

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011770.D
 Acq On : 29 Sep 2017 16:59
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 29 23:46:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 23:43:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	220392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	984488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	547009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1172529	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	985616	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	769591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	38155	7.72	ng/uL	0.00
5) Phenol-d5	7.09	99	405910	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	309529	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	326094	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	319544	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	157765	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	172754	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	316608	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	390513	22.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	904041	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1139223	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	141598	17.66	ng/ul	0.00
57) Fluorene-d10	15.56	176	782713	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	129817	16.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1163305	19.50	ng/ul	0.00
76) Pyrene-d10	19.70	212	1208950	25.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	736800	20.00	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.39	88	42865	7.791	ng/uL	93
4) Benzaldehyde	7.08	77	253165	23.816	ng/ul	97
6) Phenol	7.12	94	406734	18.553	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.35	93	323486	19.193	ng/ul#	74
10) 2-Chlorophenol	7.50	128	313026	19.893	ng/ul#	85
11) 2-Methylphenol	8.37	108	299367	18.595	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.46	45	743401	20.592	ng/ul#	96
14) Acetophenone	8.76	105	520615	19.082	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.74	70	303215	19.690	ng/ul	97
16) 4-Methylphenol	8.70	108	333333	18.835	ng/ul	94
17) Hexachloroethane	9.02	117	144263	20.791	ng/ul#	68
20) Nitrobenzene	9.14	77	439466	20.792	ng/ul	97
21) Isophorone	9.66	82	776368	19.582	ng/ul#	97
23) 2-Nitrophenol	9.85	139	169967	19.931	ng/ul#	83
24) 2,4-Dimethylphenol	9.90	107	392269	20.206	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.15	93	447651	19.500	ng/ul	95
27) 2,4-Dichlorophenol	10.38	162	301038	20.249	ng/ul#	90
28) Naphthalene	10.79	128	1010597	19.640	ng/ul	99
30) 4-Chloroaniline	10.90	127	375750	22.480	ng/ul	93
31) Hexachlorobutadiene	11.07	225	214438	20.489	ng/ul	93
32) Caprolactam	11.67	113	83765	17.390	ng/ul	90
33) 4-Chloro-3-methylphenol	12.02	107	332025	19.727	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	709301	19.445	ng/ul	97

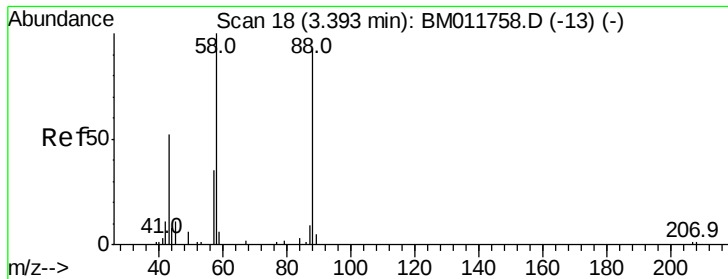
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	384219	20.778	ng/ul#	94
37) Hexachlorocyclopentadiene	12.74	237	184873	15.555	ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	246423	20.752	ng/ul	97
39) 2,4,5-Trichlorophenol	13.07	196	249494	20.295	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	896233	19.893	ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	702018	20.335	ng/ul	97
42) 2-Nitroaniline	13.65	65	271372	21.376	ng/ul#	79
44) Dimethylphthalate	14.02	163	860788	19.183	ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	166197	20.113	ng/ul#	87
47) Acenaphthylene	14.29	152	1123590	19.742	ng/ul	100
48) 3-Nitroaniline	14.47	138	159401	18.863	ng/ul#	97
49) Acenaphthene	14.63	153	761585	19.648	ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	80717	14.881	ng/ul#	63
52) 4-Nitrophenol	14.77	109	147435	18.797	ng/ul	96
53) Dibenzofuran	14.97	168	1038604	19.509	ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	231395	19.625	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.19	232	223509	19.710	ng/ul#	80
56) Diethylphthalate	15.38	149	896052	18.990	ng/ul	93
58) Fluorene	15.62	166	874041	19.389	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.60	204	449041	19.810	ng/ul	95
60) 4-Nitroaniline	15.63	138	175683	18.946	ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.69	198	132503	16.430	ng/ul	92
64) N-Nitrosodiphenylamine	15.82	169	699097	20.171	ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	258953	20.079	ng/ul#	91
66) Hexachlorobenzene	16.62	284	288469	20.130	ng/ul#	84
67) Atrazine	16.76	200	259577	19.317	ng/ul	96
68) Pentachlorophenol	16.96	266	167896	17.797	ng/ul	99
69) Phenanthrene	17.36	178	1270697	19.363	ng/ul	98
71) Anthracene	17.45	178	1330195	19.673	ng/ul	98
72) Carbazole	17.72	167	1072954	18.114	ng/ul	97
73) Di-n-butylphthalate	18.26	149	1499752	19.659	ng/ul	99
74) Fluoranthene	19.36	202	1404303	17.527	ng/ul#	90
77) Pyrene	19.73	202	1503139	25.592	ng/ul#	90
78) Butylbenzylphthalate	20.60	149	638903	26.025	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.39	252	305806	16.318	ng/ul#	92
80) Benzo(a)anthracene	21.46	228	1166777	21.160	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	924490	25.229	ng/ul#	94
82) Chrysene	21.52	228	1072659	20.625	ng/ul	98
84) Di-n-octyl phthalate	22.28	149	1455999	24.479	ng/ul#	81
85) Benzo(b)fluoranthene	23.12	252	920910	20.281	ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	907322	19.587	ng/ul#	96
88) Benzo(a)pyrene	23.73	252	871991	19.883	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	962701	21.083	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	806950	21.101	ng/ul#	94
91) Benzo(g,h,i)perylene	27.00	276	818697	21.601	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 7.791 ng/uL

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

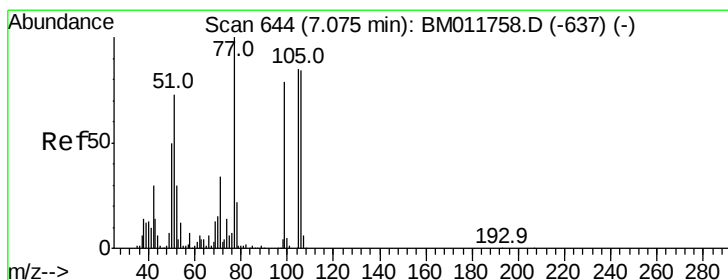
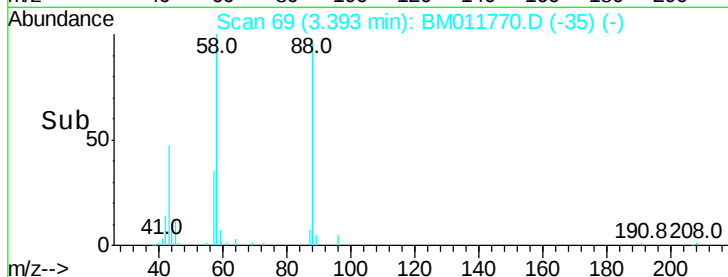
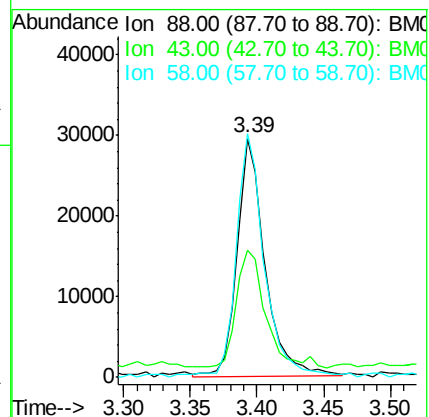
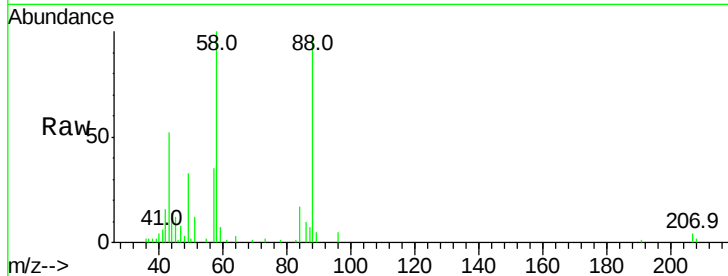
Tot Ion: 88 Resp: 42865

Ion Ratio Lower Upper

88 100

43 49.6 48.0 72.0

58 102.5 80.0 120.0



#4

Benzaldehyde

Concen: 23.816 ng/uL

RT: 7.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

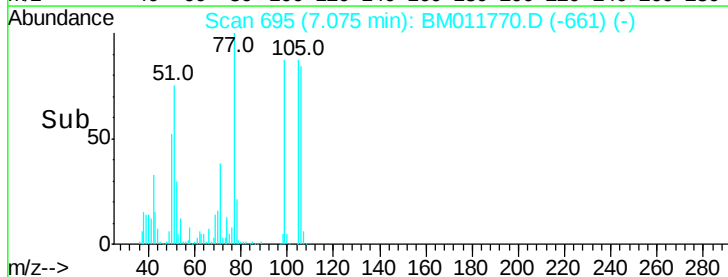
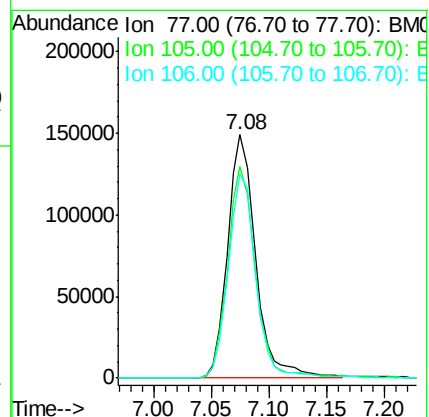
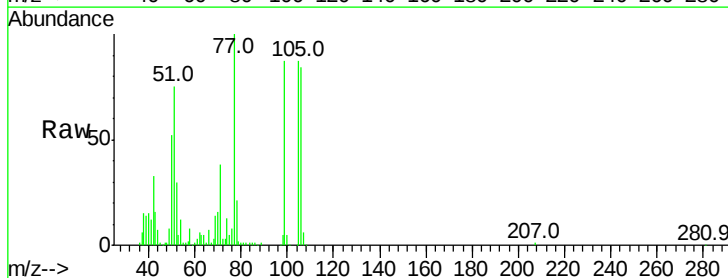
Tgt Ion: 77 Resp: 253165

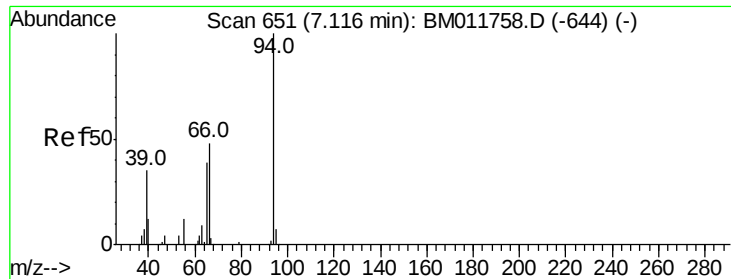
Ion Ratio Lower Upper

77 100

105 87.0 66.1 99.1

106 83.9 67.8 101.6





#6

Phenol

Concen: 18.553 ng/ul

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

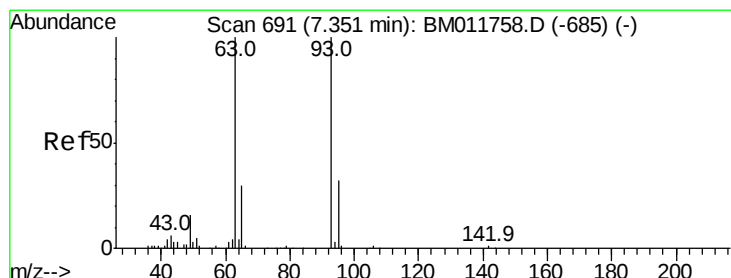
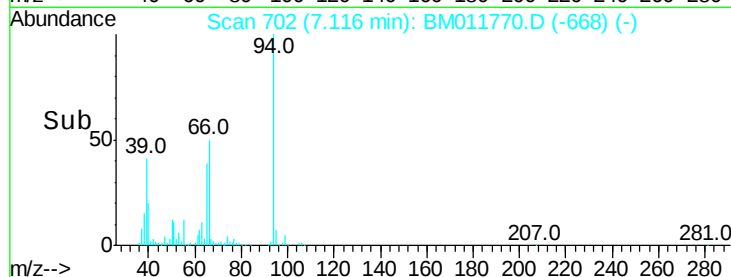
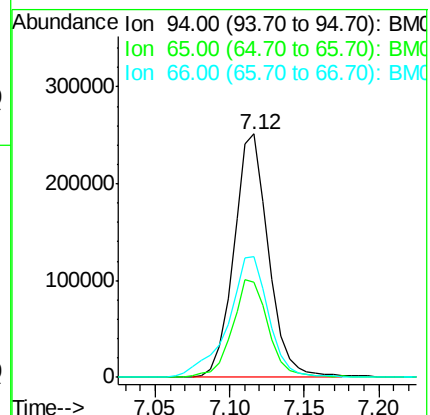
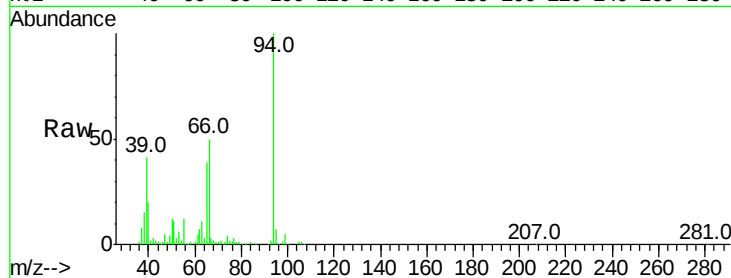
Tot Ion: 94 Resp: 406734

Ion Ratio Lower Upper

94 100

65 39.0 28.2 42.4

66 49.5 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 19.193 ng/ul

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

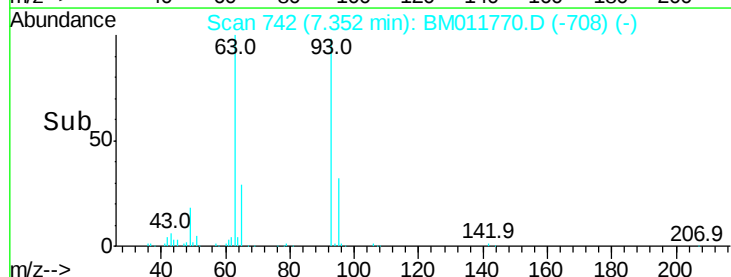
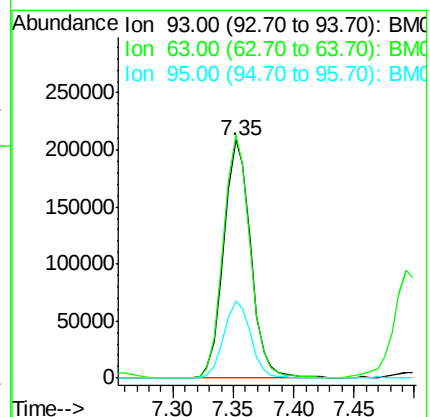
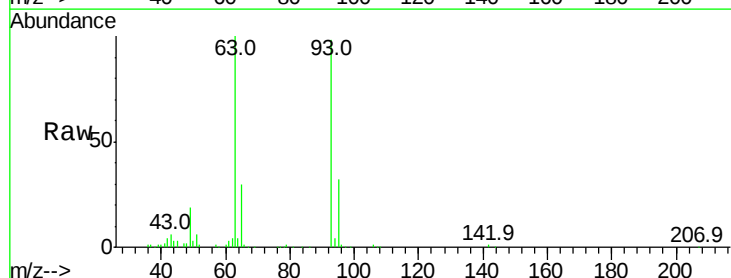
Tgt Ion: 93 Resp: 323486

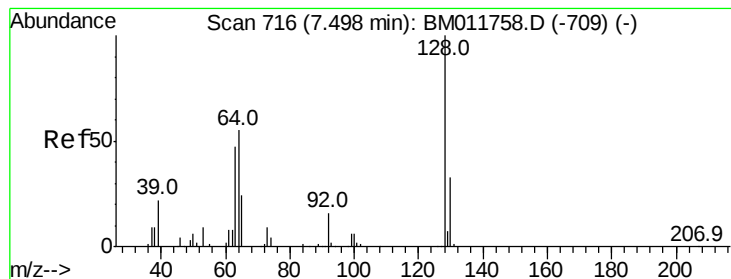
Ion Ratio Lower Upper

93 100

63 102.2 57.3 85.9#

95 32.4 26.6 39.8





#10

2-Chlorophenol

Concen: 19.893 ng/ul

RT: 7.50 min Scan# 767

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

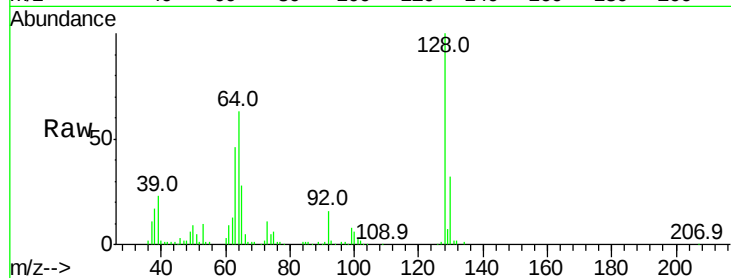
Tot Ion:128 Resp: 313026

Ion Ratio Lower Upper

128 100

64 62.9 38.0 57.0#

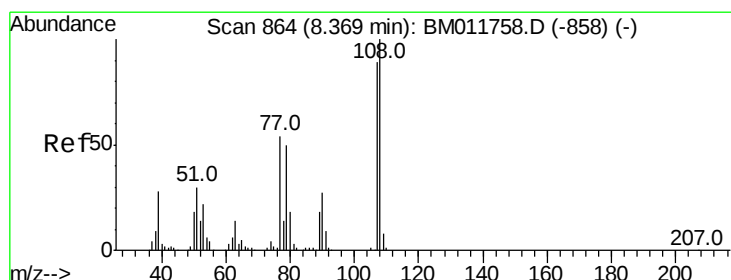
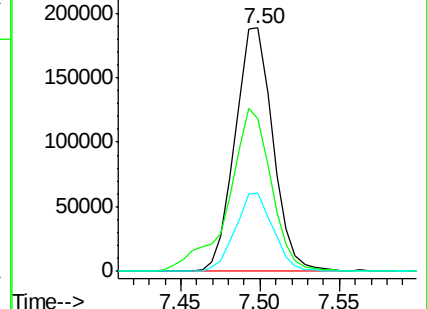
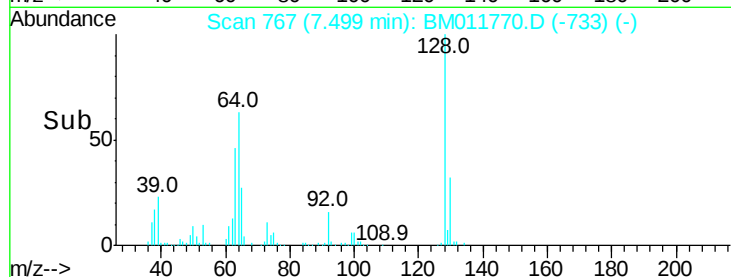
130 32.3 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.595 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM011770.D

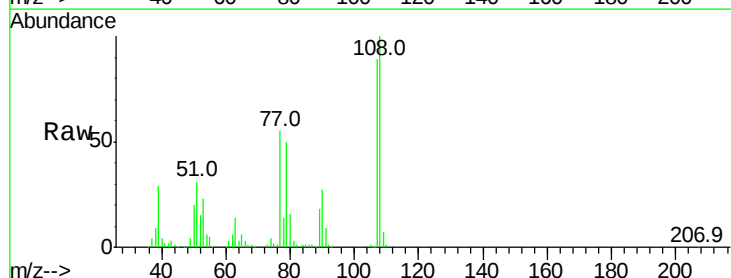
Acq: 29 Sep 2017 16:59

Tgt Ion:108 Resp: 299367

Ion Ratio Lower Upper

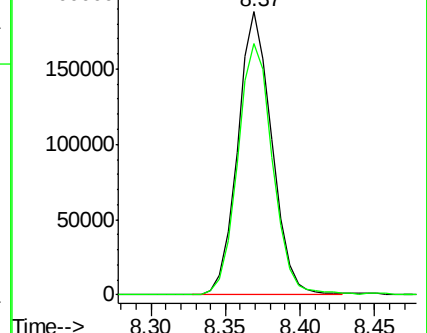
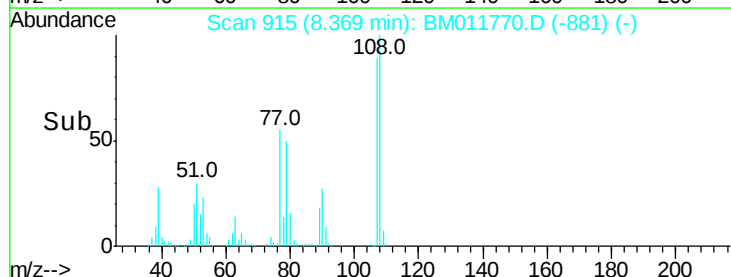
108 100

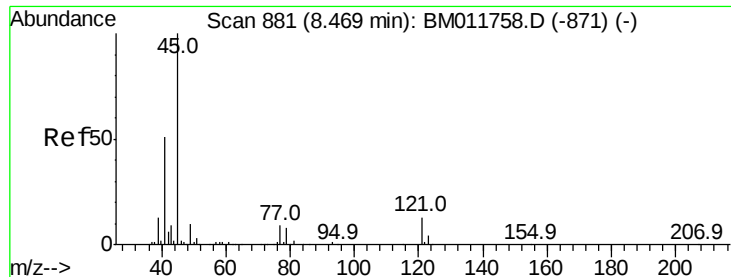
107 88.8 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

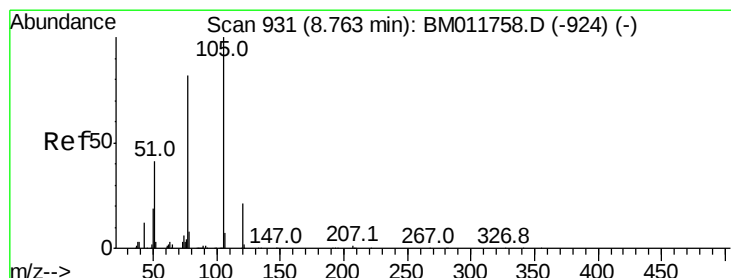
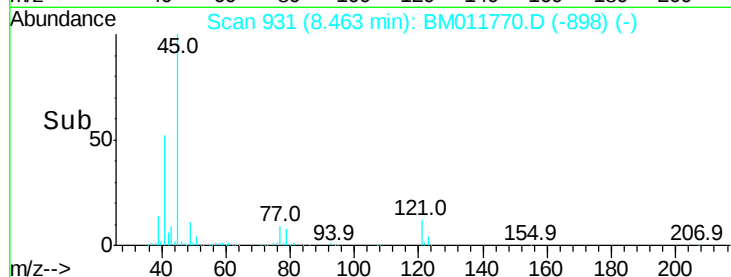
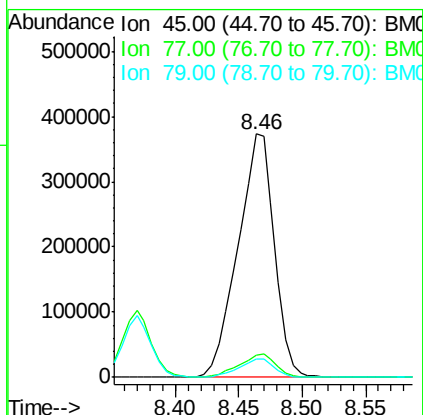
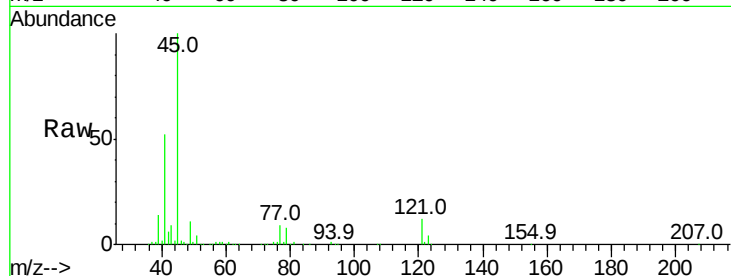




