

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
 Data File : BM013748.D
 Acq On : 24 Jan 2018 02:13
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 03:47:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 03:42:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	145503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	561775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	330856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	776676	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	868700	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	840217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	21752	5.91	ng/uL	0.00
5) Phenol-d5	6.79	99	218530	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	125087	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	182668	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	173735	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	90873	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	100358	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	188645	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	191893	24.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	537653	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	713004	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	84717	19.12	ng/ul	0.00
57) Fluorene-d10	15.26	176	483723	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	81823	17.50	ng/ul	0.00
70) Anthracene-d10	17.11	188	771667	20.40	ng/ul	0.00
76) Pyrene-d10	19.42	212	861217	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	806691	20.89	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	23768	5.894	ng/uL# 65
4) Benzaldehyde	6.76	77	153869	19.905	ng/ul 91
6) Phenol	6.82	94	219208	19.566	ng/ul 88
8) Bis(2-Chloroethyl)ether	7.05	93	172611	19.689	ng/ul 95
10) 2-Chlorophenol	7.17	128	182352	20.102	ng/ul 95
11) 2-Methylphenol	8.06	108	161870	19.600	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	166124	18.623	ng/ul# 76
14) Acetophenone	8.43	105	278547	19.602	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.42	70	135091	19.486	ng/ul# 69
16) 4-Methylphenol	8.38	108	173695	19.670	ng/ul 94
17) Hexachloroethane	8.67	117	83060	18.811	ng/ul# 71
20) Nitrobenzene	8.80	77	219437	19.487	ng/ul 94
21) Isophorone	9.33	82	352497	19.374	ng/ul# 92
23) 2-Nitrophenol	9.51	139	103817	21.627	ng/ul# 85
24) 2,4-Dimethylphenol	9.57	107	205723	20.327	ng/ul# 85
25) Bis(2-Chloroethoxy)methane	9.81	93	216171	19.489	ng/ul 95
27) 2,4-Dichlorophenol	10.04	162	178702	20.839	ng/ul# 92
28) Naphthalene	10.43	128	583857	20.891	ng/ul 99
30) 4-Chloroaniline	10.56	127	198125	25.881	ng/ul 97
31) Hexachlorobutadiene	10.71	225	136087	19.333	ng/ul 96
32) Caprolactam	11.33	113	40898	17.144	ng/ul# 22
33) 4-Chloro-3-methylphenol	11.69	107	179867	20.691	ng/ul 94
34) 2-Methylnaphthalene	12.05	142	426240	20.456	ng/ul 94

