

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009898.D
 Acq On : 05 May 2017 12:20
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: May 05 13:13:01 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 13:10:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	100851	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	453654	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	282155	20.00	ng	0.00
63) Phenanthrene-d10	17.20	188	684251	20.00	ng	0.00
75) Chrysene-d12	21.39	240	863707	20.00	ng	0.00
86) Perylene-d12	23.69	264	830168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	503060	83.14	ng	0.00
7) Phenol-d6	6.97	99	793056	96.12	ng	0.00
23) Nitrobenzene-d5	8.96	82	983834	81.31	ng	0.00
41) 2,4,6-Tribromophenol	15.94	330	316934	90.42	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1722357	73.55	ng	0.00
78) Terphenyl-d14	19.82	244	3384501	81.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	88817	29.19	ng	# 100
3) Pyridine	3.69	79	331049	38.50	ng	# 76
4) n-Nitrosodimethylamine	3.61	42	211715	46.26	ng	# 57
6) Aniline	7.12	93	512493	45.71	ng	# 84
8) 2-Chlorophenol	7.35	128	282809	46.10	ng	# 77
9) Benzaldehyde	6.94	77	307128	47.29	ng	# 78
10) Phenol	7.00	94	432797	48.41	ng	# 93
11) bis(2-Chloroethyl)ether	7.22	93	334545	45.65	ng	# 80
12) 1,3-Dichlorobenzene	7.67	146	310423	42.26	ng	# 86
13) 1,4-Dichlorobenzene	7.82	146	317261	41.80	ng	# 93
14) 1,2-Dichlorobenzene	8.13	146	304988	41.38	ng	# 93
15) Benzyl Alcohol	8.03	79	362474	50.25	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.31	45	630477	49.50	ng	# 93
17) 2-Methylphenol	8.24	107	289041	49.41	ng	# 85
18) Hexachloroethane	8.85	117	143211	46.13	ng	# 95
19) n-Nitroso-di-n-propylamine	8.59	70	376497	56.60	ng	# 85
20) 3+4-Methylphenols	8.57	107	406723	51.14	ng	# 87
22) Acetophenone	8.62	105	561706	43.90	ng	# 82
24) Nitrobenzene	9.00	77	510915	43.10	ng	# 88
25) Isophorone	9.52	82	881671	47.77	ng	# 88
26) 2-Nitrophenol	9.70	139	168033	47.00	ng	# 34
27) 2,4-Dimethylphenol	9.76	122	296393	45.32	ng	# 76
28) bis(2-Chloroethoxy)methane	9.99	93	500963	43.84	ng	# 99
29) 2,4-Dichlorophenol	10.24	162	288202	42.15	ng	# 91
30) 1,2,4-Trichlorobenzene	10.45	180	329383	38.83	ng	# 96
31) Naphthalene	10.63	128	972316	40.38	ng	# 99
32) Benzoic acid	9.96	122	199109	44.76	ng	# 64
33) 4-Chloroaniline	10.76	127	424352	45.69	ng	# 79
34) Hexachlorobutadiene	10.89	225	230367	39.66	ng	# 98
35) Caprolactam	11.58	113	113105	54.18	ng	# 58
36) 4-Chloro-3-methylphenol	11.89	107	395251	51.10	ng	# 81
37) 2-Methylnaphthalene	12.25	142	686065	41.28	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	412180	38.69	ng	# 100
40) Hexachlorocyclopentadiene	12.58	237	80153	13.11	ng	# 98

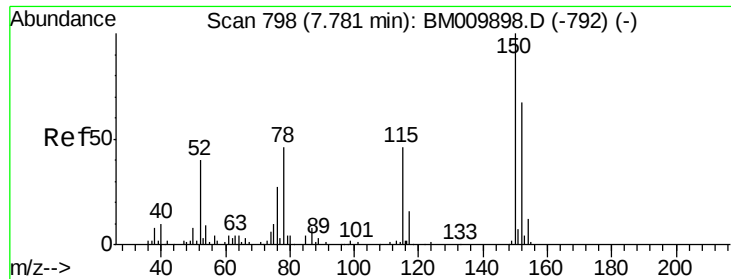
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	268398	44.06	ng	93
43) 2,4,5-Trichlorophenol	12.96	196	287937	42.37	ng #	87
45) 1,1'-Biphenyl	13.27	154	950116	40.46	ng	97
46) 2-Chloronaphthalene	13.32	162	772033	42.33	ng	93
47) 2-Nitroaniline	13.53	65	381966	56.84	ng #	63
48) Acenaphthylene	14.16	152	1195159	40.23	ng	99
49) Dimethylphthalate	13.90	163	1070531	49.42	ng	98
50) 2,6-Dinitrotoluene	14.03	165	213878	45.82	ng #	47
51) Acenaphthene	14.50	154	739664	41.27	ng	100
52) 3-Nitroaniline	14.37	138	235521	51.21	ng #	53
53) 2,4-Dinitrophenol	14.59	184	102172	37.09	ng #	82
54) Dibenzofuran	14.84	168	1130067	42.63	ng	94
55) 4-Nitrophenol	14.70	139	154120	40.54	ng #	1
56) 2,4-Dinitrotoluene	14.83	165	309113	48.94	ng #	72
57) Fluorene	15.49	166	992065	41.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	217905	37.91	ng #	100
59) Diethylphthalate	15.26	149	1149833	52.32	ng	97
60) 4-Chlorophenyl-phenylether	15.48	204	530852	42.67	ng	99
61) 4-Nitroaniline	15.54	138	234310	46.90	ng #	11
62) Azobenzene	15.77	77	1286597	50.15	ng	79
64) 4,6-Dinitro-2-methylphenol	15.60	198	169420	39.30	ng #	79
65) n-Nitrosodiphenylamine	15.70	169	870224	41.87	ng	97
66) 4-Bromophenyl-phenylether	16.38	248	326533	41.19	ng #	89
67) Hexachlorobenzene	16.50	284	361744	41.63	ng #	88
68) Atrazine	16.66	200	332980	42.60	ng	99
69) Pentachlorophenol	16.85	266	135212	25.47	ng	97
70) Phenanthrene	17.24	178	1577755	40.32	ng	99
71) Anthracene	17.33	178	1602572	40.45	ng	99
72) Carbazole	17.61	167	1441000	37.98	ng	100
73) Di-n-butylphthalate	18.15	149	2069979	53.42	ng #	96
74) Fluoranthene	19.26	202	1979039	42.70	ng	99
76) Benzidine	19.45	184	1085823	42.18	ng	100
77) Pyrene	19.62	202	2072208	42.30	ng	99
79) Butylbenzylphthalate	20.50	149	981411	55.64	ng #	64
80) Benzo(a)anthracene	21.37	228	2075951	41.15	ng	99
81) 3,3'-Dichlorobenzidine	21.30	252	819421	43.38	ng #	98
82) Chrysene	21.42	228	1930506	40.08	ng	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1502735	57.09	ng	96
84) Di-n-octyl phthalate	22.16	149	2635986	60.17	ng #	82
85) Indeno(1,2,3-cd)pyrene	26.06	276	2324648	44.25	ng #	100
87) Benzo(b)fluoranthene	23.00	252	2062443	39.19	ng #	95
88) Benzo(k)fluoranthene	23.04	252	2036881	40.25	ng	98
89) Benzo(a)pyrene	23.59	252	1984417	40.72	ng	99
90) Dibenzo(a,h)anthracene	26.06	278	2083200	43.64	ng #	95
91) Benzo(g,h,i)perylene	26.78	276	1929902	41.47	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

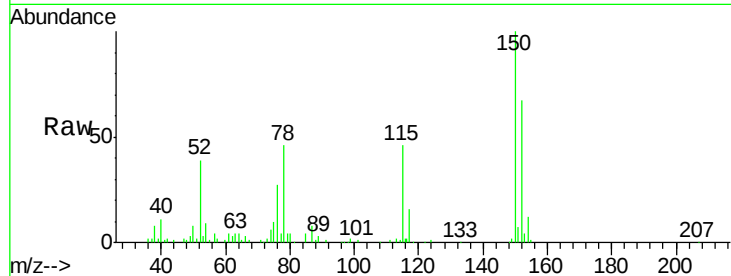
Tgt Ion:152 Resp: 100851

Ion Ratio Lower Upper

152 100

150 148.7 119.5 179.3

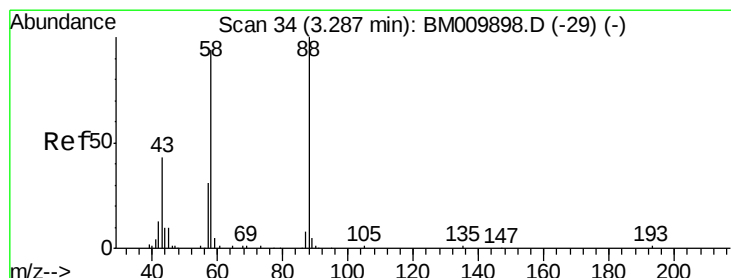
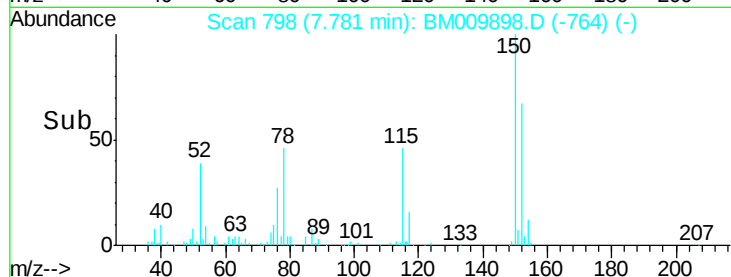
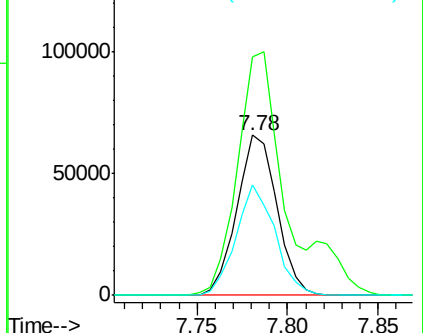
115 68.9 43.0 64.4#



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: 29.19 ng

RT: 3.29 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

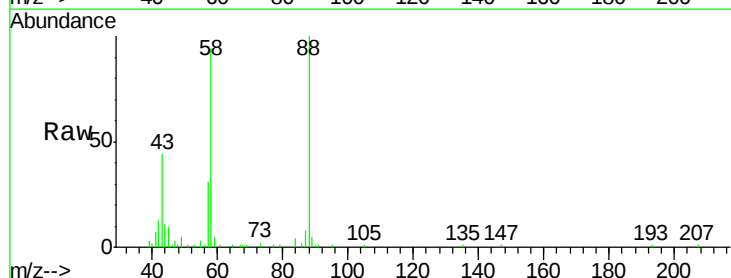
Tgt Ion: 88 Resp: 88817

Ion Ratio Lower Upper

88 100

58 86.8 0.0 0.0#

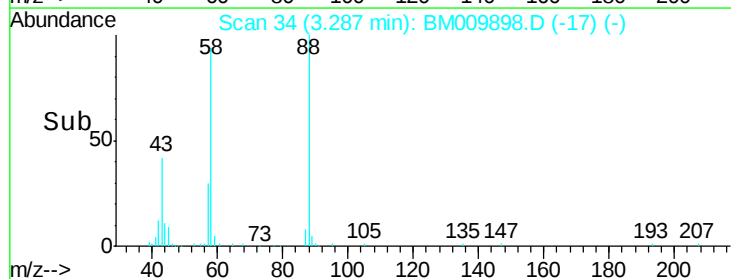
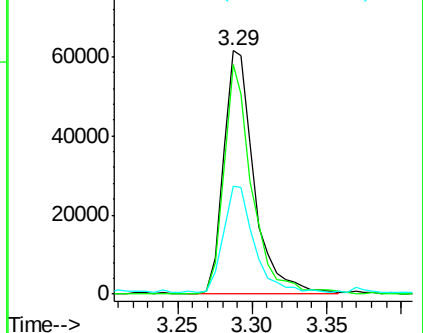
43 43.9 0.0 0.0#

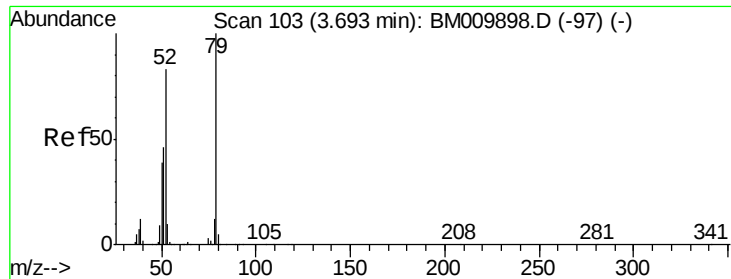


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pyridine

Concen: 38.50 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

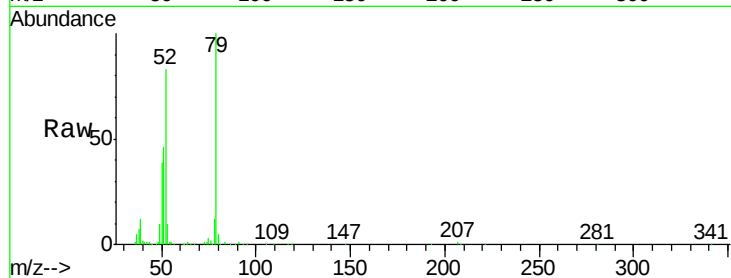
Tgt Ion: 79 Resp: 331049

Ion Ratio Lower Upper

79 100

52 82.6 51.1 76.7#

51 46.4 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM009898.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM009898.D (-97) (-)

3.69

250000

200000

150000

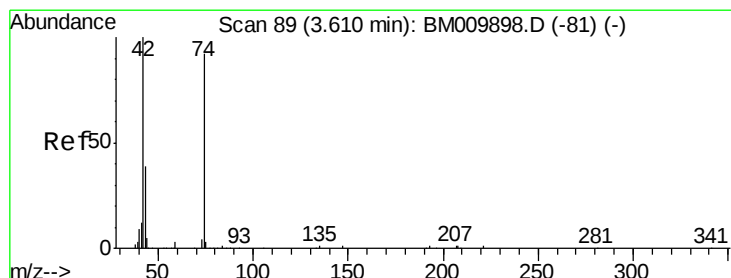
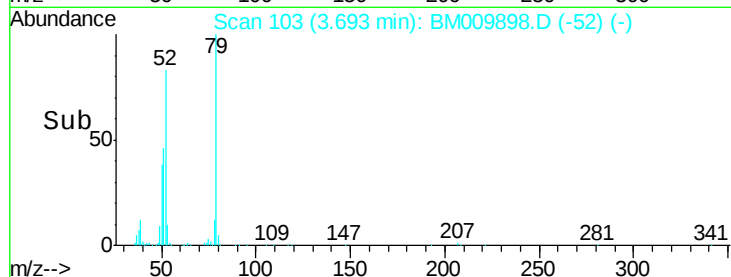
100000

50000

0

3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 46.26 ng

RT: 3.61 min Scan# 89

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

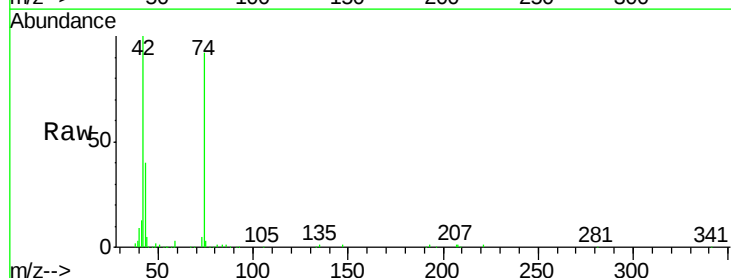
Tgt Ion: 42 Resp: 211715

Ion Ratio Lower Upper

42 100

74 92.3 119.3 178.9#

44 5.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM009898.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM009898.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM009898.D (-81) (-)

3.61

150000

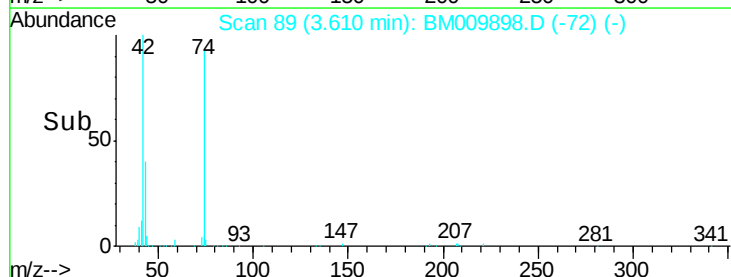
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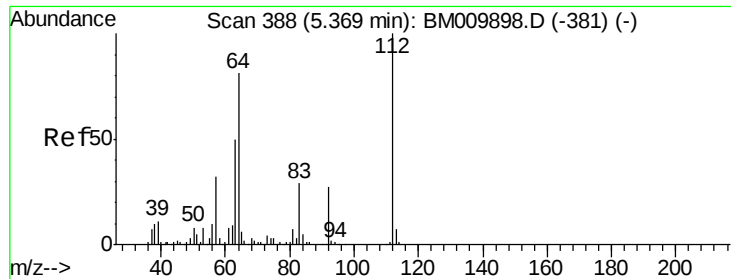
50000

0

3.55 3.60 3.65 3.70

Time-->





#5

2-Fluorophenol

Concen: 83.14 ng

RT: 5.37 min Scan# 388

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

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SSTDICCC040

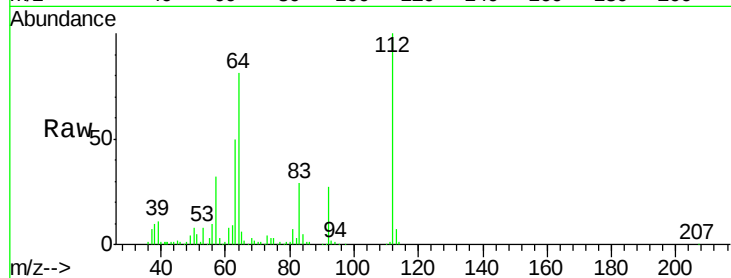
Tgt Ion: 112 Resp: 503060

Ion Ratio Lower Upper

112 100

64 80.6 38.6 57.8#

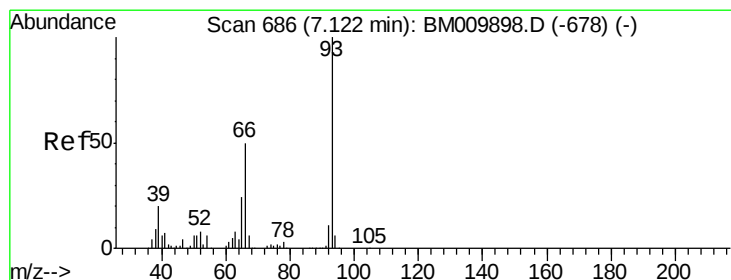
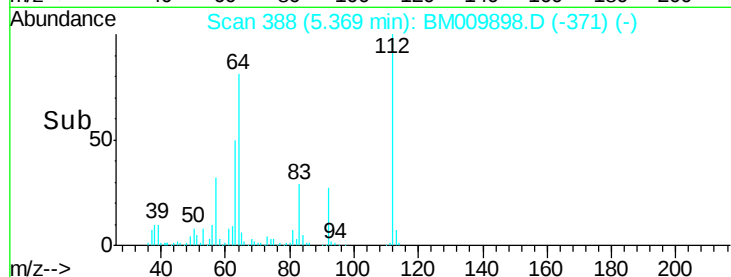
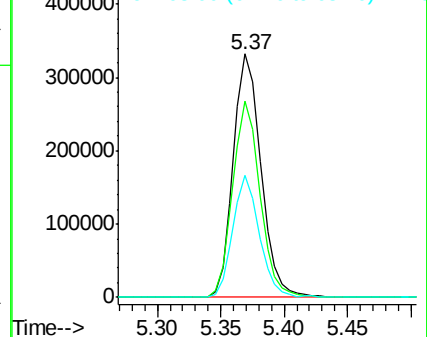
63 50.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 45.71 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

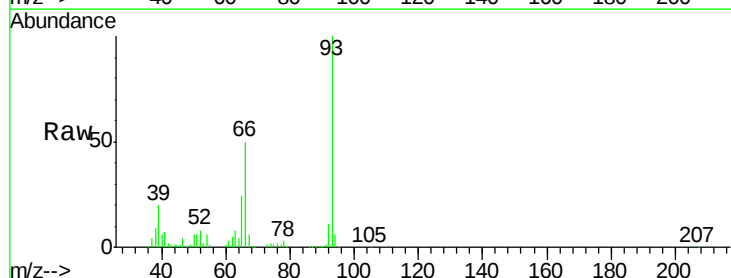
Tgt Ion: 93 Resp: 512493

Ion Ratio Lower Upper

93 100

66 50.0 30.8 46.2#

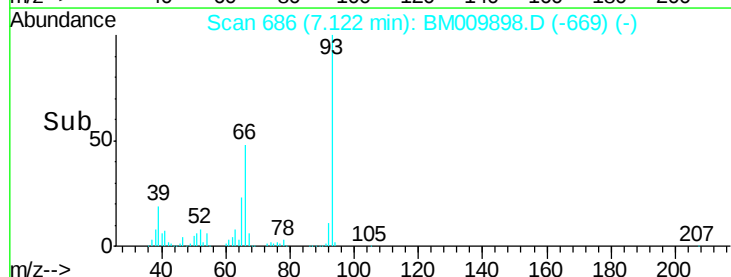
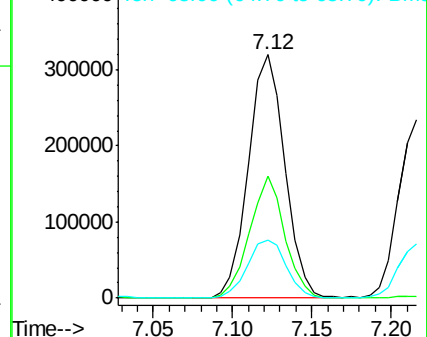
65 24.0 16.0 24.0#

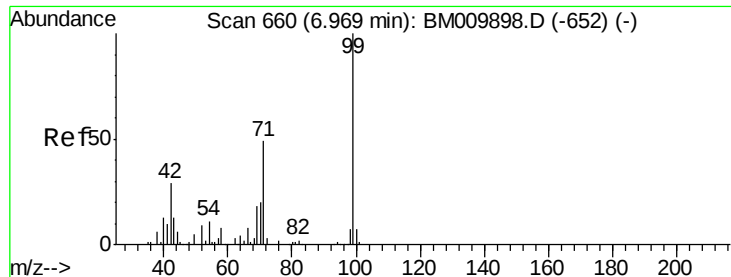


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 96.12 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM009898.D

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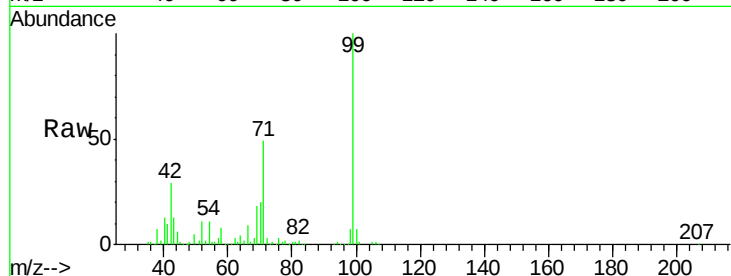
Tgt Ion: 99 Resp: 793056

Ion Ratio Lower Upper

99 100

42 29.3 11.0 16.4#

71 48.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)

6.97

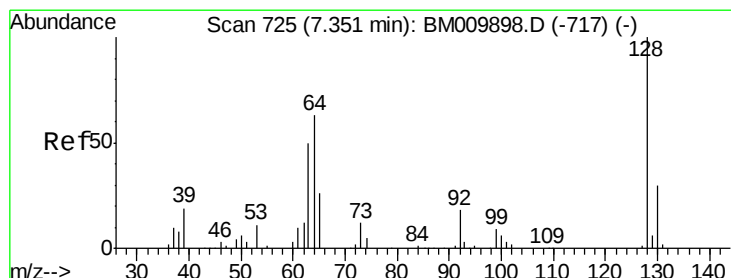
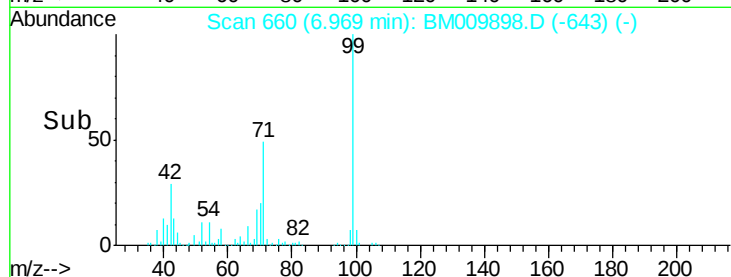
400000

200000

0

6.90 6.95 7.00 7.05

Time-->



#8

2-Chlorophenol

Concen: 46.10 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

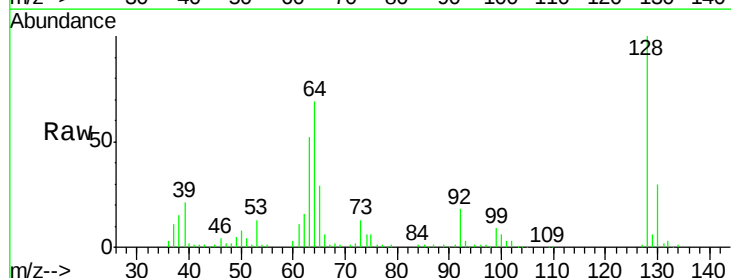
Tgt Ion: 128 Resp: 282809

Ion Ratio Lower Upper

128 100

130 29.7 12.0 52.0

64 69.0 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): BM009898.D (-717) (-)

Ion 130.00 (129.70 to 130.70): BM009898.D (-717) (-)

Ion 64.00 (63.70 to 64.70): BM009898.D (-717) (-)

7.35

250000

200000

150000

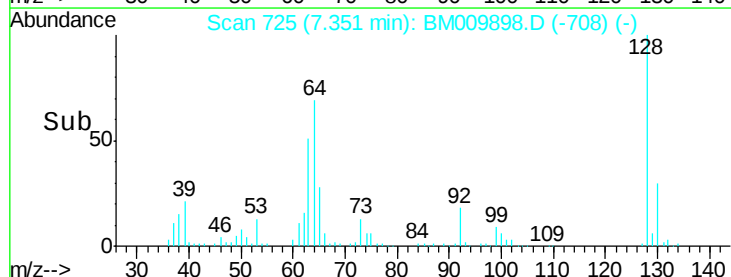
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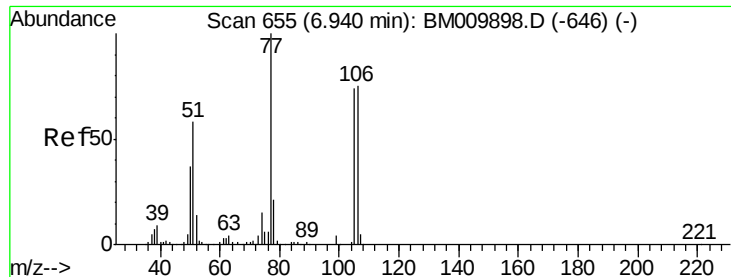
50000

0

7.25 7.30 7.35 7.40 7.45

Time-->





#9

Benzaldehyde

Concen: 47.29 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

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SSTDICCC040

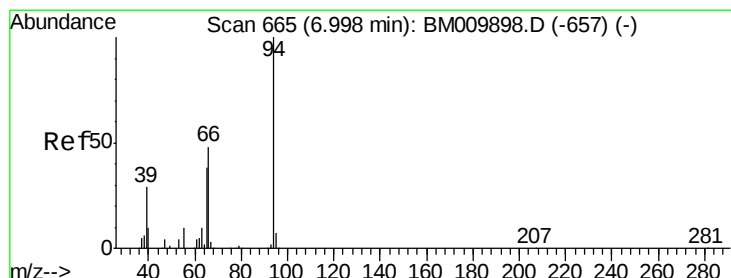
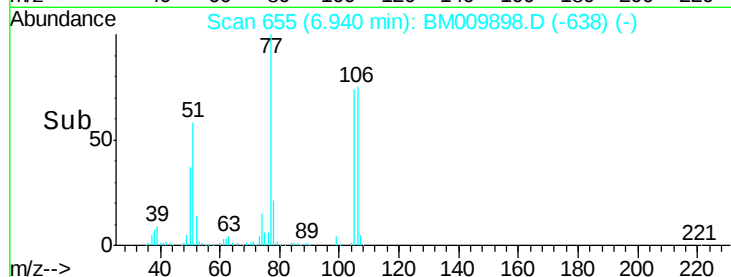
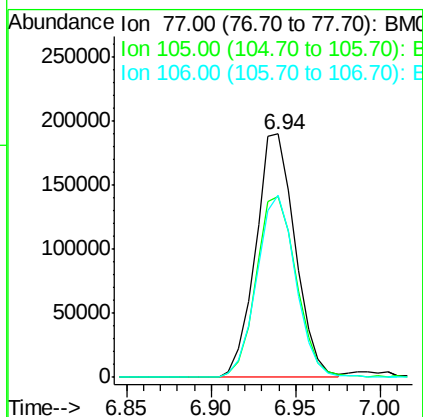
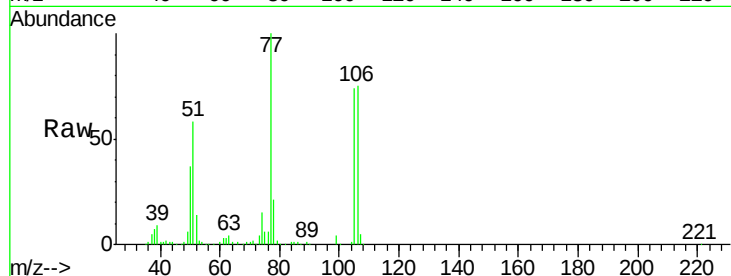
Tgt Ion: 77 Resp: 307128

