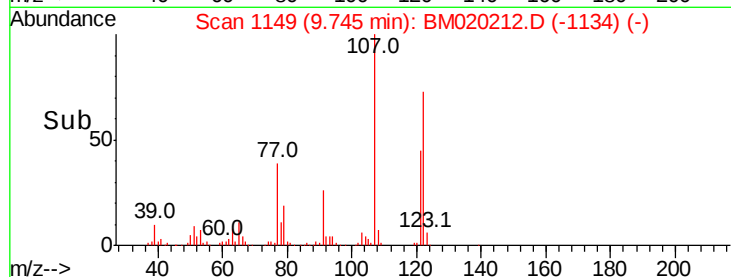
121 61.3 47.4 71.2



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: 38.889 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

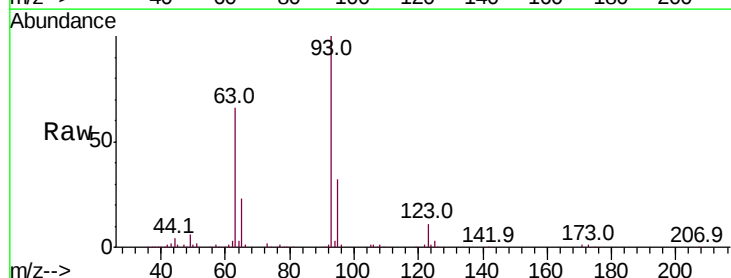
Tgt Ion: 93 Resp: 422669

Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

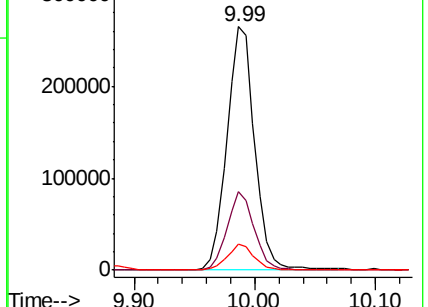
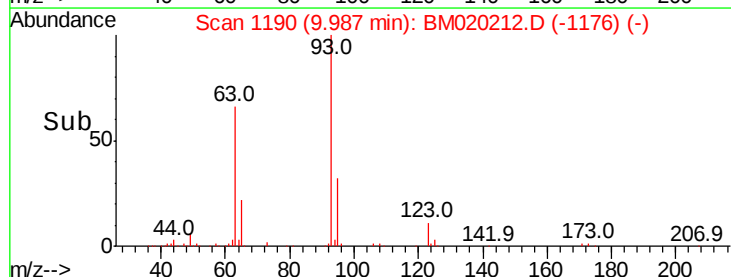
123 10.8 7.6 11.4

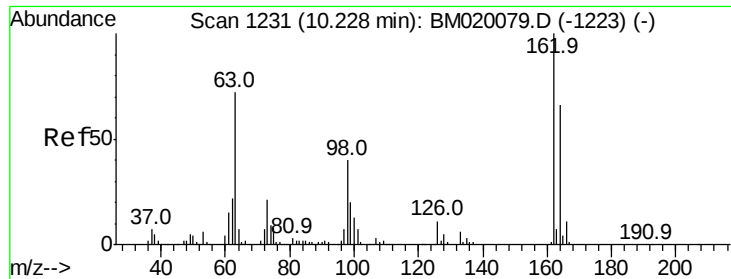


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

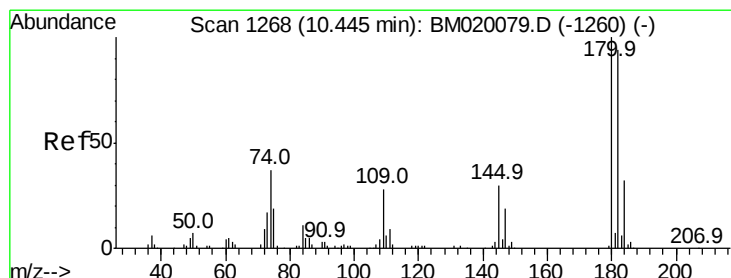
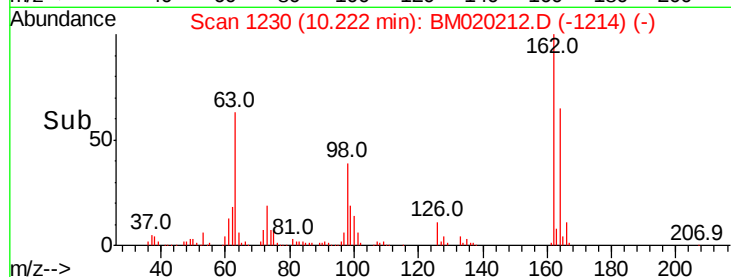
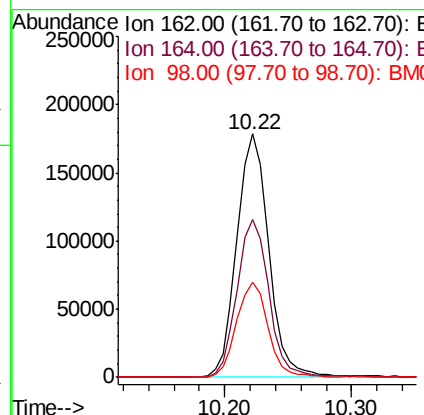
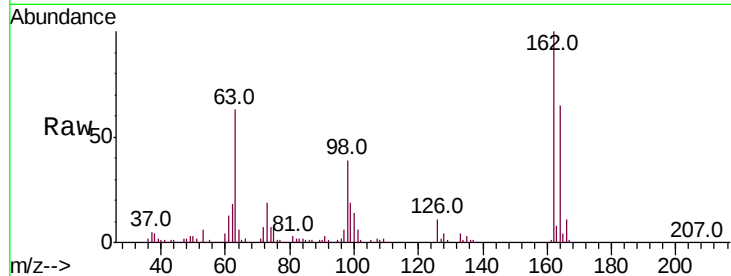




#29
 2,4-Dichlorophenol
 Concen: 40.956 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

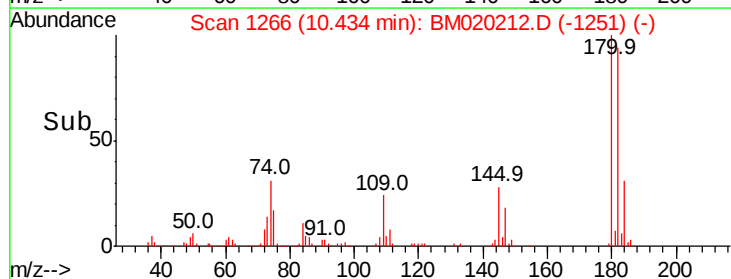
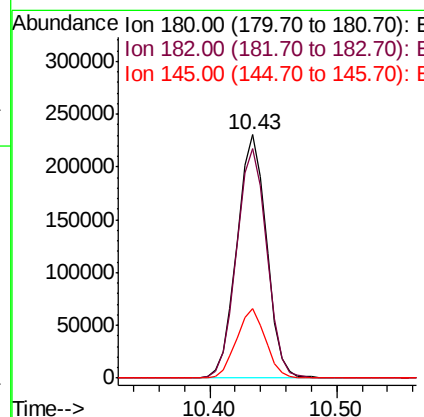
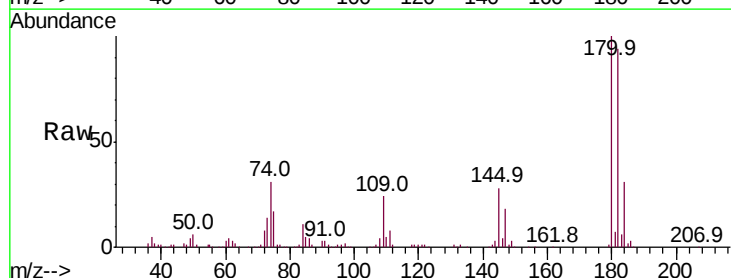
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

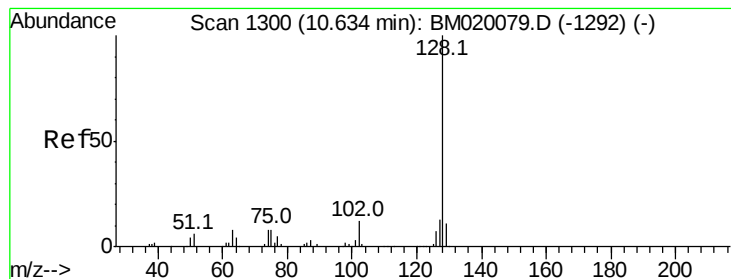
Tot Ion:162 Resp: 311442
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.6 85.6
 98 38.9 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.781 ng
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:180 Resp: 372219
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.0
 145 28.3 23.8 35.8

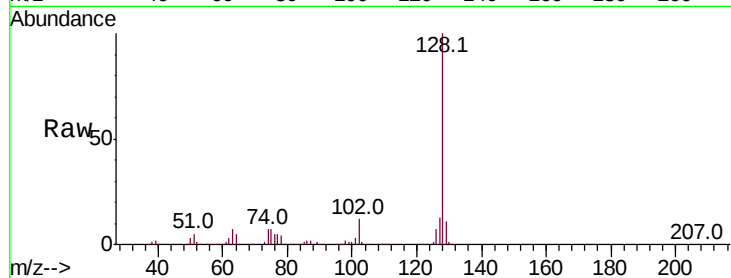




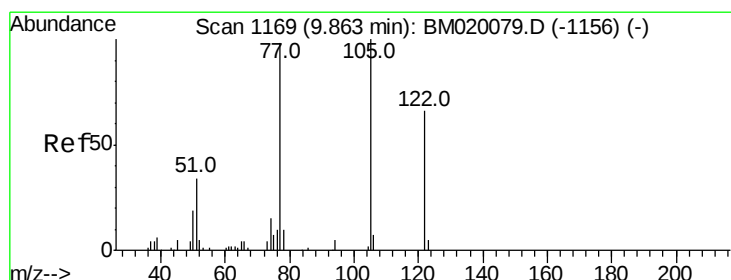
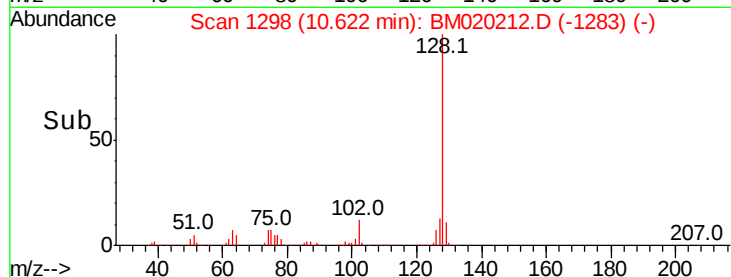
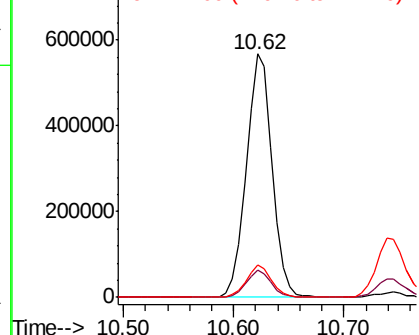
#31
Naphthalene
Concen: 39.195 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:128 Resp: 929248
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.1 10.4 15.6

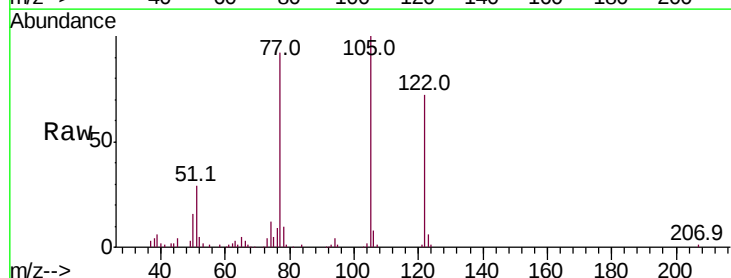


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

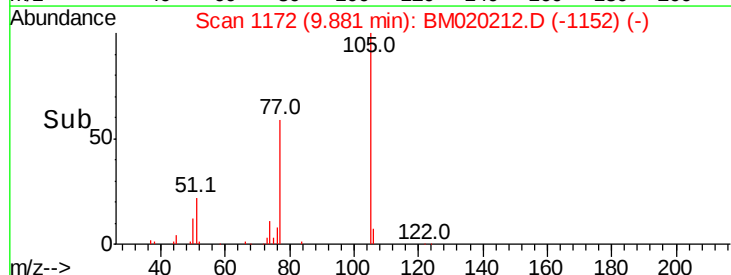
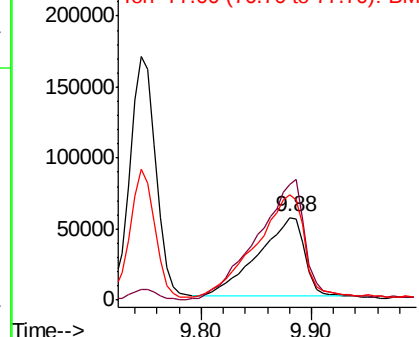


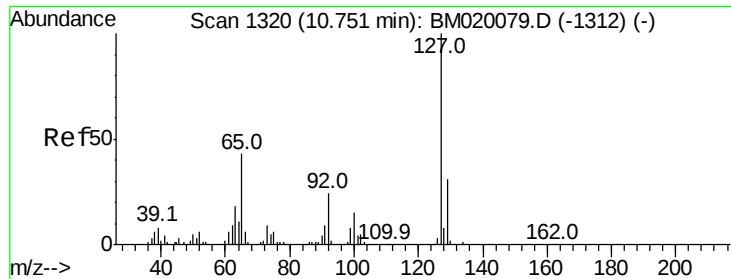
#32
Benzoic acid
Concen: 39.433 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:122 Resp: 163323
Ion Ratio Lower Upper
122 100
105 139.1 122.5 162.5
77 128.0 123.3 163.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

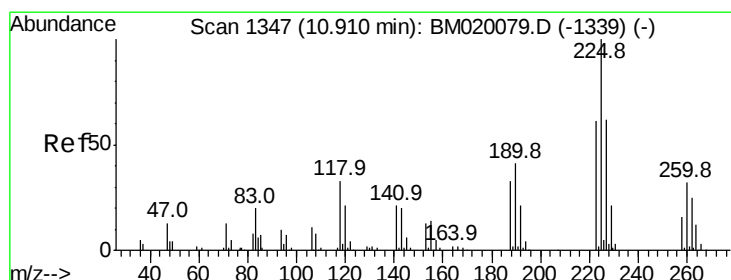
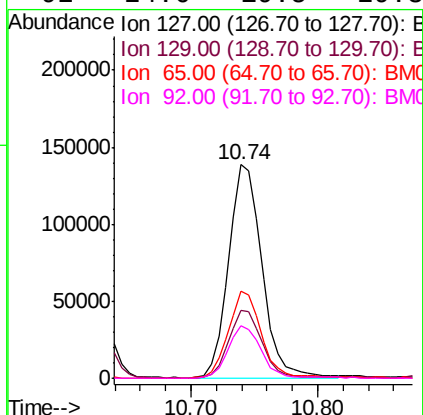
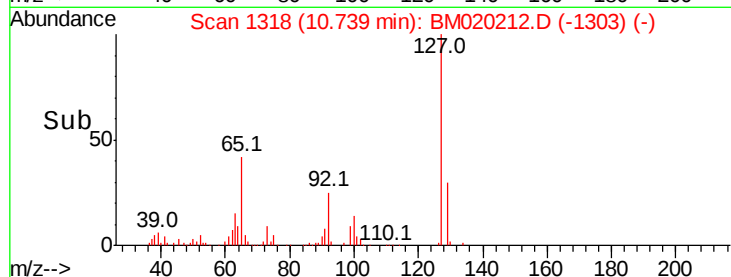
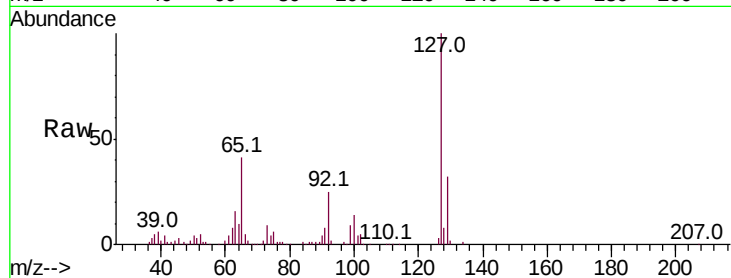




#33
4-Chloroaniline
Concen: 26.076 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

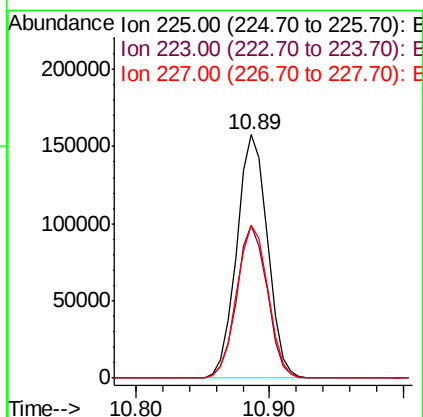
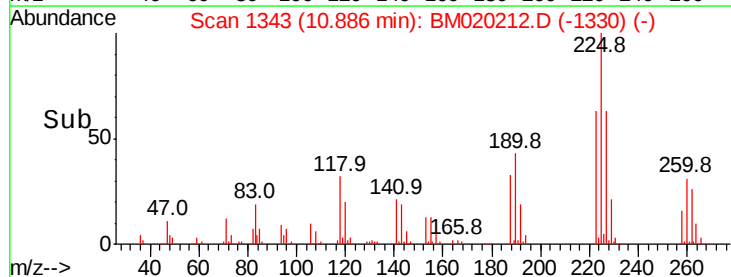
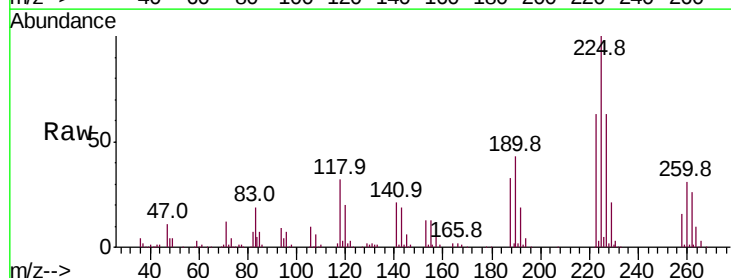
Instrument :
BNA_M
ClientSampleId :
PB119288BS

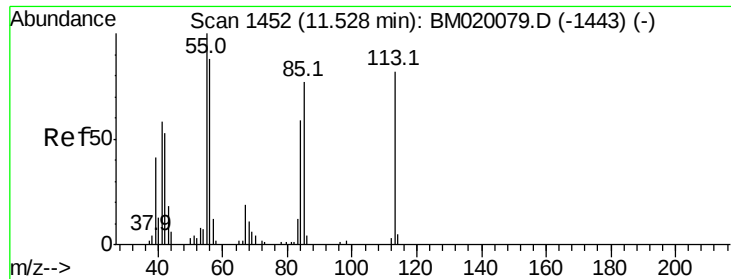
Tot Ion:	127	Resp:	254450
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.7	37.1
65	40.7	34.6	52.0
92	24.6	19.5	29.3



#34
Hexachlorobutadiene
Concen: 38.010 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:	225	Resp:	251589
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.9	73.3
227	62.7	49.6	74.4





#35

Caprolactam

Concen: 43.435 ng/mL

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

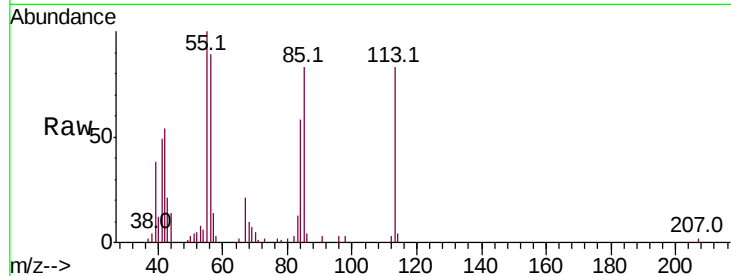
Tot Ion:113 Resp: 98761

Ion Ratio Lower Upper

113 100

55 121.1 102.5 142.5

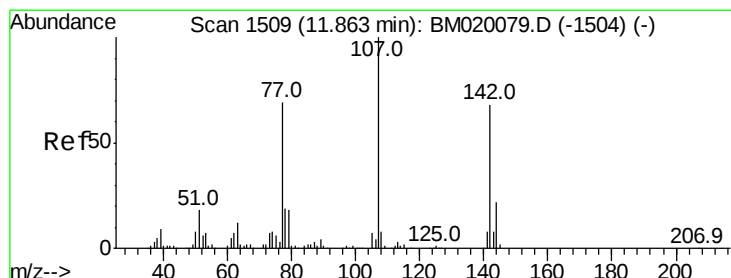
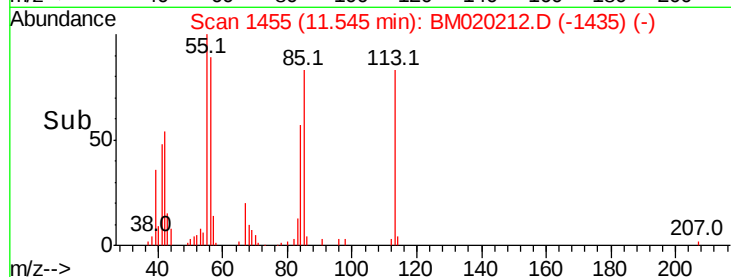
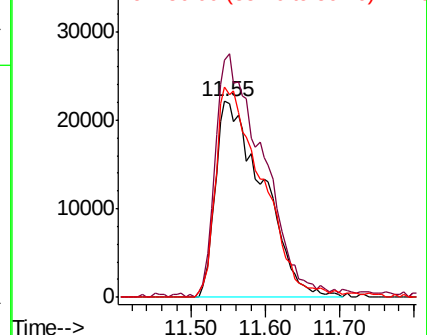
56 107.3 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.301 ng/mL