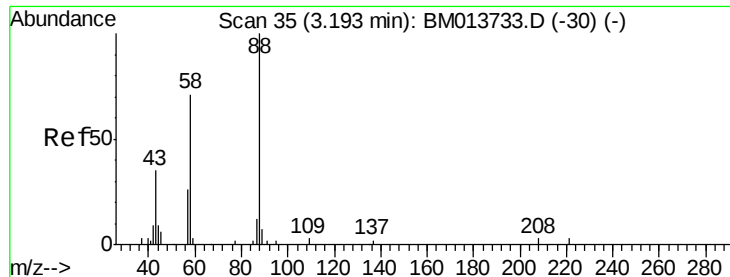
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	249333	20.338	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	63919	12.559	ng/ul	97
38) 2,4,6-Trichlorophenol	12.68	196	150603	21.223	ng/ul	93
39) 2,4,5-Trichlorophenol	12.76	196	162767	22.043	ng/ul	94
40) 1,1'-Biphenyl	13.09	154	558009	20.262	ng/ul	96
41) 2-Chloronaphthalene	13.13	162	448298	20.823	ng/ul	99
42) 2-Nitroaniline	13.35	65	120750	20.333	ng/ul	93
44) Dimethylphthalate	13.72	163	546463	20.382	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	105049	20.219	ng/ul#	96
47) Acenaphthylene	13.97	152	652851	20.520	ng/ul	96
48) 3-Nitroaniline	14.19	138	97470	23.854	ng/ul	79
49) Acenaphthene	14.32	153	447304	20.300	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	39755	13.348	ng/ul	97
52) 4-Nitrophenol	14.50	109	84237	18.712	ng/ul#	76
53) Dibenzofuran	14.66	168	657281	19.828	ng/ul	97
54) 2,4-Dinitrotoluene	14.64	165	159517	21.062	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	144936	20.868	ng/ul#	90
56) Diethylphthalate	15.10	149	533993	19.791	ng/ul	97
58) Fluorene	15.32	166	543823	20.028	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	292910	19.963	ng/ul	95
60) 4-Nitroaniline	15.35	138	99036	20.715	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.41	198	83842	16.991	ng/ul#	93
64) N-Nitrosodiphenylamine	15.53	169	464209	20.322	ng/ul	94
65) 4-Bromophenyl-phenylether	16.21	248	184961	20.163	ng/ul	95
66) Hexachlorobenzene	16.32	284	198304	20.083	ng/ul#	89
67) Atrazine	16.49	200	183773	20.157	ng/ul	93
68) Pentachlorophenol	16.67	266	102475	19.530	ng/ul	97
69) Phenanthrene	17.06	178	874759	20.262	ng/ul	98
71) Anthracene	17.14	178	917910	20.613	ng/ul	98
72) Carbazole	17.42	167	755820	20.562	ng/ul	98
73) Di-n-butylphthalate	17.99	149	858995	19.870	ng/ul	99
74) Fluoranthene	19.08	202	1052416	20.422	ng/ul#	95
77) Pyrene	19.44	202	1097911	20.790	ng/ul#	96
78) Butylbenzylphthalate	20.36	149	396548	21.316	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	336830	23.438	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	1099579	20.948	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.13	149	567555	20.334	ng/ul#	98
82) Chrysene	21.25	228	973513	20.217	ng/ul	100
84) Di-n-octyl phthalate	22.00	149	958709	18.934	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	1076706	20.867	ng/ul#	96
86) Benzo(k)fluoranthene	22.80	252	1021916	20.490	ng/ul#	98
88) Benzo(a)pyrene	23.31	252	1006187	20.642	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.61	276	1147780	19.947	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.61	278	987228	20.317	ng/ul#	97
91) Benzo(g,h,i)perylene	26.28	276	958518	20.240	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 5.894 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. -0.00 min

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ClientSampleId :

