

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024635.D
 Acq On : 28 Jan 2020 11:07
 Operator : CG/JU
 Sample : PB126361BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 14:46:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	326756	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1199881	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	807174	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1685557	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1218125	20.00	ng	0.00
87) Perylene-d12	23.16	264	1102307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2278784	132.63	ng	0.00
7) Phenol-d6	6.65	99	2793330	118.02	ng	0.00
23) Nitrobenzene-d5	8.59	82	1572657	64.28	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1604484	122.20	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4396646	74.05	ng	0.00
79) Terphenyl-d14	19.50	244	6066079	92.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	284605	41.874	ng	93
3) Pyridine	3.46	79	617597	31.345	ng	94
4) n-Nitrosodimethylamine	3.37	42	285477	32.642	ng	85
6) Aniline	6.79	93	1007958	34.982	ng	96
8) 2-Chlorophenol	7.02	128	875554	44.764	ng	91
9) Benzaldehyde	6.59	77	387686	27.721	ng	91
10) Phenol	6.67	94	984744	41.738	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	733327	38.825	ng	95
12) 1,3-Dichlorobenzene	7.33	146	987260	41.087	ng	97
13) 1,4-Dichlorobenzene	7.48	146	1012537	41.537	ng	96
14) 1,2-Dichlorobenzene	7.79	146	948857	40.325	ng	97
15) Benzyl Alcohol	7.69	79	714857	36.632	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	545163	31.528	ng	96
17) 2-Methylphenol	7.90	107	689632	41.478	ng	96
18) Hexachloroethane	8.50	117	352406	37.437	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	576260	32.427	ng	94
20) 3+4-Methylphenols	8.23	107	923203	40.112	ng	97
22) Acetophenone	8.26	105	1173027	37.914	ng	96
24) Nitrobenzene	8.63	77	884956	37.744	ng	92
25) Isophorone	9.16	82	1577386	37.943	ng	96
26) 2-Nitrophenol	9.33	139	499169	45.978	ng	90
27) 2,4-Dimethylphenol	9.41	122	780692	52.917	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	976109	38.436	ng	99
29) 2,4-Dichlorophenol	9.86	162	948796	47.601	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1063818	44.254	ng	99
31) Naphthalene	10.25	128	2573269	42.461	ng	99
32) Benzoic acid	9.58	122	491574	36.425	ng	94
33) 4-Chloroaniline	10.36	127	462193	17.399	ng	96
34) Hexachlorobutadiene	10.55	225	705498	42.454	ng	99
35) Caprolactam	11.16	113	134924	21.099	ng	88
36) 4-Chloro-3-methylphenol	11.51	107	851194	40.161	ng	93
37) 2-Methylnaphthalene	11.87	142	1989128	42.532	ng	98
38) 1-Methylnaphthalene	12.10	142	1872907	42.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1224749	42.514	ng	99

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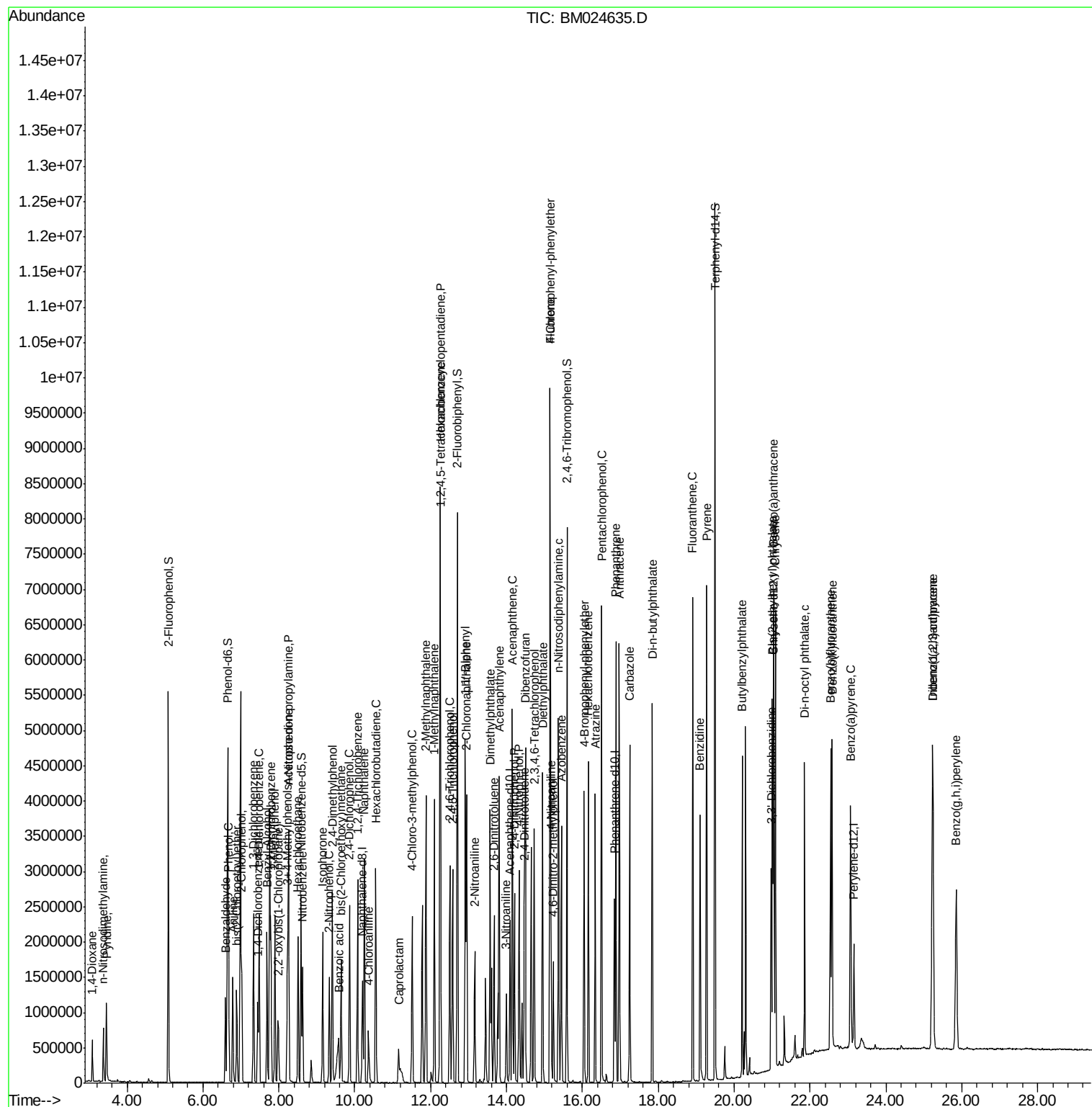
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1937394	119.982	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	819888	44.724	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	868815	46.406	ng	96
46) 1,1'-Biphenyl	12.92	154	2605448	42.653	ng	99
47) 2-Chloronaphthalene	12.95	162	2087198	42.324	ng	97
48) 2-Nitroaniline	13.16	65	471621	31.357	ng #	81
49) Acenaphthylene	13.81	152	3206685	43.437	ng	100
50) Dimethylphthalate	13.57	163	2582677	39.569	ng	100
51) 2,6-Dinitrotoluene	13.67	165	577654	41.627	ng #	83
52) Acenaphthene	14.16	154	1887775	41.209	ng	99
53) 3-Nitroaniline	14.00	138	360287	25.032	ng	94
54) 2,4-Dinitrophenol	14.21	184	667656	80.457	ng #	88
55) Dibenzofuran	14.50	168	3135711	41.972	ng	96
56) 4-Nitrophenol	14.34	139	884551	78.622	ng #	84
57) 2,4-Dinitrotoluene	14.47	165	779296	39.184	ng #	86
58) Fluorene	15.15	166	2477034	39.453	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	797703	42.015	ng #	95
60) Diethylphthalate	14.95	149	2459260	37.113	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1422163	39.290	ng	98
62) 4-Nitroaniline	15.17	138	502223	31.612	ng	89
63) Azobenzene	15.45	77	1936334	34.258	ng	93
65) 4,6-Dinitro-2-methylphenol	15.24	198	462300	46.647	ng	86
66) n-Nitrosodiphenylamine	15.37	169	2187888	45.188	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	936575	44.681	ng	94
68) Hexachlorobenzene	16.16	284	1073160	44.614	ng	95
69) Atrazine	16.34	200	830865	44.706	ng	98
70) Pentachlorophenol	16.50	266	1279663	87.338	ng	99
71) Phenanthrene	16.89	178	3793595	41.562	ng	99
72) Anthracene	16.97	178	3903279	43.704	ng	99
73) Carbazole	17.25	167	3208965	39.469	ng	99
74) Di-n-butylphthalate	17.84	149	3831816	36.866	ng	99
75) Fluoranthene	18.91	202	4263489	37.425	ng	99
77) Benzidine	19.10	184	2346488	82.715	ng	99
78) Pyrene	19.27	202	4258415	53.029	ng	99
80) Butylbenzylphthalate	20.21	149	1413760	41.956	ng	96
81) Benzo(a)anthracene	21.03	228	3583116	42.381	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	924467	30.397	ng	99
83) Chrysene	21.09	228	3355493	41.594	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1919308	38.603	ng #	98
85) Di-n-octyl phthalate	21.86	149	2819485	34.324	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3292856	37.449	ng	99
88) Benzo(b)fluoranthene	22.54	252	3069010	42.927	ng	99
89) Benzo(k)fluoranthene	22.59	252	3000707	43.000	ng	100
90) Benzo(a)pyrene	23.07	252	2701290	41.558	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2770725	44.911	ng	98
92) Benzo(g,h,i)perylene	25.86	276	2785769	49.729	ng	99

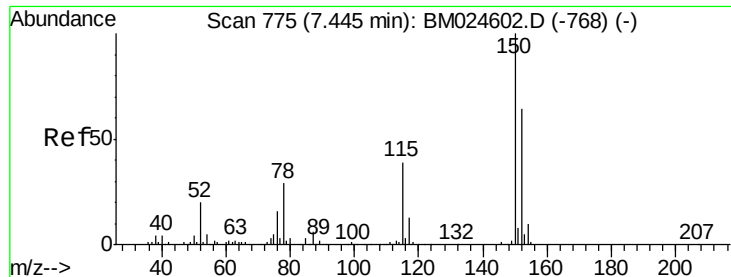
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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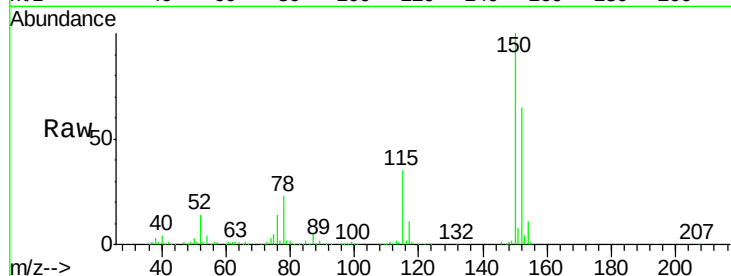


#1

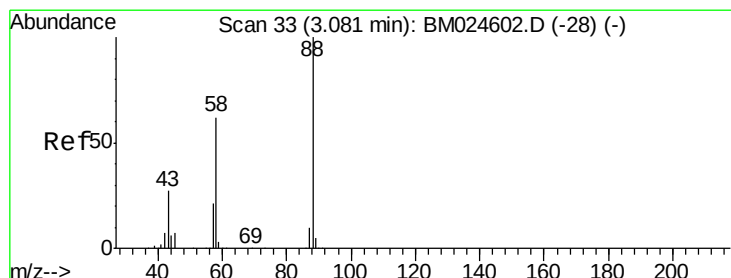
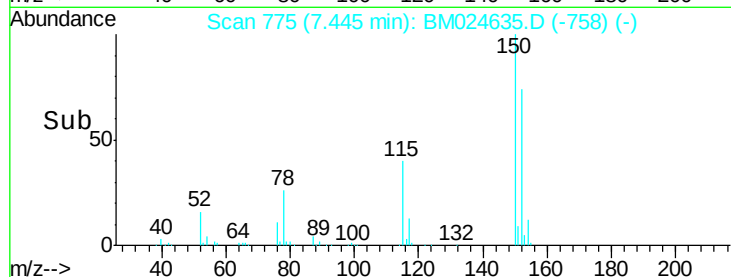
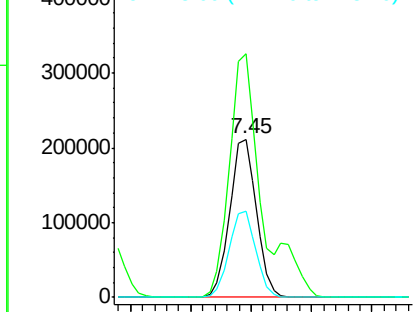
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.4
115	54.3	48.6	72.8



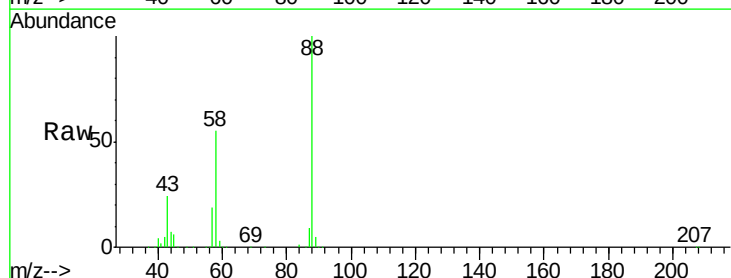
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



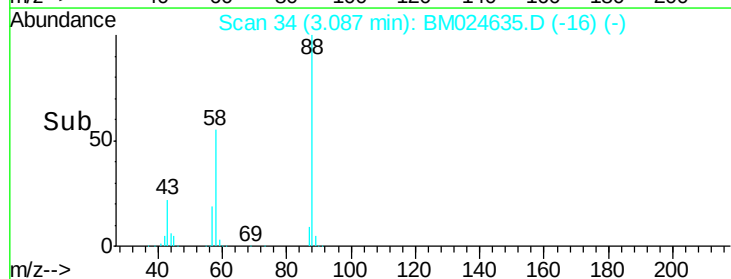
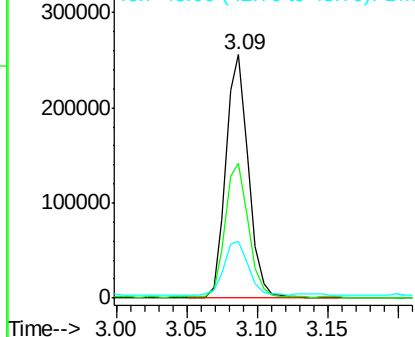
#2

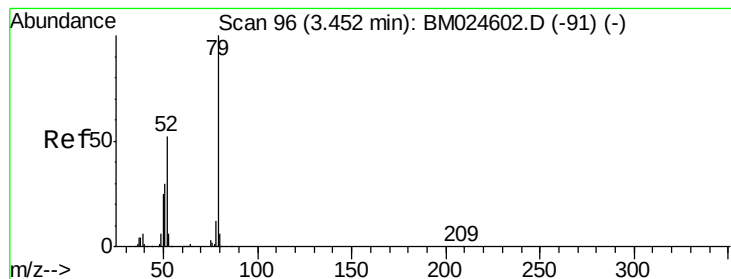
1,4-Dioxane
Concen: 41.874 ng
RT: 3.09 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.1	50.0	75.0
43	23.9	21.6	32.4



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: 31.345 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.01 min

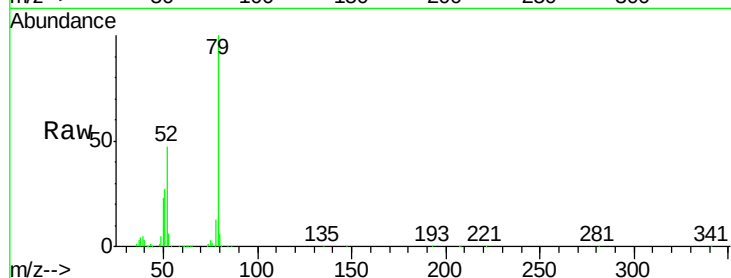
Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :



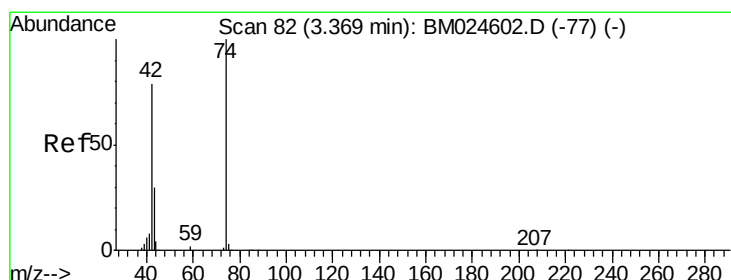
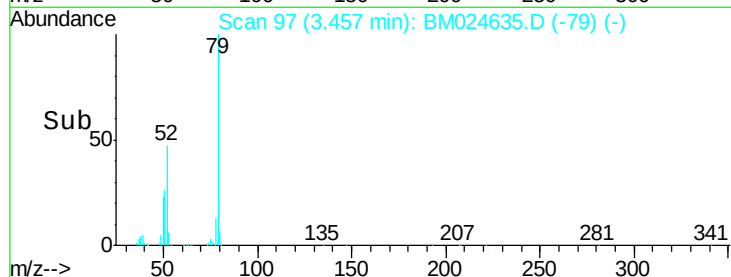
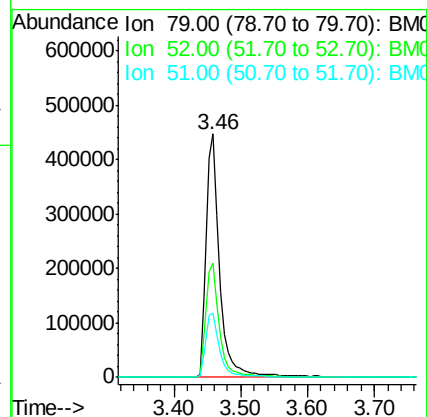
Tot Ion: 79 Resp: 617597

Ion Ratio Lower Upper

79 100

52 47.0 41.4 62.2

51 26.6 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 32.642 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

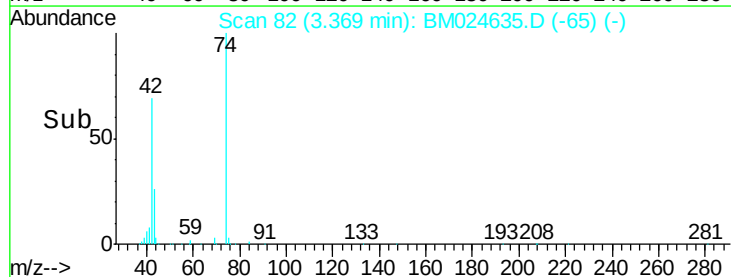
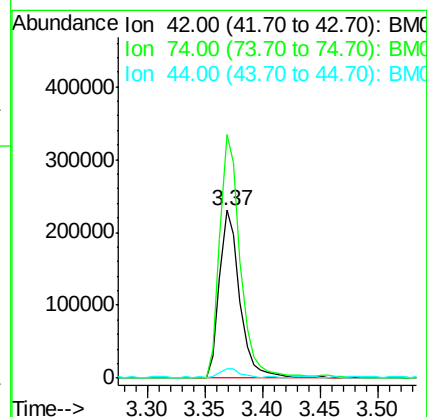
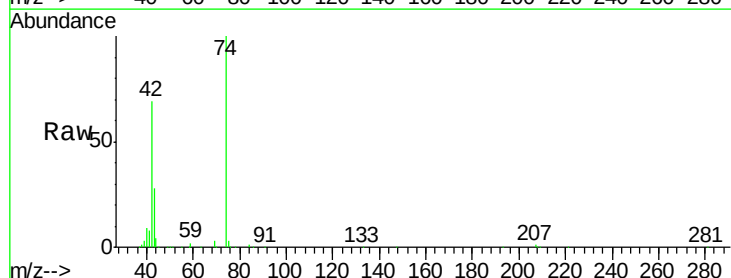
Tgt Ion: 42 Resp: 285477

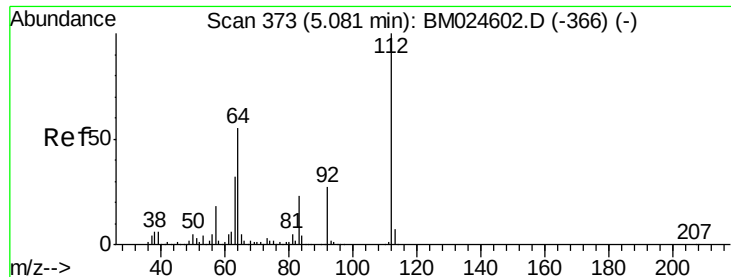
Ion Ratio Lower Upper

42 100

74 145.2 101.4 152.2

44 5.8 4.6 6.8





#5

2-Fluorophenol

Concen: 132.628 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

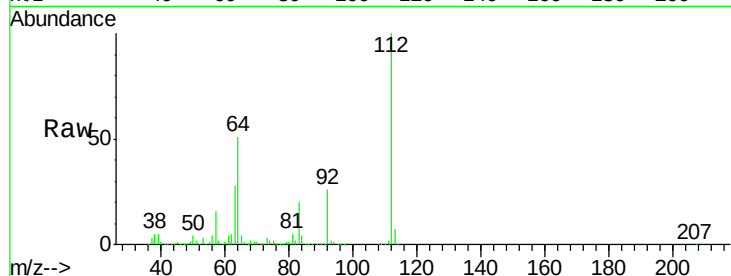
Tot Ion:112 Resp: 2278784

Ion Ratio Lower Upper

112 100

64 51.2 44.2 66.4

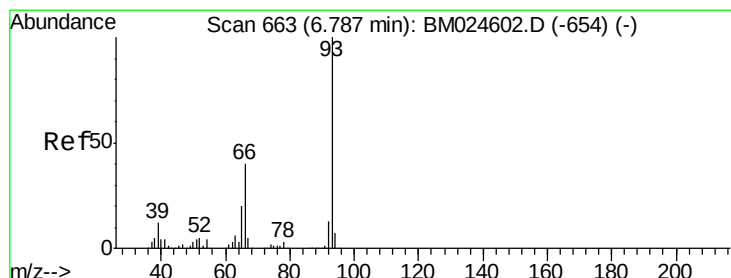
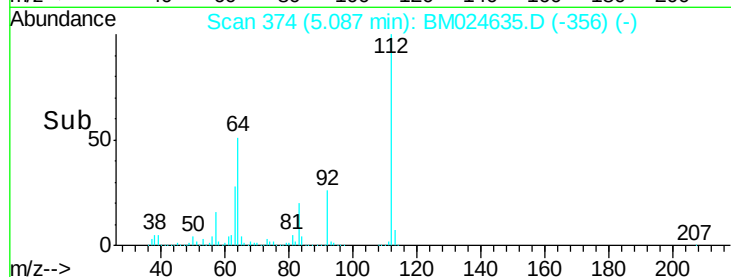
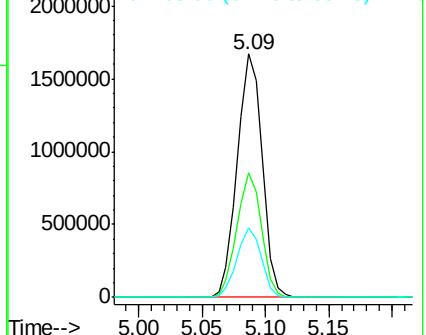
63 28.3 25.9 38.9



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: 34.982 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

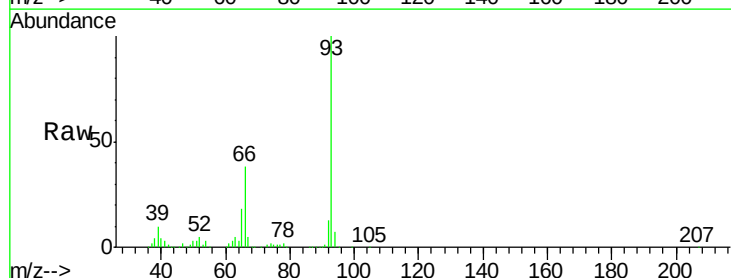
Tgt Ion: 93 Resp: 1007958

Ion Ratio Lower Upper

93 100

66 37.6 31.8 47.8

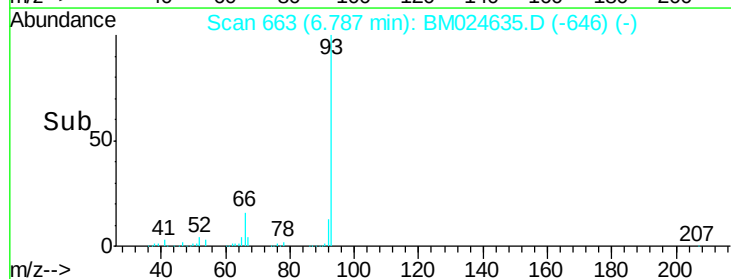
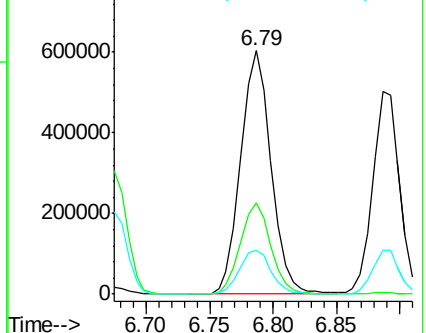
65 18.0 15.8 23.6

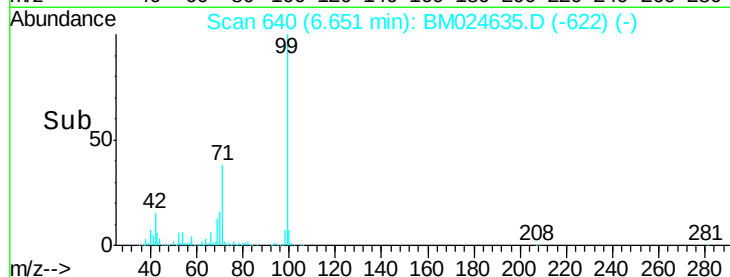
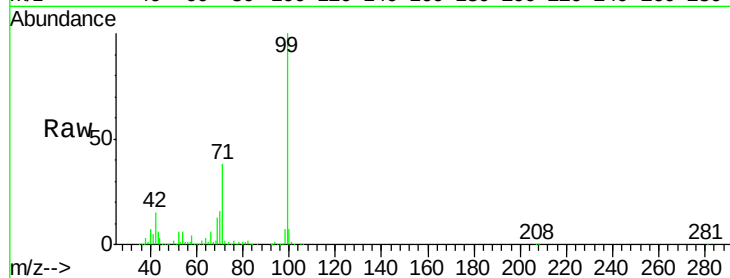
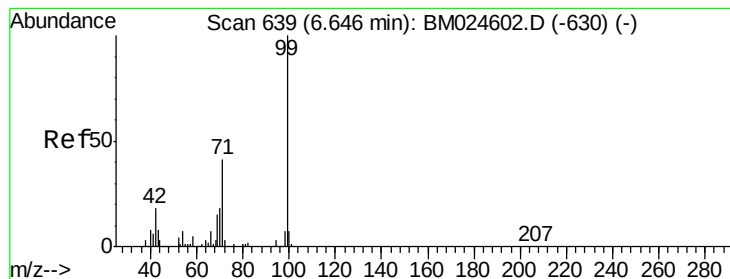


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 118.016 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024635.D

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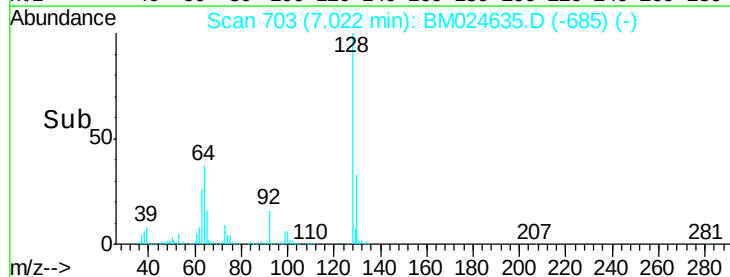
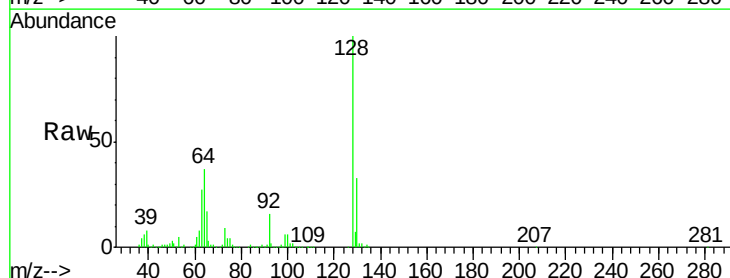
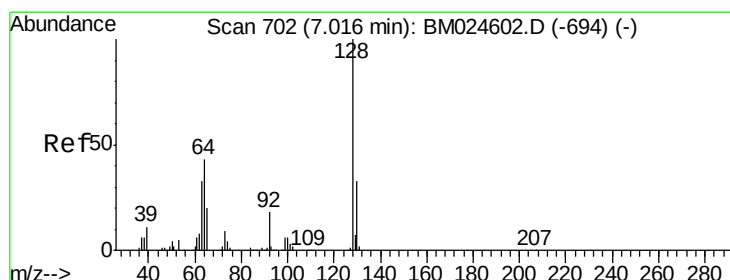
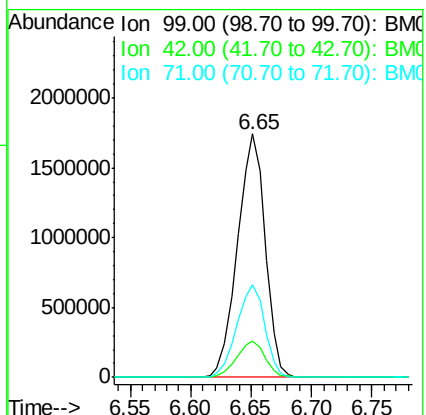
Tot Ion: 99 Resp: 2793330

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 38.3 33.0 49.6



#8

2-Chlorophenol

Concen: 44.764 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

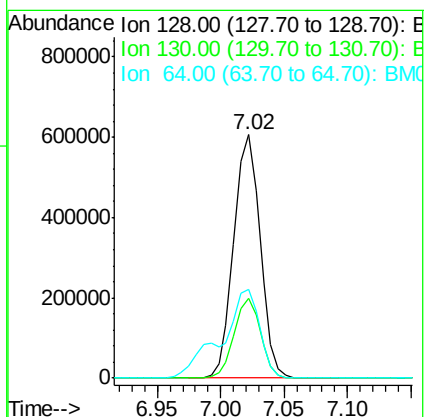
Tgt Ion: 128 Resp: 875554

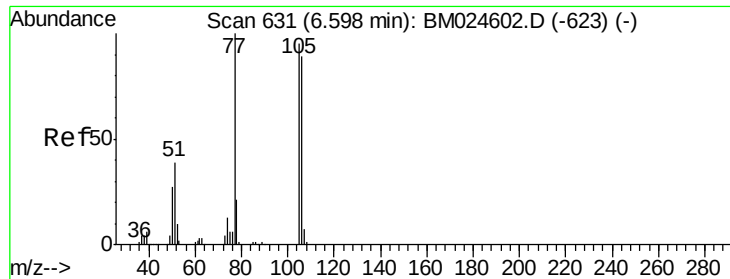
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 36.7 26.1 66.1