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.592 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

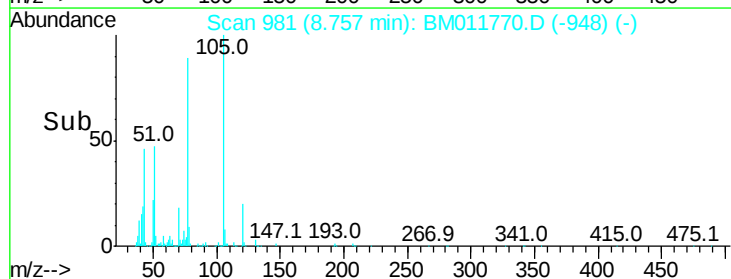
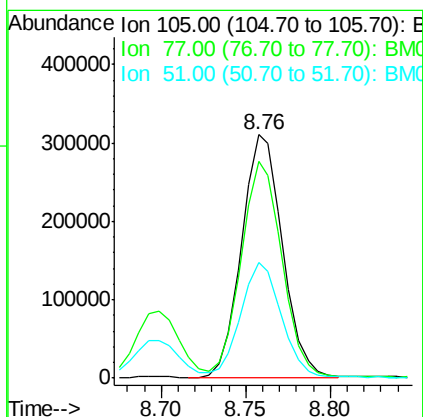
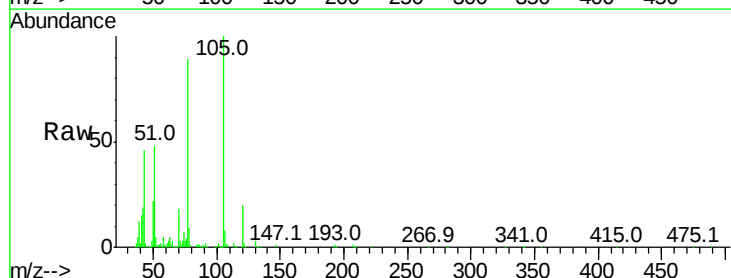
Instrument :
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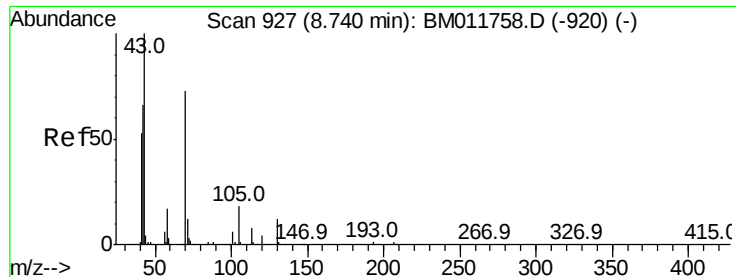
Tot Ion: 45 Resp: 743401
Ion Ratio Lower Upper
45 100
77 9.2 8.0 12.0
79 7.6 8.0 12.0#



#14
Acetophenone
Concen: 19.082 ng/ul
RT: 8.76 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion:105 Resp: 520615
Ion Ratio Lower Upper
105 100
77 89.2 74.2 111.4
51 47.6 23.4 35.2#





#15

N-Nitroso-di-n-propylamine

Concen: 19.690 ng/ul

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 303215

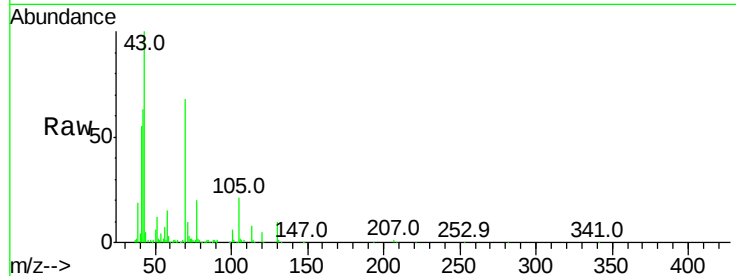
Ion Ratio Lower Upper

70 100

42 92.4 76.0 114.0

101 8.9 6.7 10.1

130 15.3 14.6 22.0

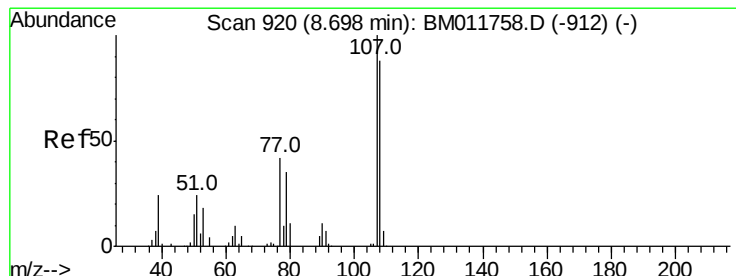
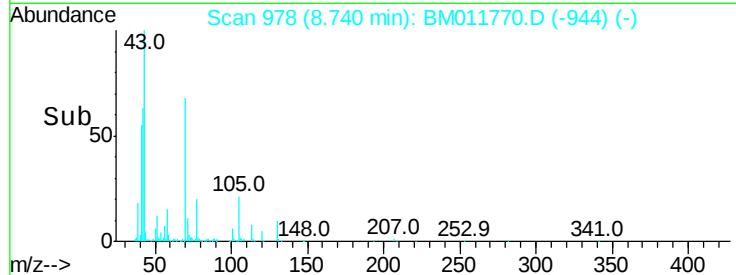
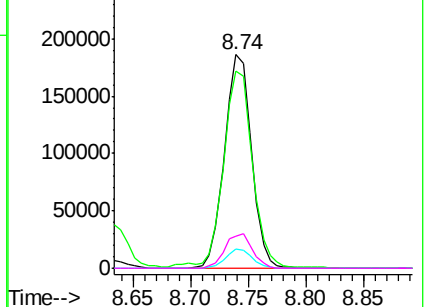


Abundance Ion 70.00 (69.70 to 70.70): BM011770.D (-944) (-)

Ion 42.00 (41.70 to 42.70): BM011770.D (-944) (-)

Ion 101.00 (100.70 to 101.70): BM011770.D (-944) (-)

Ion 130.00 (129.70 to 130.70): BM011770.D (-944) (-)



#16

4-Methylphenol

Concen: 18.835 ng/ul

RT: 8.70 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM011770.D

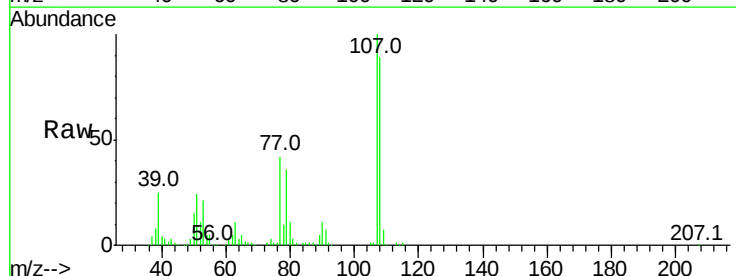
Acq: 29 Sep 2017 16:59

Tgt Ion: 108 Resp: 333333

Ion Ratio Lower Upper

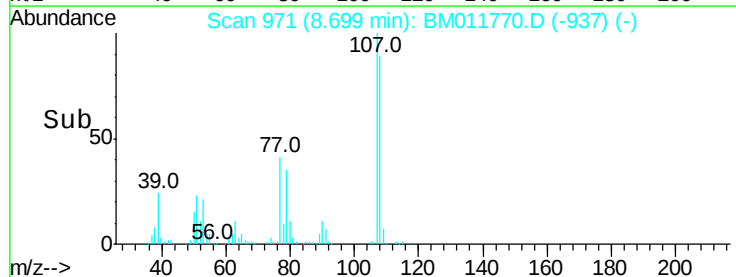
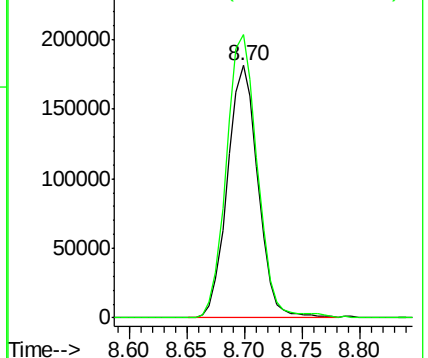
108 100

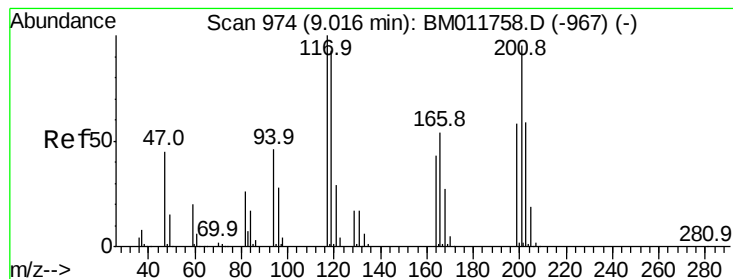
107 112.1 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM011770.D (-937) (-)

Ion 107.00 (106.70 to 107.70): BM011770.D (-937) (-)





#17

Hexachloroethane

Concen: 20.791 ng/ul

RT: 9.02 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampled :

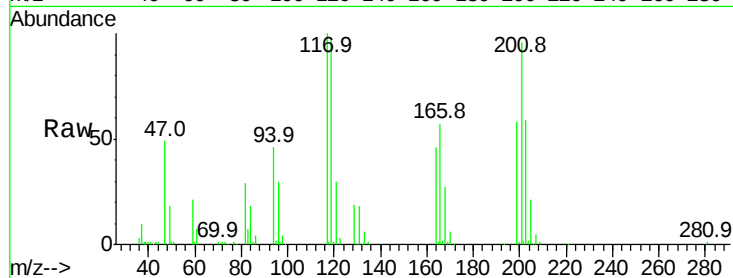
Tot Ion:117 Resp: 144263

Ion Ratio Lower Upper

117 100

201 98.6 111.6 167.4#

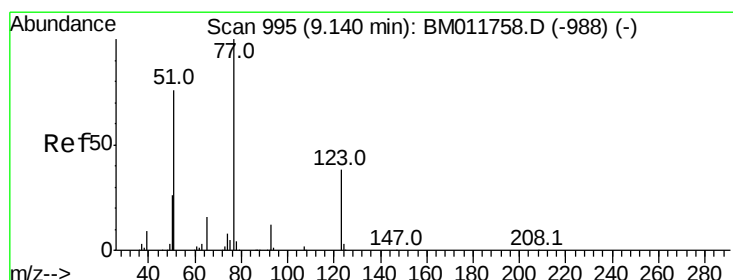
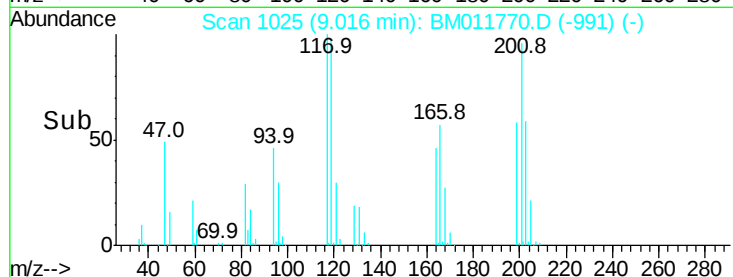
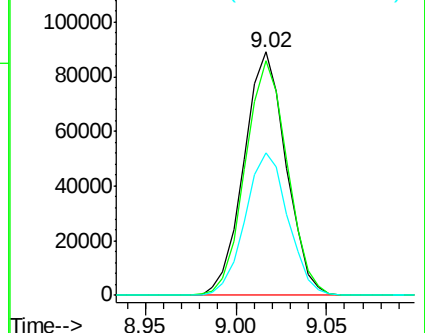
199 58.3 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.792 ng/ul

RT: 9.14 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

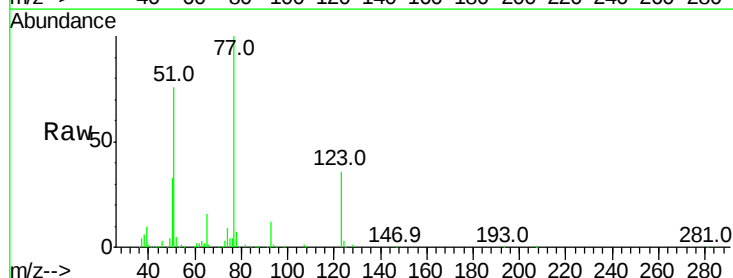
Tgt Ion: 77 Resp: 439466

Ion Ratio Lower Upper

77 100

123 36.4 31.0 46.6

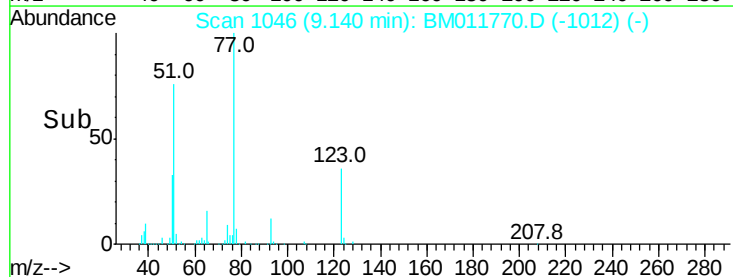
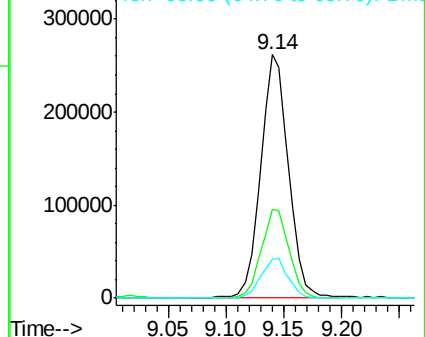
65 15.8 12.2 18.2

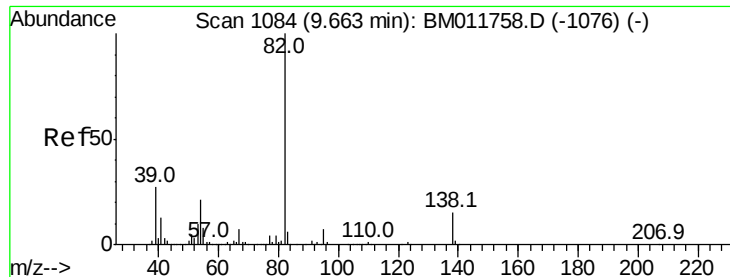


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.582 ng/ul

RT: 9.66 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

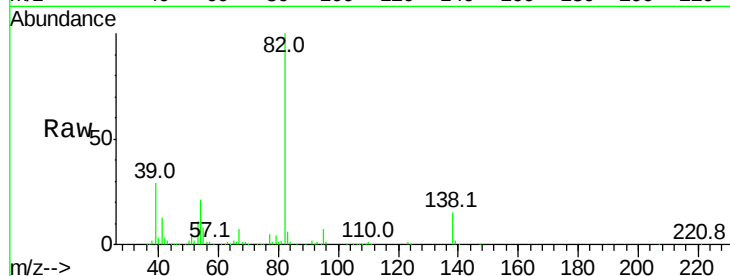
Tot Ion: 82 Resp: 776368

Ion Ratio Lower Upper

82 100

95 7.2 7.8 11.8#

138 14.7 11.9 17.9



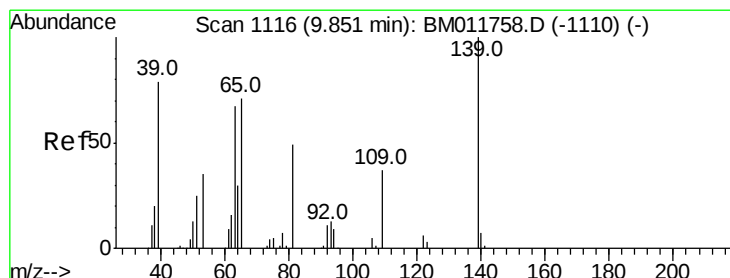
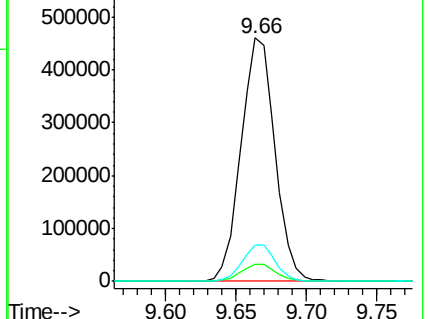
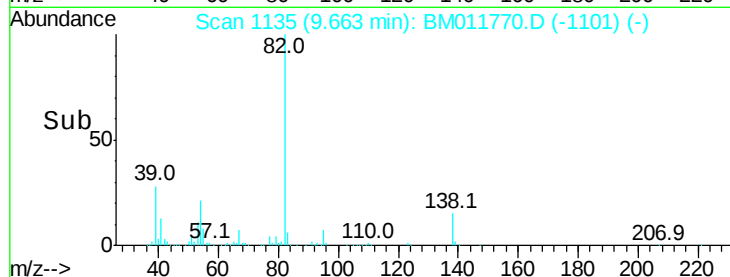
Abundance Ion 82.00 (81.70 to 82.70): BM011770.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BM011770.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BM011770.D (-1133) (-)

9.66

Time-->



#23

2-Nitrophenol

Concen: 19.931 ng/ul

RT: 9.85 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

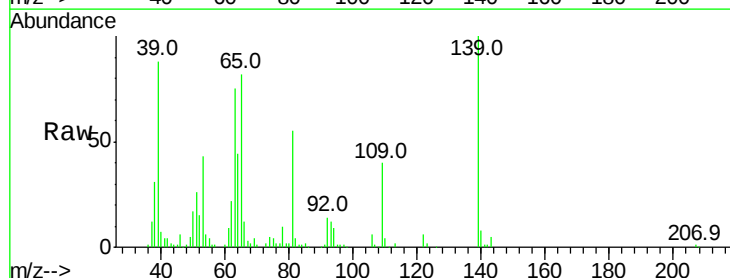
Tgt Ion: 139 Resp: 169967

Ion Ratio Lower Upper

139 100

65 82.3 55.4 83.0

109 40.4 42.2 63.2#



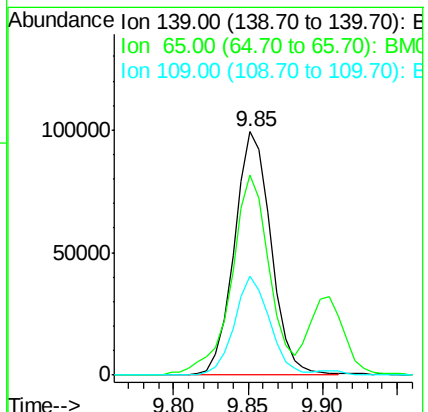
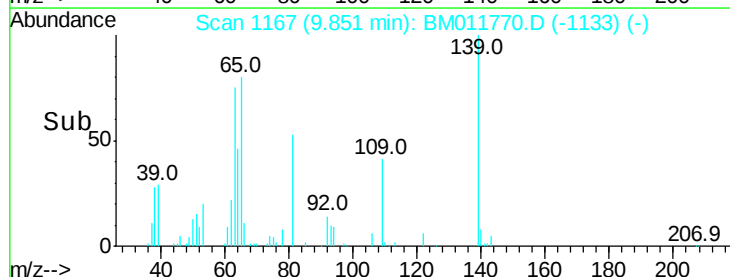
Abundance Ion 139.00 (138.70 to 139.70): BM011770.D (-1133) (-)

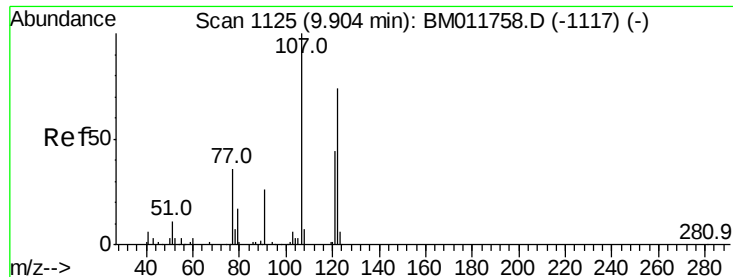
Ion 65.00 (64.70 to 65.70): BM011770.D (-1133) (-)

Ion 109.00 (108.70 to 109.70): BM011770.D (-1133) (-)

9.85

Time-->

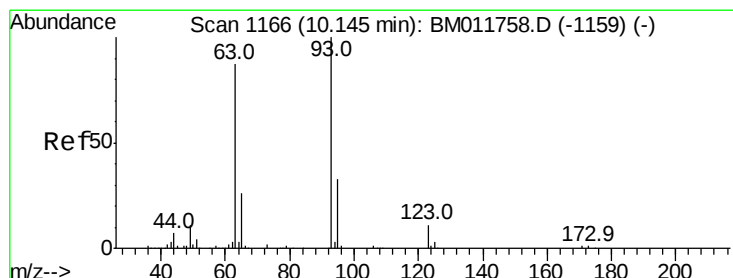
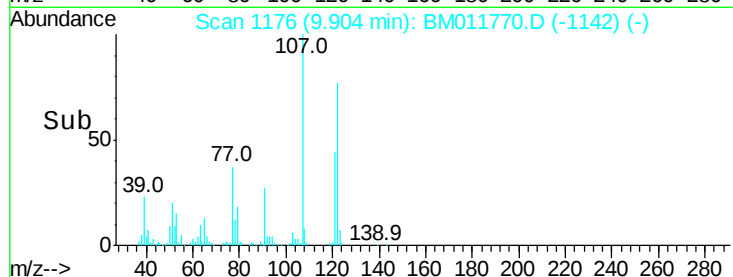
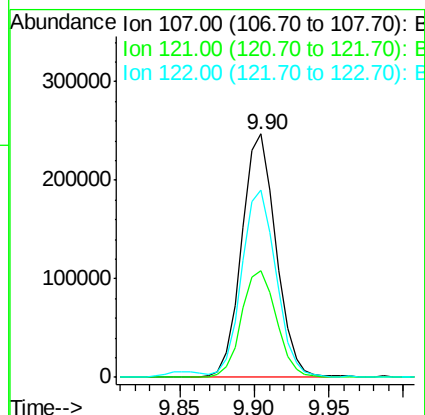
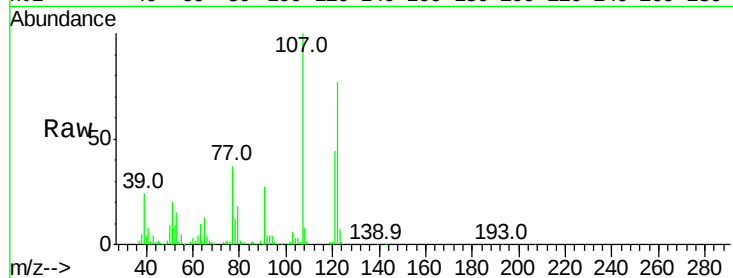