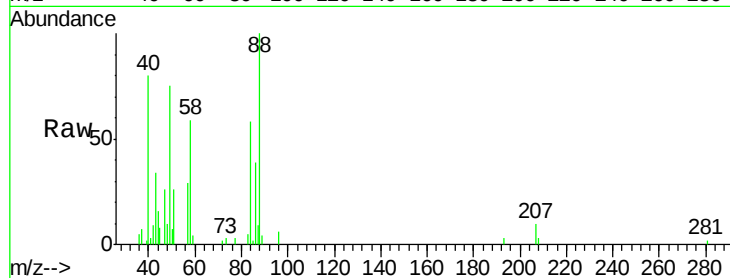
Tot Ion: 88 Resp: 23768

Ion Ratio Lower Upper

88 100

43 35.9 48.0 72.0#

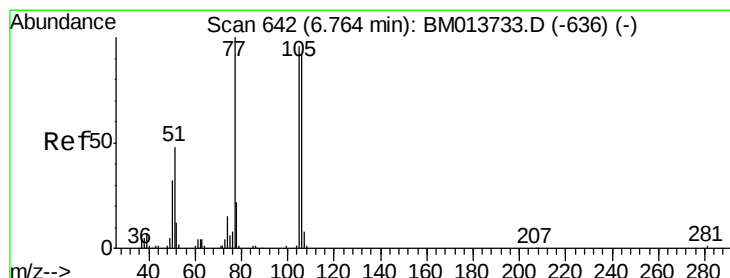
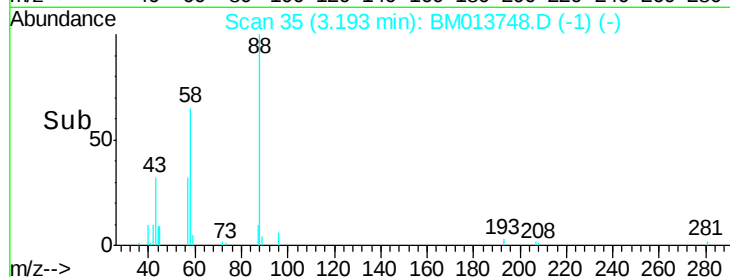
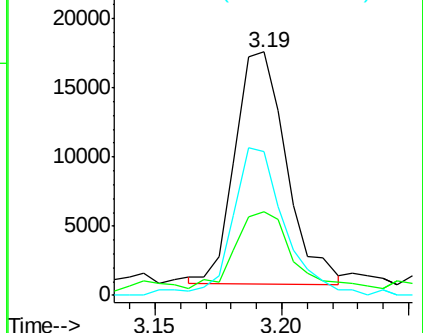
58 62.8 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013733.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM013733.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM013733.D (-30) (-)



#4

Benzaldehyde

Concen: 19.905 ng/uL

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

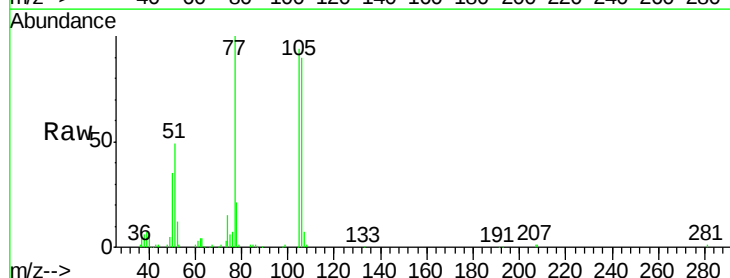
Tgt Ion: 77 Resp: 153869

Ion Ratio Lower Upper

77 100

105 94.4 66.1 99.1

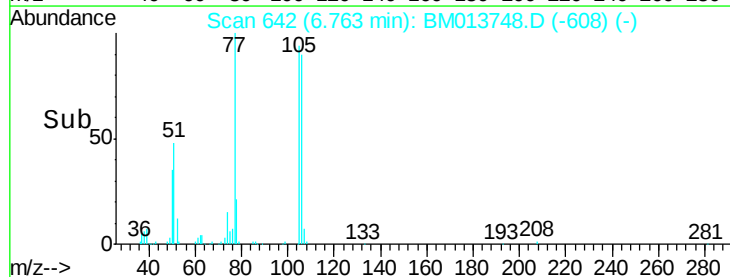
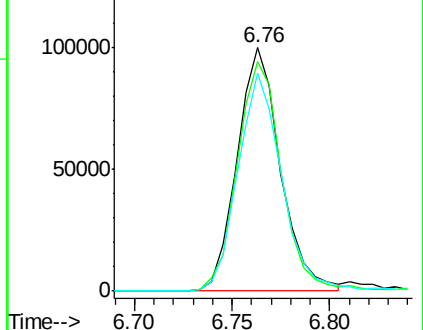
106 89.8 67.8 101.6

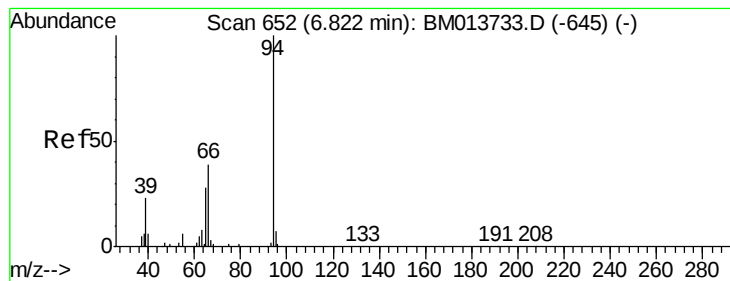


Abundance Ion 77.00 (76.70 to 77.70): BM013733.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013733.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013733.D (-636) (-)