#9

Benzaldehyde

Concen: 27.721 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

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ClientSampleId :

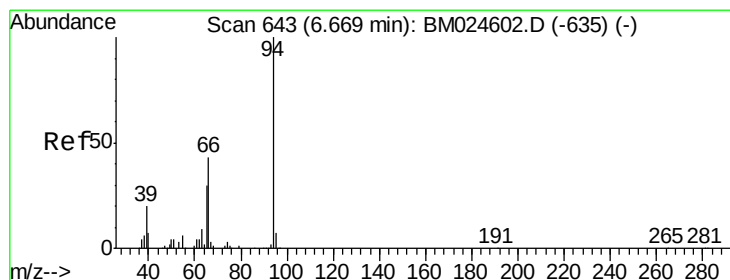
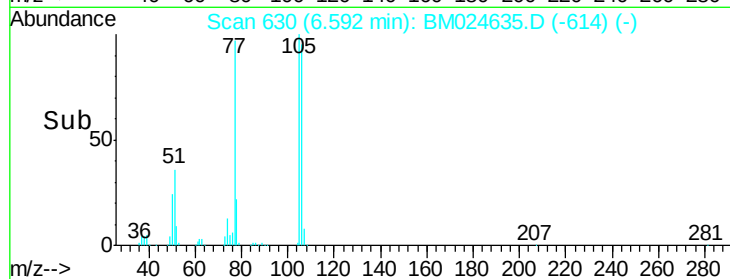
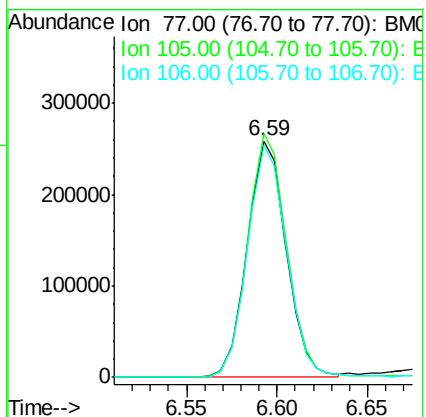
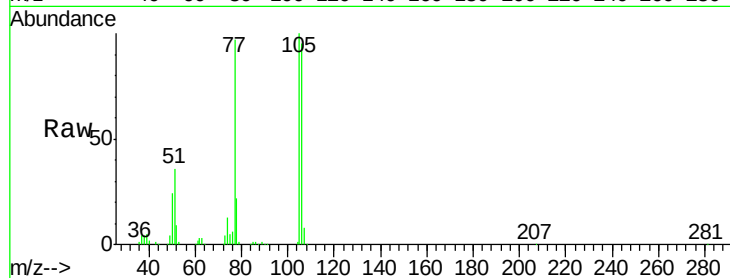
Tot Ion: 77 Resp: 387686

Ion Ratio Lower Upper

77 100

105 102.9 75.2 115.2

106 98.0 68.6 108.6



#10

Phenol

Concen: 41.738 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

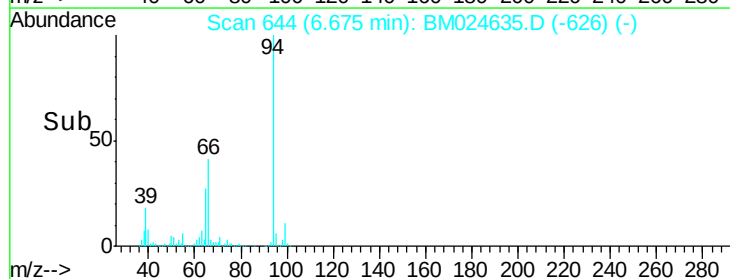
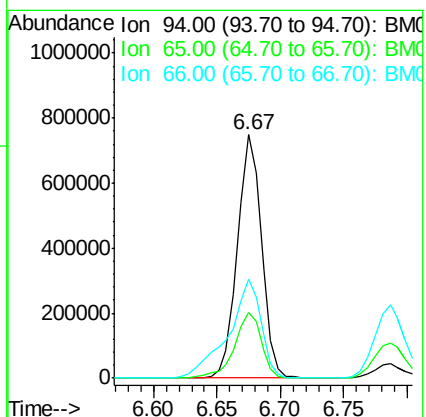
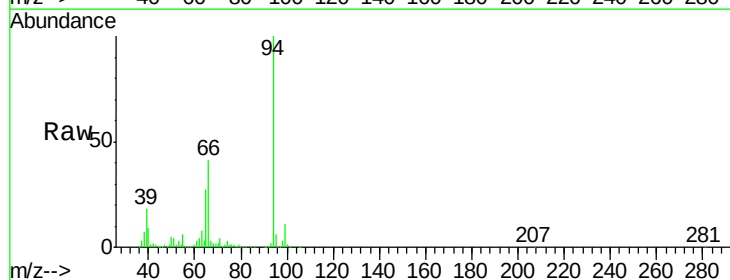
Tgt Ion: 94 Resp: 984744

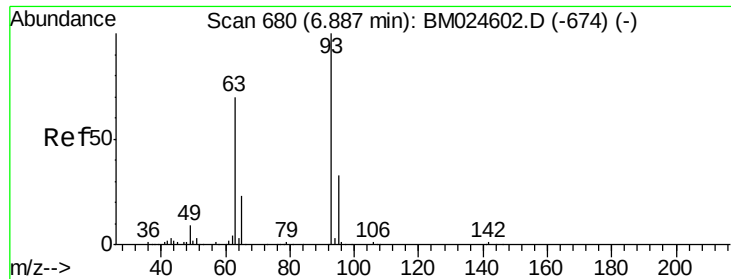
Ion Ratio Lower Upper

94 100

65 27.1 10.3 50.3

66 40.9 24.8 64.8

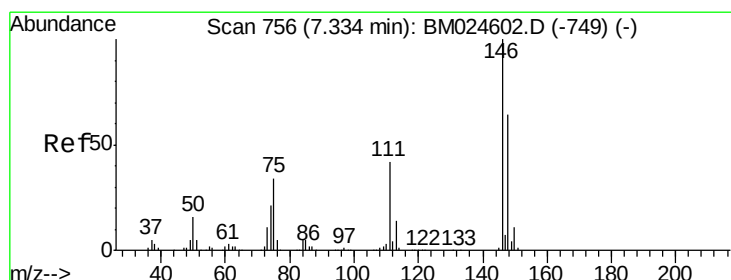
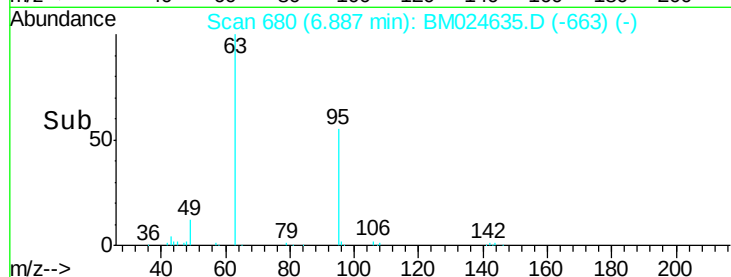
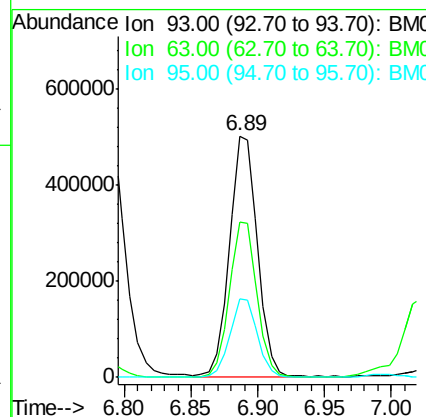
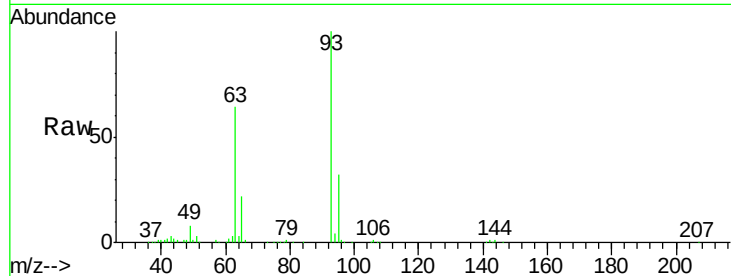




#11
bis(2-Chloroethyl)ether
Concen: 38.825 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

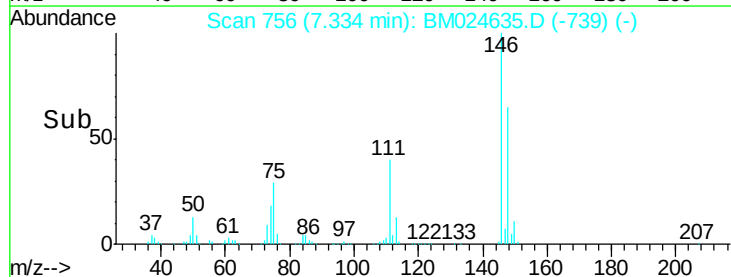
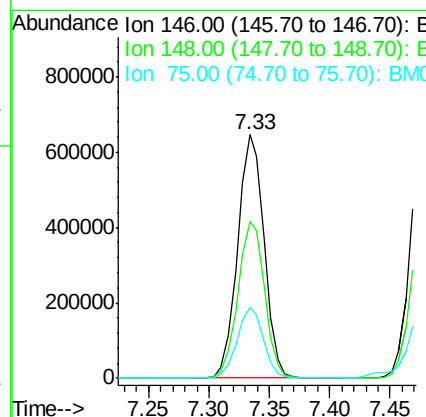
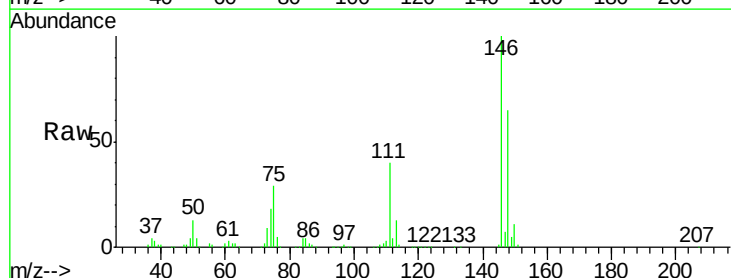
Instrument :
BNA_M
ClientSampleId :

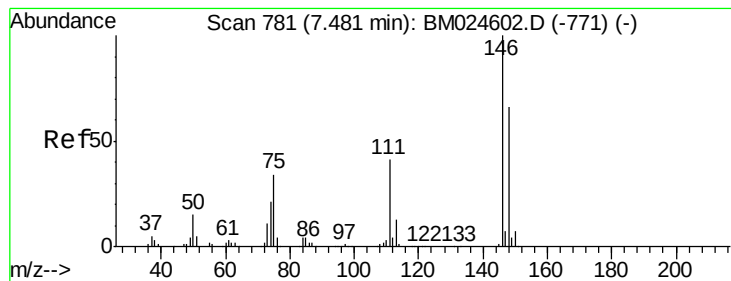
Tot Ion	Ratio	Lower	Upper
93	100		
63	64.4	49.6	89.6
95	32.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 41.087 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
75	29.1	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.537 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

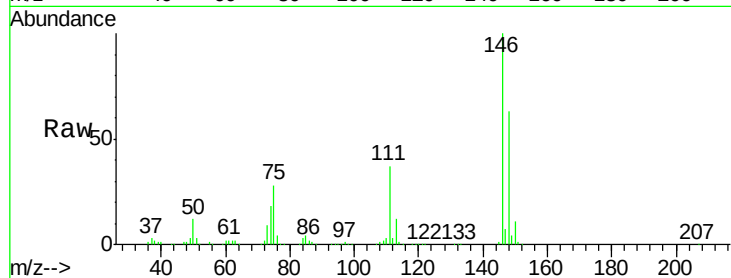
Instrument :

BNA_M

ClientSampleId :

Tot Ion:146 Resp: 1012537

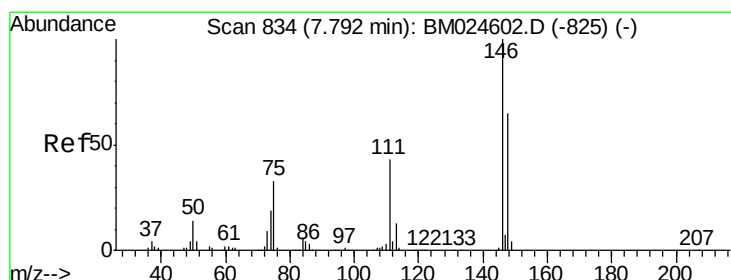
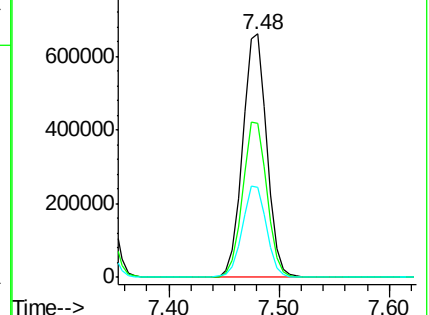
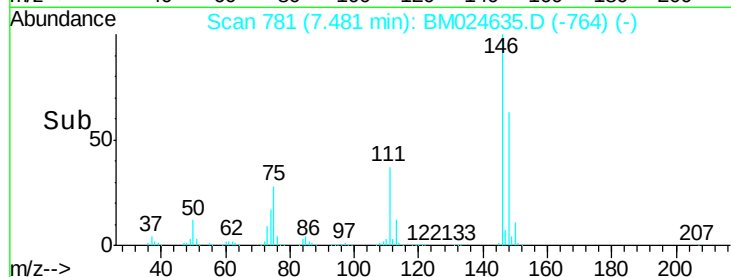
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.5	78.7
111	36.7	33.0	49.4



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



#14

1,2-Dichlorobenzene

Concen: 40.325 ng

RT: 7.79 min Scan# 834

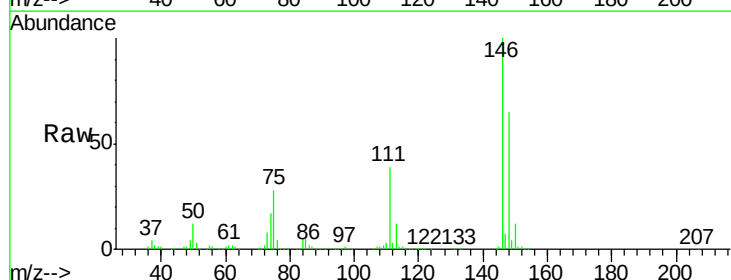
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:146 Resp: 948857

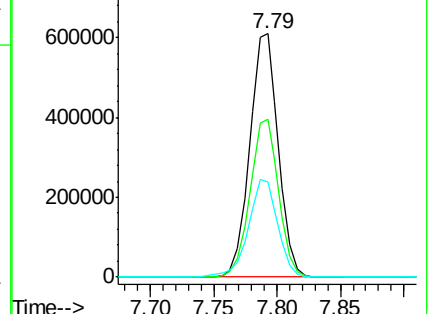
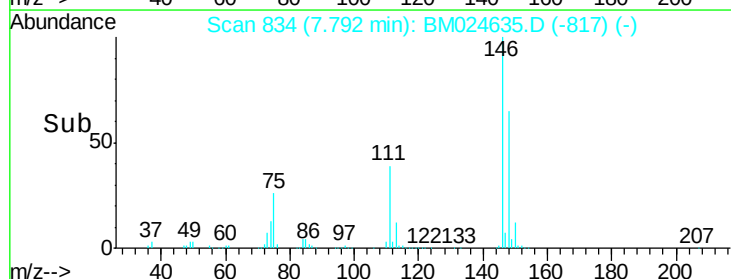
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	39.0	34.5	51.7

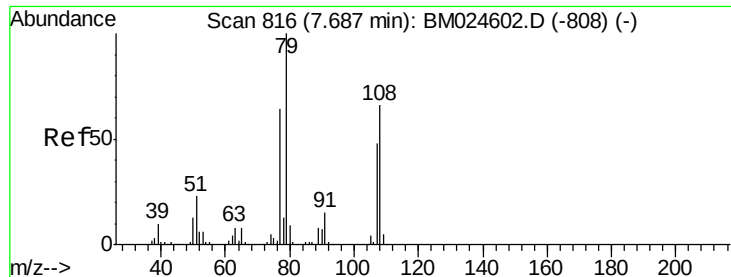


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.632 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampled :

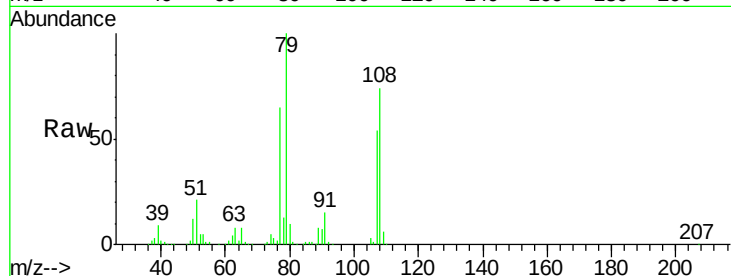
Tot Ion: 79 Resp: 714857

Ion Ratio Lower Upper

79 100

108 73.9 53.0 79.4

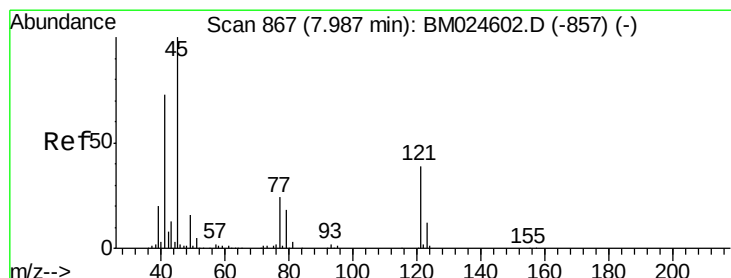
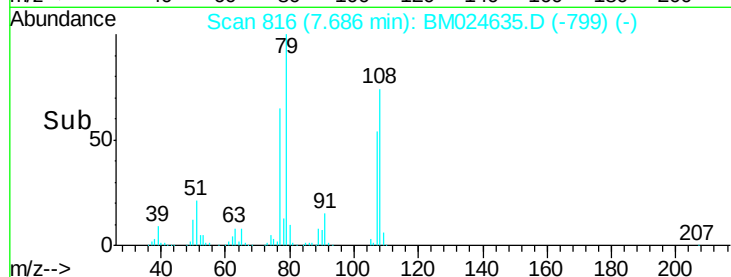
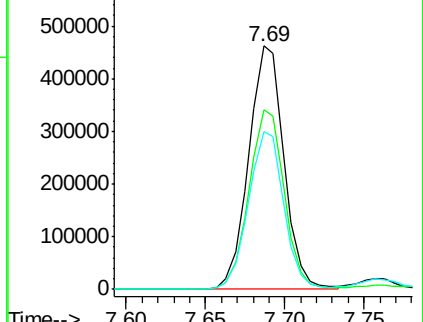
77 65.0 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.528 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

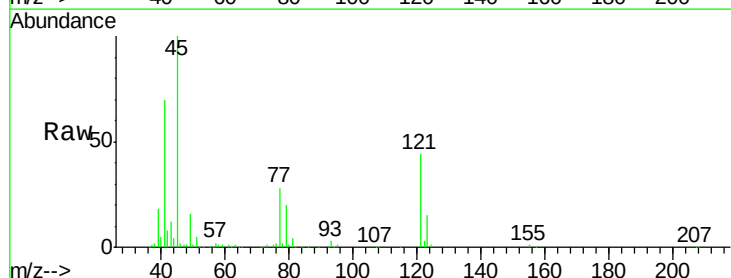
Tgt Ion: 45 Resp: 545163

Ion Ratio Lower Upper

45 100

77 27.6 5.2 45.2

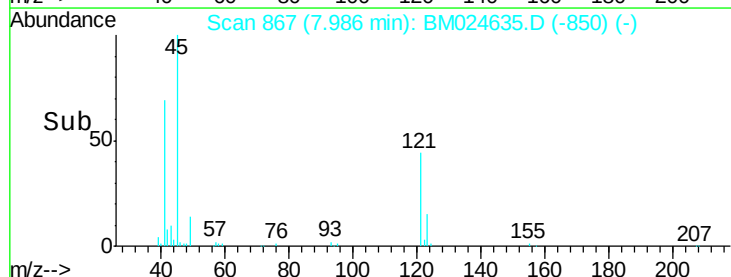
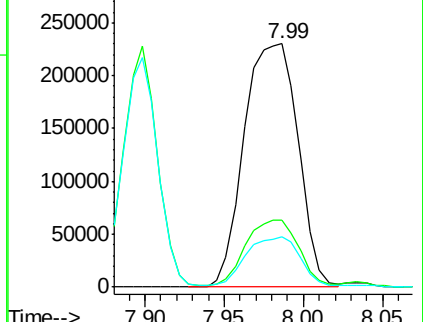
79 20.4 0.0 39.4

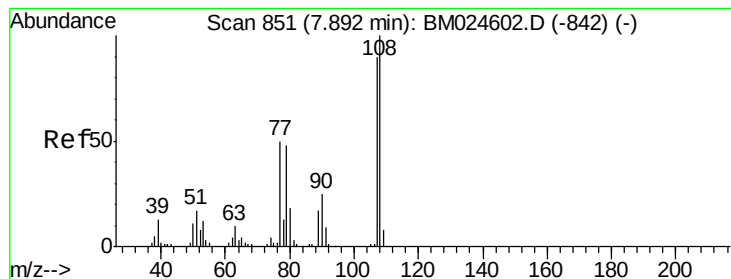


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)

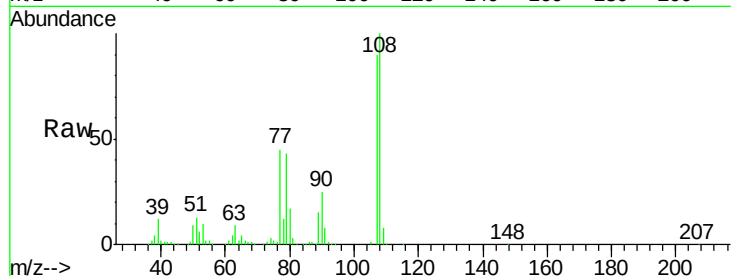




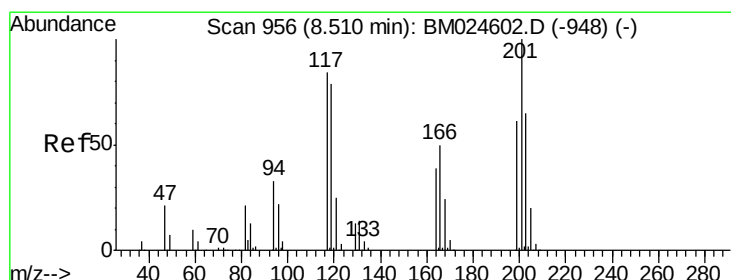
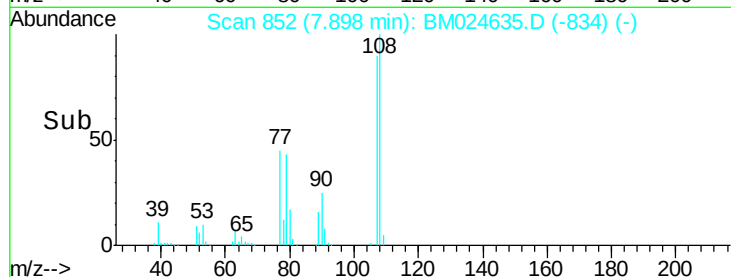
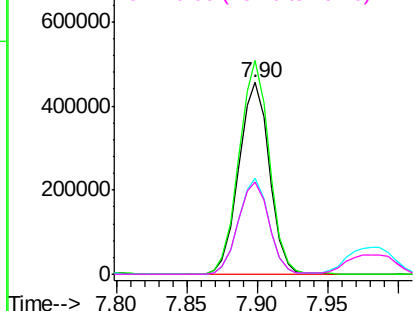
#17
2-Methylphenol
Concen: 41.478 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	689632
Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.9	133.3
77	50.1	44.5	66.7
79	47.7	42.9	64.3

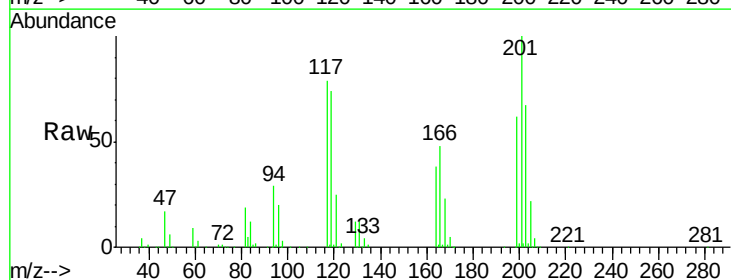


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

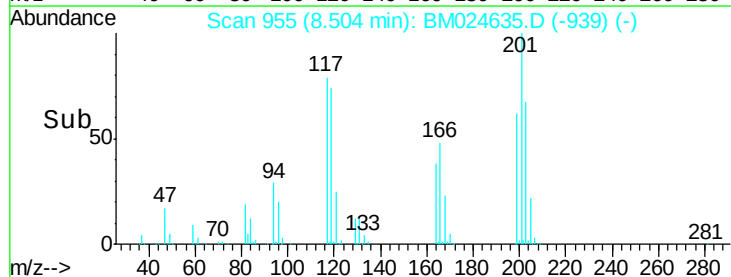
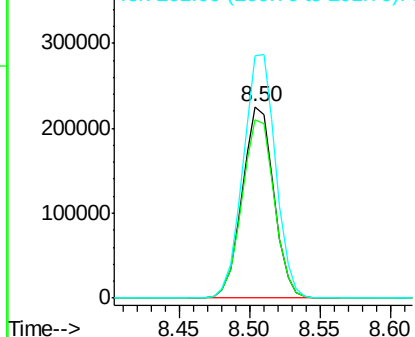


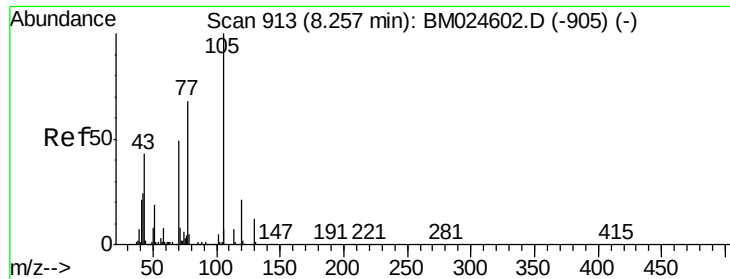
#18
Hexachloroethane
Concen: 37.437 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:	117	Resp:	352406
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.4	113.2
201	126.6	95.8	143.6



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

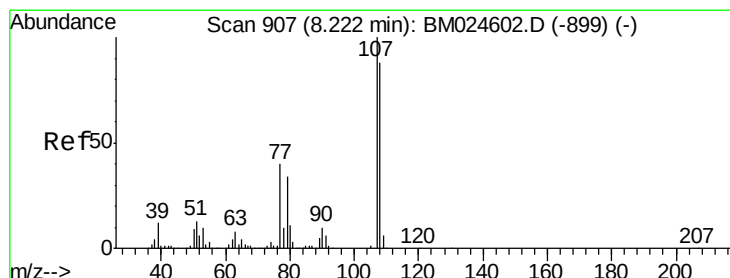
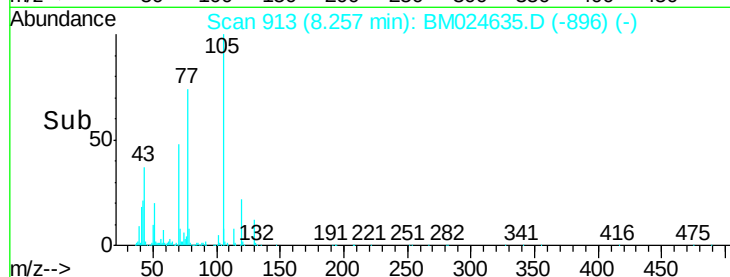
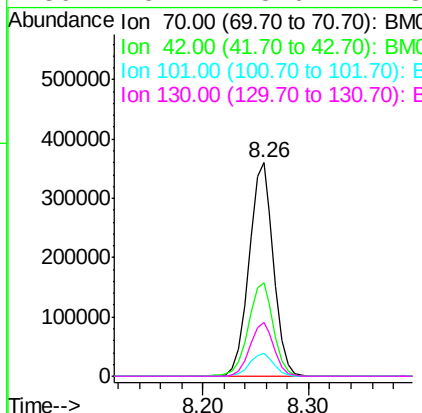
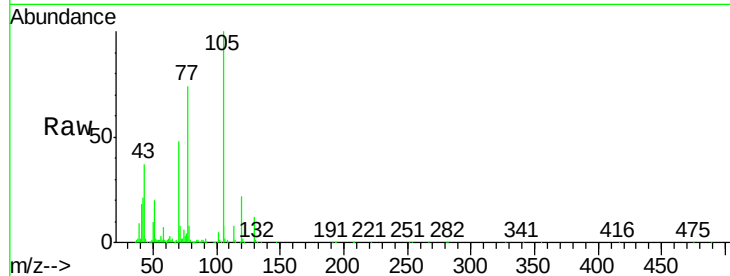




#19
n-Nitroso-di-n-propylamine
Concen: 32.427 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

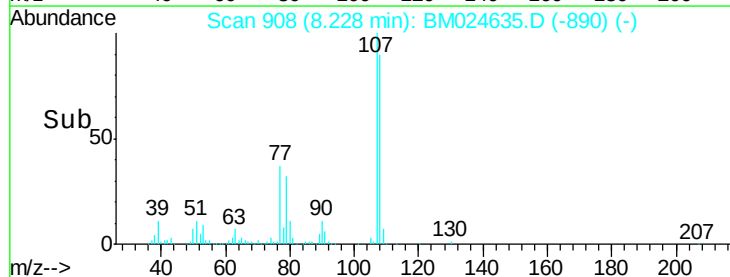
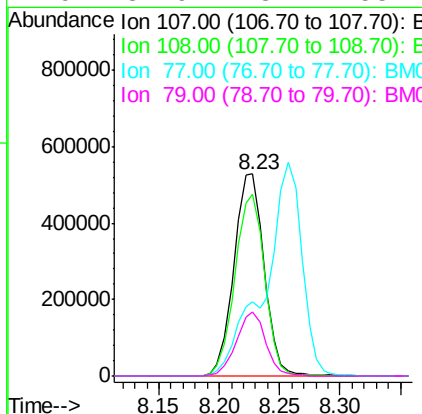
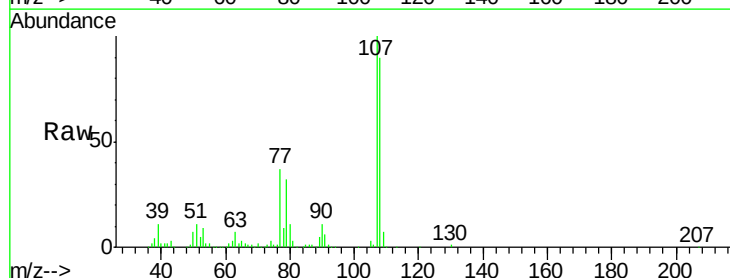
Instrument :
BNA_M
ClientSampled :