RT: 11.86 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

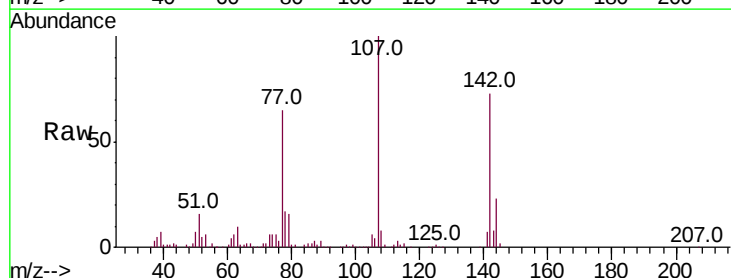
Tgt Ion:107 Resp: 342262

Ion Ratio Lower Upper

107 100

144 22.8 17.6 26.4

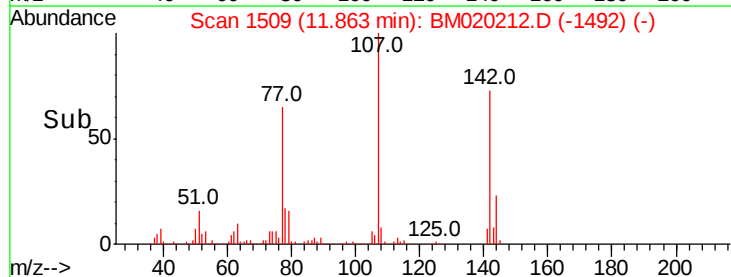
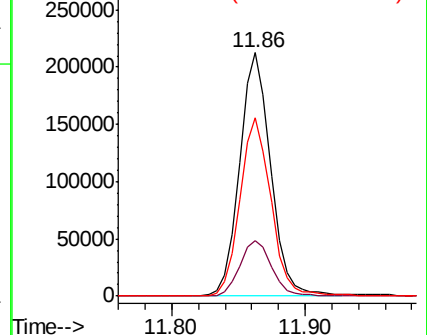
142 73.0 54.6 82.0

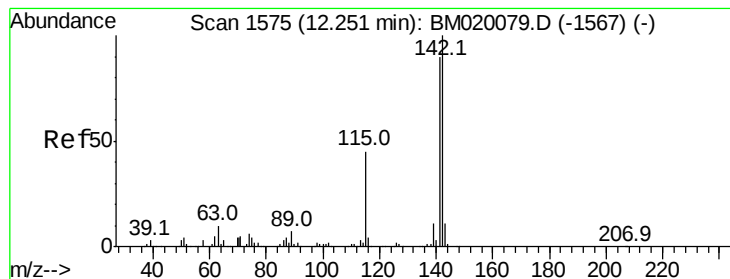


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.310 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

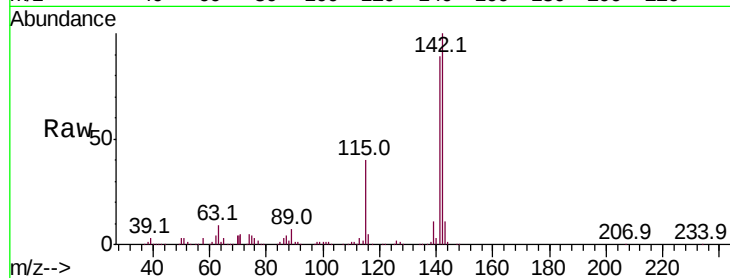
Tot Ion:142 Resp: 679437

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4

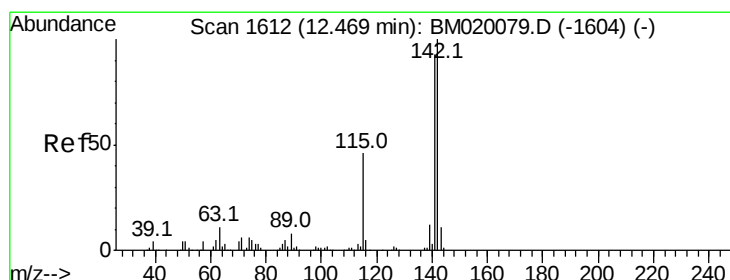
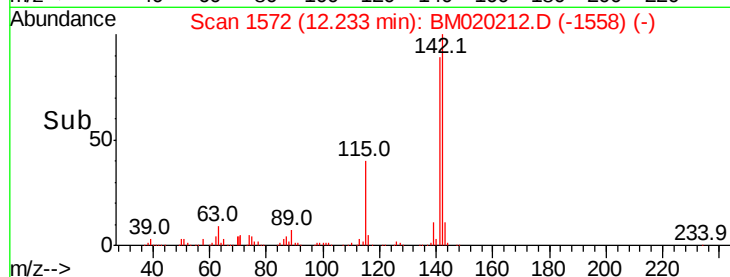
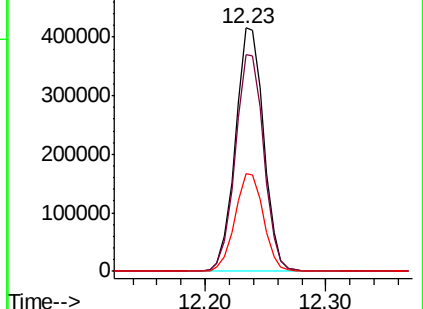
115 40.3 35.8 53.6



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: 38.164 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

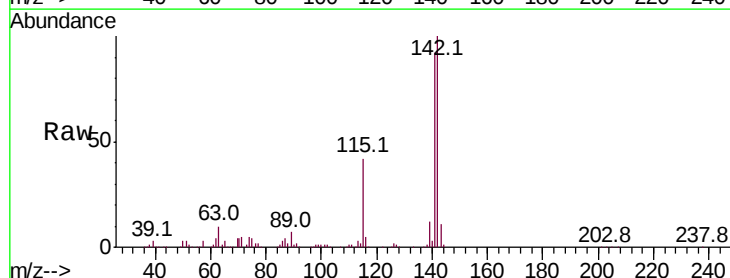
Tgt Ion:142 Resp: 645025

Ion Ratio Lower Upper

142 100

141 92.1 74.8 112.2

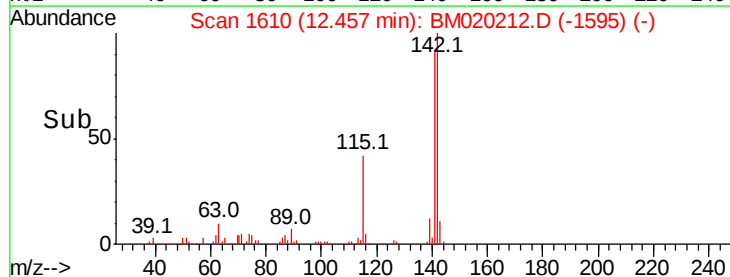
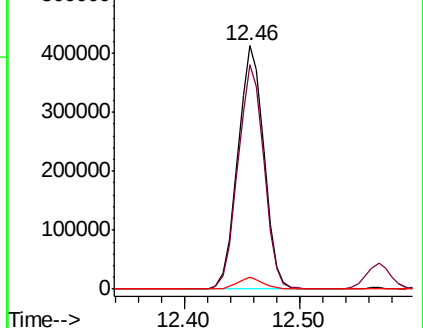
116 4.8 3.9 5.9

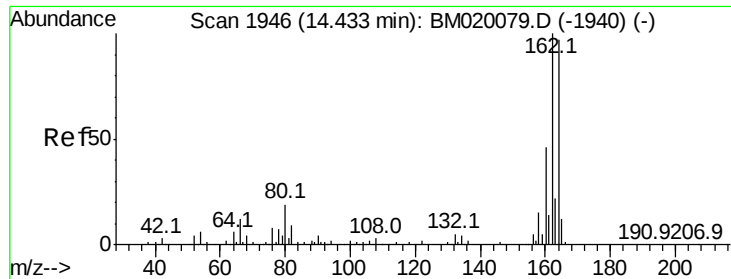


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

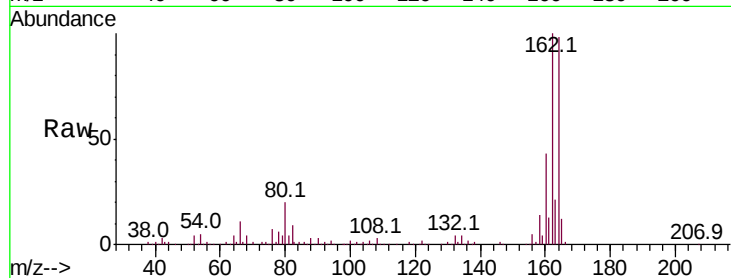
Tot Ion:164 Resp: 274580

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

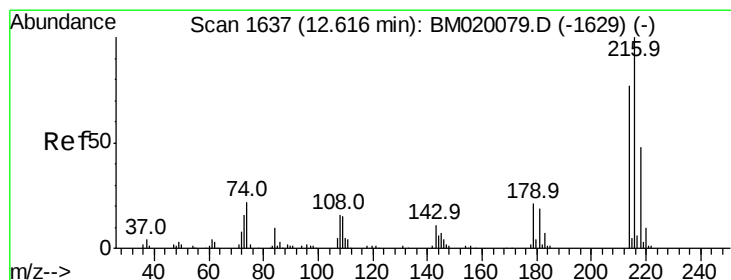
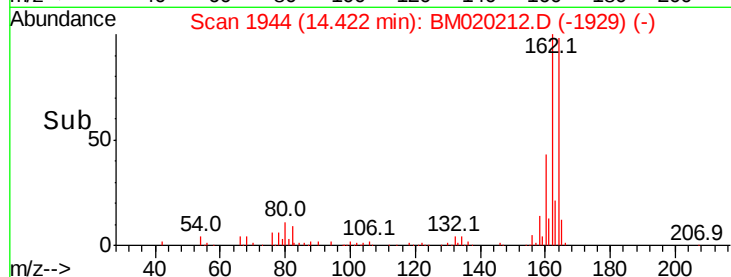
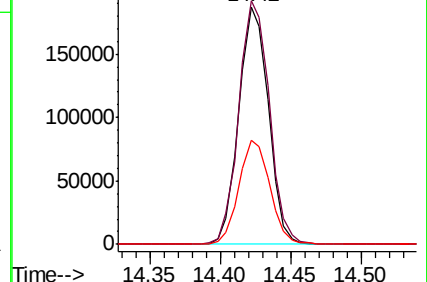
160 43.6 37.6 56.4



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: 40.285 ng

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion:216 Resp: 432771

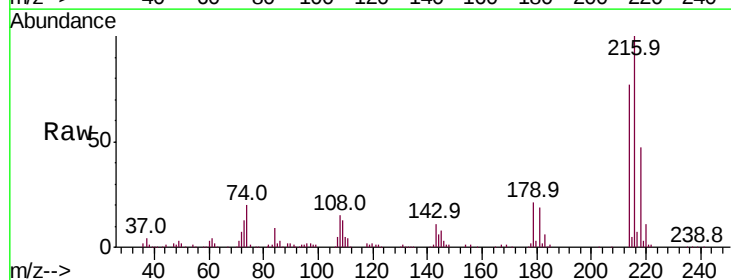
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.5 17.1 25.7

108 15.4 15.8 23.6#

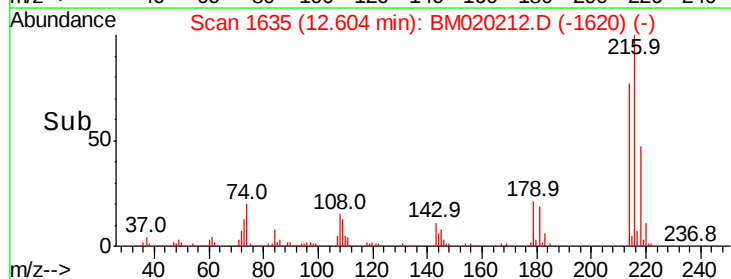
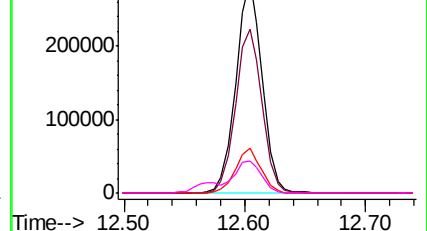


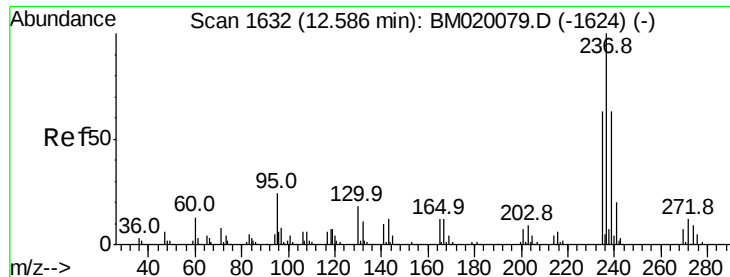
Abundance Ion 216.00 (215.70 to 216.70): E

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

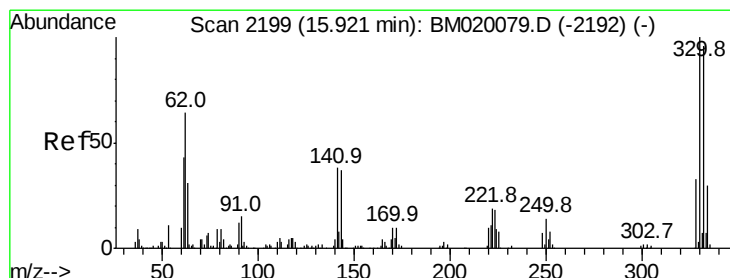
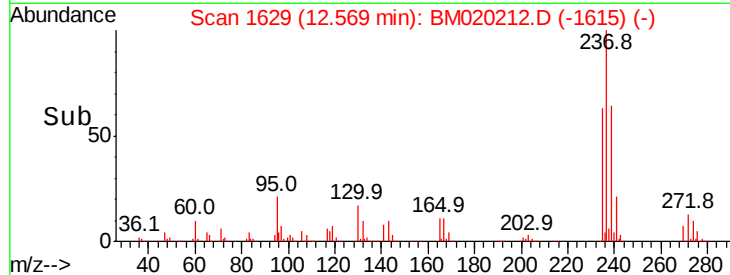
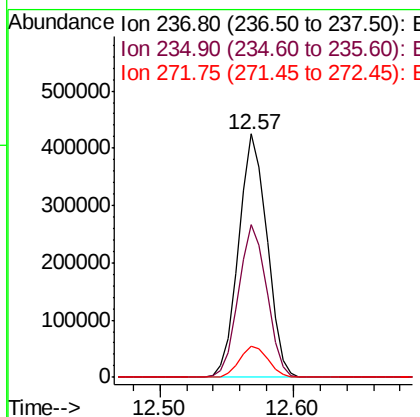
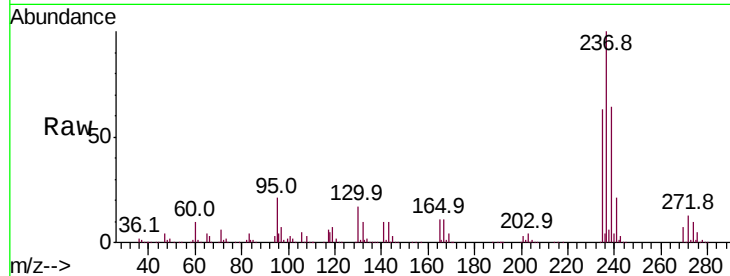




#41
Hexachlorocyclopentadiene
Concen: 98.838 ng
RT: 12.57 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

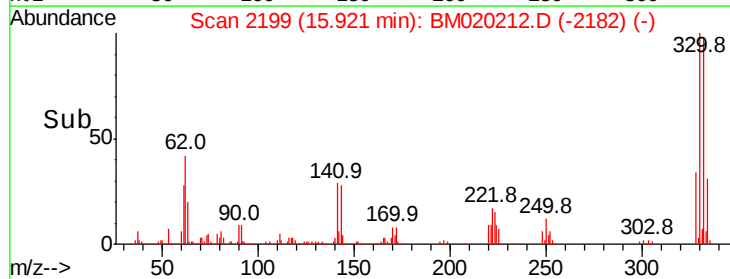
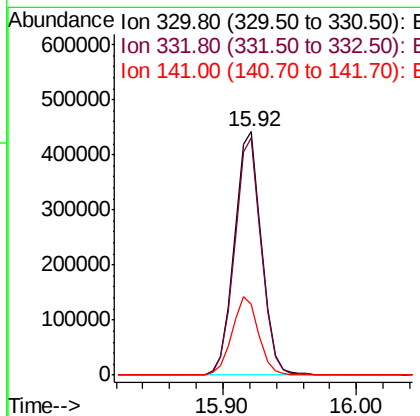
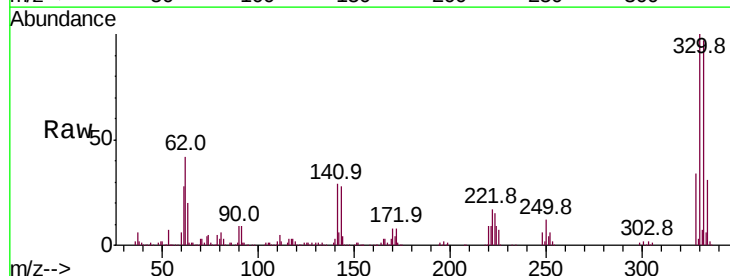
Instrument :
BNA_M
ClientSampled :
PB119288BS

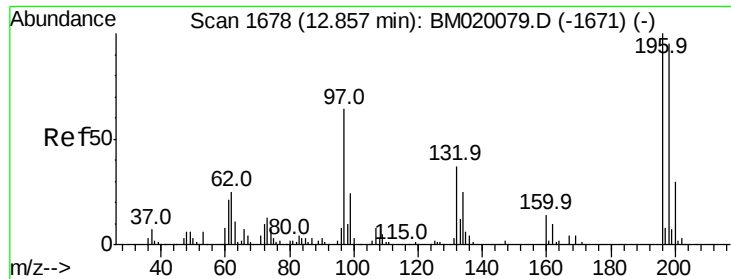
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.4	83.4
272	12.7	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 145.714 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.0	29.2	43.8

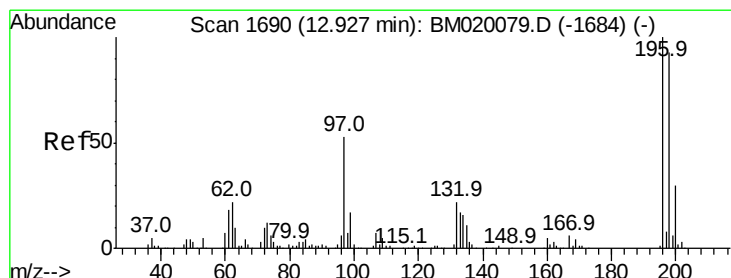
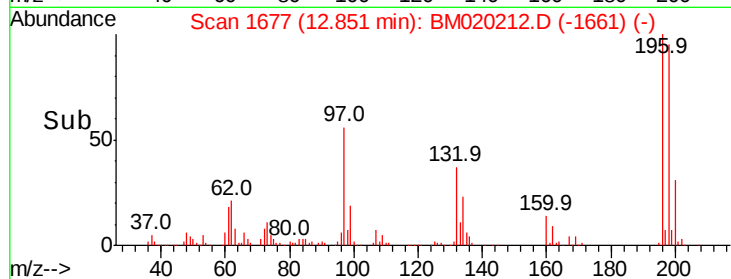
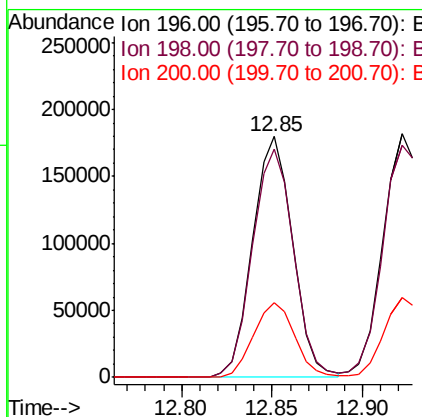
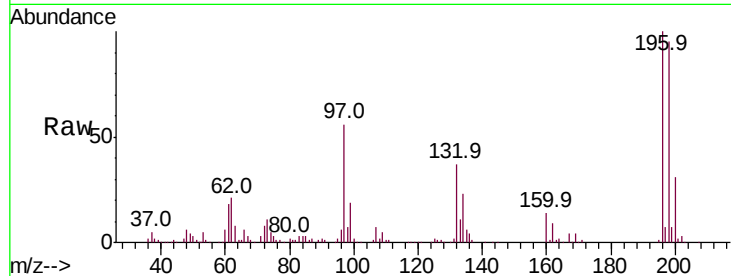