Ion Ratio Lower Upper

77 100

105 74.1 78.8 118.8#

106 75.1 73.7 113.7



#10

Phenol

Concen: 48.41 ng

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

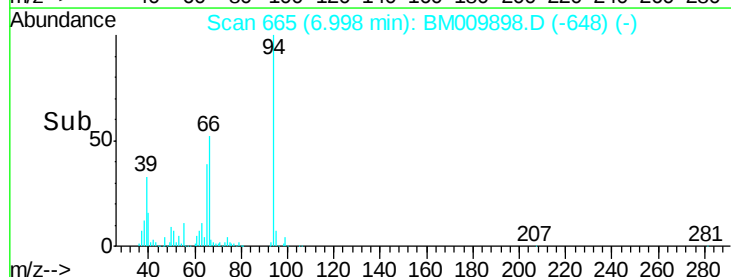
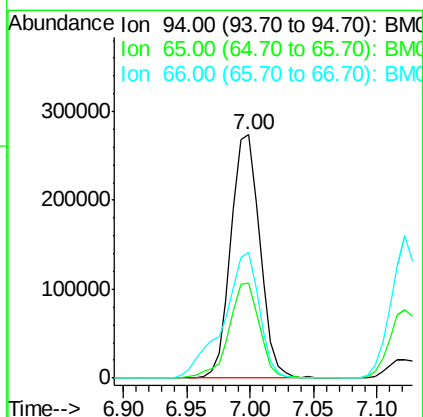
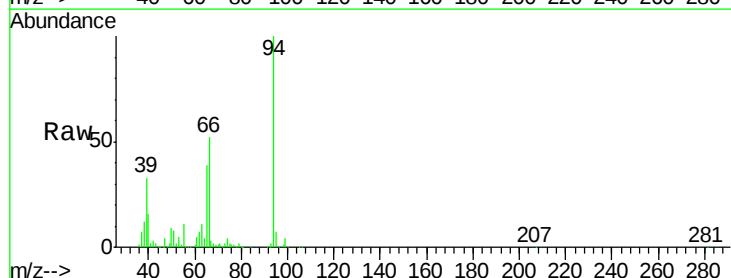
Tgt Ion: 94 Resp: 432797

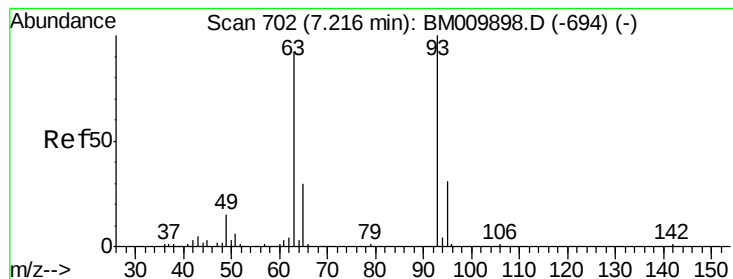
Ion Ratio Lower Upper

94 100

65 38.8 18.8 58.8

66 51.5 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 45.65 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

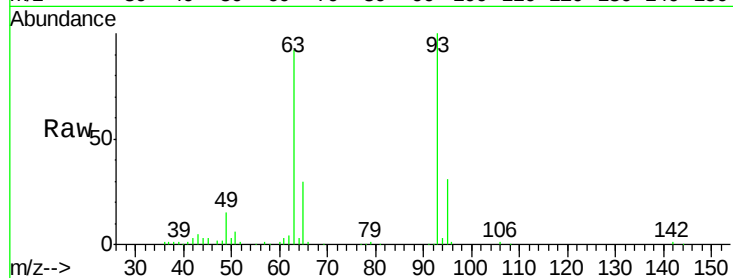
Tgt Ion: 93 Resp: 334545

Ion Ratio Lower Upper

93 100

63 92.1 49.5 89.5#

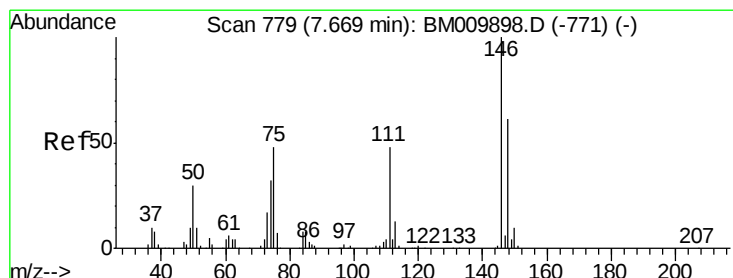
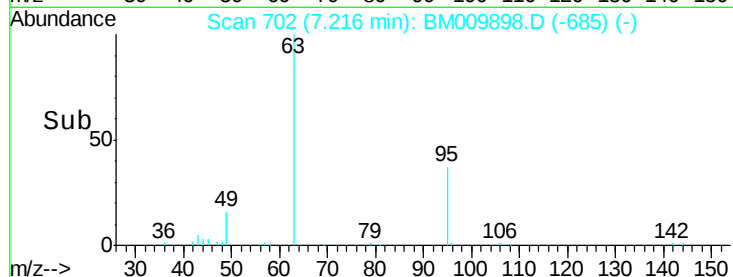
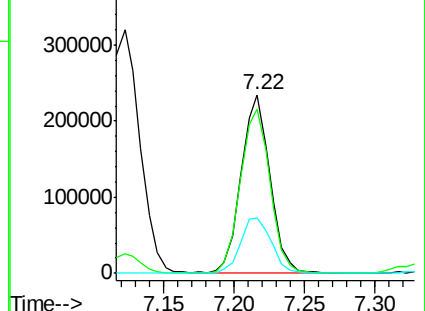
95 31.3 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM009898.D (-694) (-)

Ion 63.00 (62.70 to 63.70): BM009898.D (-694) (-)

Ion 95.00 (94.70 to 95.70): BM009898.D (-694) (-)



#12

1,3-Dichlorobenzene

Concen: 42.26 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

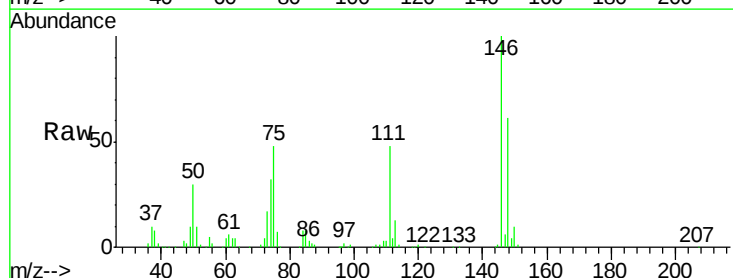
Tgt Ion: 146 Resp: 310423

Ion Ratio Lower Upper

146 100

148 61.2 50.9 76.3

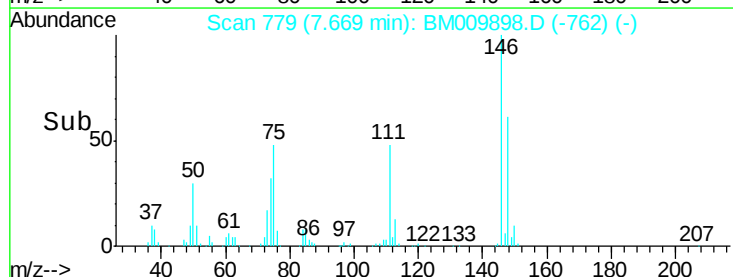
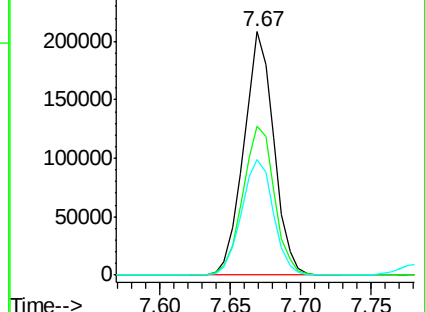
75 47.5 21.4 32.2#

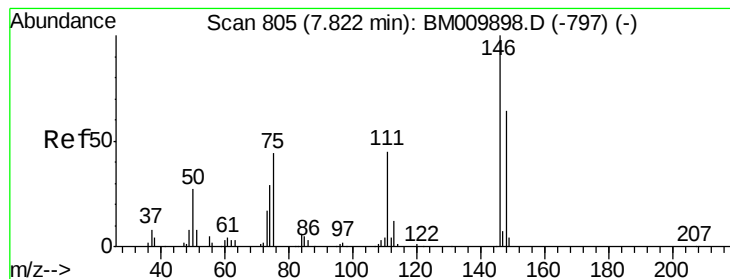


Abundance Ion 146.00 (145.70 to 146.70): BM009898.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM009898.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM009898.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 41.80 ng

RT: 7.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

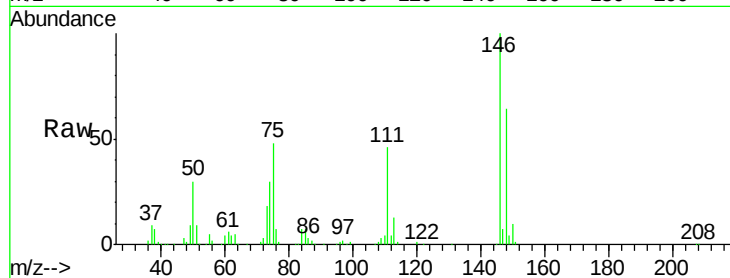
Tgt Ion:146 Resp: 317261

Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

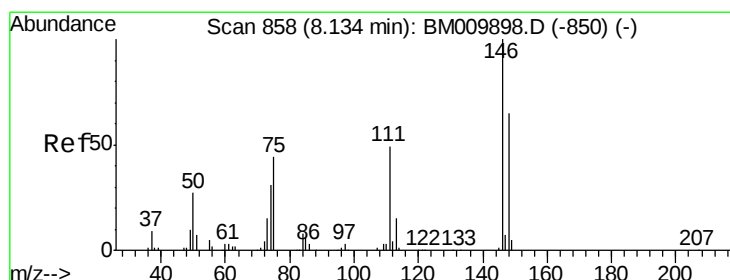
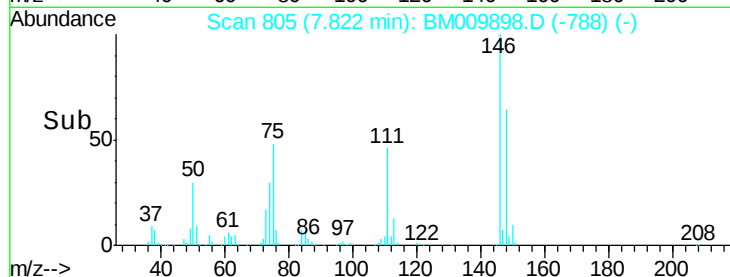
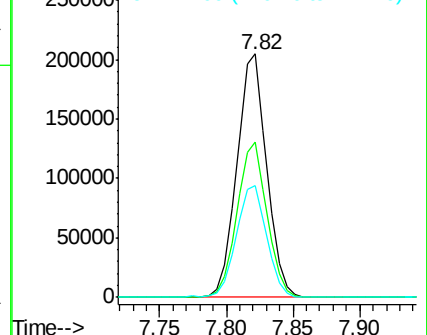
111 45.9 29.2 43.8#



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: 41.38 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

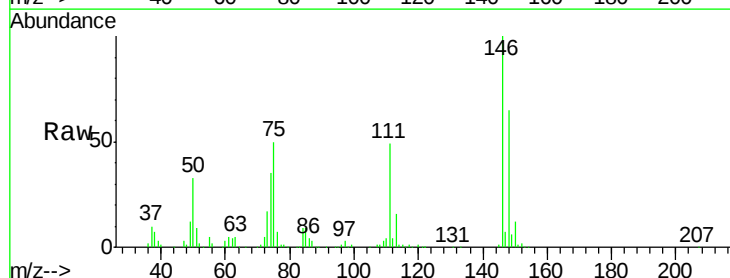
Tgt Ion:146 Resp: 304988

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

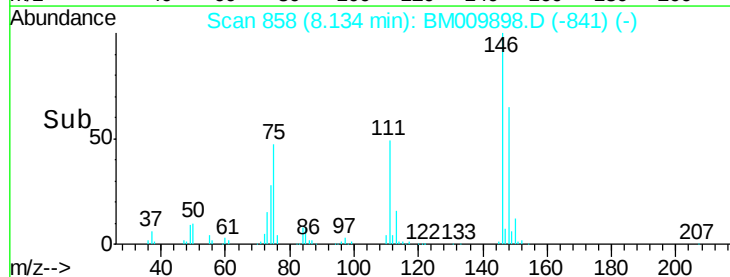
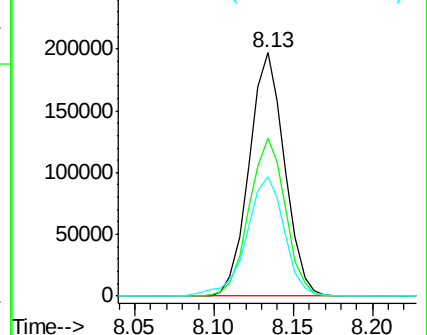
111 49.3 30.6 45.8#

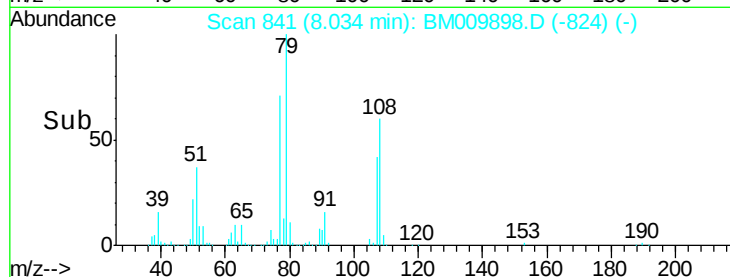
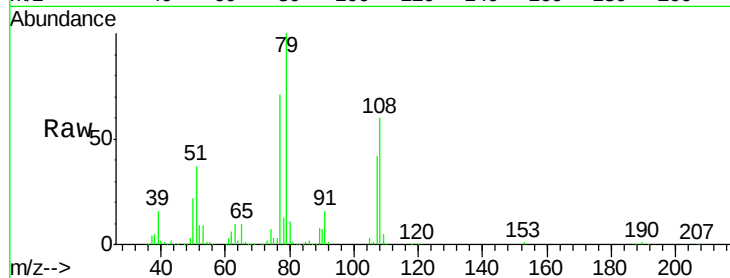
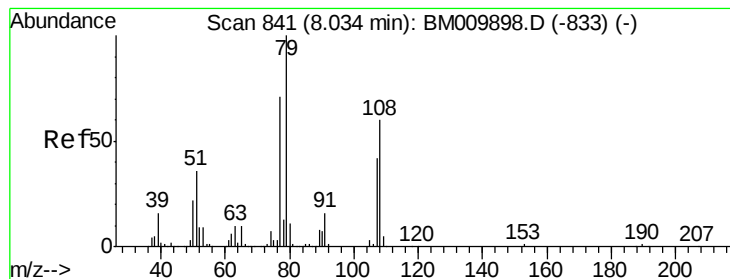


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.25 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampled :

SSTDICCC040

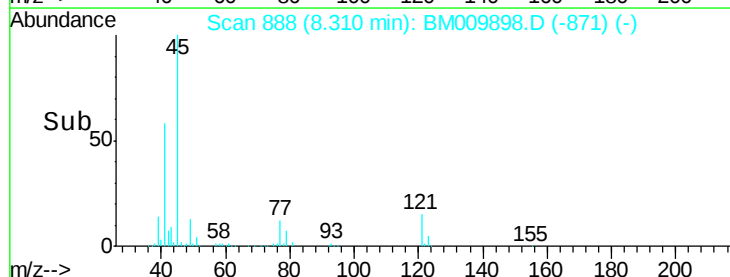
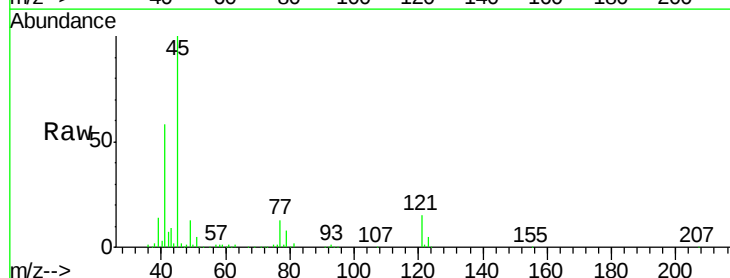
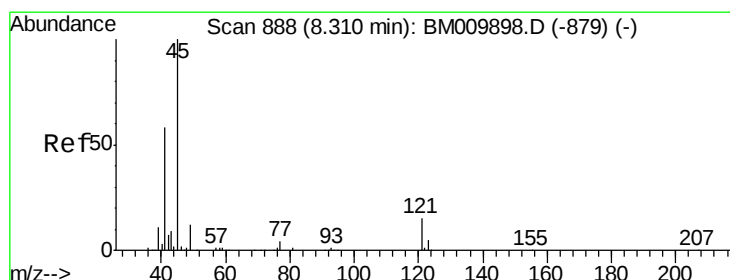
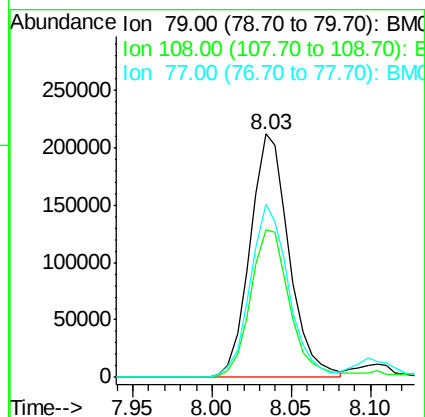
Tgt Ion: 79 Resp: 362474

Ion Ratio Lower Upper

79 100

108 60.4 65.0 97.4#

77 70.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.50 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

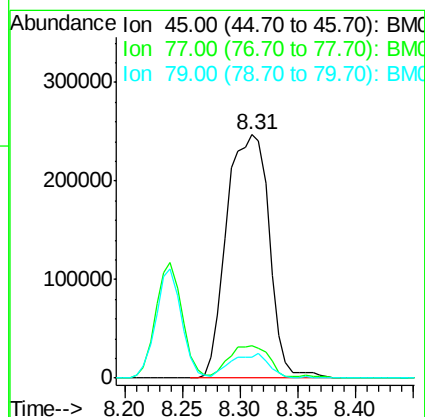
Tgt Ion: 45 Resp: 630477

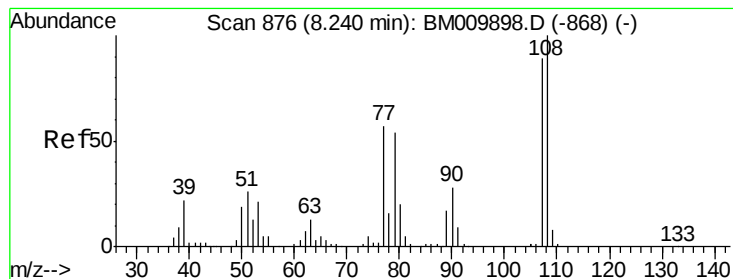
Ion Ratio Lower Upper

45 100

77 13.2 0.0 35.2

79 8.3 0.0 32.0





#17

2-Methylphenol

Concen: 49.41 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 289041

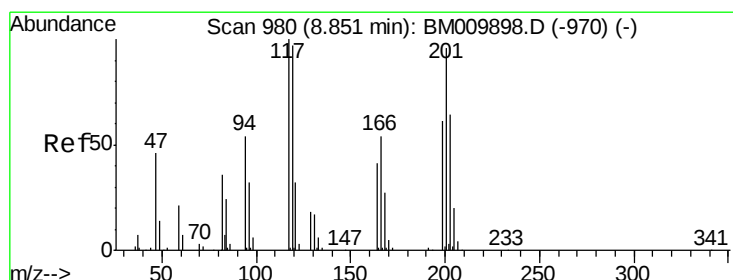
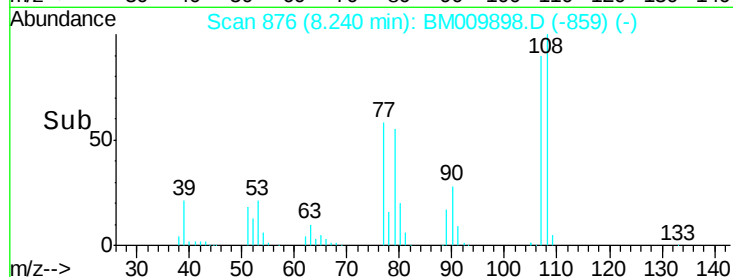
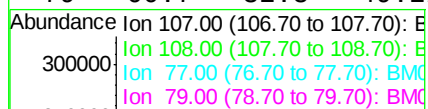
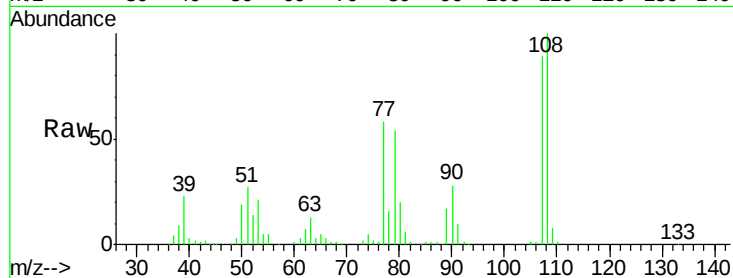
Ion Ratio Lower Upper

107 100

108 111.9 89.8 134.8

77 64.4 32.6 48.8#

79 60.7 32.8 49.2#



#18

Hexachloroethane

Concen: 46.13 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

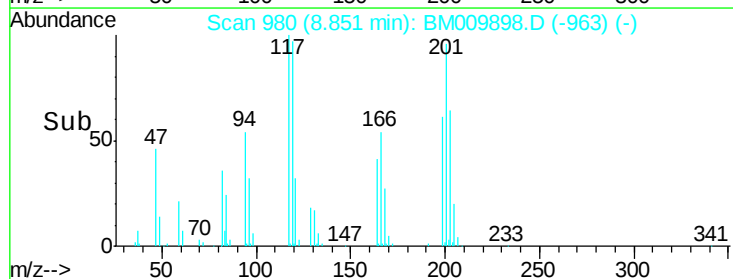
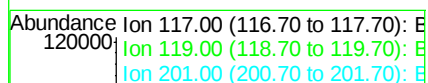
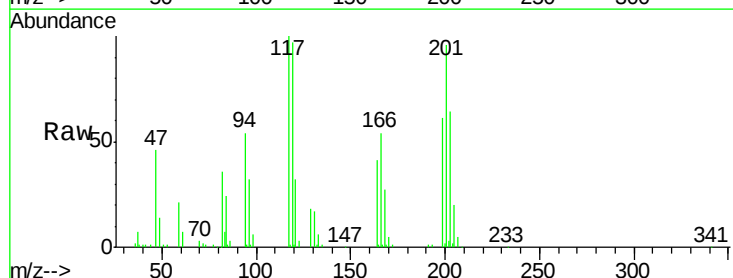
Tgt Ion:117 Resp: 143211

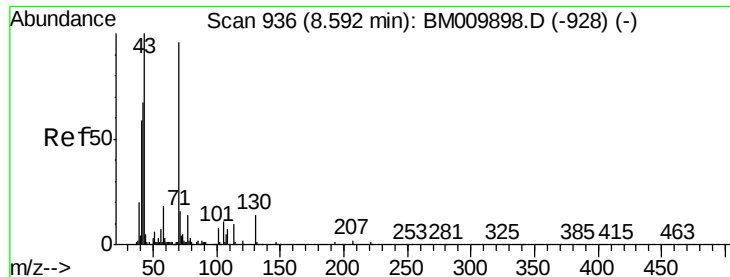
Ion Ratio Lower Upper

117 100

119 97.0 79.2 118.8

201 95.9 69.8 104.6

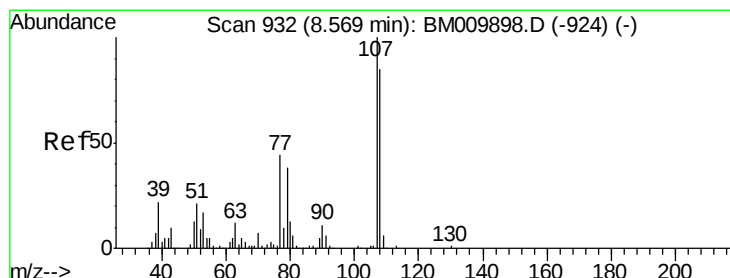
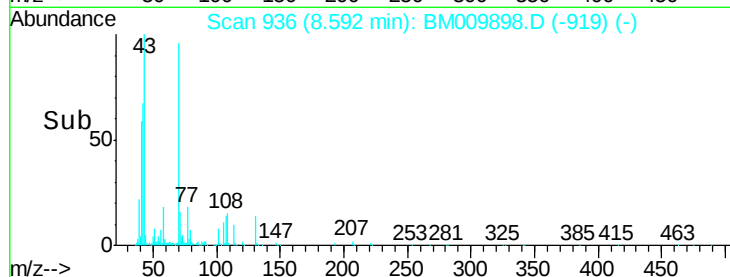
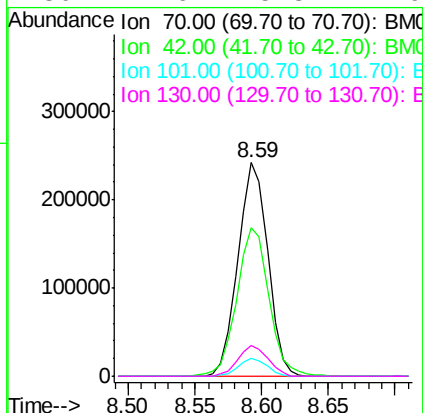
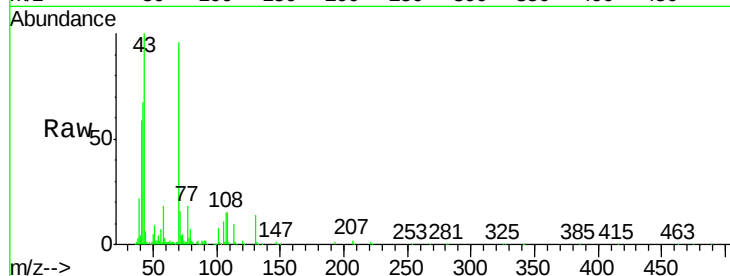




#19
n-Nitroso-di-n-propylamine
Concen: 56.60 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

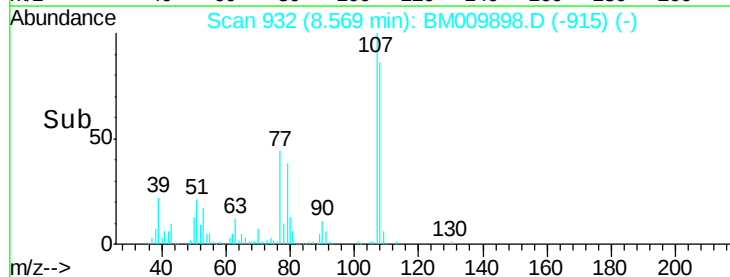
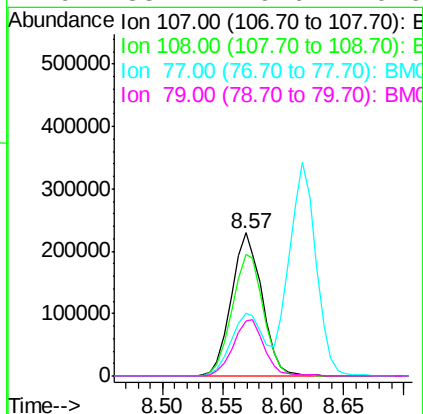
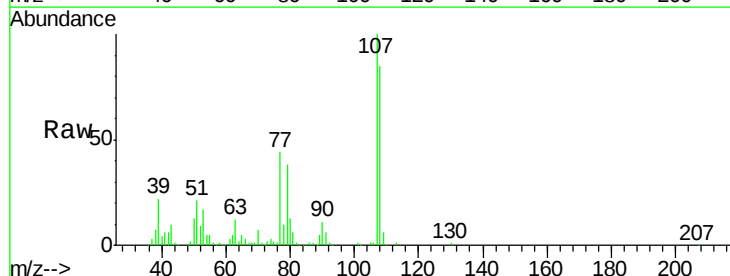
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

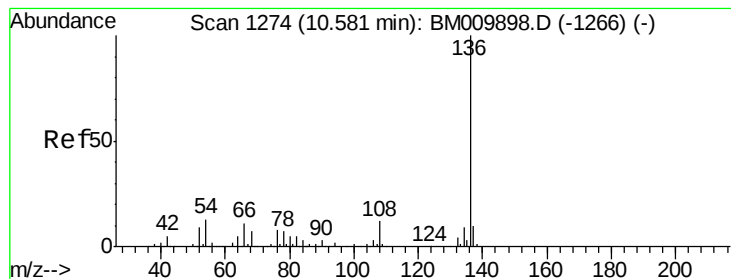
Tgt Ion:	70	Resp:	376497
Ion	Ratio	Lower	Upper
70	100		
42	69.7	44.5	66.7#
101	8.3	7.4	11.2
130	14.6	15.3	22.9#



#20
3+4-Methylphenols
Concen: 51.14 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:	107	Resp:	406723
Ion	Ratio	Lower	Upper
107	100		
108	85.3	73.2	113.2
77	44.3	10.7	50.7
79	38.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 453654

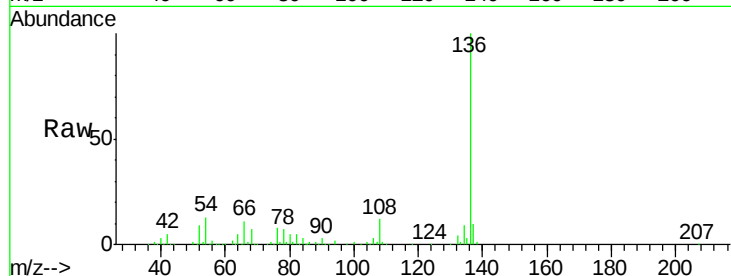
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 12.7 4.6 6.8#

68 7.3 3.7 5.5#

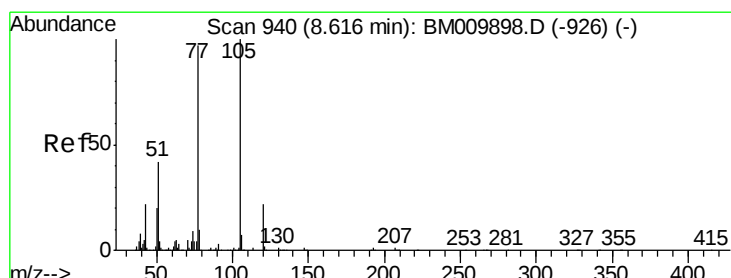
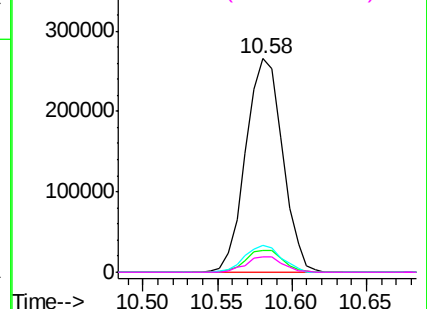
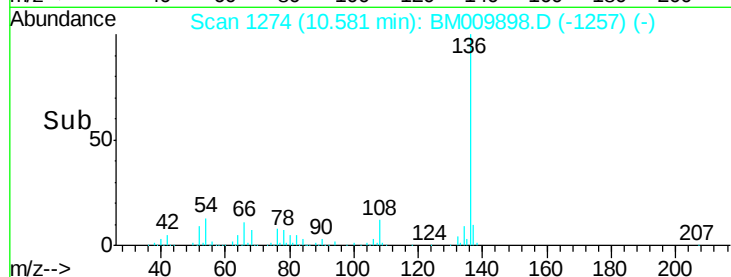