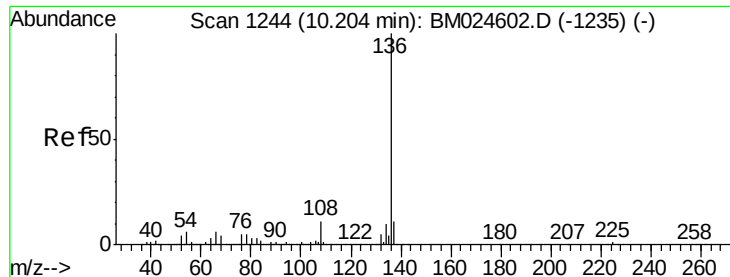
Tot Ion:	70	Resp:	576260
Ion	Ratio	Lower	Upper
70	100		
42	44.0	40.0	60.0
101	10.5	8.2	12.2
130	25.1	18.6	27.8



#20
3+4-Methylphenols
Concen: 40.112 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:	107	Resp:	923203
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.0	108.0
77	36.7	19.9	59.9
79	31.9	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1199881

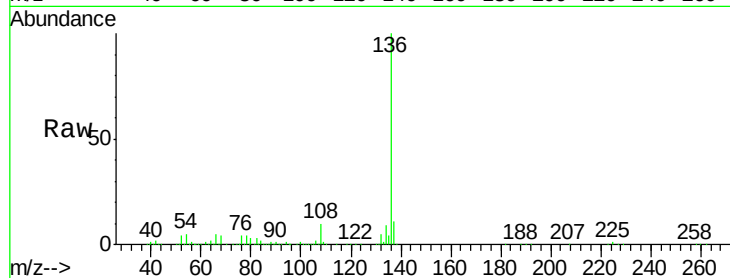
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 4.7 4.5 6.7

68 3.9 3.4 5.0

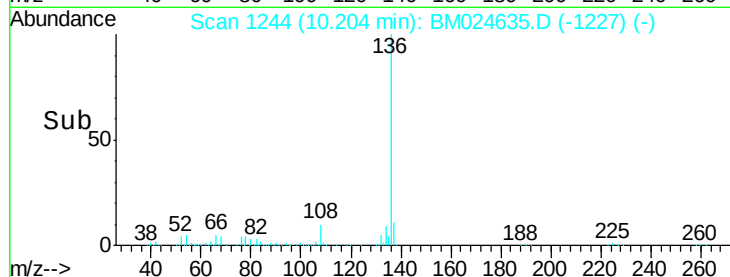


Abundance Ion 136.00 (135.70 to 136.70): E

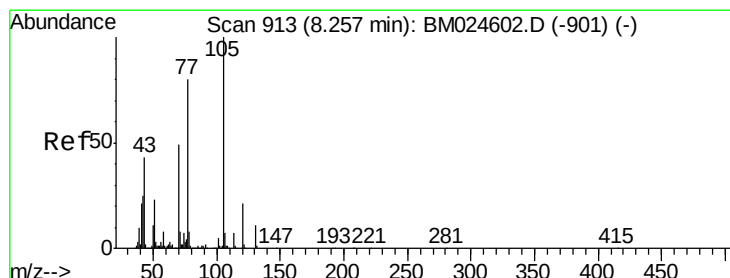
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#22

Acetophenone

Concen: 37.914 ng

RT: 8.26 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:105 Resp: 1173027

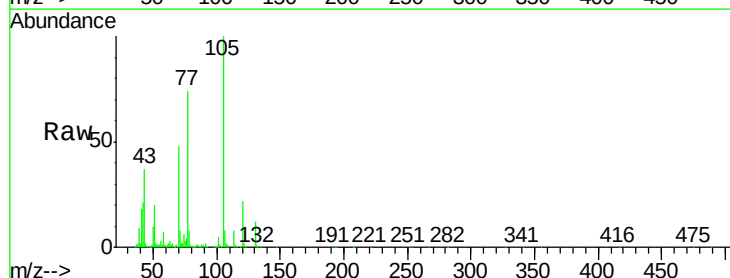
Ion Ratio Lower Upper

105 100

71 7.9 6.7 10.1

51 20.3 18.5 27.7

120 22.0 16.6 25.0

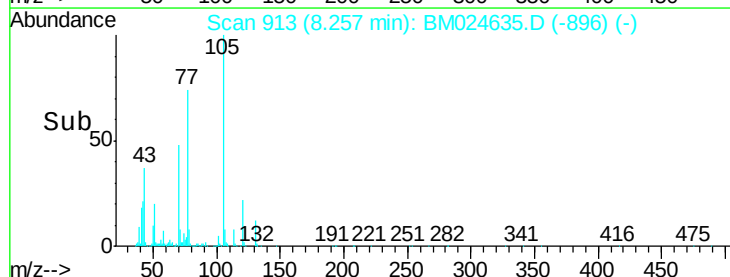


Abundance Ion 105.00 (104.70 to 105.70): E

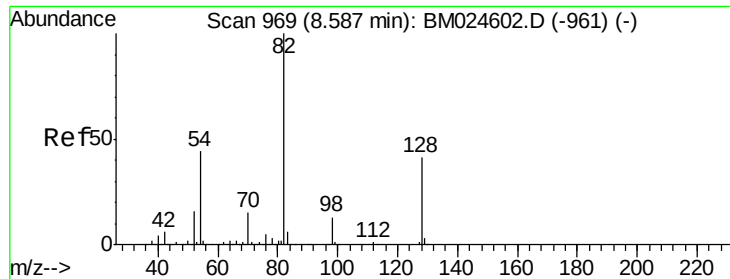
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



Time-->

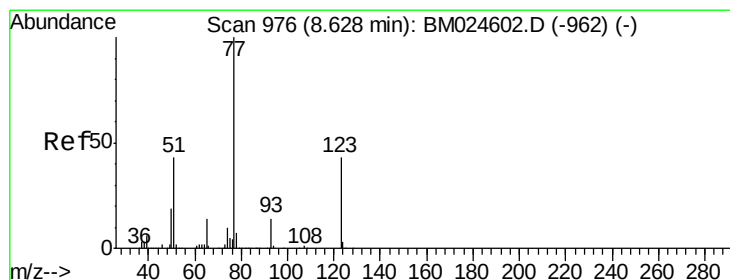
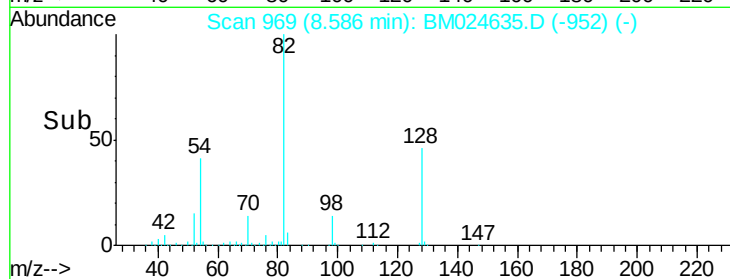
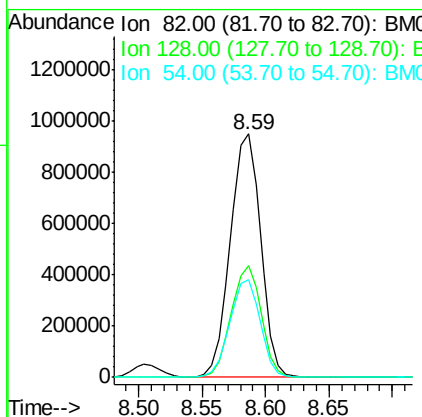
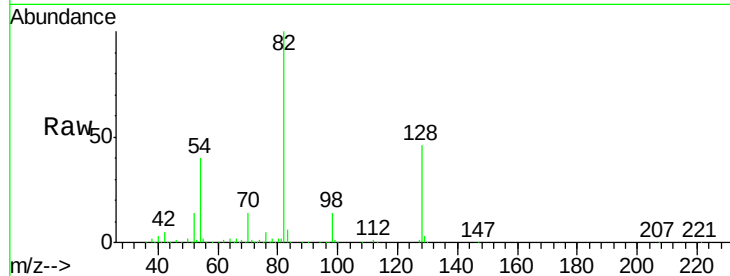


#23
 Nitrobenzene-d5
 Concen: 64.278 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1572657

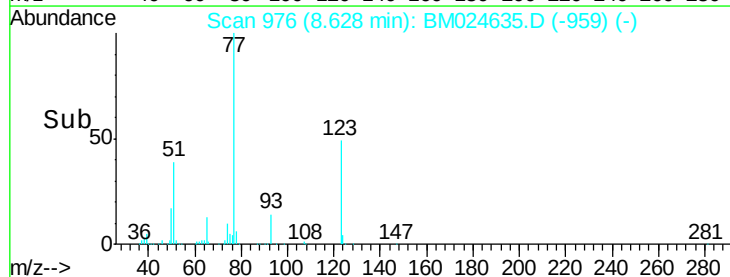
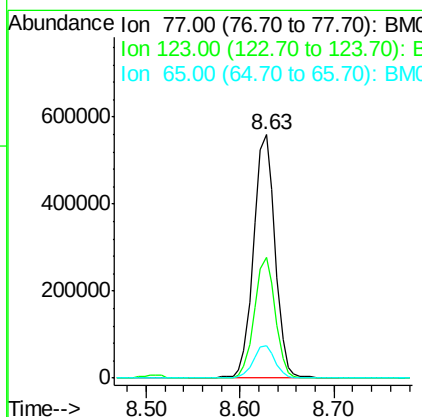
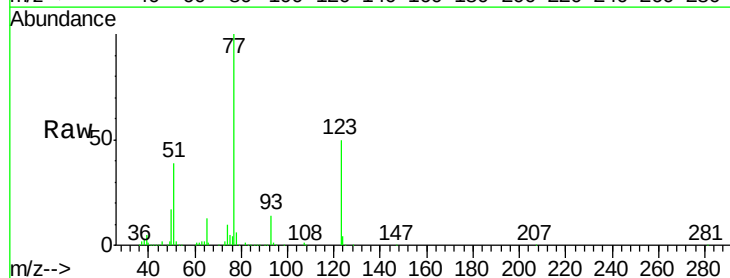
Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.6	48.8
54	40.3	34.8	52.2

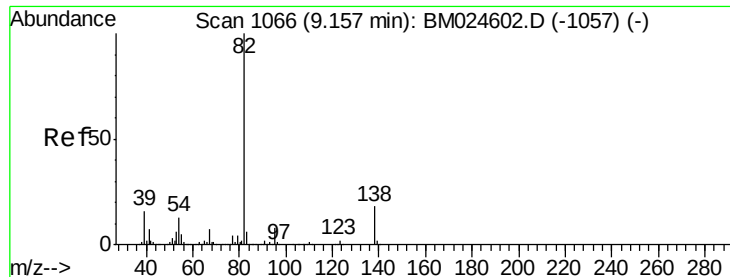


#24
 Nitrobenzene
 Concen: 37.744 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion: 77 Resp: 884956

Ion	Ratio	Lower	Upper
77	100		
123	49.6	34.6	52.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 37.943 ng

RT: 9.16 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

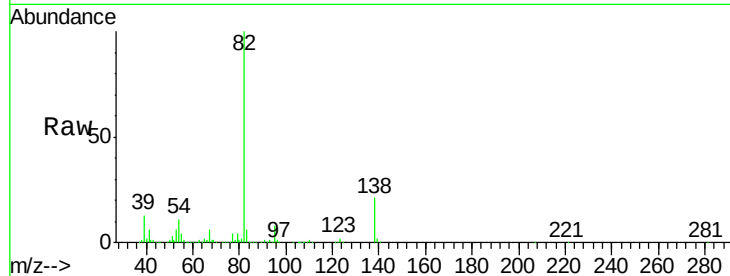
Tot Ion: 82 Resp: 1577386

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

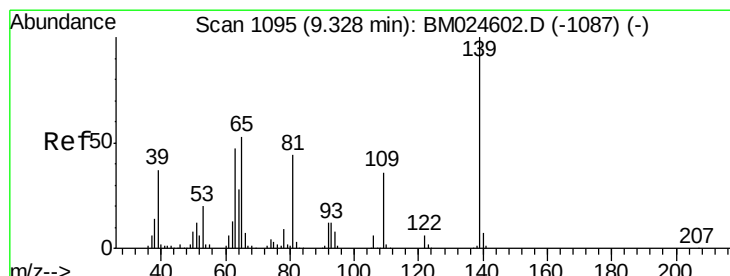
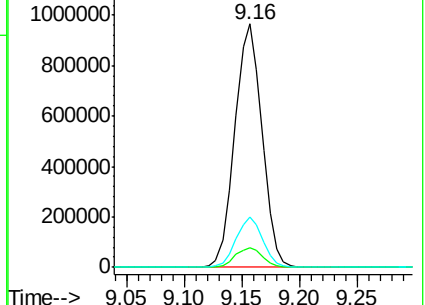
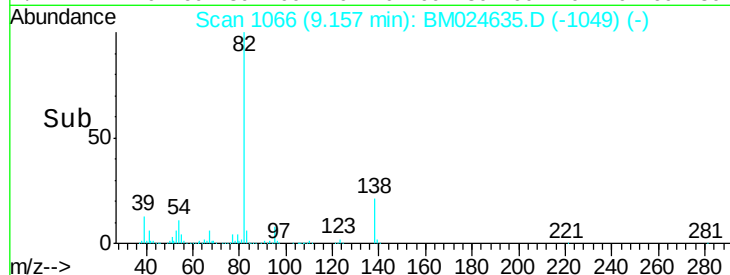
138 20.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024635.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024635.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024635.D (-1049) (-)



#26

2-Nitrophenol

Concen: 45.978 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

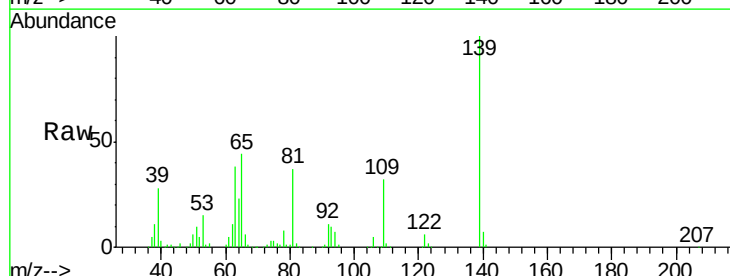
Tgt Ion: 139 Resp: 499169

Ion Ratio Lower Upper

139 100

109 32.3 28.8 43.2

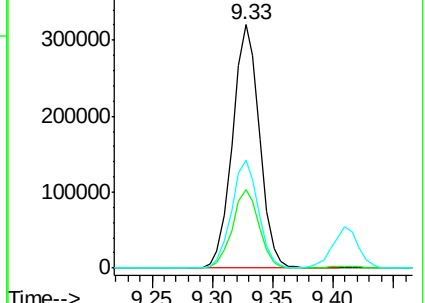
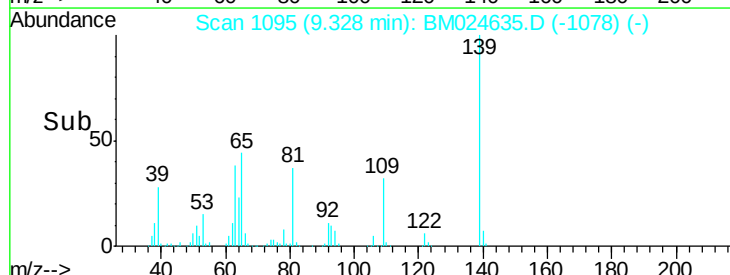
65 44.4 42.6 63.8

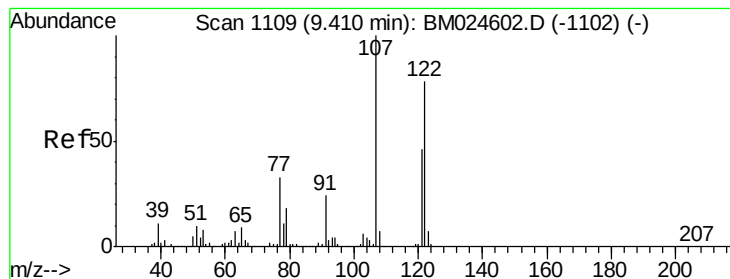


Abundance Ion 139.00 (138.70 to 139.70): BM024635.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024635.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024635.D (-1078) (-)





#27

2,4-Dimethylphenol

Concen: 52.917 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampled :

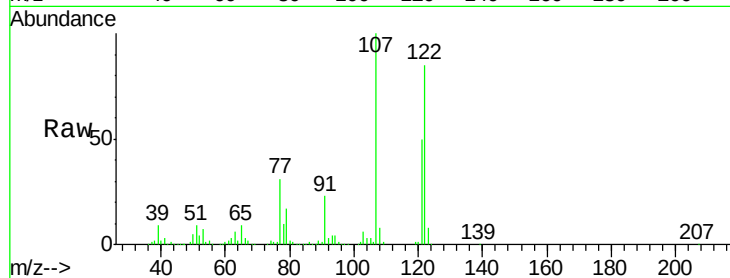
Tot Ion:122 Resp: 780692

Ion Ratio Lower Upper

122 100

107 117.6 102.5 153.7

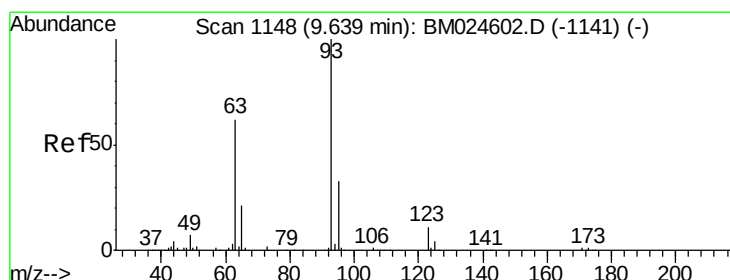
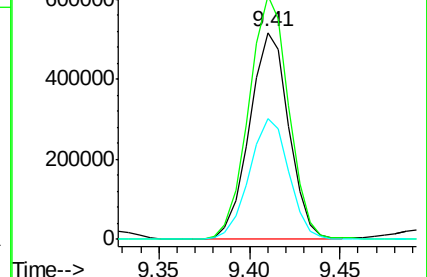
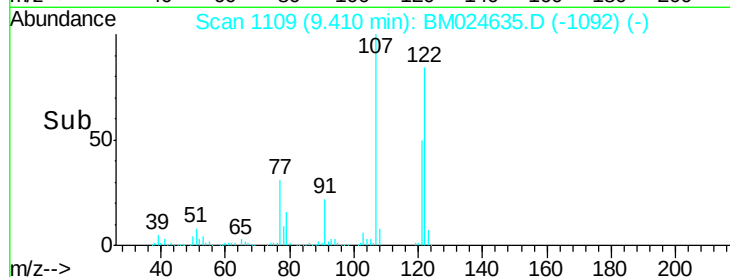
121 58.3 47.0 70.4



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: 38.436 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

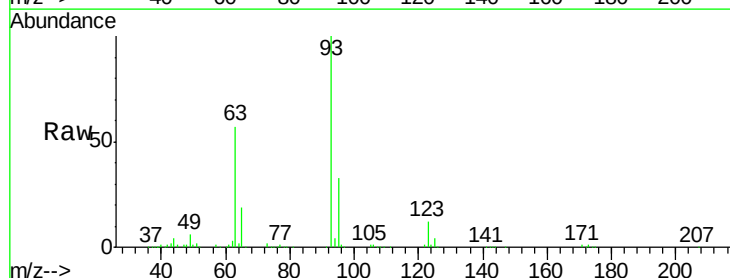
Tgt Ion: 93 Resp: 976109

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

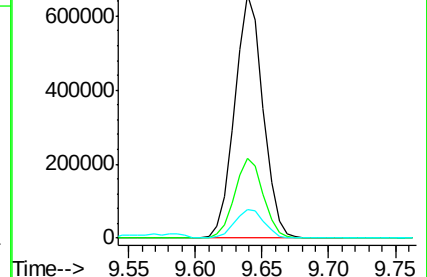
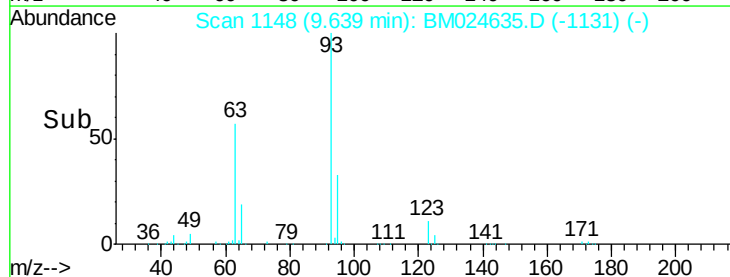
123 11.7 8.7 13.1

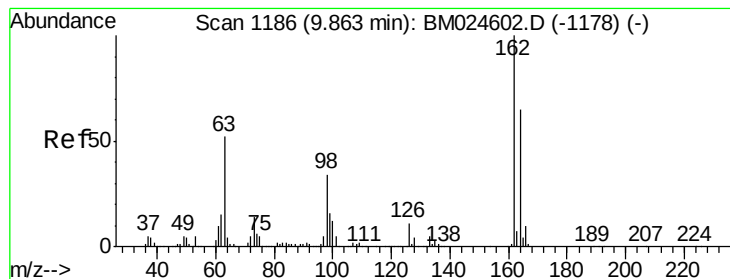


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.601 ng

RT: 9.86 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

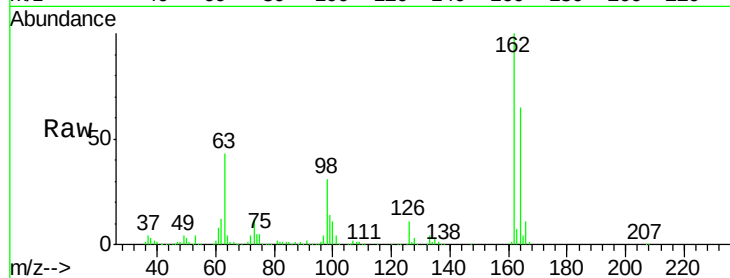
Tot Ion:162 Resp: 948796

Ion Ratio Lower Upper

162 100

164 64.7 44.5 84.5

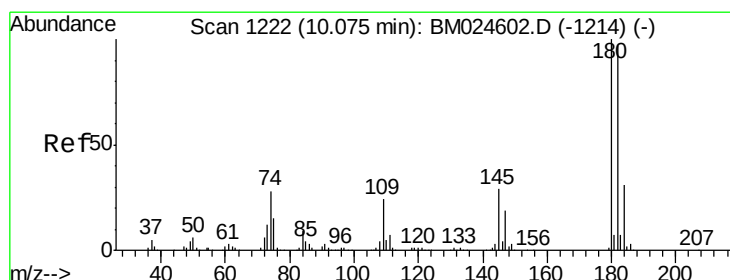
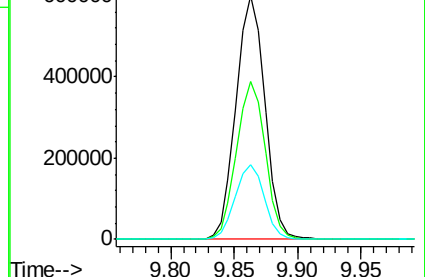
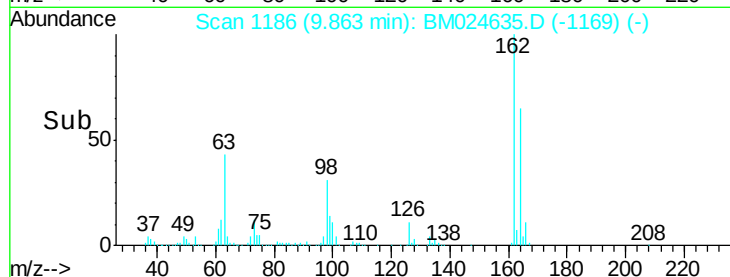
98 30.6 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.254 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

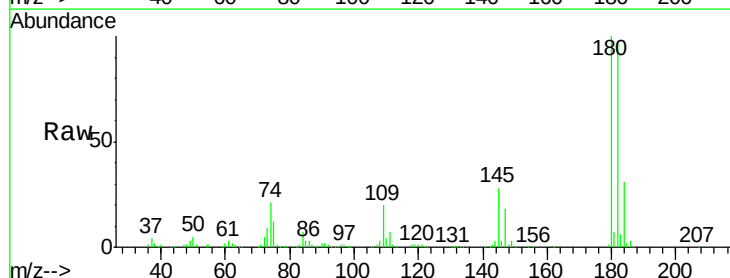
Tgt Ion:180 Resp: 1063818

Ion Ratio Lower Upper

180 100

182 96.9 77.8 116.6

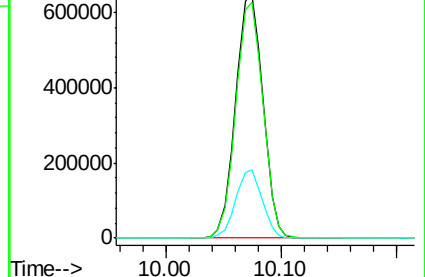
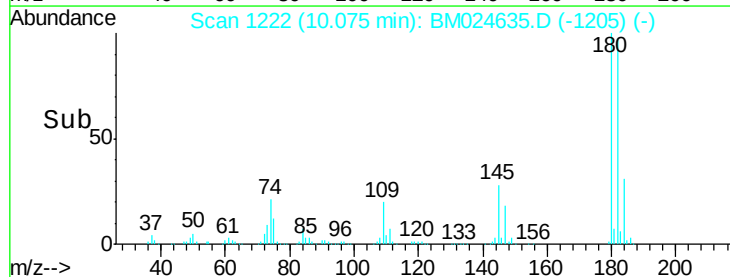
145 27.9 22.9 34.3

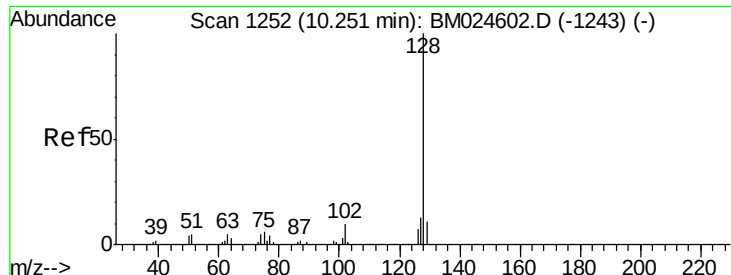


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

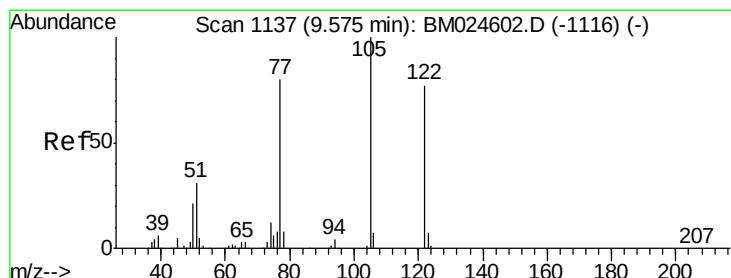
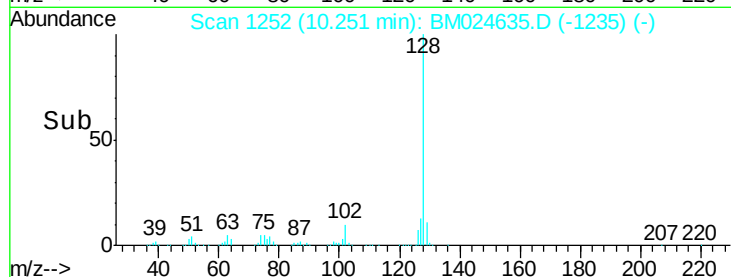
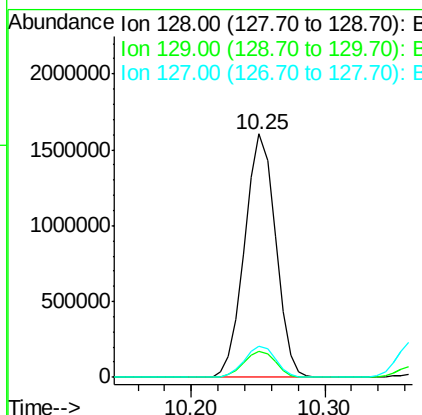
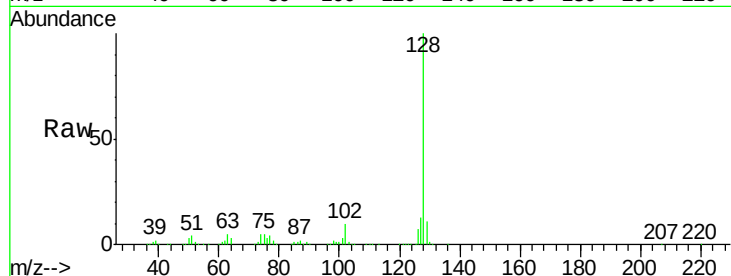




#31
Naphthalene
Concen: 42.461 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

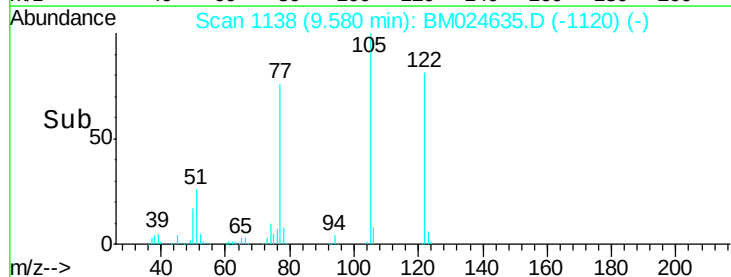
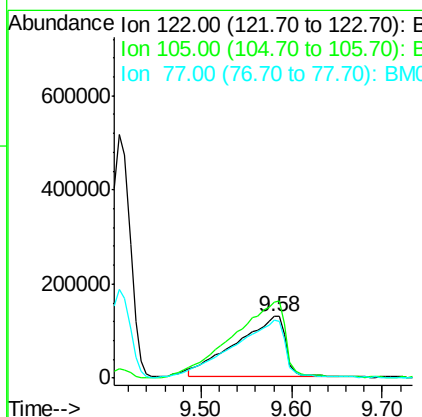
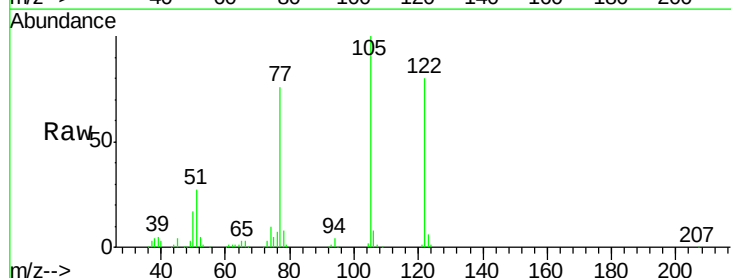
Instrument :
BNA_M
ClientSampleId :

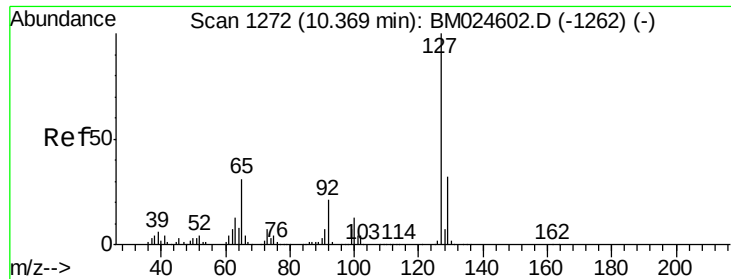
Tot Ion:128 Resp: 2573269
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 36.425 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:122 Resp: 491574
Ion Ratio Lower Upper
122 100
105 124.4 107.7 147.7
77 94.6 83.8 123.8