#6

Phenol

Concen: 19.566 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

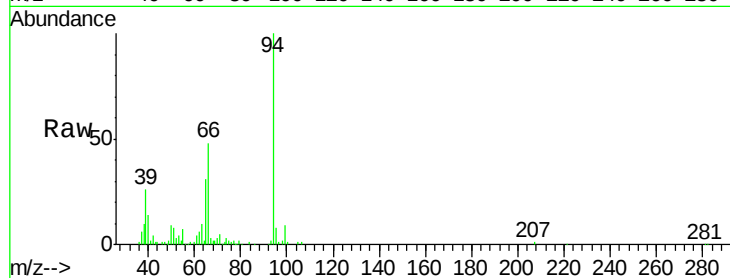
Tot Ion: 94 Resp: 219208

Ion Ratio Lower Upper

94 100

65 31.1 28.2 42.4

66 48.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013733.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM013733.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM013733.D (-645) (-)

6.82

150000

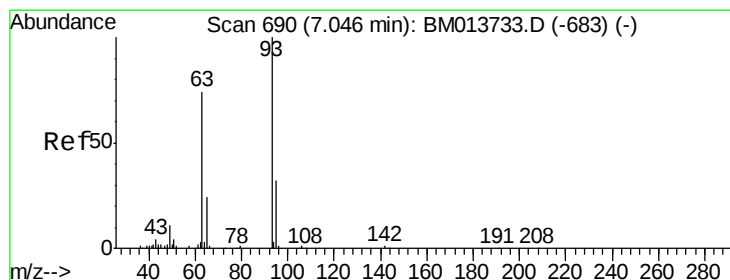
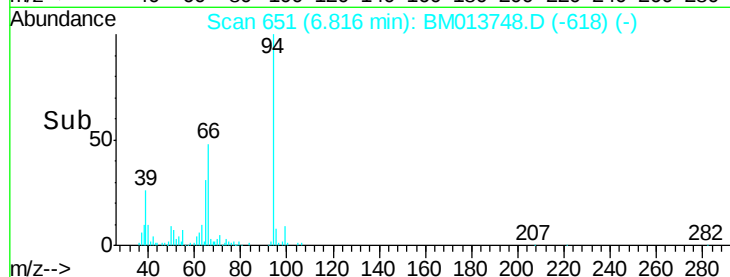
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.689 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

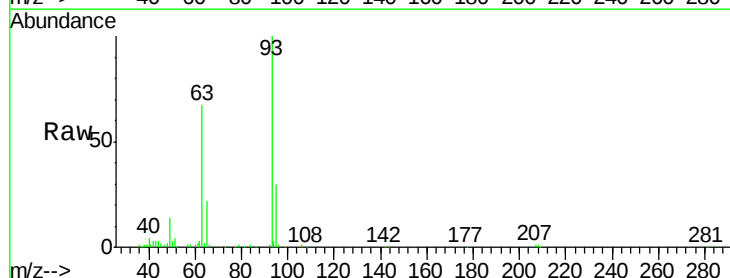
Tgt Ion: 93 Resp: 172611

Ion Ratio Lower Upper

93 100

63 67.1 57.3 85.9

95 30.2 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM013733.D (-683) (-)

Ion 63.00 (62.70 to 63.70): BM013733.D (-683) (-)

Ion 95.00 (94.70 to 95.70): BM013733.D (-683) (-)

7.05

150000

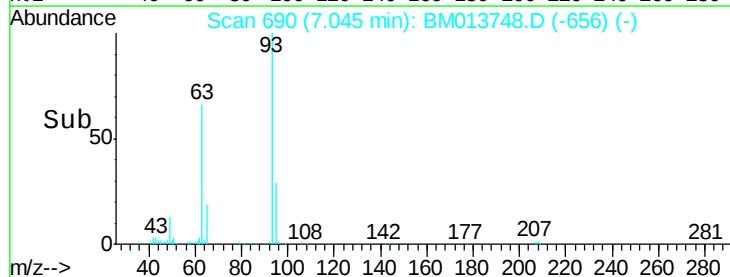
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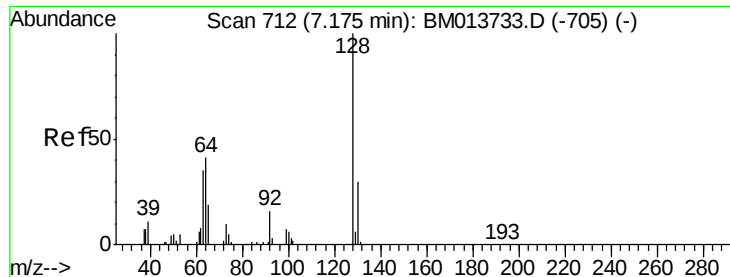
50000