#43
 2,4,6-Trichlorophenol
 Concen: 45.287 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

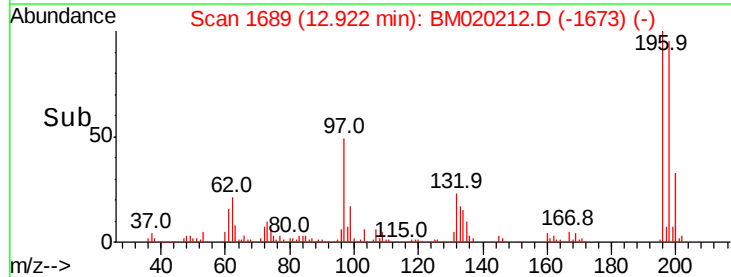
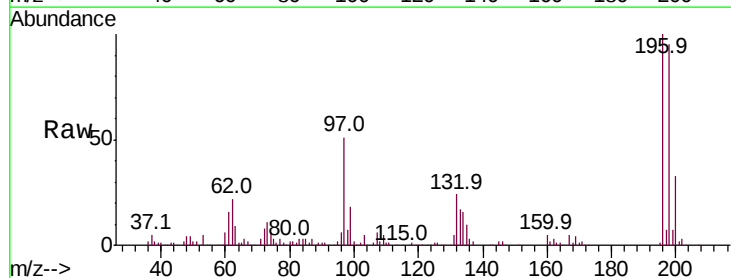
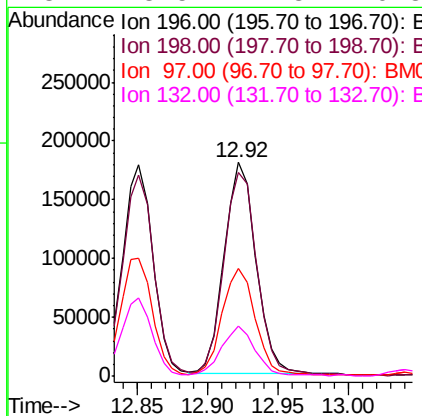
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

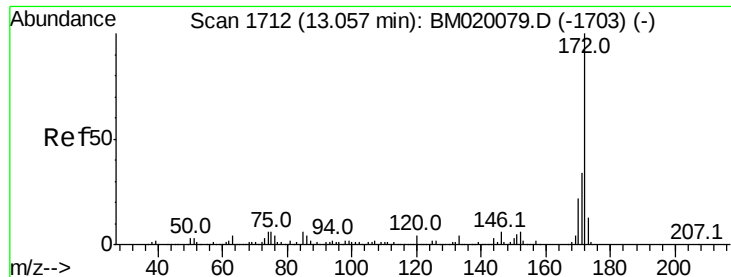
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	31.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.661 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.7	112.1
97	50.6	42.2	63.4
132	23.5	17.8	26.8



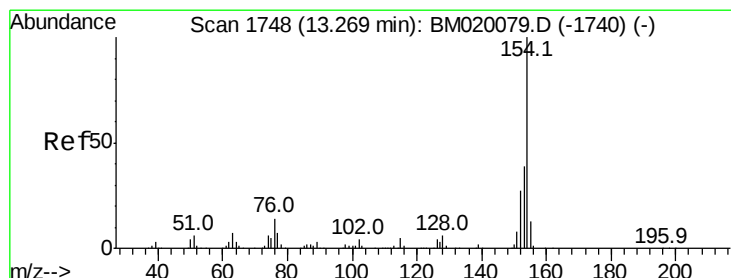
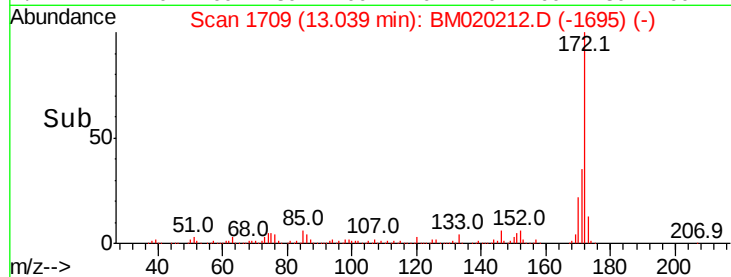
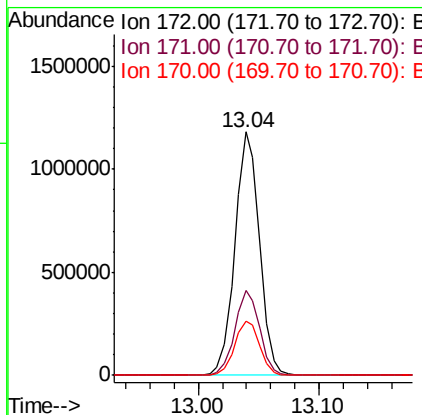
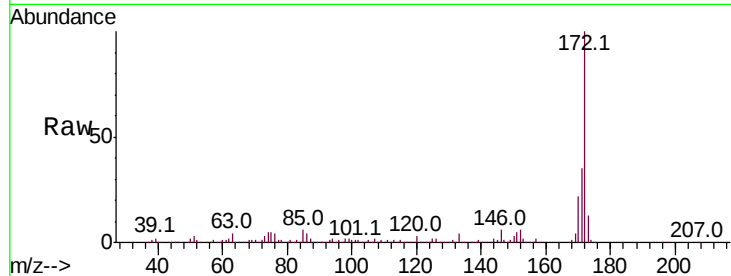


#45
2-Fluorobiphenyl
Concen: 74.702 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:172 Resp: 1667122

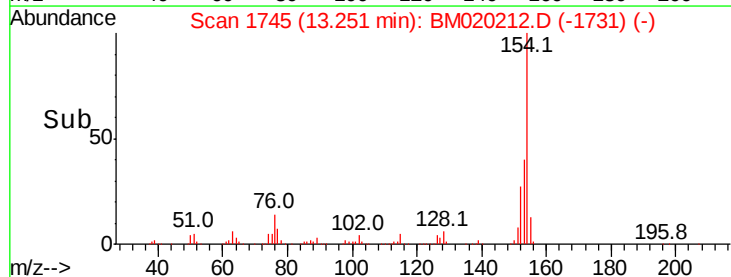
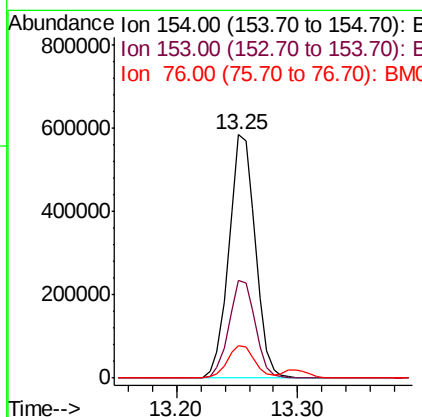
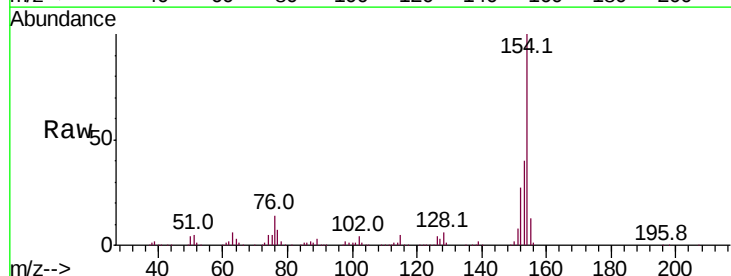
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.5	17.9	26.9

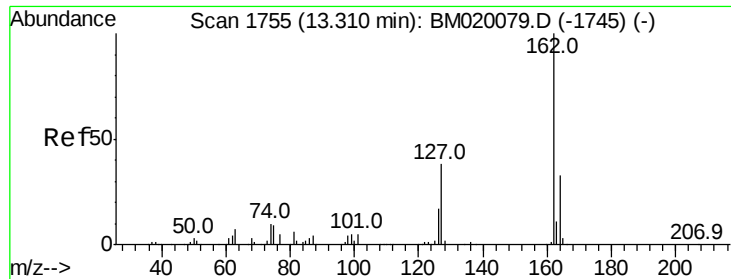


#46
1,1'-Biphenyl
Concen: 39.430 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:154 Resp: 891143

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.4	59.4
76	13.5	0.0	34.5





#47

2-Chloronaphthalene

Concen: 39.496 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

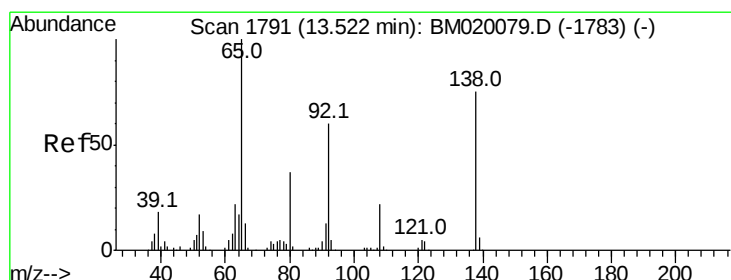
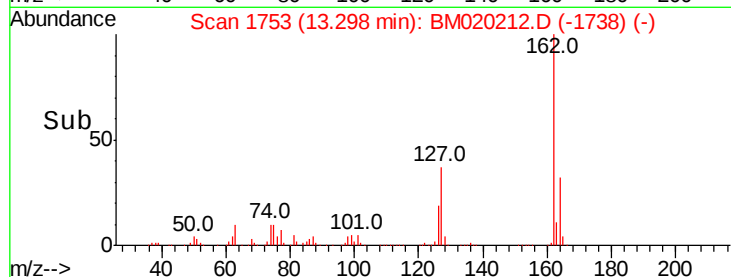
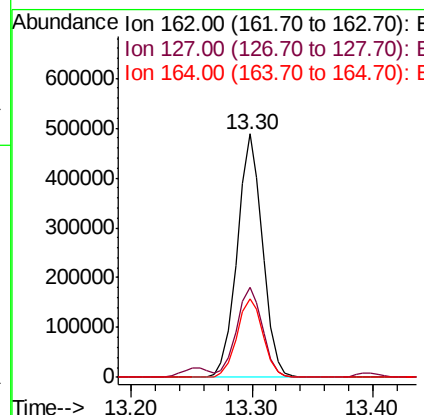
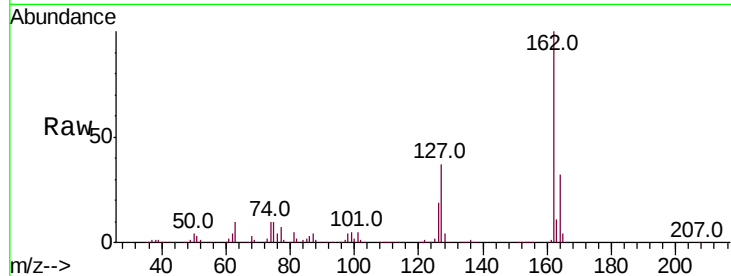
Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:162 Resp: 712695

Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.0	46.4
164	32.4	26.2	39.2



#48

2-Nitroaniline

Concen: 38.649 ng

RT: 13.52 min Scan# 1790

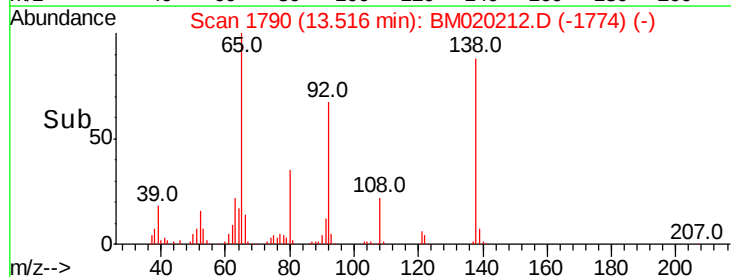
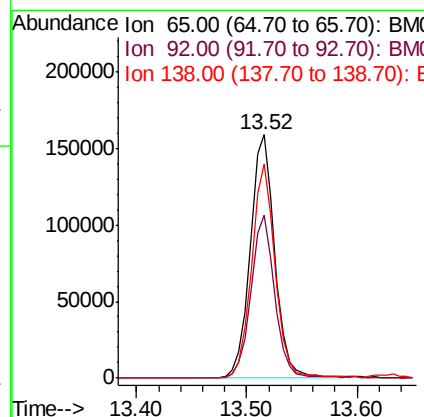
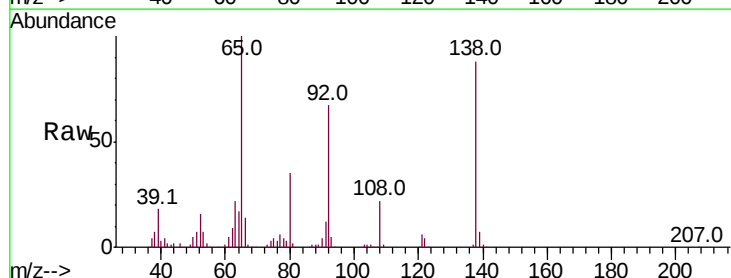
Delta R.T. -0.01 min

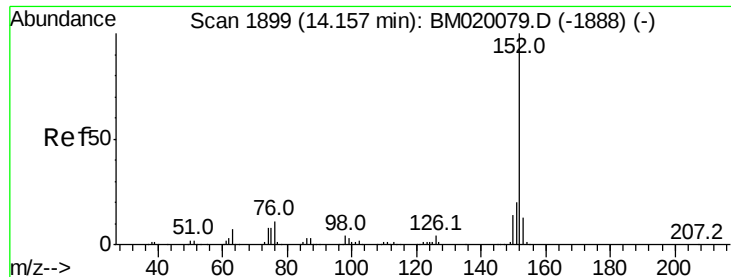
Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion: 65 Resp: 248289

Ion	Ratio	Lower	Upper
65	100		
92	67.2	48.2	72.4
138	87.9	60.3	90.5





#49

Acenaphthylene

Concen: 38.210 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

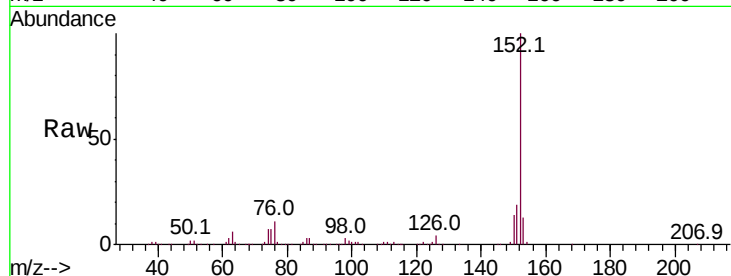
Tot Ion:152 Resp: 1103449

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

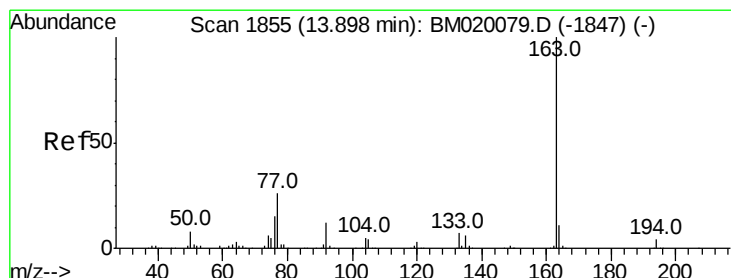
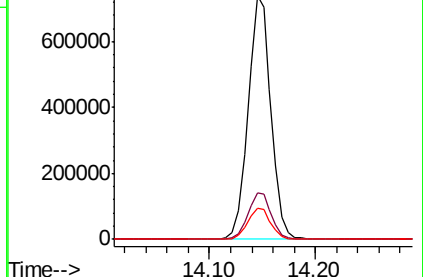
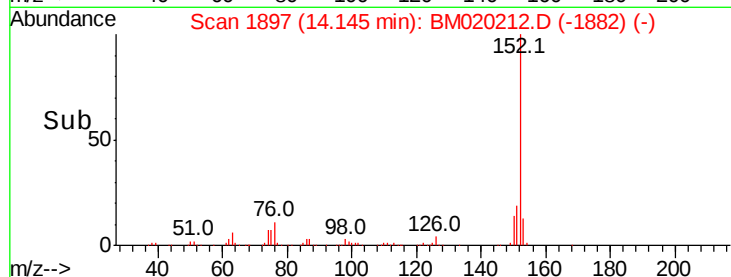
153 12.8 10.6 16.0



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: 38.871 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

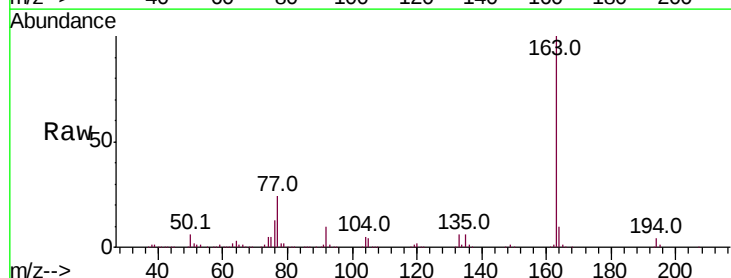
Tgt Ion:163 Resp: 907147

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

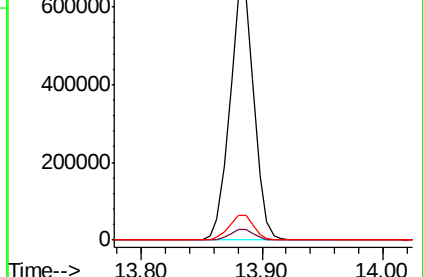
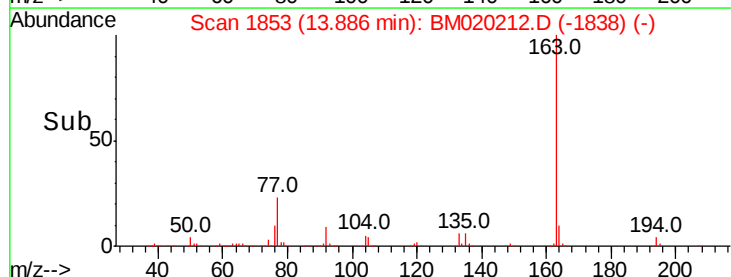
164 10.0 8.4 12.6

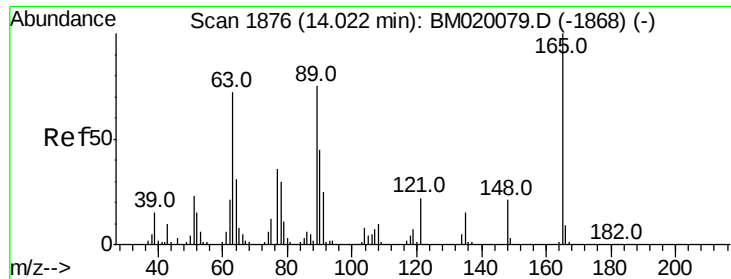


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

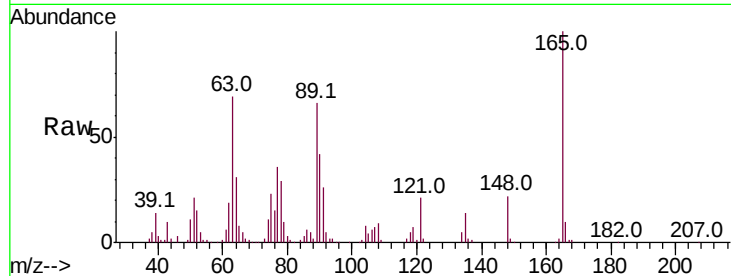




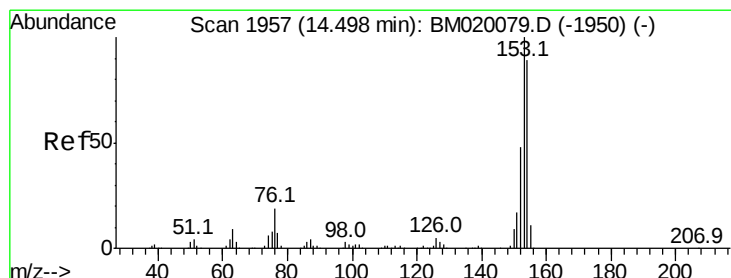
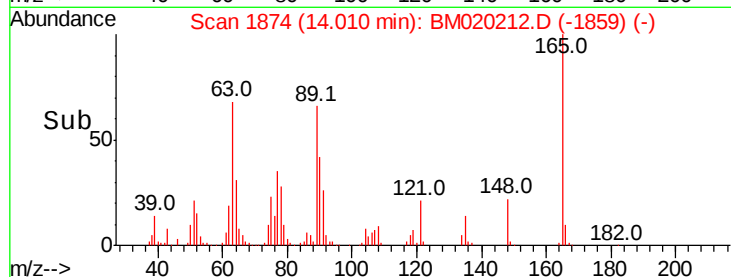
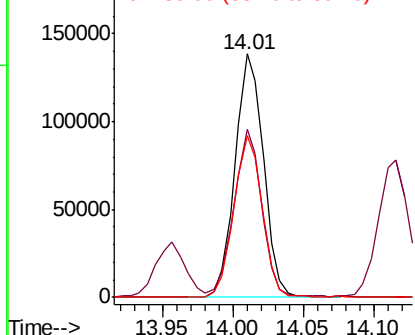
#51
2,6-Dinitrotoluene
Concen: 39.557 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:165 Resp: 194432
Ion Ratio Lower Upper
165 100
63 69.0 60.3 90.5
89 66.4 59.8 89.6