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 43.90 ng

RT: 8.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Tgt Ion:105 Resp: 561706

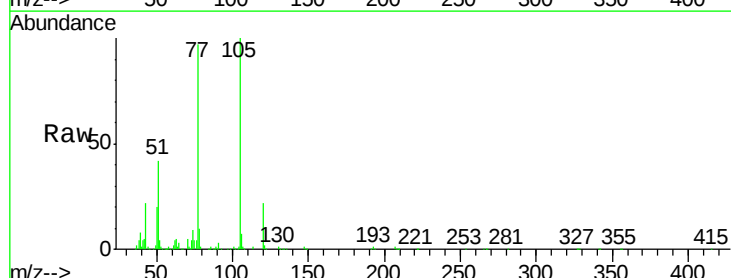
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 41.8 21.6 32.4#

120 22.0 16.1 24.1

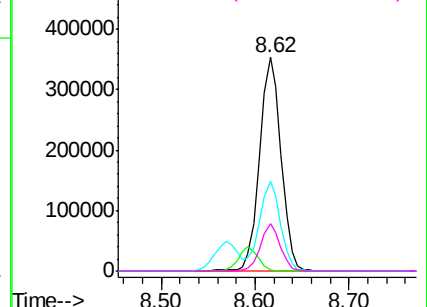
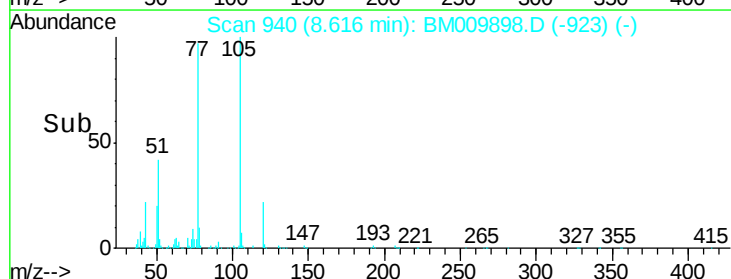


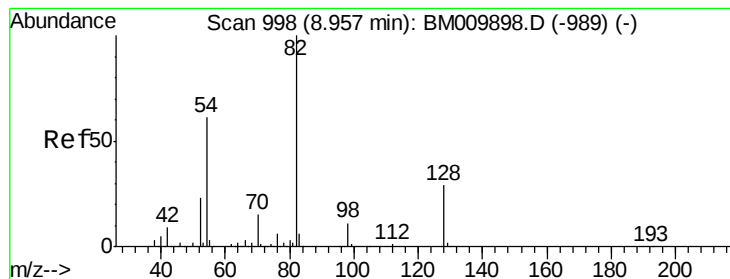
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.31 ng

RT: 8.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

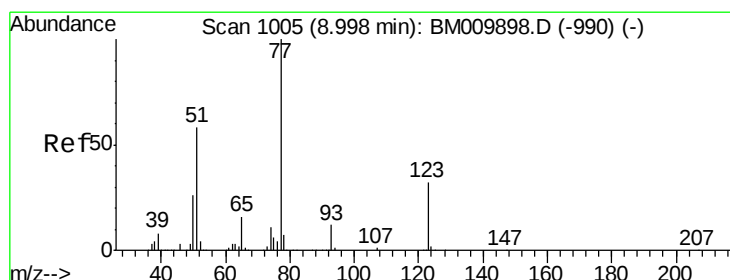
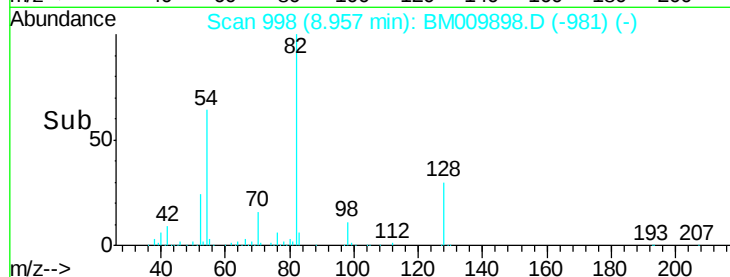
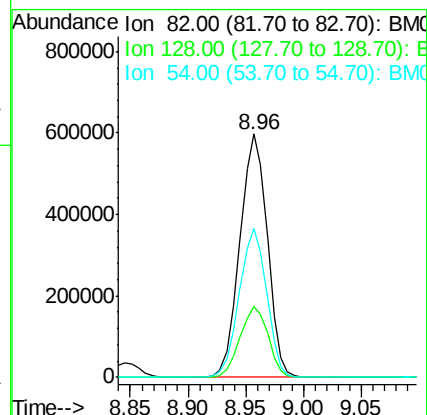
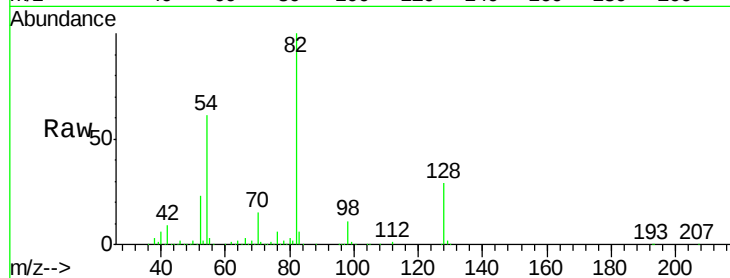
Tgt Ion: 82 Resp: 983834

Ion Ratio Lower Upper

82 100

128 29.1 32.8 49.2#

54 61.3 40.6 60.8#



#24

Nitrobenzene

Concen: 43.10 ng

RT: 9.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

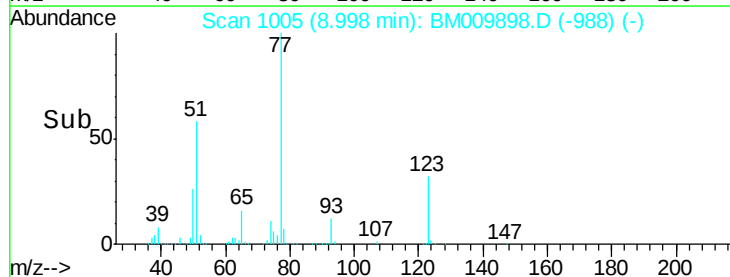
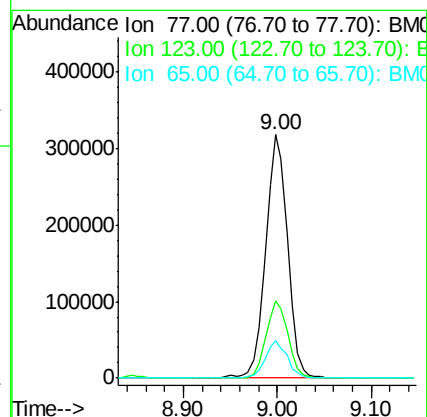
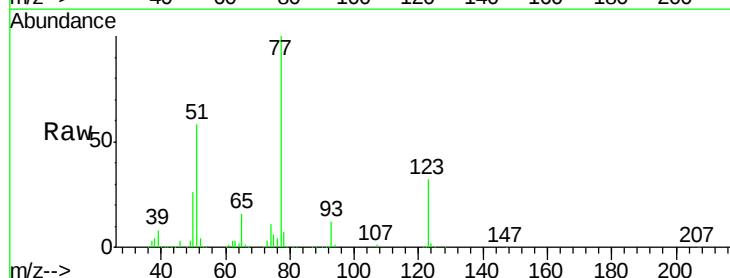
Tgt Ion: 77 Resp: 510915

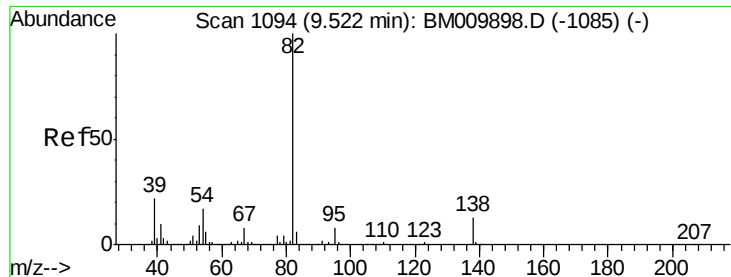
Ion Ratio Lower Upper

77 100

123 31.9 32.6 49.0#

65 15.6 10.9 16.3





#25

Isophorone

Concen: 47.77 ng

RT: 9.52 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

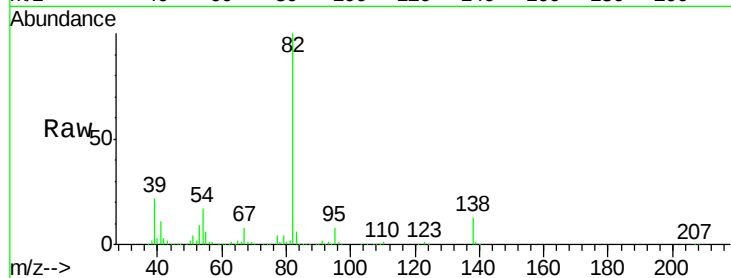
Tgt Ion: 82 Resp: 881671

Ion Ratio Lower Upper

82 100

95 7.9 5.8 8.6

138 12.9 16.3 24.5#

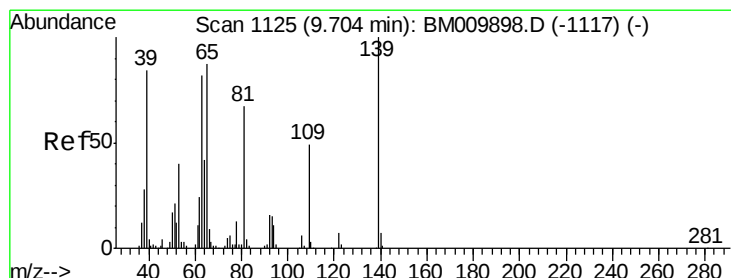
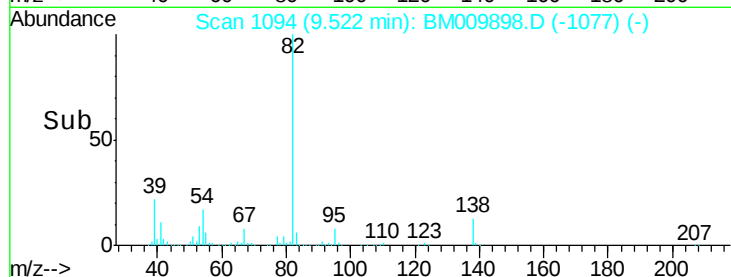


Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-1085) (-)

Ion 95.00 (94.70 to 95.70): BM009898.D (-1085) (-)

Ion 138.00 (137.70 to 138.70): BM009898.D (-1085) (-)

Time-->



#26

2-Nitrophenol

Concen: 47.00 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

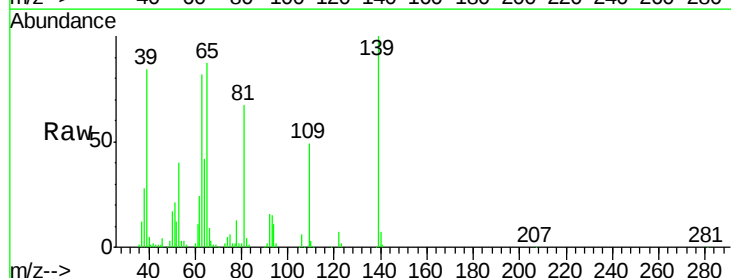
Tgt Ion: 139 Resp: 168033

Ion Ratio Lower Upper

139 100

109 49.3 20.1 30.1#

65 86.5 31.5 47.3#

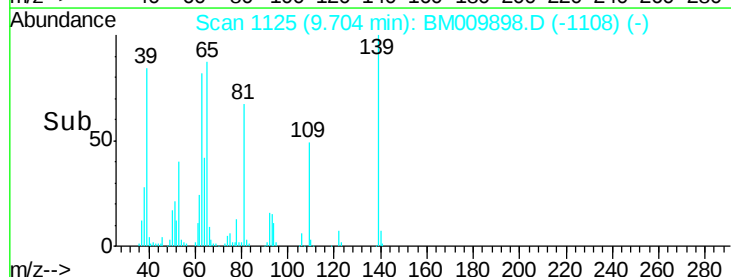


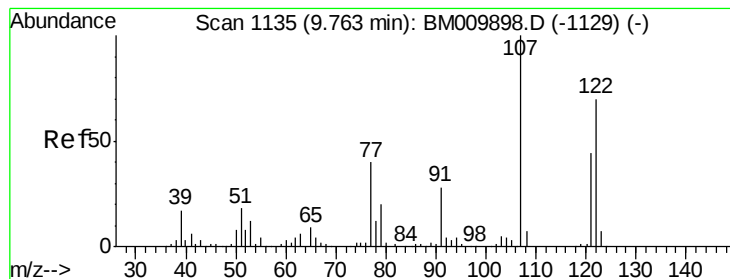
Abundance Ion 139.00 (138.70 to 139.70): BM009898.D (-1117) (-)

Ion 109.00 (108.70 to 109.70): BM009898.D (-1117) (-)

Ion 65.00 (64.70 to 65.70): BM009898.D (-1117) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 45.32 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

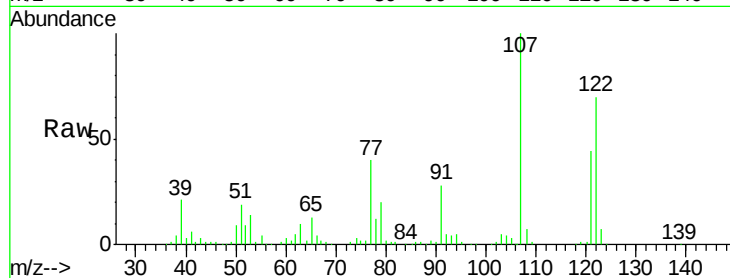
Tgt Ion:122 Resp: 296393

Ion Ratio Lower Upper

122 100

107 142.2 84.7 127.1#

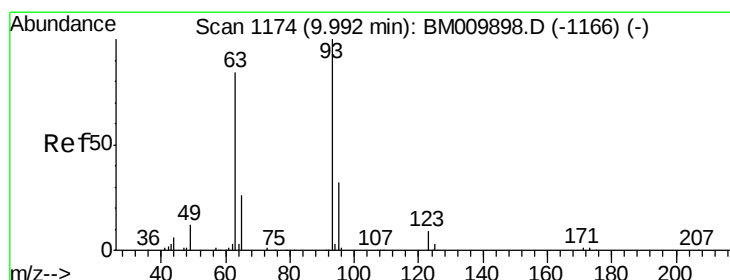
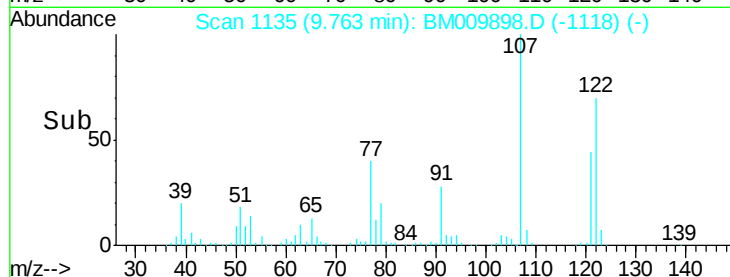
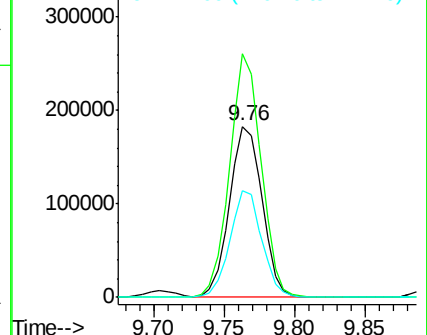
121 62.0 46.6 69.8



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: 43.84 ng

RT: 9.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

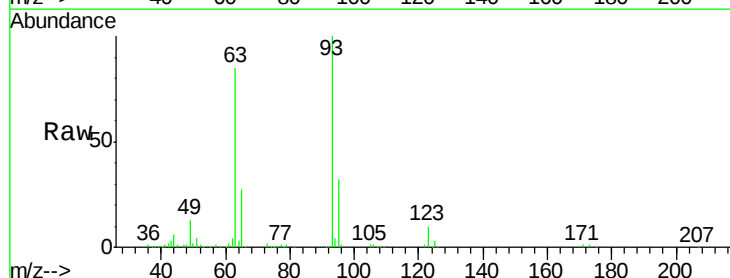
Tgt Ion: 93 Resp: 500963

Ion Ratio Lower Upper

93 100

95 31.7 25.5 38.3

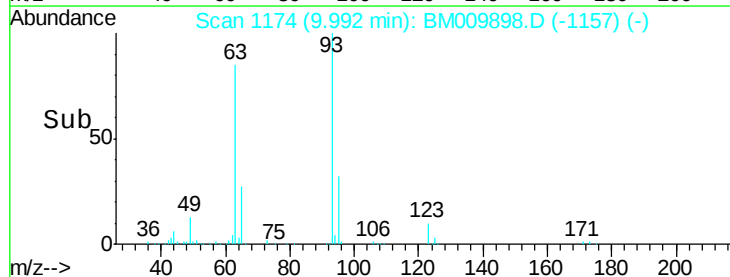
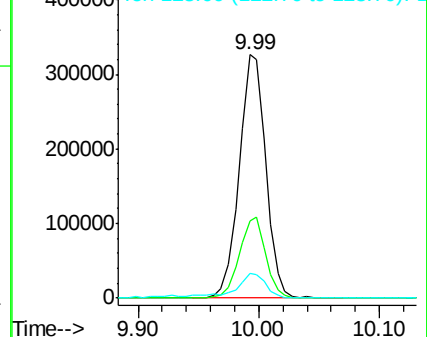
123 10.4 8.6 13.0

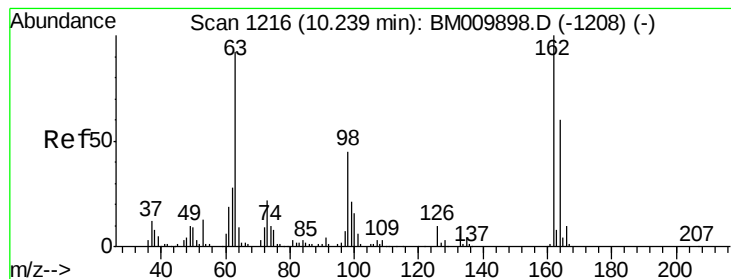


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.15 ng

RT: 10.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

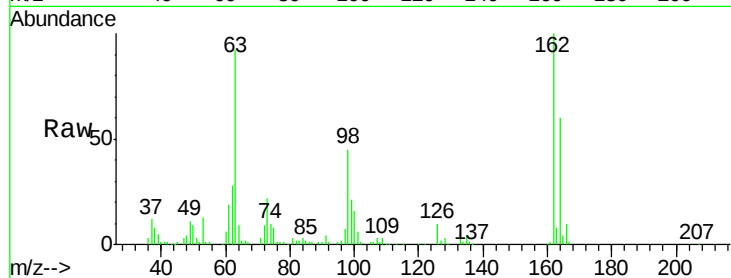
Tgt Ion:162 Resp: 288202

Ion Ratio Lower Upper

162 100

164 60.0 42.8 82.8

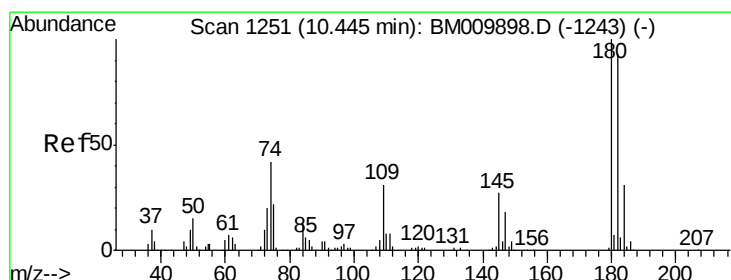
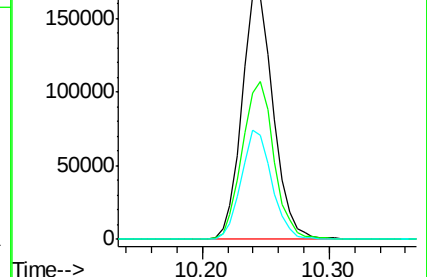
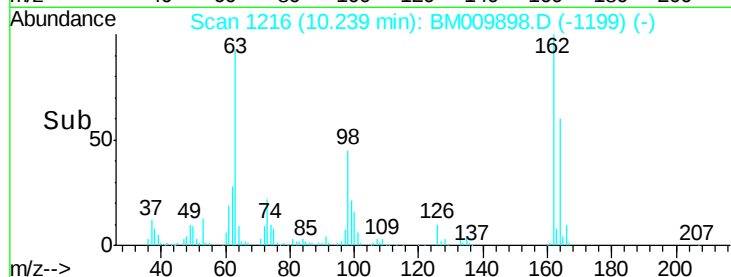
98 44.6 14.5 54.5



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: 38.83 ng

RT: 10.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

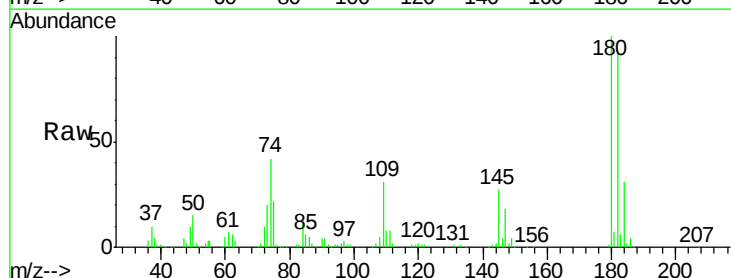
Tgt Ion:180 Resp: 329383

Ion Ratio Lower Upper

180 100

182 92.7 77.6 116.4

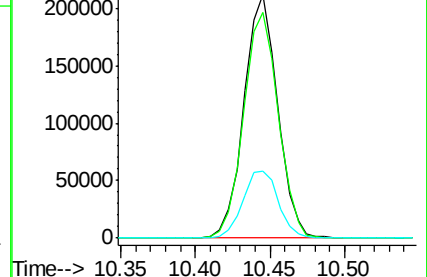
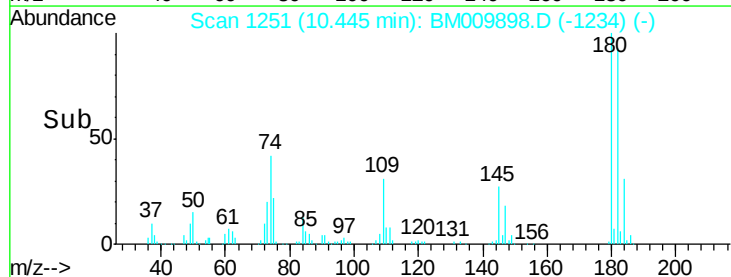
145 27.3 23.4 35.2

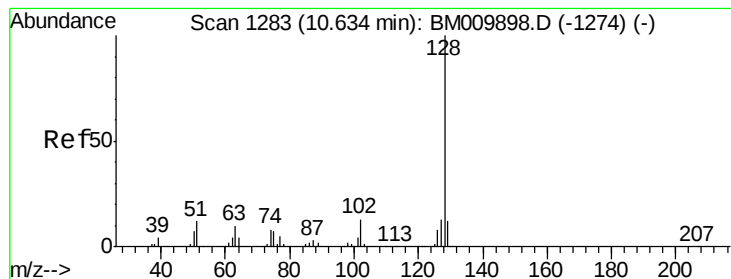


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

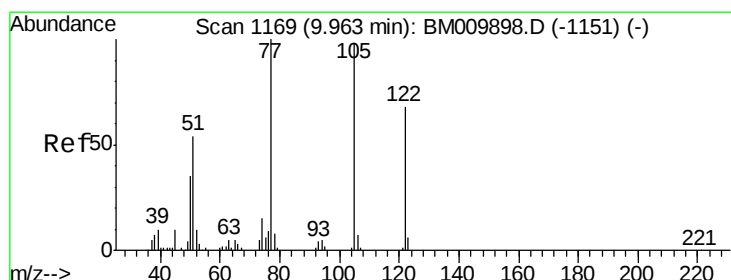
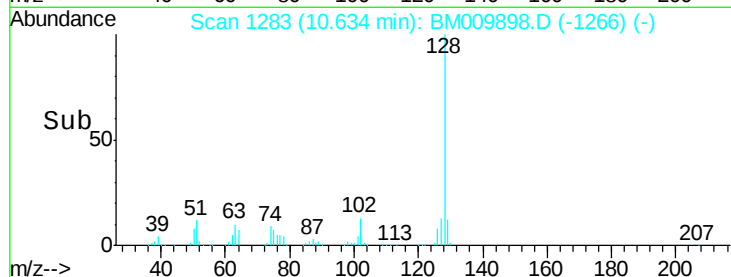
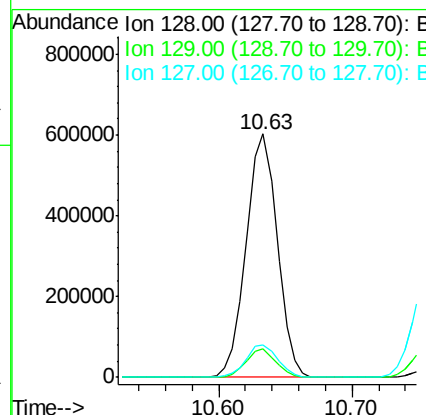
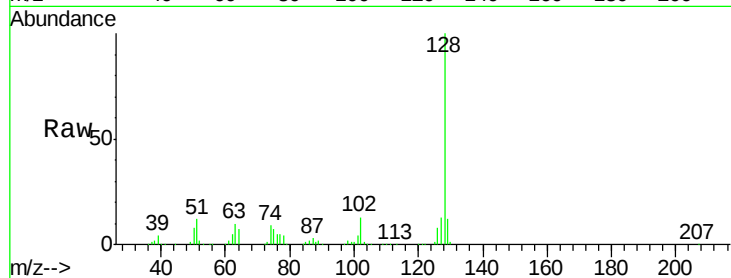




#31
Naphthalene
Concen: 40.38 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

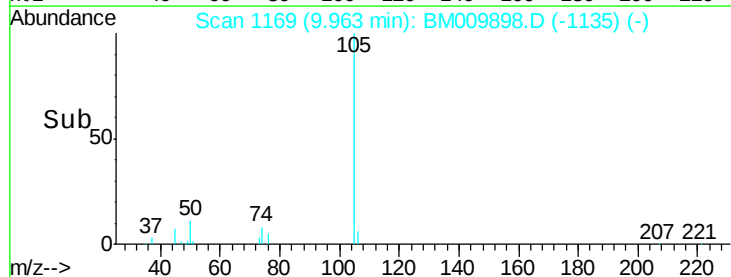
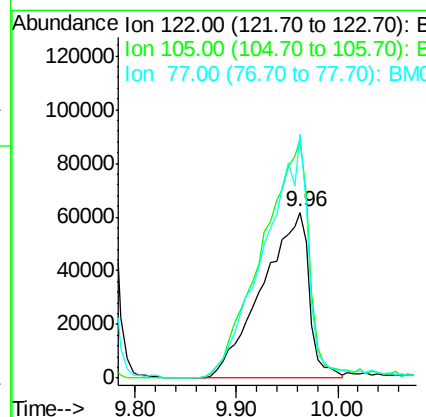
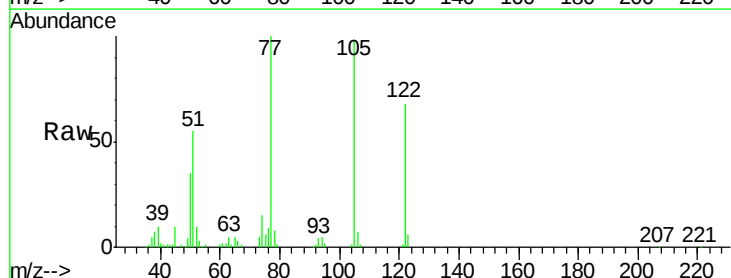
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

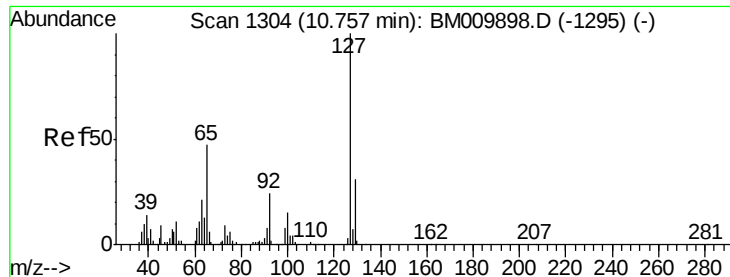
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.3	10.4	15.6



#32
Benzoic acid
Concen: 44.76 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.9	99.9	139.9#
77	146.8	73.7	113.7#

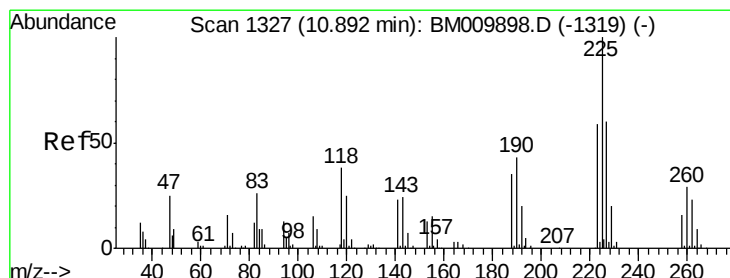
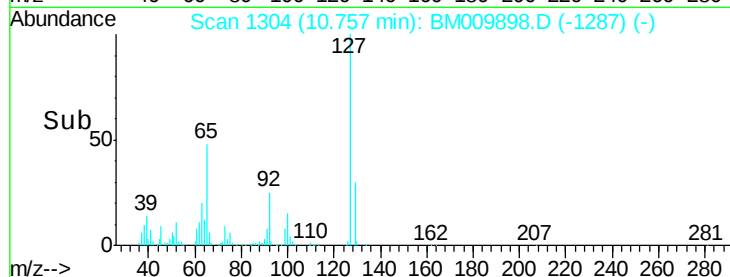
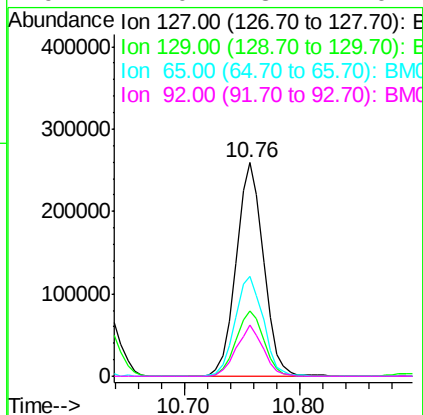
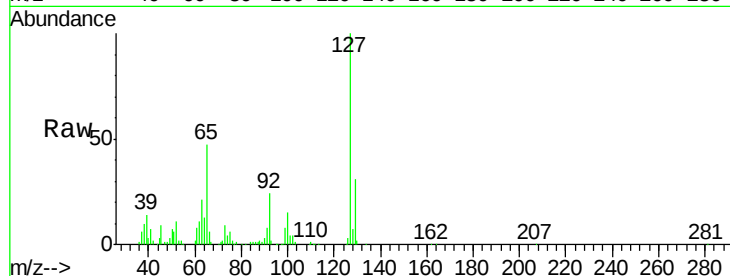