0

7.00 7.05 7.10

Time-->

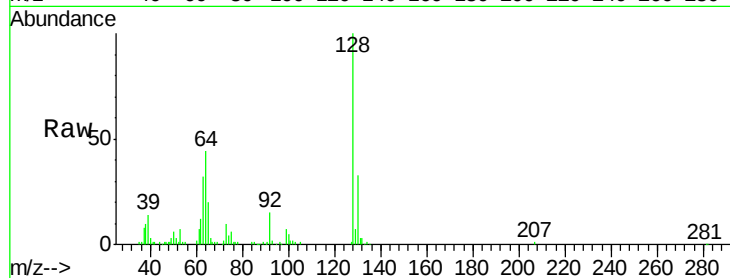




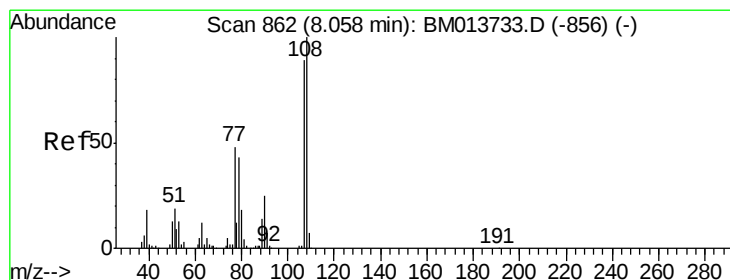
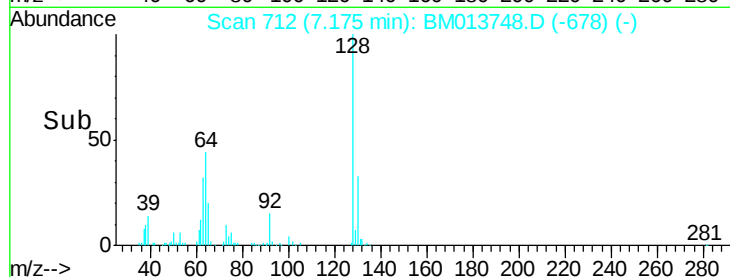
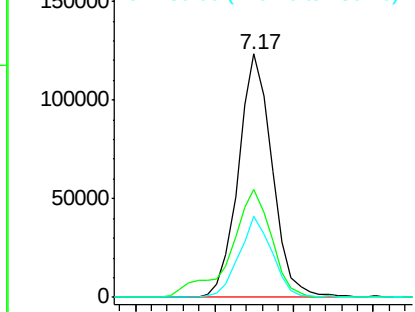
#10
2-Chlorophenol
Concen: 20.102 ng/ul
RT: 7.17 min Scan# 712
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
64	44.2	38.0	57.0
130	33.3	24.4	36.6