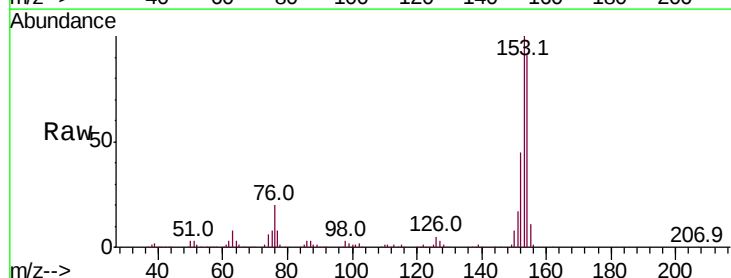


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

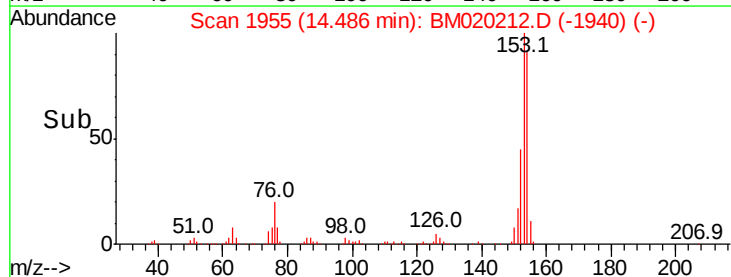
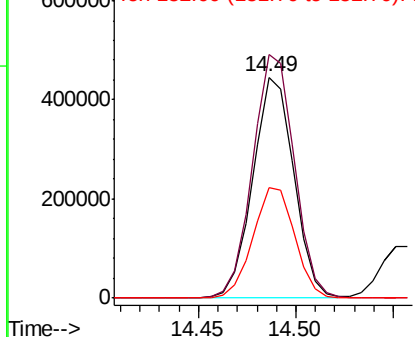


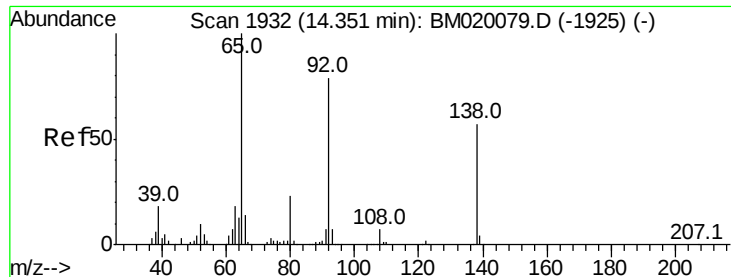
#52
Acenaphthene
Concen: 39.138 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:154 Resp: 648149
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 50.1 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

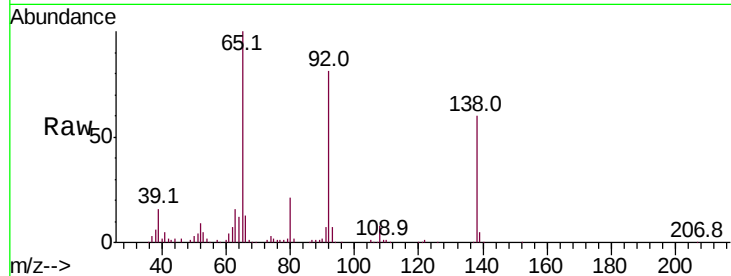




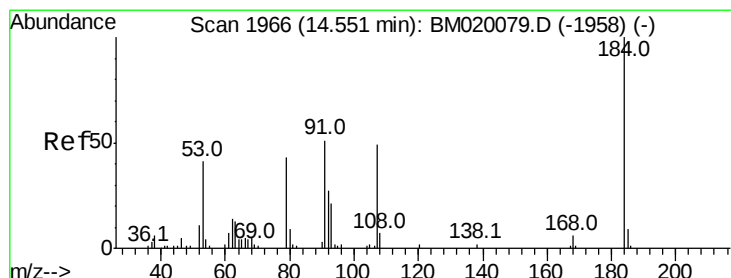
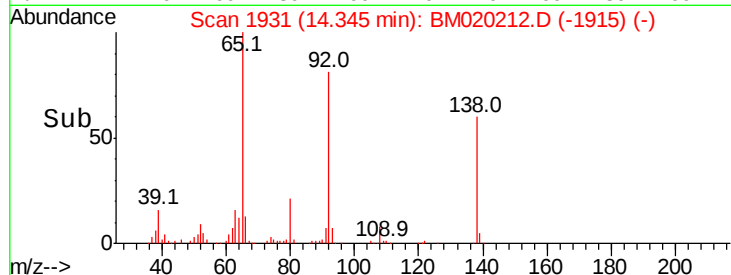
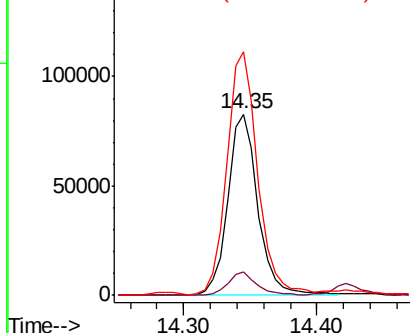
#53
3-Nitroaniline
Concen: 28.692 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:138 Resp: 130894
Ion Ratio Lower Upper
138 100
108 13.3 10.4 15.6
92 134.6 111.3 166.9

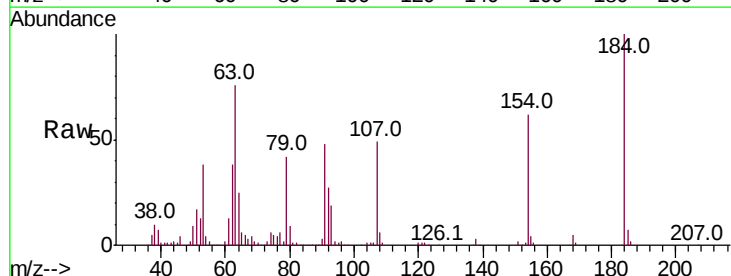


Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

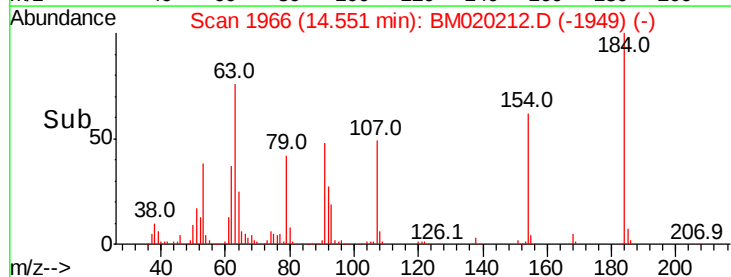
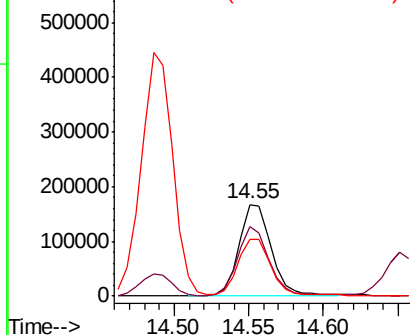


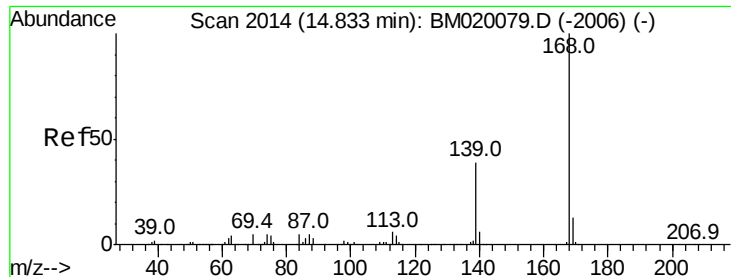
#54
2,4-Dinitrophenol
Concen: 100.364 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:184 Resp: 253040
Ion Ratio Lower Upper
184 100
63 75.9 68.9 103.3
154 61.8 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E
600000 Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

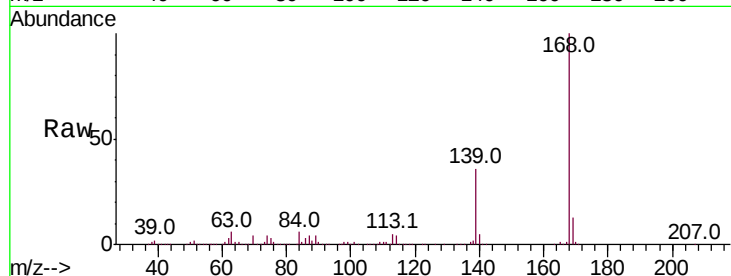




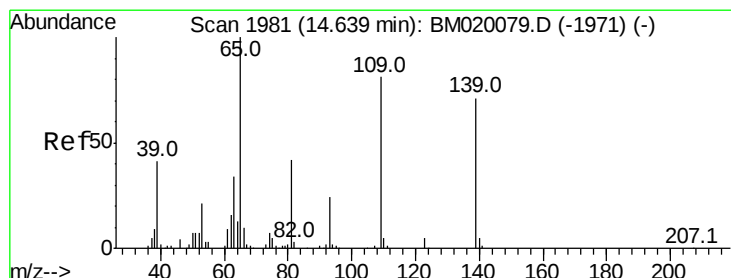
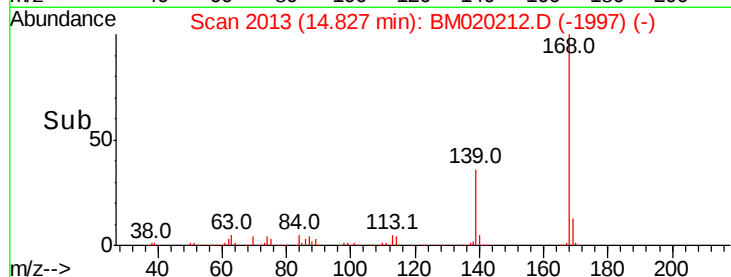
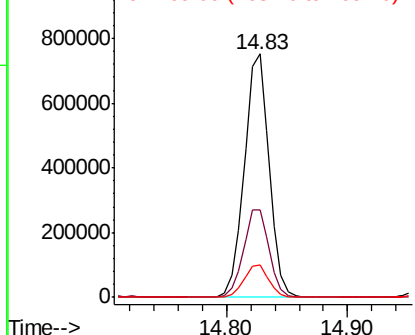
#55
Dibenzofuran
Concen: 38.546 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:168 Resp: 1076734
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.1 10.6 16.0

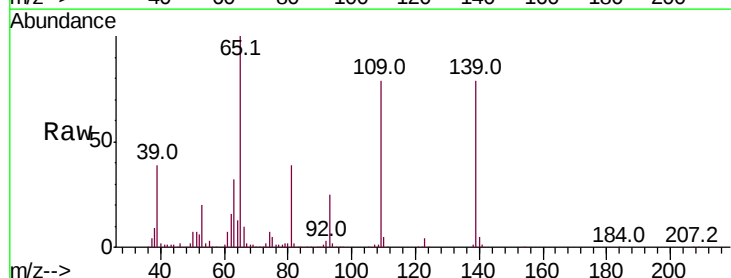


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

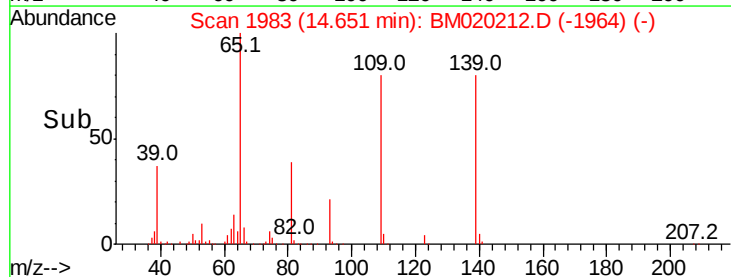
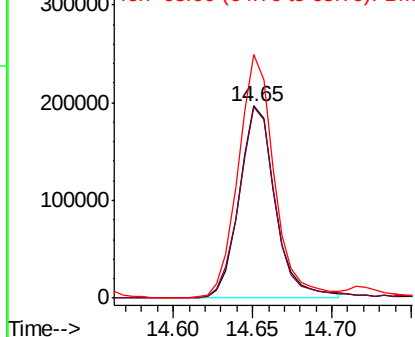


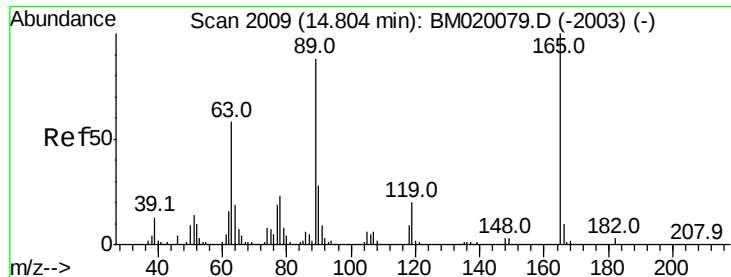
#56
4-Nitrophenol
Concen: 79.600 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:139 Resp: 309828
Ion Ratio Lower Upper
139 100
109 99.8 94.1 134.1
65 126.9 120.9 160.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

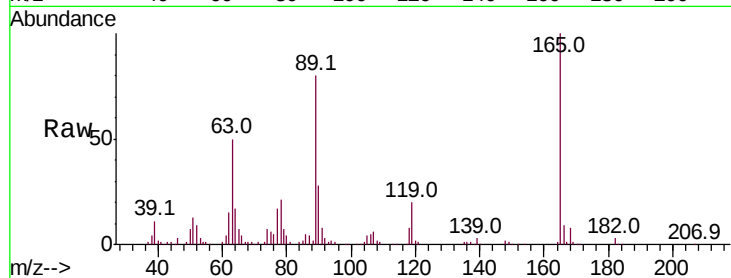




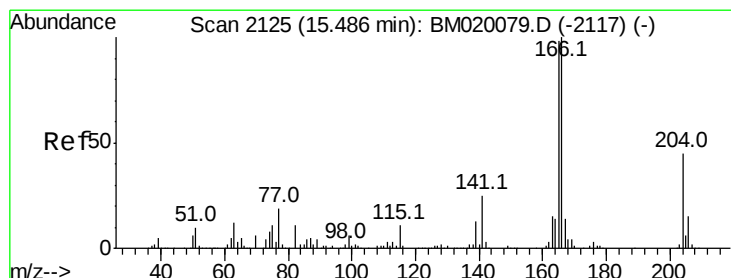
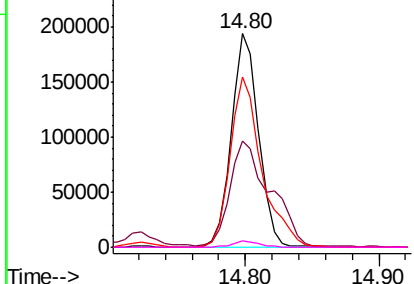
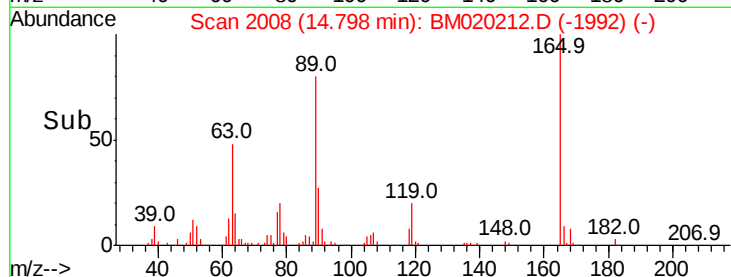
#57
 2,4-Dinitrotoluene
 Concen: 41.204 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion:	165	Resp:	275200
Ion	Ratio	Lower	Upper
165	100		
63	50.0	46.2	69.2
89	80.0	70.6	105.8
182	2.9	2.2	3.2

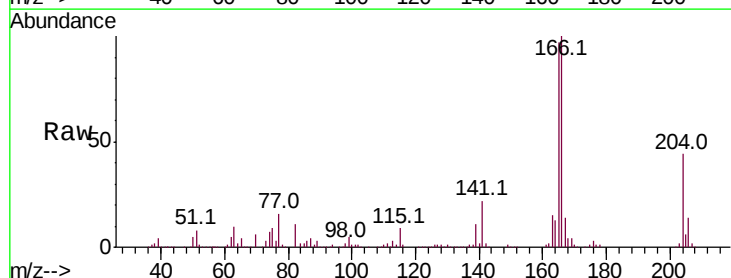


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

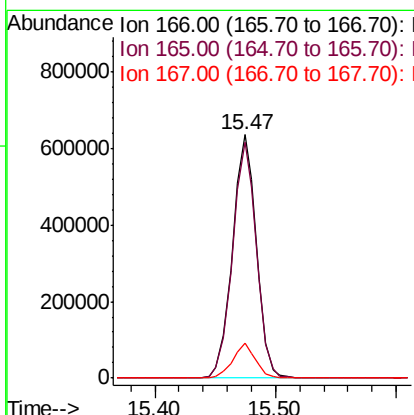
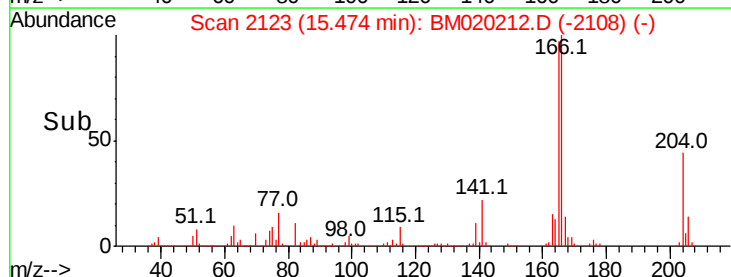


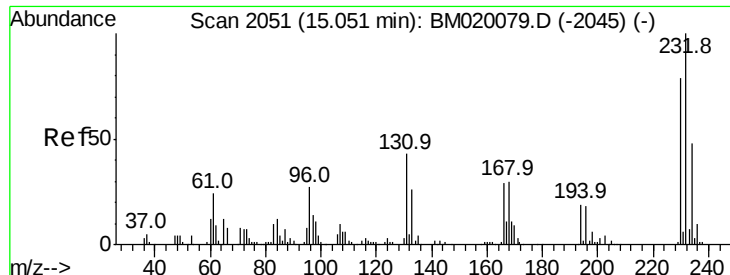
#58
 Fluorene
 Concen: 38.198 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:	166	Resp:	876325
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.2	117.2
167	14.2	11.0	16.4



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

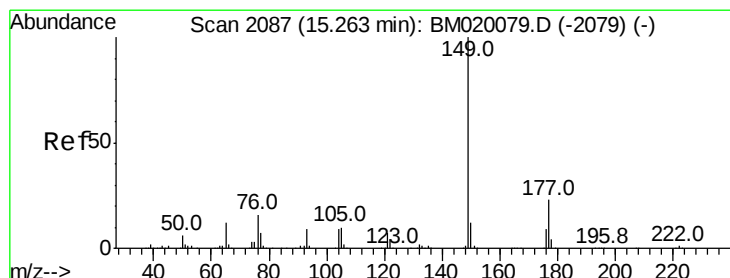
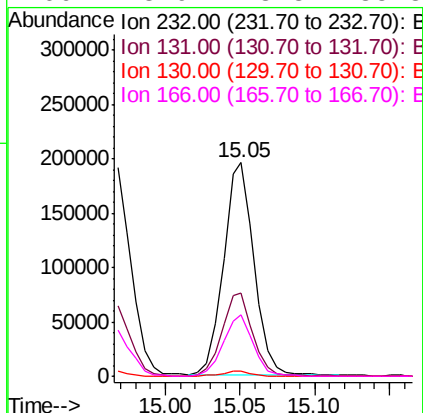
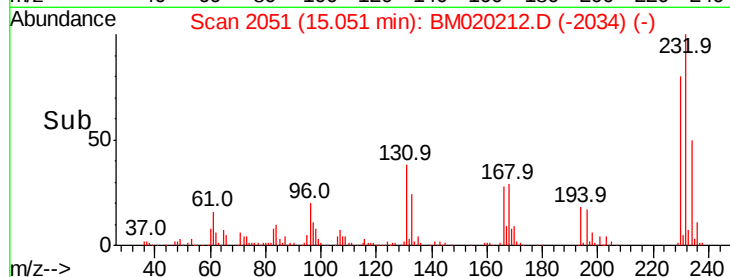
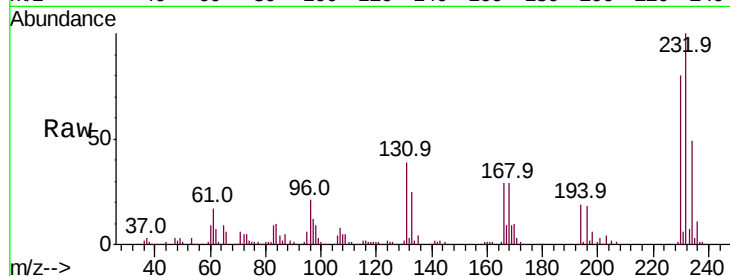




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.973 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