#33
4-Chloroaniline
Concen: 45.69 ng
RT: 10.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

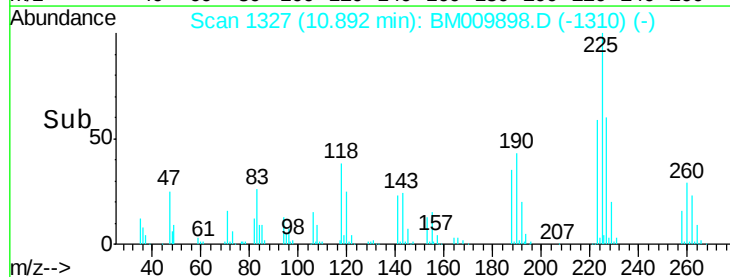
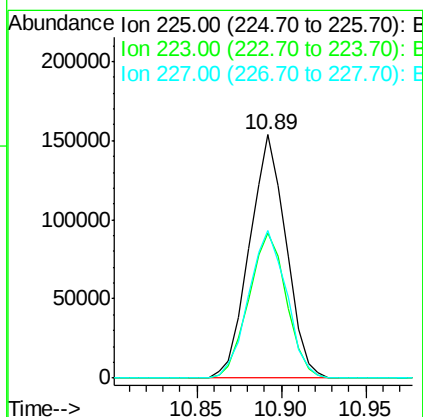
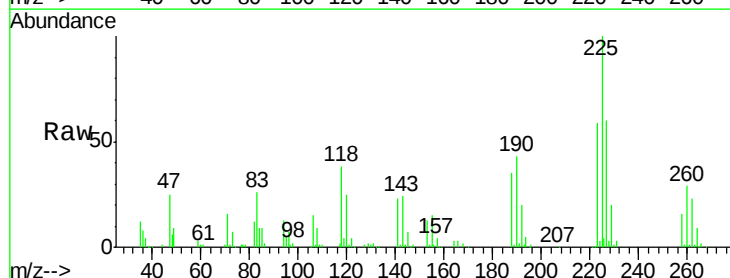
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

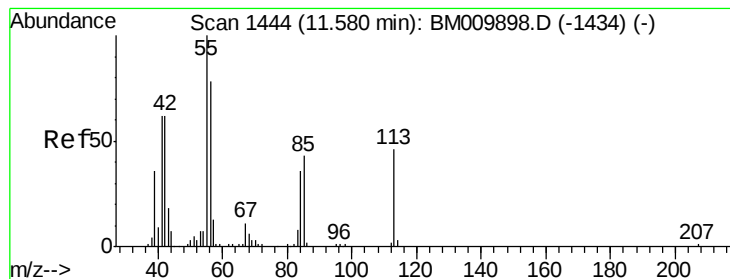
Tgt Ion:	127	Resp:	424352
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	47.0	17.6	26.4
92	24.0	13.1	19.7



#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:	225	Resp:	230367
Ion	Ratio	Lower	Upper
225	100		
223	59.4	47.9	71.9
227	60.5	50.1	75.1





#35

Caprolactam

Concen: 54.18 ng

RT: 11.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

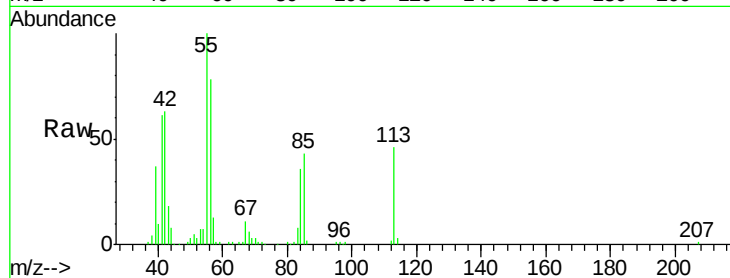
Tgt Ion:113 Resp: 113105

Ion Ratio Lower Upper

113 100

55 219.3 145.9 185.9#

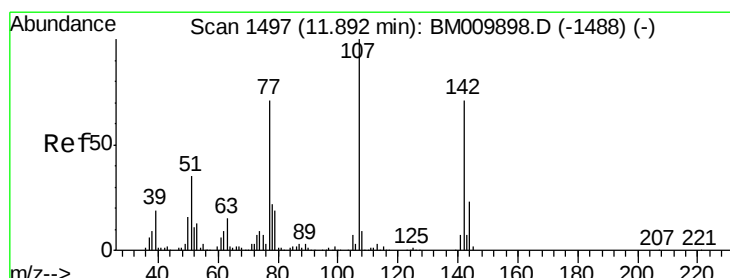
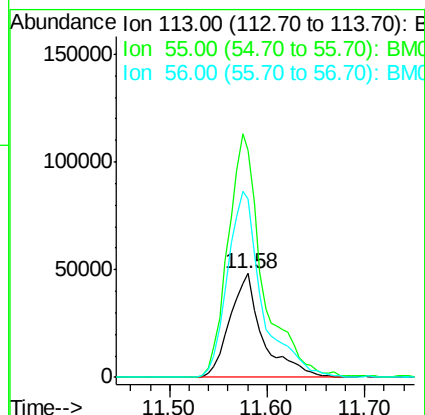
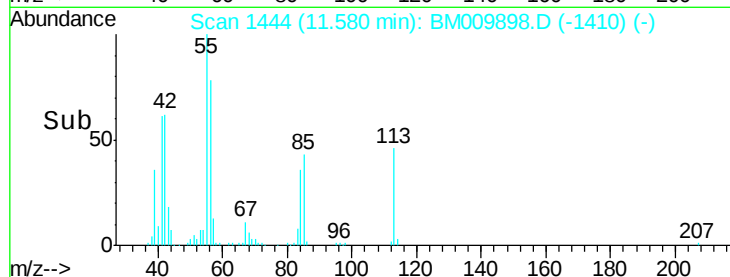
56 171.9 101.0 141.0#



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: 51.10 ng

RT: 11.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

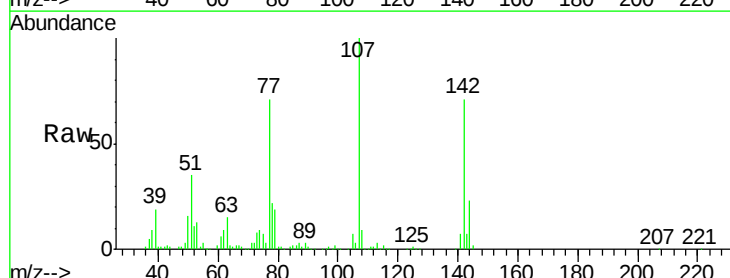
Tgt Ion:107 Resp: 395251

Ion Ratio Lower Upper

107 100

144 23.2 23.3 34.9#

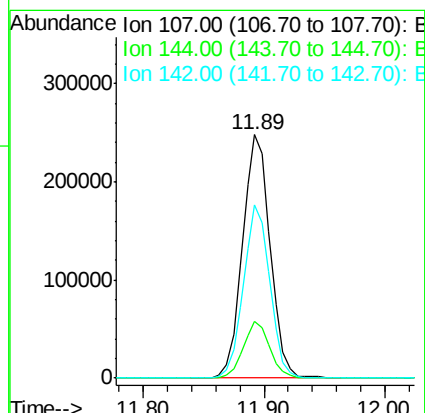
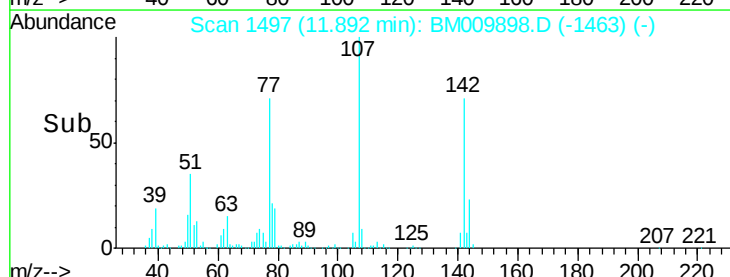
142 71.0 72.6 109.0#

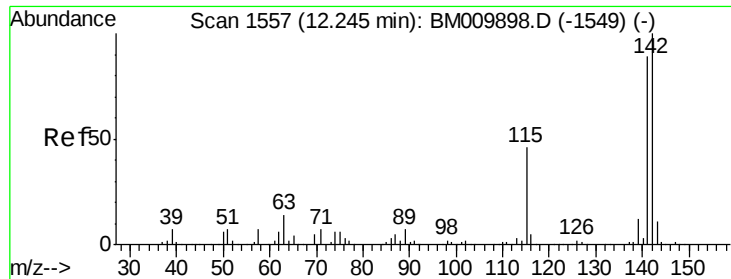


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

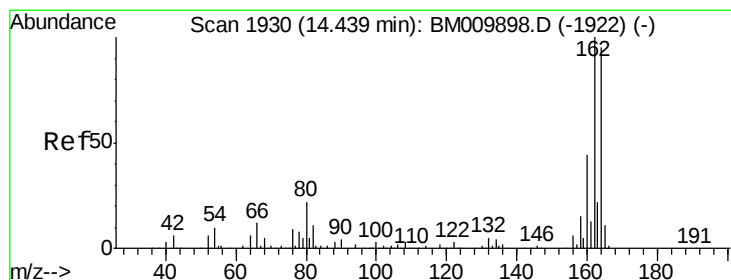
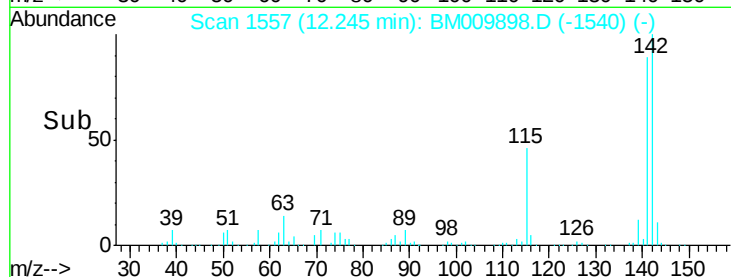
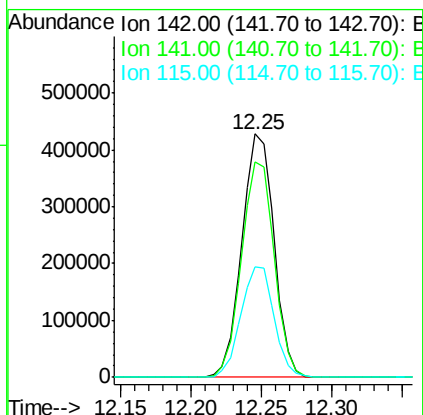
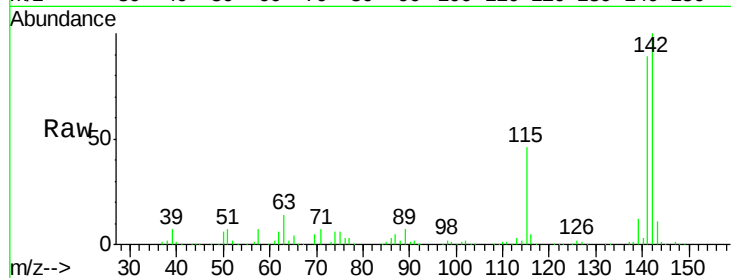




#37
 2-Methylnaphthalene
 Concen: 41.28 ng
 RT: 12.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

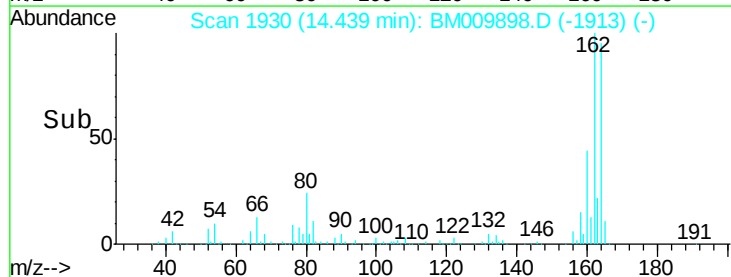
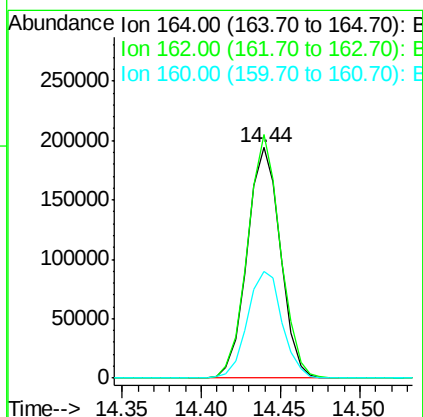
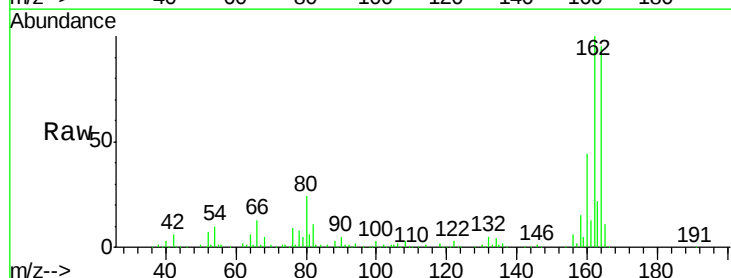
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

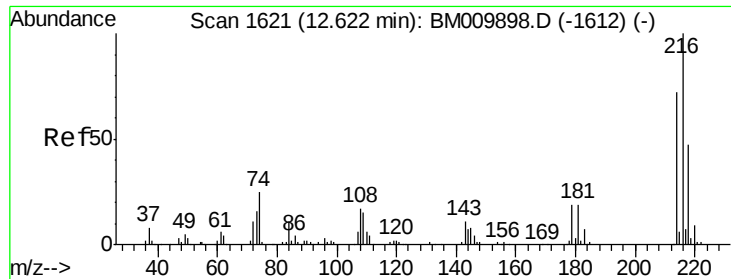
Tgt Ion:142 Resp: 686065
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 45.6 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:164 Resp: 282155
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.4 123.6
 160 46.1 35.8 53.6

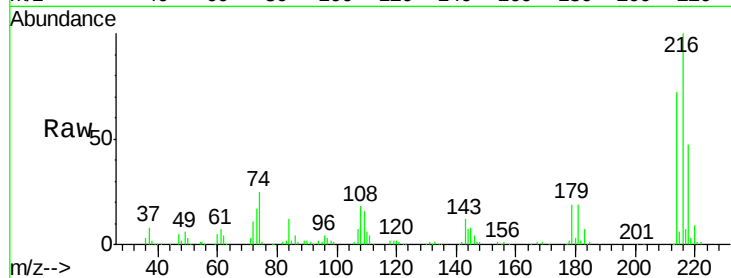




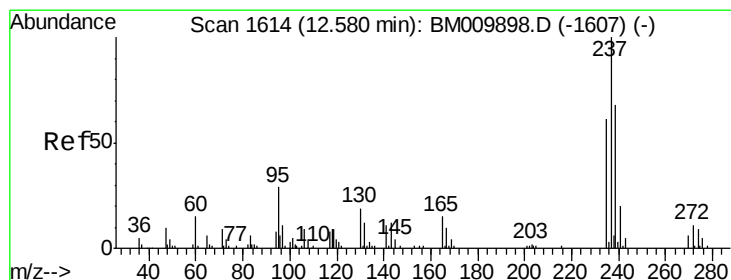
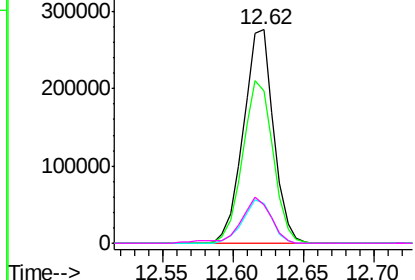
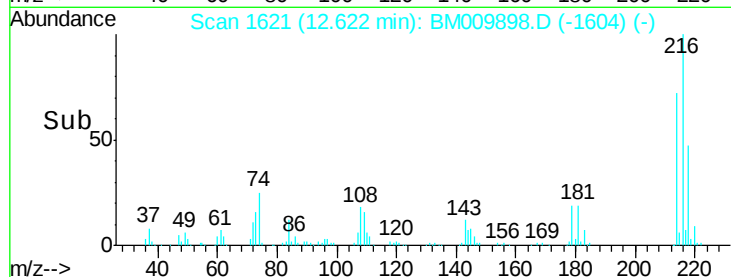
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.69 ng
 RT: 12.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tgt Ion:	216	Resp:	412180
Ion	Ratio	Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	20.0	0.0	0.0#
108	21.4	0.0	0.0#

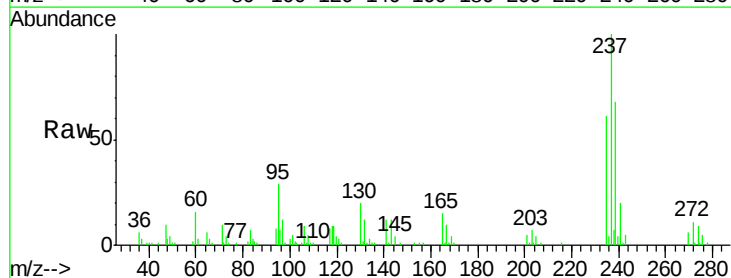


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

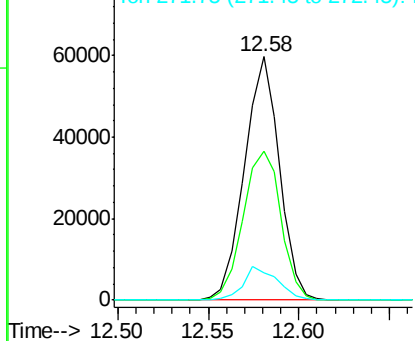
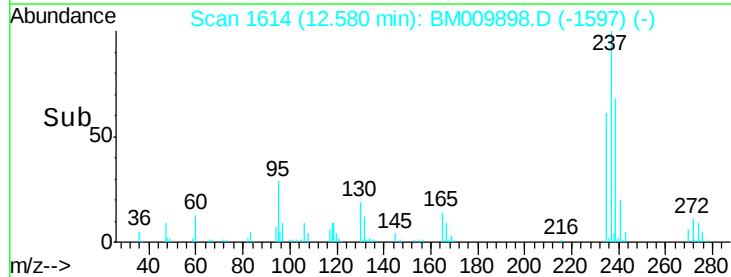


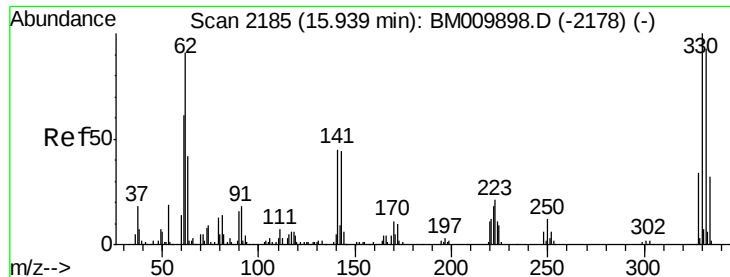
#40
 Hexachlorocyclopentadiene
 Concen: 13.11 ng
 RT: 12.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:	237	Resp:	80153
Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.0	82.0
272	11.4	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

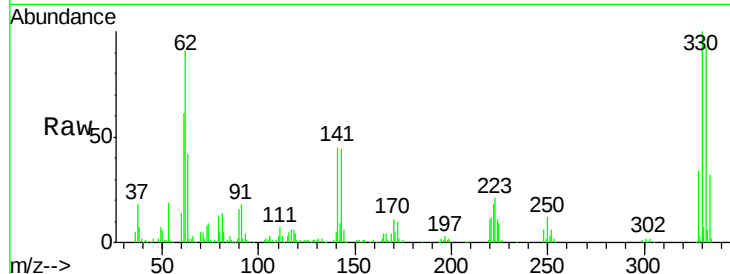




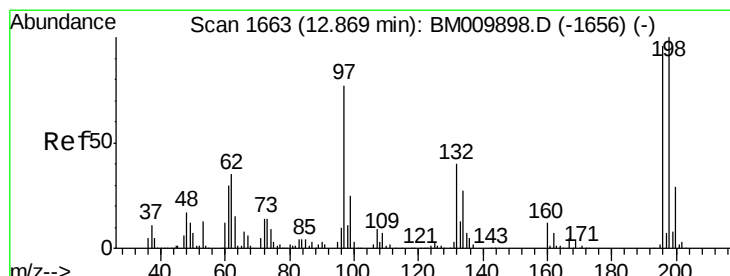
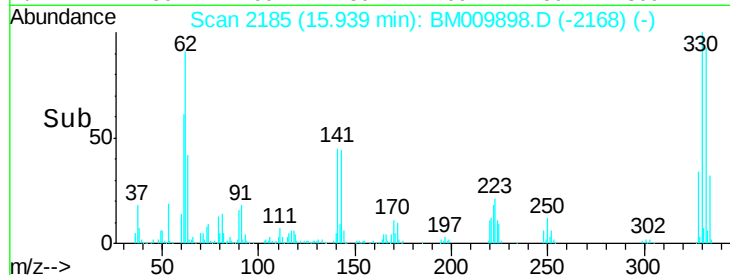
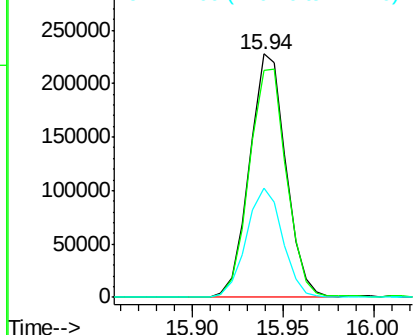
#41
 2,4,6-Tribromophenol
 Concen: 90.42 ng
 RT: 15.94 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tgt Ion: 330 Resp: 316934
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 45.2 0.0 0.0#

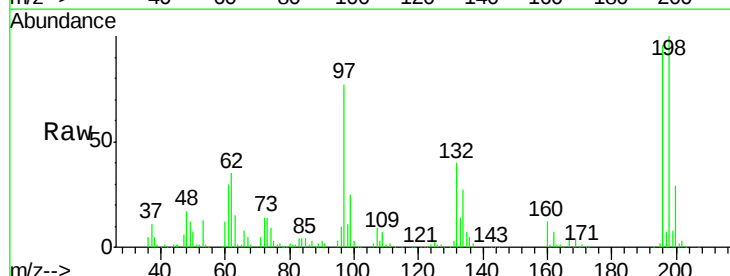


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

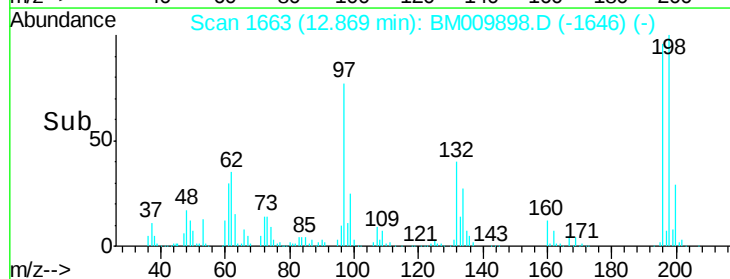
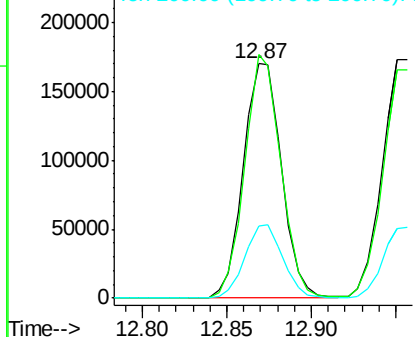


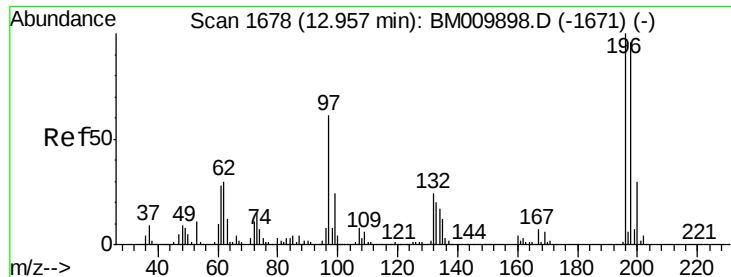
#42
 2,4,6-Trichlorophenol
 Concen: 44.06 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion: 196 Resp: 268398
 Ion Ratio Lower Upper
 196 100
 198 103.9 76.3 114.5
 200 30.6 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

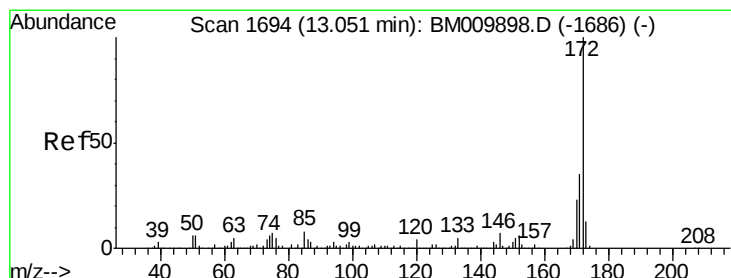
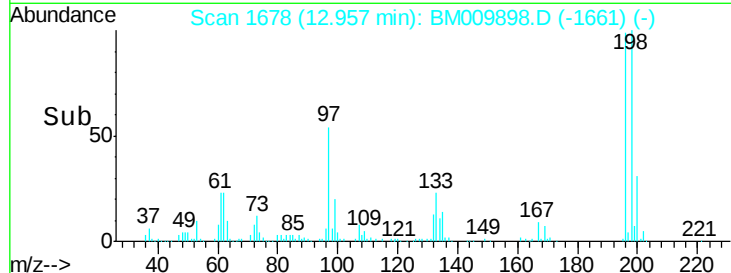
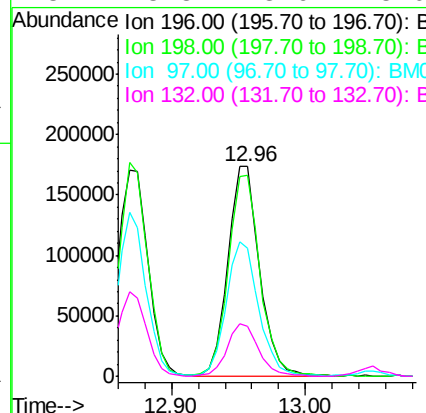
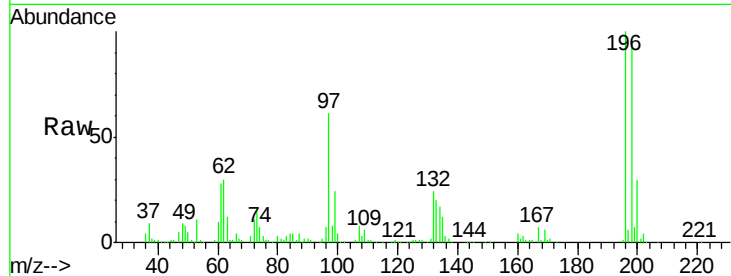




#43
2,4,5-Trichlorophenol
Concen: 42.37 ng
RT: 12.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

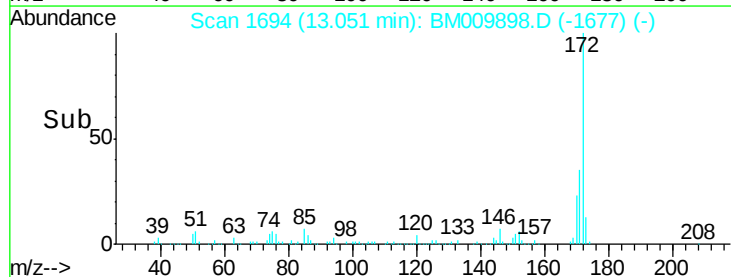
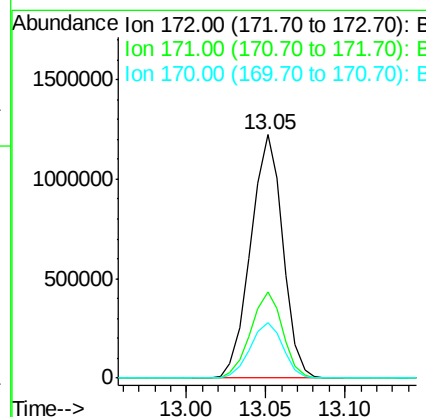
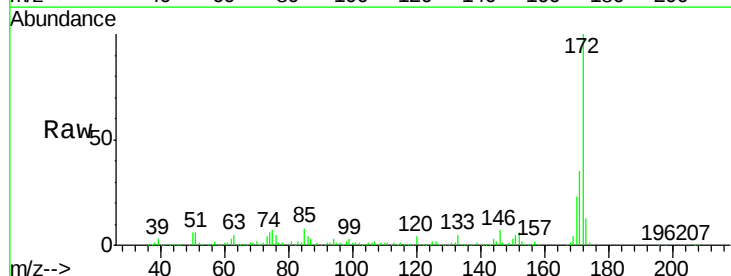
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

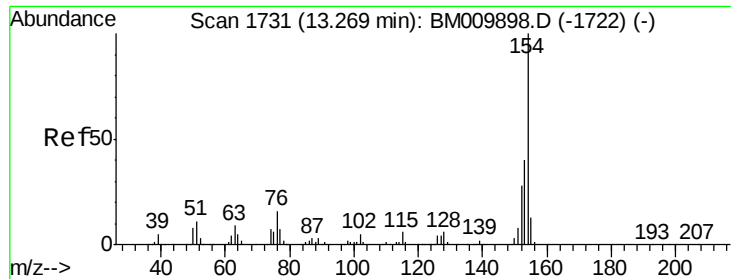
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.0
97	61.1	26.8	40.2
132	23.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 73.55 ng
RT: 13.05 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.0	18.8	28.2