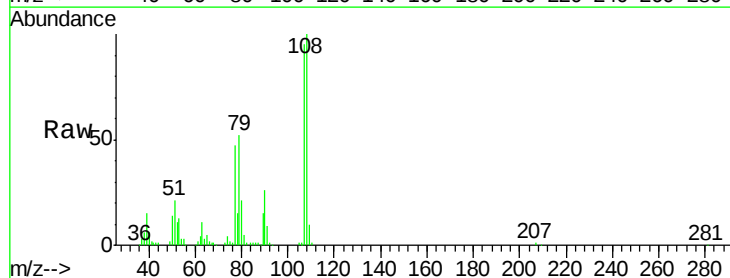


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

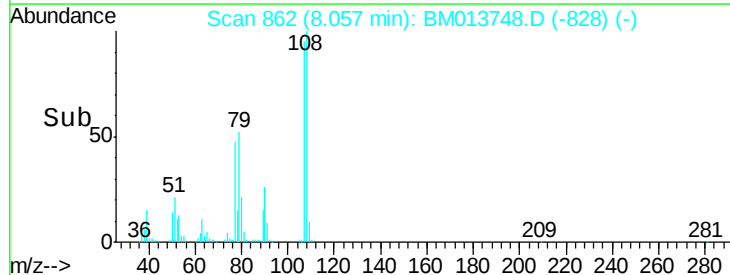
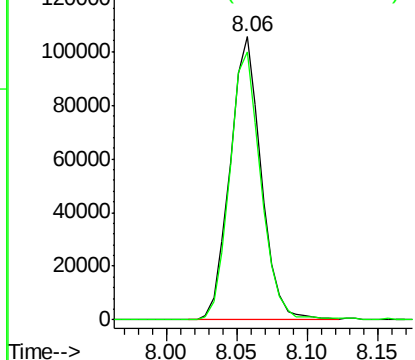


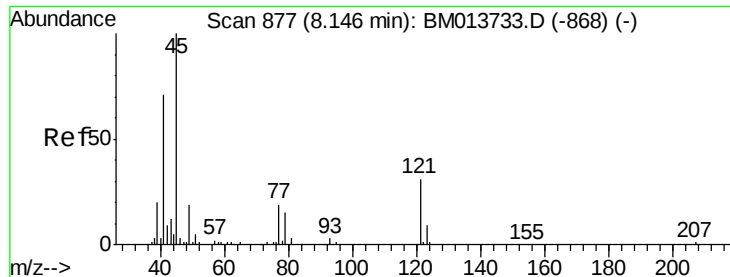
#11
2-Methylphenol
Concen: 19.600 ng/ul
RT: 8.06 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion	Ratio	Lower	Upper
108	100		
107	94.7	72.6	108.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

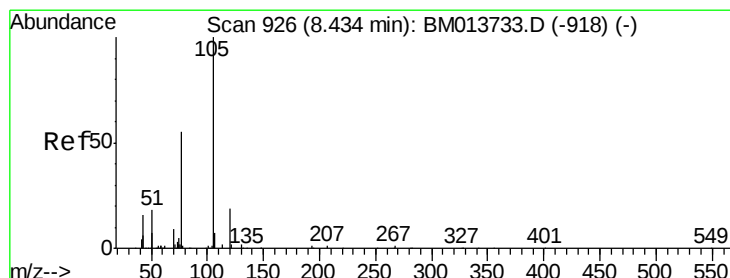
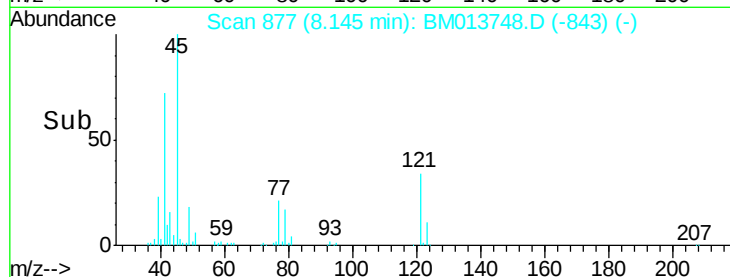
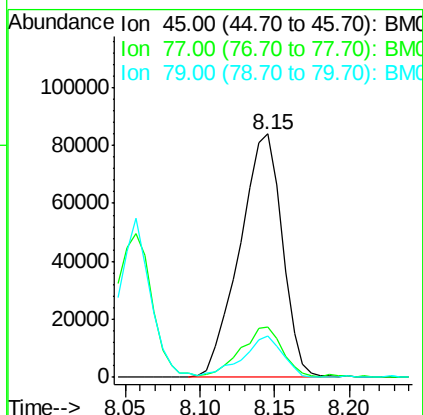
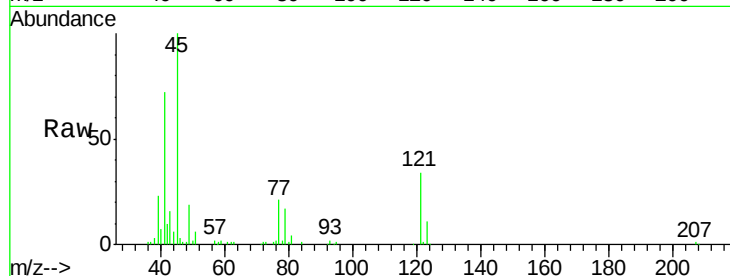