#24
 2,4-Dimethylphenol
 Concen: 20.206 ng/ul
 RT: 9.90 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

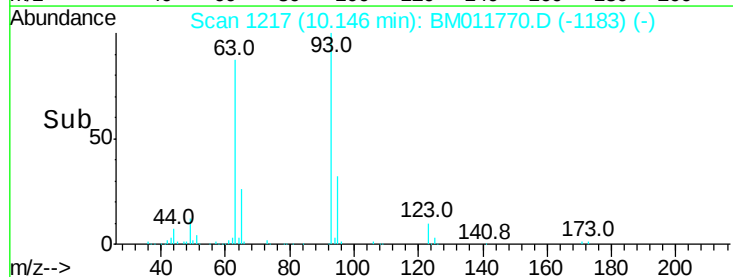
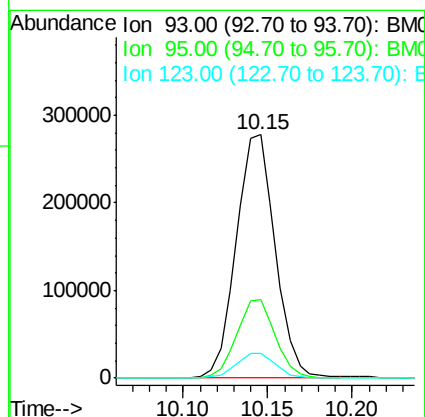
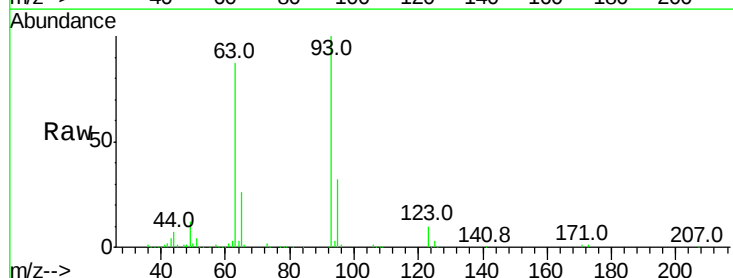
Instrument :
 BNA_M
 ClientSampleId :

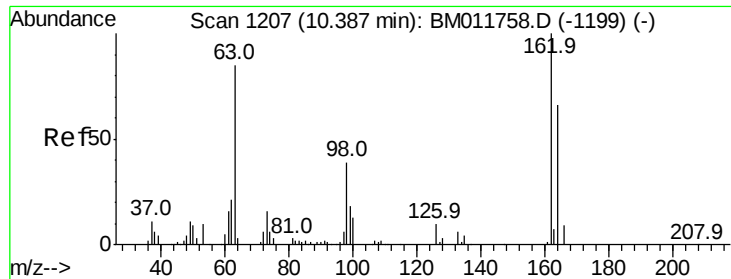
Tot Ion	Ratio	Lower	Upper
107	100		
121	44.1	31.9	47.9
122	76.7	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.500 ng/ul
 RT: 10.15 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	28.5	42.7
123	10.4	8.9	13.3

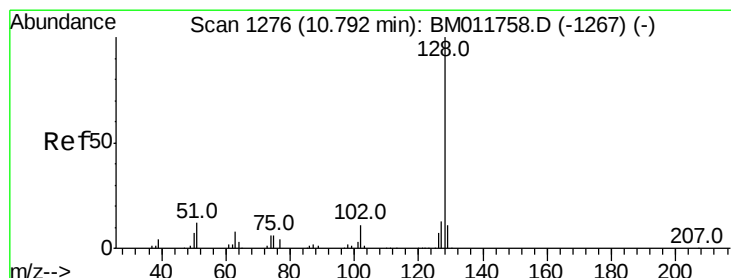
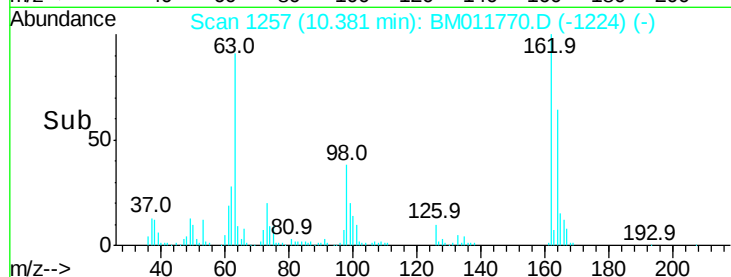
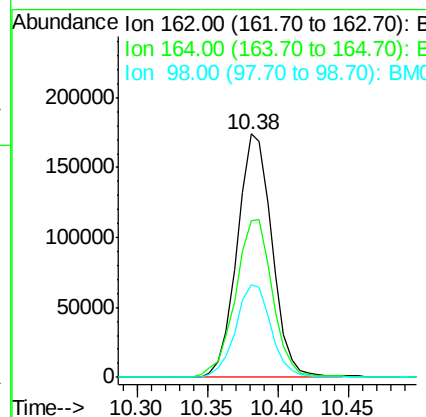
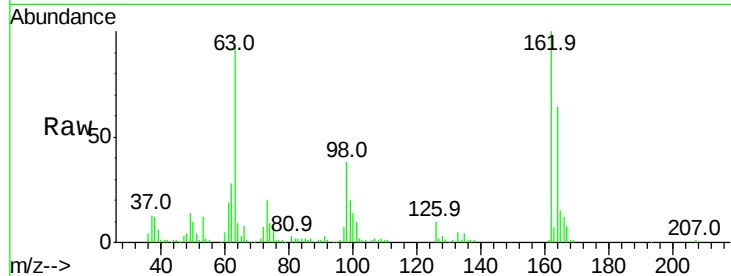




#27
 2,4-Dichlorophenol
 Concen: 20.249 ng/ul
 RT: 10.38 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

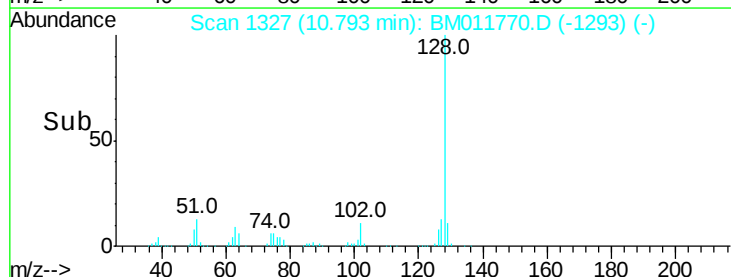
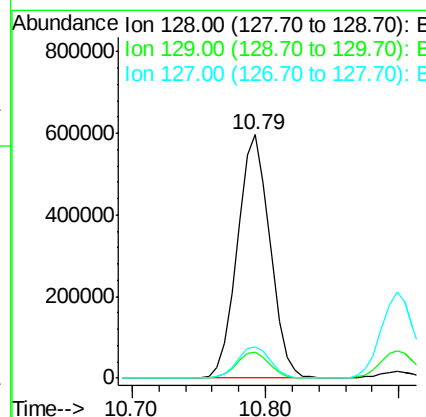
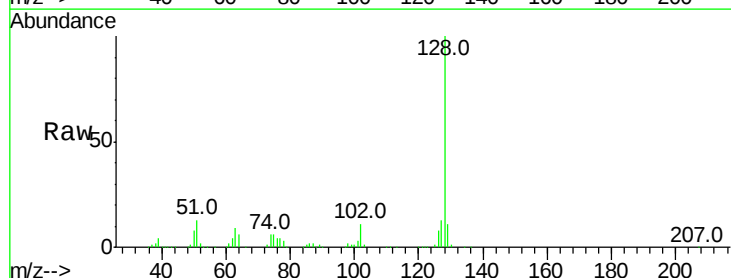
Instrument :
 BNA_M
 ClientSampleId :

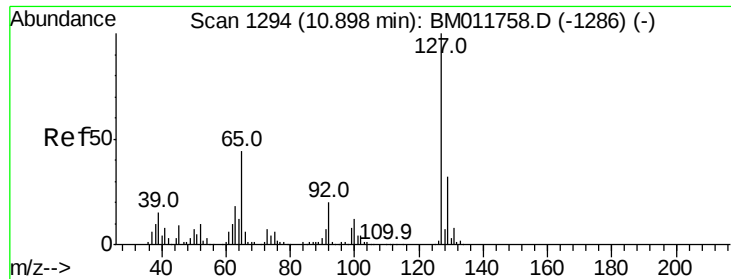
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	47.8	71.6
98	38.0	23.0	34.4



#28
 Naphthalene
 Concen: 19.640 ng/ul
 RT: 10.79 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.6	16.0

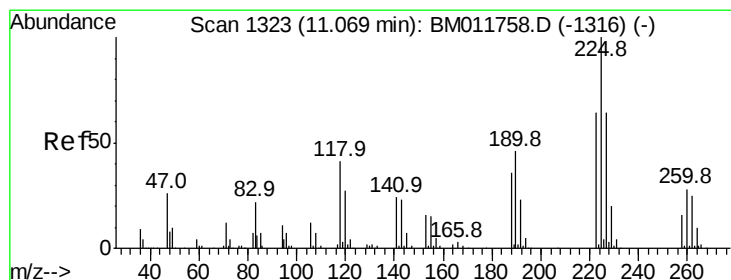
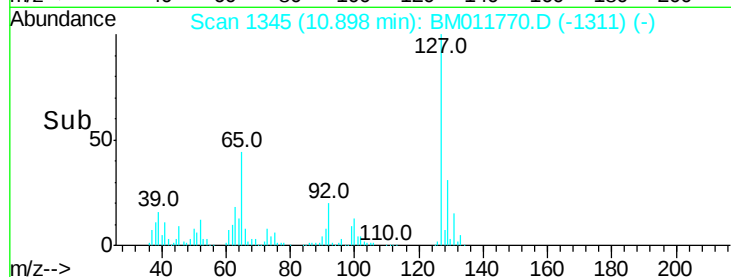
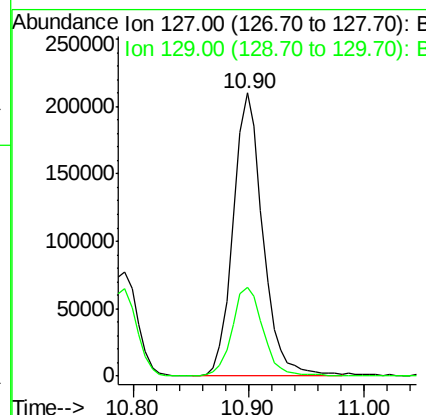
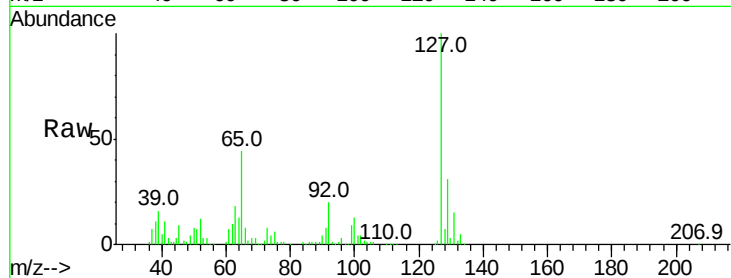




#30
4-Chloroaniline
Concen: 22.480 ng/ul
RT: 10.90 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

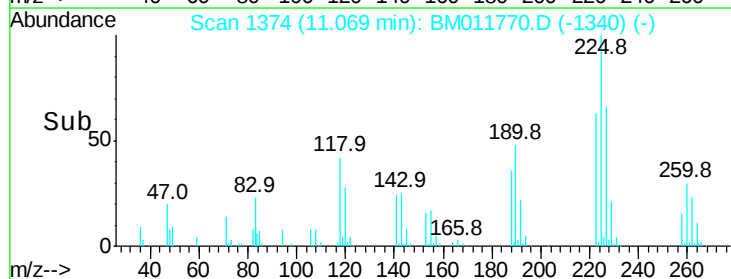
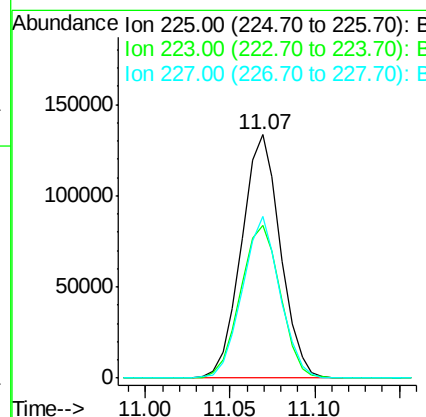
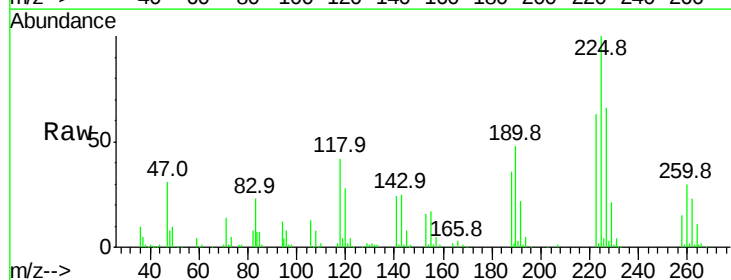
Instrument :
BNA_M
ClientSampled :

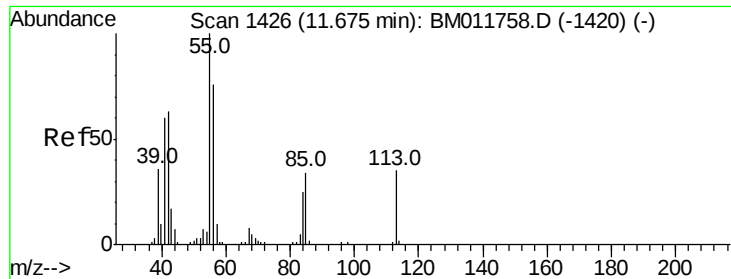
Tot Ion:127 Resp: 375750
Ion Ratio Lower Upper
127 100
129 31.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.489 ng/ul
RT: 11.07 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion:225 Resp: 214438
Ion Ratio Lower Upper
225 100
223 62.9 49.4 74.2
227 66.2 45.4 68.2





#32

Caprolactam

Concen: 17.390 ng/ul

RT: 11.67 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

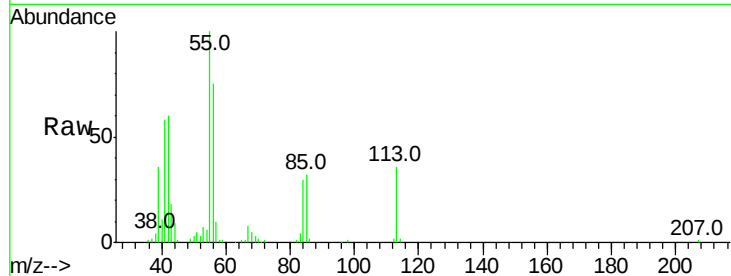
Tot Ion:113 Resp: 83765

Ion Ratio Lower Upper

113 100

55 280.8 208.0 312.0

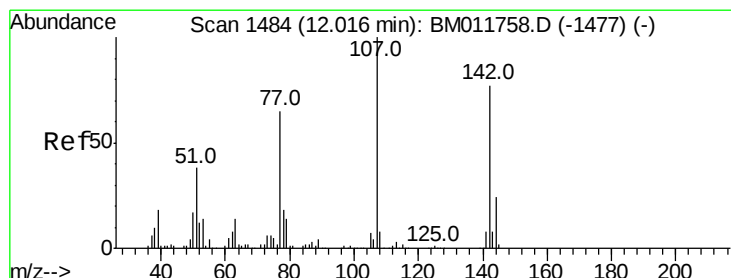
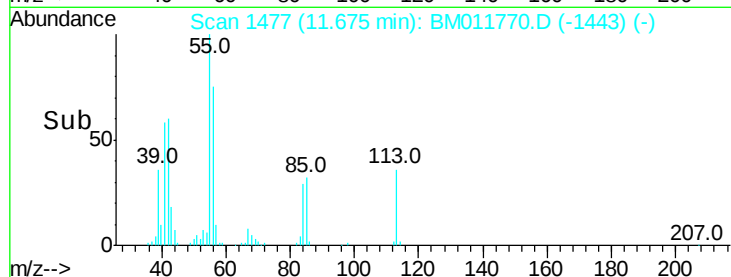
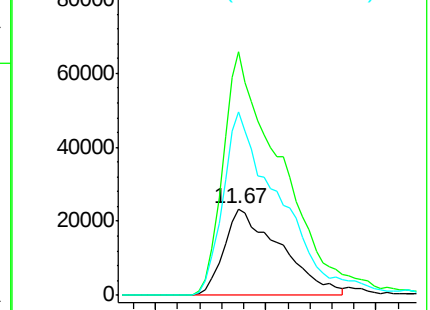
56 211.3 160.0 240.0



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



#33

4-Chloro-3-methylphenol

Concen: 19.727 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

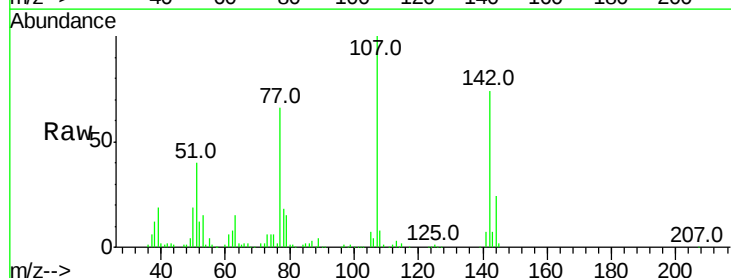
Tgt Ion:107 Resp: 332025

Ion Ratio Lower Upper

107 100

144 24.3 20.4 30.6

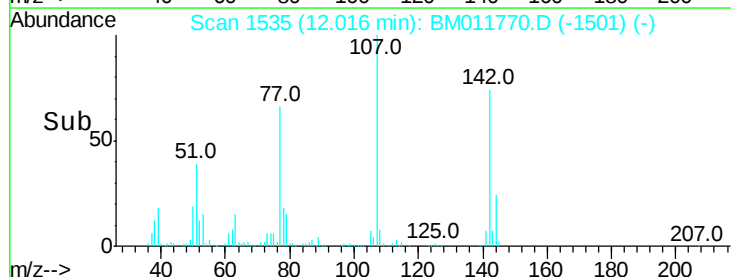
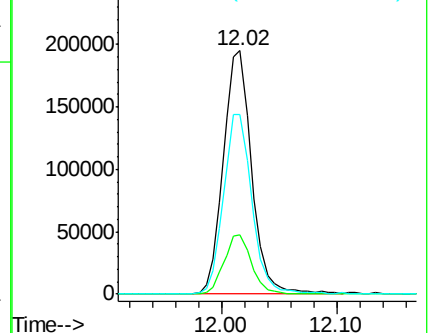
142 73.5 60.5 90.7

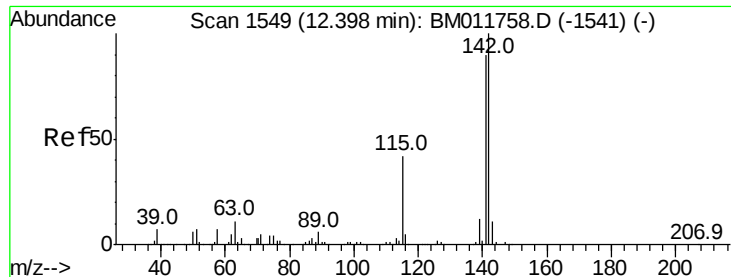


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

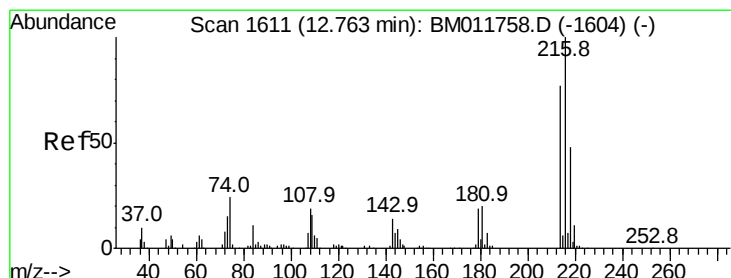
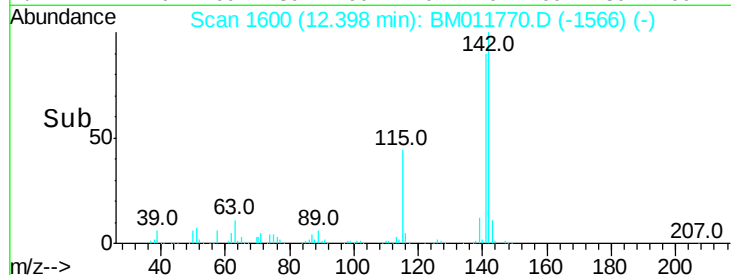
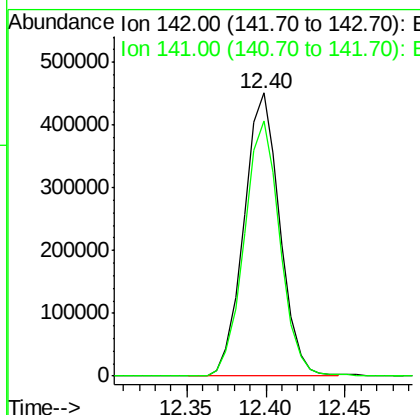
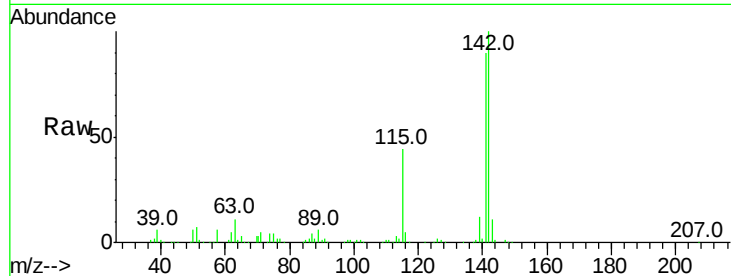




#34
 2-Methylnaphthalene
 Concen: 19.445 ng/ul
 RT: 12.40 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

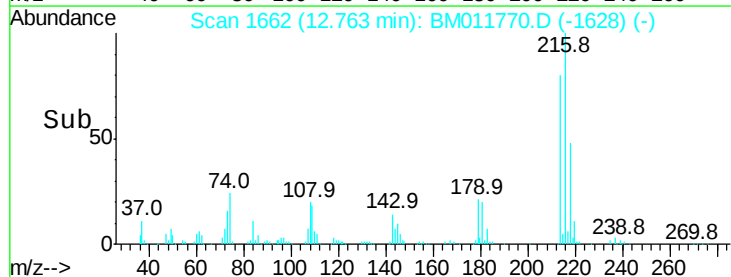
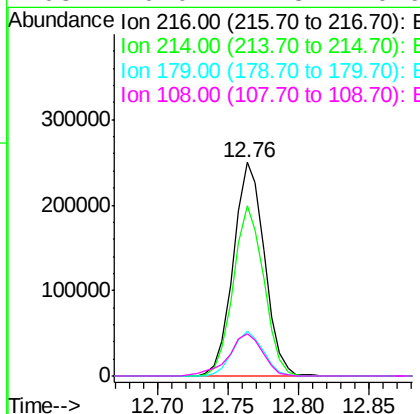
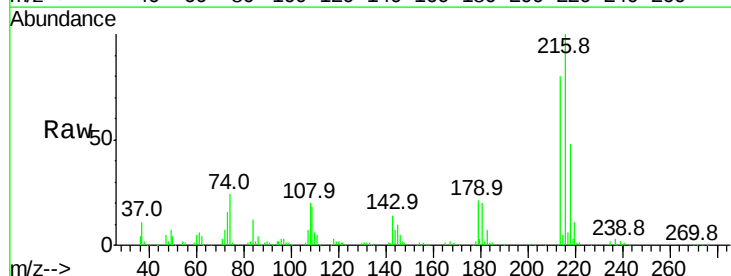
Instrument :
 BNA_M
 ClientSampled :