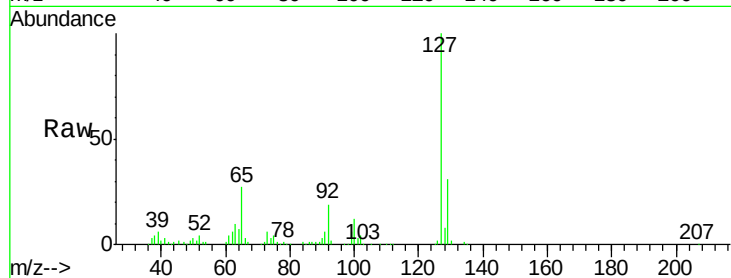




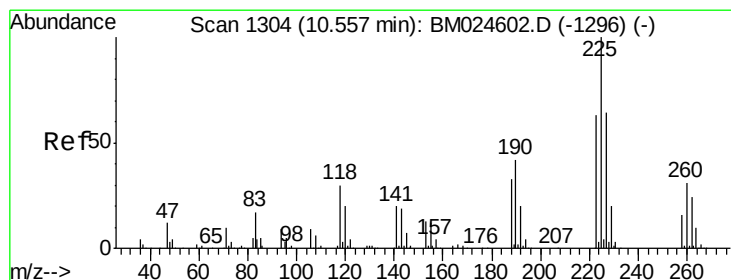
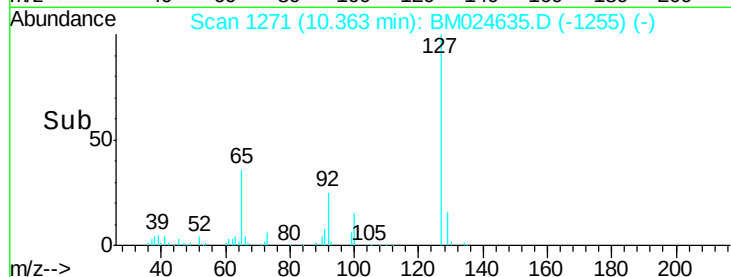
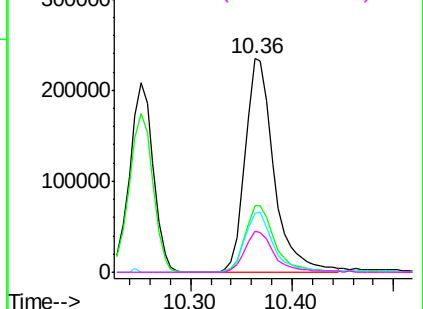
#33
4-Chloroaniline
Concen: 17.399 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	462193
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	27.5	25.1	37.7
92	19.4	16.6	25.0

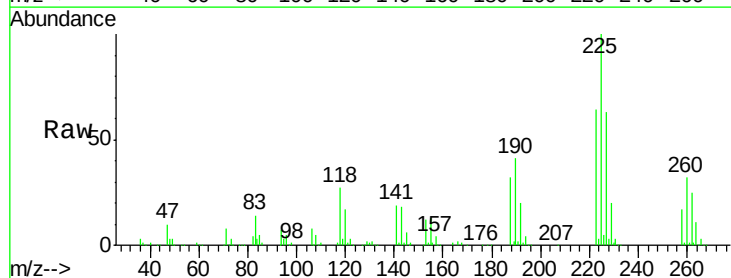


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

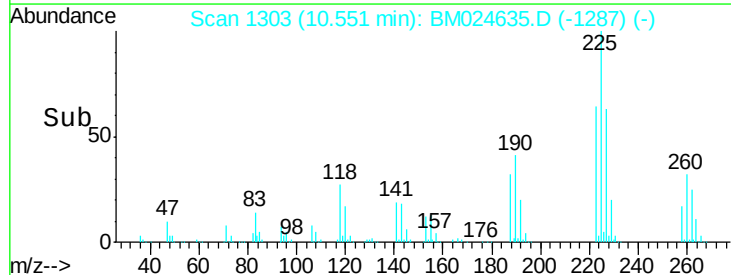
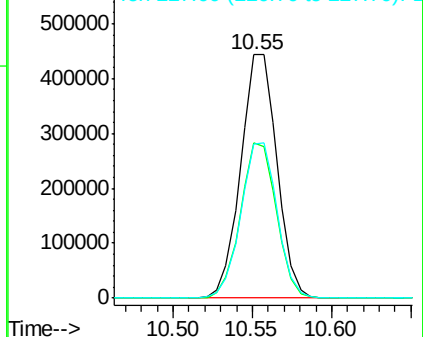


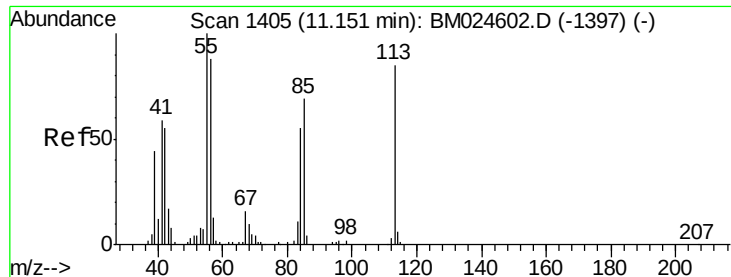
#34
Hexachlorobutadiene
Concen: 42.454 ng
RT: 10.55 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:	225	Resp:	705498
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.2	51.4	77.0



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





#35

Caprolactam

Concen: 21.099 ng

RT: 11.16 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

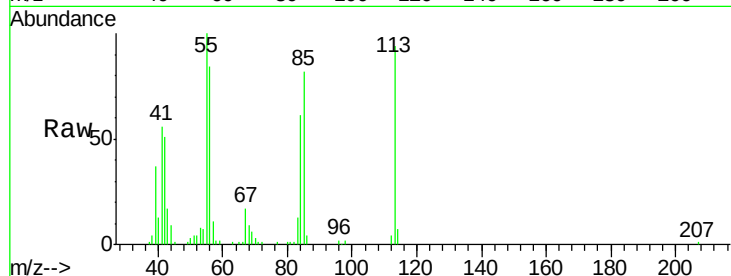
Tot Ion:113 Resp: 134924

Ion Ratio Lower Upper

113 100

55 106.3 97.5 137.5

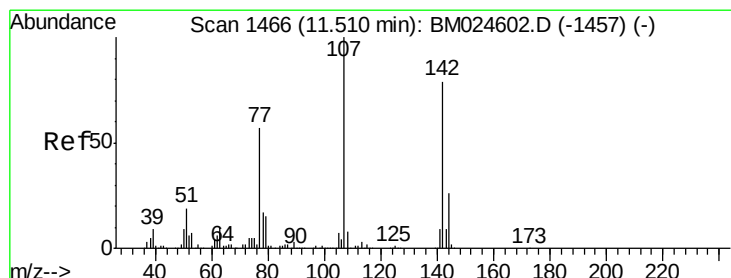
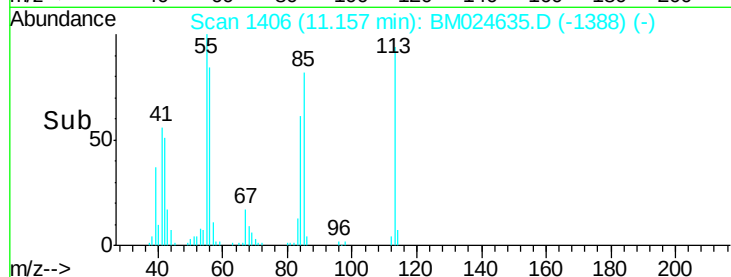
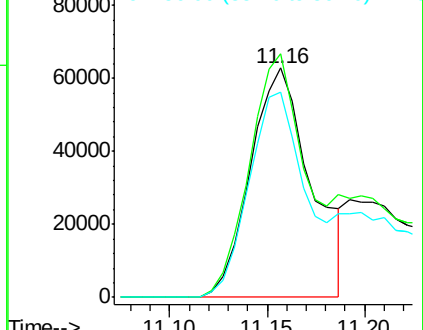
56 89.3 83.4 123.4



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: 40.161 ng

RT: 11.51 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

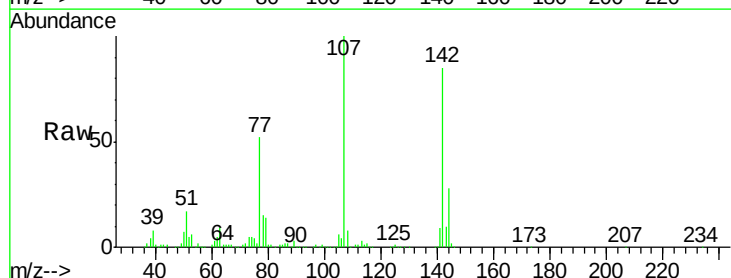
Tgt Ion:107 Resp: 851194

Ion Ratio Lower Upper

107 100

144 27.6 20.5 30.7

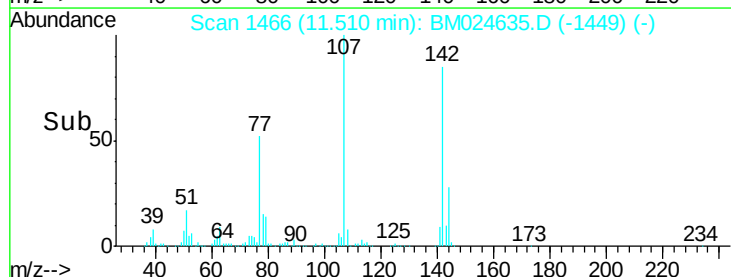
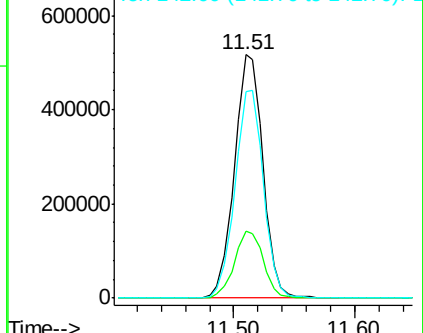
142 84.9 62.8 94.2

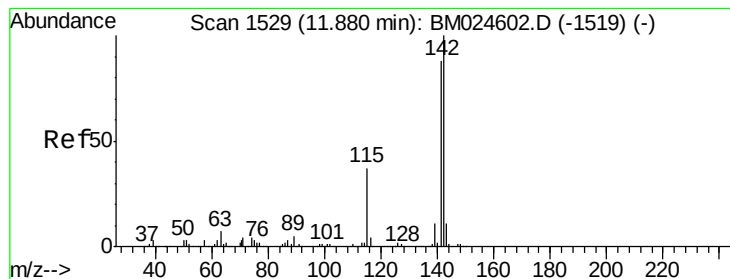


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

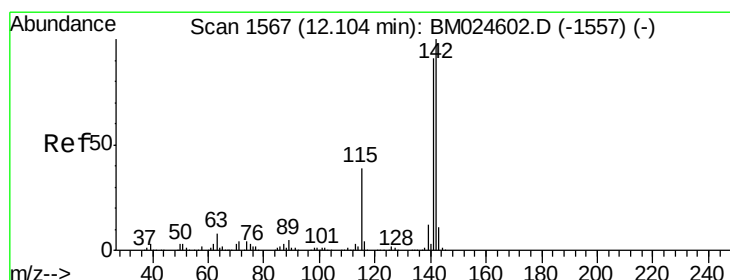
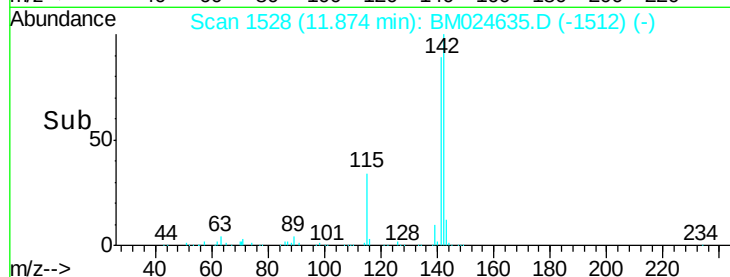
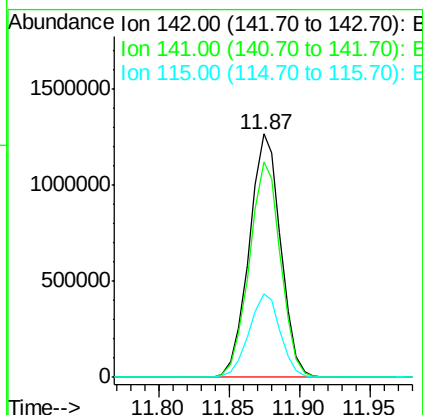
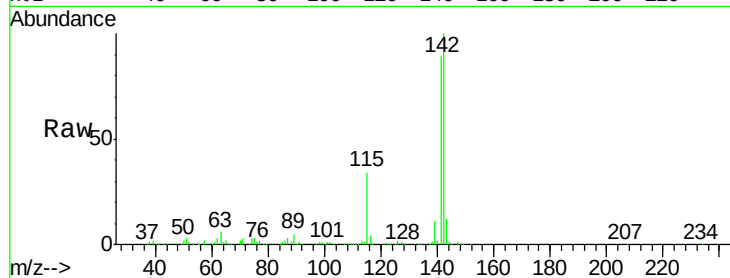




#37
 2-Methylnaphthalene
 Concen: 42.532 ng
 RT: 11.87 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

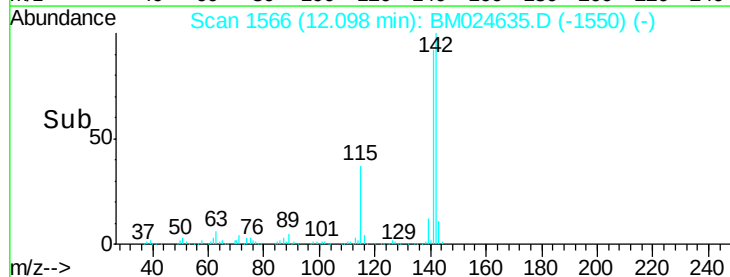
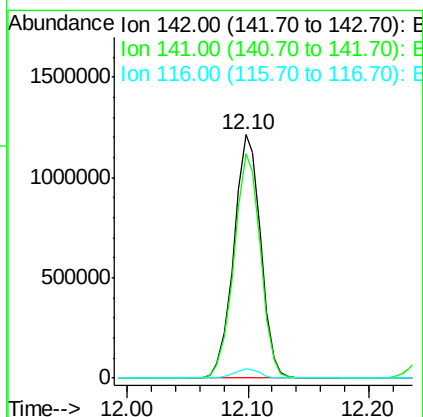
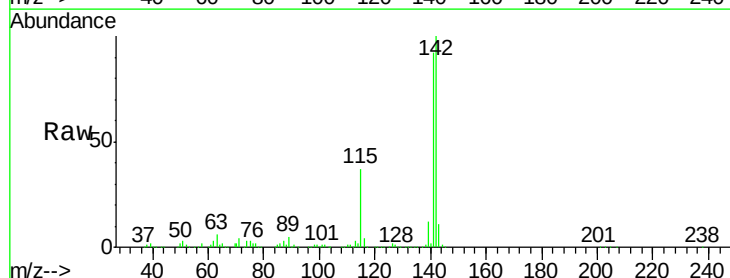
Instrument :
 BNA_M
 ClientSampleId :

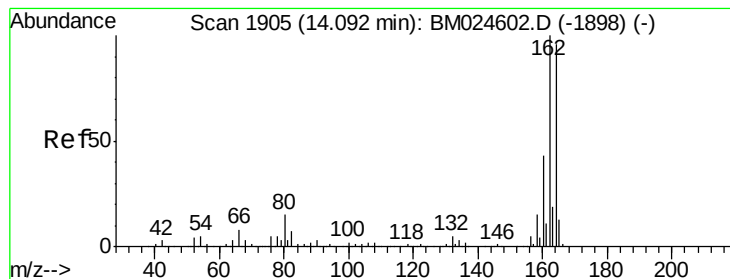
Tot Ion:142 Resp: 1989128
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.2 105.2
 115 34.1 29.7 44.5



#38
 1-Methylnaphthalene
 Concen: 42.100 ng
 RT: 12.10 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:142 Resp: 1872907
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.8 109.2
 116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

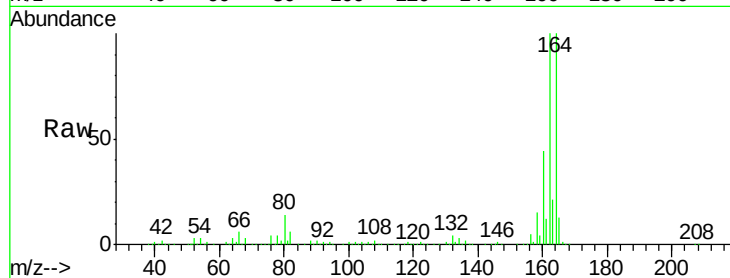
Tot Ion:164 Resp: 807174

Ion Ratio Lower Upper

164 100

162 100.5 82.9 124.3

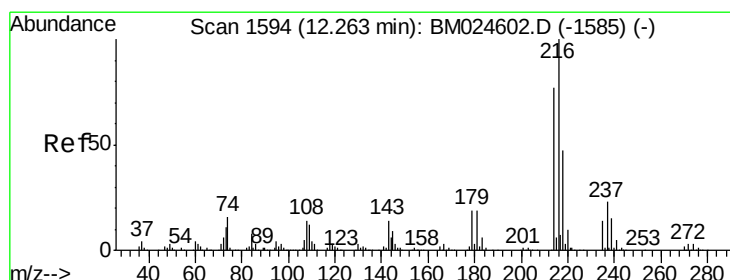
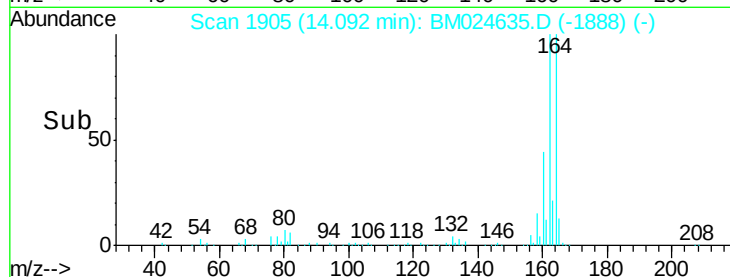
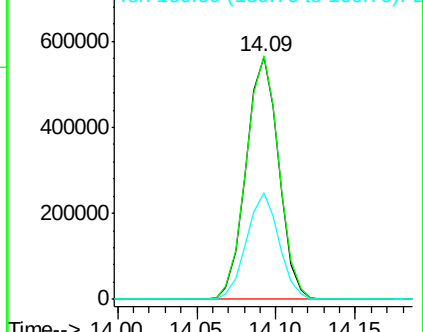
160 43.8 35.5 53.3



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: 42.514 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:216 Resp: 1224749

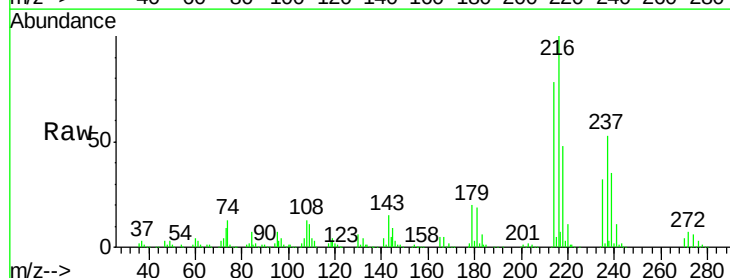
Ion Ratio Lower Upper

216 100

214 78.4 62.3 93.5

179 19.8 16.1 24.1

108 16.4 13.0 19.6

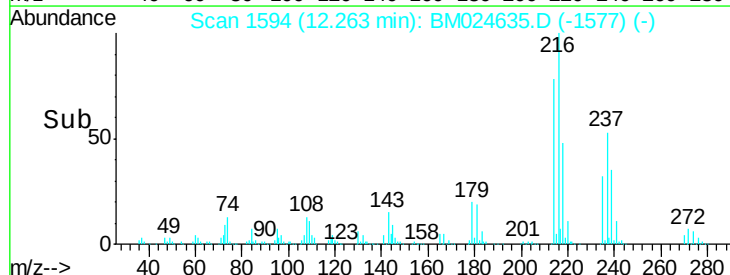
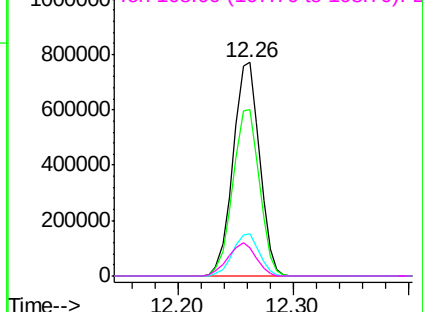


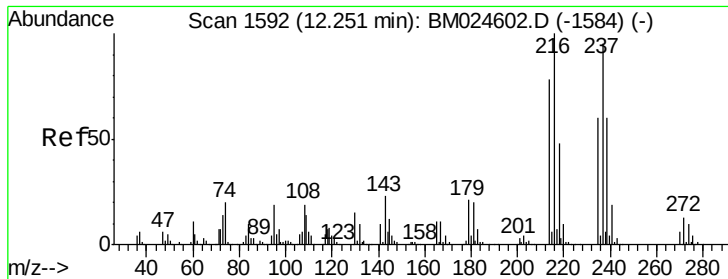
Abundance Ion 216.00 (215.70 to 216.70): E

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: 119.982 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

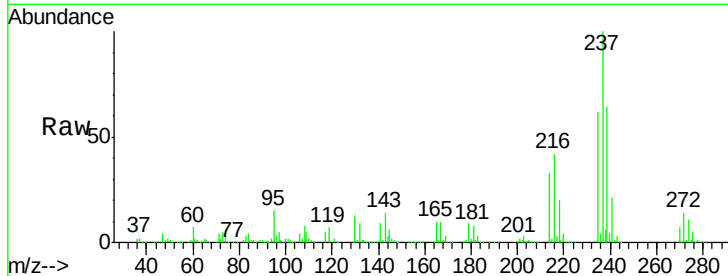
Tot Ion:237 Resp: 1937394

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

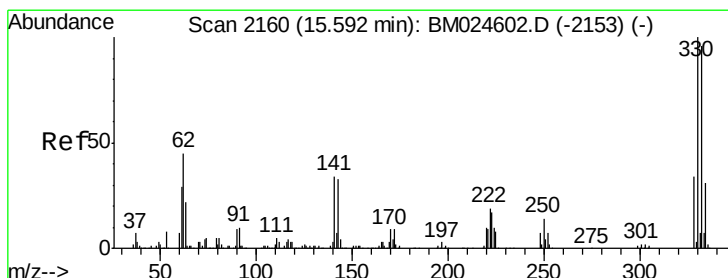
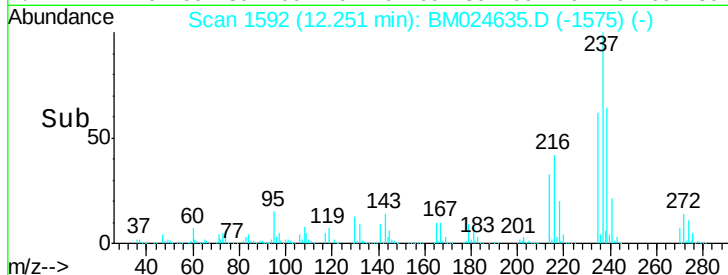
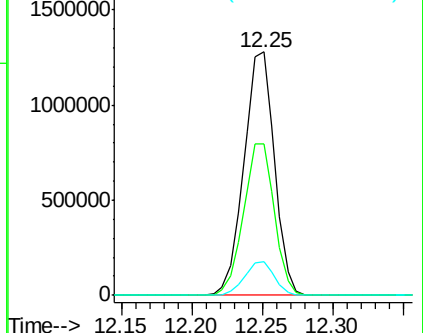
272 13.8 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.201 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

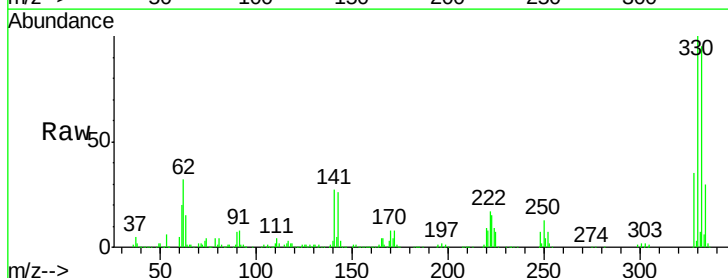
Tgt Ion:330 Resp: 1604484

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

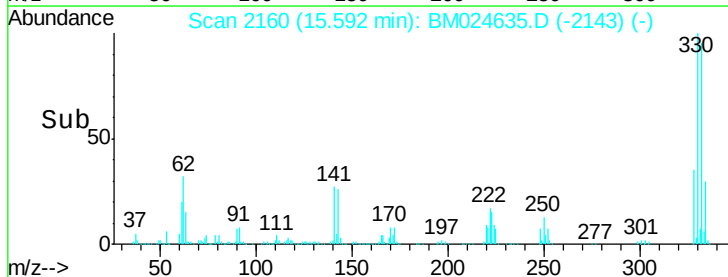
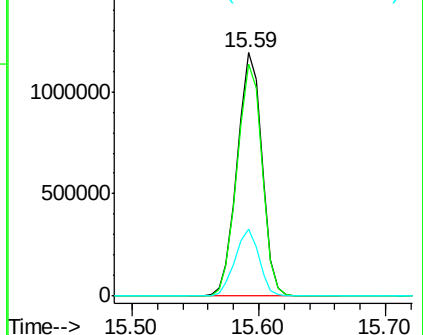
141 26.9 26.9 40.3

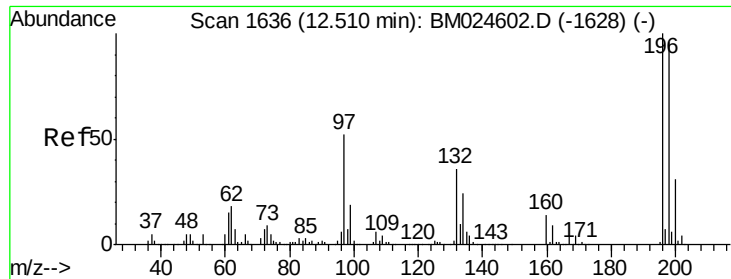


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

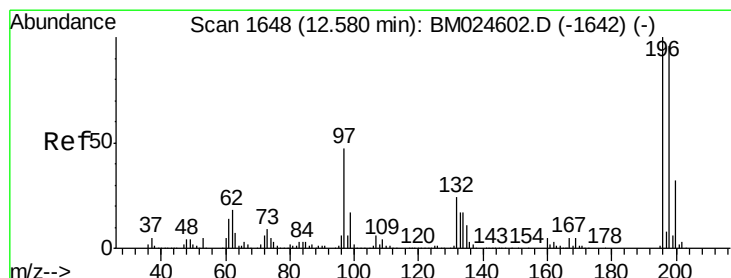
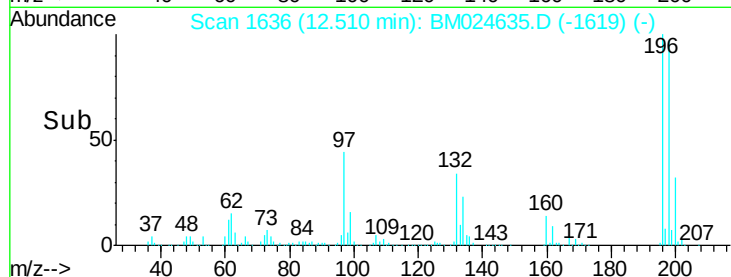
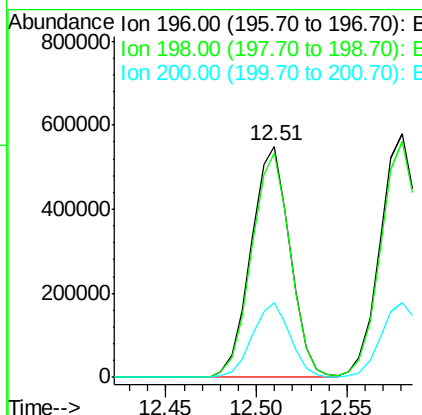
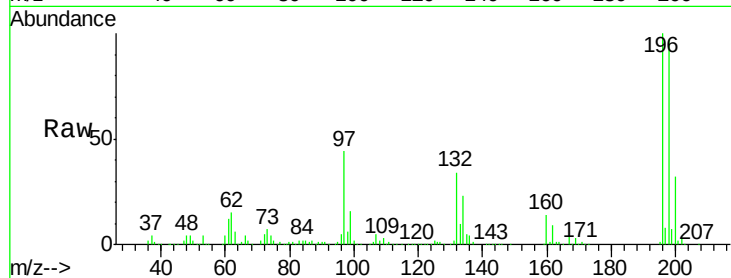




#43
 2,4,6-Trichlorophenol
 Concen: 44.724 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

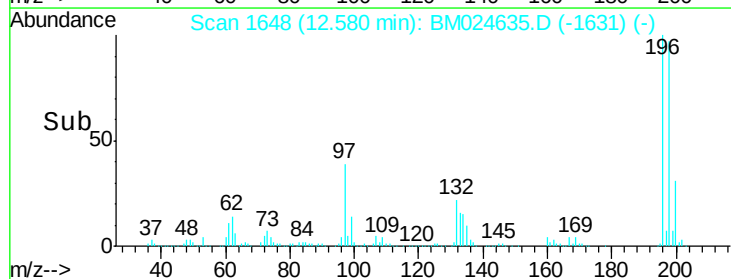
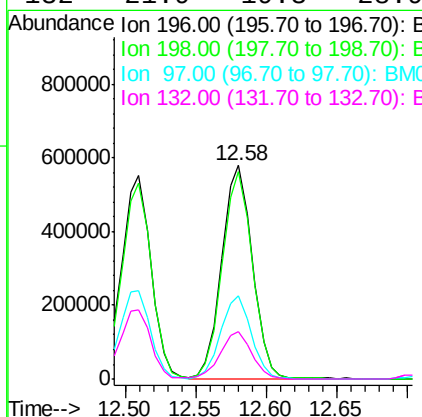
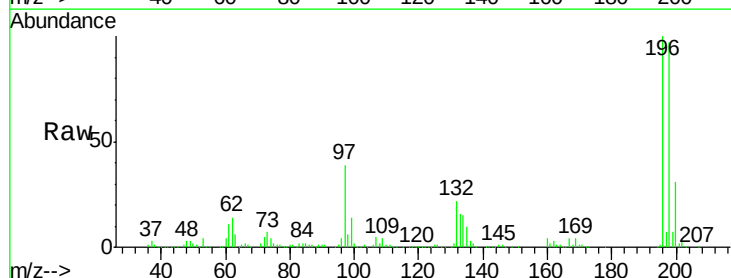
Instrument :
 BNA_M
 ClientSampleId :