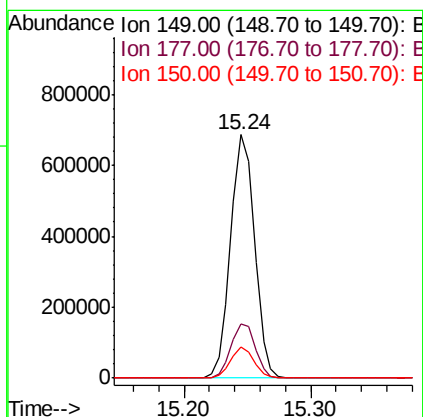
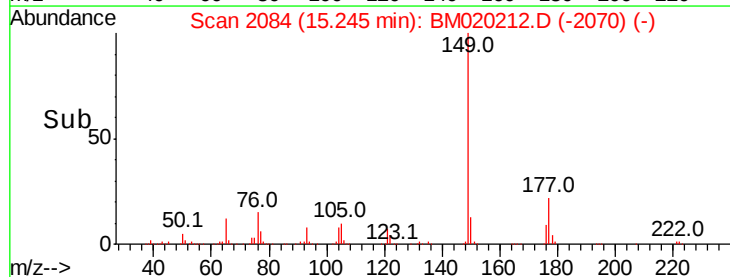
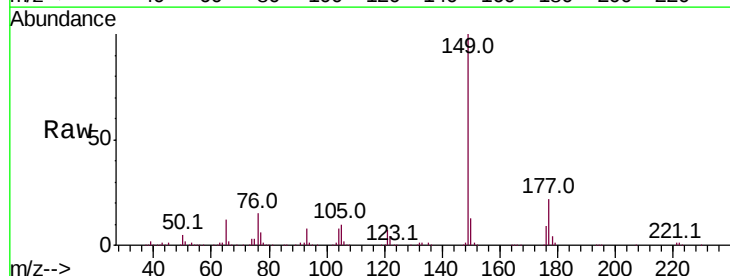
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

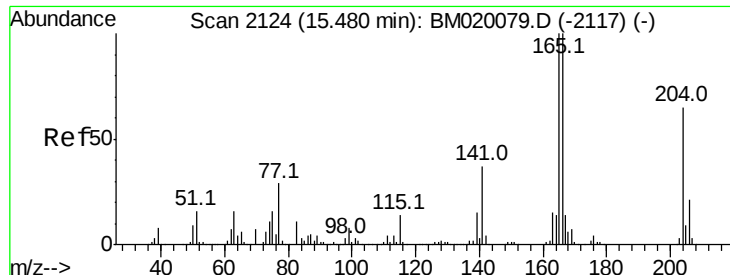
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	34.2	51.4
130	2.2	2.0	3.0
166	28.9	23.8	35.8



#60
 Diethylphthalate
 Concen: 38.191 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.4
150	12.9	9.9	14.9

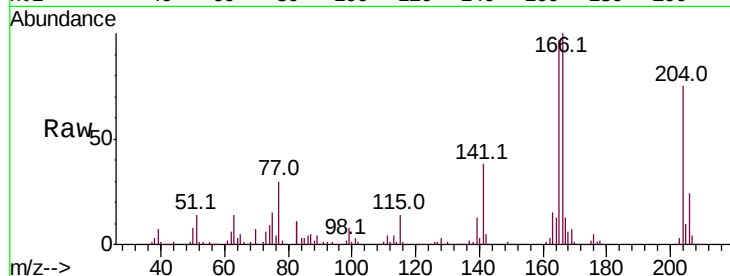




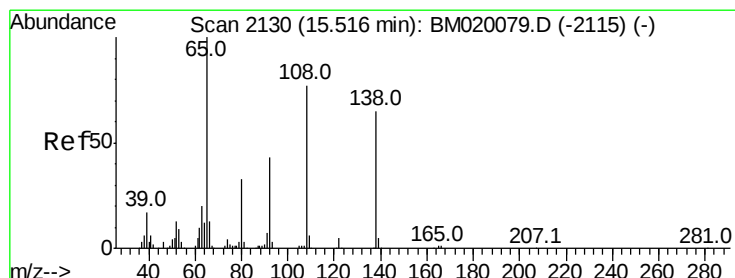
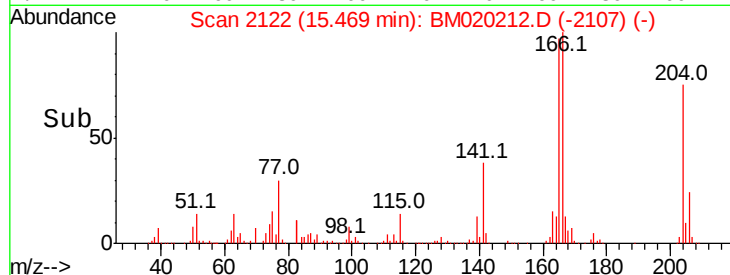
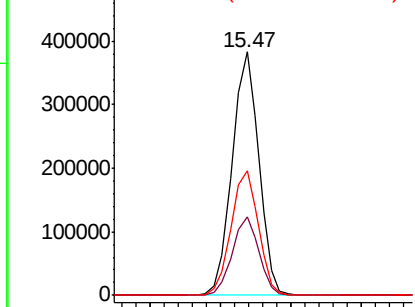
#61
 4-Chlorophenyl-phenylether
 Concen: 38.779 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Instrument :
 BNA_M
 ClientSampleID :
 PB119288BS

Tot Ion:204 Resp: 504081
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.6 38.4
 141 50.9 46.1 69.1

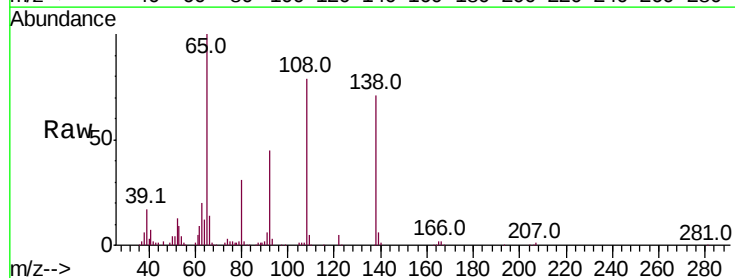


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

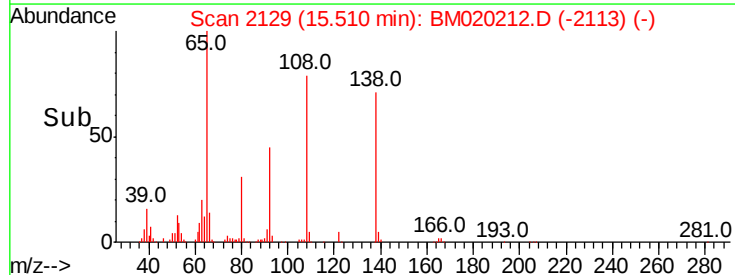
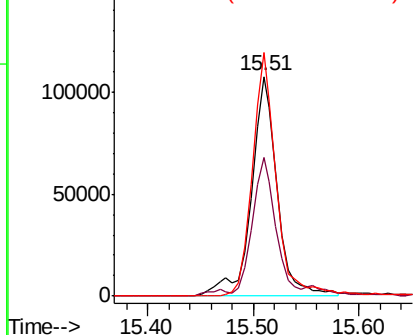


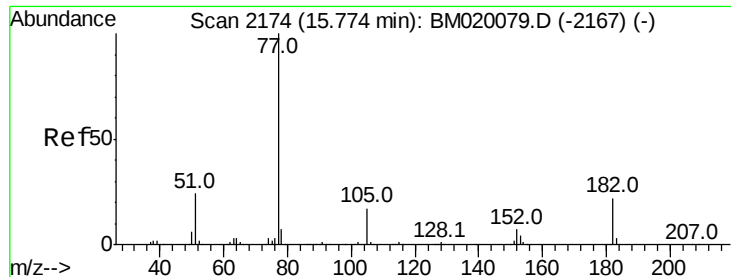
#62
 4-Nitroaniline
 Concen: 36.667 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:138 Resp: 184604
 Ion Ratio Lower Upper
 138 100
 92 63.1 45.9 85.9
 108 110.7 97.7 137.7



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





#63

Azobenzene

Concen: 35.174 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion: 77 Resp: 975649

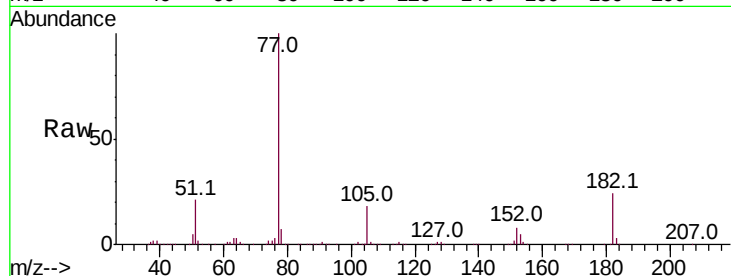
Ion Ratio Lower Upper

77 100

182 23.8 2.1 42.1

105 17.7 0.0 36.8

51 21.0 3.8 43.8

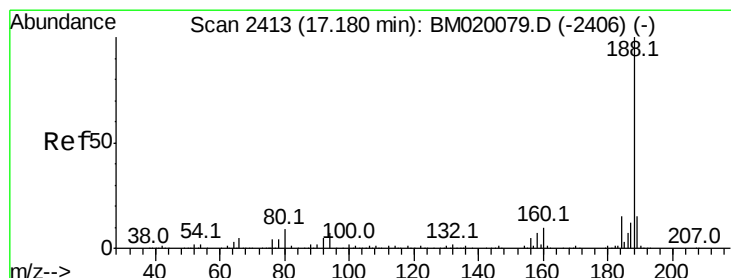
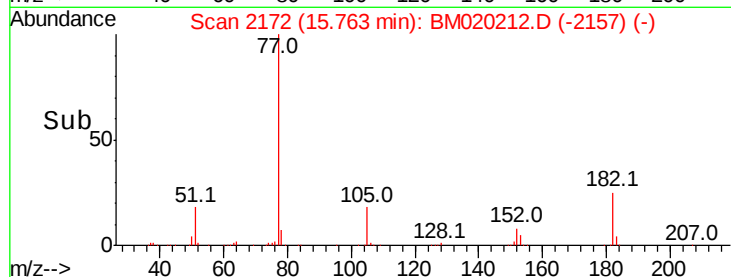
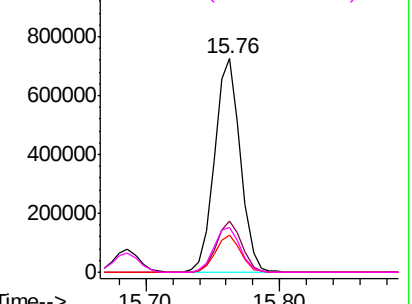


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020212.D

Acq: 09 May 2019 12:03

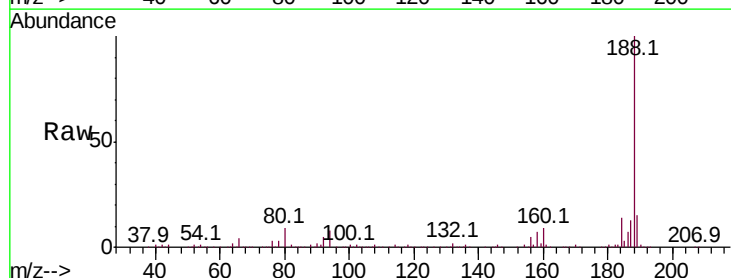
Tgt Ion: 188 Resp: 657236

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

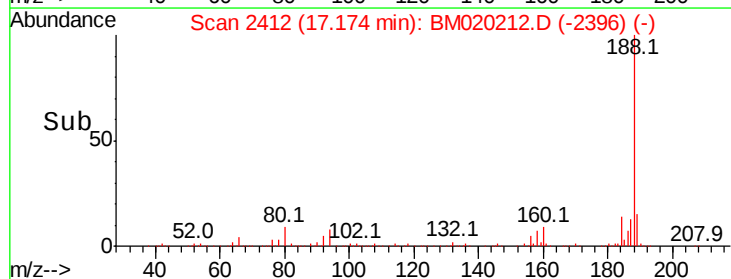
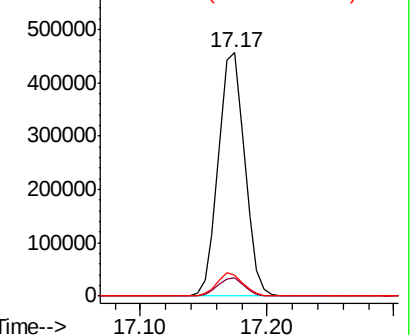
80 8.8 7.4 11.2

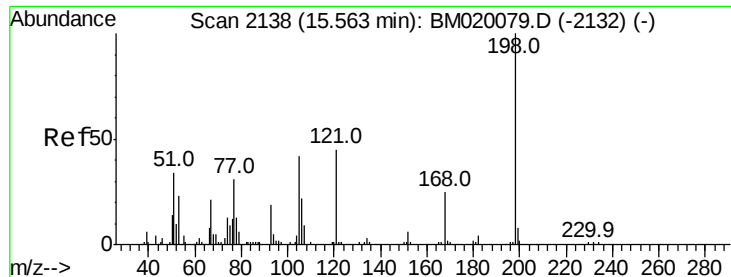


Abundance Ion 188.00 (187.70 to 188.70): E

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: 47.414 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

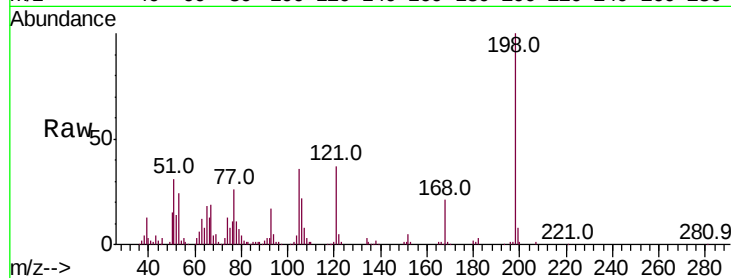
Tot Ion:198 Resp: 156892

Ion Ratio Lower Upper

198 100

51 31.0 16.5 56.5

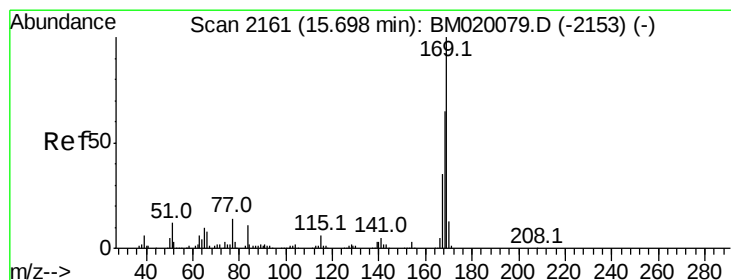
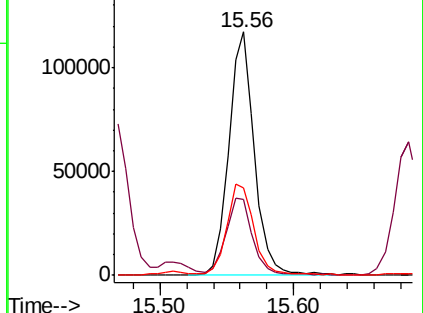
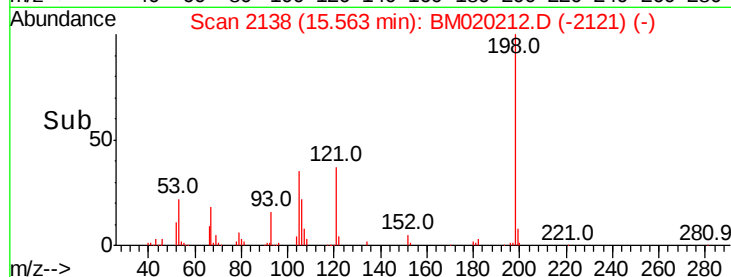
105 35.7 22.8 62.8



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: 40.407 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

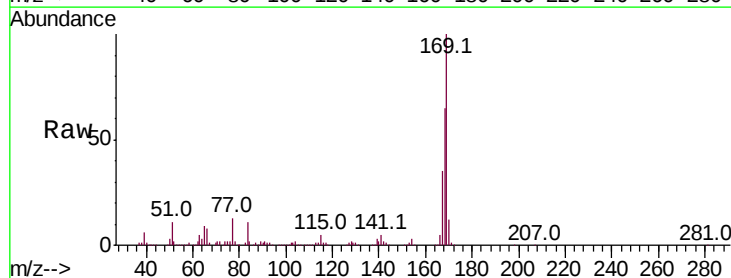
Tgt Ion:169 Resp: 781448

Ion Ratio Lower Upper

169 100

168 65.4 51.9 77.9

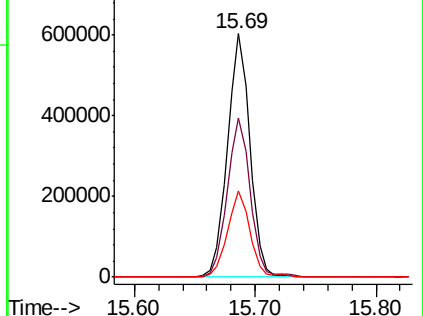
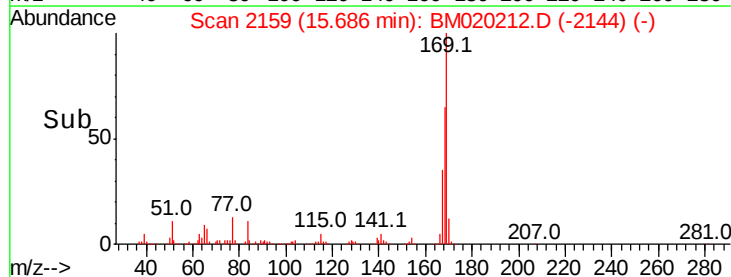
167 35.3 27.8 41.6

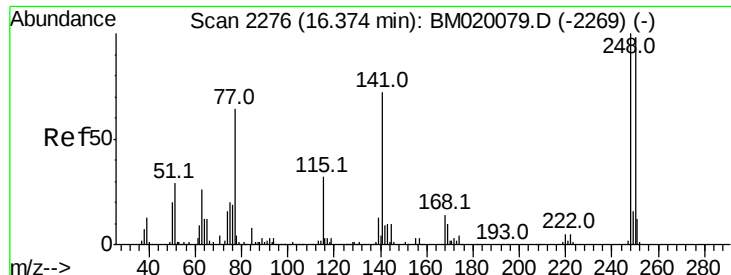


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

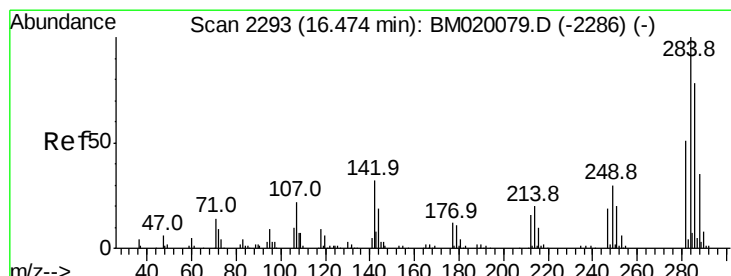
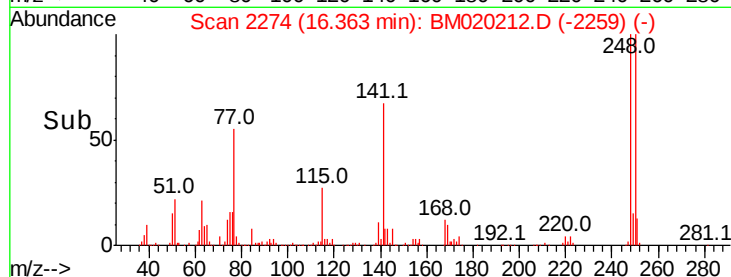
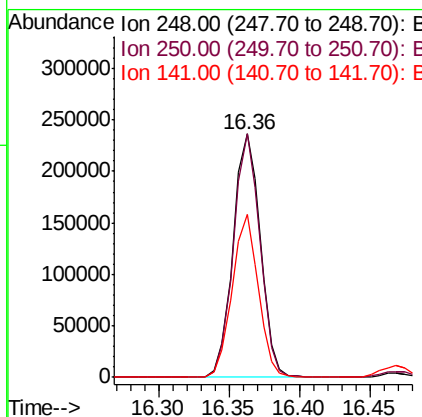
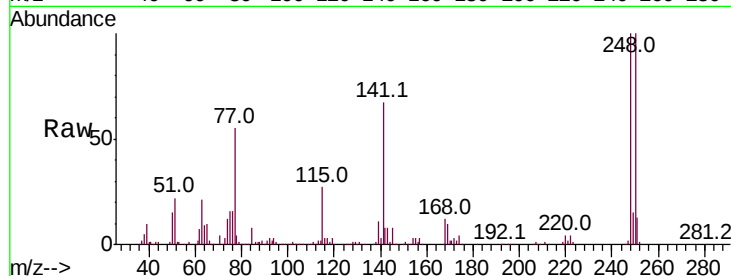




#67
 4-Bromophenyl-phenylether
 Concen: 39.607 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