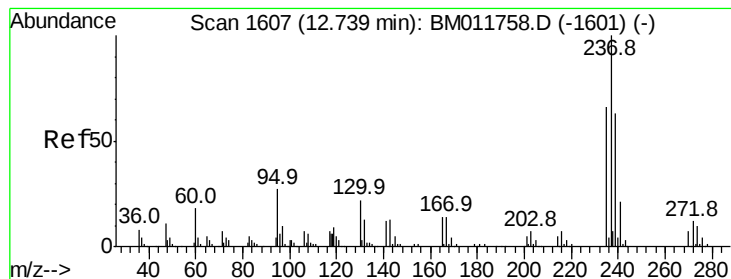
Tot Ion:142 Resp: 709301
 Ion Ratio Lower Upper
 142 100
 141 90.1 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.778 ng/ul
 RT: 12.76 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion:216 Resp: 384219
 Ion Ratio Lower Upper
 216 100
 214 79.9 60.6 90.8
 179 21.1 17.5 26.3
 108 20.0 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 15.555 ng/ul

RT: 12.74 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

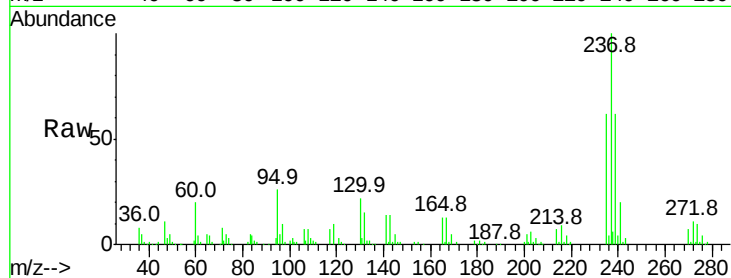
Tot Ion:237 Resp: 184873

Ion Ratio Lower Upper

237 100

235 61.8 50.2 75.4

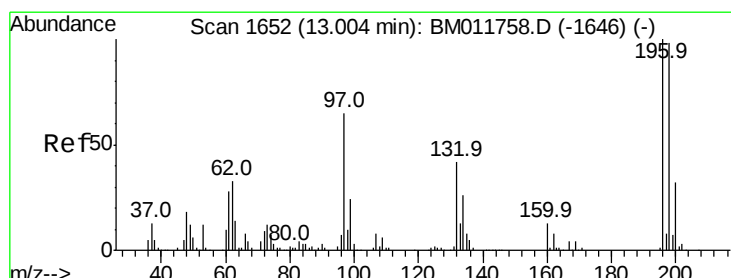
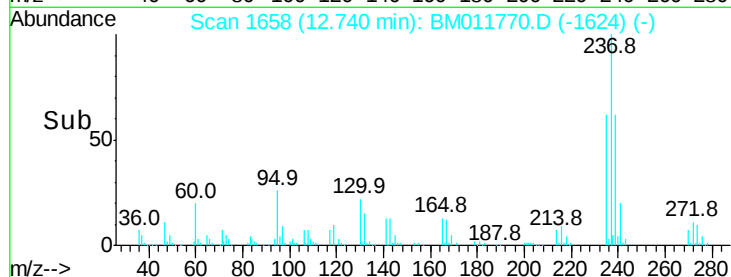
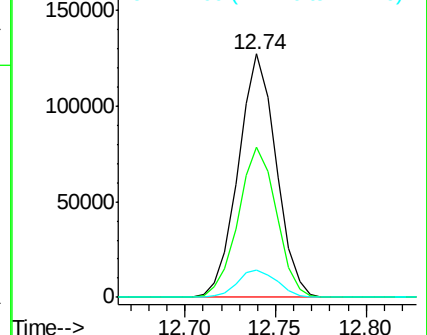
272 11.4 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.752 ng/ul

RT: 13.00 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

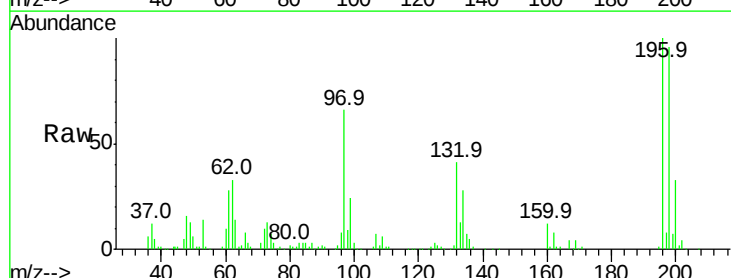
Tgt Ion:196 Resp: 246423

Ion Ratio Lower Upper

196 100

198 96.3 74.1 111.1

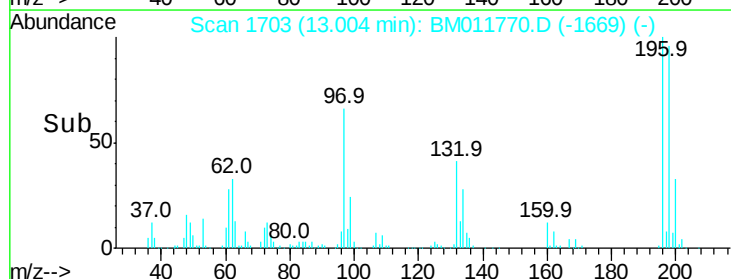
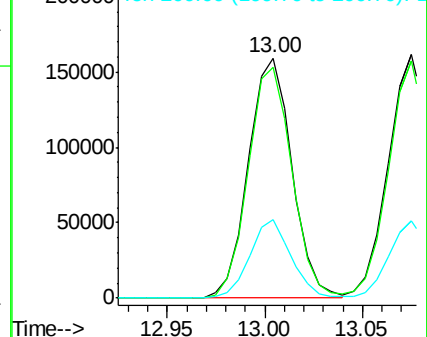
200 32.7 25.2 37.8

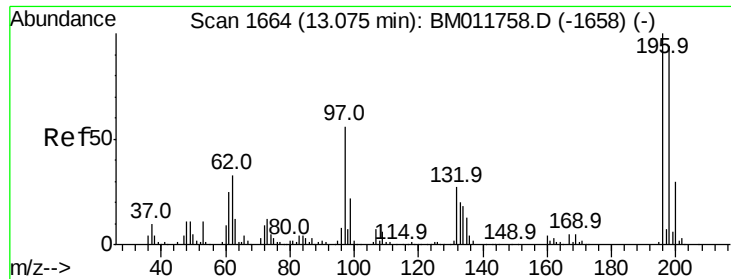


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

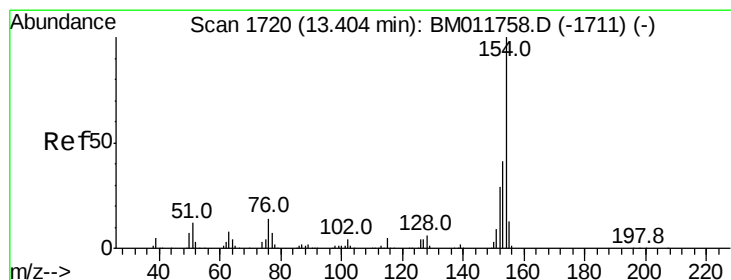
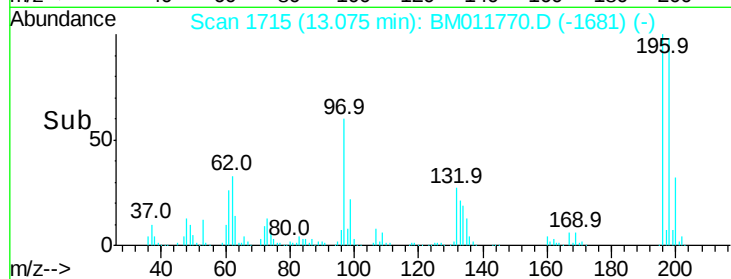
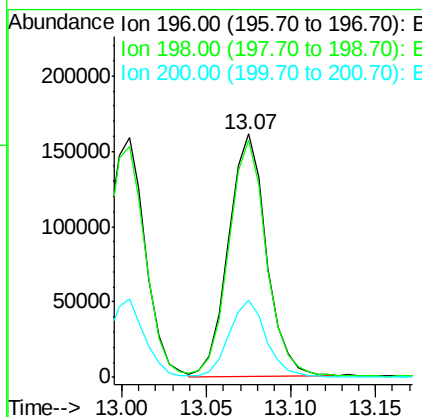
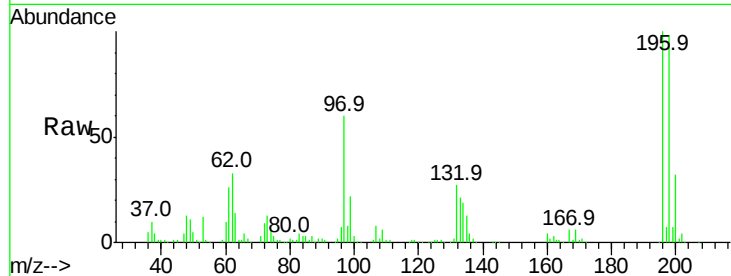




#39
 2,4,5-Trichlorophenol
 Concen: 20.295 ng/ul
 RT: 13.07 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

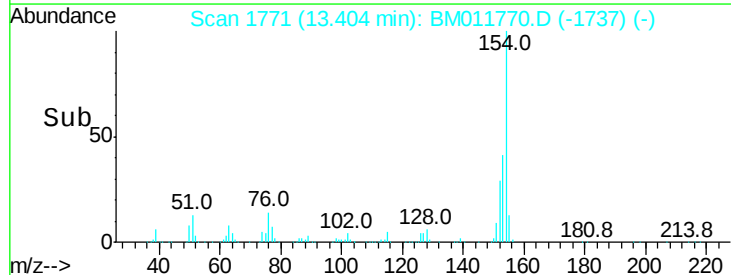
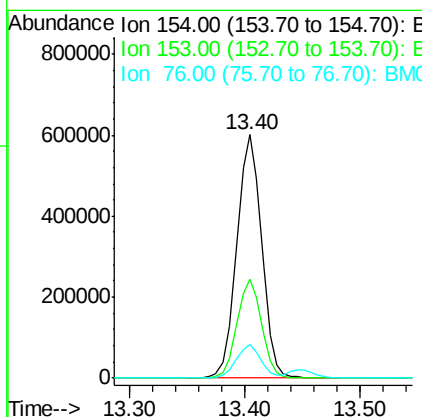
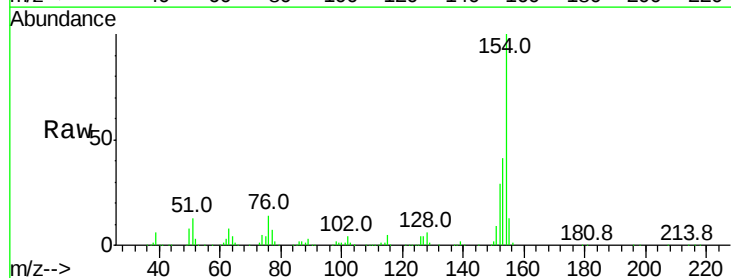
Instrument :
 BNA_M
 ClientSampleId :

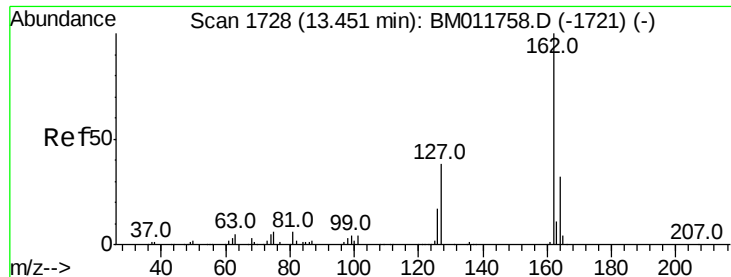
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.6	113.4
200	31.6	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.893 ng/ul
 RT: 13.40 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	13.6	8.5	12.7#

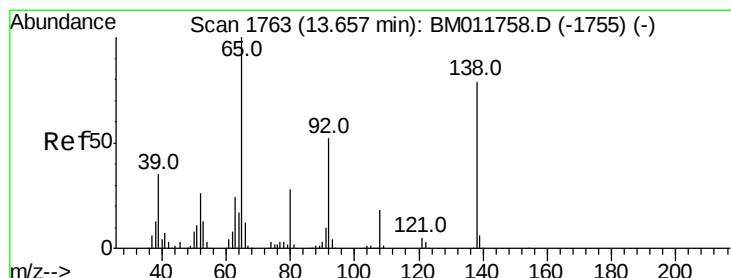
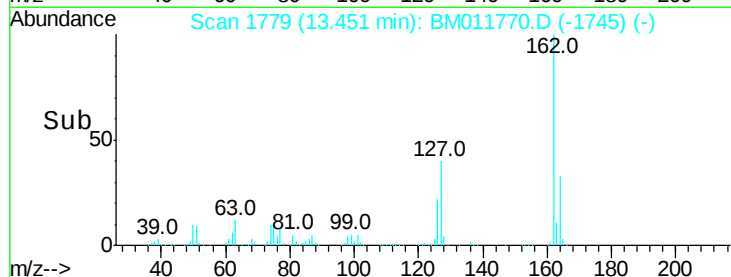
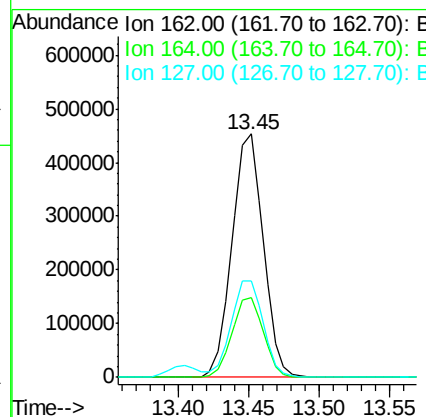
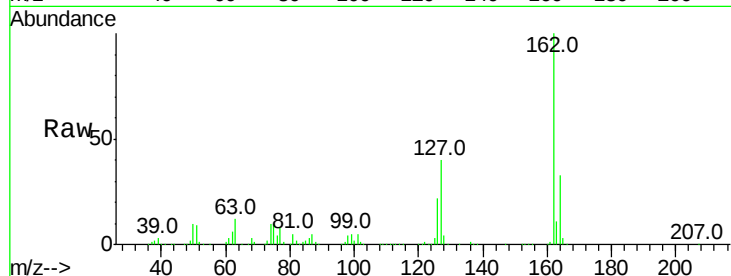




#41
2-Chloronaphthalene
Concen: 20.335 ng/ul
RT: 13.45 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

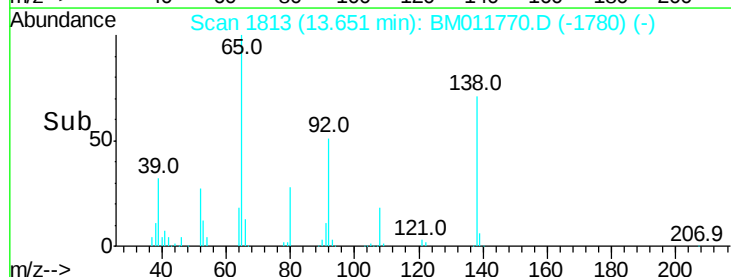
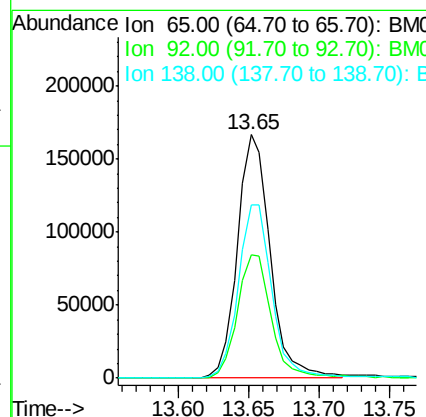
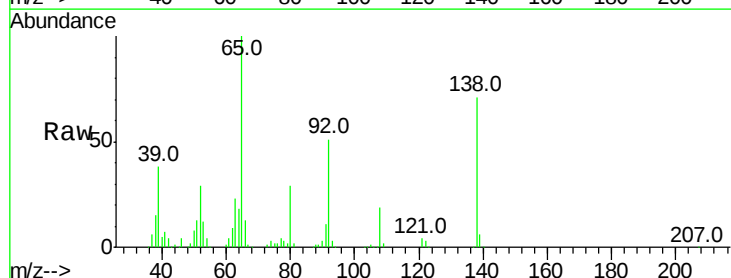
Instrument :
BNA_M
ClientSampleId :

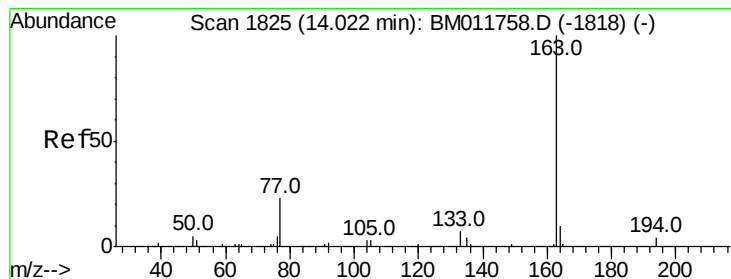
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.5	25.9	38.9
127	39.6	29.4	44.2



#42
2-Nitroaniline
Concen: 21.376 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	50.9	51.8	77.6#
138	71.1	74.2	111.4#





#44

Dimethylphthalate

Concen: 19.183 ng/ul

RT: 14.02 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampled :

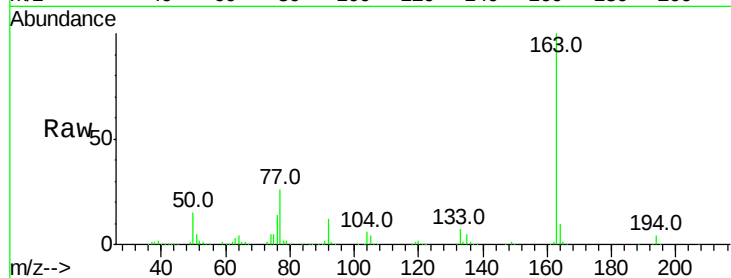
Tot Ion:163 Resp: 860788

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

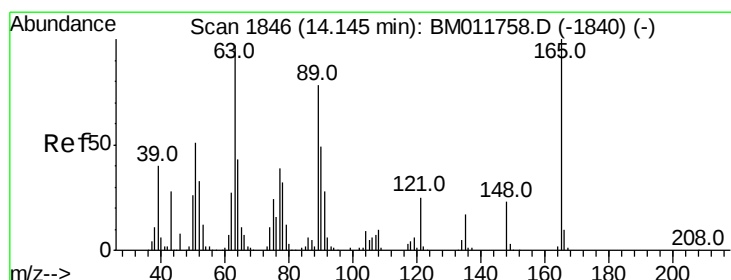
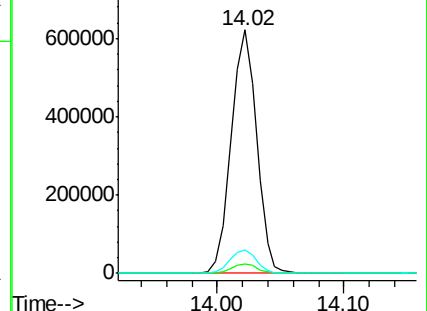
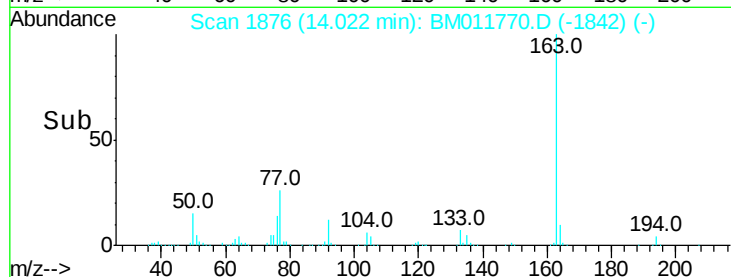
164 9.8 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 20.113 ng/ul

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

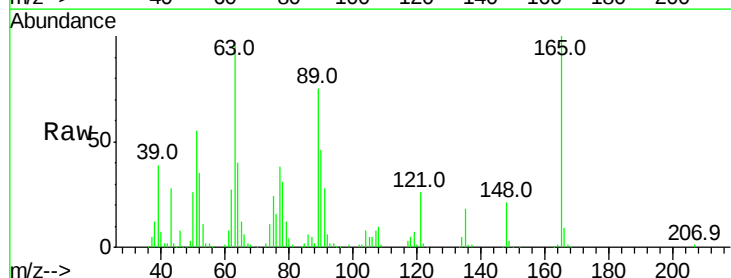
Tgt Ion:165 Resp: 166197

Ion Ratio Lower Upper

165 100

89 74.7 52.6 79.0

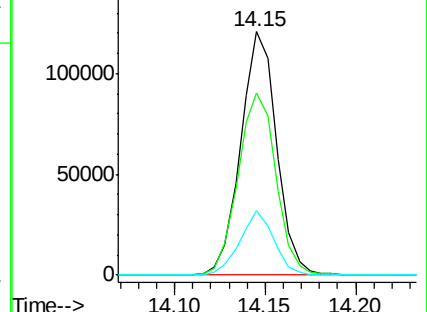
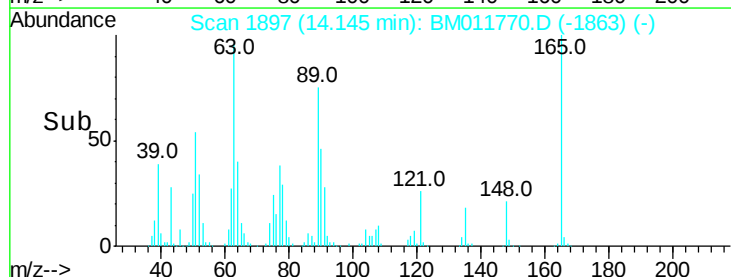
121 26.2 14.6 22.0#

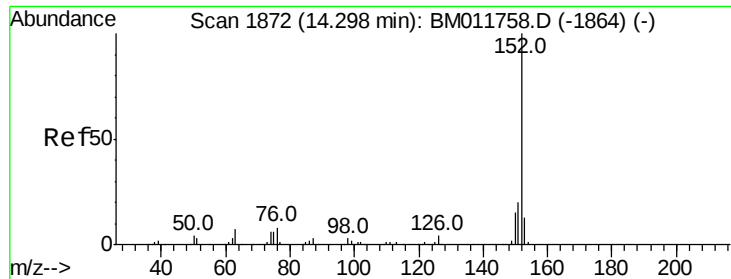


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.742 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