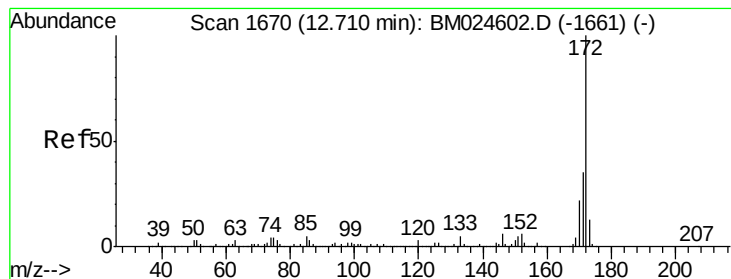
Tot Ion:196 Resp: 819888
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.5 114.7
 200 32.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.406 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:196 Resp: 868815
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.2 115.8
 97 39.1 37.4 56.0
 132 21.9 19.3 28.9

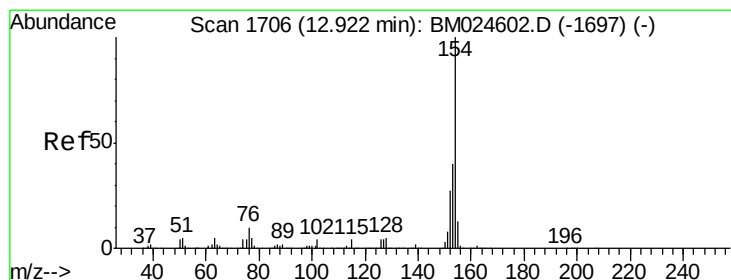
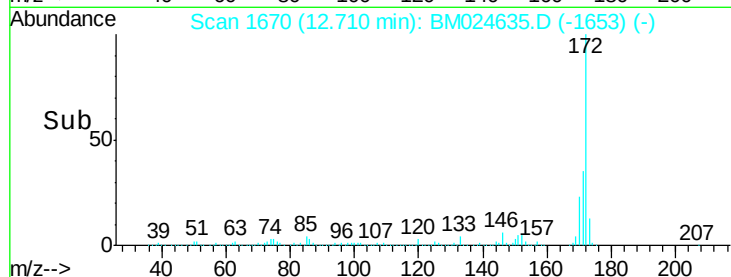
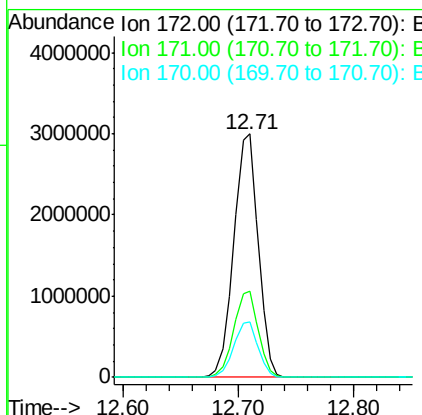
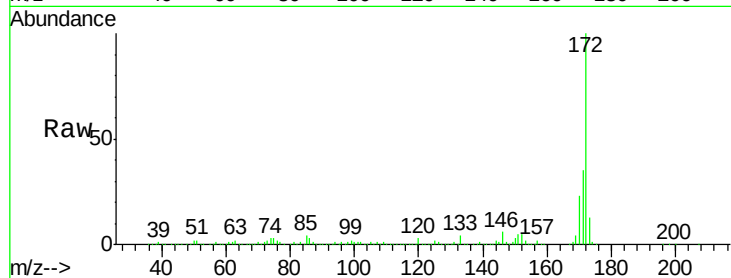




#45
2-Fluorobiphenyl
Concen: 74.052 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

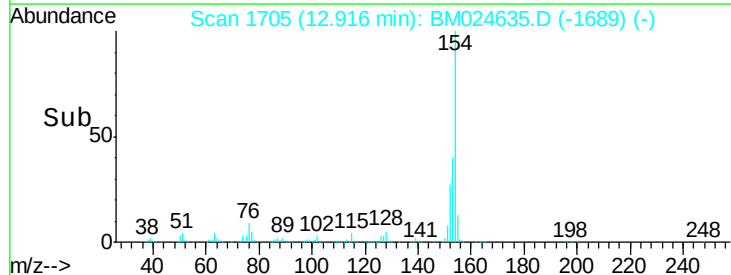
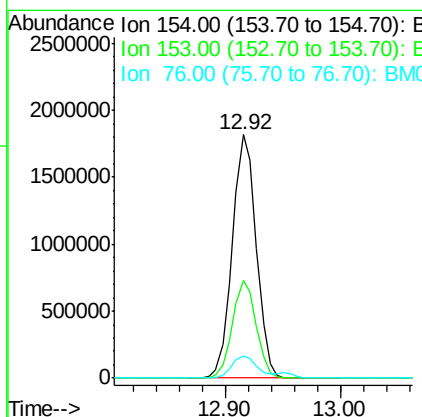
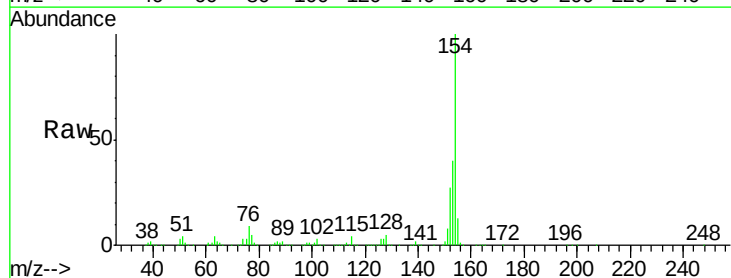
Instrument :
BNA_M
ClientSampleId :

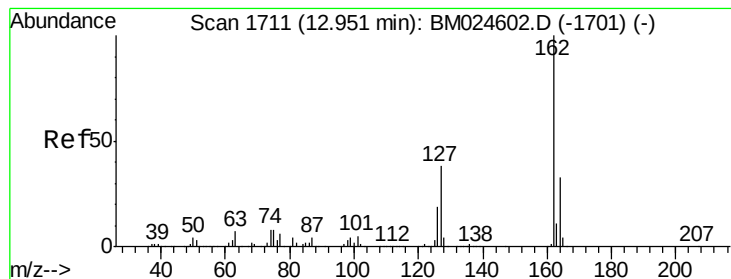
Tot Ion:172 Resp: 4396646
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.8 17.9 26.9



#46
1,1'-Biphenyl
Concen: 42.653 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:154 Resp: 2605448
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 9.3 0.0 30.5





#47

2-Chloronaphthalene

Concen: 42.324 ng

RT: 12.95 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

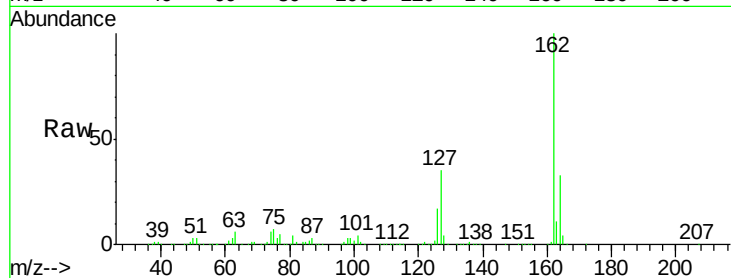
Tot Ion:162 Resp: 2087198

Ion Ratio Lower Upper

162 100

127 34.7 30.4 45.6

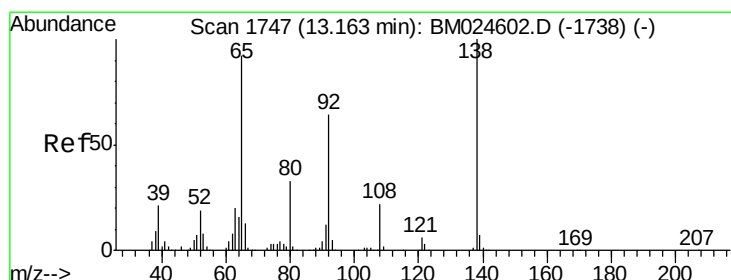
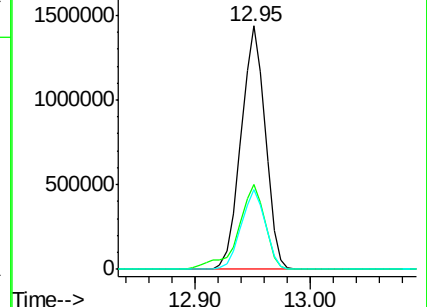
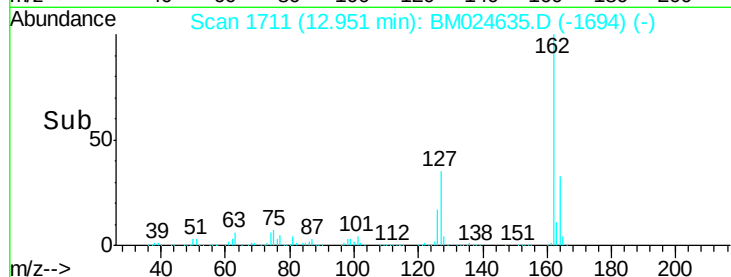
164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 31.357 ng

RT: 13.16 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

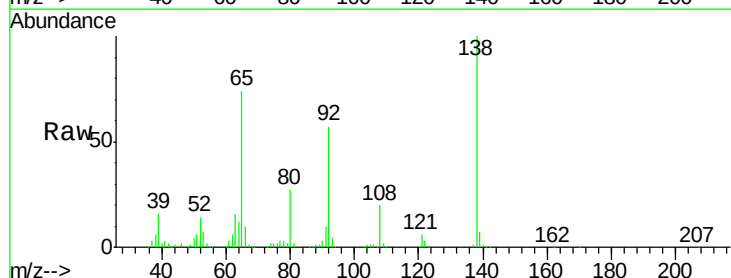
Tgt Ion: 65 Resp: 471621

Ion Ratio Lower Upper

65 100

92 77.0 55.4 83.2

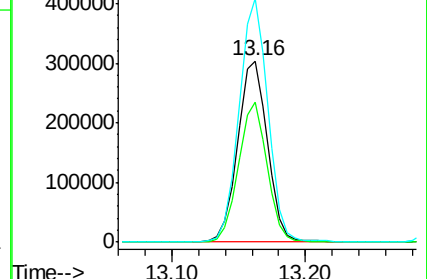
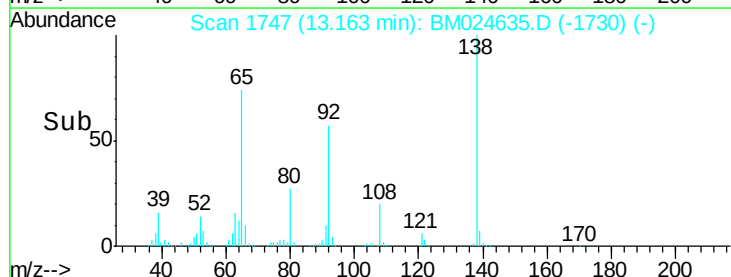
138 134.3 86.6 129.8#

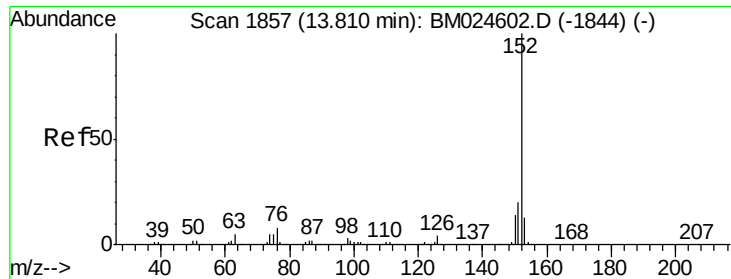


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.437 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

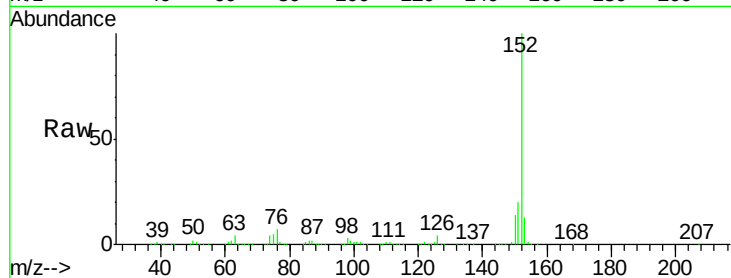
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3206685

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.4	15.6

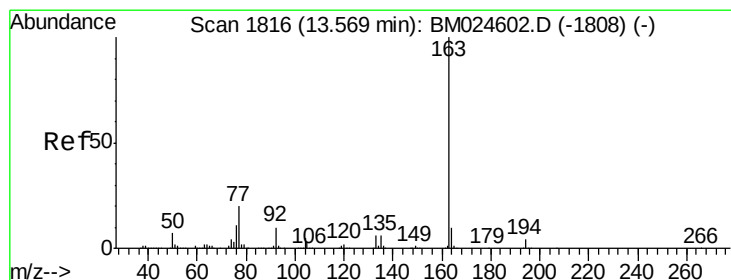
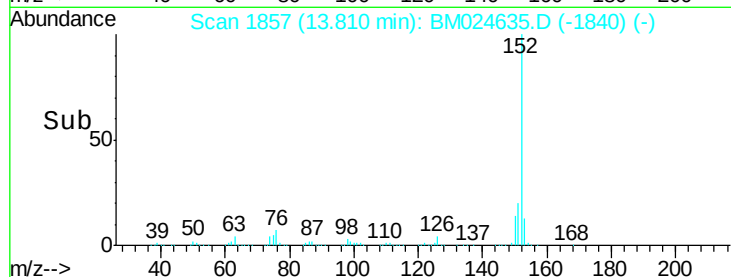
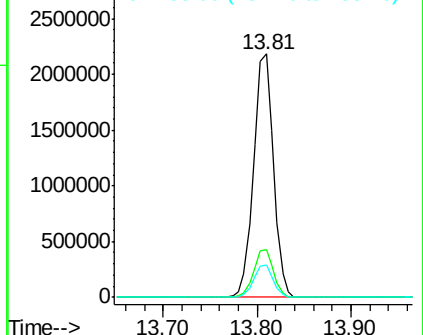


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.569 ng

RT: 13.57 min Scan# 1816

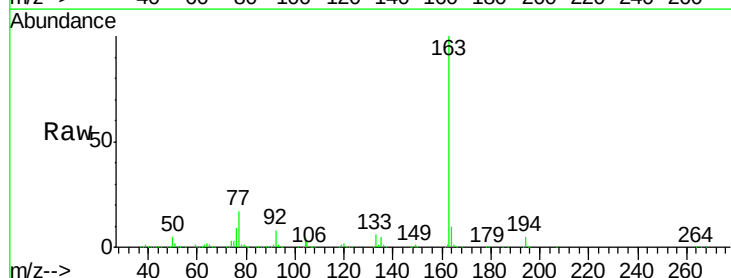
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:163 Resp: 2582677

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.0	8.0	12.0

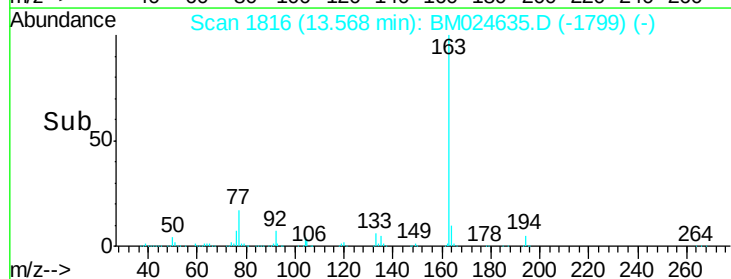
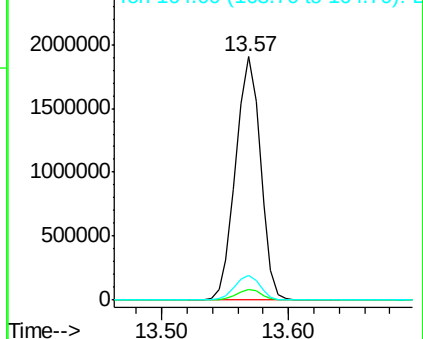


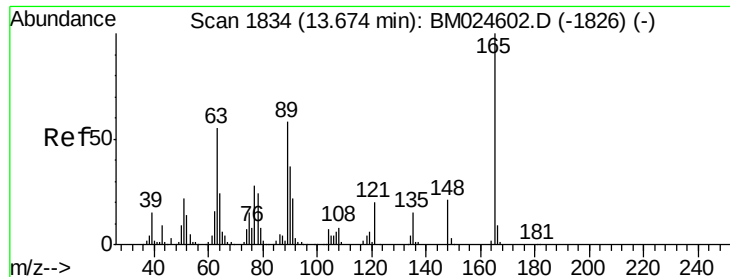
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

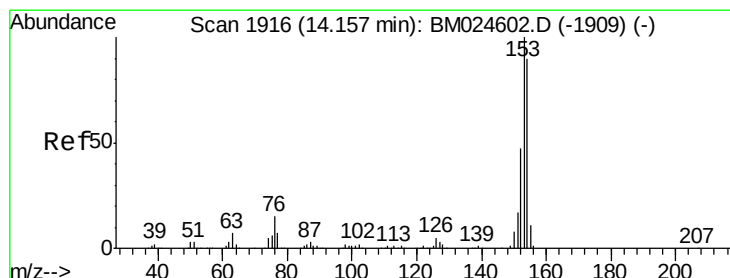
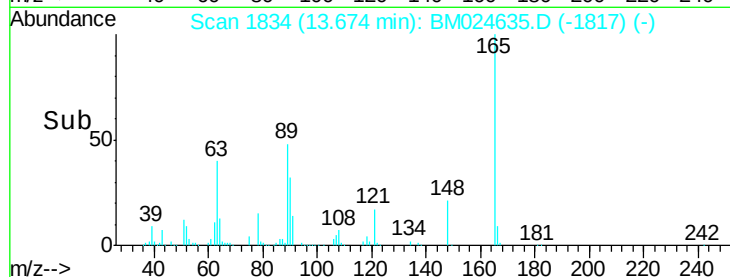
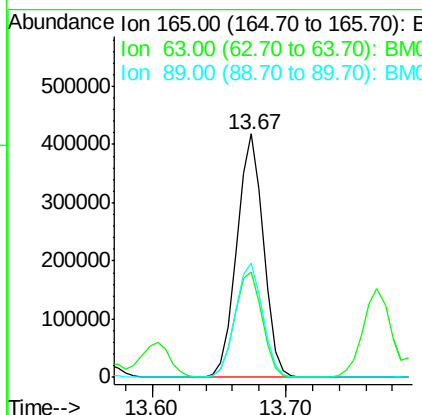
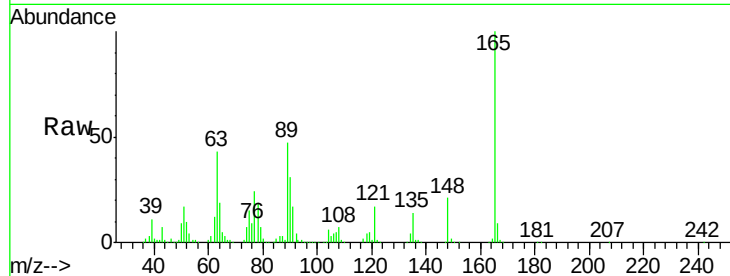




#51
 2,6-Dinitrotoluene
 Concen: 41.627 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

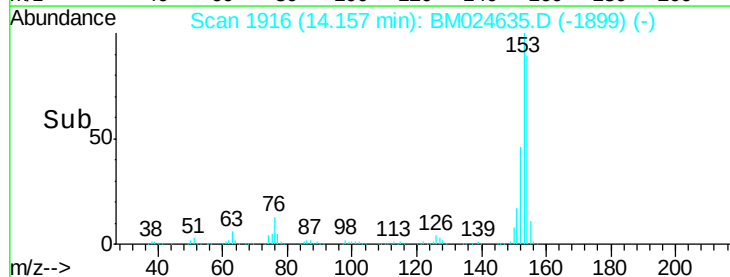
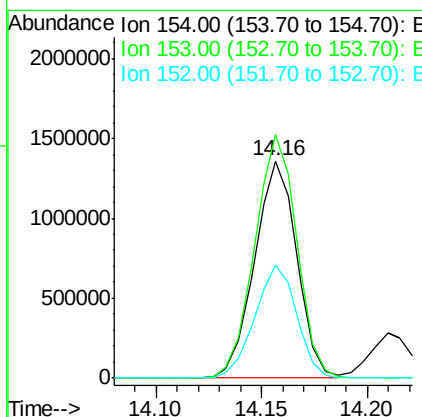
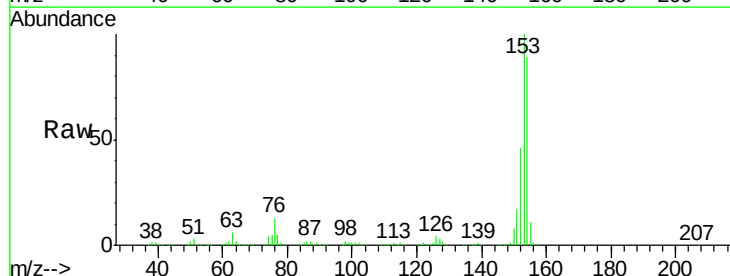
Instrument :
 BNA_M
 ClientSampleId :

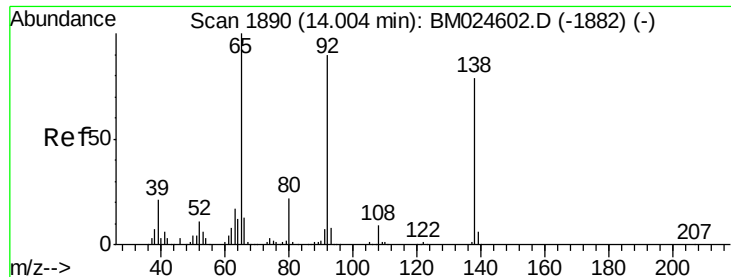
Tot Ion:165 Resp: 577654
 Ion Ratio Lower Upper
 165 100
 63 43.3 45.4 68.0#
 89 46.9 46.6 69.8



#52
 Acenaphthene
 Concen: 41.209 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:154 Resp: 1887775
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.1 133.7
 152 52.0 41.9 62.9

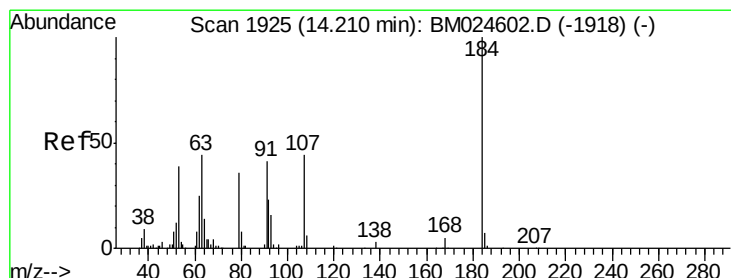
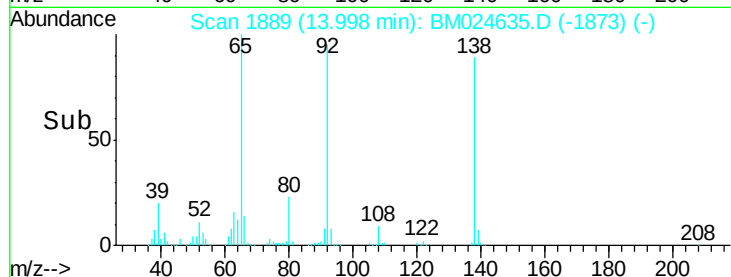
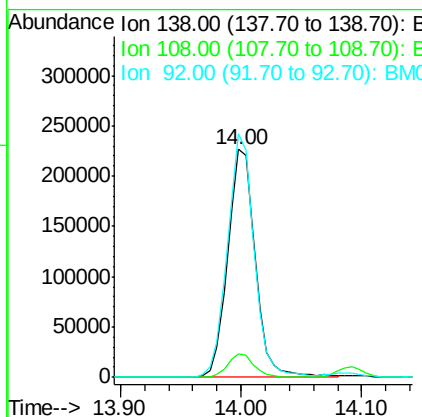
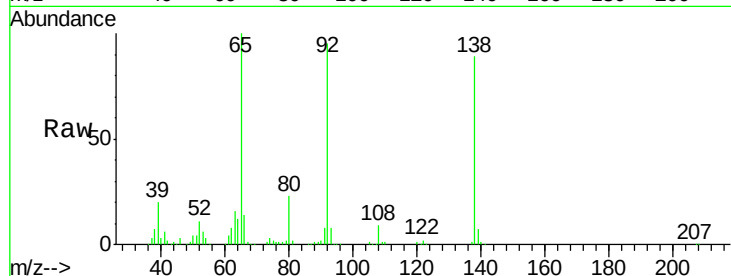




#53
 3-Nitroaniline
 Concen: 25.032 ng
 RT: 14.00 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

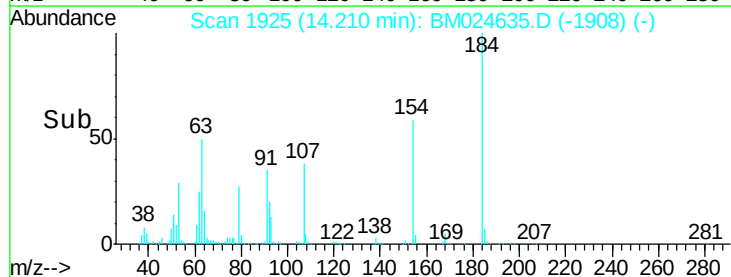
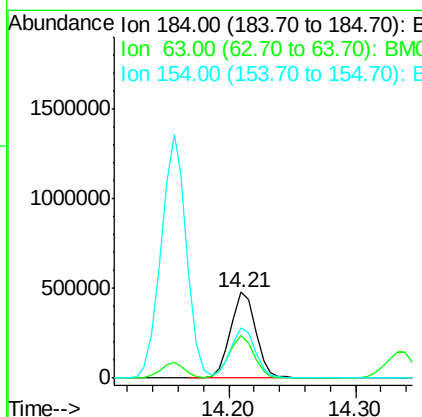
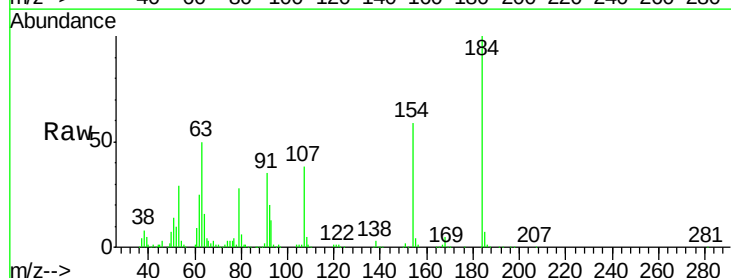
Instrument :
 BNA_M
 ClientSampleId :

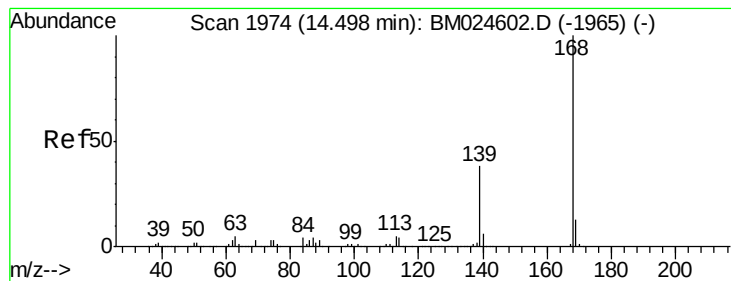
Tot Ion:138 Resp: 360287
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.7 13.1
 92 107.0 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 80.457 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:184 Resp: 667656
 Ion Ratio Lower Upper
 184 100
 63 50.0 51.8 77.8#
 154 58.9 50.2 75.4





#55

Dibenzenofuran

Concen: 41.972 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

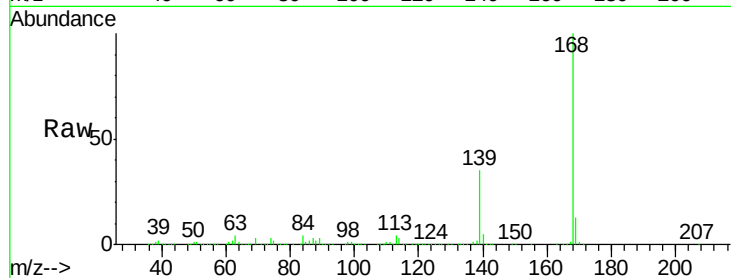
Tot Ion:168 Resp: 3135711

Ion Ratio Lower Upper

168 100

139 34.5 30.2 45.4

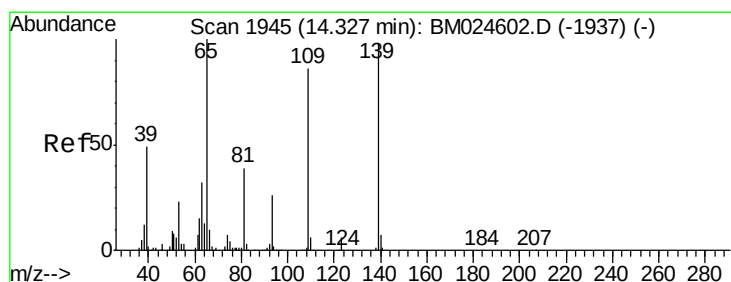
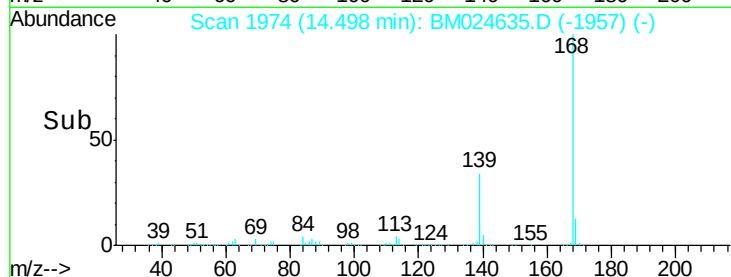
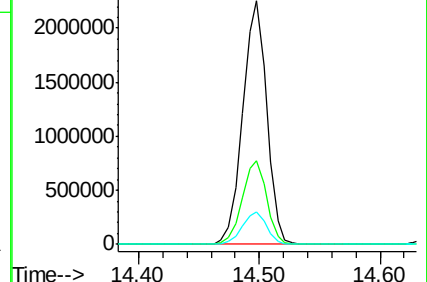
169 13.1 10.7 16.1



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: 78.622 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