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.623 ng/ul
RT: 8.15 min Scan# 877
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

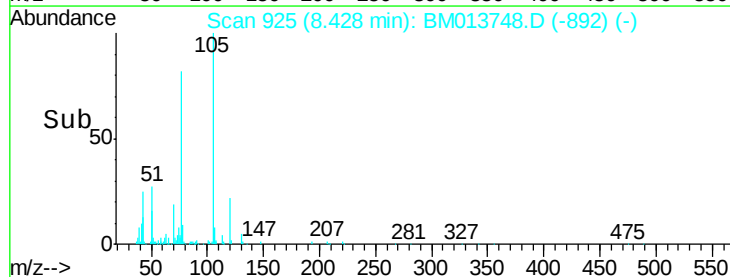
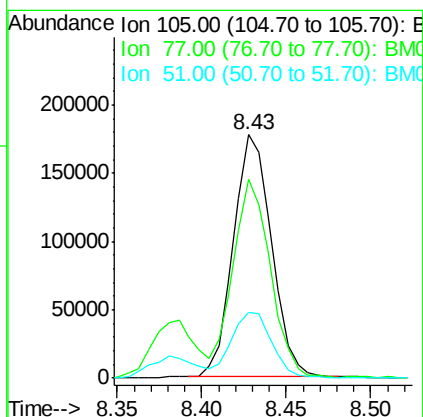
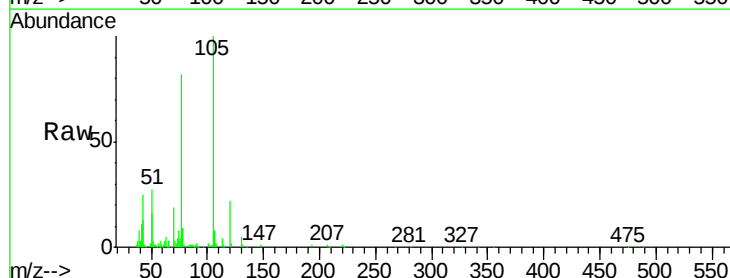
Instrument :
BNA_M
ClientSampled :

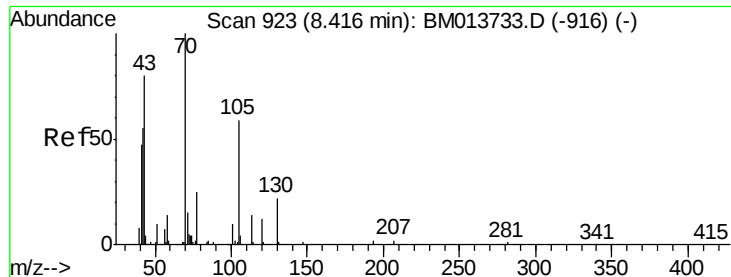
Tot Ion: 45 Resp: 166124
Ion Ratio Lower Upper
45 100
77 20.9 8.0 12.0#
79 17.0 8.0 12.0#



#14
Acetophenone
Concen: 19.602 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:105 Resp: 278547
Ion Ratio Lower Upper
105 100
77 81.5 74.2 111.4
51 27.2 23.4 35.2