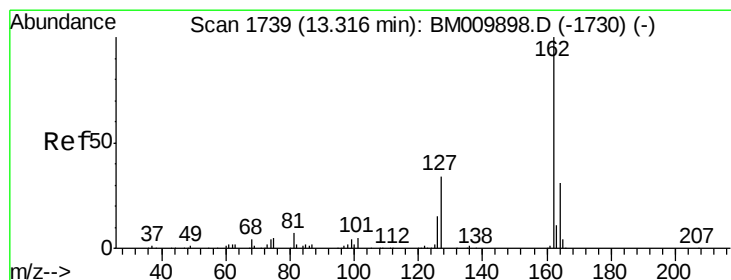
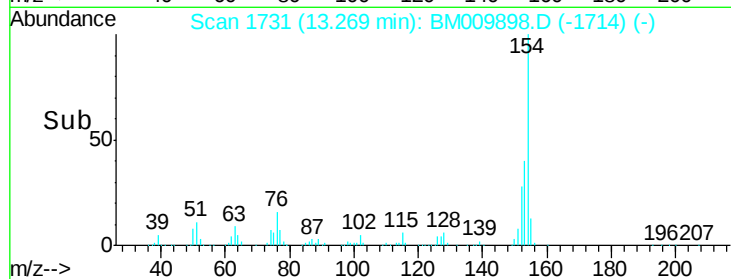
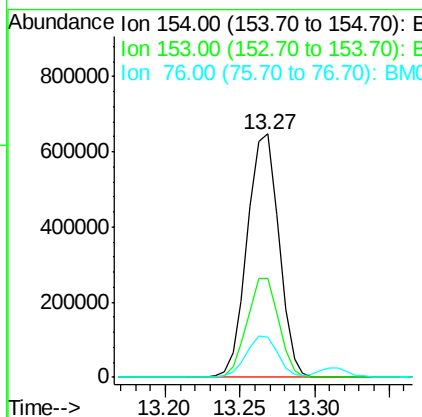
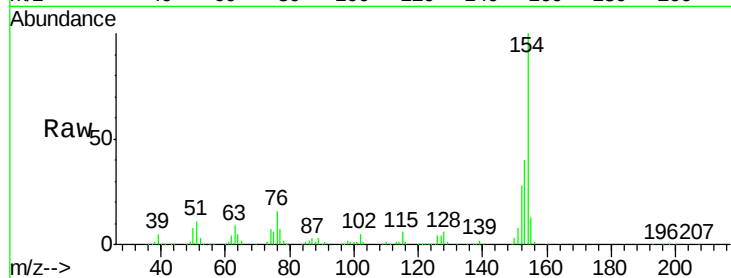




#45
 1,1'-Biphenyl
 Concen: 40.46 ng
 RT: 13.27 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

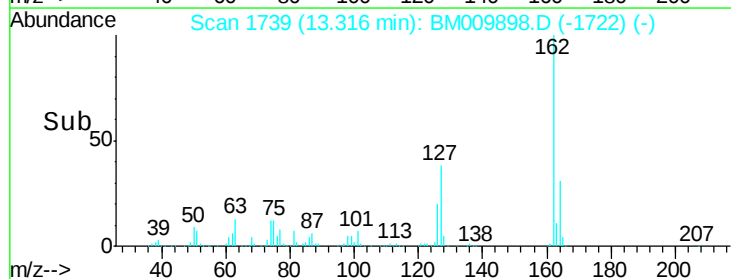
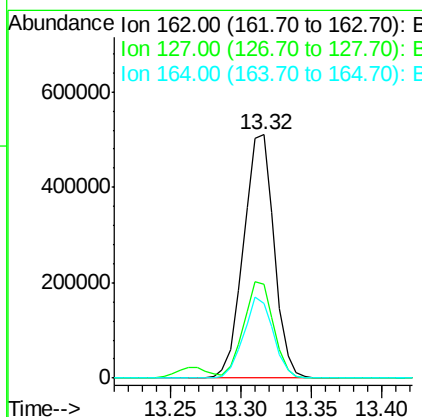
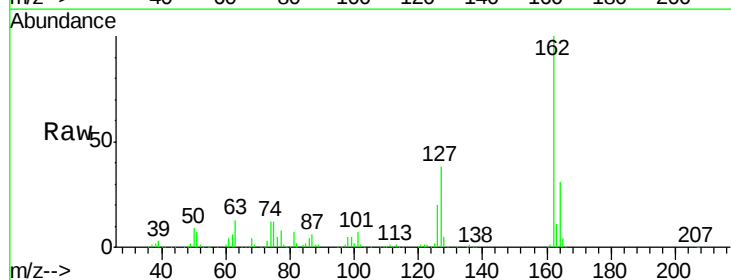
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

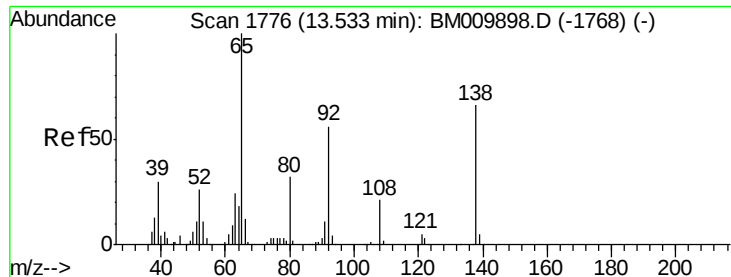
Tgt Ion:154 Resp: 950116
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.7 60.7
 76 16.3 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 42.33 ng
 RT: 13.32 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:162 Resp: 772033
 Ion Ratio Lower Upper
 162 100
 127 38.5 26.9 40.3
 164 30.9 26.8 40.2





#47

2-Nitroaniline

Concen: 56.84 ng

RT: 13.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

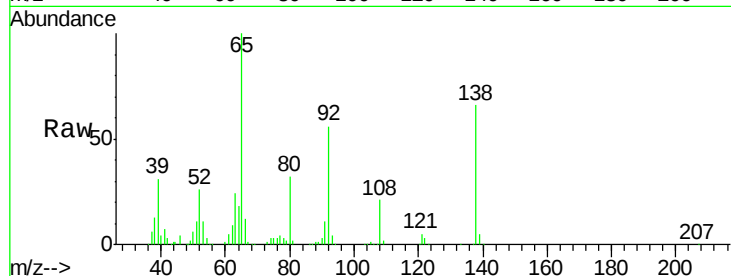
Tgt Ion: 65 Resp: 381966

Ion Ratio Lower Upper

65 100

92 56.3 59.1 88.7#

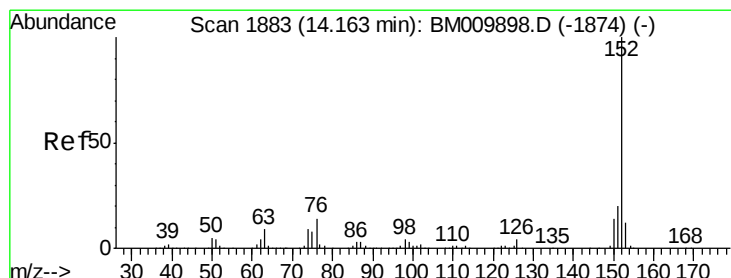
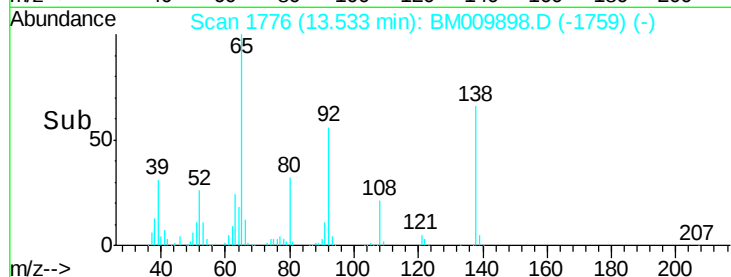
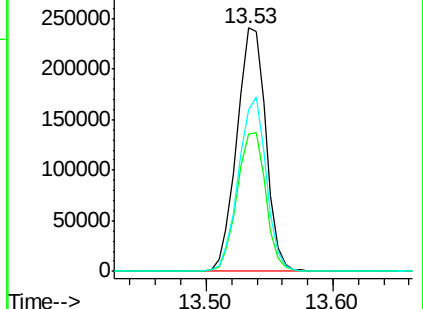
138 66.4 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009898.D (-1768) (-)

Ion 92.00 (91.70 to 92.70): BM009898.D (-1768) (-)

Ion 138.00 (137.70 to 138.70): BM009898.D (-1768) (-)



#48

Acenaphthylene

Concen: 40.23 ng

RT: 14.16 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

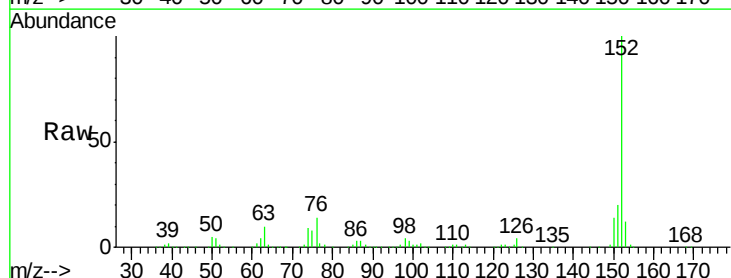
Tgt Ion: 152 Resp: 1195159

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

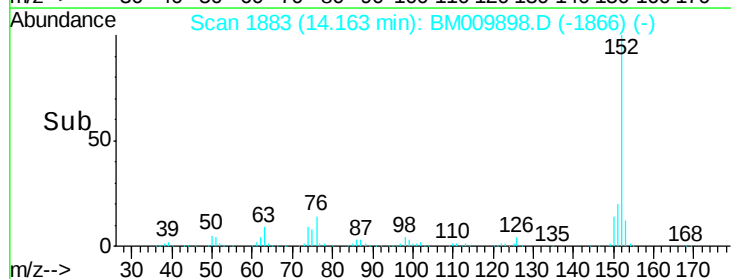
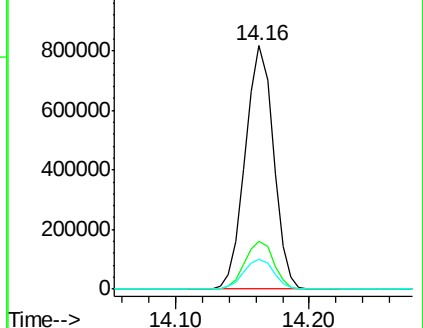
153 12.3 10.6 16.0

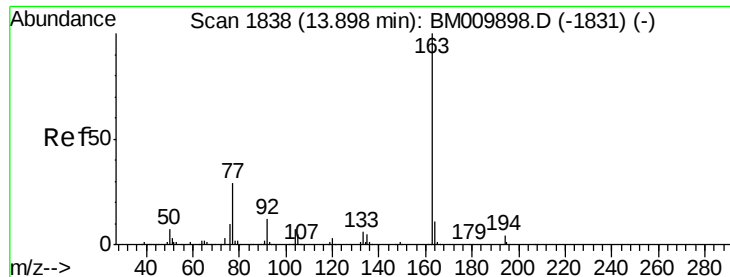


Abundance Ion 152.00 (151.70 to 152.70): BM009898.D (-1874) (-)

Ion 151.00 (150.70 to 151.70): BM009898.D (-1874) (-)

Ion 153.00 (152.70 to 153.70): BM009898.D (-1874) (-)





#49

Dimethylphthalate

Concen: 49.42 ng

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

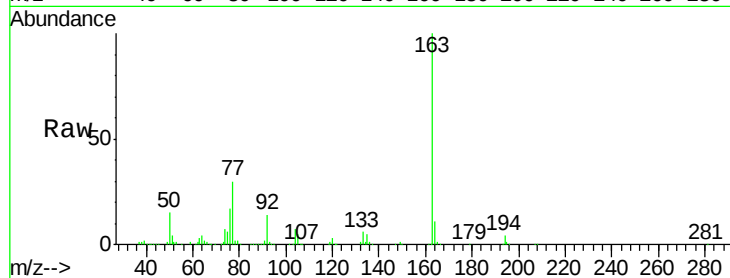
Tgt Ion:163 Resp: 1070531

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

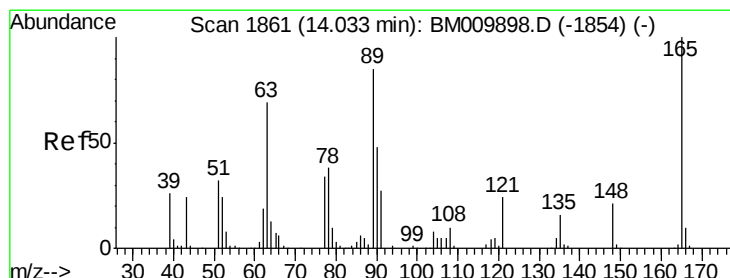
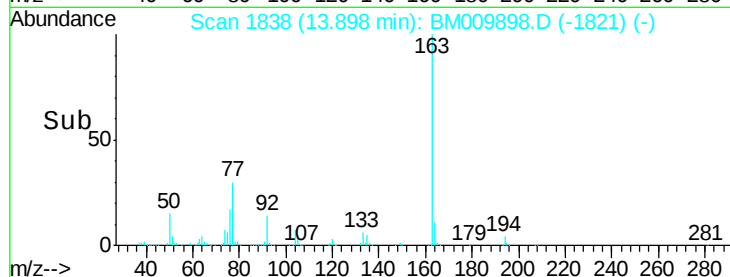
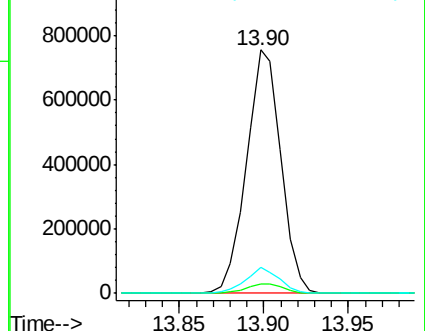
164 10.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 45.82 ng

RT: 14.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

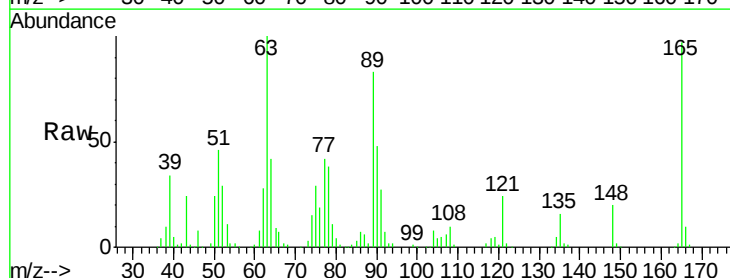
Tgt Ion:165 Resp: 213878

Ion Ratio Lower Upper

165 100

63 102.6 44.1 66.1#

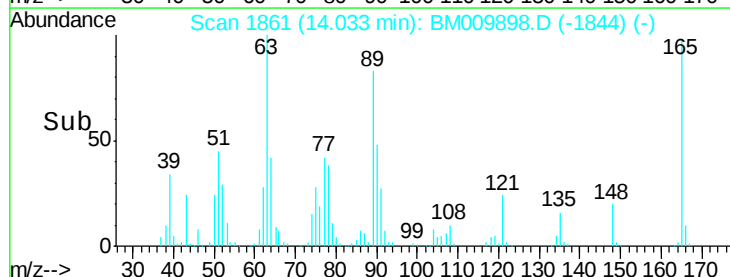
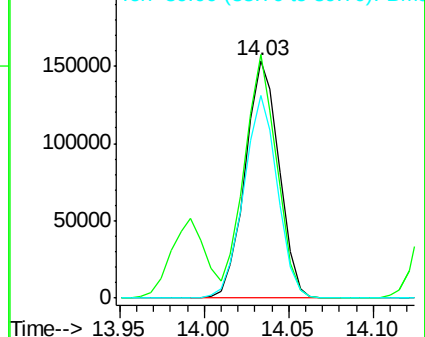
89 85.1 44.3 66.5#

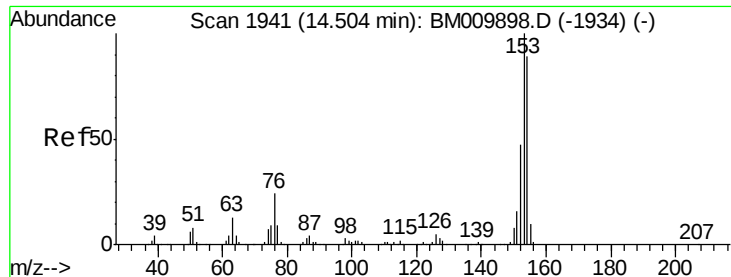


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 41.27 ng

RT: 14.50 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

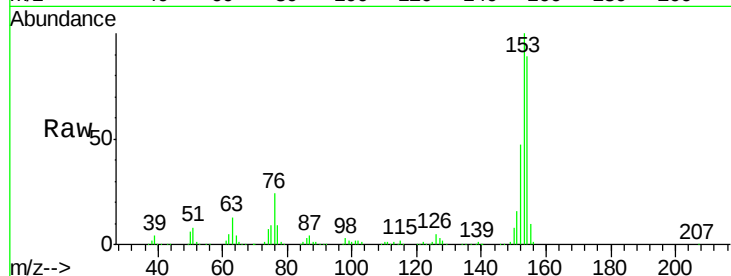
Tgt Ion:154 Resp: 739664

Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

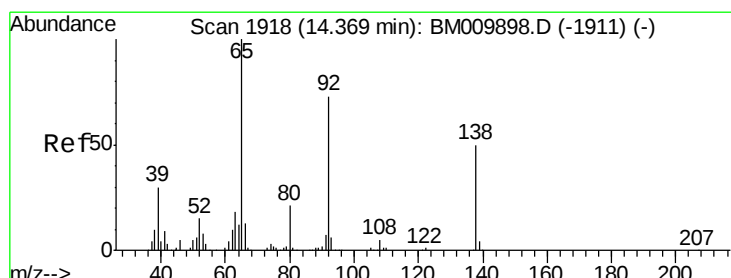
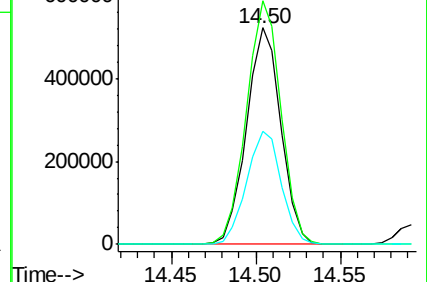
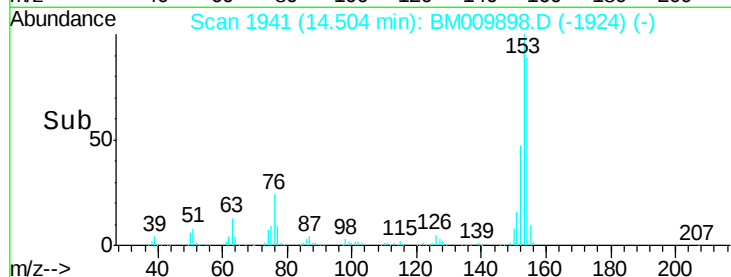
152 52.4 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 51.21 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

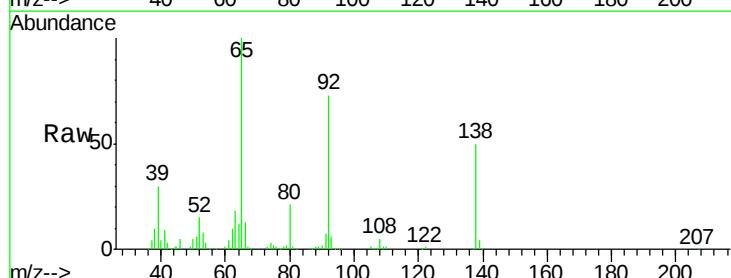
Tgt Ion:138 Resp: 235521

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

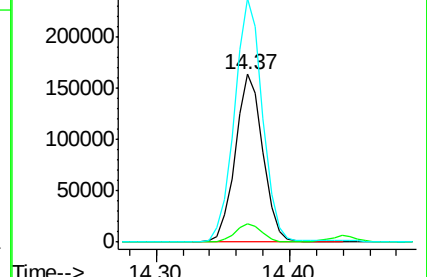
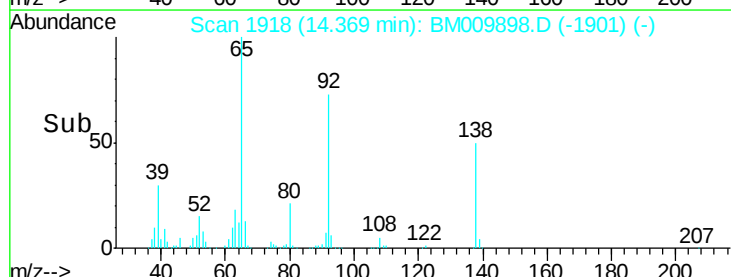
92 145.0 76.6 114.8#

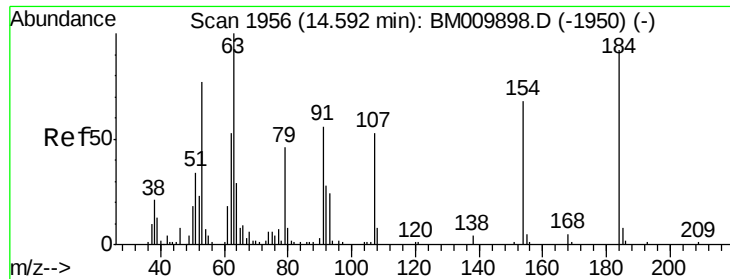


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

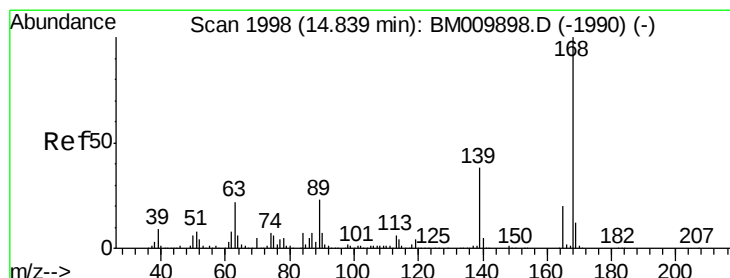
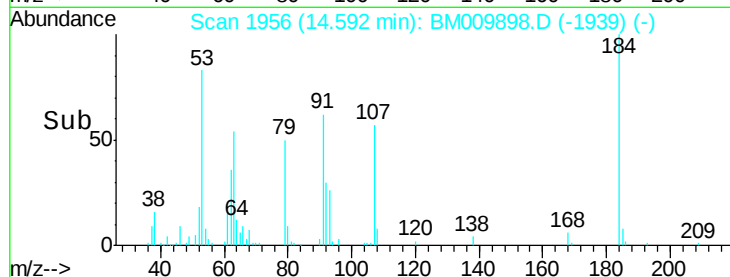
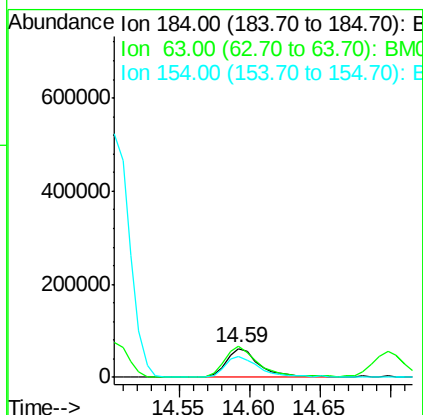
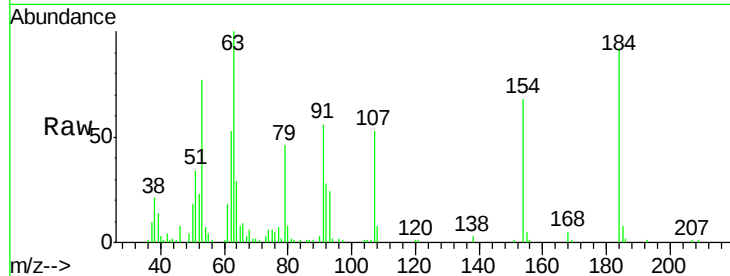




#53
2,4-Dinitrophenol
Concen: 37.09 ng
RT: 14.59 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

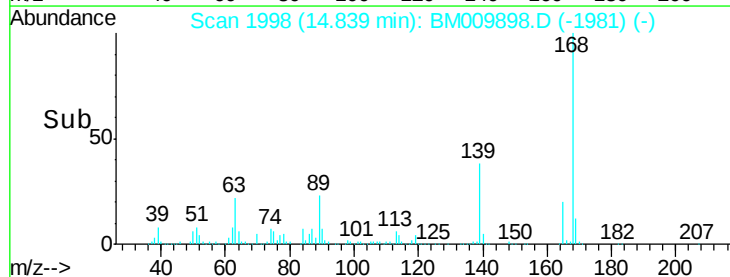
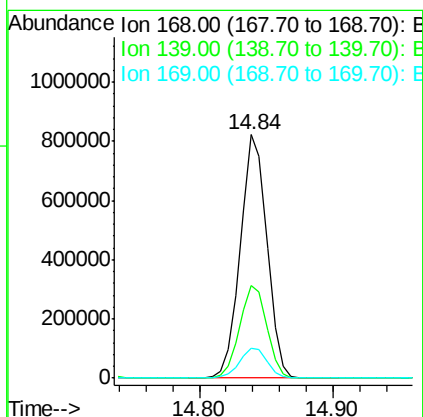
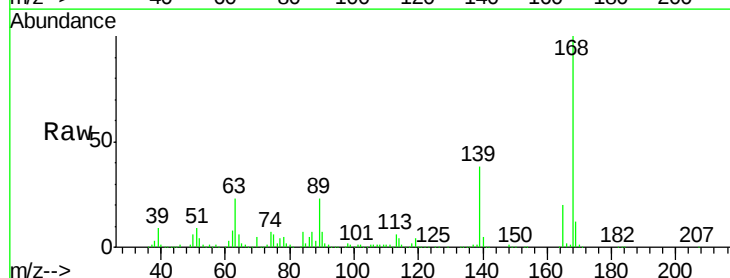
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

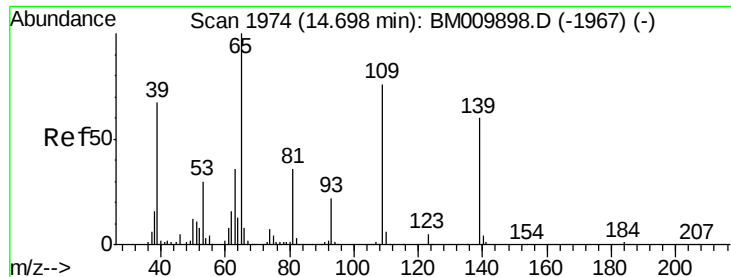
Tgt Ion:184 Resp: 102172
Ion Ratio Lower Upper
184 100
63 109.3 69.2 103.8#
154 74.3 53.3 79.9



#54
Dibenzofuran
Concen: 42.63 ng
RT: 14.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:168 Resp: 1130067
Ion Ratio Lower Upper
168 100
139 38.2 27.3 40.9
169 12.0 10.6 16.0

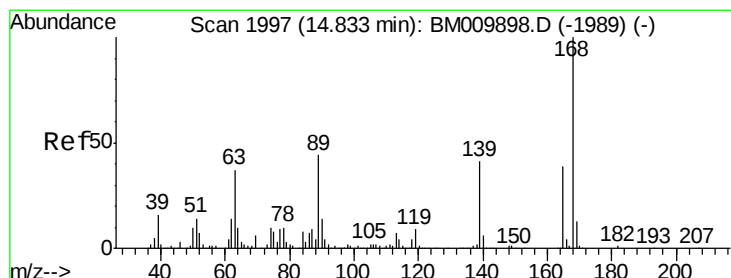
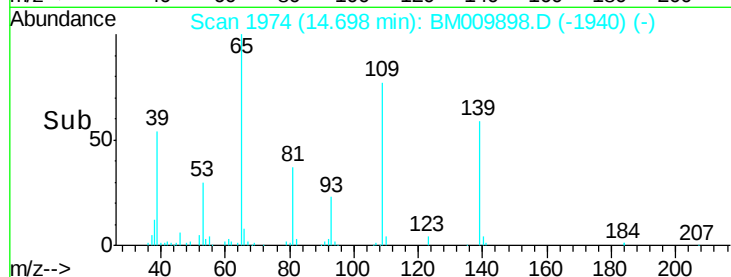
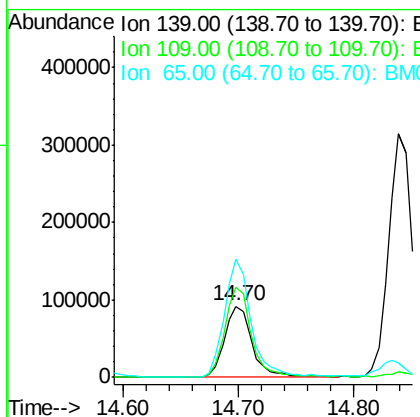
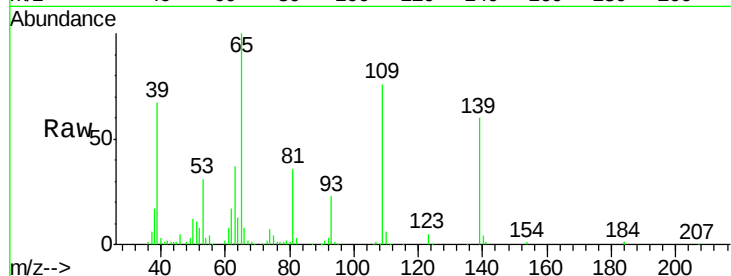




#55
4-Nitrophenol
Concen: 40.54 ng
RT: 14.70 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

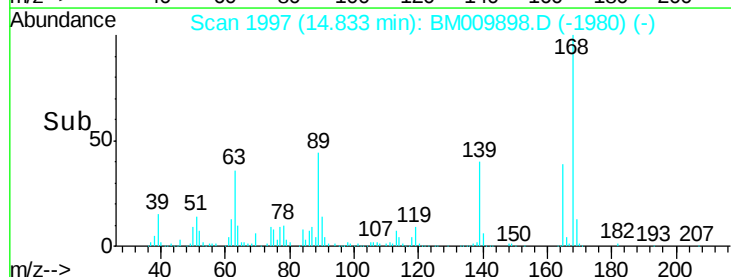
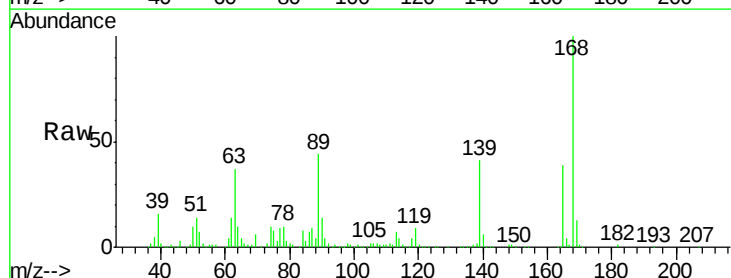
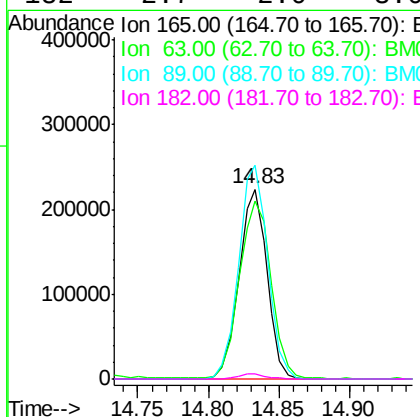
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