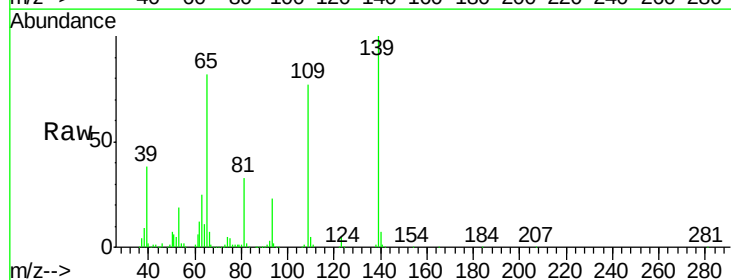
Tgt Ion:139 Resp: 884551

Ion Ratio Lower Upper

139 100

109 76.5 67.4 107.4

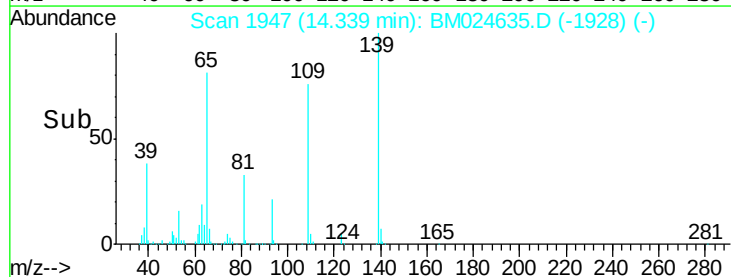
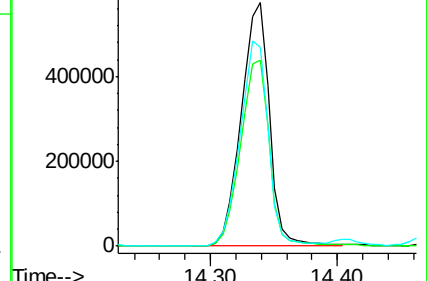
65 81.8 82.1 122.1#

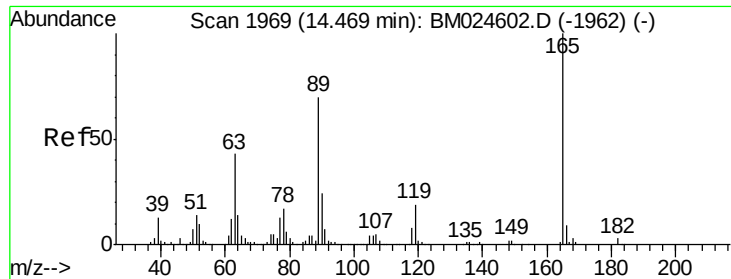


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

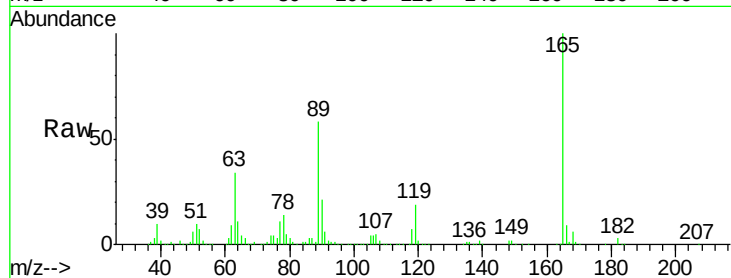




#57
 2,4-Dinitrotoluene
 Concen: 39.184 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	779296
Ion	Ratio	Lower	Upper
165	100		
63	34.0	34.5	51.7#
89	58.3	55.8	83.8
182	3.1	2.3	3.5

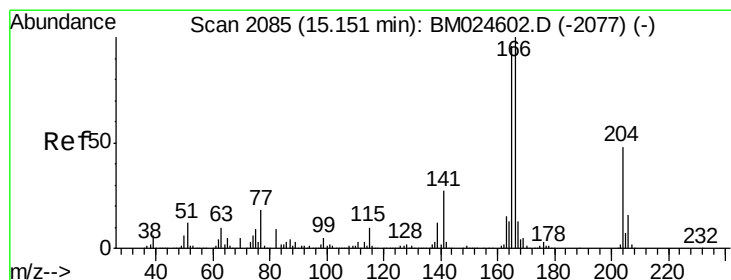
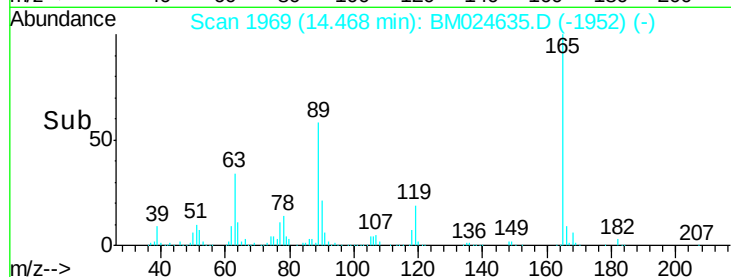
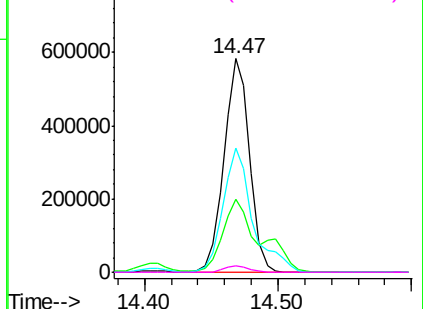


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

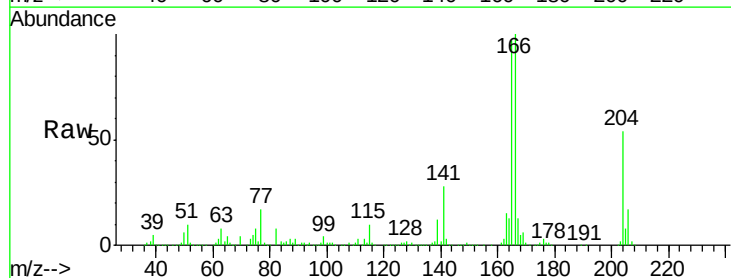
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.453 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

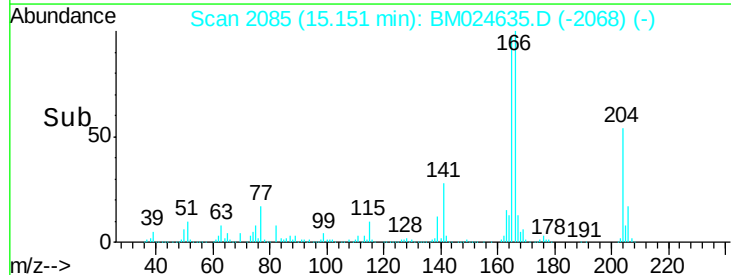
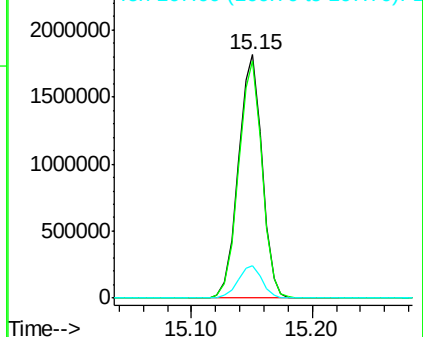
Tgt Ion:	166	Resp:	2477034
Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.6	114.8
167	13.3	10.8	16.2

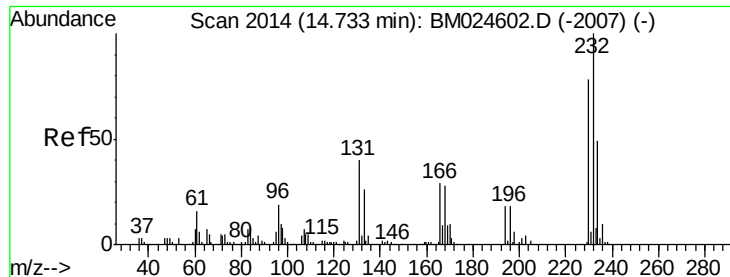


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

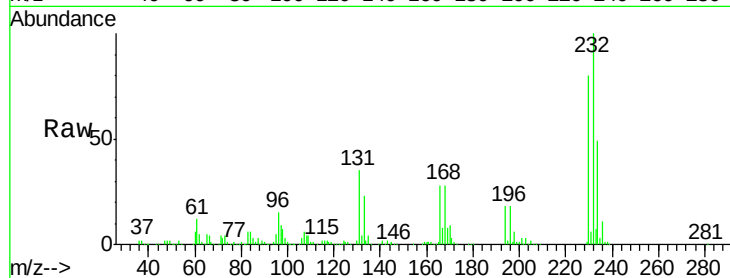




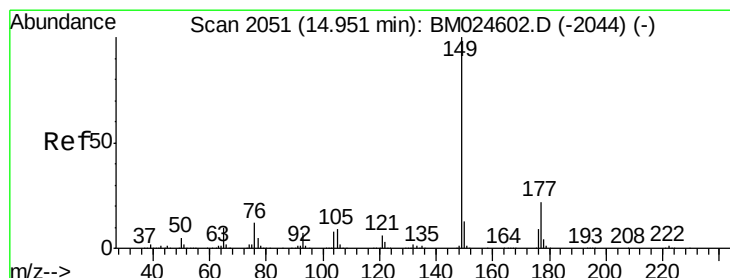
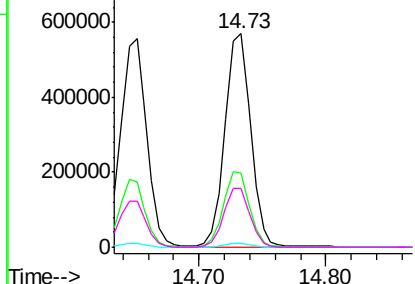
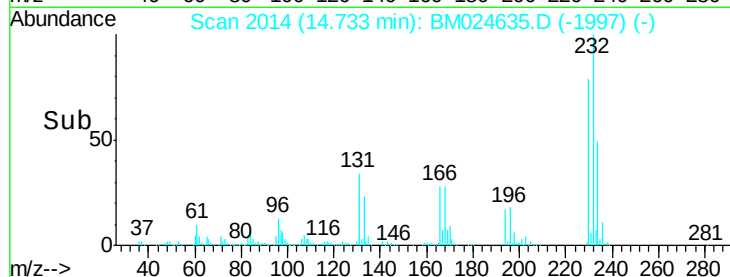
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.015 ng
RT: 14.73 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 797703
Ion Ratio Lower Upper
232 100
131 35.5 32.2 48.4
130 1.9 1.9 2.9#
166 28.0 23.4 35.0

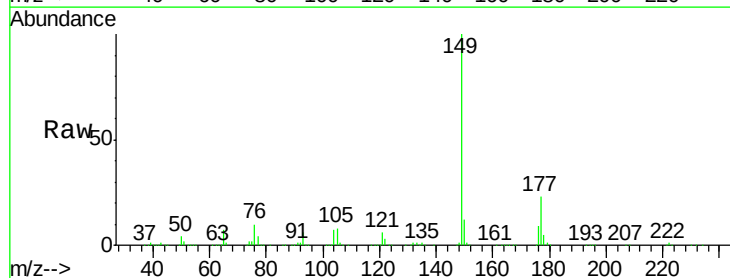


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

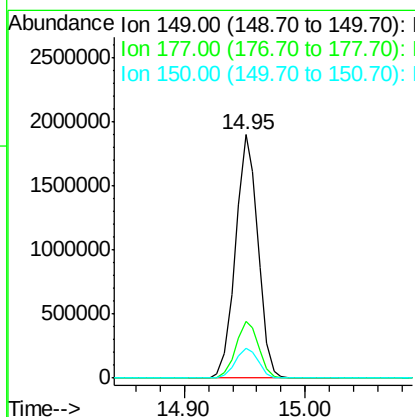
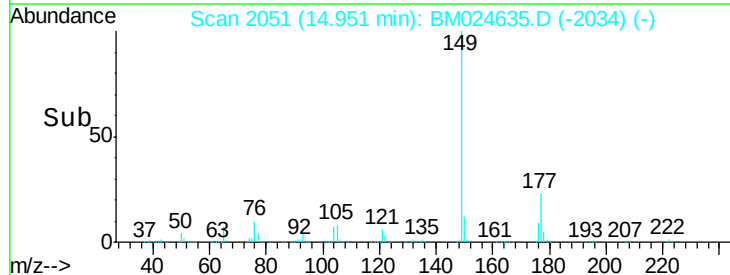


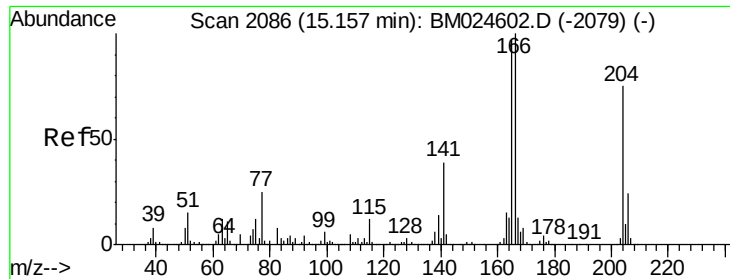
#60
Diethylphthalate
Concen: 37.113 ng
RT: 14.95 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:149 Resp: 2459260
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.4 10.2 15.4



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

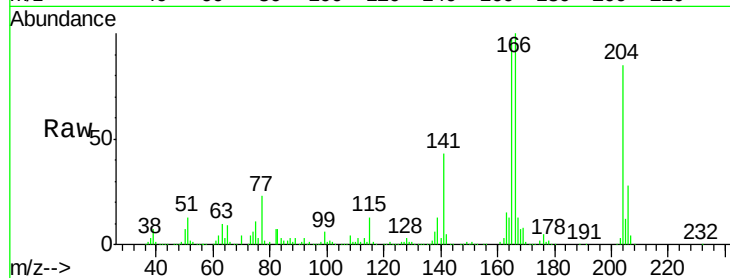




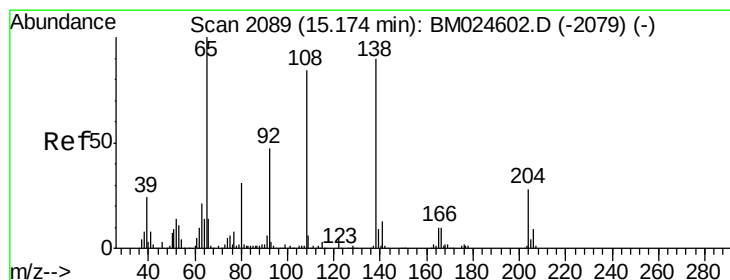
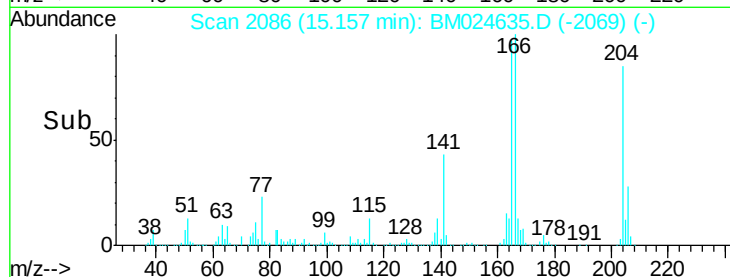
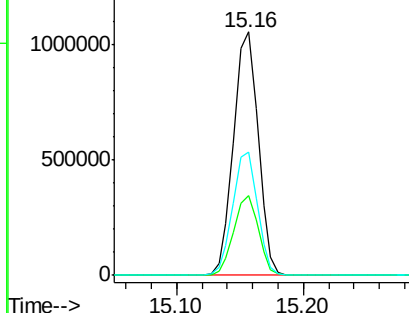
#61
 4-Chlorophenyl-phenylether
 Concen: 39.290 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1422163
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.2
 141 50.4 42.2 63.2

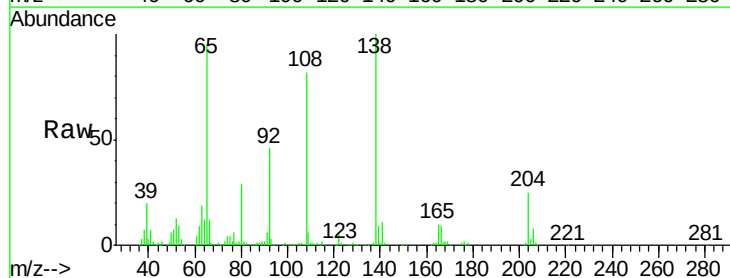


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

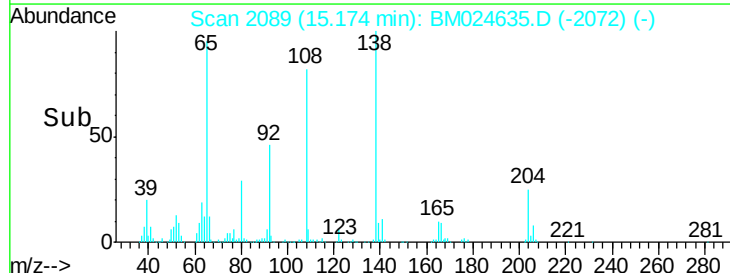
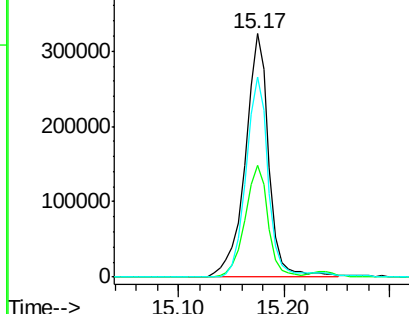


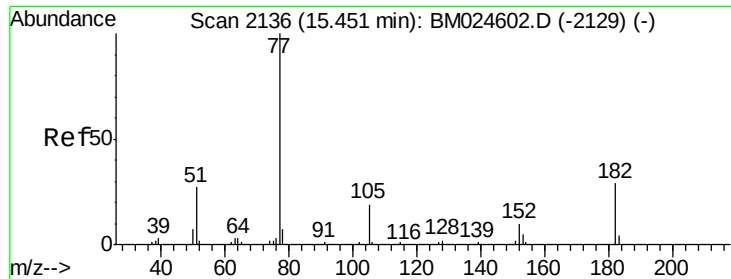
#62
 4-Nitroaniline
 Concen: 31.612 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:138 Resp: 502223
 Ion Ratio Lower Upper
 138 100
 92 46.1 32.4 72.4
 108 82.1 73.3 113.3



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: 34.258 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1936334

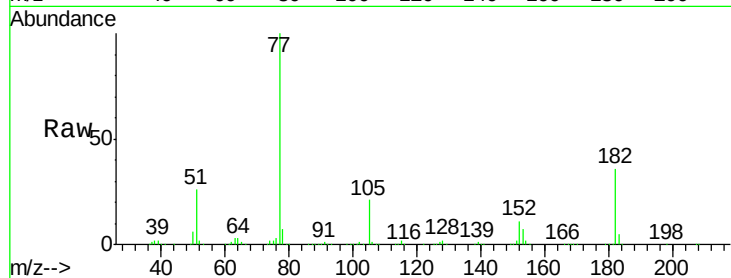
Ion Ratio Lower Upper

77 100

182 35.8 8.7 48.7

105 21.4 0.0 39.2

51 26.3 7.5 47.5

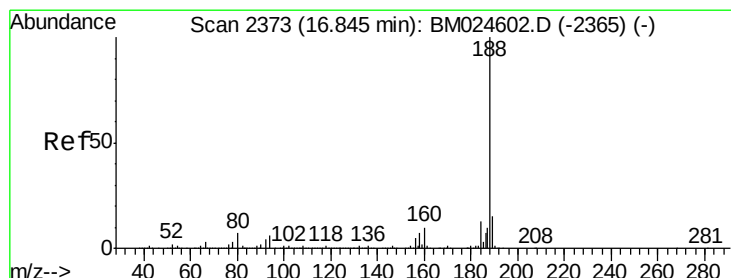
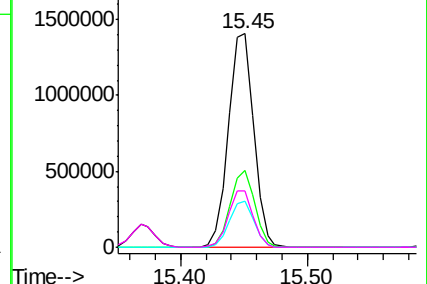
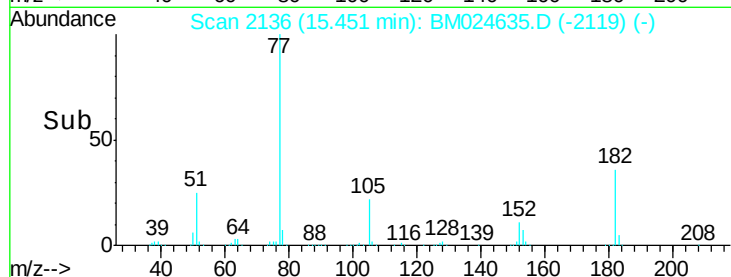


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.84 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

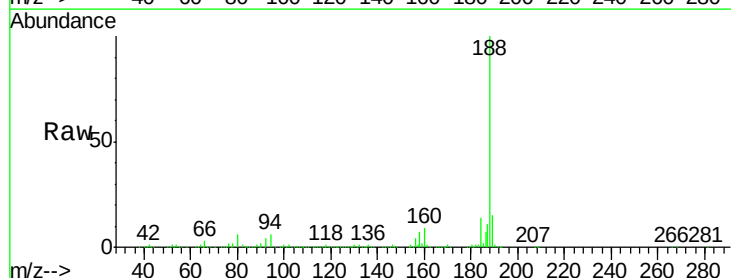
Tgt Ion: 188 Resp: 1685557

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.6

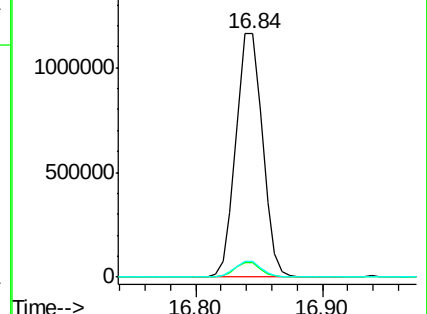
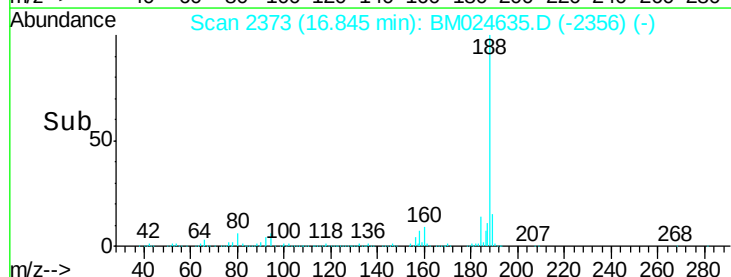
80 6.5 5.8 8.8

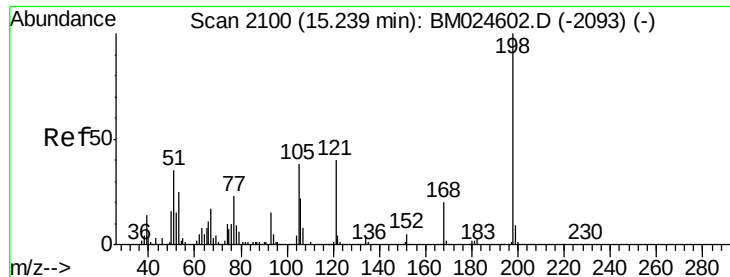


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

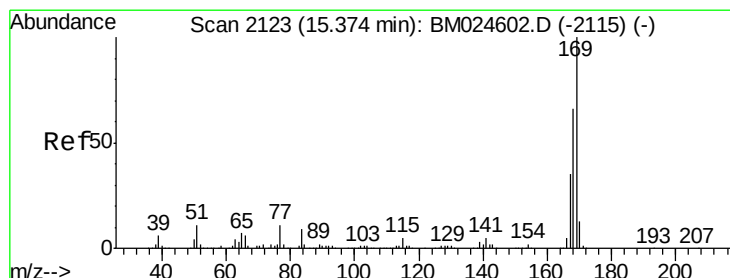
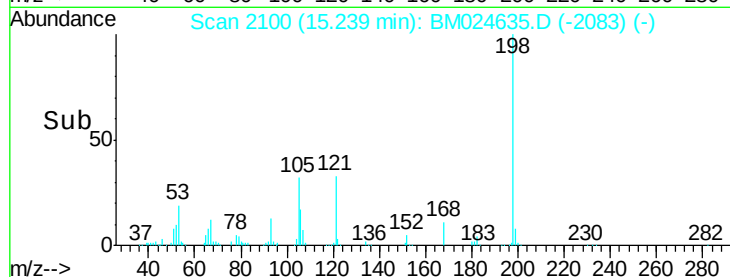
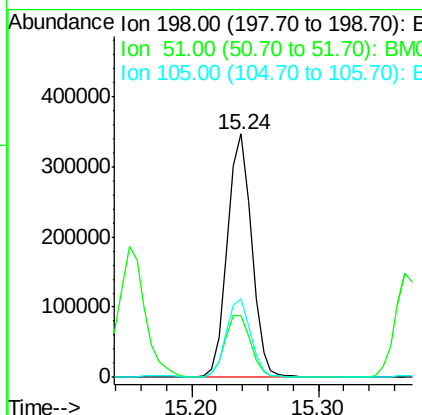
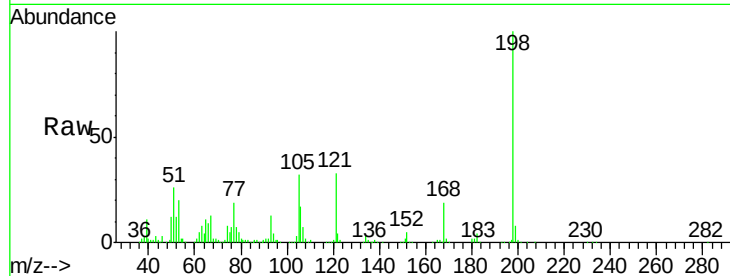




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.647 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

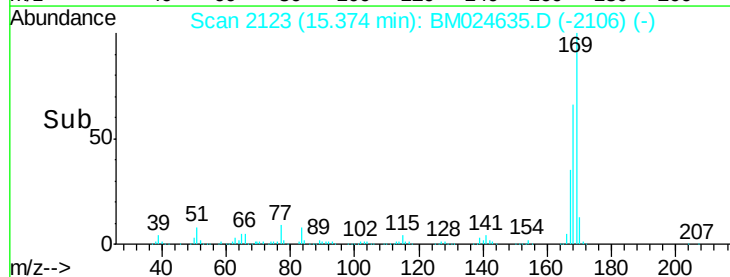
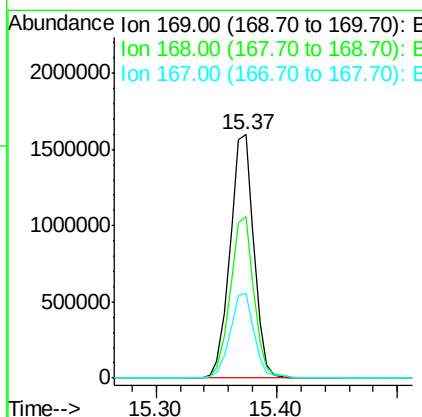
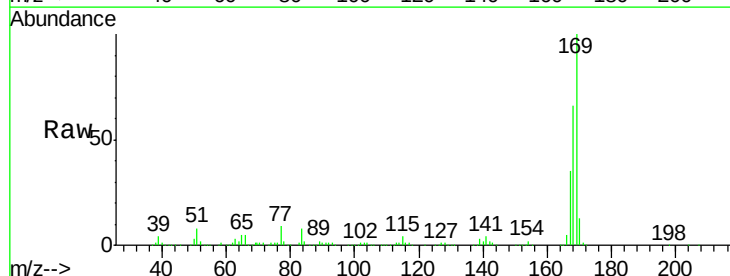
Instrument :
 BNA_M
 ClientSampled :

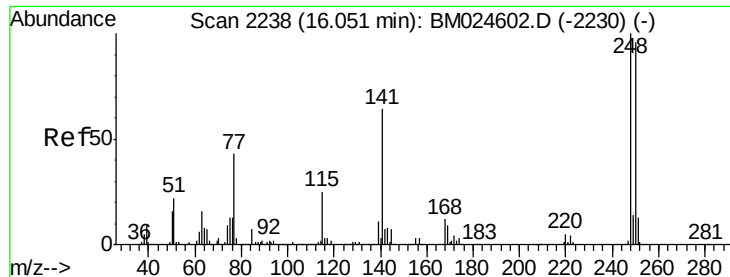
Tot Ion	Ratio	Lower	Upper
198	100		
51	25.6	15.8	55.8
105	32.3	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.188 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.8	79.2
167	34.7	28.2	42.2

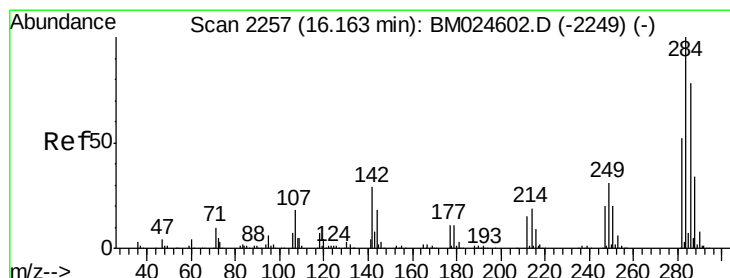
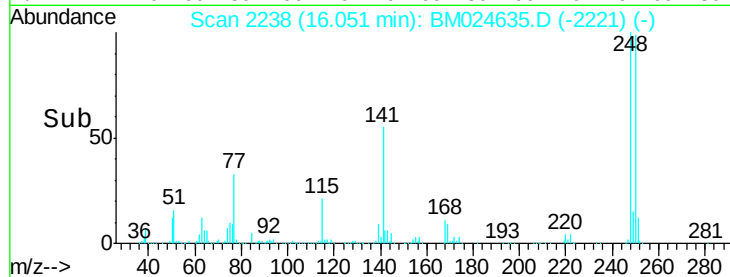
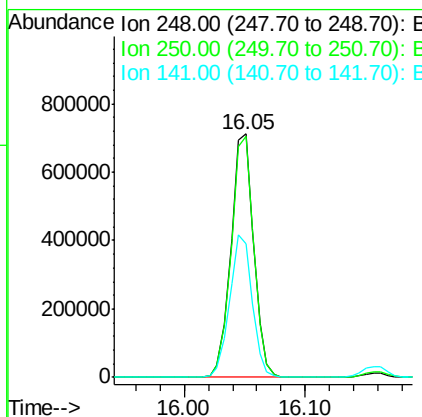
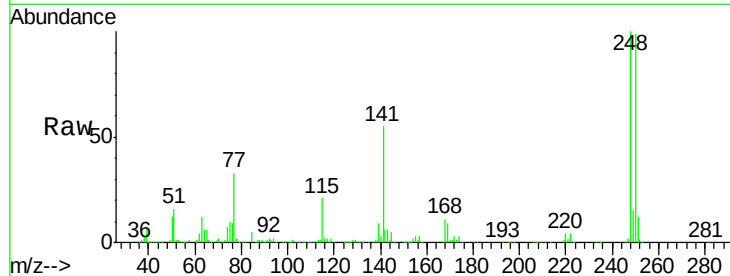




#67
4-Bromophenyl-phenylether
Concen: 44.681 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