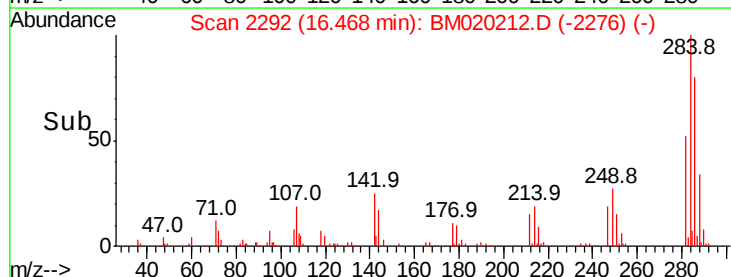
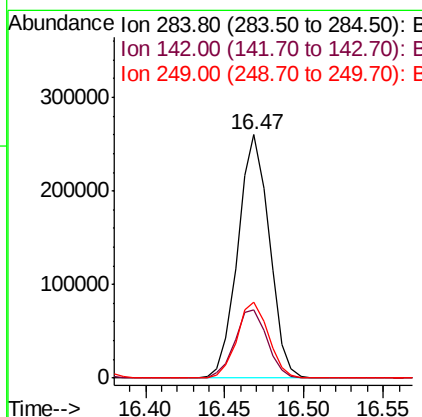
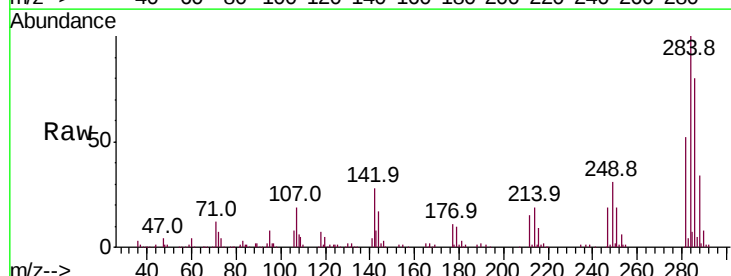
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

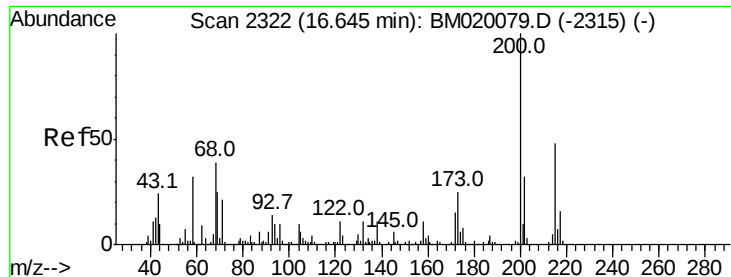
Tot Ion:248 Resp: 319211
 Ion Ratio Lower Upper
 248 100
 250 99.9 78.4 117.6
 141 67.0 57.4 86.2



#68
 Hexachlorobenzene
 Concen: 38.699 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:284 Resp: 358904
 Ion Ratio Lower Upper
 284 100
 142 28.0 25.2 37.8
 249 31.4 23.6 35.4





#69

Atrazine

Concen: 38.847 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

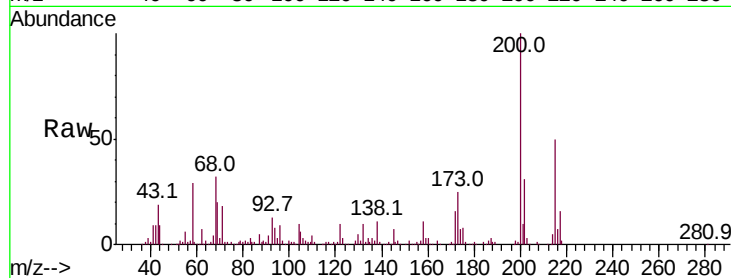
Tot Ion:200 Resp: 293597

Ion Ratio Lower Upper

200 100

173 24.7 4.6 44.6

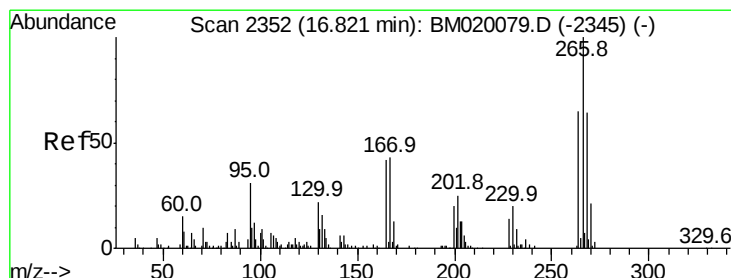
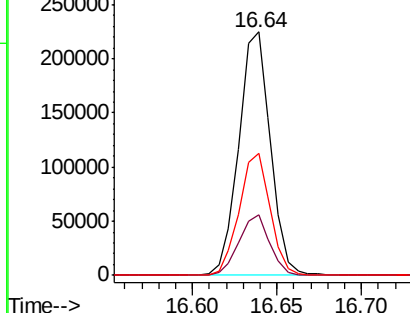
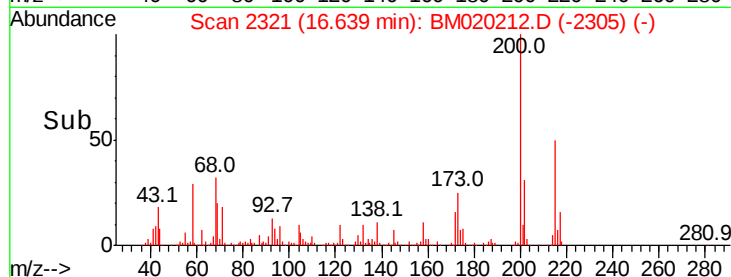
215 50.1 28.0 68.0



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: 84.039 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

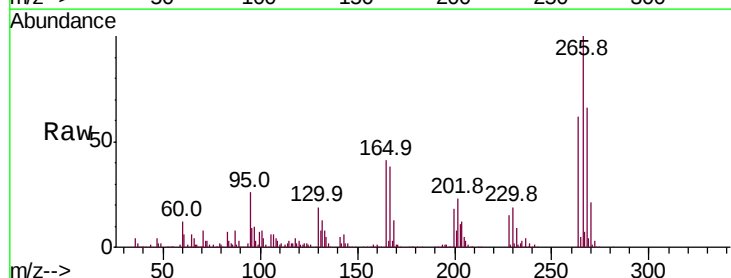
Tgt Ion:266 Resp: 445946

Ion Ratio Lower Upper

266 100

268 65.6 51.4 77.0

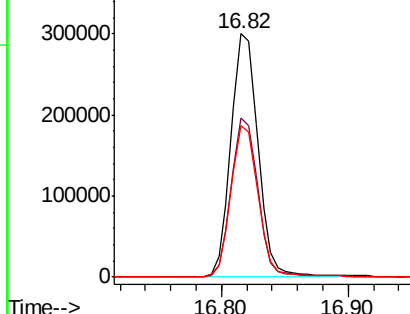
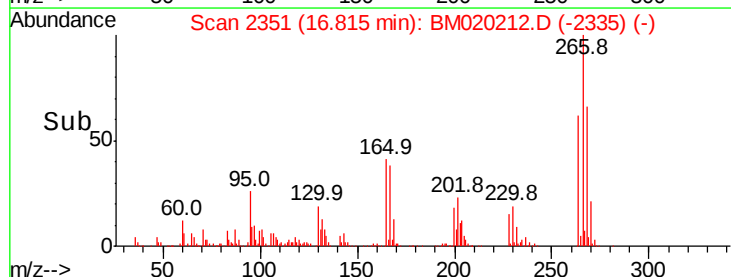
264 62.4 52.0 78.0

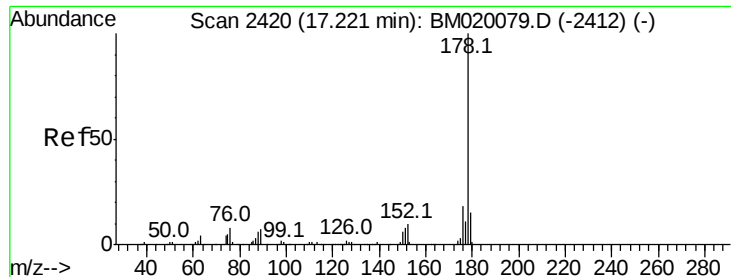


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

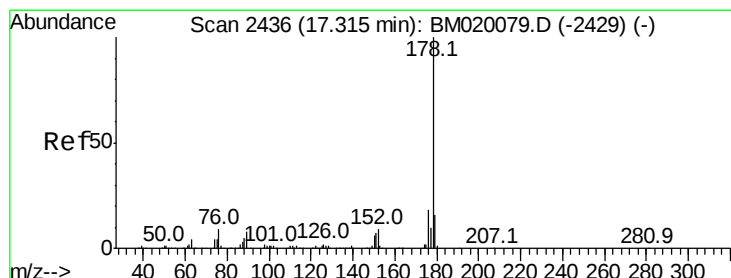
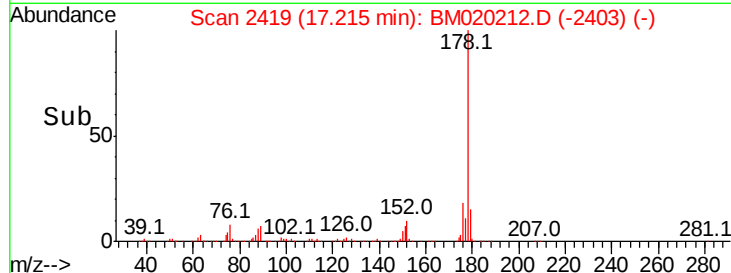
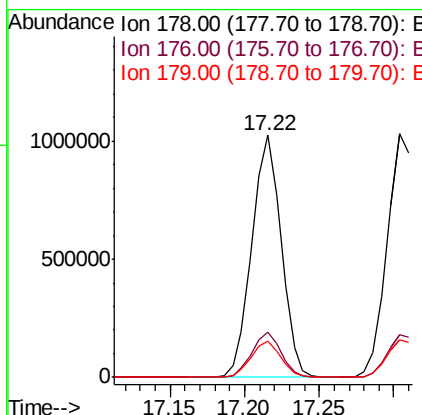
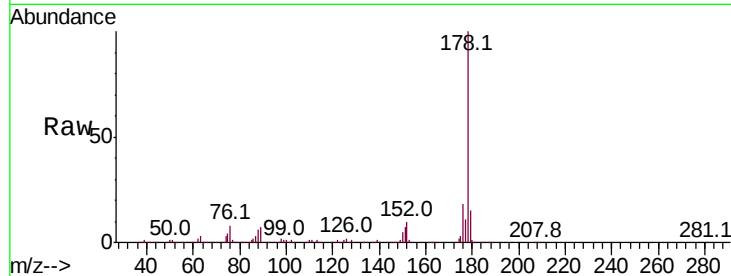




#71
Phenanthrene
Concen: 38.398 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

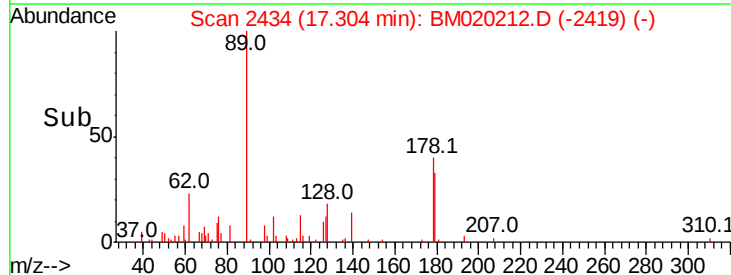
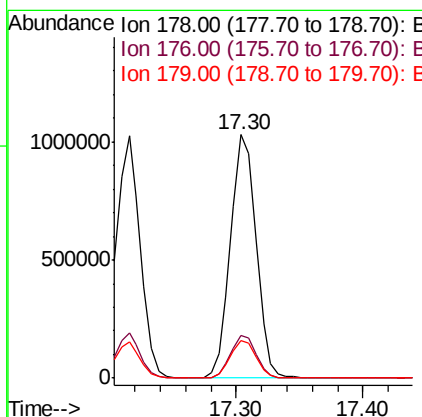
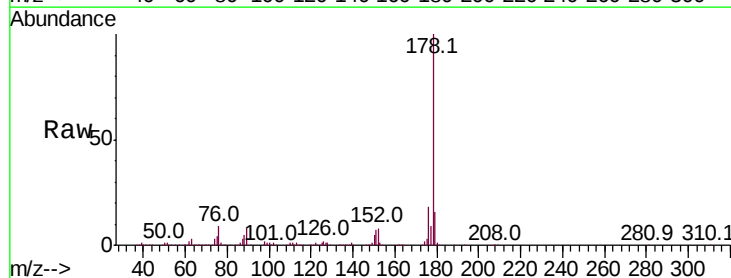
Instrument :
BNA_M
ClientSampleId :
PB119288BS

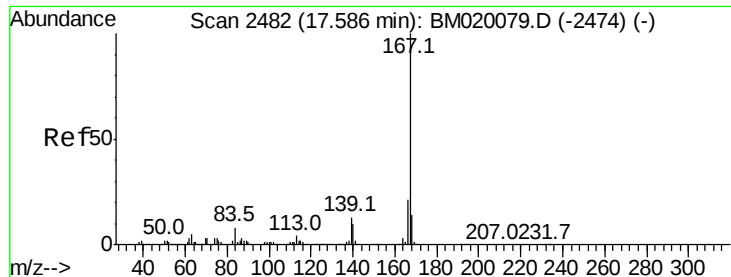
Tot Ion:178 Resp: 1393071
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.4 18.6



#72
Anthracene
Concen: 39.593 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:178 Resp: 1436170
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 15.6 12.4 18.6

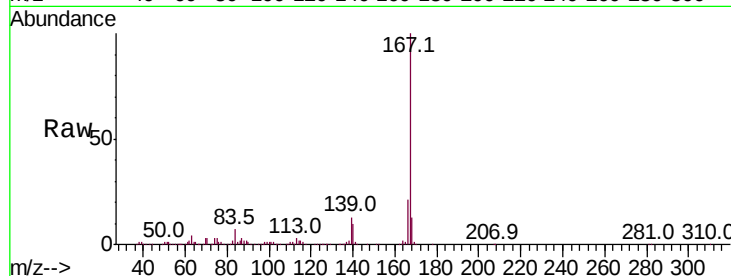




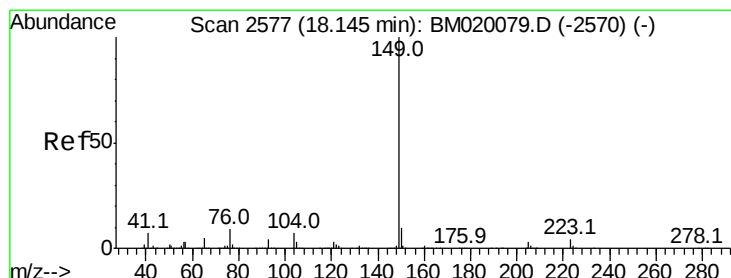
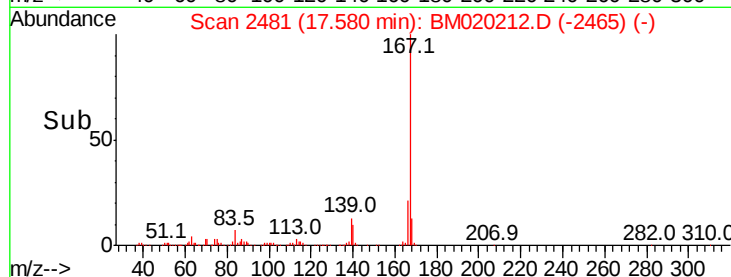
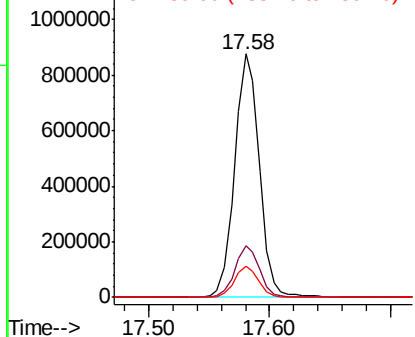
#73
 Carbazole
 Concen: 38.134 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion:167 Resp: 1248126
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.7 10.6 16.0

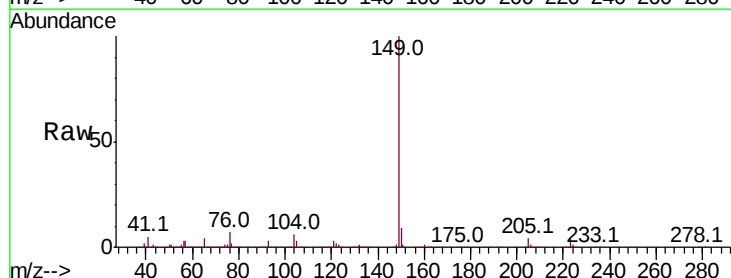


Abundance Ion 167.00 (166.70 to 167.70): E
 1200000 Ion 166.00 (165.70 to 166.70): E
 1000000 Ion 139.00 (138.70 to 139.70): E

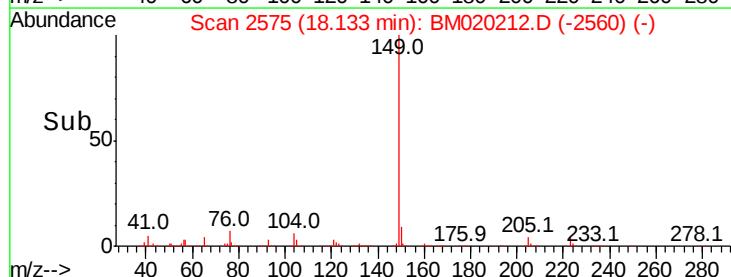
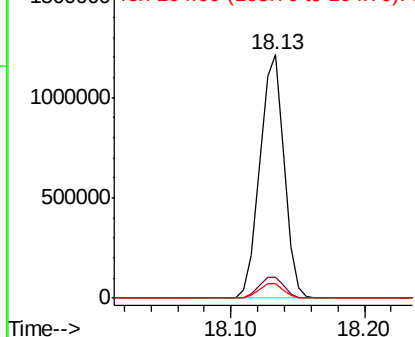


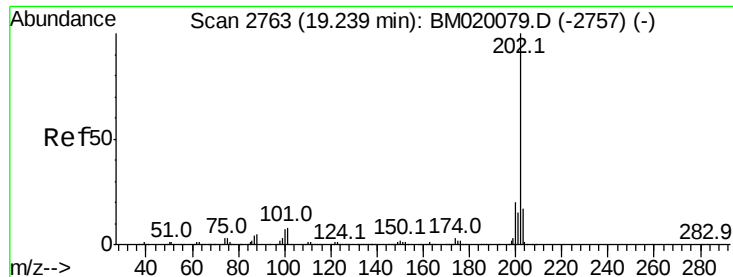
#74
 Di-n-butylphthalate
 Concen: 38.323 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BM020212.D
 Acq: 09 May 2019 12:03

Tgt Ion:149 Resp: 1509496
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.6
 104 5.9 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 150.00 (149.70 to 150.70): E
 1000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.137 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

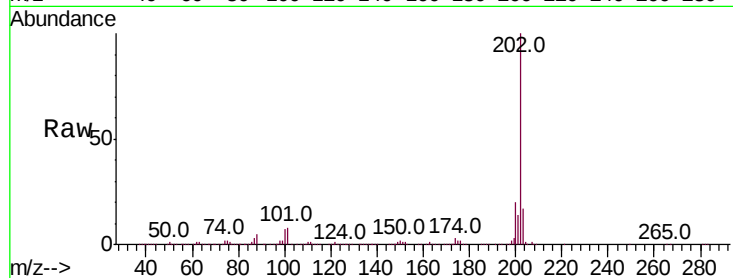
Tot Ion:202 Resp: 1750633

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.4
203	17.1	0.0	37.4

202 100

101 8.3 0.0 28.4

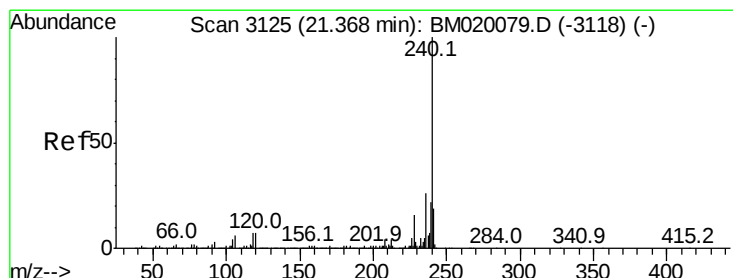
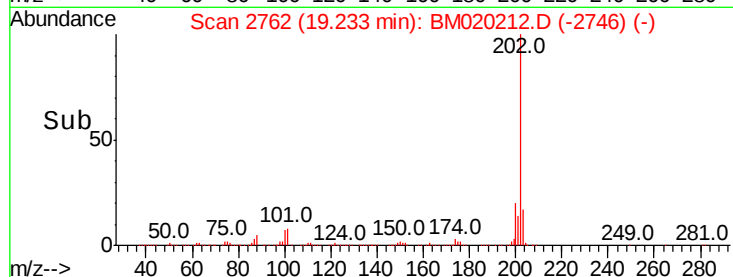
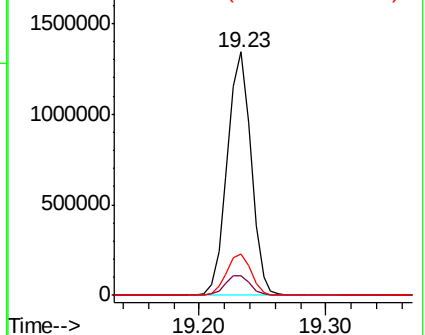
203 17.1 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