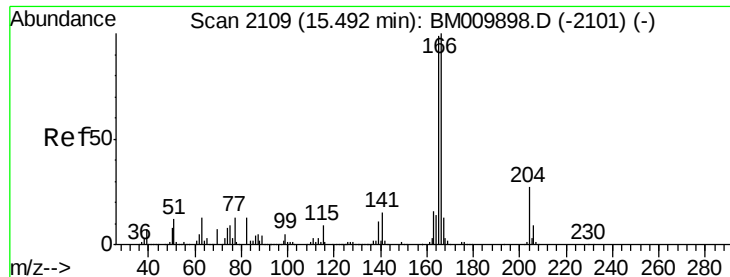
Tgt Ion:139 Resp: 154120
Ion Ratio Lower Upper
139 100
109 126.6 37.7 77.7#
65 166.3 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 48.94 ng
RT: 14.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:165 Resp: 309113
Ion Ratio Lower Upper
165 100
63 94.0 52.4 78.6#
89 112.7 72.4 108.6#
182 2.7 2.0 3.0





#57

Fluorene

Concen: 41.64 ng

RT: 15.49 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

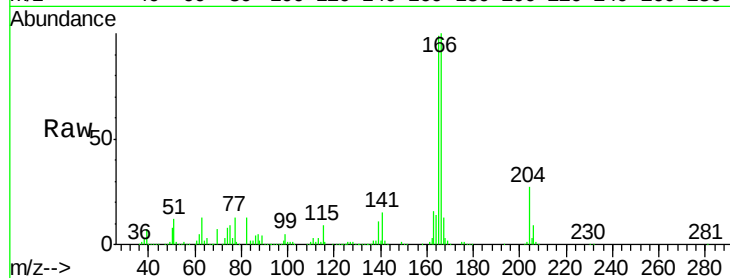
Tgt Ion:166 Resp: 992065

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

167 13.5 10.3 15.5

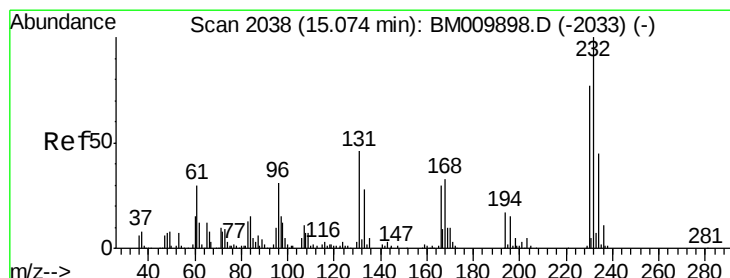
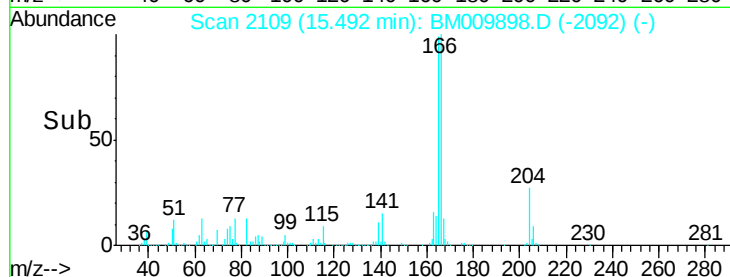
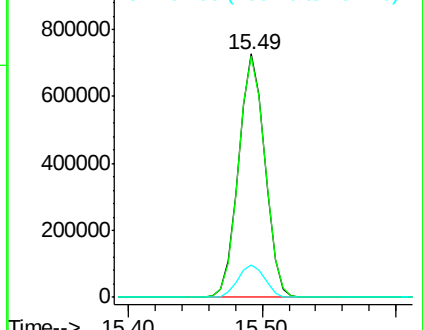


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

RT: 15.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Tgt Ion:232 Resp: 217905

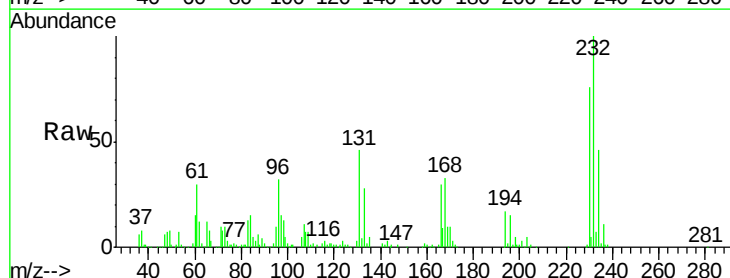
Ion Ratio Lower Upper

232 100

131 47.5 0.0 0.0#

130 2.9 0.0 0.0#

166 31.2 0.0 0.0#



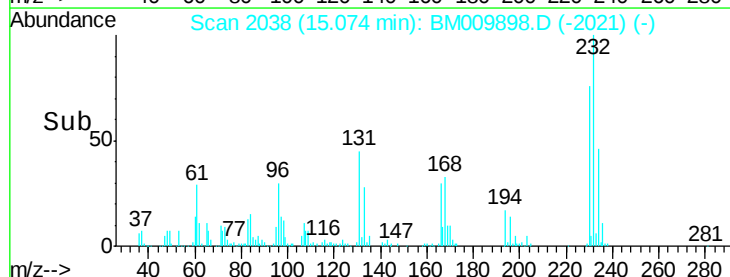
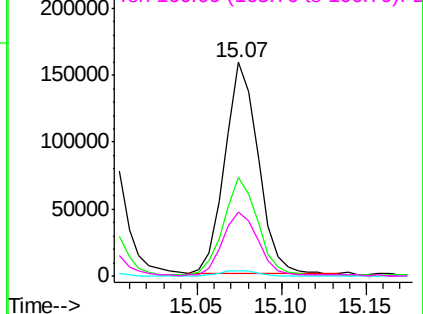
Abundance

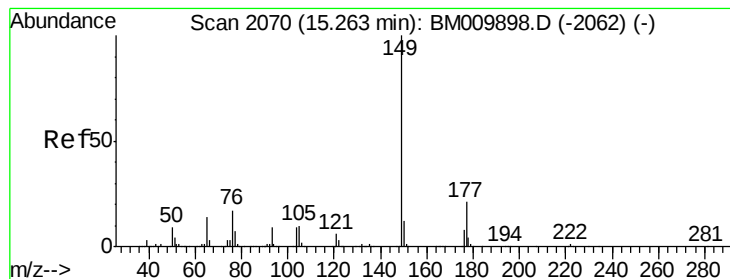
Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 52.32 ng

RT: 15.26 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

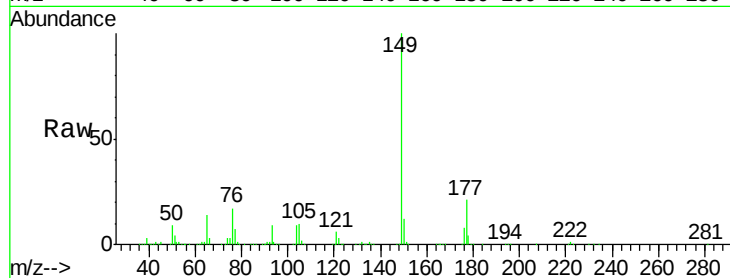
Tgt Ion:149 Resp: 1149833

Ion Ratio Lower Upper

149 100

177 20.6 18.3 27.5

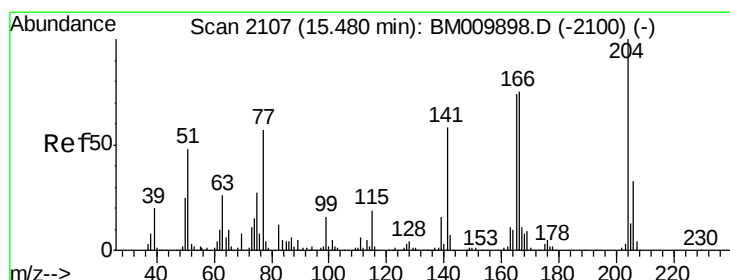
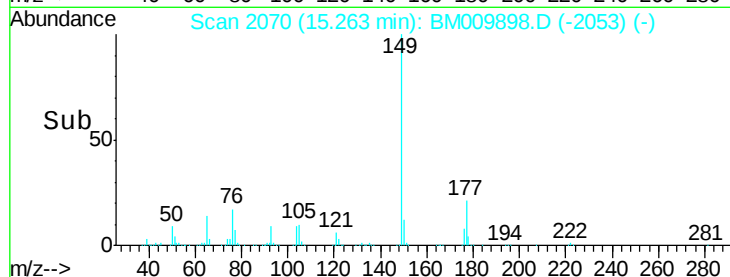
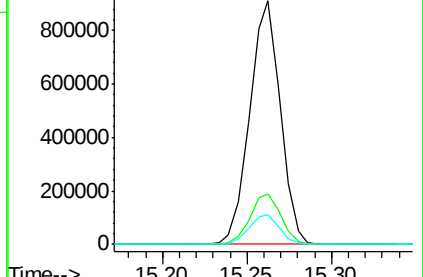
150 12.3 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 42.67 ng

RT: 15.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

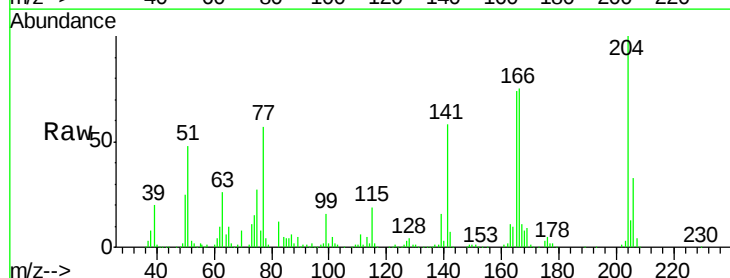
Tgt Ion:204 Resp: 530852

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

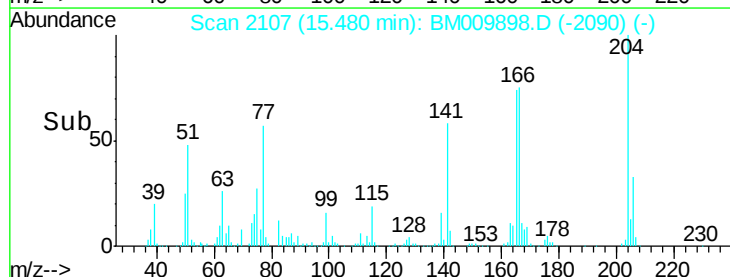
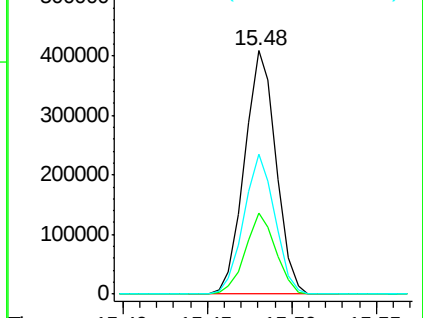
141 57.7 45.2 67.8

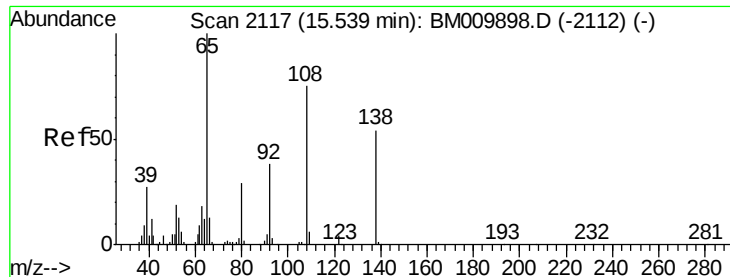


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.90 ng

RT: 15.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

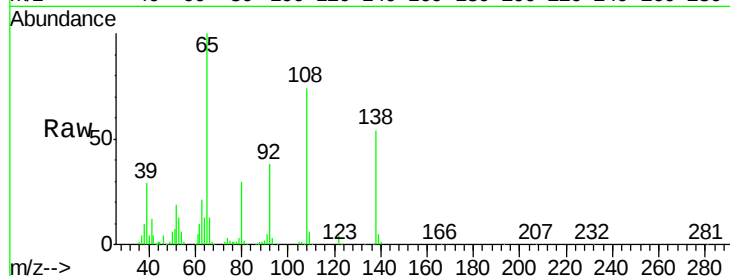
Tgt Ion:138 Resp: 234310

Ion Ratio Lower Upper

138 100

92 71.0 16.7 56.7#

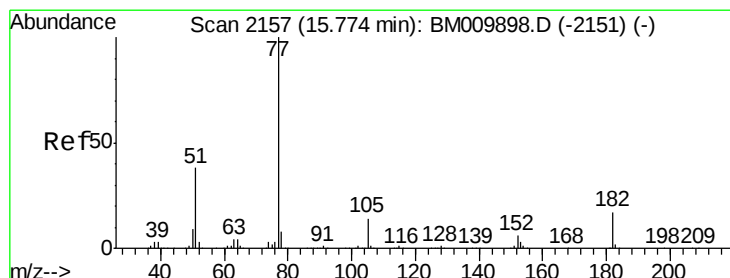
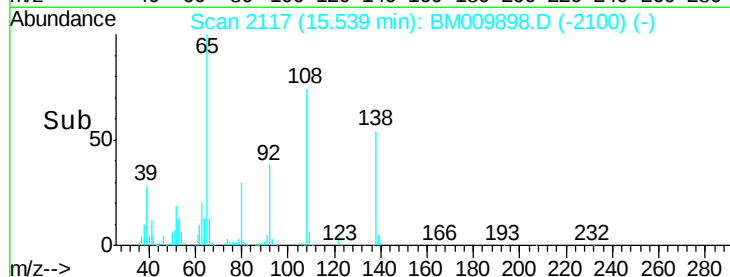
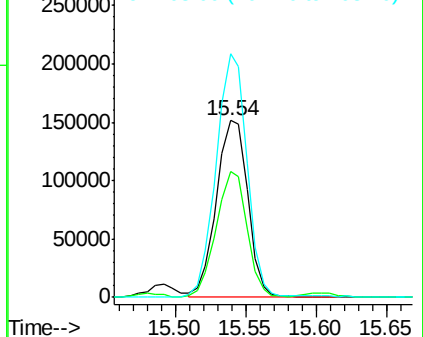
108 137.7 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.15 ng

RT: 15.77 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Tgt Ion: 77 Resp: 1286597

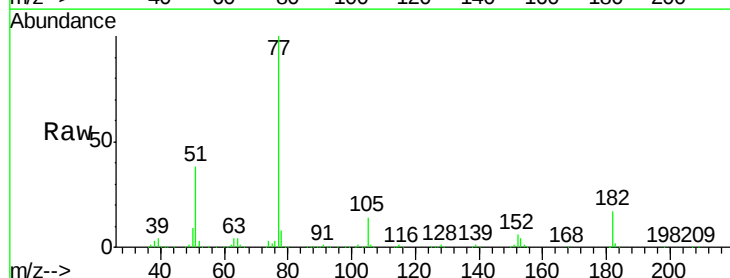
Ion Ratio Lower Upper

77 100

182 16.9 6.5 46.5

105 14.5 3.8 43.8

51 38.5 5.5 45.5

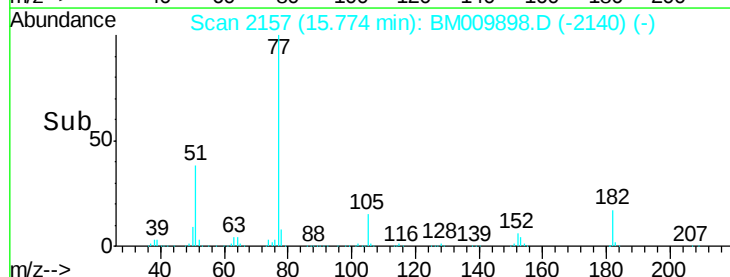
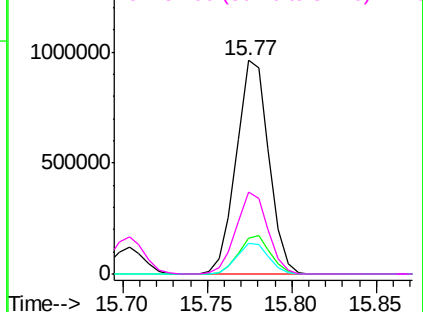


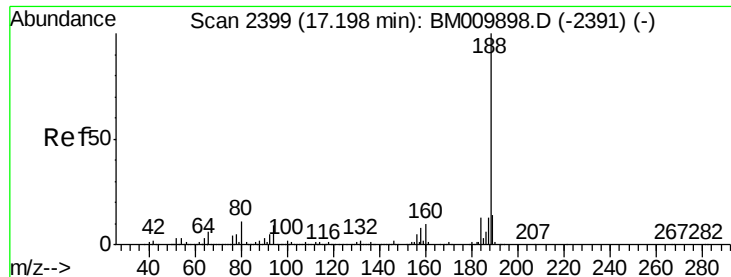
Abundance Ion 77.00 (76.70 to 77.70): BM

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): BM

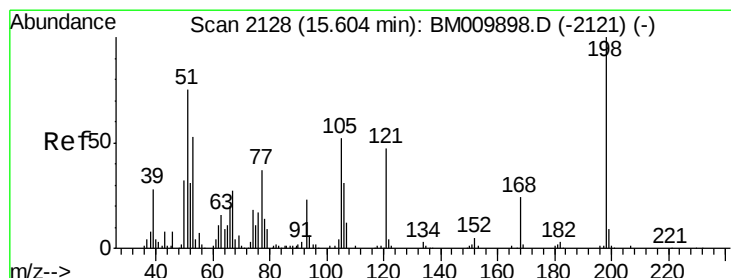
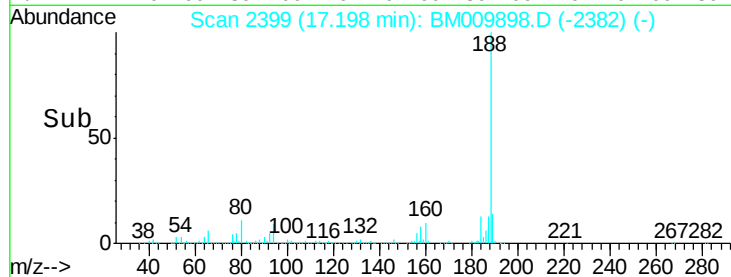
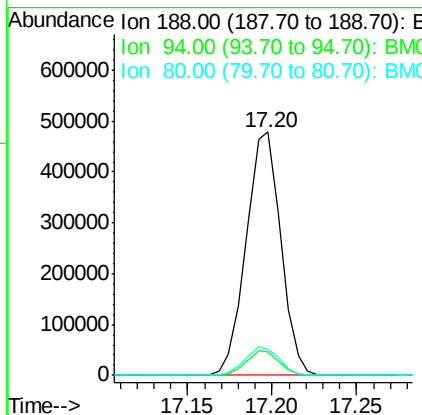
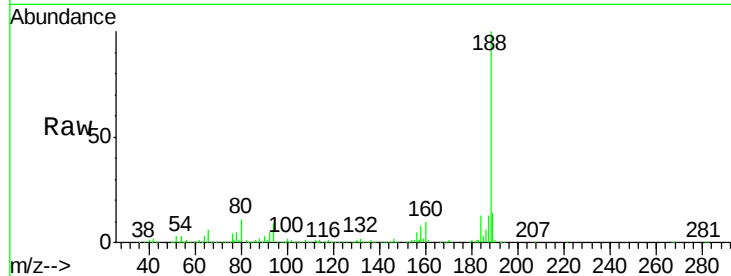




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

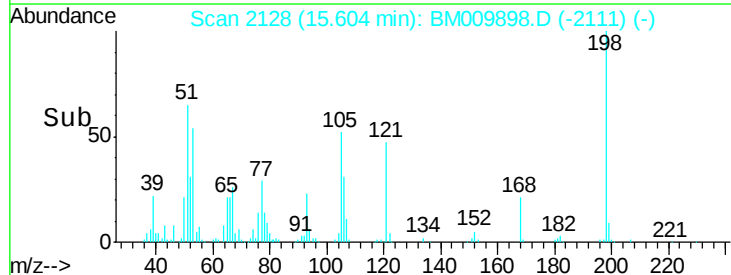
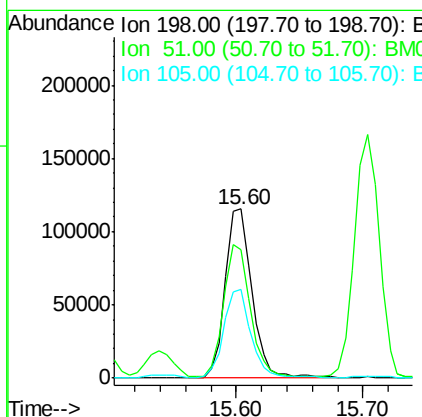
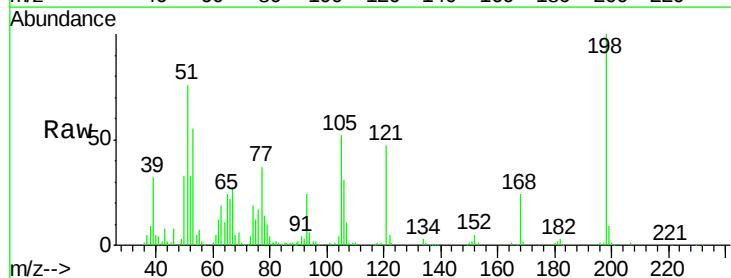
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

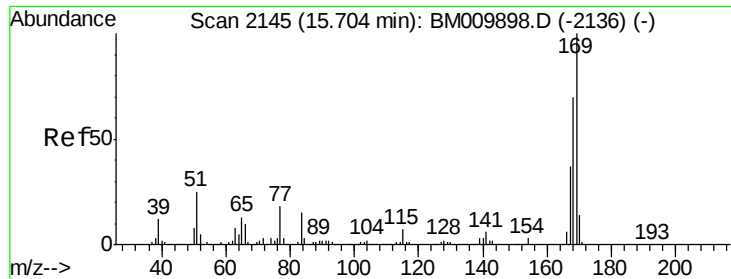
Tgt Ion:188 Resp: 684251
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 10.5 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 39.30 ng
RT: 15.60 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:198 Resp: 169420
Ion Ratio Lower Upper
198 100
51 75.8 28.8 68.8#
105 52.1 30.5 70.5

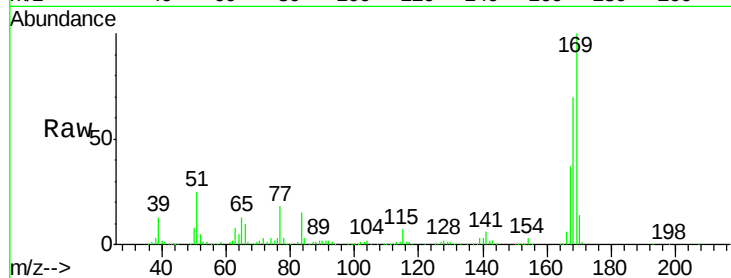




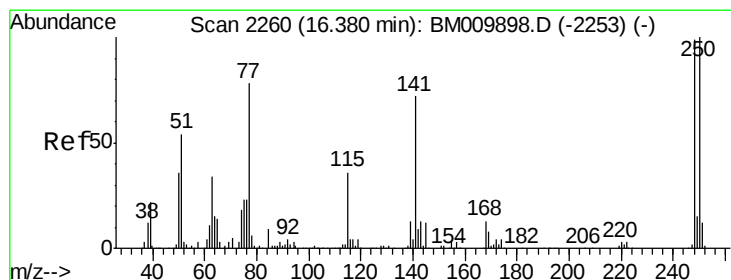
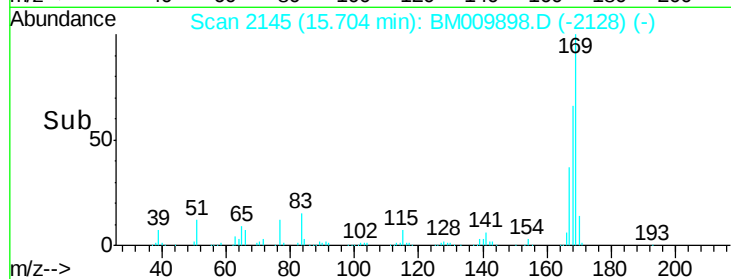
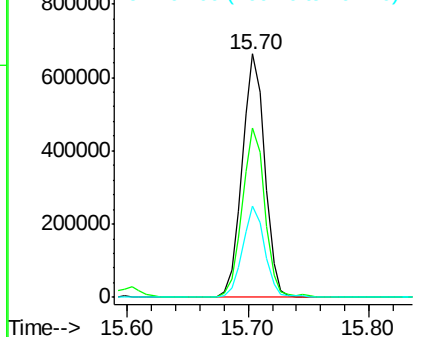
#65
n-Nitrosodiphenylamine
Concen: 41.87 ng
RT: 15.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:169 Resp: 870224
Ion Ratio Lower Upper
169 100
168 69.8 53.9 80.9
167 37.2 28.9 43.3

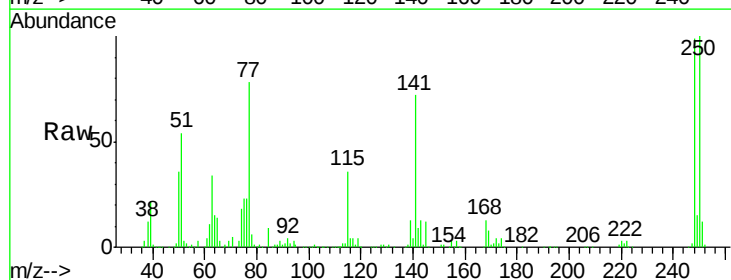


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

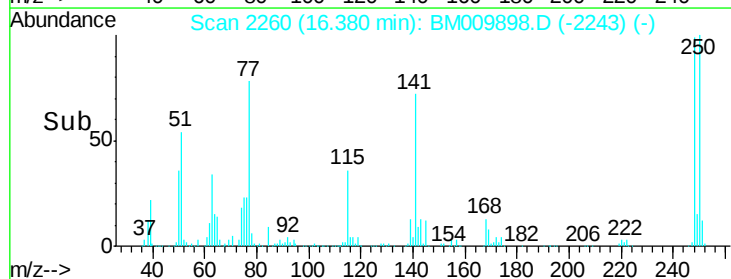
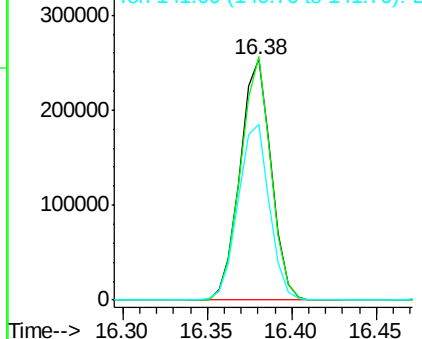


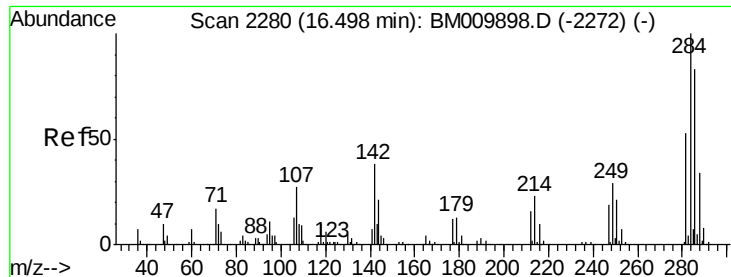
#66
4-Bromophenyl-phenylether
Concen: 41.19 ng
RT: 16.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion:248 Resp: 326533
Ion Ratio Lower Upper
248 100
250 101.0 77.4 116.0
141 73.2 45.2 67.8#



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

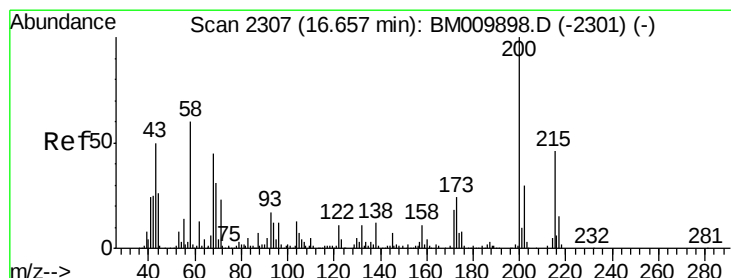
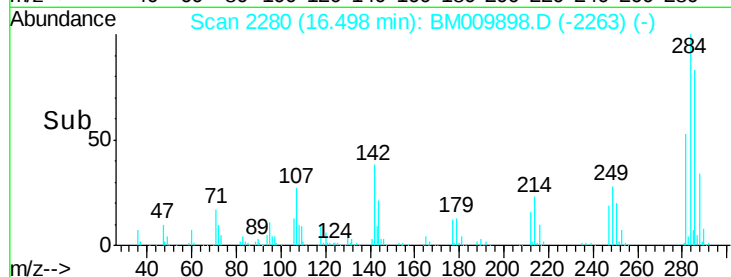
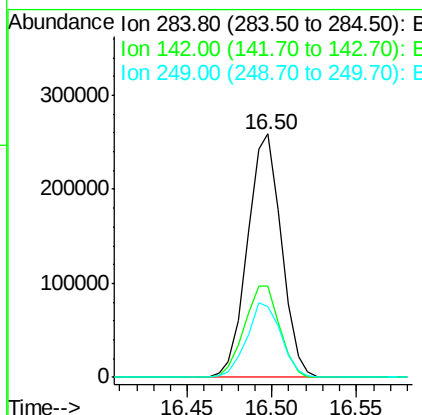
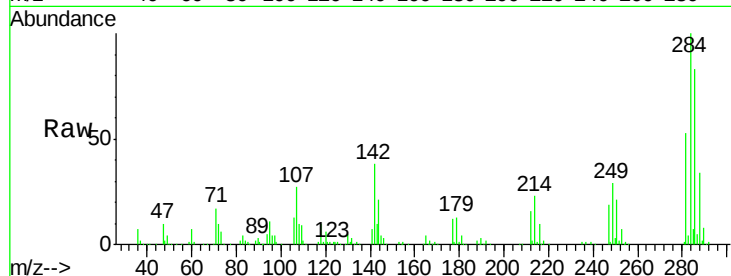