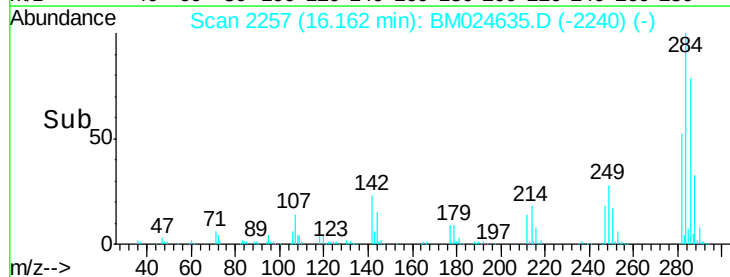
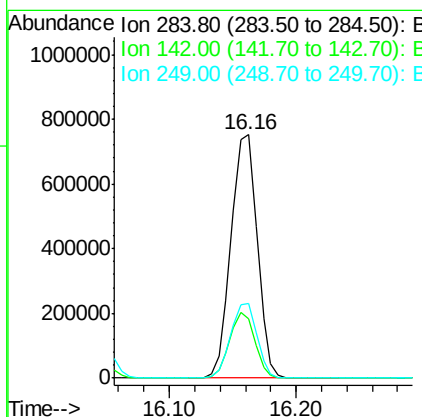
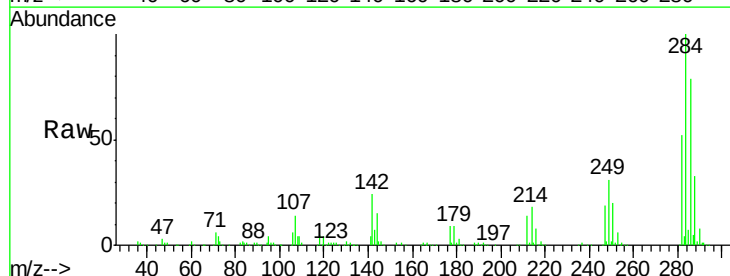
Instrument :
BNA_M
ClientSampled :

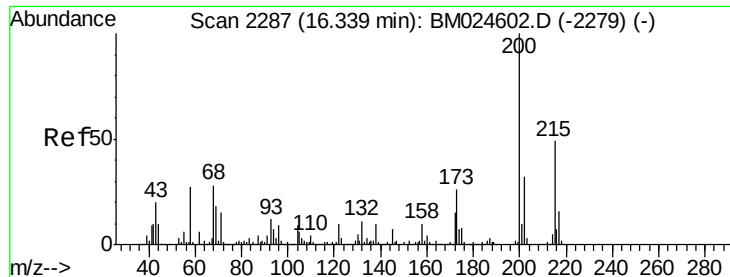
Tot Ion:248 Resp: 936575
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 55.1 50.9 76.3



#68
Hexachlorobenzene
Concen: 44.614 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:284 Resp: 1073160
Ion Ratio Lower Upper
284 100
142 24.3 23.5 35.3
249 30.7 24.6 36.8





#69

Atrazine

Concen: 44.706 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

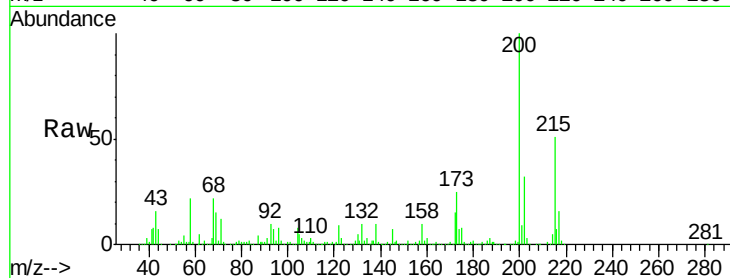
Tot Ion:200 Resp: 830865

Ion Ratio Lower Upper

200 100

173 24.7 5.5 45.5

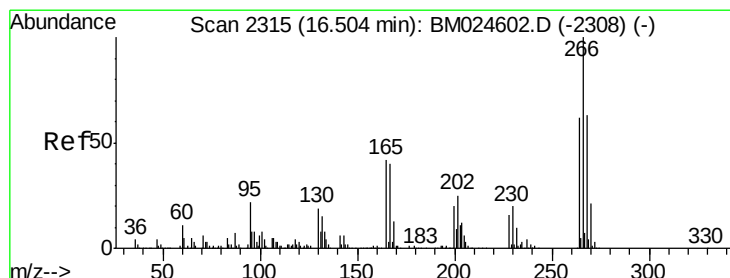
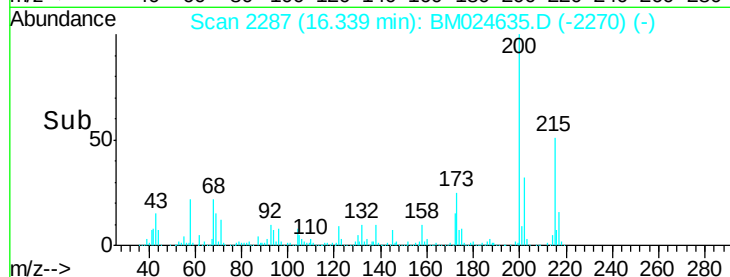
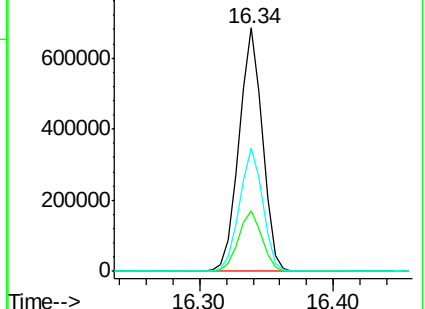
215 50.9 29.4 69.4



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: 87.338 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

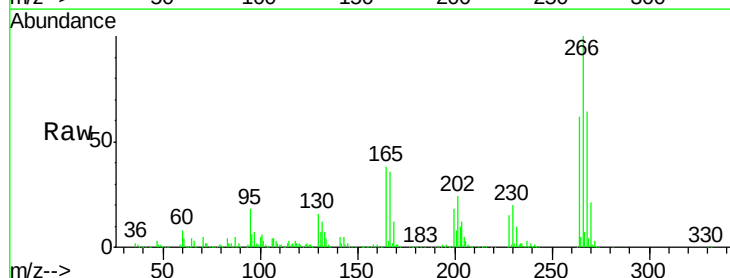
Tgt Ion:266 Resp: 1279663

Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

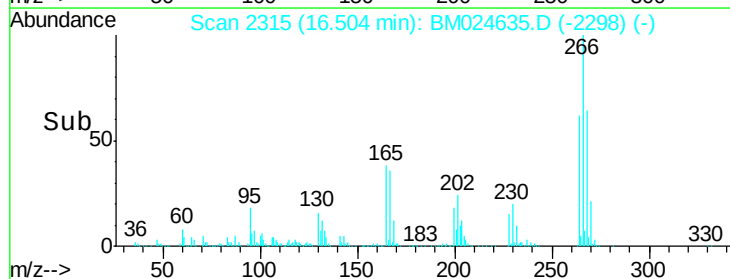
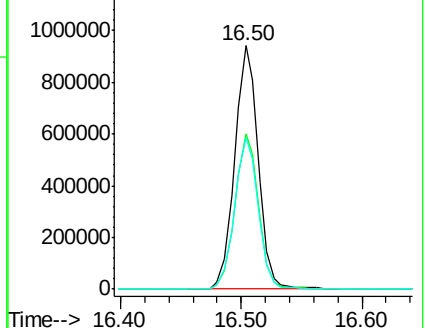
264 62.2 49.9 74.9

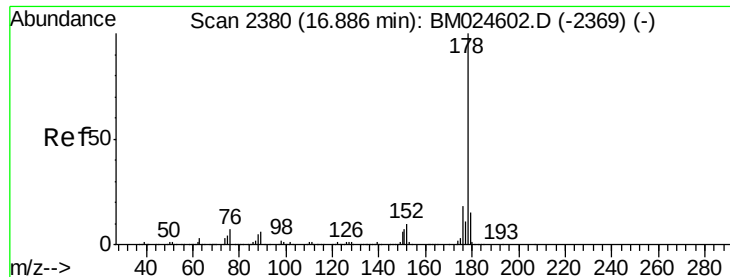


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

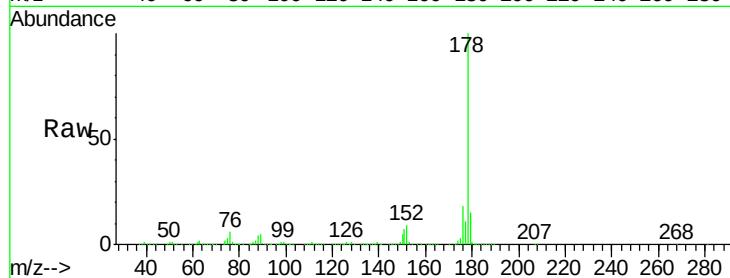




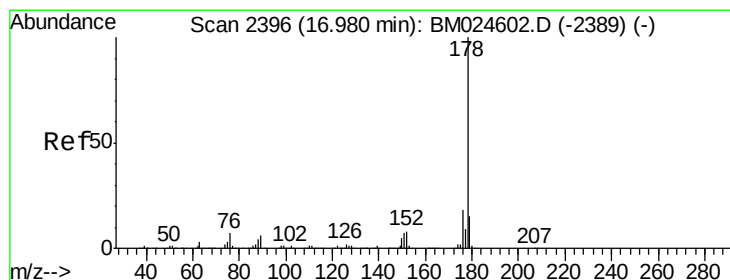
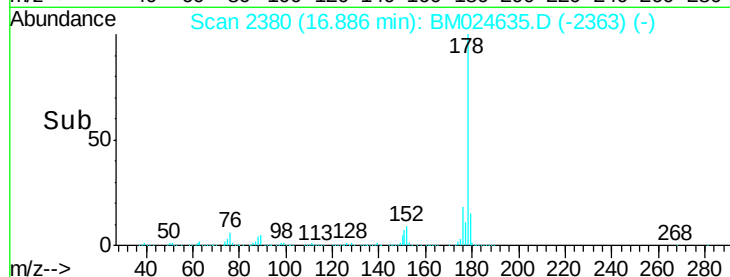
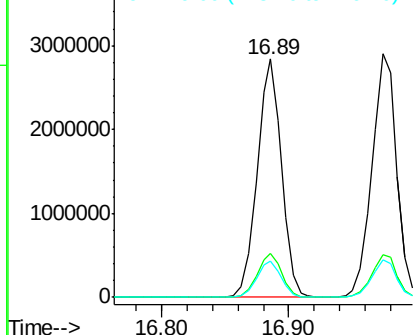
#71
Phenanthrene
Concen: 41.562 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3793595
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 11.9 17.9

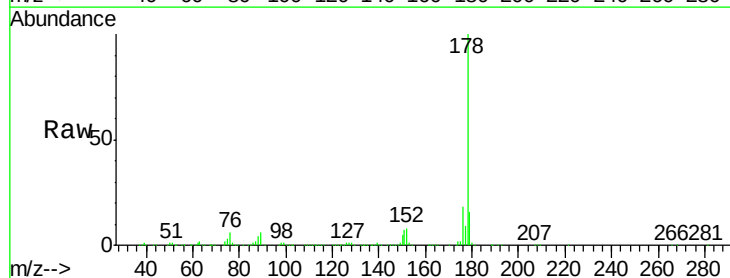


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

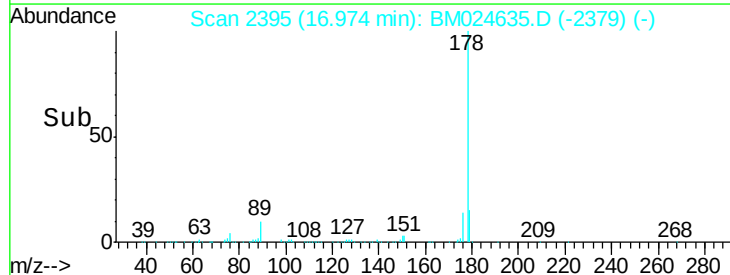
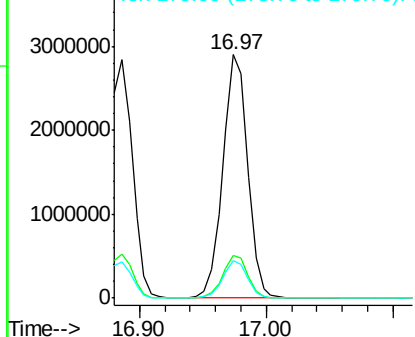


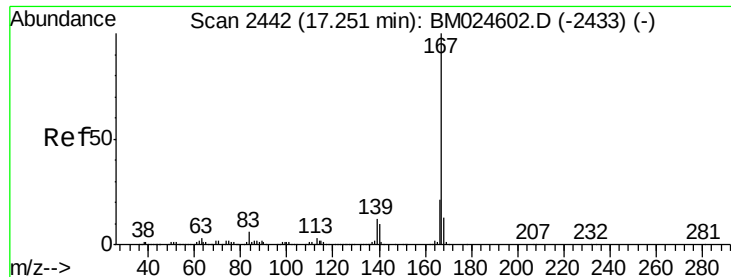
#72
Anthracene
Concen: 43.704 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:178 Resp: 3903279
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.6 12.1 18.1



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

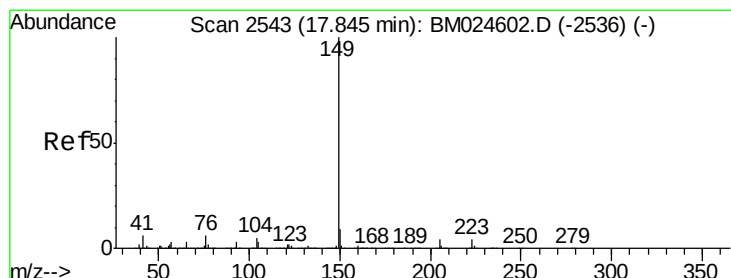
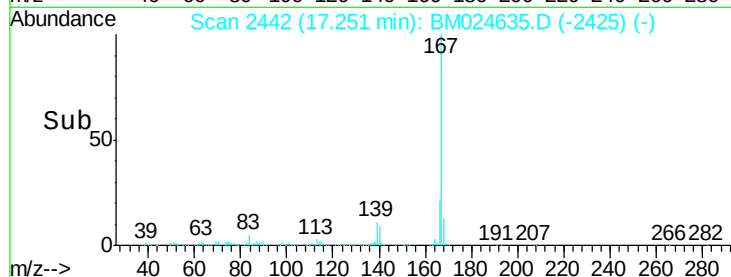
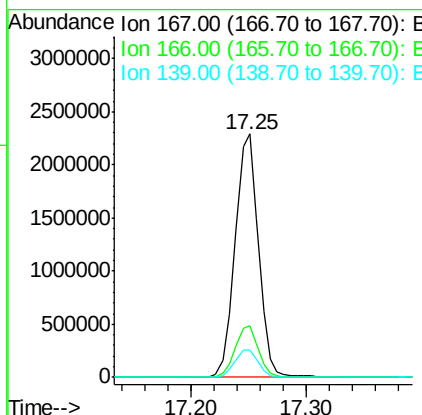
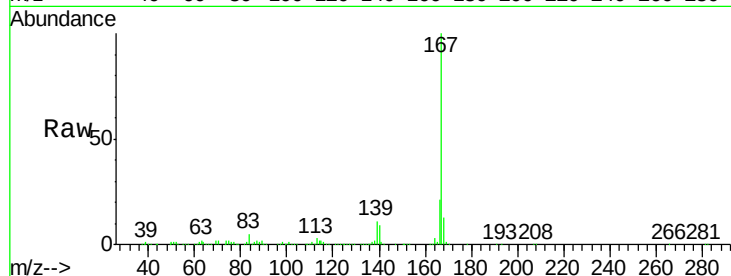




#73
 Carbazole
 Concen: 39.469 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

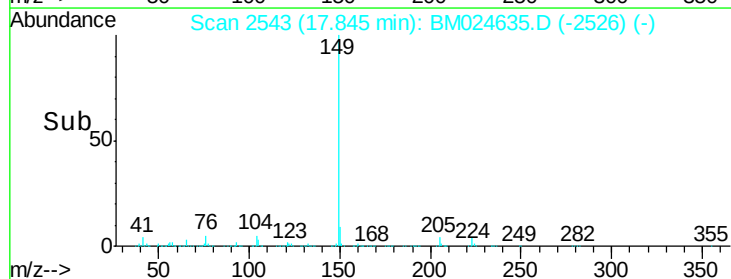
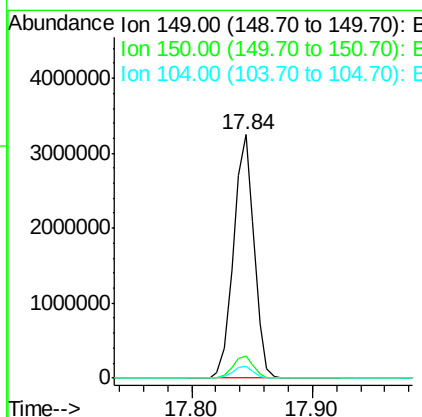
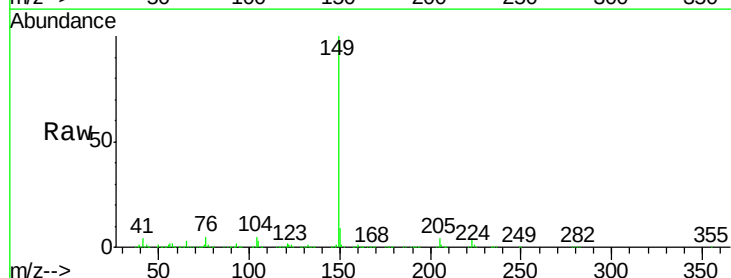
Instrument :
 BNA_M
 ClientSampleId :

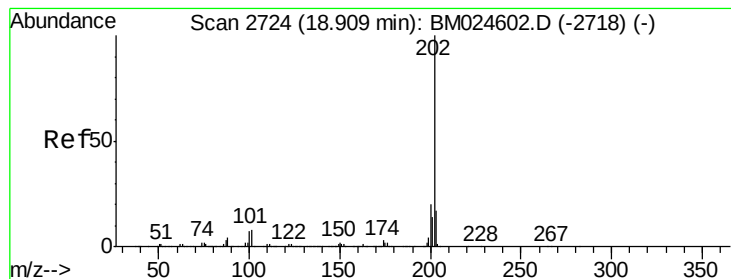
Tot Ion:167 Resp: 3208965
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 11.4 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 36.866 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:149 Resp: 3831816
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 37.425 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

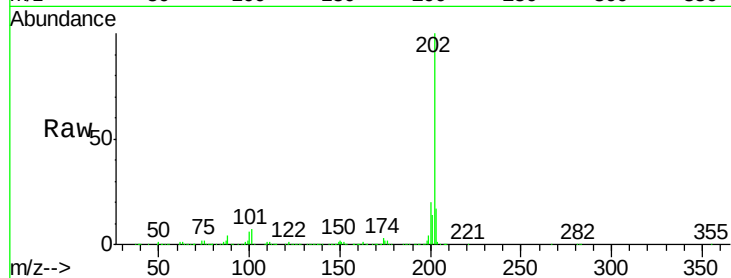
Tot Ion:202 Resp: 4263489

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.4

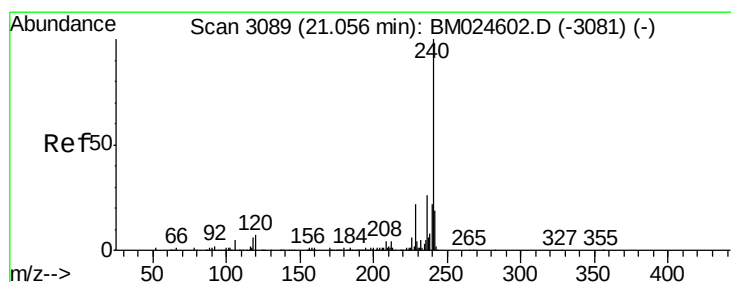
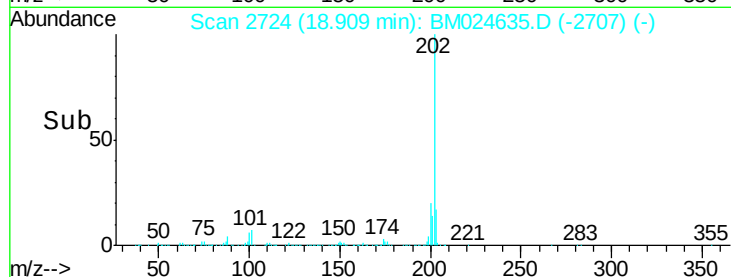
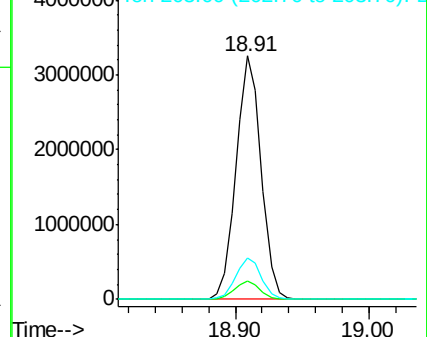
203 17.3 0.0 37.5



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

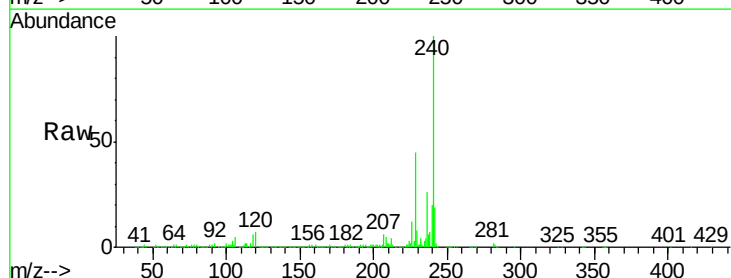
Tgt Ion:240 Resp: 1218125

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

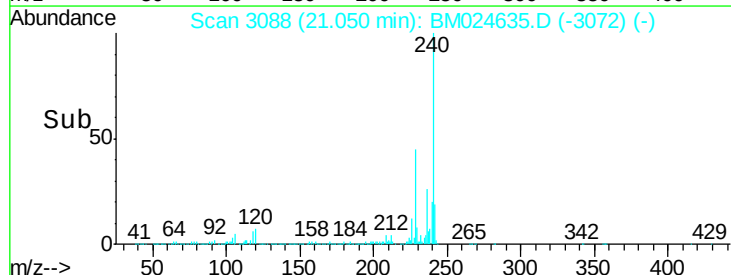
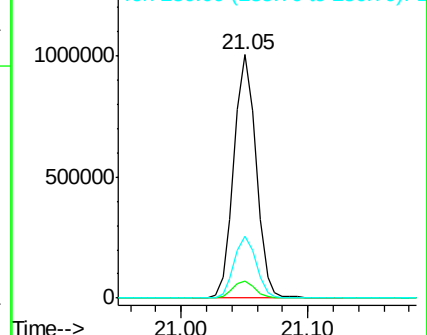
236 25.5 20.6 31.0

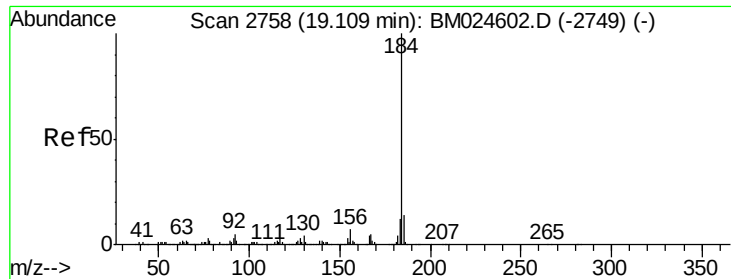


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 82.715 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

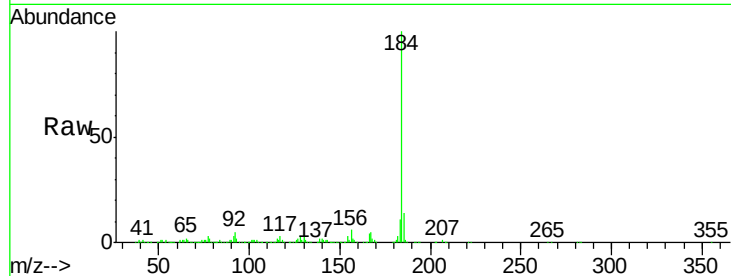
Tot Ion:184 Resp: 2346488

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

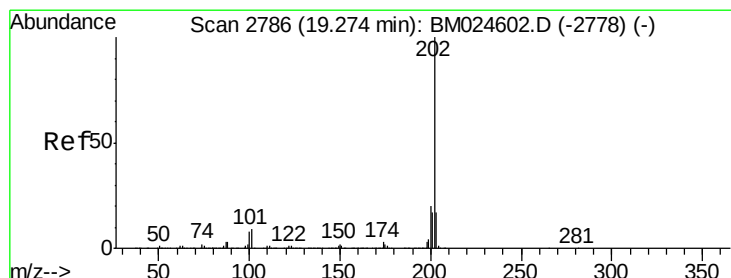
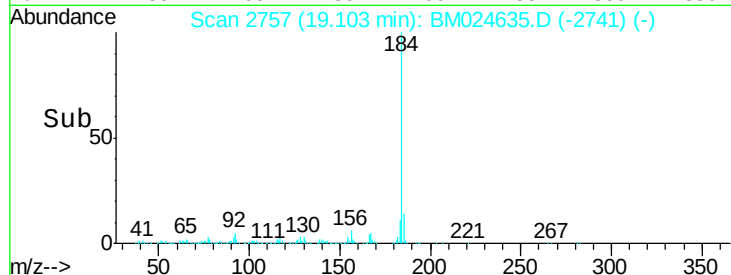
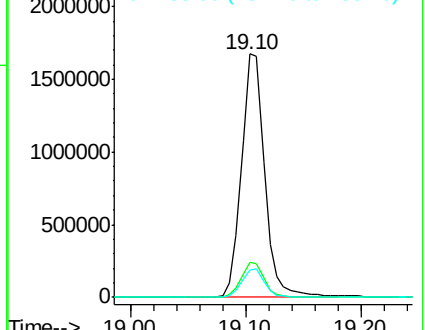
183 11.5 9.6 14.4



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: 53.029 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

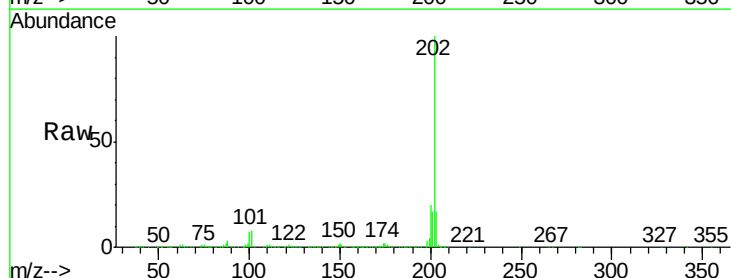
Tgt Ion:202 Resp: 4258415

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

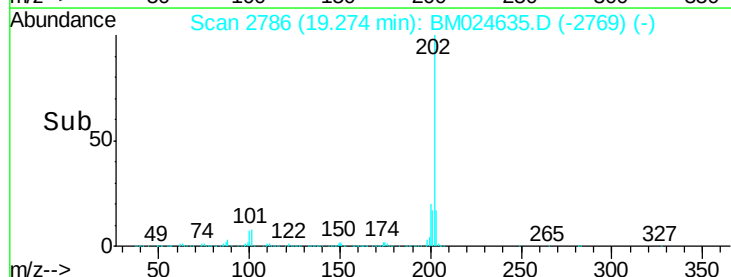
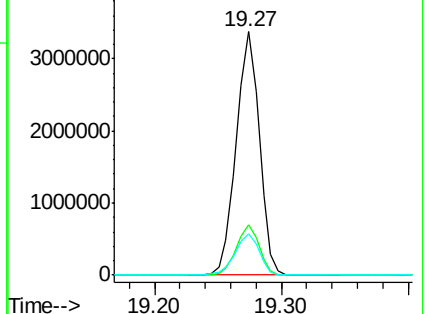
203 17.1 14.0 21.0

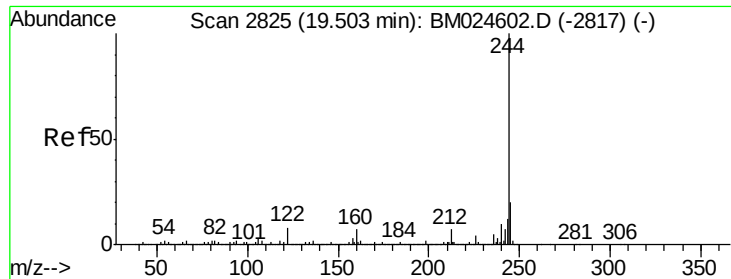


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.969 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

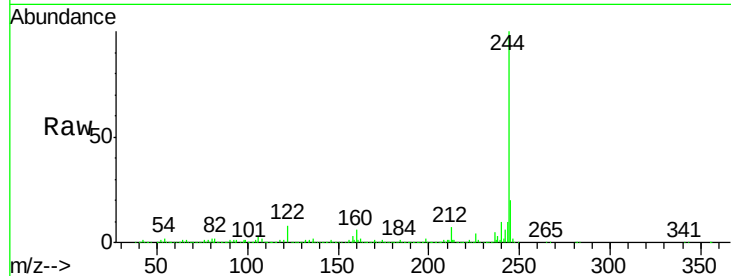
Tot Ion:244 Resp: 6066079

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

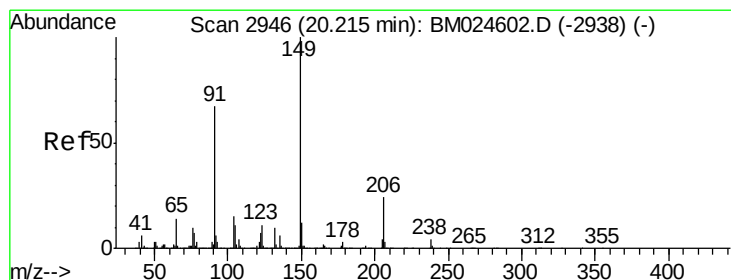
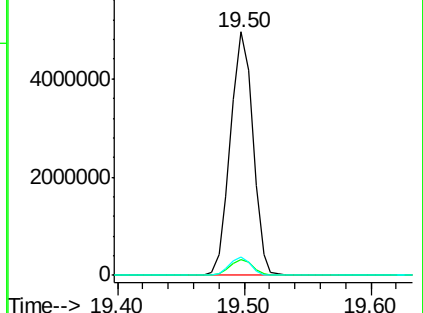
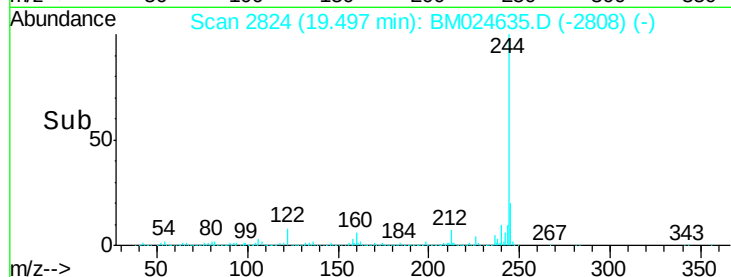
122 7.6 6.2 9.4



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: 41.956 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