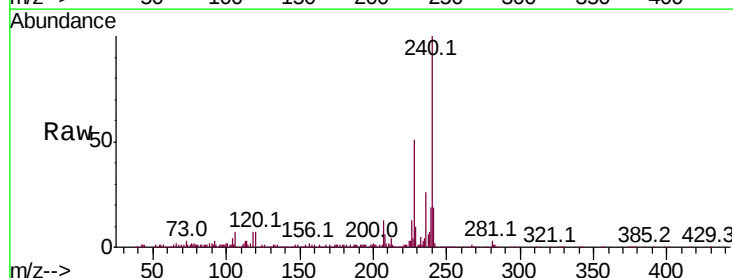
Tgt Ion:240 Resp: 668482

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	25.7	20.9	31.3

240 100

120 7.2 5.6 8.4

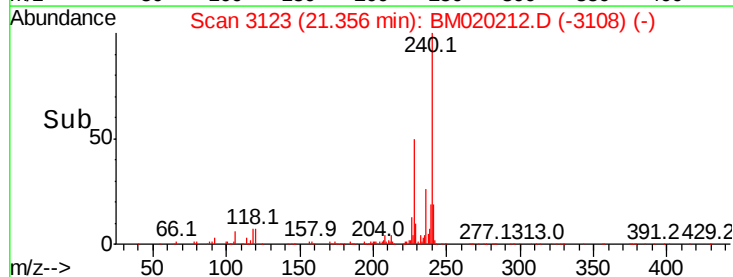
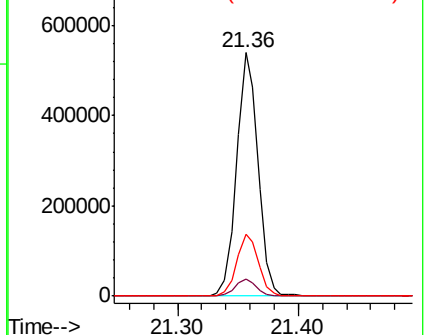
236 25.7 20.9 31.3

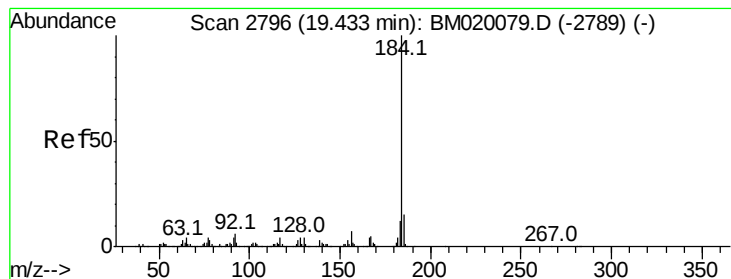


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.947 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

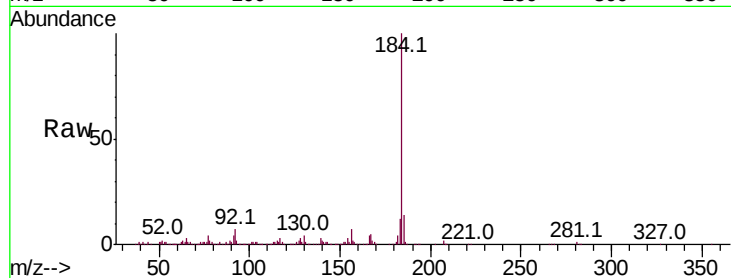
Tot Ion:184 Resp: 832369

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

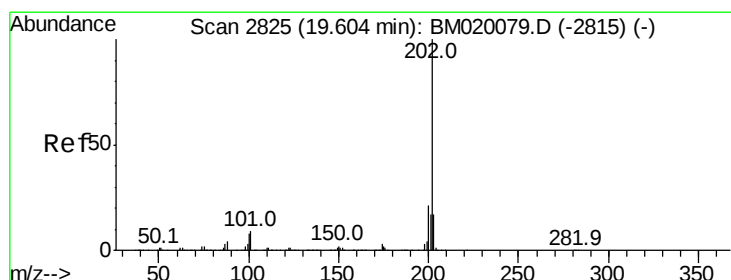
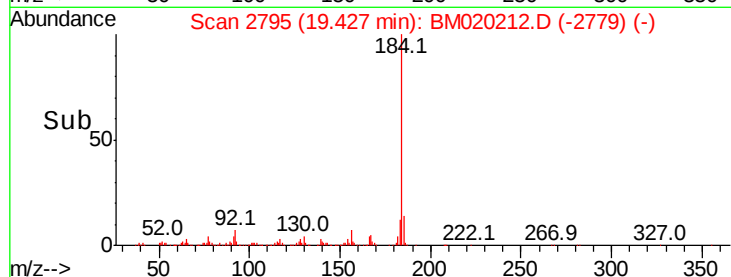
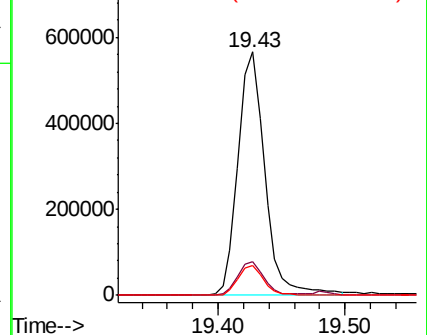
183 12.3 9.5 14.3



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: 39.407 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

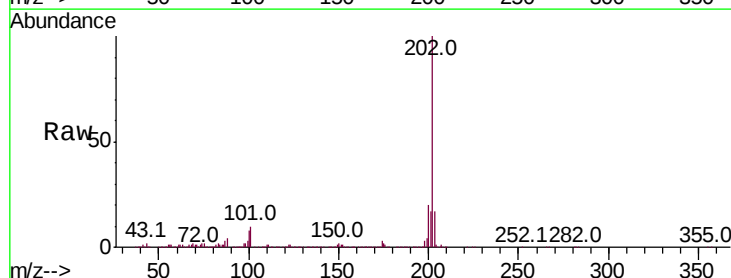
Tgt Ion:202 Resp: 1768631

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

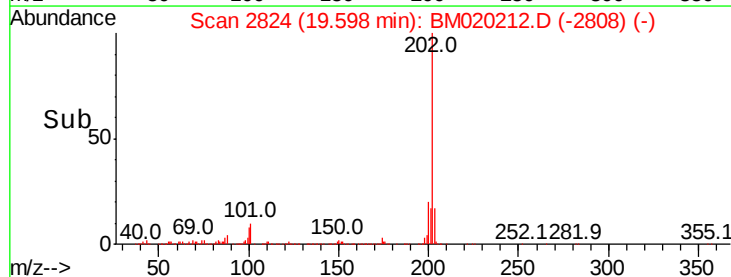
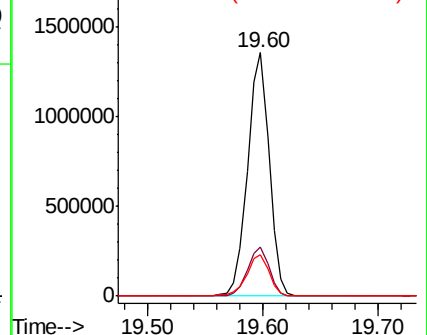
203 17.0 13.9 20.9

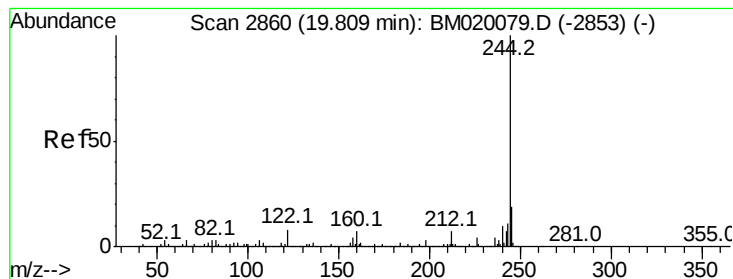


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.318 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

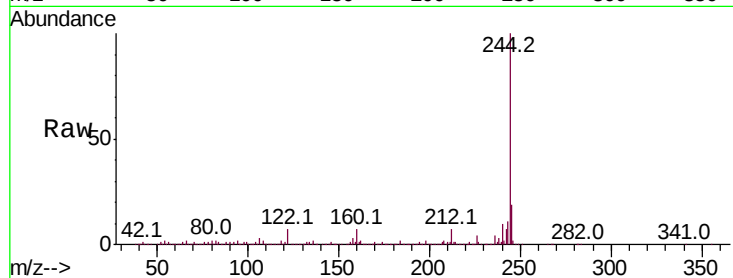
Tot Ion:244 Resp: 2924918

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.2	6.2	9.2

244 100

212 6.7 5.7 8.5

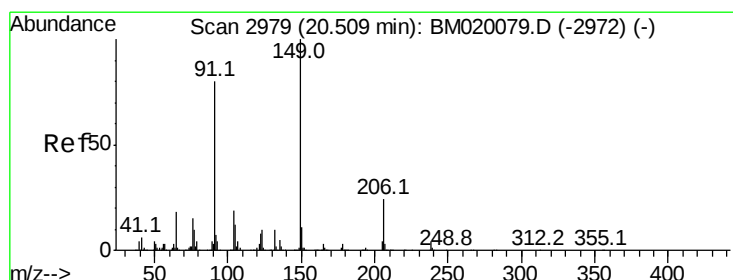
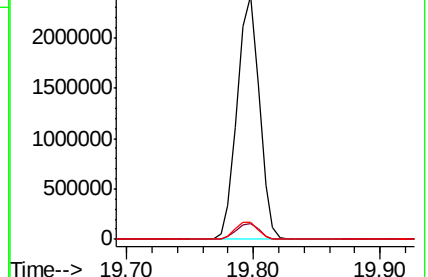
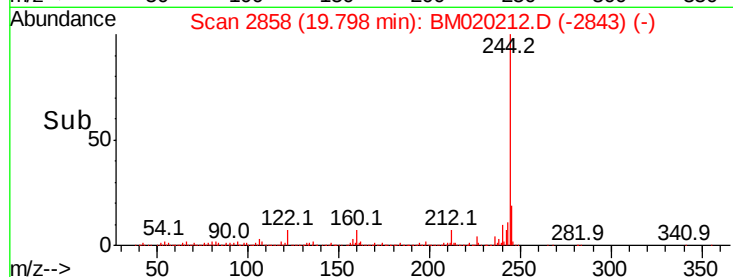
122 7.2 6.2 9.2



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: 43.374 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

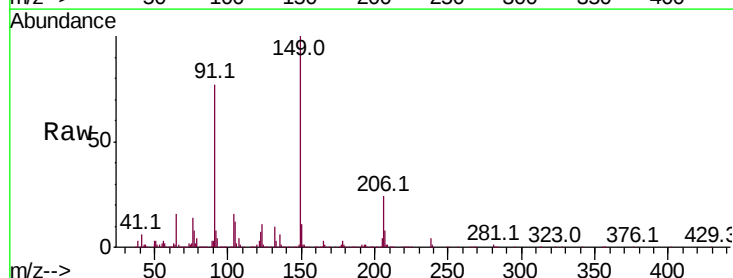
Tgt Ion:149 Resp: 707911

Ion	Ratio	Lower	Upper
149	100		
91	77.0	63.8	95.8
206	24.1	18.9	28.3

149 100

91 77.0 63.8 95.8

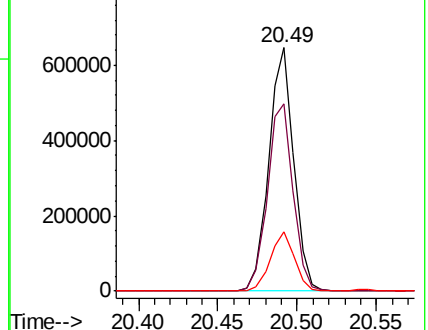
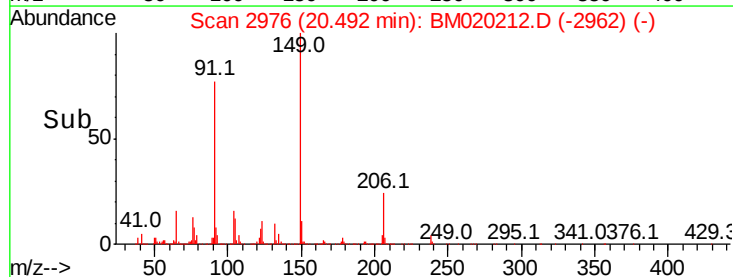
206 24.1 18.9 28.3

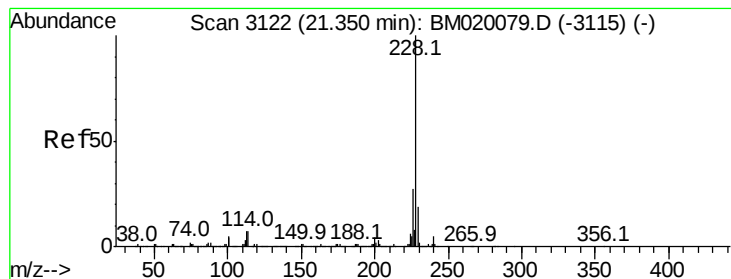


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.159 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

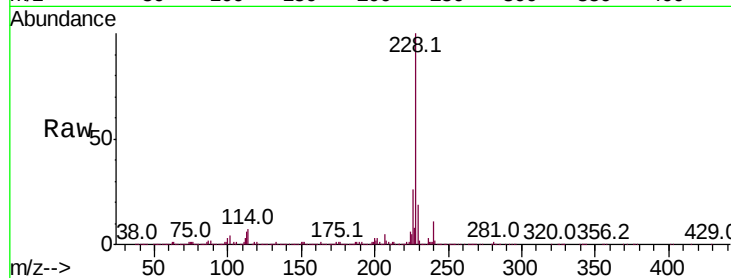
Tot Ion:228 Resp: 1742012

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	19.5	15.5	23.3

228 100

226 26.1 21.3 31.9

229 19.5 15.5 23.3

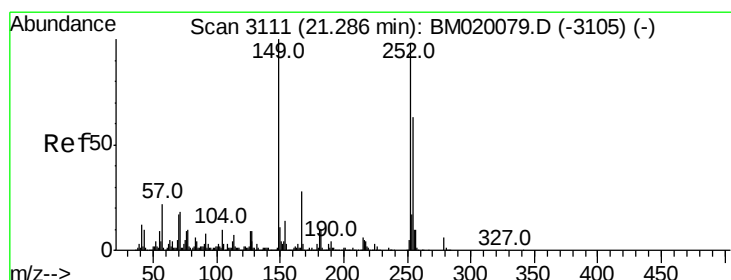
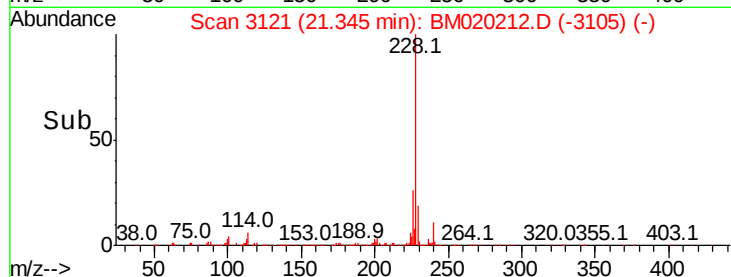
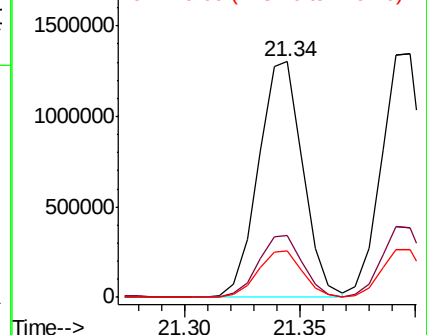


Abundance

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: 32.533 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

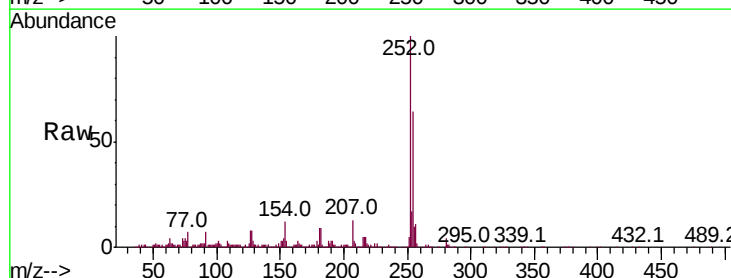
Tgt Ion:252 Resp: 582096

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.1	76.7
126	7.9	7.1	10.7

252 100

254 64.2 51.1 76.7

126 7.9 7.1 10.7

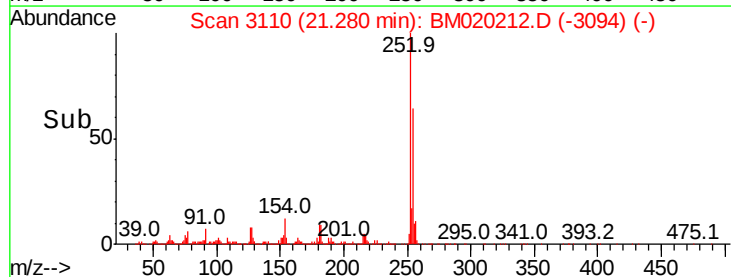
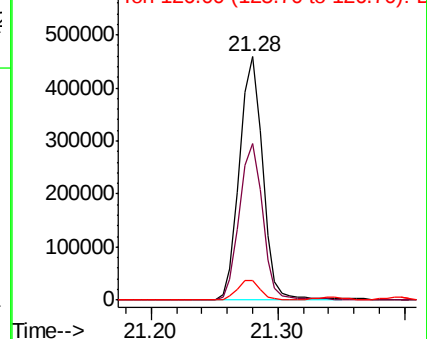


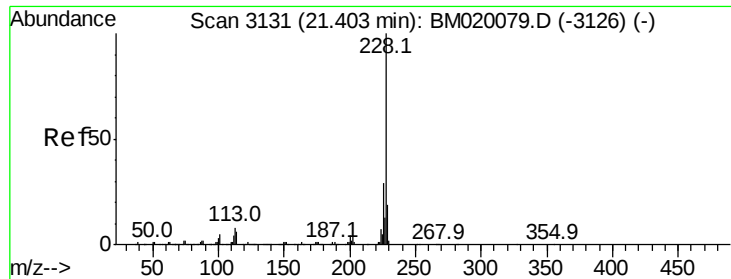
Abundance

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: 37.874 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

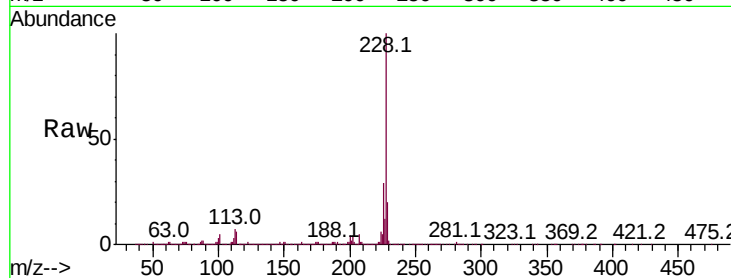
BNA_M

ClientSampleId :

PB119288BS

Tot Ion:228 Resp: 1721967

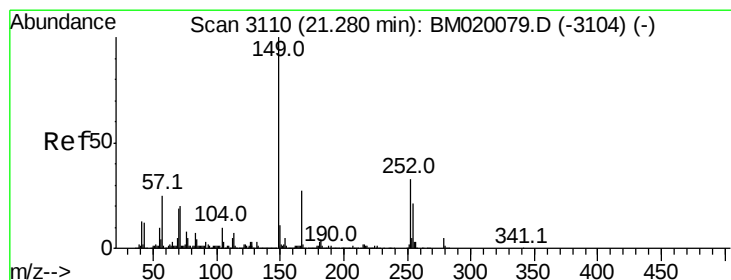
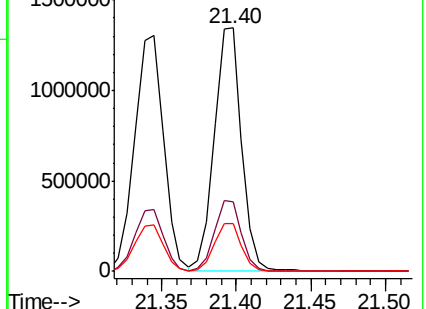
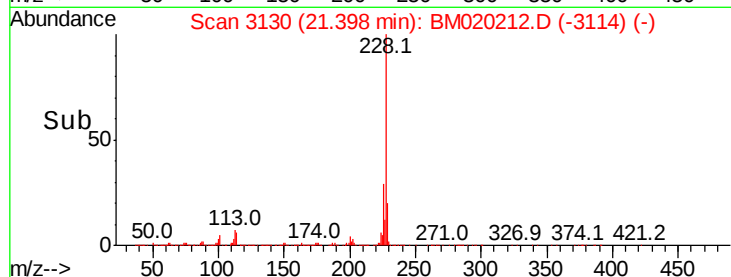
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.7	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.271 ng