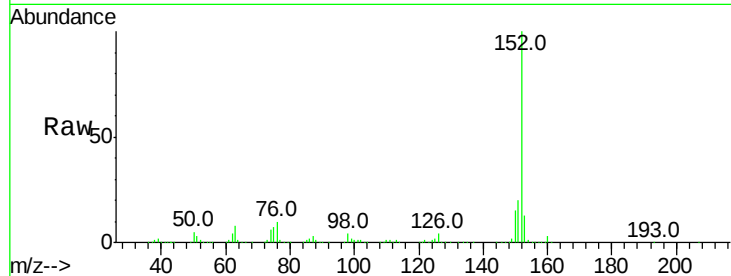
Tot Ion:152 Resp: 1123590

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.9	10.2	15.4

152 100

151 20.2 16.3 24.5

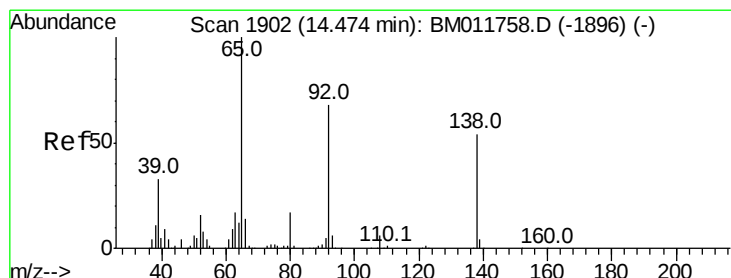
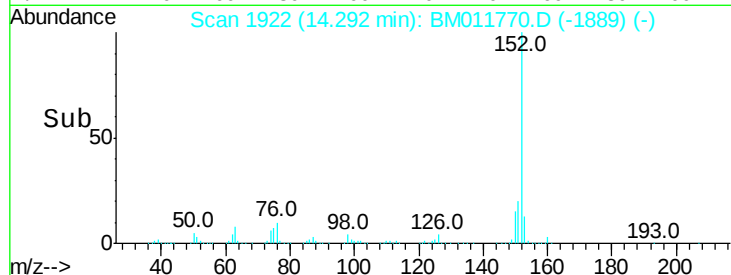
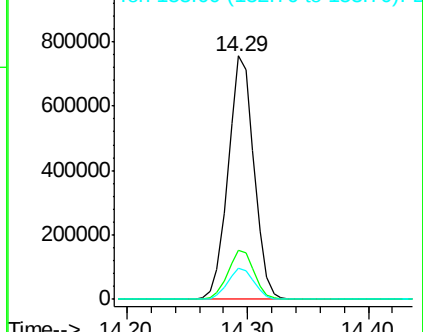
153 12.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 18.863 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

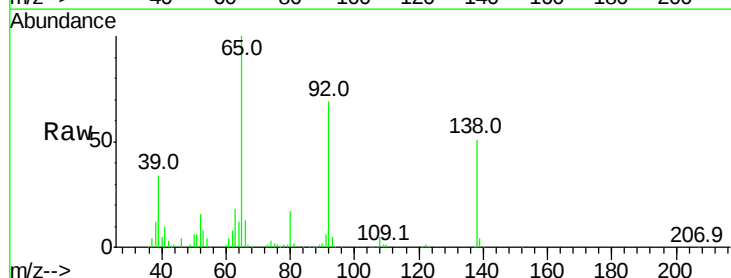
Tgt Ion:138 Resp: 159401

Ion	Ratio	Lower	Upper
138	100		
108	9.0	9.9	14.9#
92	134.3	105.0	157.4

138 100

108 9.0 9.9 14.9#

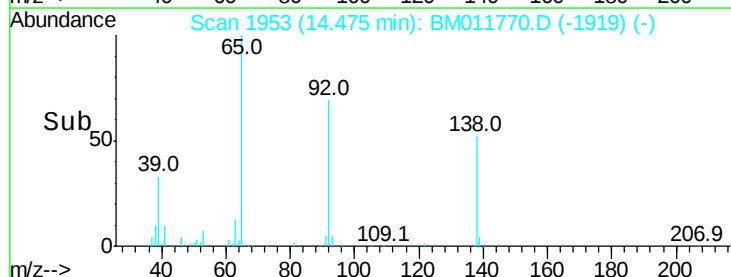
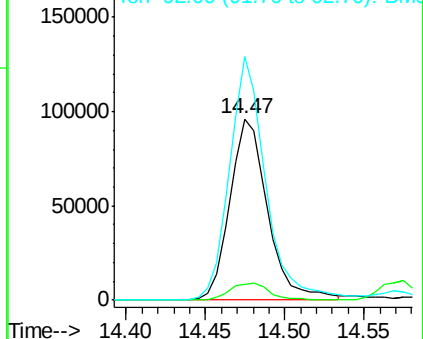
92 134.3 105.0 157.4

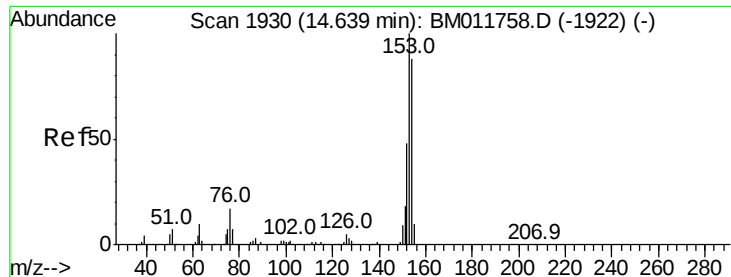


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.648 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

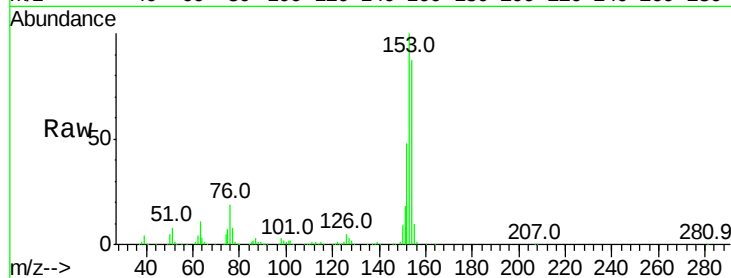
Tot Ion:153 Resp: 761585

Ion Ratio Lower Upper

153 100

152 47.6 37.6 56.4

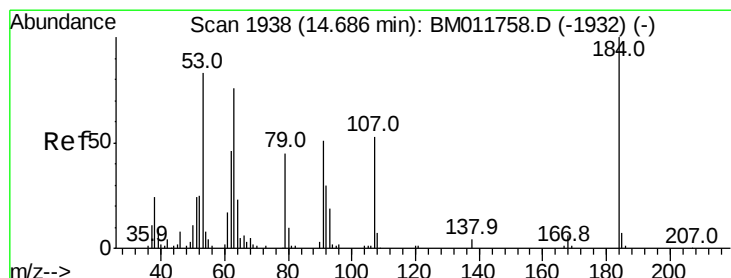
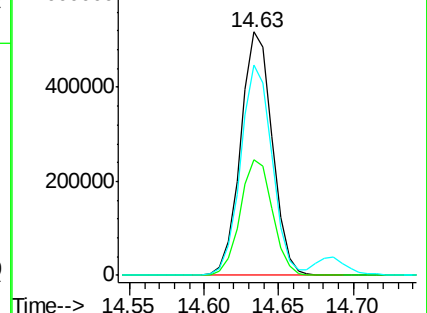
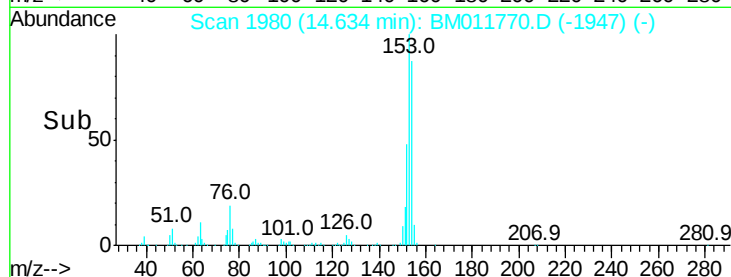
154 86.5 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.881 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

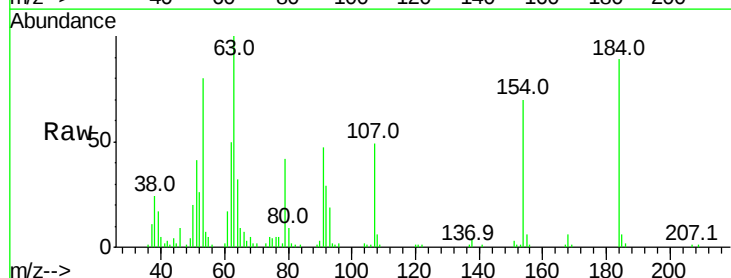
Tgt Ion:184 Resp: 80717

Ion Ratio Lower Upper

184 100

63 112.0 50.1 75.1#

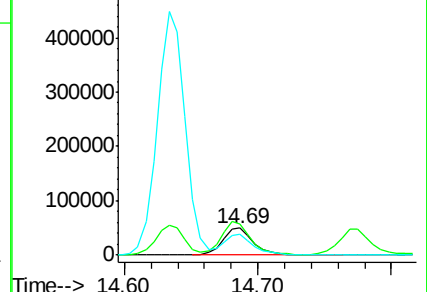
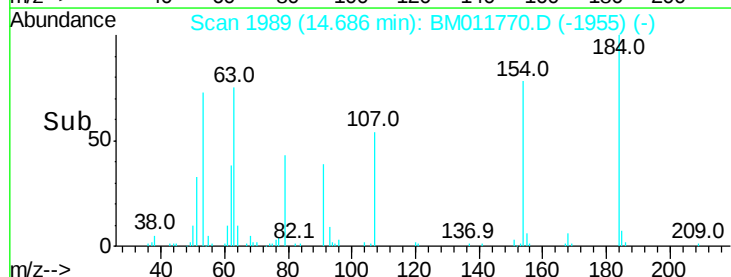
154 77.9 54.5 81.7

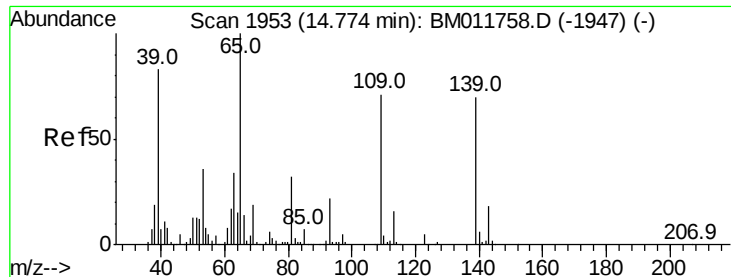


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.797 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

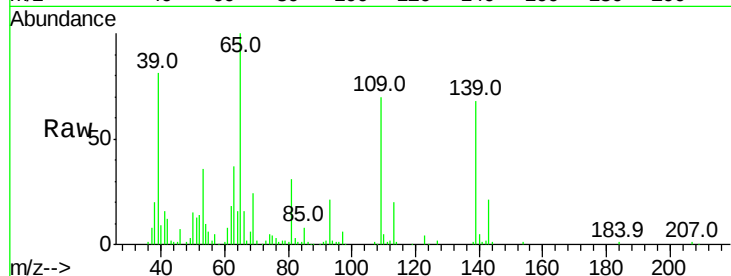
Tot Ion:109 Resp: 147435

Ion Ratio Lower Upper

109 100

139 97.9 80.0 120.0

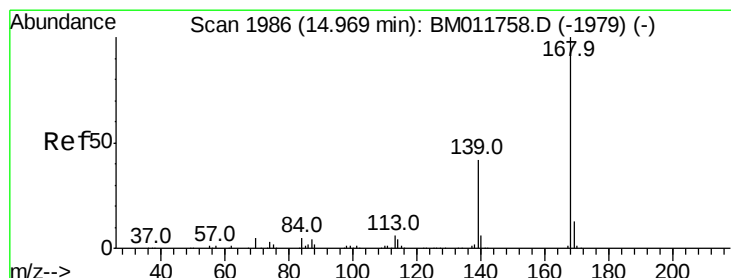
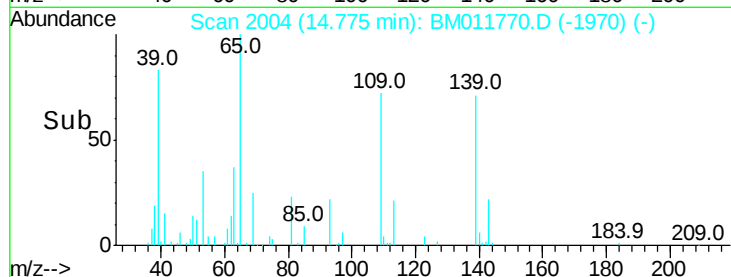
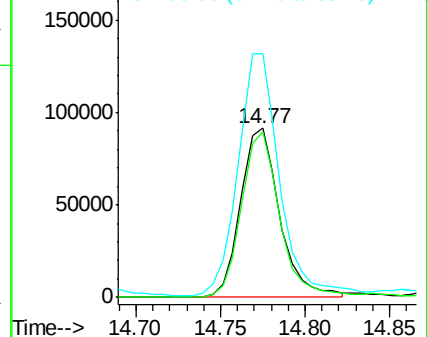
65 143.8 120.0 180.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.509 ng/ul

RT: 14.97 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BM011770.D

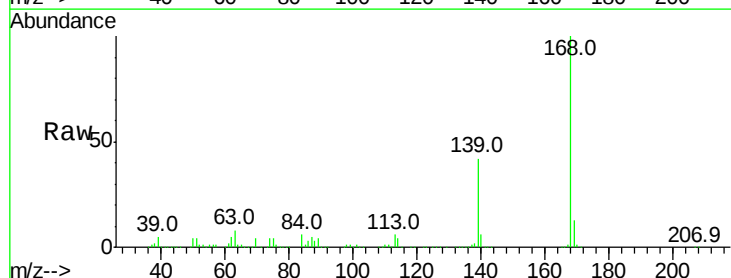
Acq: 29 Sep 2017 16:59

Tgt Ion:168 Resp: 1038604

Ion Ratio Lower Upper

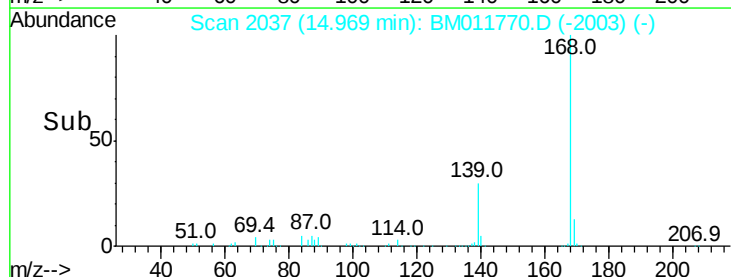
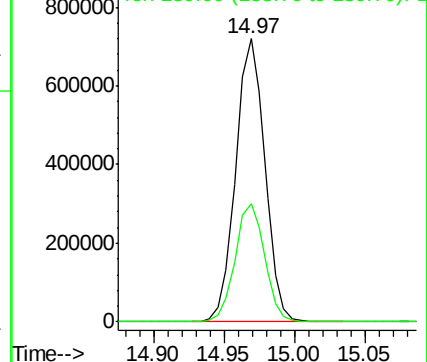
168 100

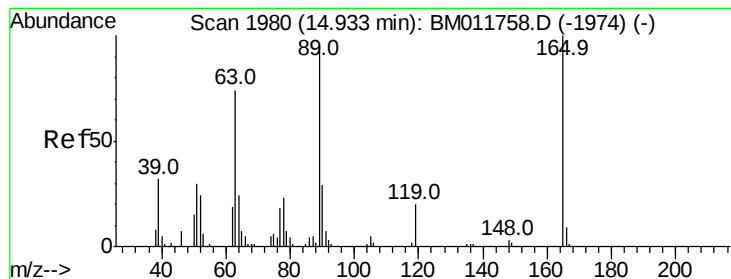
139 41.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.625 ng/ul

RT: 14.93 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

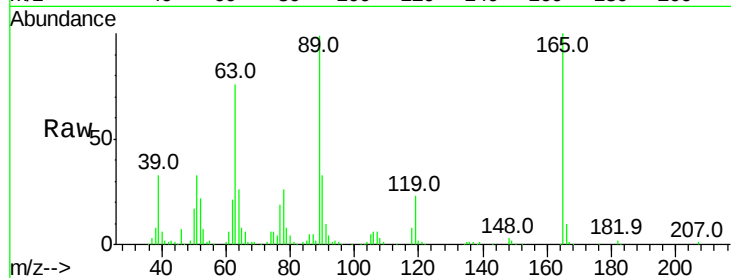
Tot Ion:165 Resp: 231395

Ion Ratio Lower Upper

165 100

63 75.6 45.8 68.8#

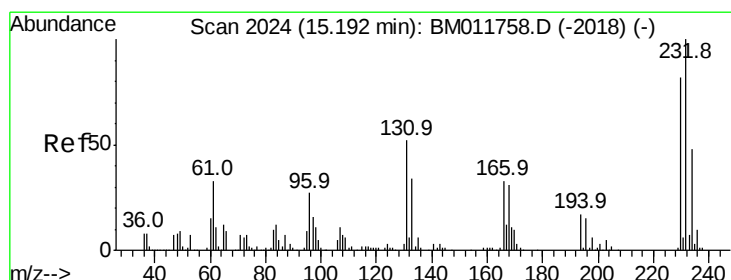
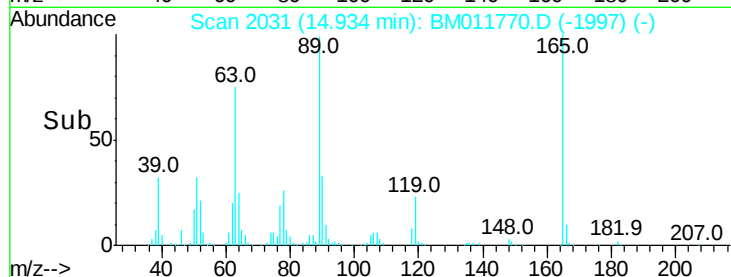
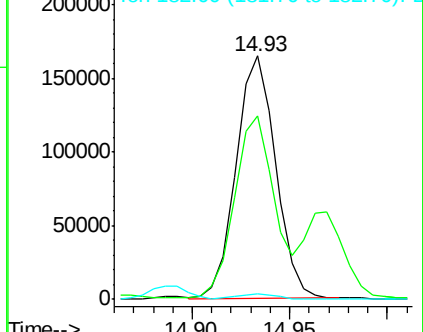
182 2.4 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.710 ng/ul

RT: 15.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Tgt Ion:232 Resp: 223509

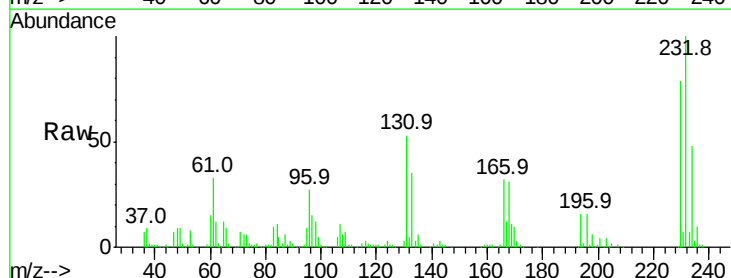
Ion Ratio Lower Upper

232 100

131 52.8 29.0 43.4#

130 2.9 2.0 3.0

166 32.4 21.4 32.2#

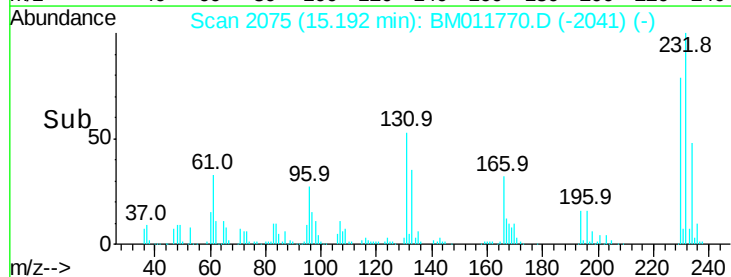
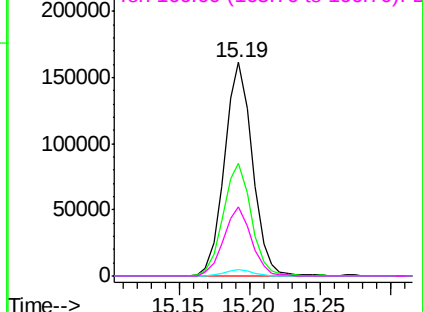


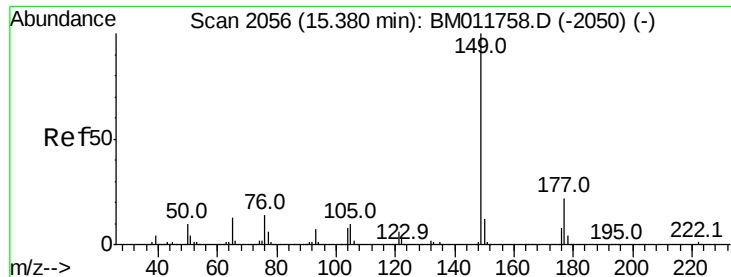
Abundance Ion 232.00 (231.70 to 232.70): E

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

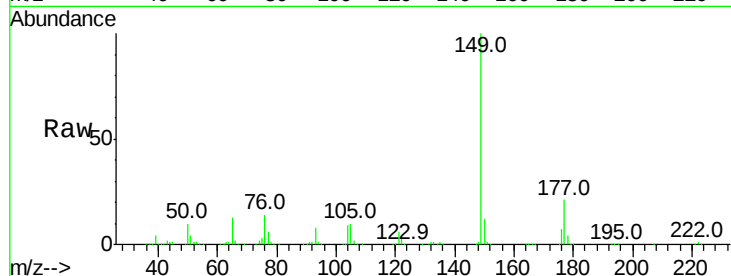




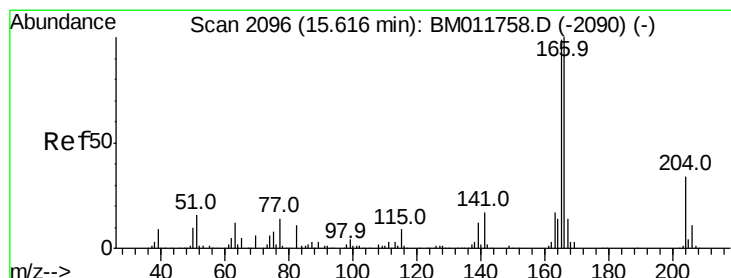
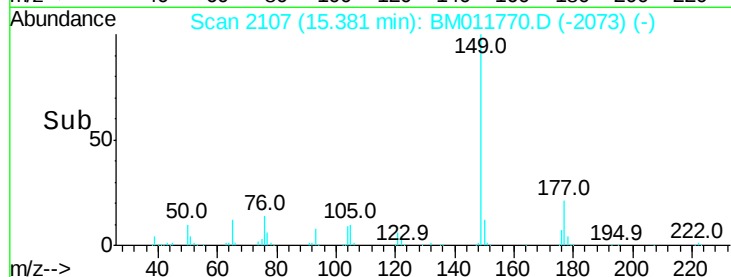
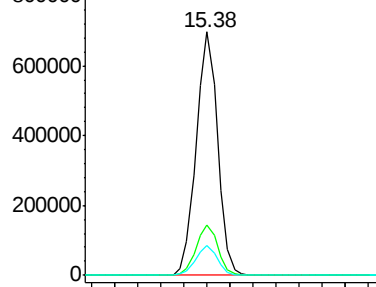
#56
Diethylphthalate
Concen: 18.990 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 896052
Ion Ratio Lower Upper
149 100
177 20.8 20.5 30.7
150 12.0 10.6 15.8