#67
Hexachlorobenzene
Concen: 41.63 ng
RT: 16.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

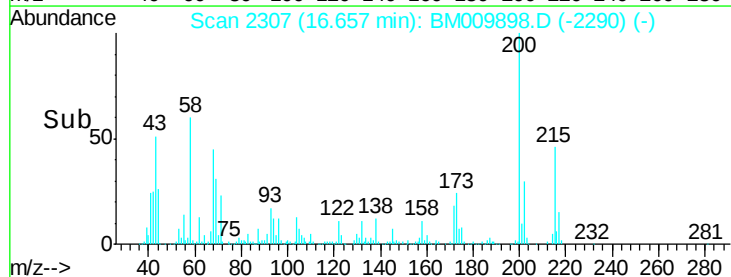
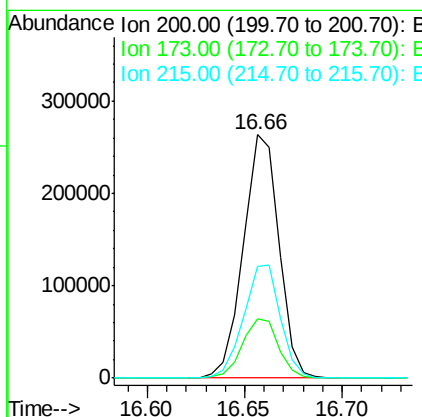
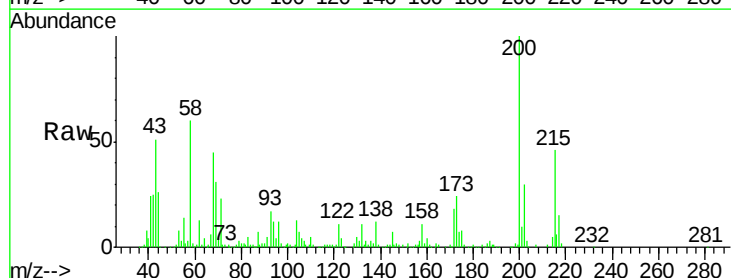
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

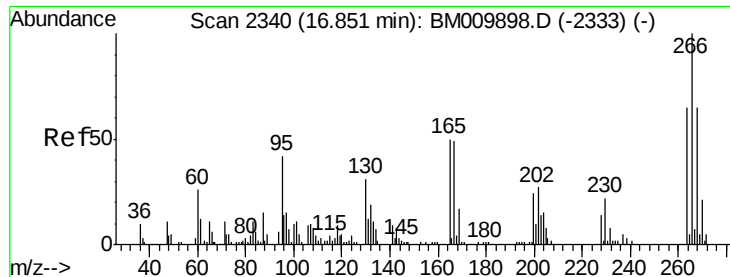
Tgt Ion: 284 Resp: 361744
Ion Ratio Lower Upper
284 100
142 37.5 20.4 30.6#
249 28.8 23.8 35.6



#68
Atrazine
Concen: 42.60 ng
RT: 16.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM009898.D
Acq: 05 May 2017 12:20

Tgt Ion: 200 Resp: 332980
Ion Ratio Lower Upper
200 100
173 24.2 4.8 44.8
215 46.0 26.9 66.9





#69

Pentachlorophenol

Concen: 25.47 ng

RT: 16.85 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

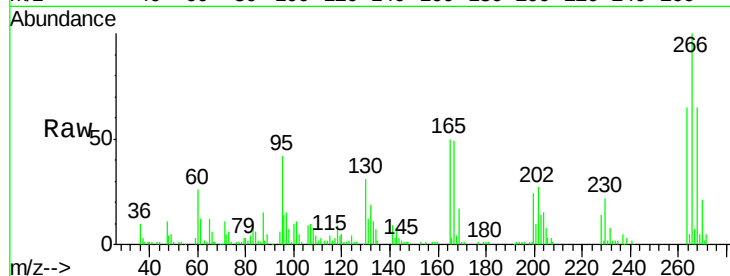
Tgt Ion:266 Resp: 135212

Ion Ratio Lower Upper

266 100

268 65.2 52.0 78.0

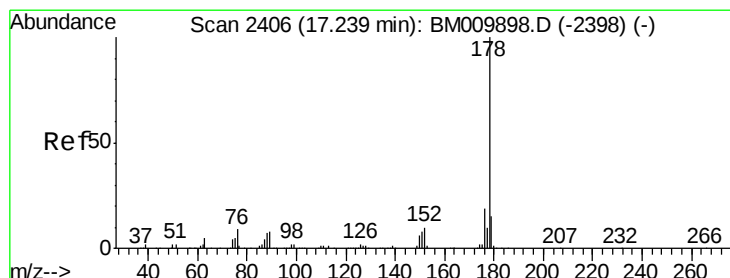
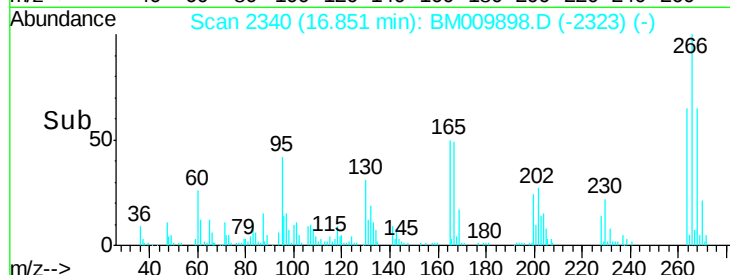
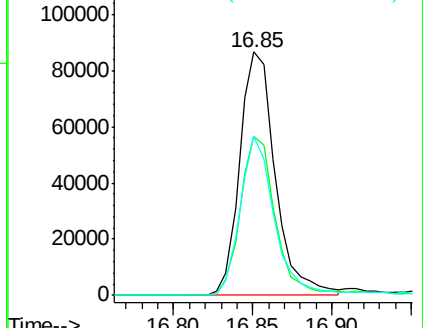
264 65.4 49.0 73.4



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



#70

Phenanthrene

Concen: 40.32 ng

RT: 17.24 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

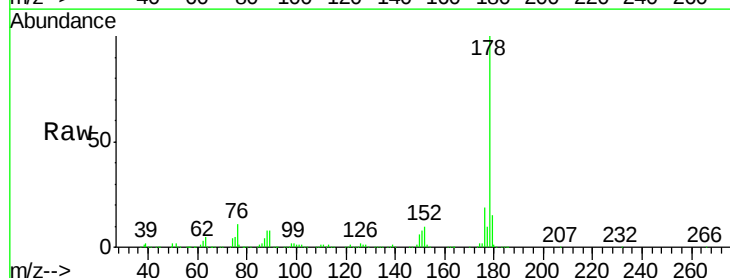
Tgt Ion:178 Resp: 1577755

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

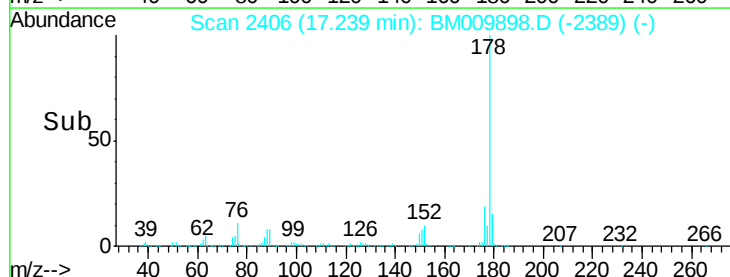
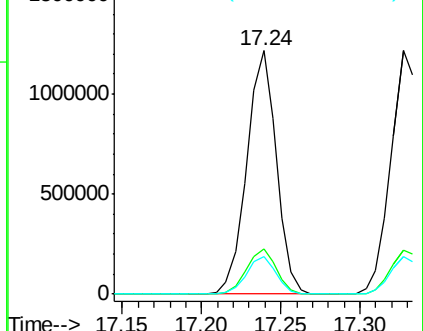
179 15.2 12.1 18.1

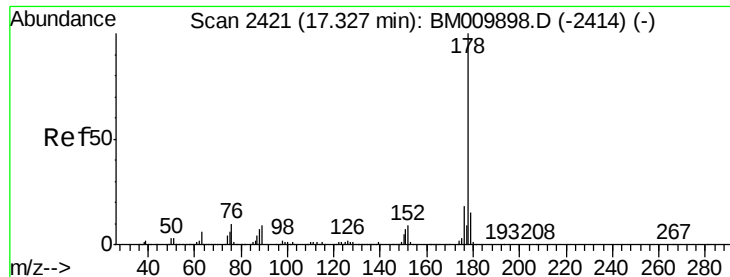


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

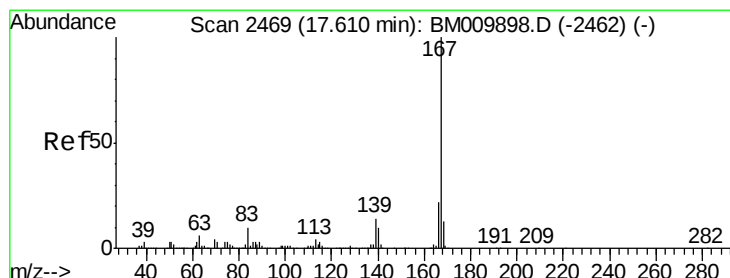
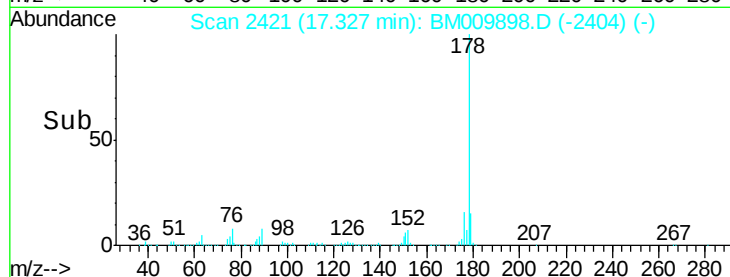
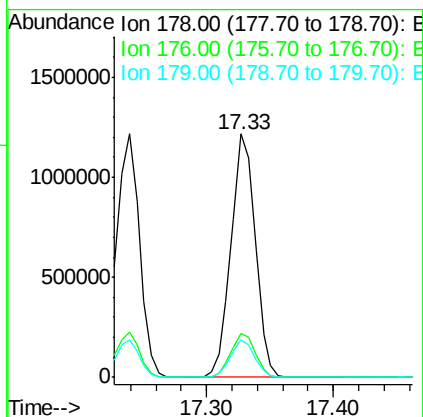
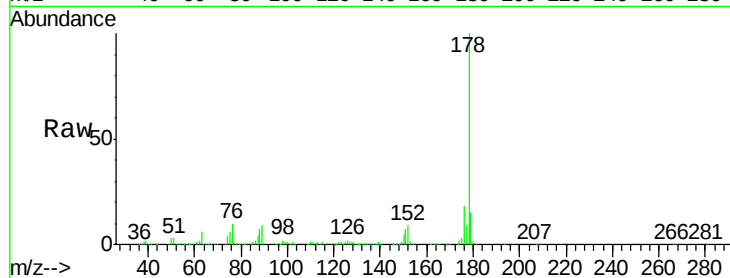




#71
 Anthracene
 Concen: 40.45 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

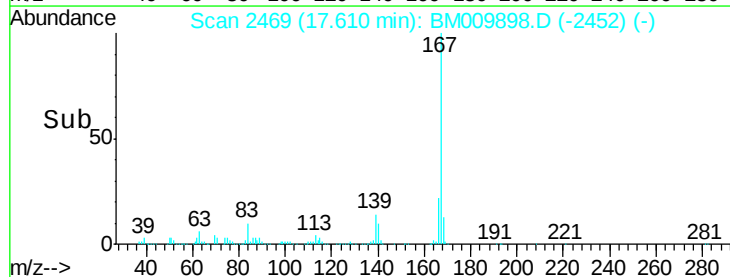
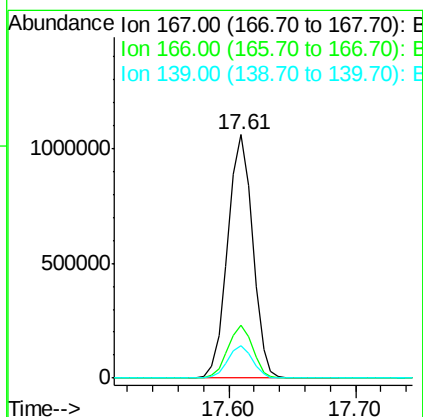
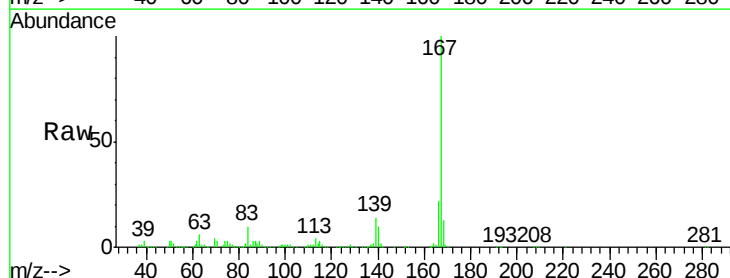
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

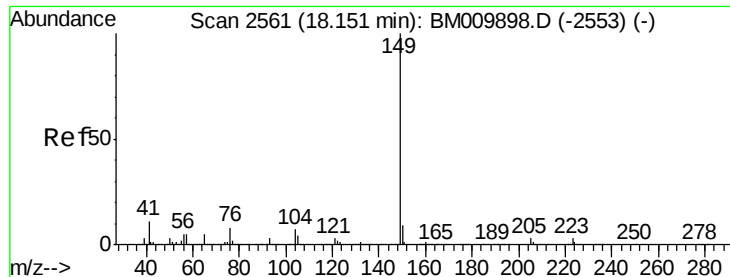
Tgt Ion:178 Resp: 1602572
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 22.0
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 37.98 ng
 RT: 17.61 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:167 Resp: 1441000
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 53.42 ng

RT: 18.15 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

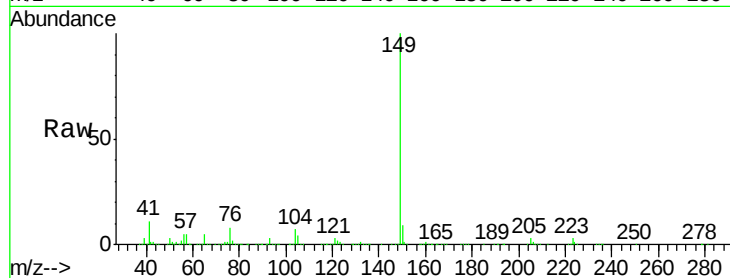
Tgt Ion:149 Resp: 2069979

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

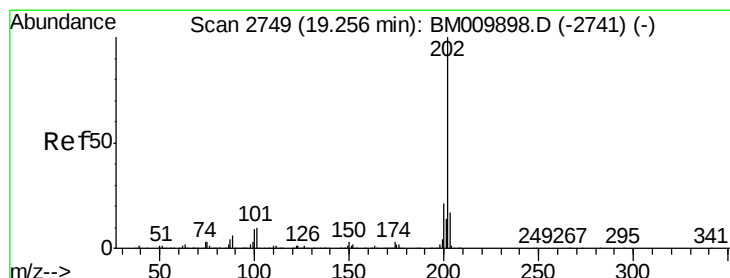
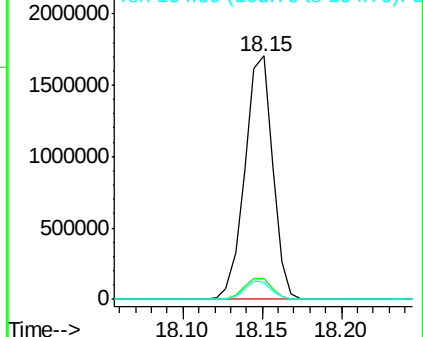
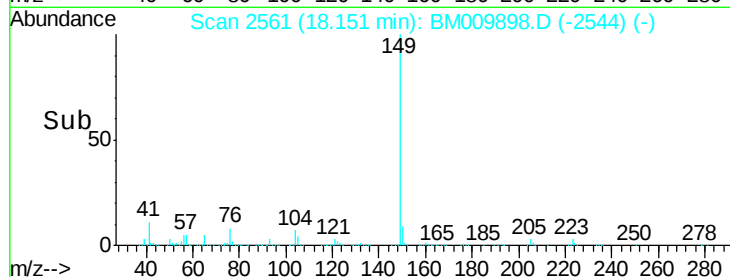
104 7.2 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.70 ng

RT: 19.26 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

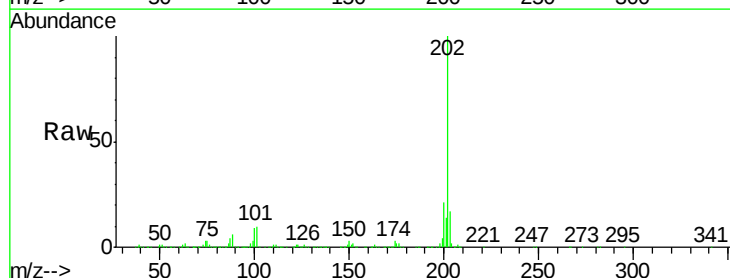
Tgt Ion:202 Resp: 1979039

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.7

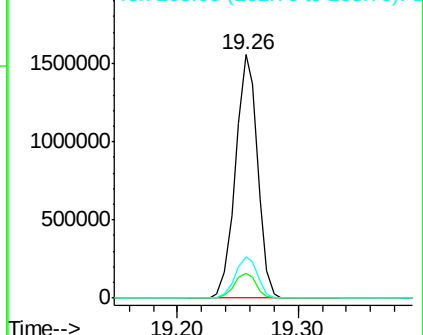
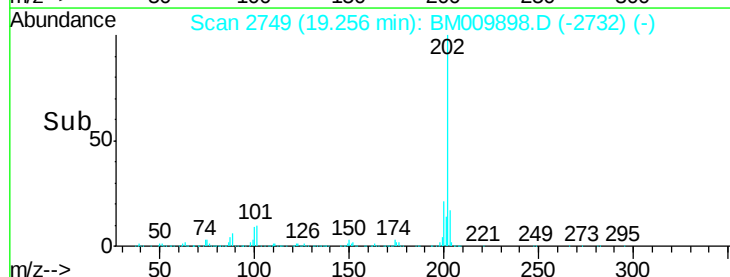
203 17.2 0.0 37.2

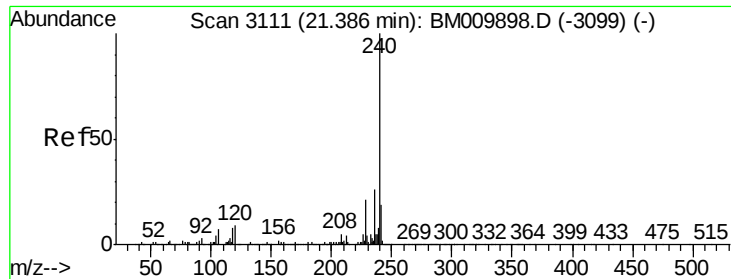


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

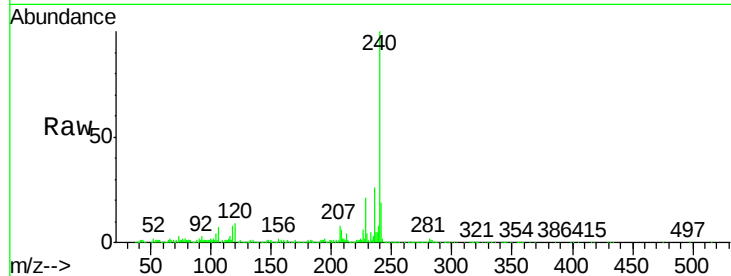
Tgt Ion:240 Resp: 863707

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.2	12.2
236	25.9	20.0	30.0

240 100

120 8.8 8.2 12.2

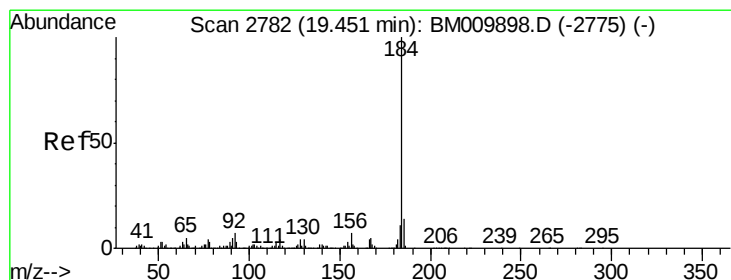
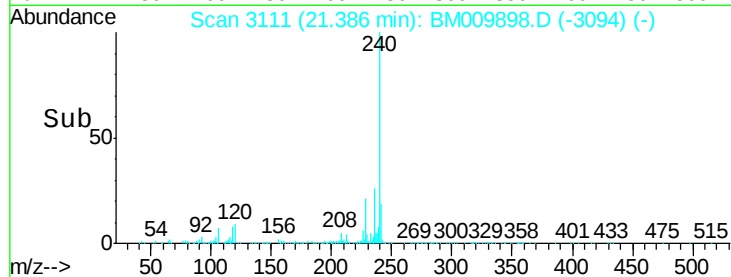
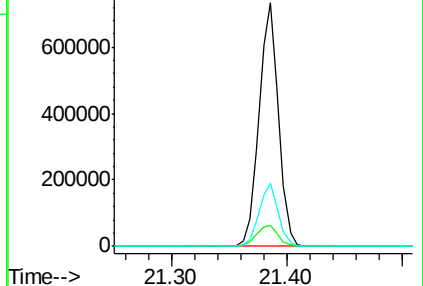
236 25.9 20.0 30.0



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



#76

Benzidine

Concen: 42.18 ng

RT: 19.45 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

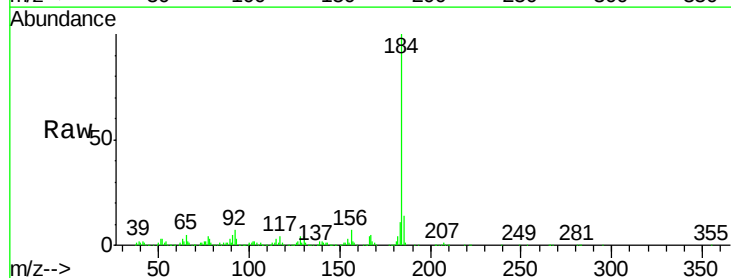
Tgt Ion:184 Resp: 1085823

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	11.4	8.9	13.3

184 100

185 14.0 11.3 16.9

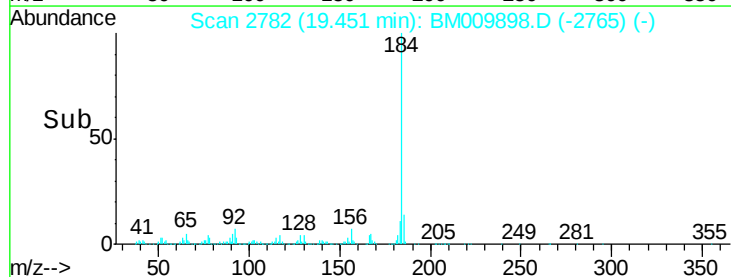
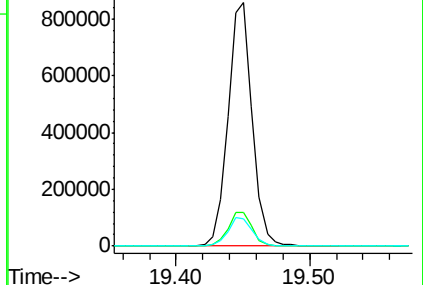
183 11.4 8.9 13.3

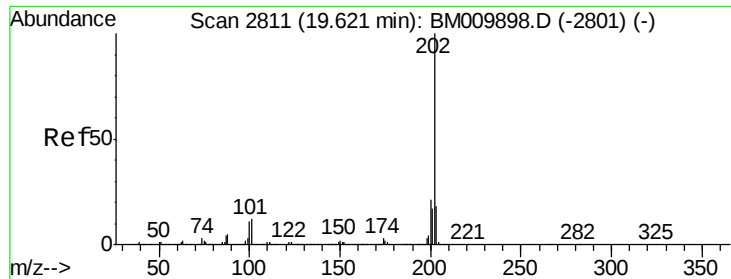


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

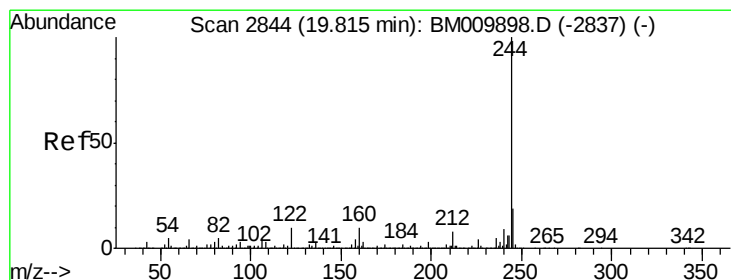
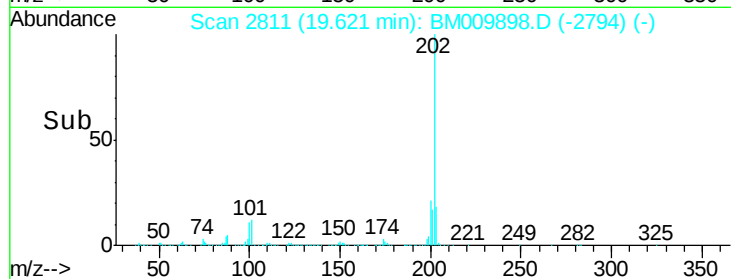
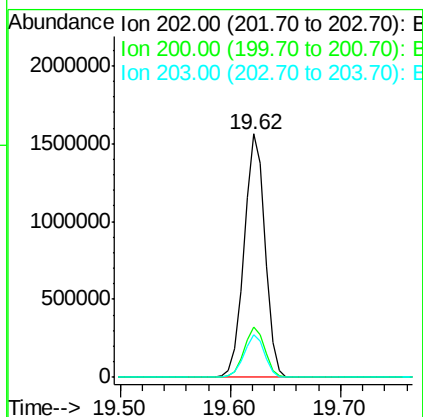
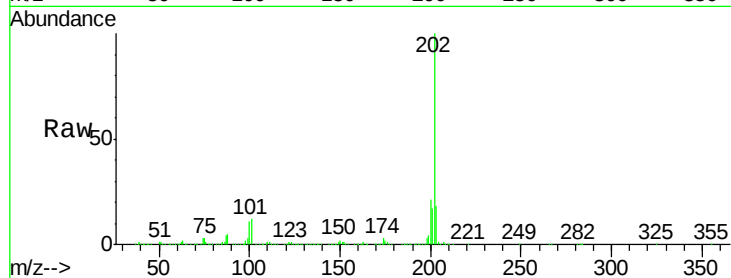




#77
 Pyrene
 Concen: 42.30 ng
 RT: 19.62 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

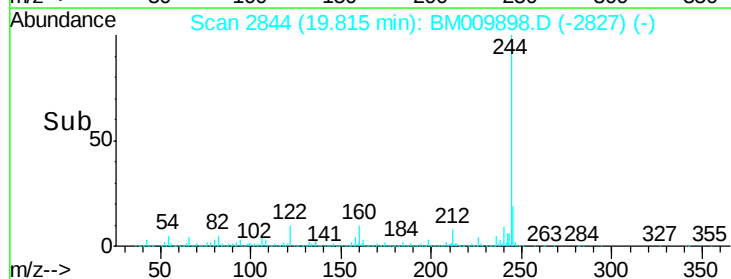
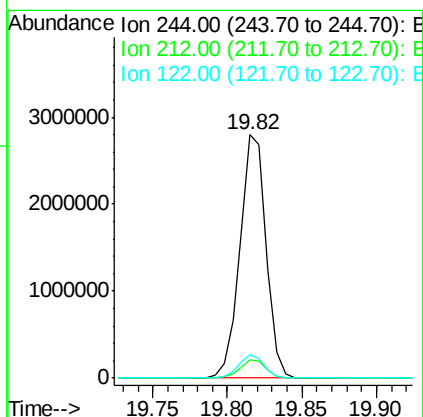
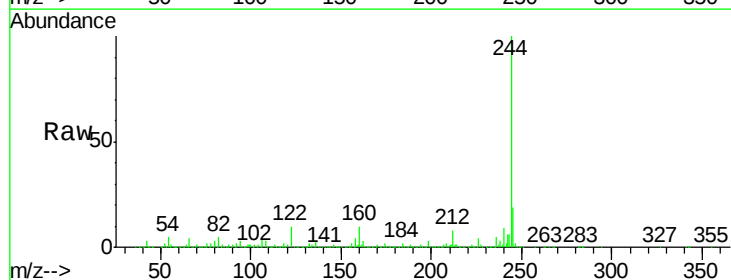
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

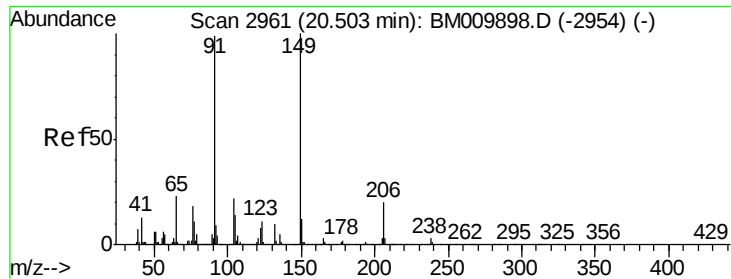
Tgt Ion:202 Resp: 2072208
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.9 25.3
 203 17.7 14.1 21.1



#78
 Terphenyl-d14
 Concen: 81.88 ng
 RT: 19.82 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:244 Resp: 3384501
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 9.7 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 55.64 ng