RT: 21.26 min Scan# 3106

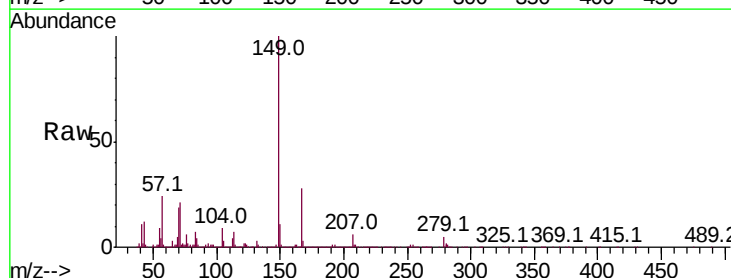
Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion:149 Resp: 1019897

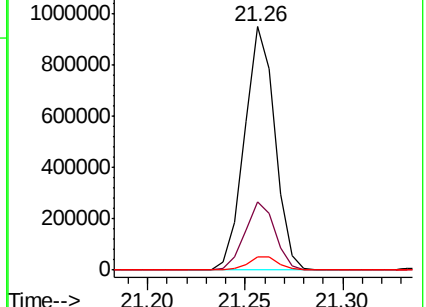
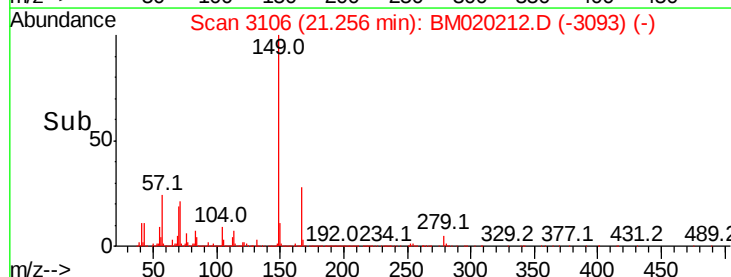
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.3	4.2	6.2

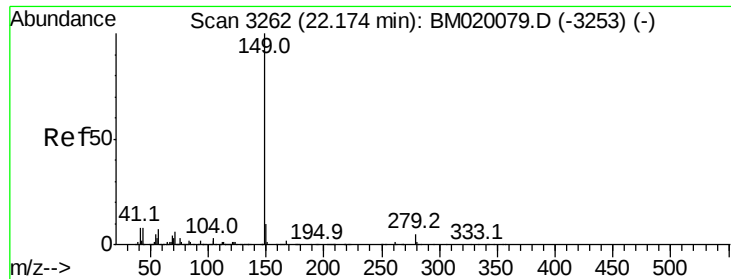


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.087 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

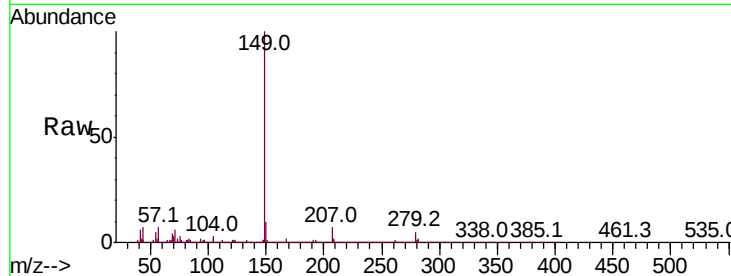
Tot Ion:149 Resp: 1771577

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.8 6.5 9.7

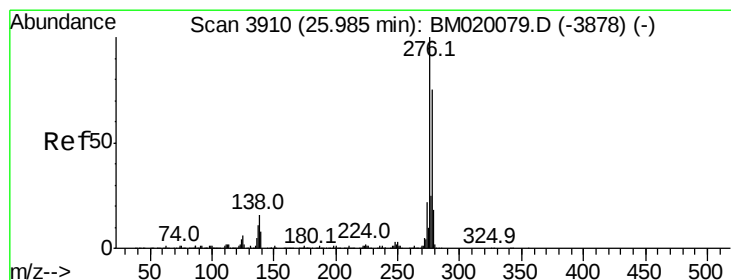
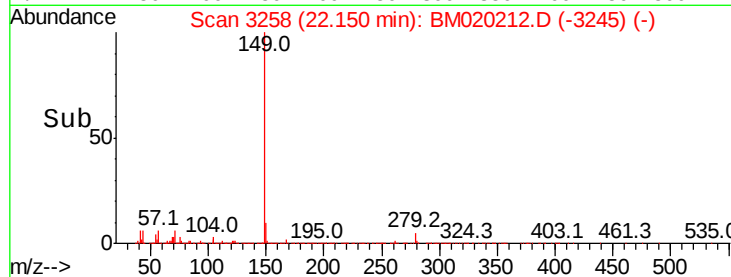
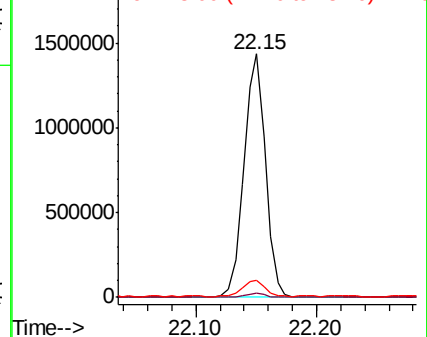


Abundance

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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.378 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

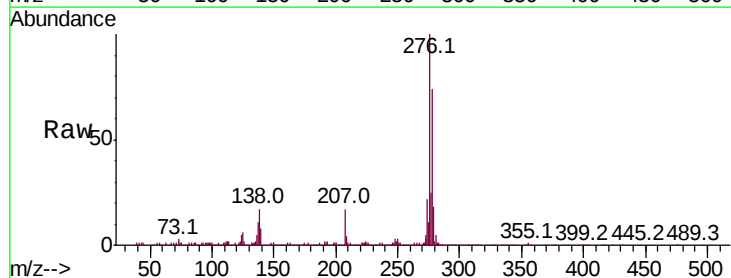
Tgt Ion:276 Resp: 2291826

Ion Ratio Lower Upper

276 100

138 16.7 0.0 0.0#

277 25.4 0.0 0.0#

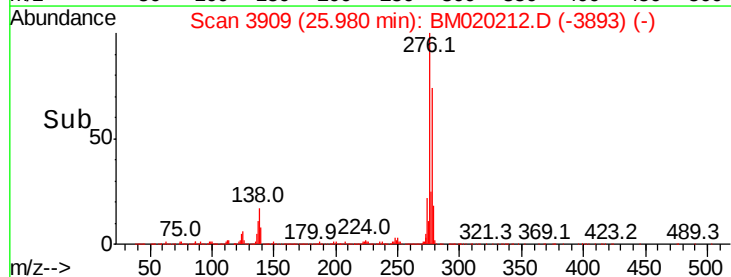
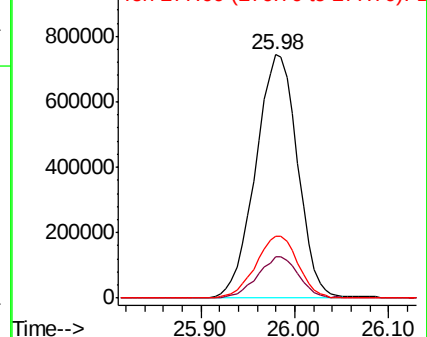


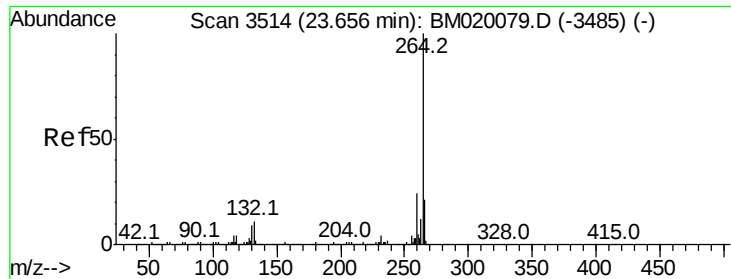
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :

BNA_M

ClientSampleId :

PB119288BS

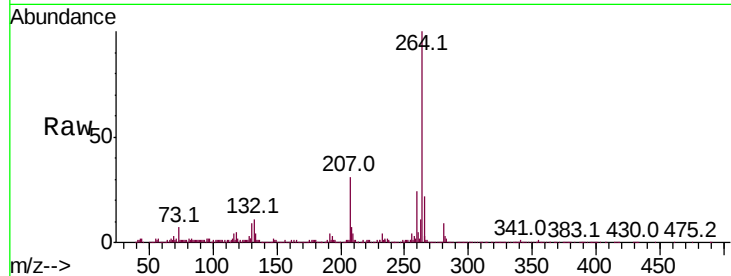
Tot Ion:264 Resp: 753100

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

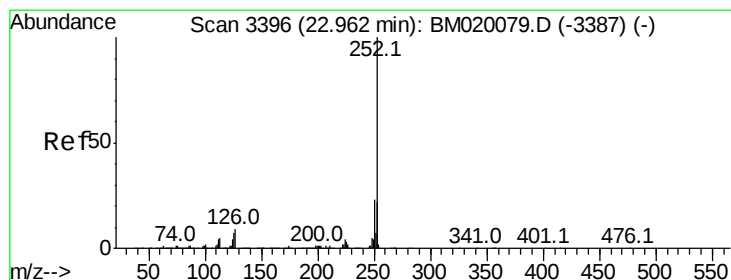
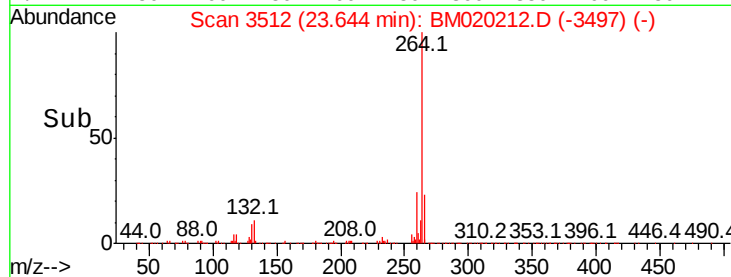
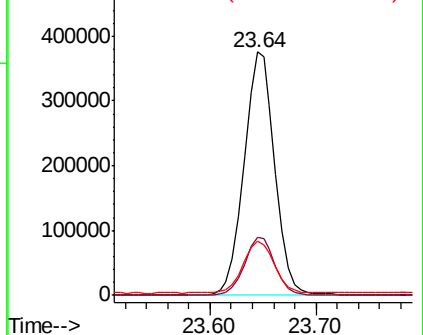
265 22.5 16.9 25.3



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: 37.542 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020212.D

Acq: 09 May 2019 12:03

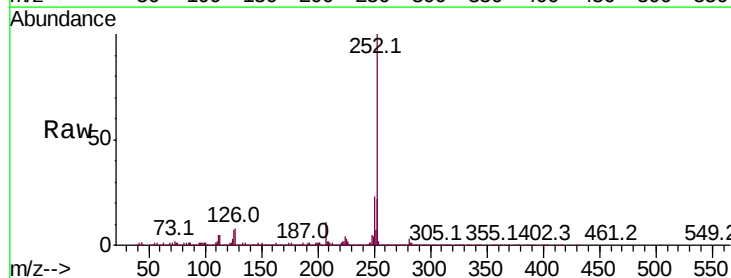
Tgt Ion:252 Resp: 1866979

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

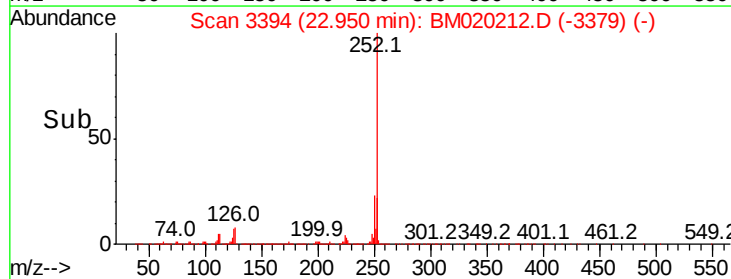
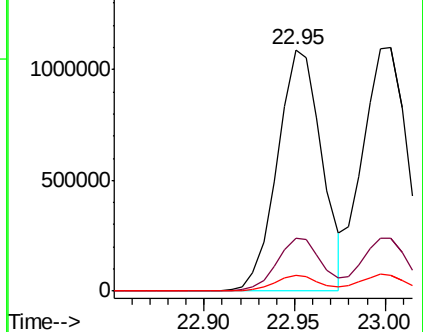
125 6.7 5.4 8.2

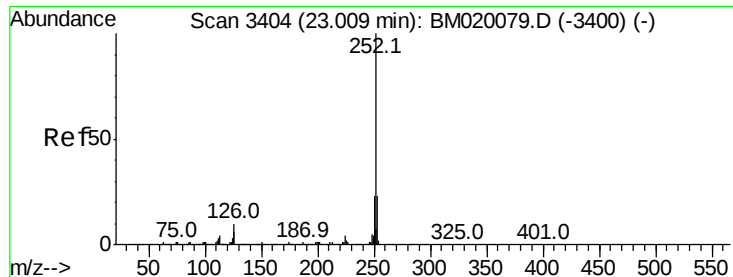


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.417 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

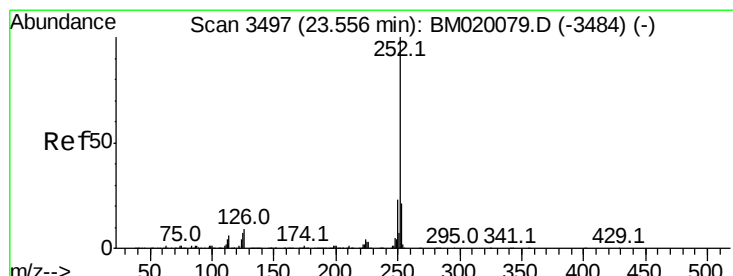
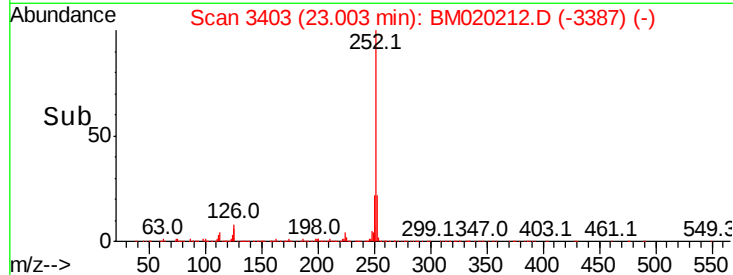
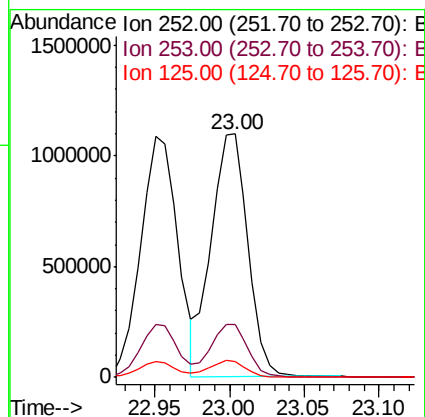
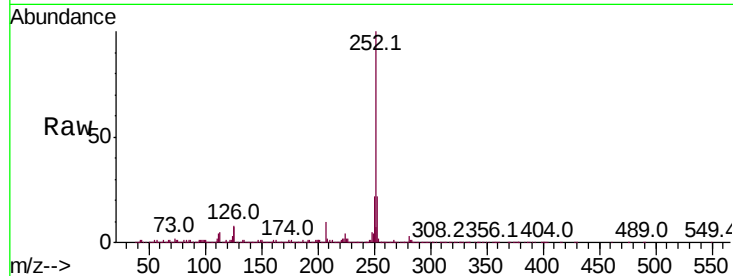
Lab File: BM020212.D

Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:252 Resp: 1878834

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	6.5	5.4	8.0



#90

Benzo(a)pyrene

Concen: 41.243 ng

RT: 23.55 min Scan# 3496

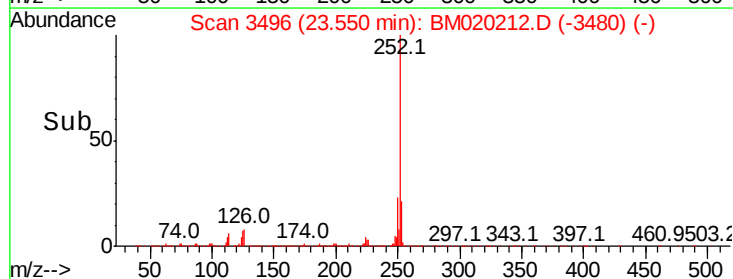
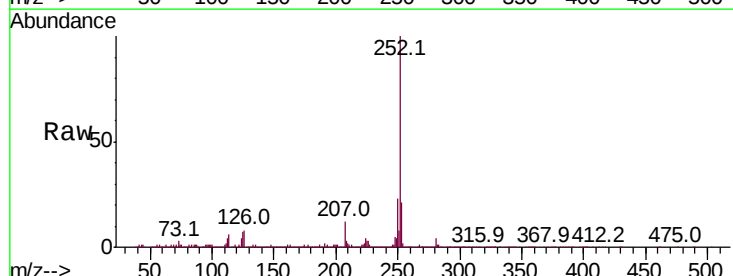
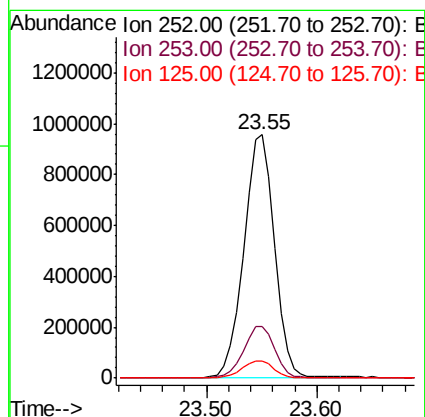
Delta R.T. -0.01 min

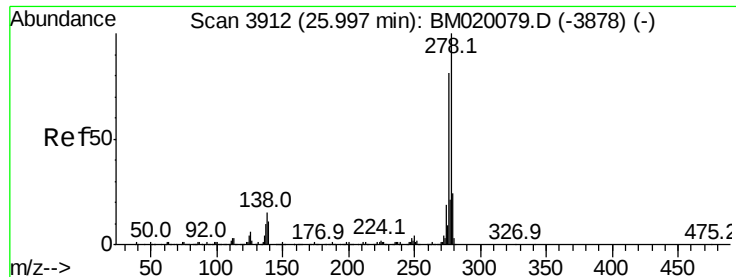
Lab File: BM020212.D

Acq: 09 May 2019 12:03

Tgt Ion:252 Resp: 1863017

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	7.1	5.5	8.3

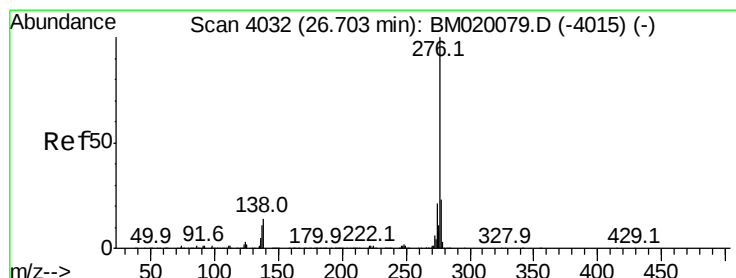
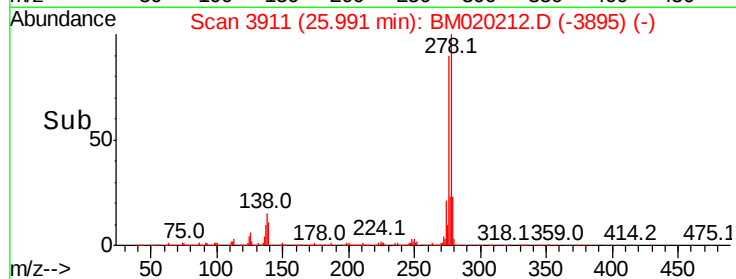
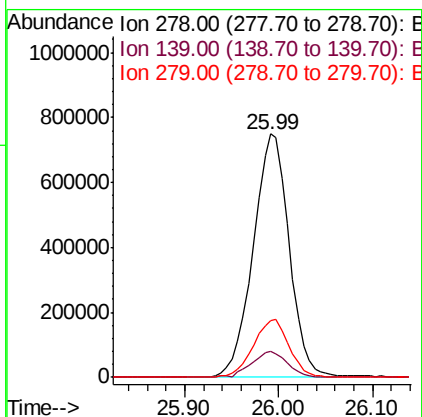
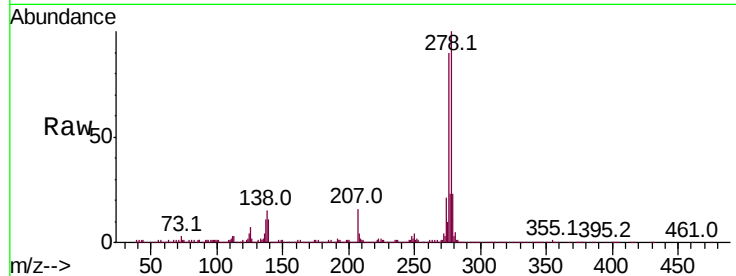




#91
Dibenzo(a,h)anthracene
Concen: 42.284 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:278 Resp: 1986347
Ion Ratio Lower Upper
278 100
139 10.8 8.6 13.0
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.244 ng
RT: 26.70 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM020212.D
Acq: 09 May 2019 12:03

Tgt Ion:276 Resp: 1928688
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 13.9 11.1 16.7