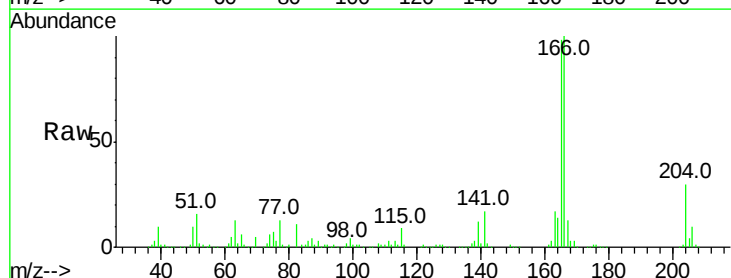


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

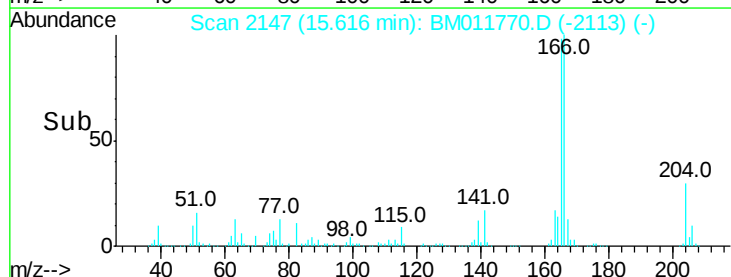
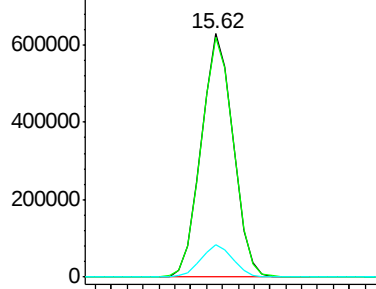


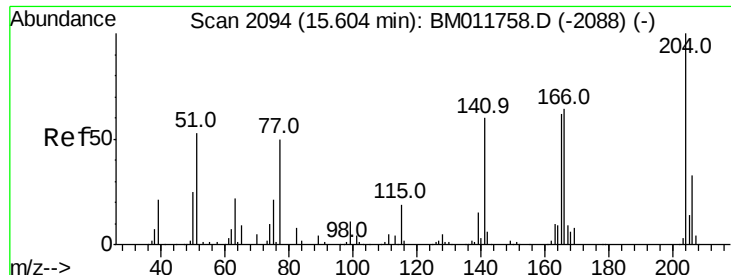
#58
Fluorene
Concen: 19.389 ng/ul
RT: 15.62 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion:166 Resp: 874041
Ion Ratio Lower Upper
166 100
165 98.4 77.9 116.9
167 13.4 10.6 16.0



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

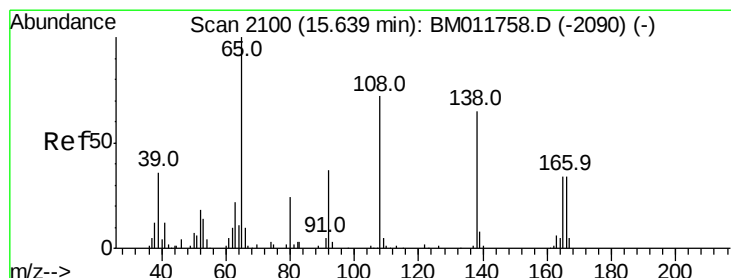
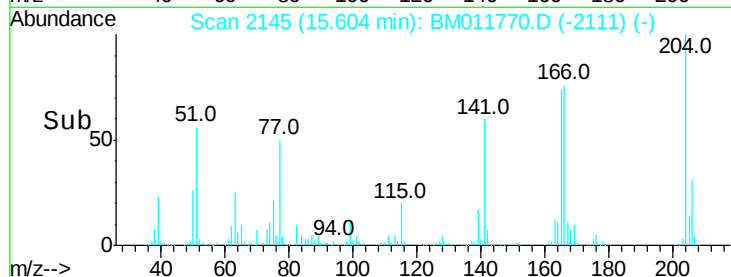
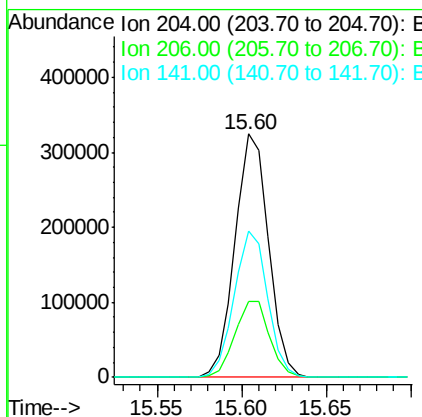
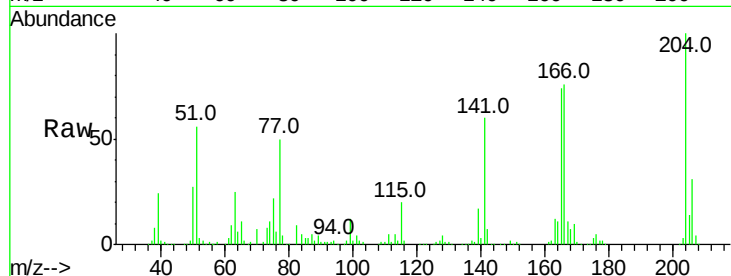




#59
 4-Chlorophenyl-phenylether
 Concen: 19.810 ng/ul
 RT: 15.60 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

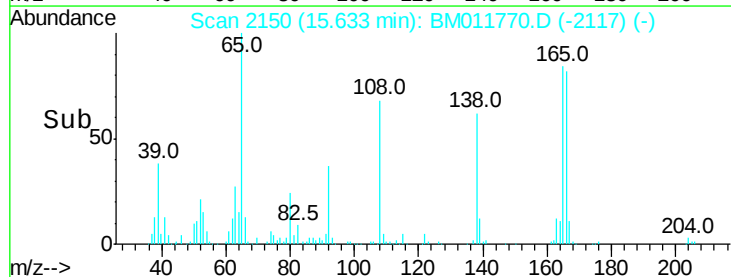
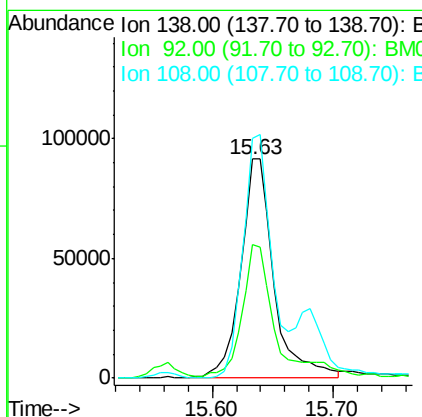
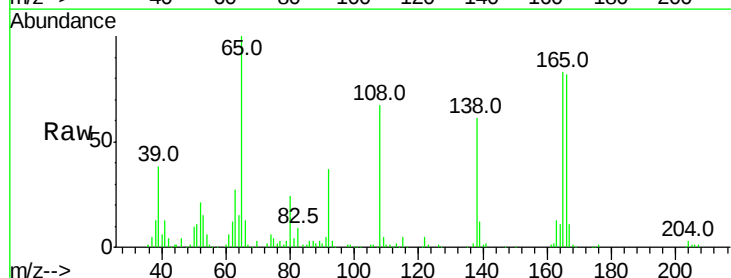
Instrument :
 BNA_M
 ClientSampled :

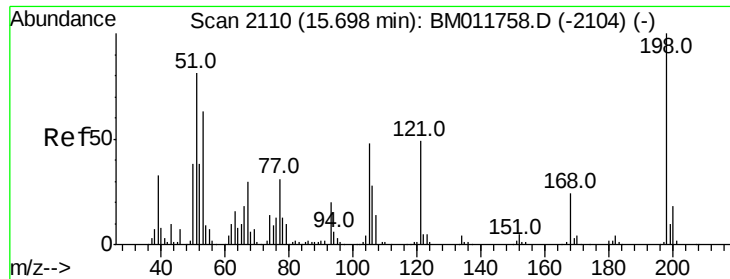
Tot Ion:204 Resp: 449041
 Ion Ratio Lower Upper
 204 100
 206 31.4 24.8 37.2
 141 60.3 44.3 66.5



#60
 4-Nitroaniline
 Concen: 18.946 ng/ul
 RT: 15.63 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion:138 Resp: 175683
 Ion Ratio Lower Upper
 138 100
 92 60.8 40.0 60.0#
 108 109.6 80.0 120.0

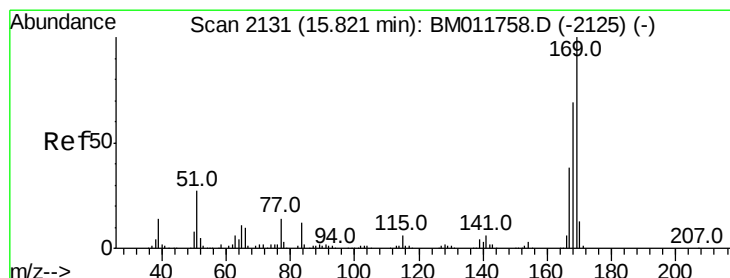
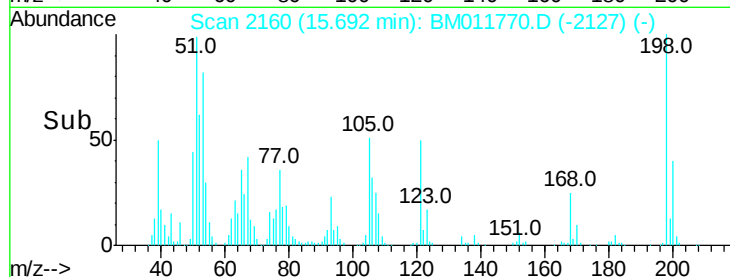
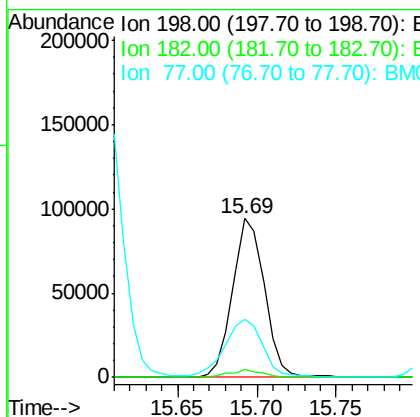
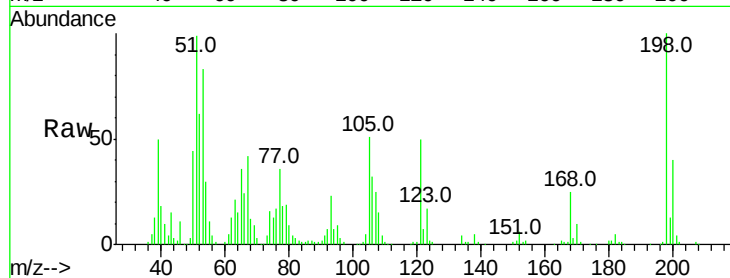




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.430 ng/ul
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

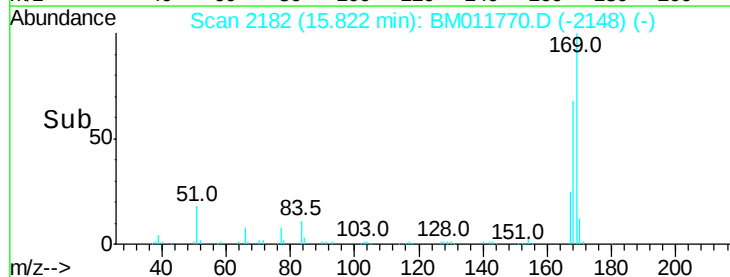
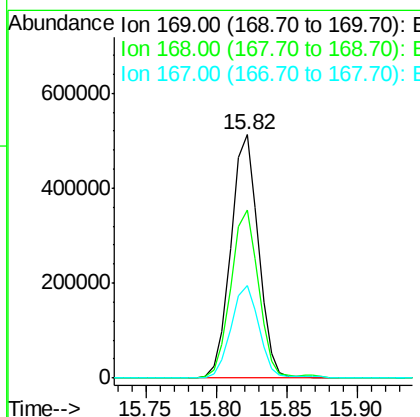
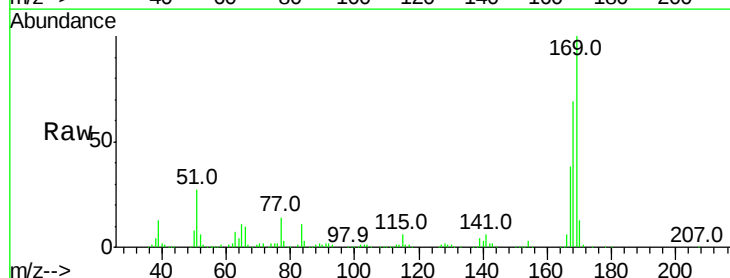
Instrument :
 BNA_M
 ClientSampled :

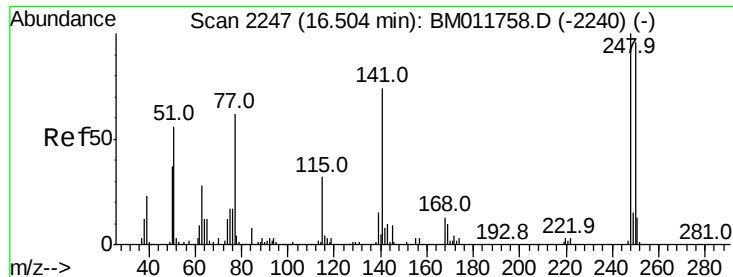
Tot Ion	Ratio	Lower	Upper
198	100		
182	4.8	3.8	5.6
77	36.5	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.171 ng/ul
 RT: 15.82 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.0	81.0
167	38.2	29.1	43.7

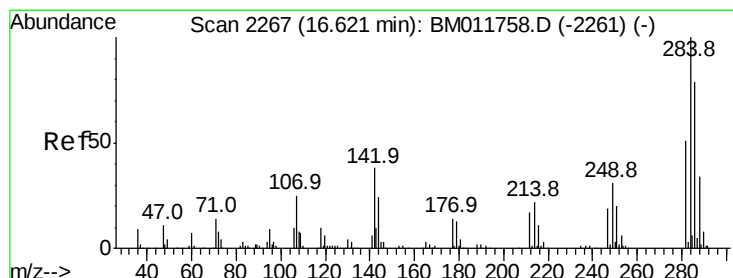
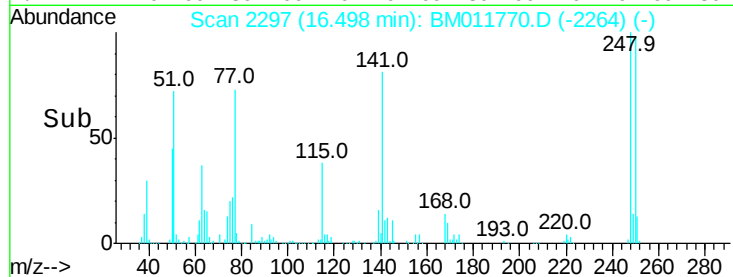
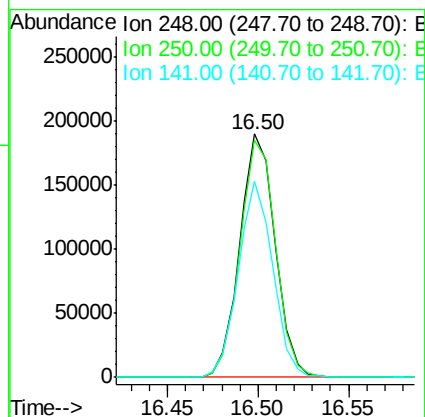
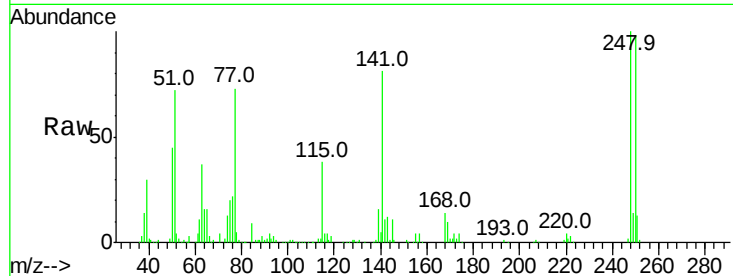




#65
4-Bromophenyl-phenylether
Concen: 20.079 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

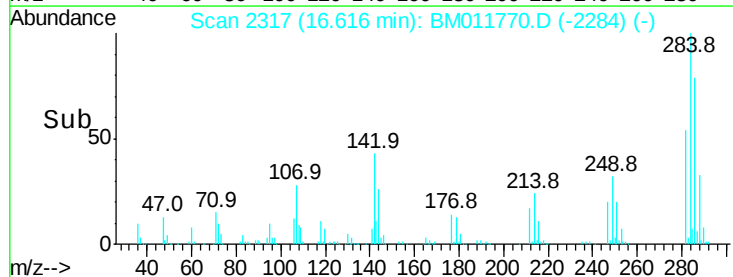
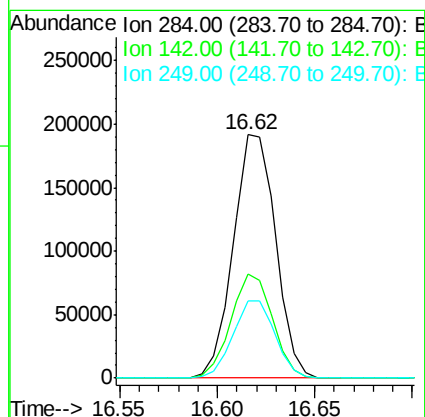
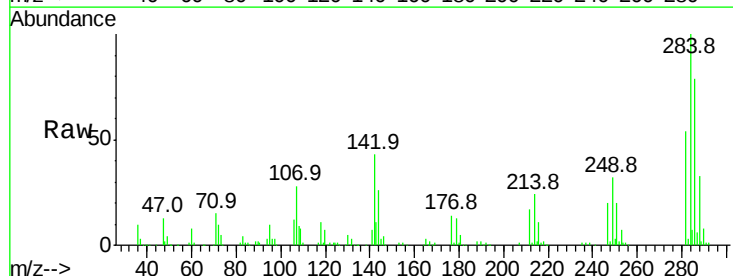
Instrument :
BNA_M
ClientSampleId :

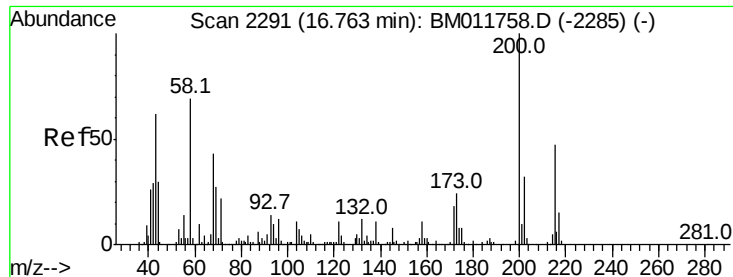
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	80.5	120.7
141	80.7	53.6	80.4#



#66
Hexachlorobenzene
Concen: 20.130 ng/ul
RT: 16.62 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.8	21.2	31.8#
249	31.8	24.5	36.7

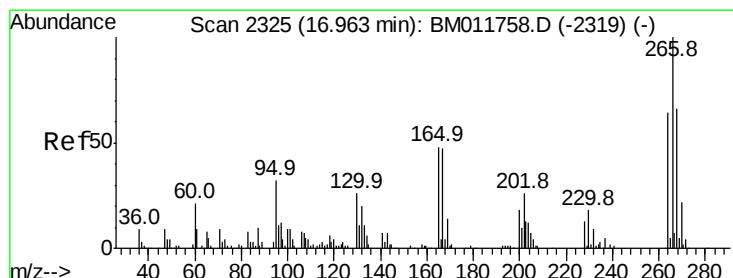
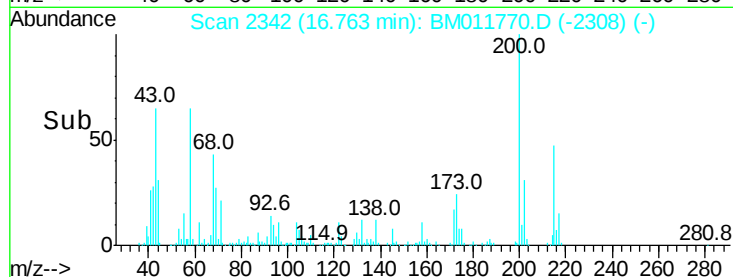
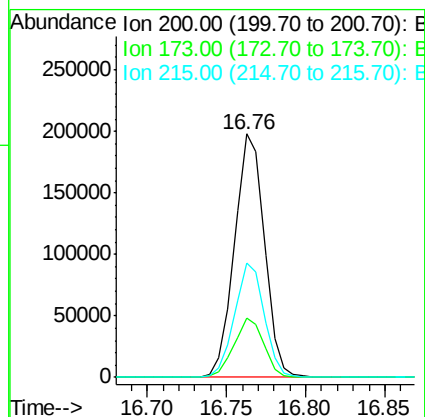
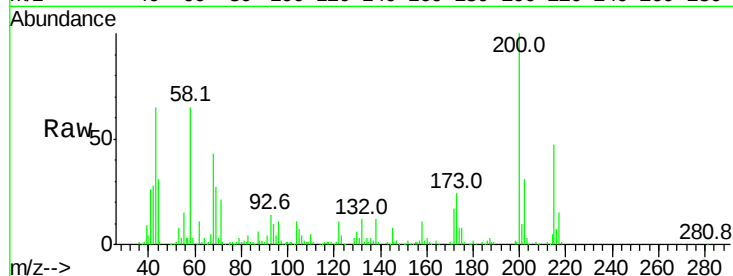




#67
Atrazine
Concen: 19.317 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

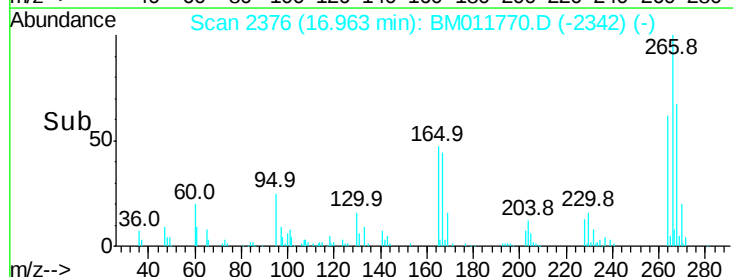
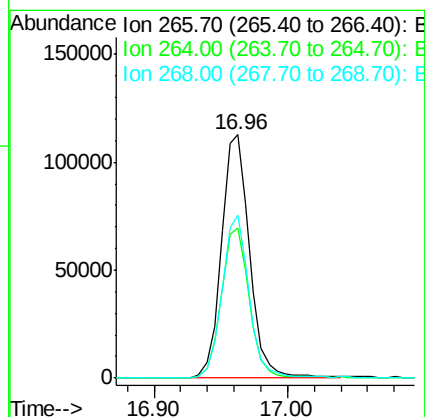
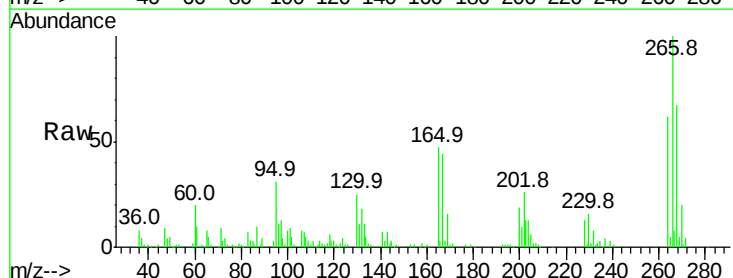
Instrument :
BNA_M
ClientSampleId :