RT: 20.50 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

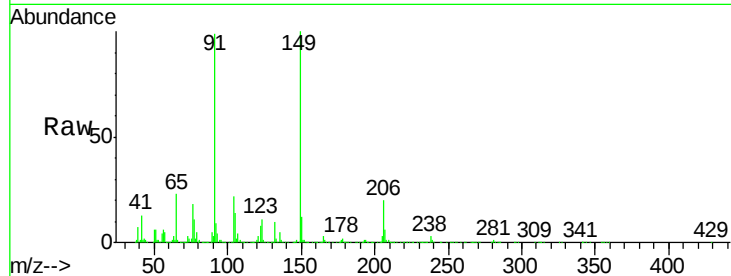
Tgt Ion:149 Resp: 981411

Ion Ratio Lower Upper

149 100

91 99.2 50.1 75.1#

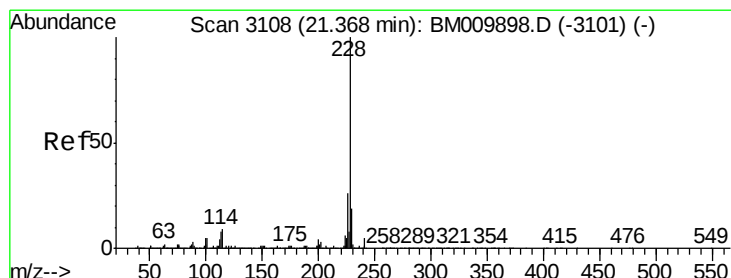
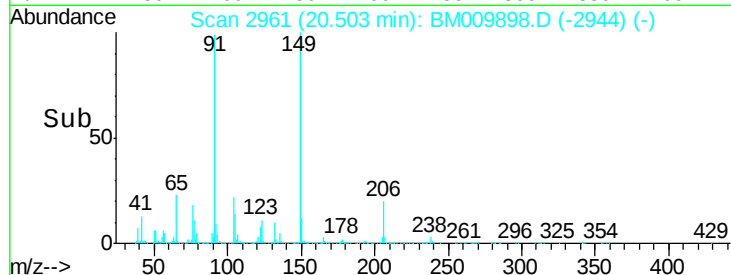
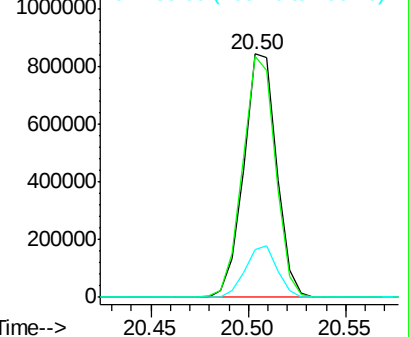
206 19.9 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.15 ng

RT: 21.37 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

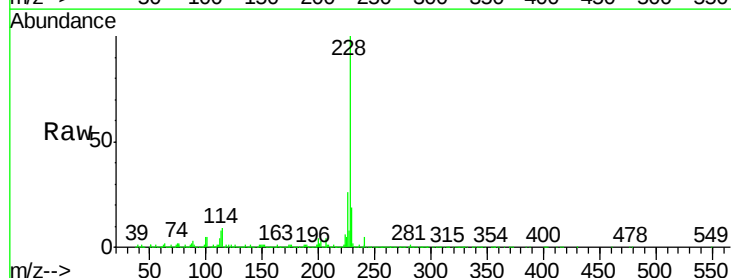
Tgt Ion:228 Resp: 2075951

Ion Ratio Lower Upper

228 100

226 26.3 21.7 32.5

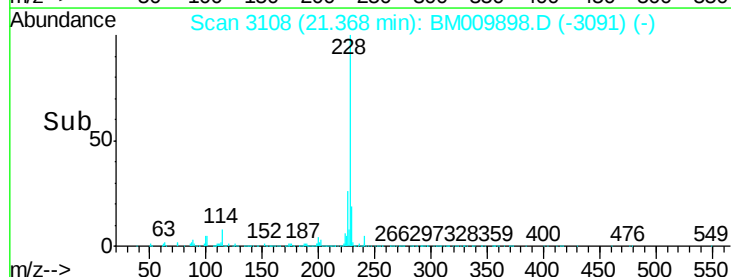
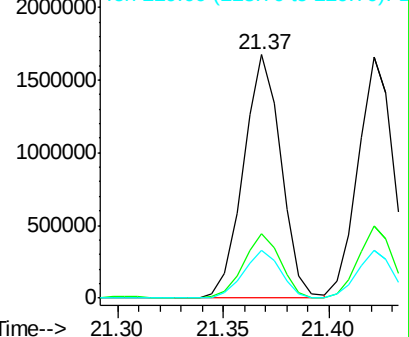
229 19.5 16.0 24.0

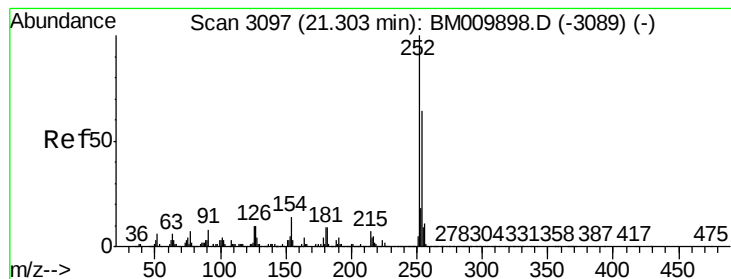


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 43.38 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

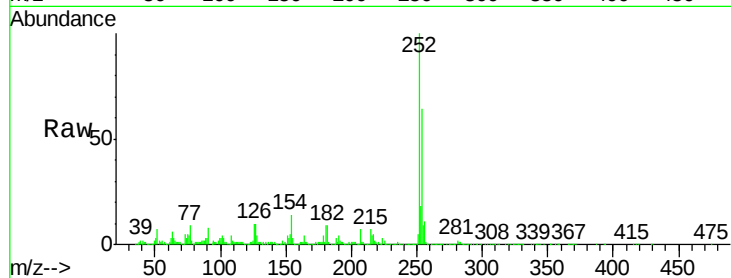
Tgt Ion:252 Resp: 819421

Ion Ratio Lower Upper

252 100

254 63.7 51.9 77.9

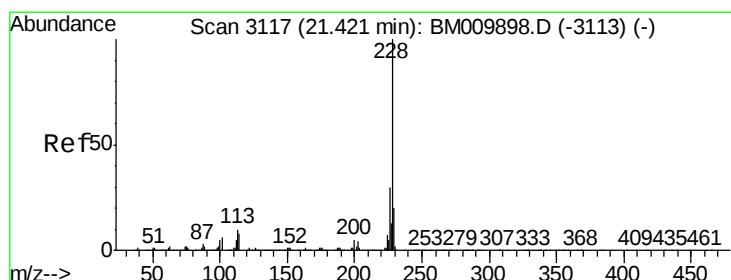
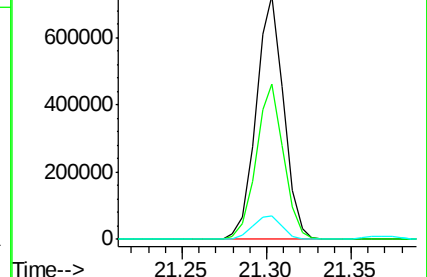
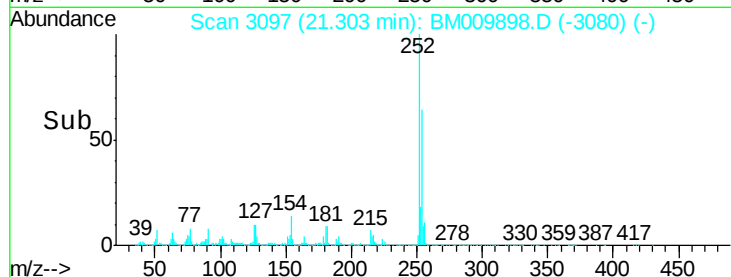
126 9.6 9.8 14.8#



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



#82

Chrysene

Concen: 40.08 ng

RT: 21.42 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

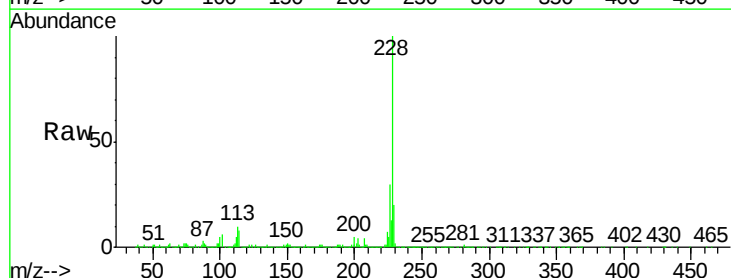
Tgt Ion:228 Resp: 1930506

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

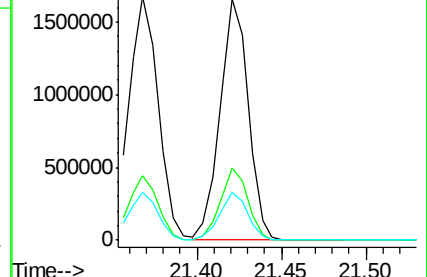
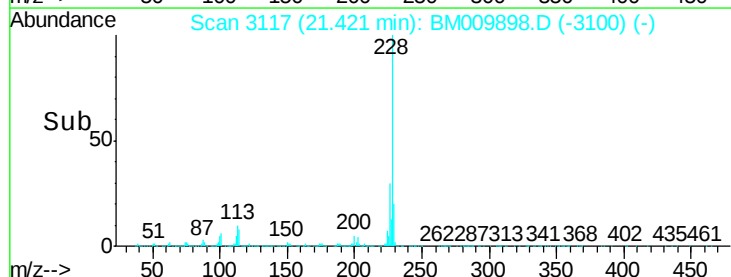
229 19.8 15.5 23.3

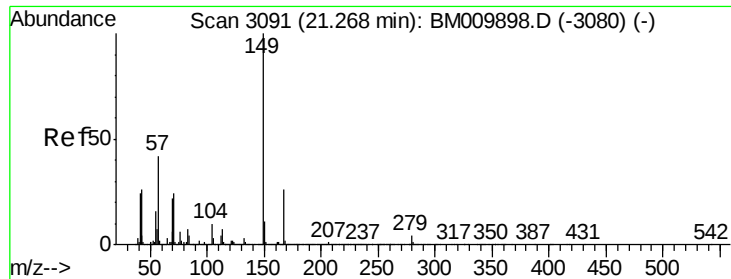


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

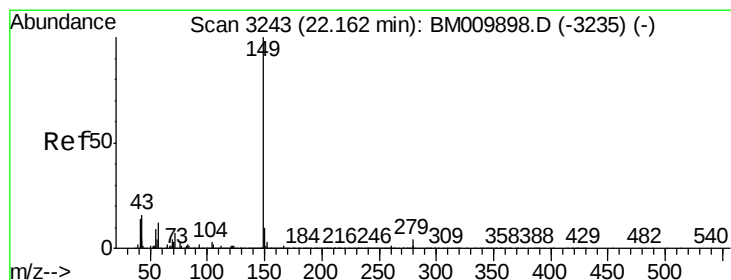
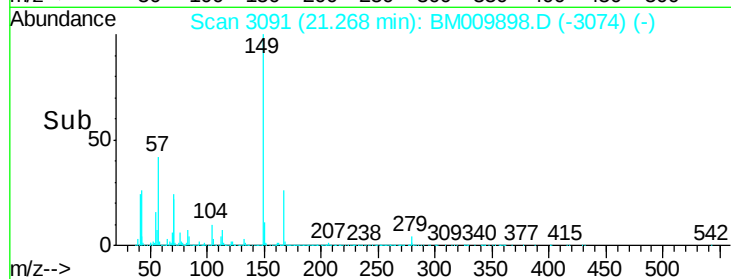
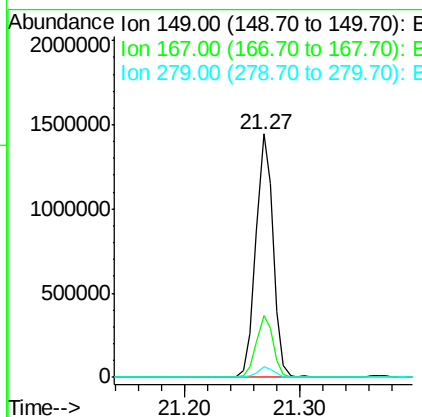
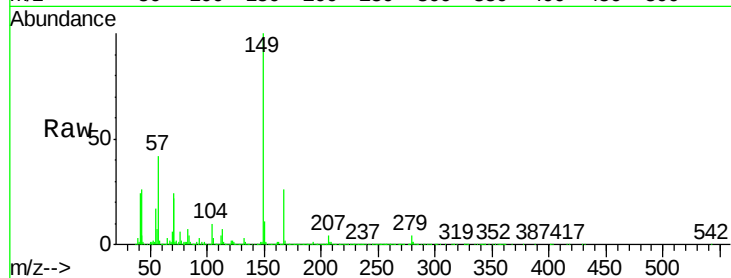




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.09 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

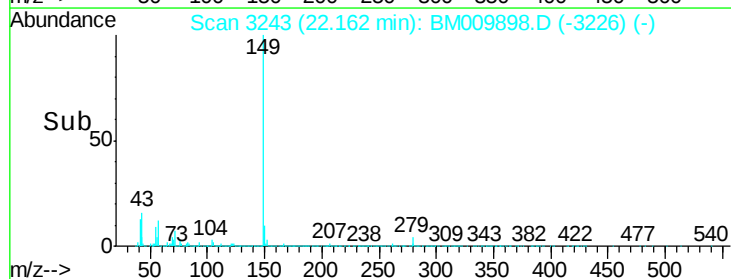
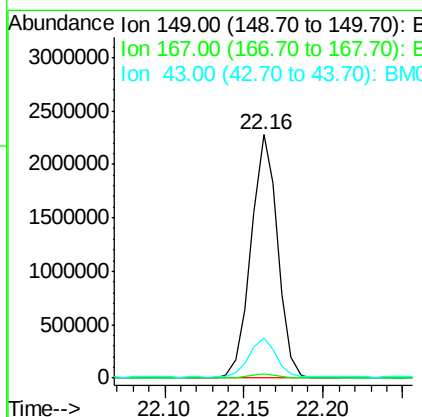
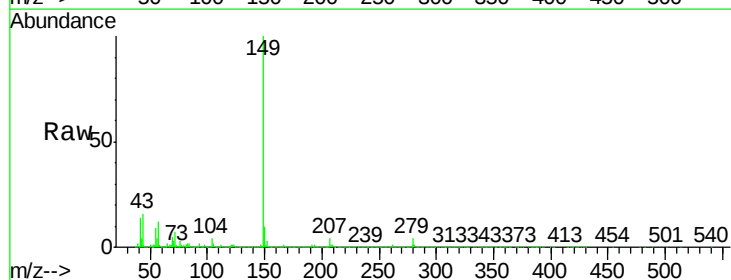
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

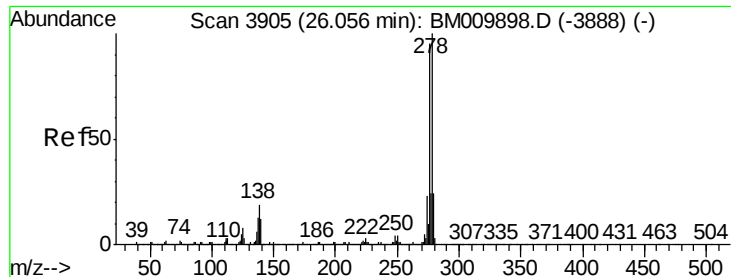
Tgt Ion:149 Resp: 1502735
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 4.1 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 60.17 ng
 RT: 22.16 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BM009898.D
 Acq: 05 May 2017 12:20

Tgt Ion:149 Resp: 2635986
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.6 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.25 ng

RT: 26.06 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

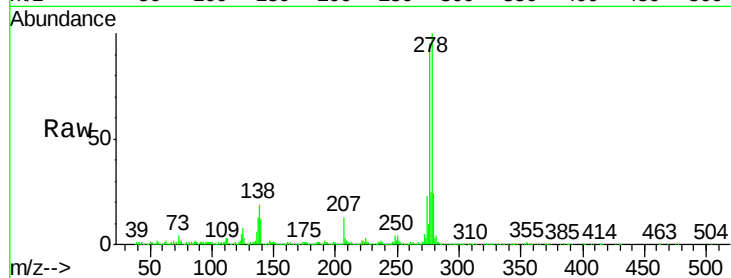
Tgt Ion:276 Resp: 2324648

Ion Ratio Lower Upper

276 100

138 20.0 0.0 0.0#

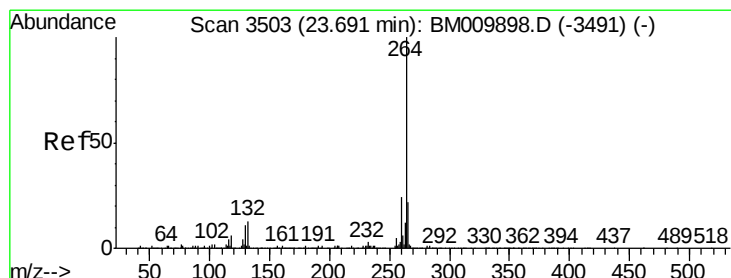
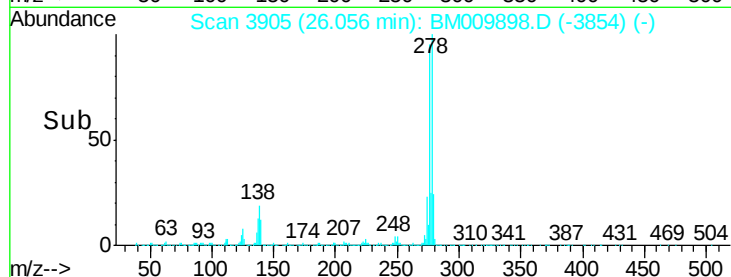
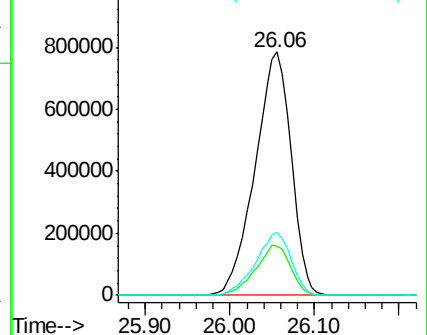
277 25.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.69 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

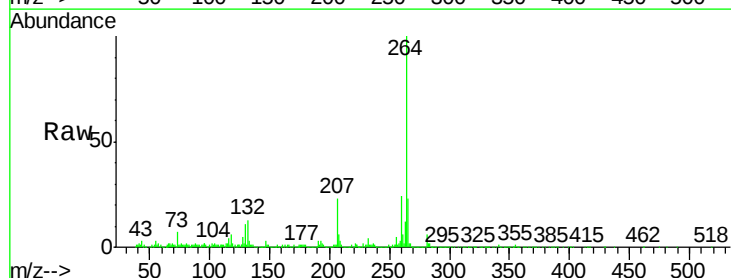
Tgt Ion:264 Resp: 830168

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

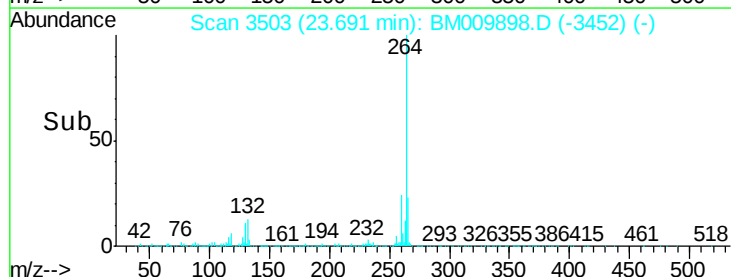
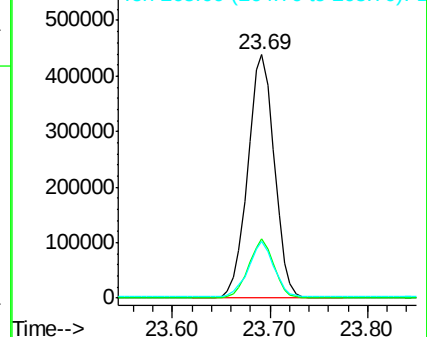
265 23.2 17.3 25.9

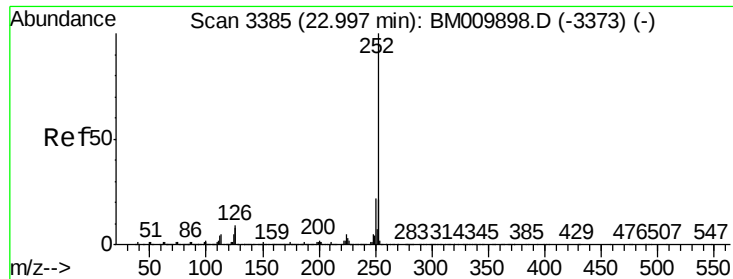


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.19 ng

RT: 23.00 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

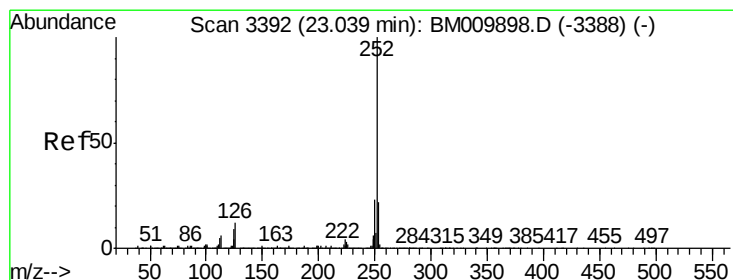
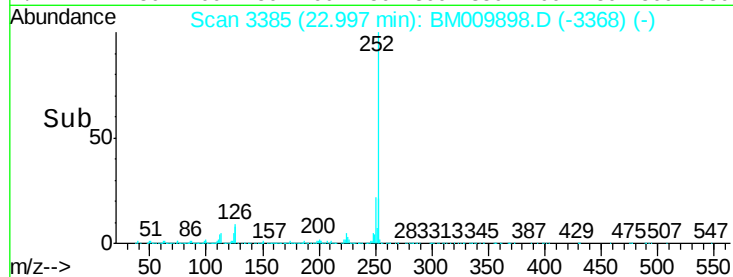
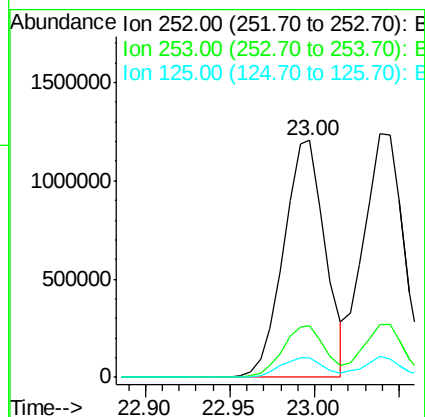
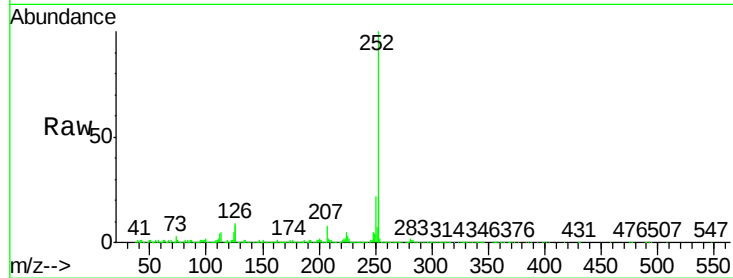
Tgt Ion:252 Resp: 2062443

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 8.4 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 40.25 ng

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

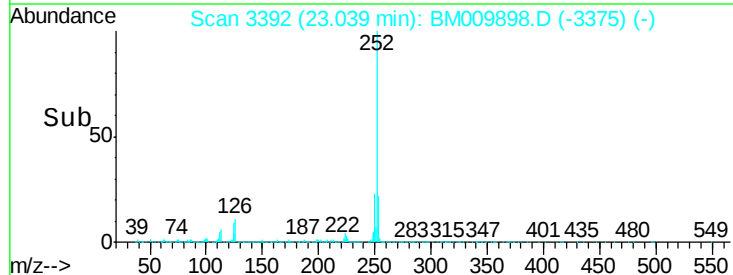
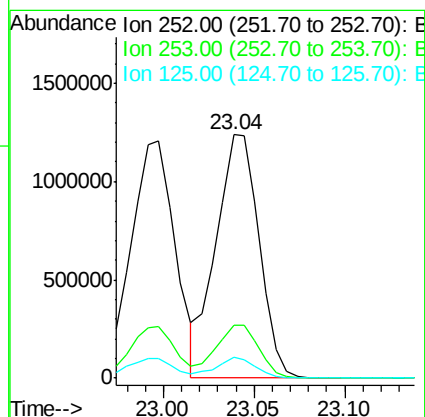
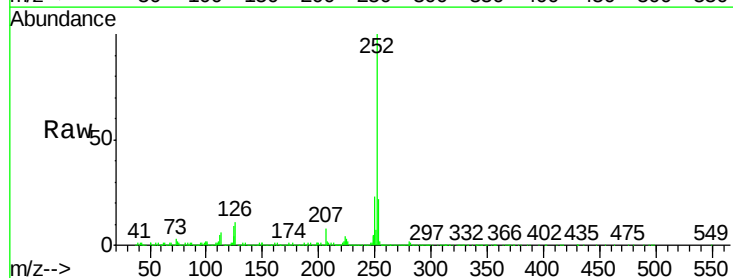
Tgt Ion:252 Resp: 2036881

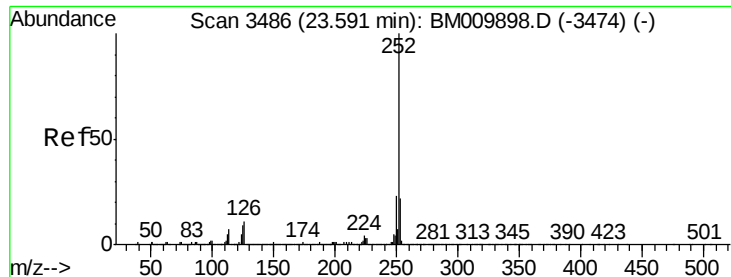
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.8 8.1 12.1





#89

Benzo(a)pyrene

Concen: 40.72 ng

RT: 23.59 min Scan# 3486

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

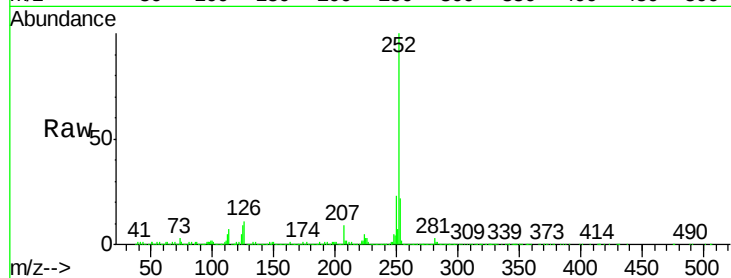
Tgt Ion:252 Resp: 1984417

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

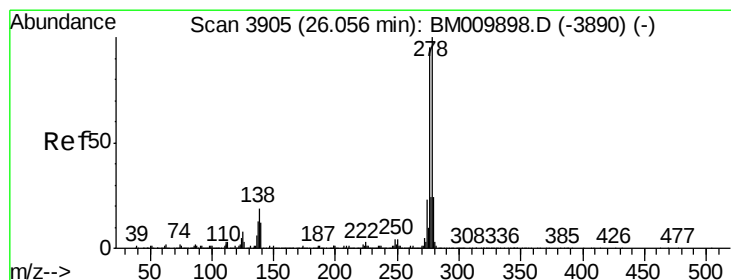
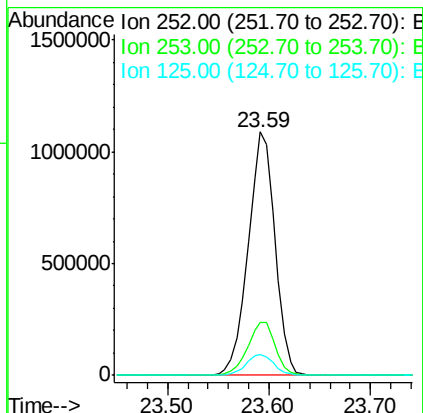
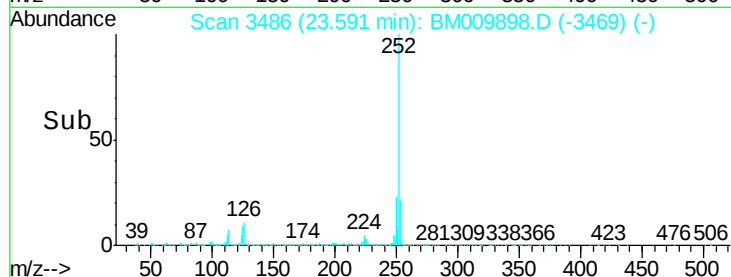
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.64 ng

RT: 26.06 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

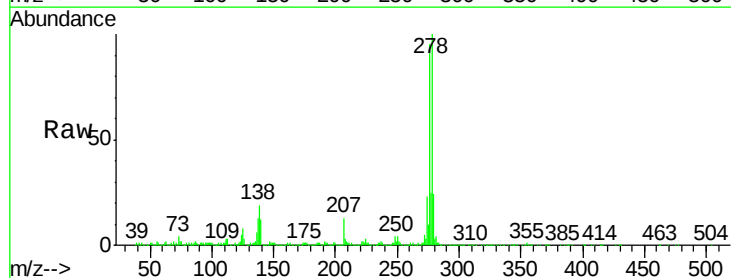
Tgt Ion:278 Resp: 2083200

Ion Ratio Lower Upper

278 100

139 12.4 13.4 20.0#

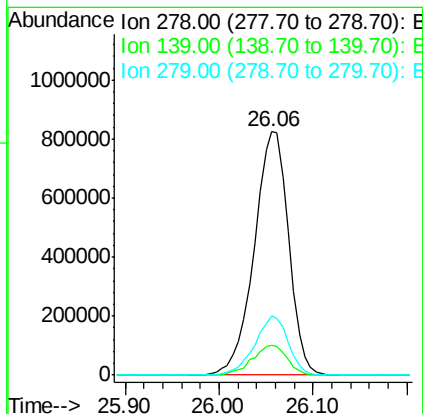
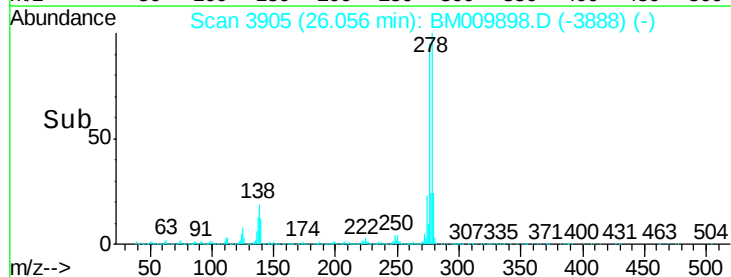
279 24.2 19.0 28.4

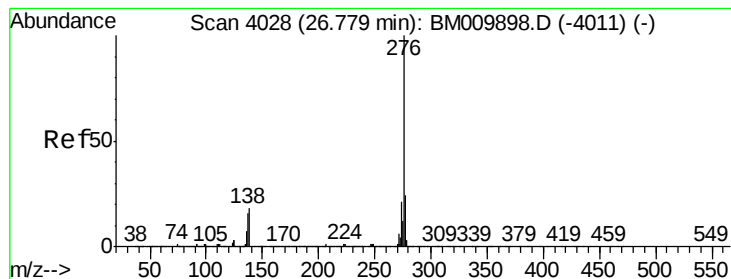


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.47 ng

RT: 26.78 min Scan# 4028

Delta R.T. 0.00 min

Lab File: BM009898.D

Acq: 05 May 2017 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 1929902

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 18.1 19.0 28.6#