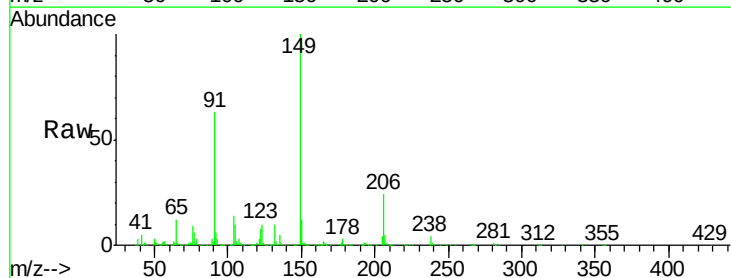
Tgt Ion:149 Resp: 1413760

Ion Ratio Lower Upper

149 100

91 63.4 53.9 80.9

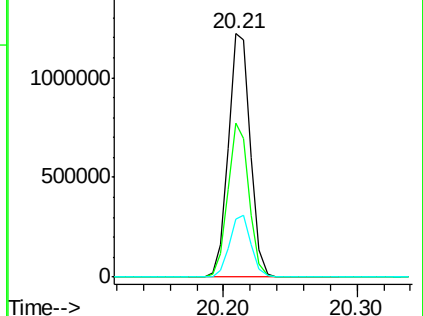
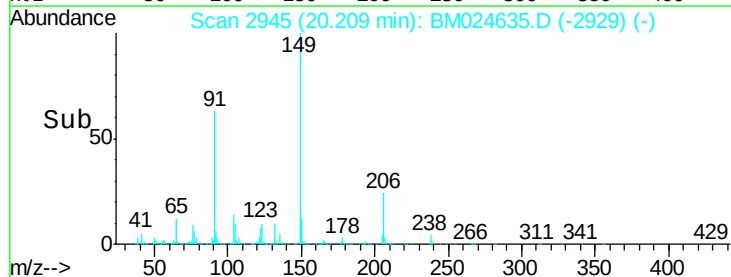
206 24.1 19.0 28.6

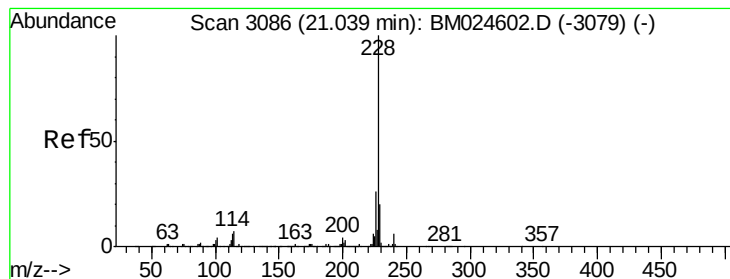


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.381 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

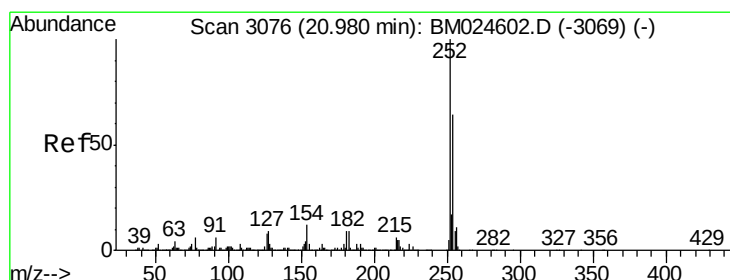
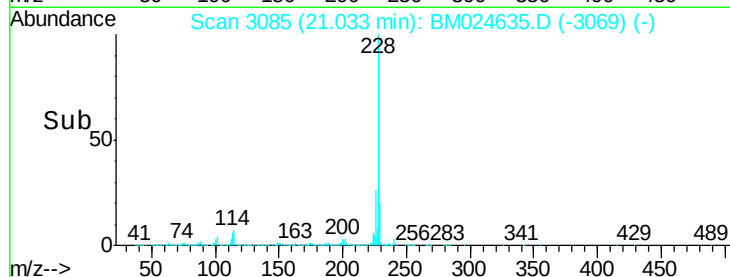
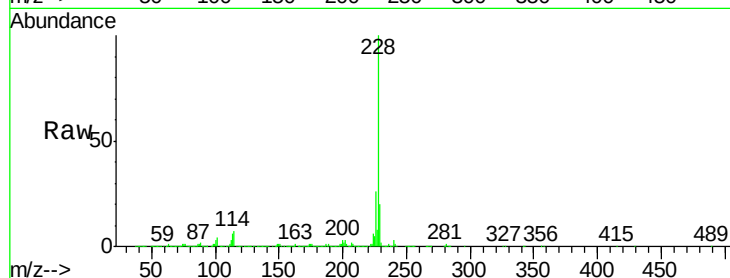
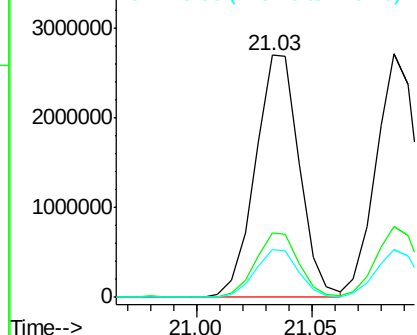
Tot Ion:228 Resp: 3583116

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.1	31.7
229	19.6	15.8	23.6

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: 30.397 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

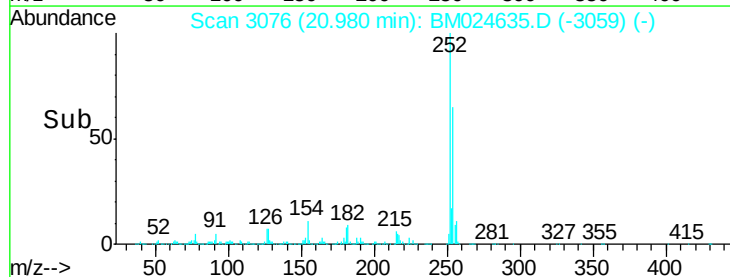
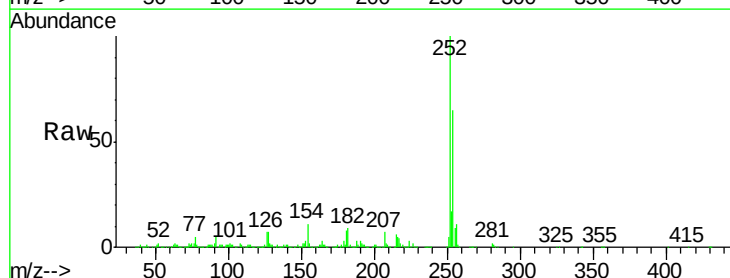
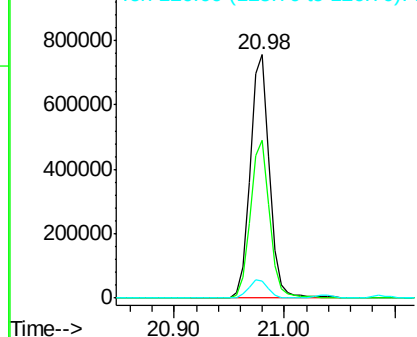
Tgt Ion:252 Resp: 924467

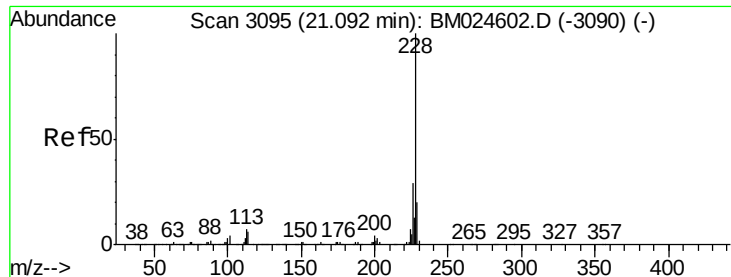
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	7.2	6.7	10.1

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: 41.594 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

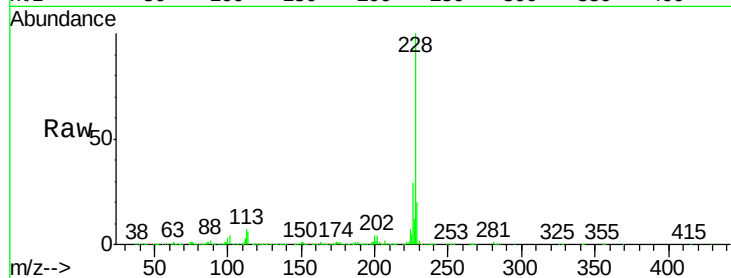
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3355493

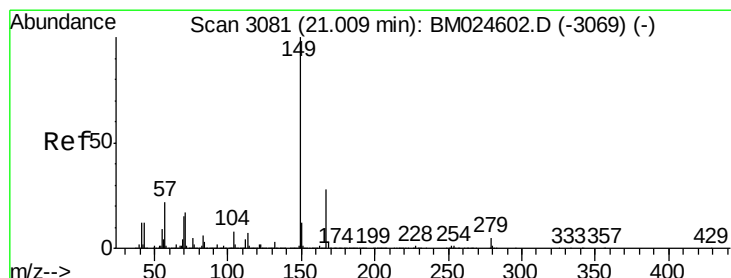
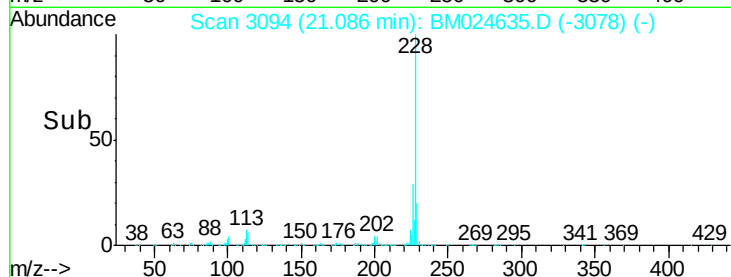
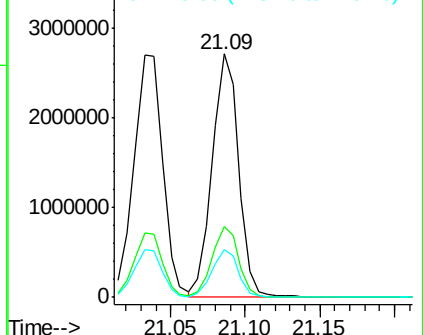
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	19.9	15.7	23.5



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: 38.603 ng

RT: 21.01 min Scan# 3081

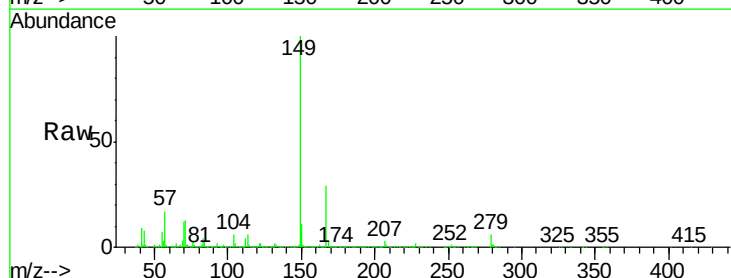
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:149 Resp: 1919308

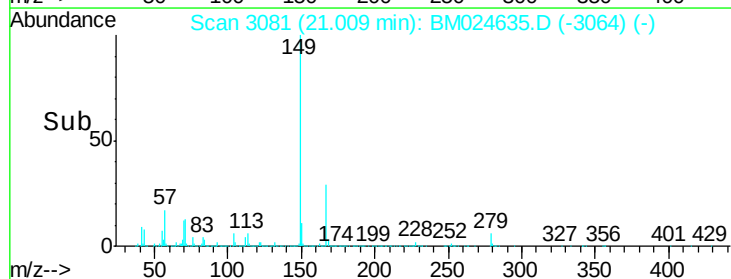
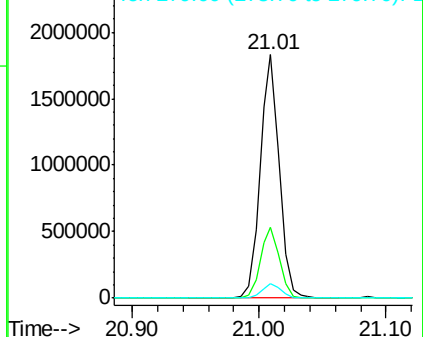
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	6.0	4.0	6.0

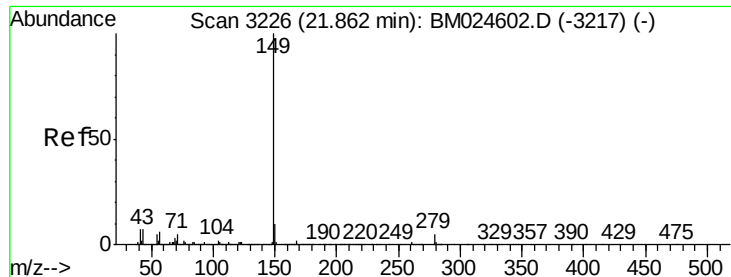


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

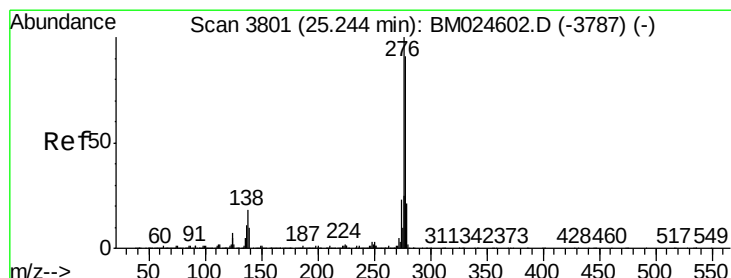
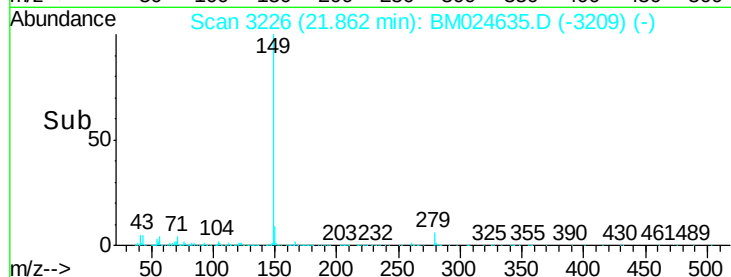
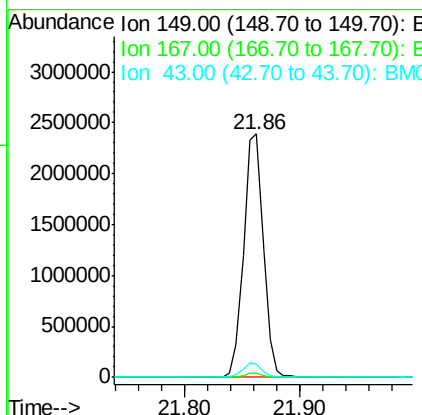
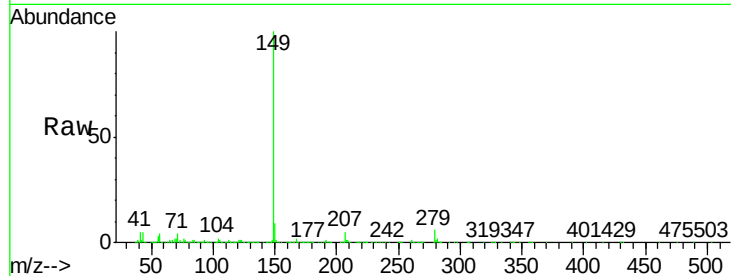




#85
Di-n-octyl phthalate
Concen: 34.324 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

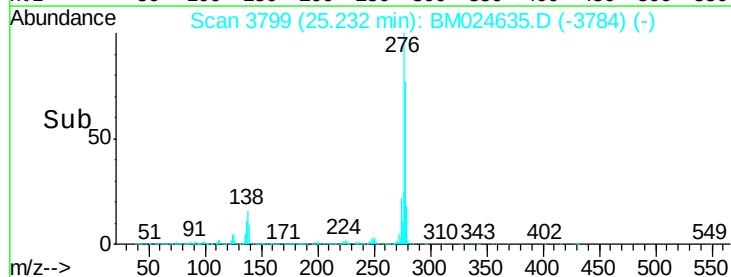
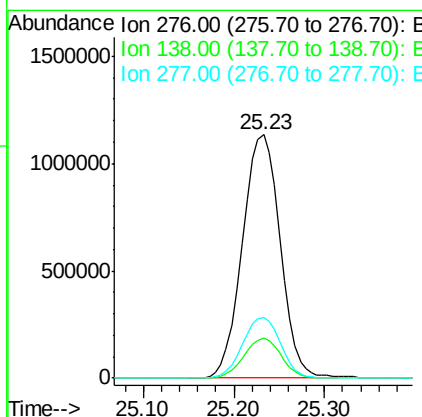
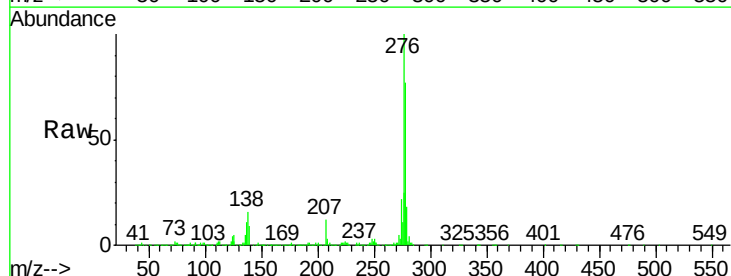
Instrument :
BNA_M
ClientSampleId :

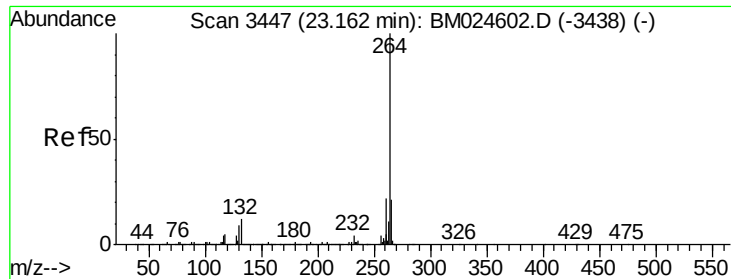
Tot Ion:149 Resp: 2819485
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.7 5.8 8.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.449 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:276 Resp: 3292856
Ion Ratio Lower Upper
276 100
138 16.3 13.4 20.0
277 25.2 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

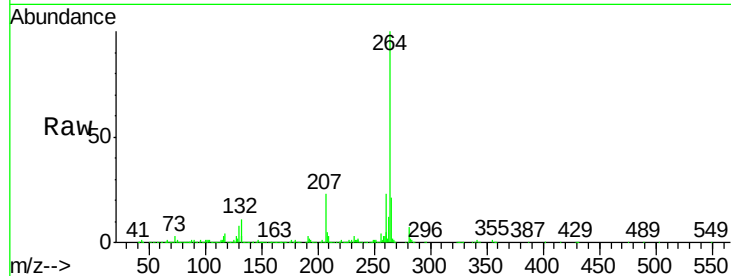
Tot Ion:264 Resp: 1102307

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.5	17.3	25.9

264 100

260 23.1 17.9 26.9

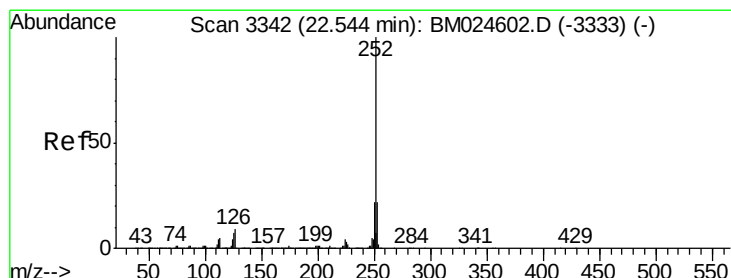
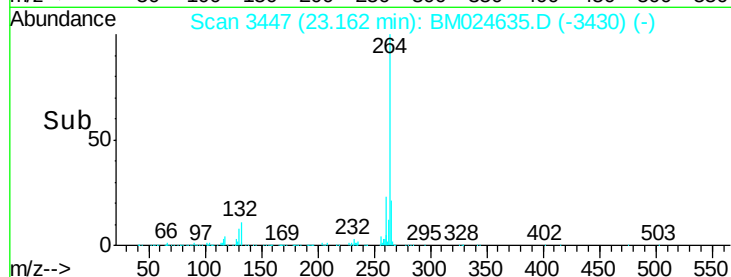
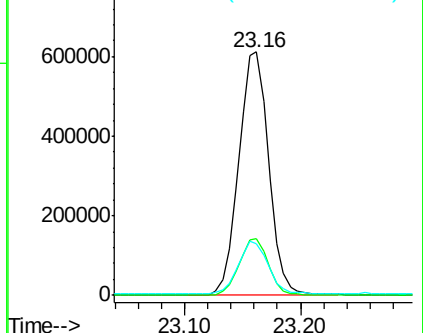
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.927 ng

RT: 22.54 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

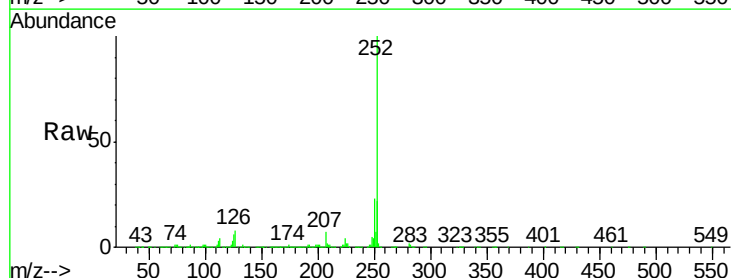
Tgt Ion:252 Resp: 3069010

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.2	5.7	8.5

252 100

253 21.7 17.6 26.4

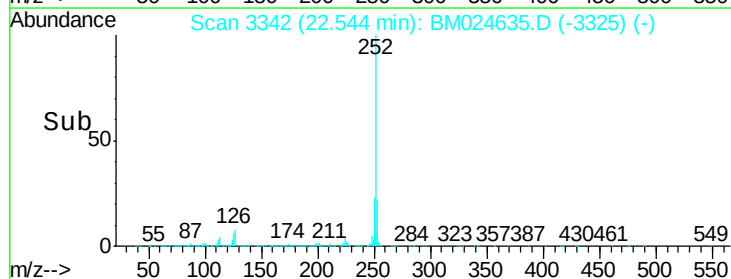
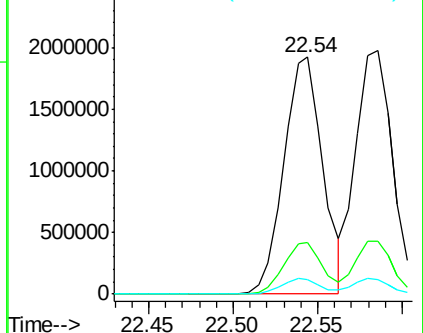
125 6.2 5.7 8.5

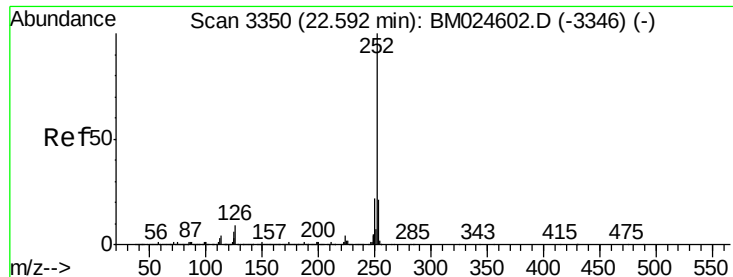


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.000 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampled :

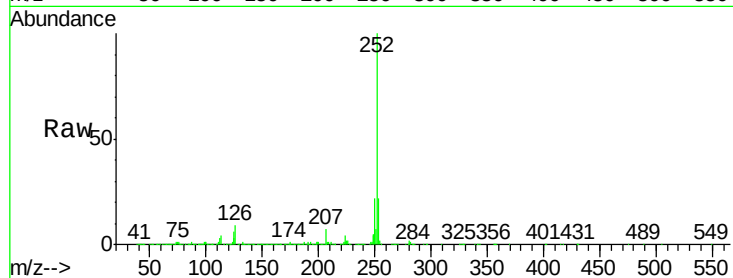
Tot Ion:252 Resp: 3000707

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

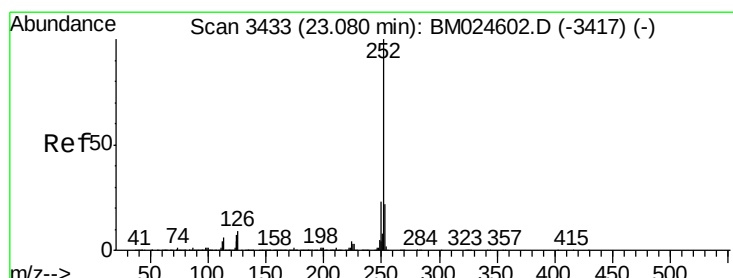
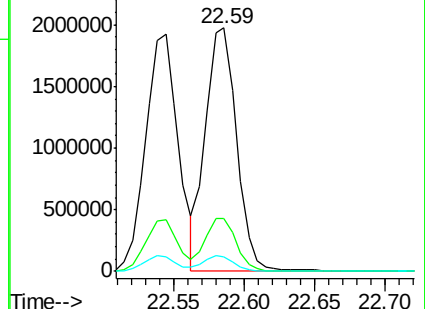
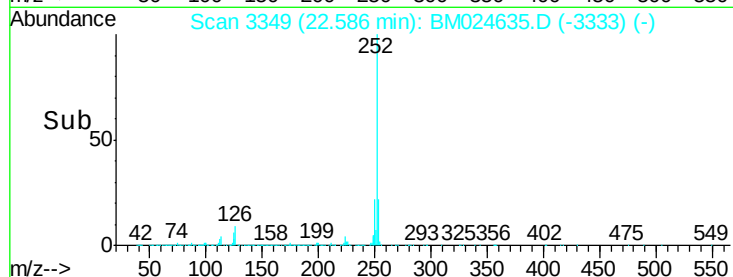
125 6.1 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.558 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

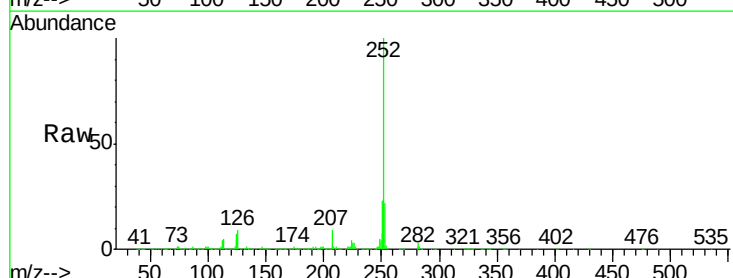
Tgt Ion:252 Resp: 2701290

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

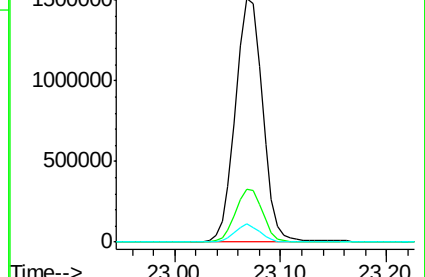
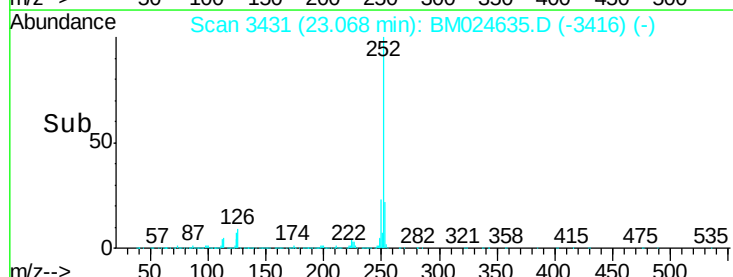
125 7.5 5.8 8.8

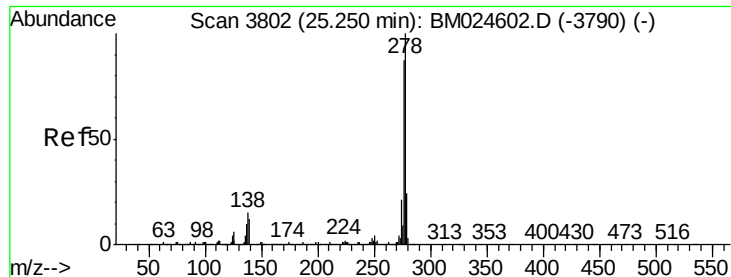


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.911 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

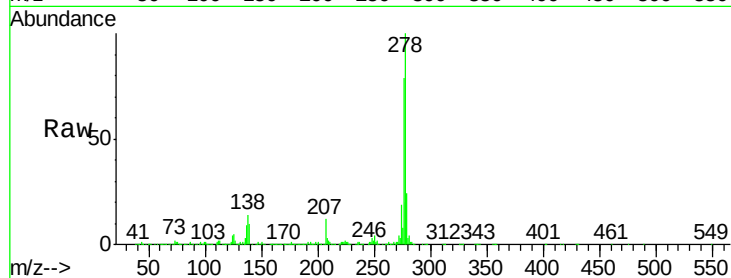
Tot Ion:278 Resp: 2770725

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.3	13.9
279	24.2	18.9	28.3

278 100

139 10.3 9.3 13.9

279 24.2 18.9 28.3

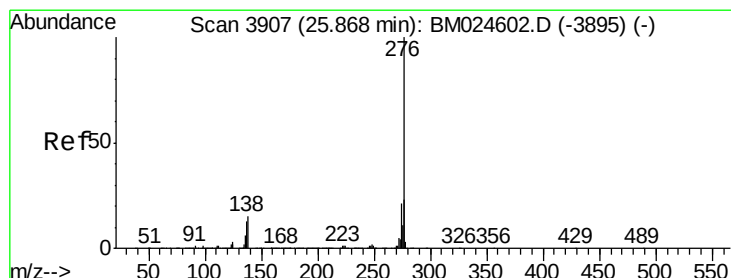
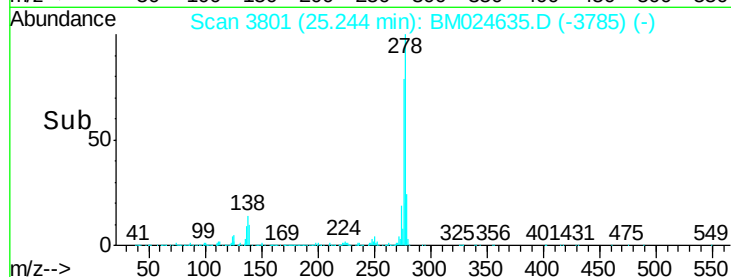
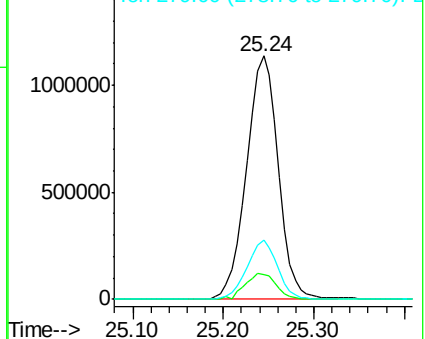


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.729 ng

RT: 25.86 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

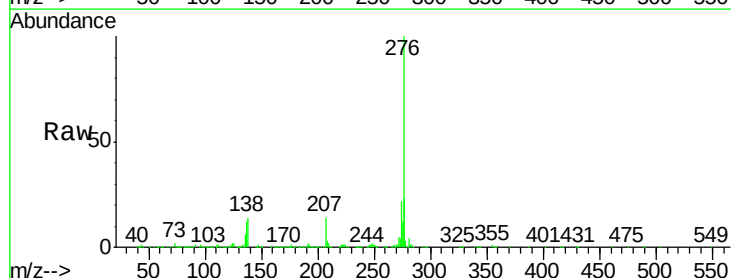
Tgt Ion:276 Resp: 2785769

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	13.8	11.9	17.9

276 100

277 23.4 18.6 28.0

138 13.8 11.9 17.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