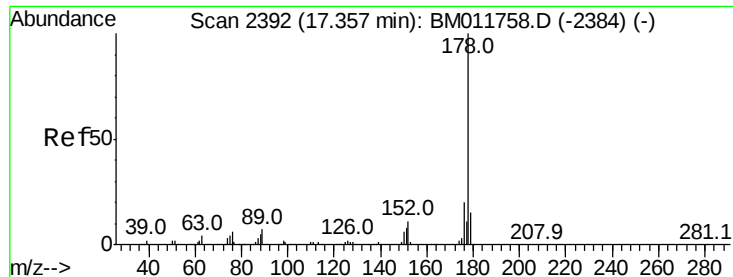
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	18.2	27.2
215	46.8	35.0	52.4



#68
Pentachlorophenol
Concen: 17.797 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM011770.D
Acq: 29 Sep 2017 16:59

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.3	73.9
268	66.9	52.6	78.8





#69

Phenanthrene

Concen: 19.363 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

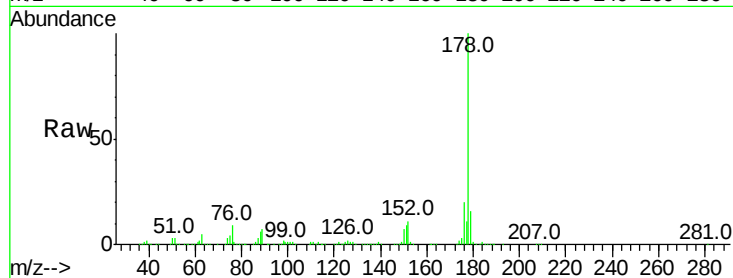
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1270697

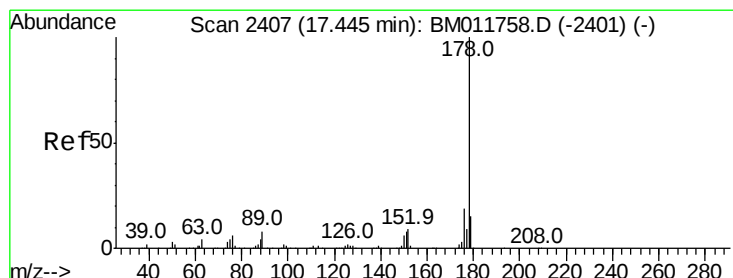
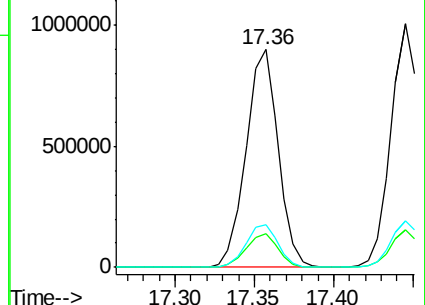
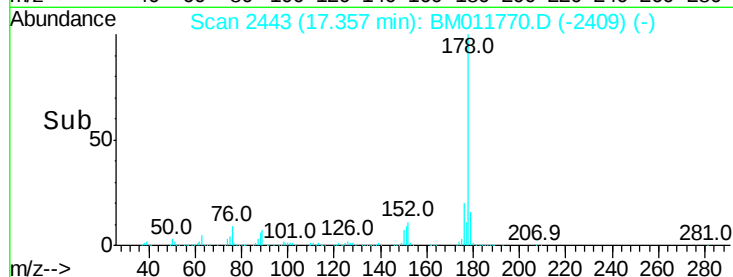
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.673 ng/ul

RT: 17.45 min Scan# 2458

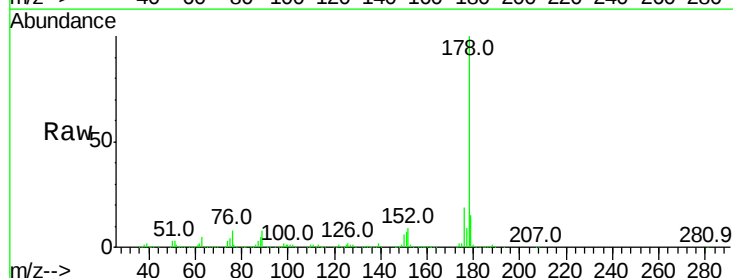
Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Tgt Ion:178 Resp: 1330195

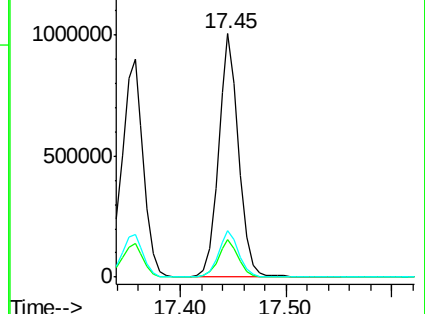
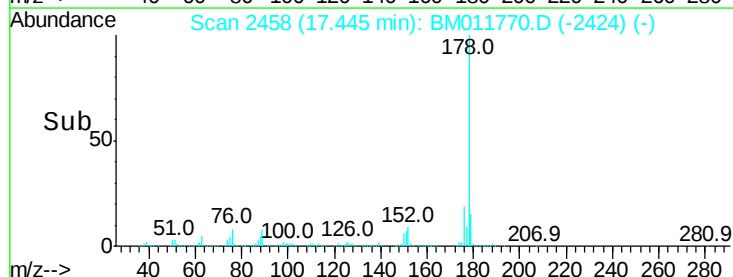
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.0	14.6	21.8

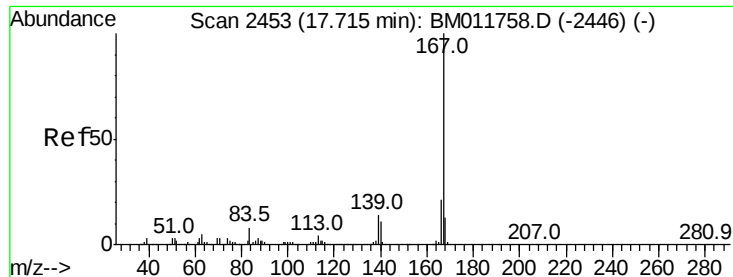


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



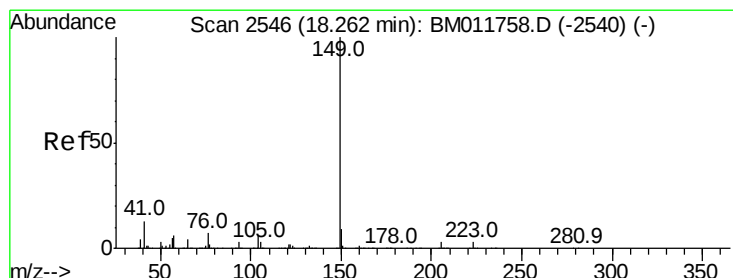
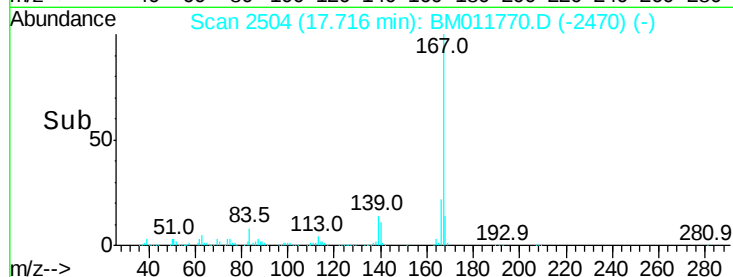
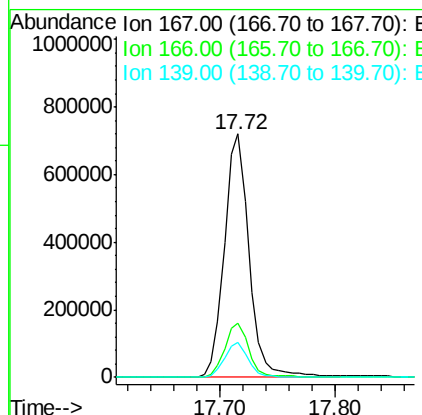
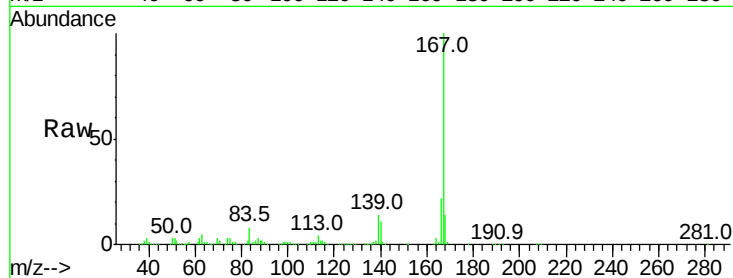


#72
 Carbazole
 Concen: 18.114 ng/ul
 RT: 17.72 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1072954

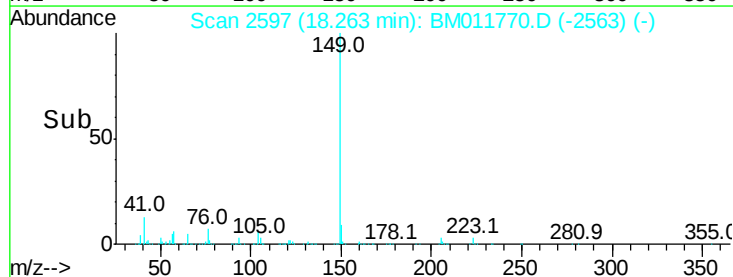
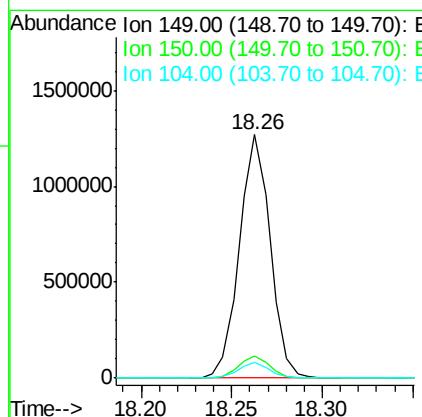
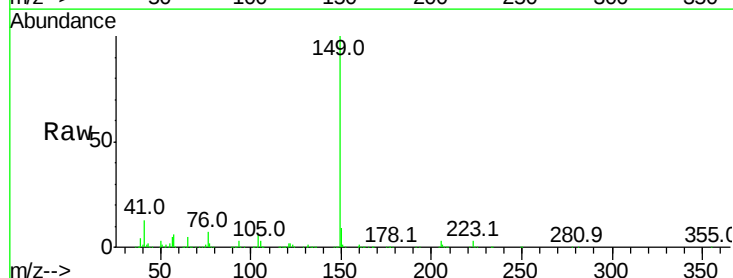
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	14.3	10.0	15.0

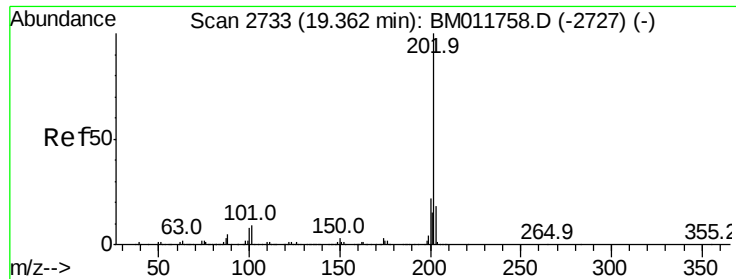


#73
 Di-n-butylphthalate
 Concen: 19.659 ng/ul
 RT: 18.26 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion:149 Resp: 1499752

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	6.4	5.6	8.4

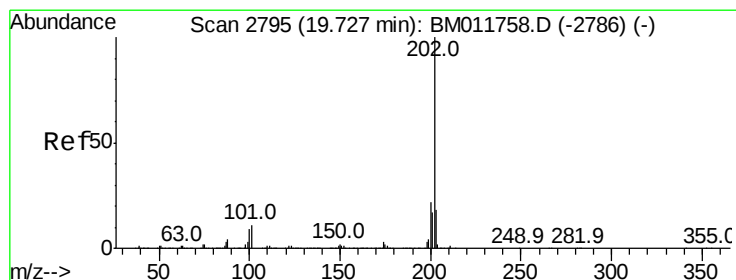
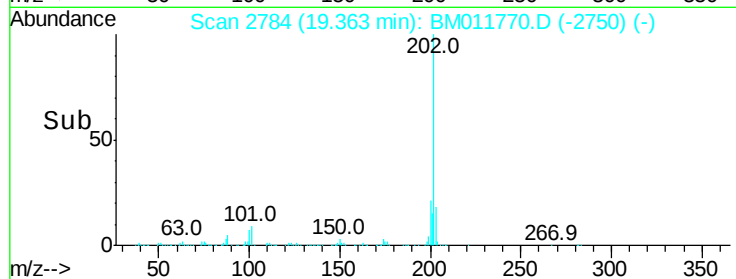
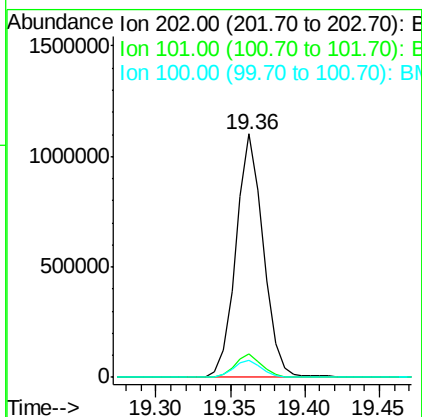
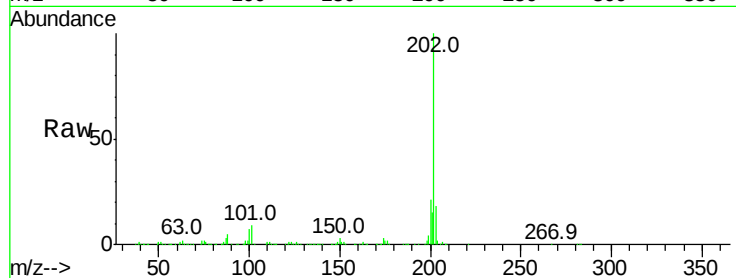




#74
 Fluoranthene
 Concen: 17.527 ng/ul
 RT: 19.36 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

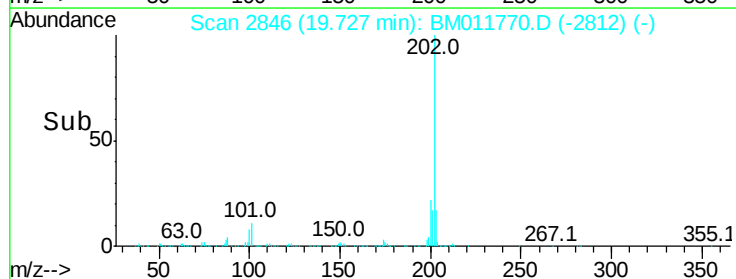
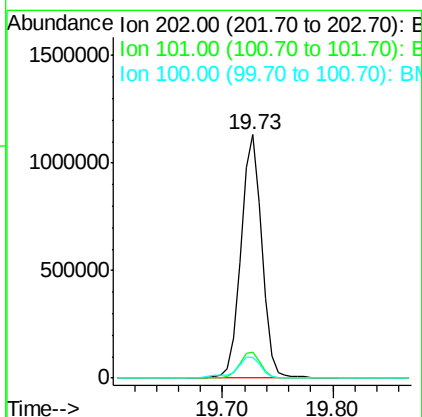
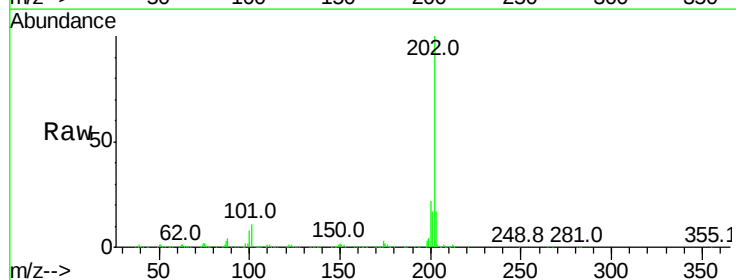
Instrument :
 BNA_M
 ClientSampled :

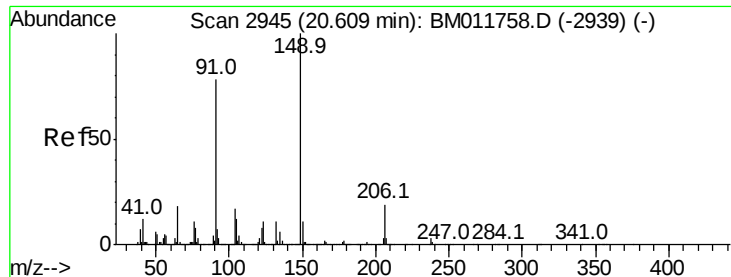
Tot Ion:202 Resp: 1404303
 Ion Ratio Lower Upper
 202 100
 101 9.4 4.6 7.0#
 100 7.2 3.4 5.2#



#77
 Pyrene
 Concen: 25.592 ng/ul
 RT: 19.73 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BM011770.D
 Acq: 29 Sep 2017 16:59

Tgt Ion:202 Resp: 1503139
 Ion Ratio Lower Upper
 202 100
 101 10.6 5.1 7.7#
 100 8.3 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 26.025 ng/ul

RT: 20.60 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

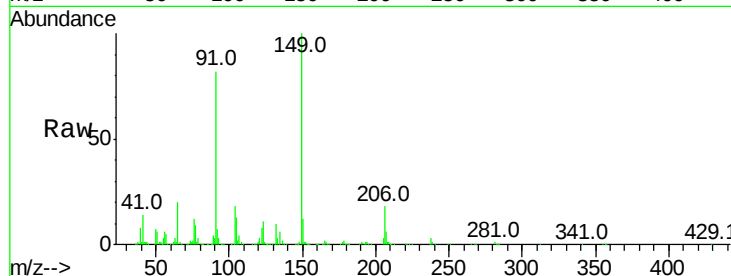
Tot Ion:149 Resp: 638903

Ion Ratio Lower Upper

149 100

91 81.8 62.7 94.1

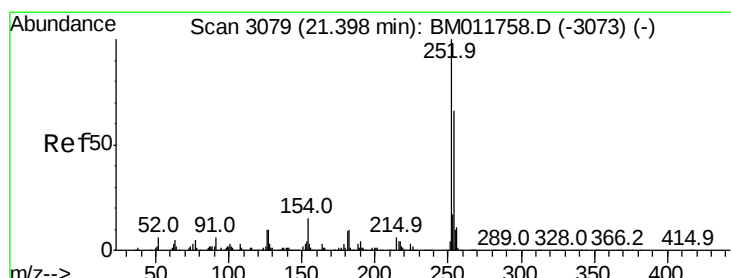
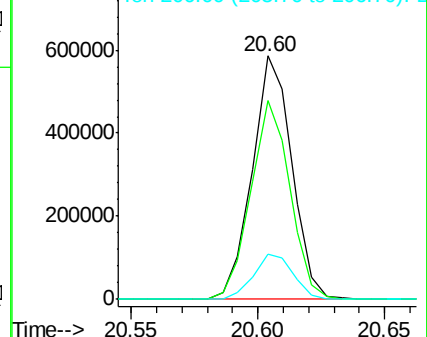
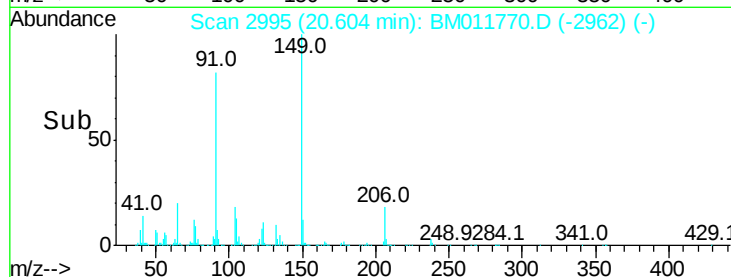
206 18.3 20.8 31.2#



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



#79

3,3'-Dichlorobenzidine

Concen: 16.318 ng/ul

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

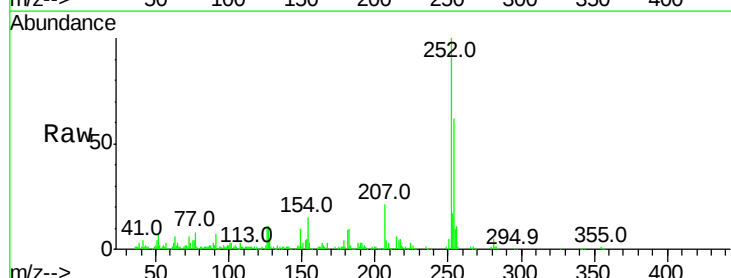
Tgt Ion:252 Resp: 305806

Ion Ratio Lower Upper

252 100

254 61.9 54.5 81.7

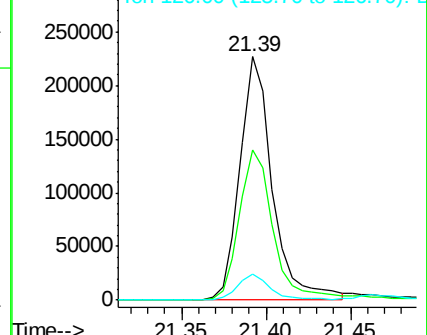
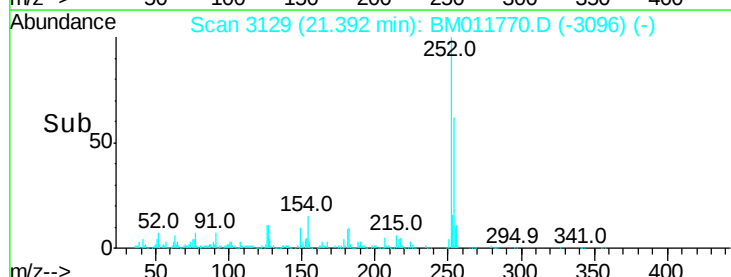
126 10.6 5.8 8.8#

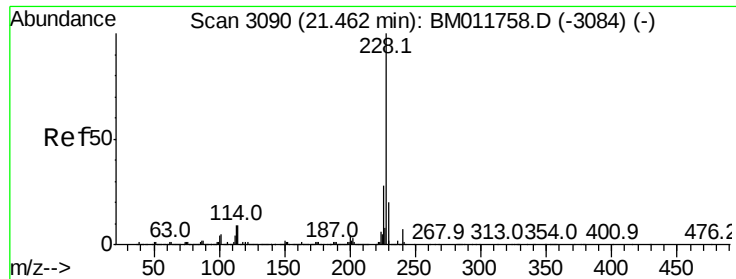


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 21.160 ng/ul

RT: 21.46 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

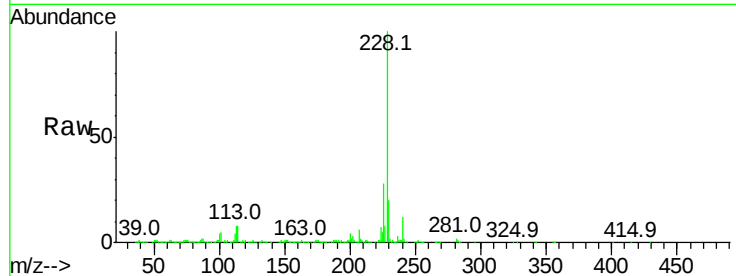
Tot Ion:228 Resp: 1166777

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	28.0	21.4	32.0

228 100

229 20.1 15.4 23.0

226 28.0 21.4 32.0

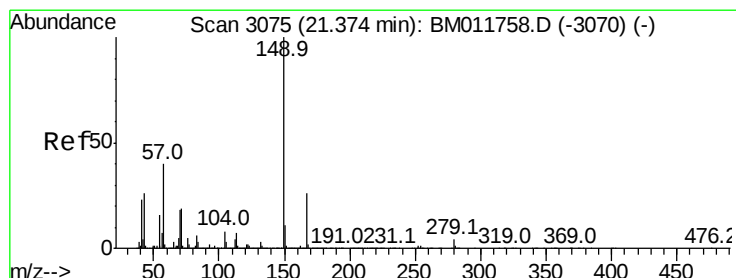
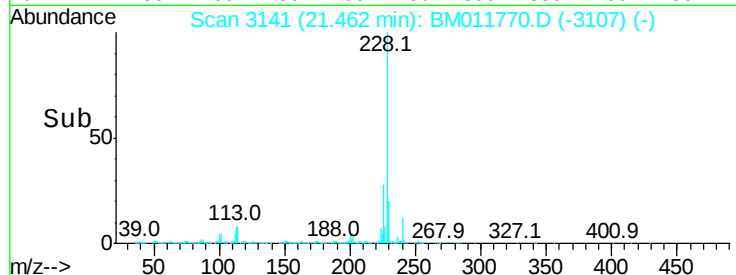
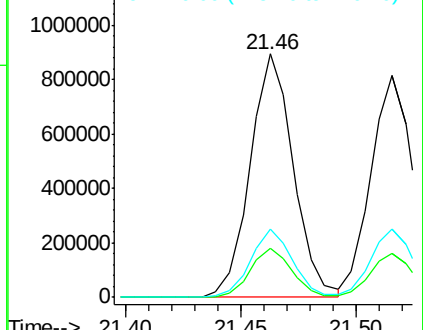


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 25.229 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

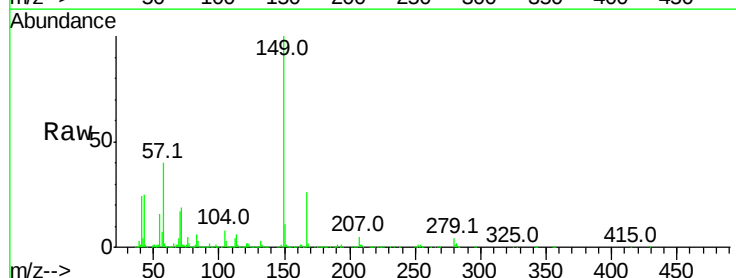
Tgt Ion:149 Resp: 924490

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.8	34.2
279	3.8	4.9	7.3#

149 100

167 25.6 22.8 34.2

279 3.8 4.9 7.3#

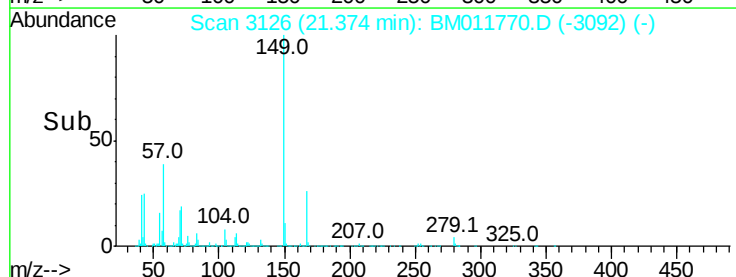
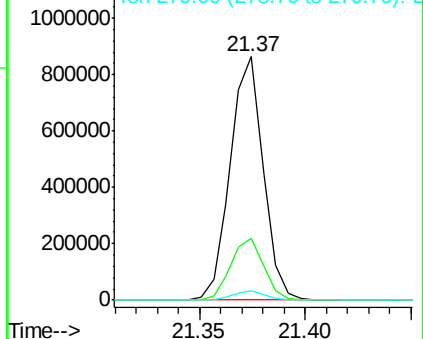


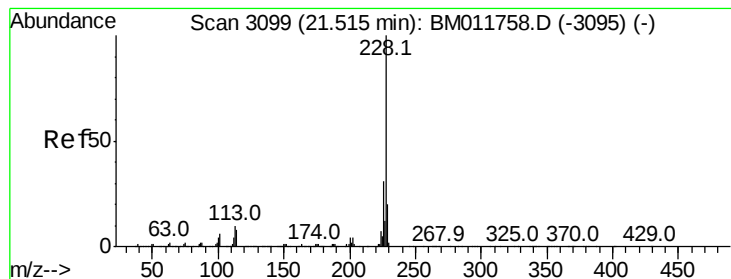
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.625 ng/ul

RT: 21.52 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

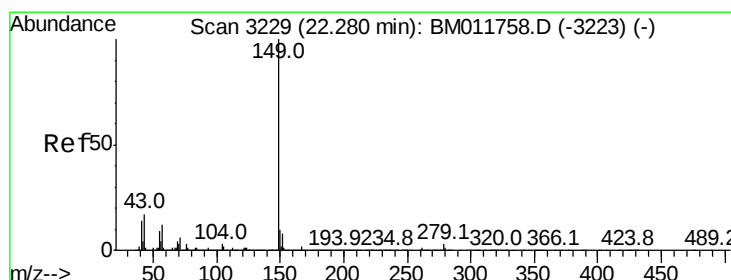
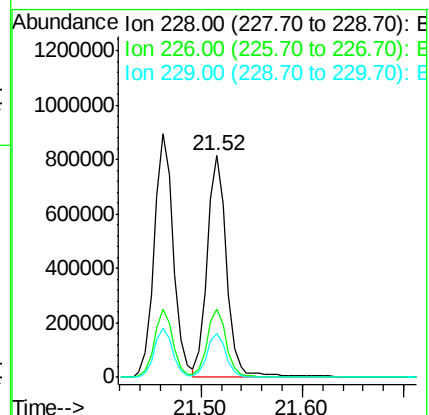
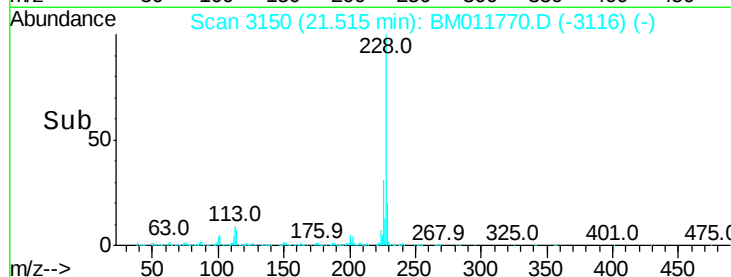
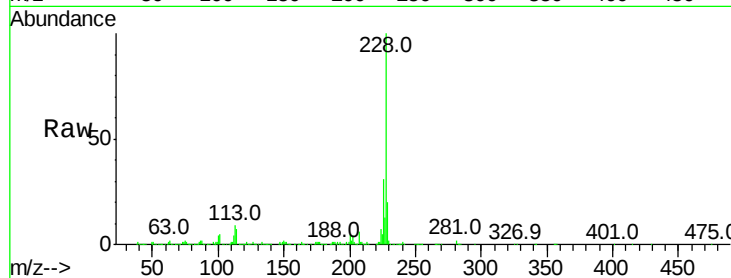
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1072659

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	19.8	15.5	23.3



#84

Di-n-octyl phthalate

Concen: 24.479 ng/ul

RT: 22.28 min Scan# 3280

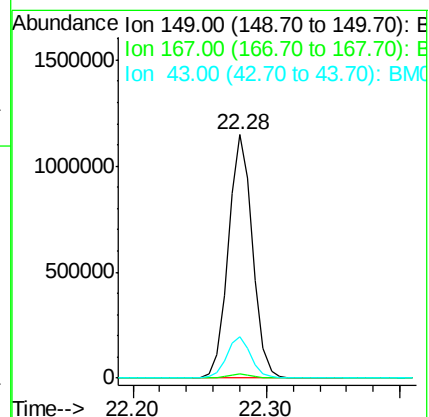
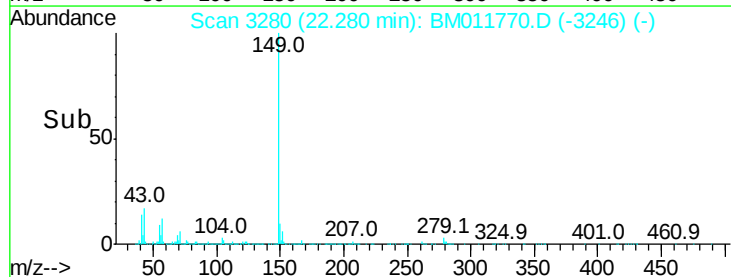
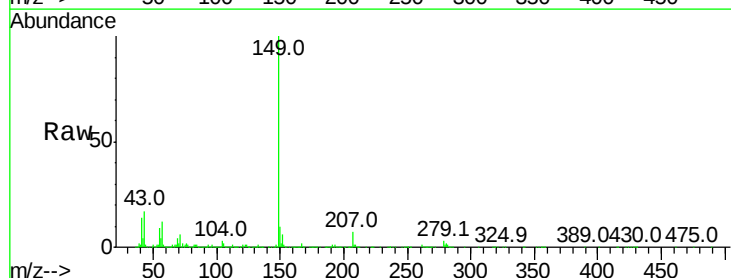
Delta R.T. 0.00 min

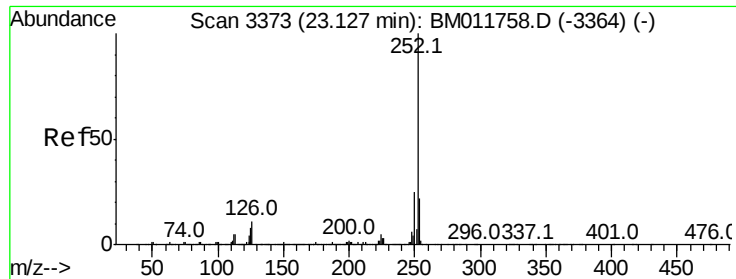
Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Tgt Ion:149 Resp: 1455999

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	17.1	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 20.281 ng/ul

RT: 23.12 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

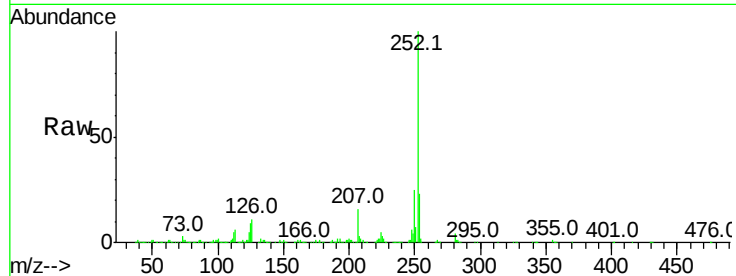
Tot Ion:252 Resp: 920910

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

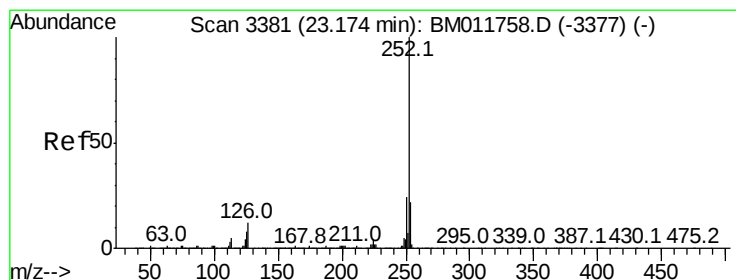
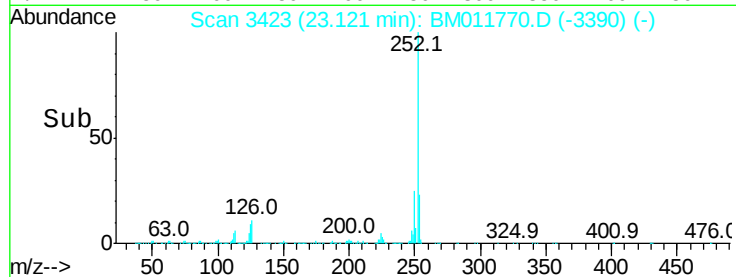
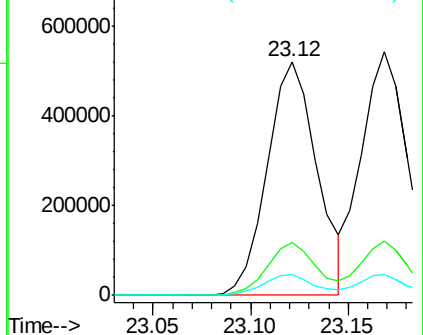
125 8.7 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 19.587 ng/ul

RT: 23.17 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

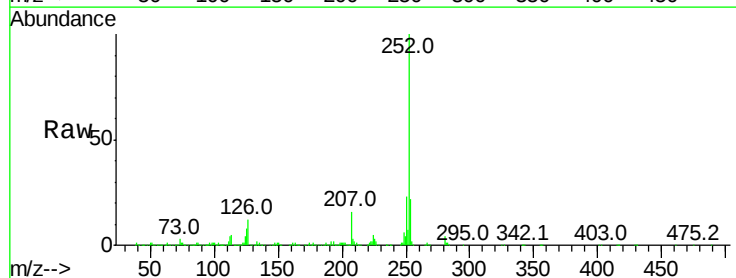
Tgt Ion:252 Resp: 907322

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

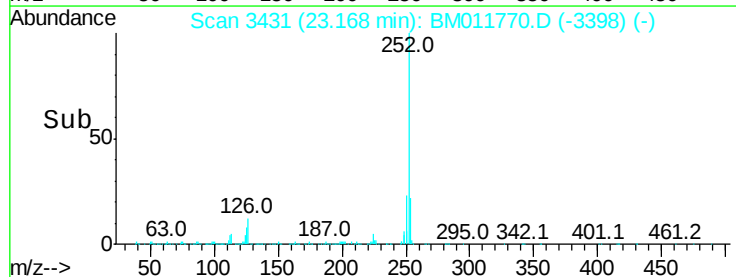
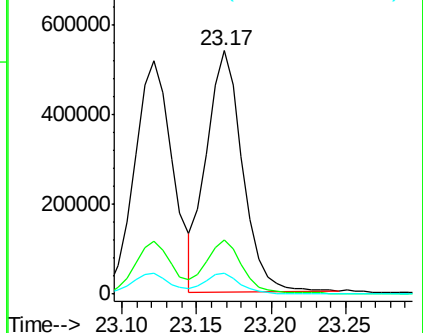
125 8.5 3.4 5.2#

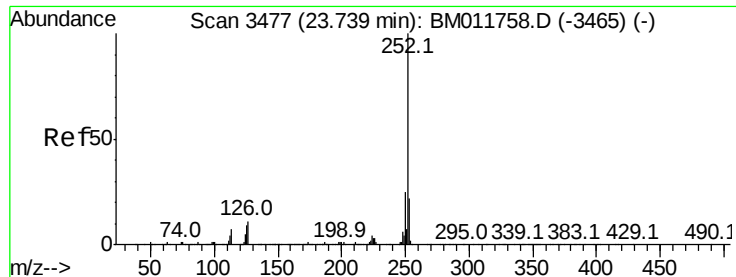


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.883 ng/ul

RT: 23.73 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

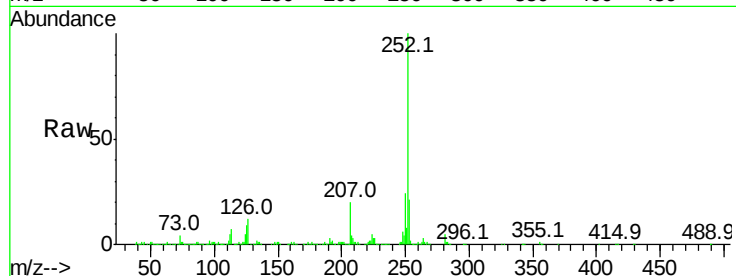
Tot Ion:252 Resp: 871991

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

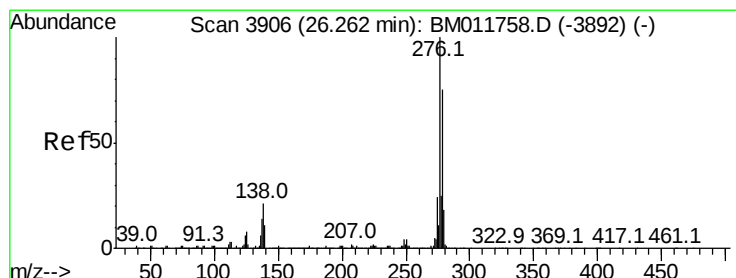
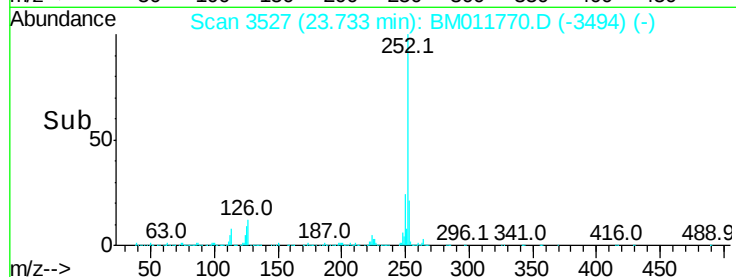
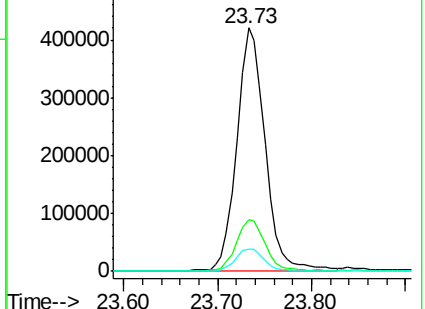
125 9.3 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.083 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.00 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

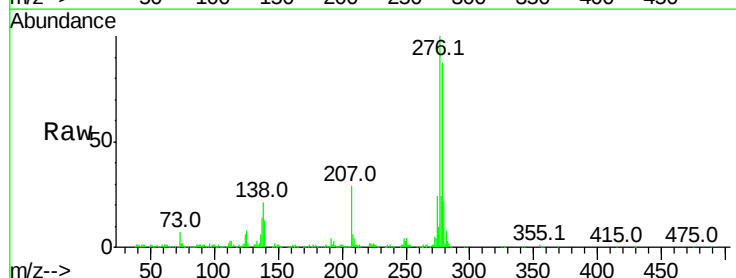
Tgt Ion:276 Resp: 962701

Ion Ratio Lower Upper

276 100

138 21.0 9.3 13.9#

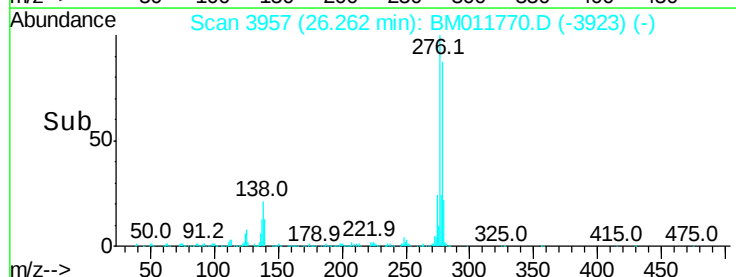
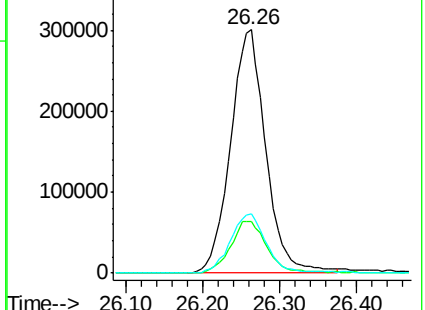
277 24.4 19.9 29.9

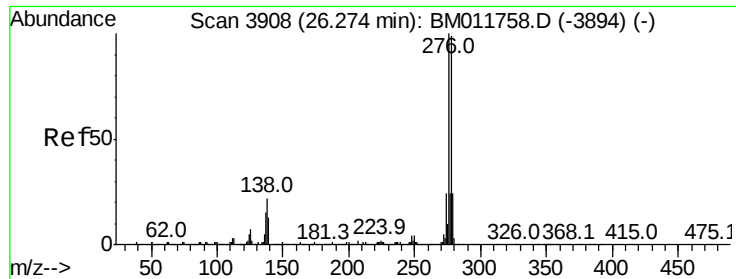


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 21.101 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

Instrument :

BNA_M

ClientSampleId :

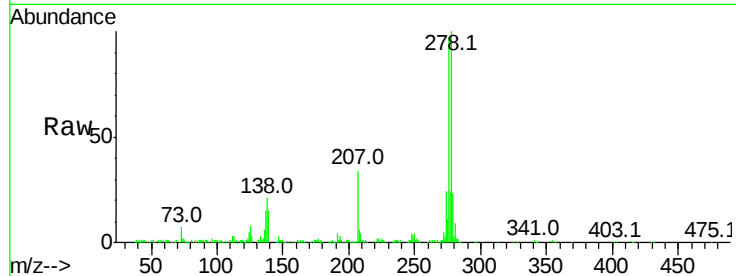
Tot Ion:278 Resp: 806950

Ion Ratio Lower Upper

278 100

139 14.6 5.8 8.8#

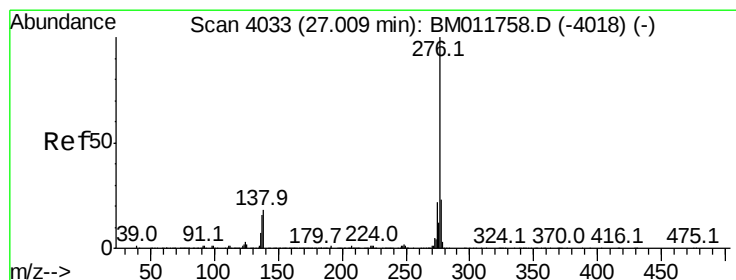
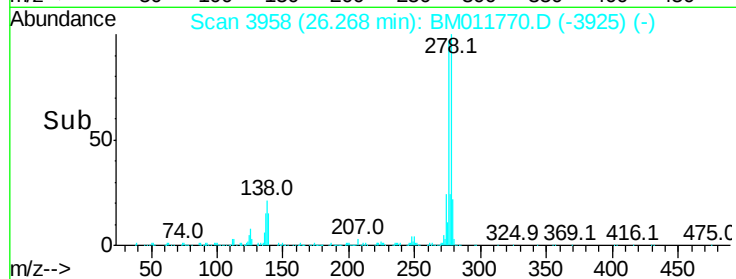
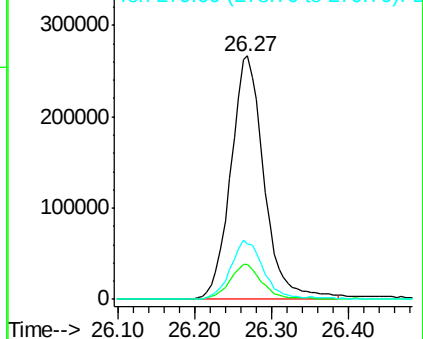
279 22.5 18.6 27.8



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: 21.601 ng/ul

RT: 27.00 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BM011770.D

Acq: 29 Sep 2017 16:59

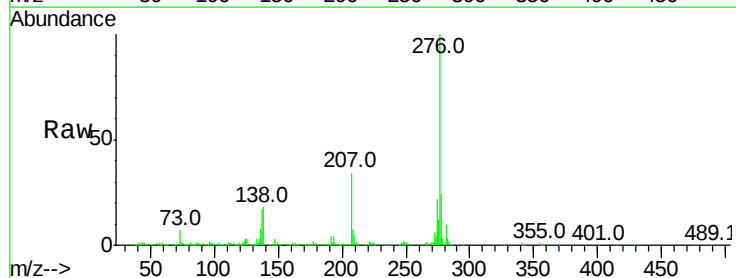
Tgt Ion:276 Resp: 818697

Ion Ratio Lower Upper

276 100

138 17.6 8.5 12.7#

277 24.1 18.6 28.0



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