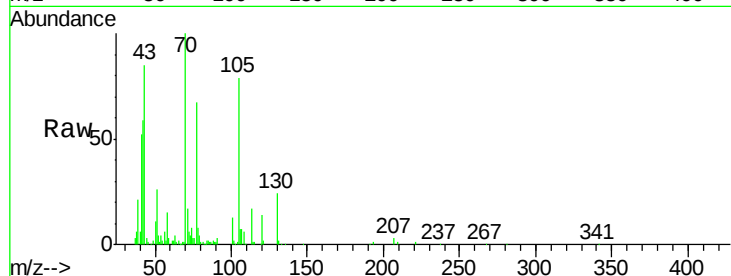




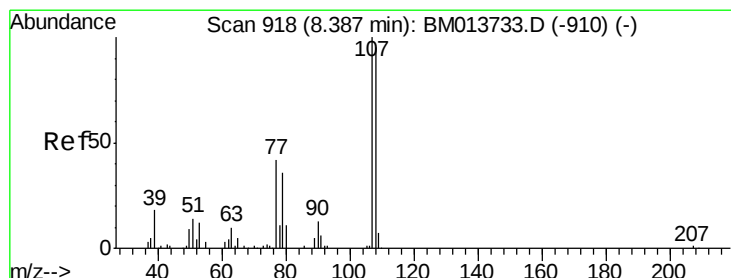
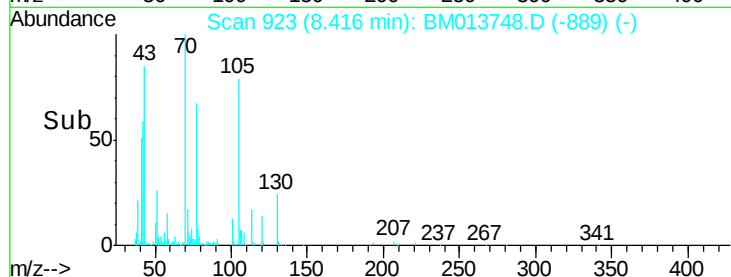
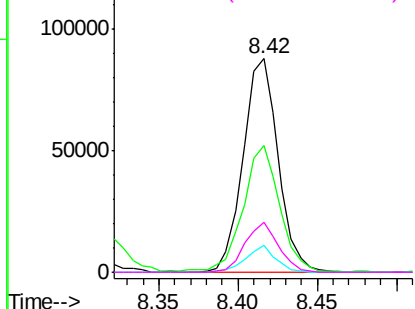
#15
N-Nitroso-di-n-propylamine
Concen: 19.486 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Instrument :
BNA_M
ClientSampled :

Tot Ion: 70 Resp: 135091
Ion Ratio Lower Upper
70 100
42 59.4 76.0 114.0#
101 12.6 6.7 10.1#
130 23.6 14.6 22.0#

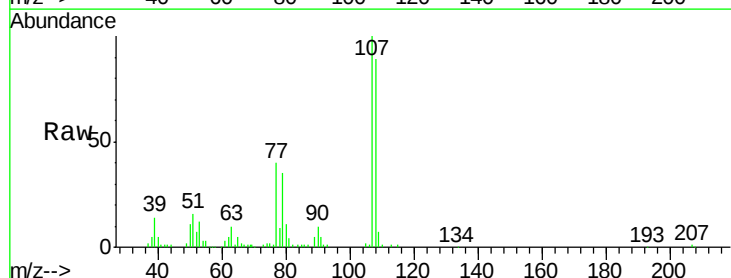


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

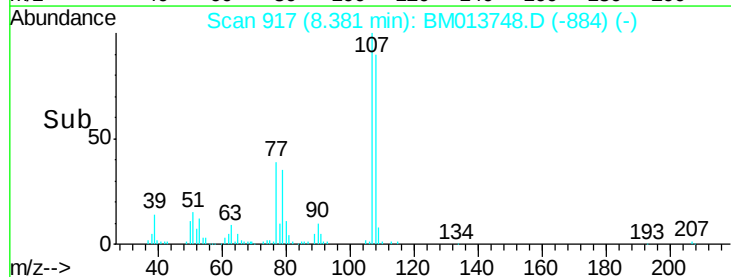
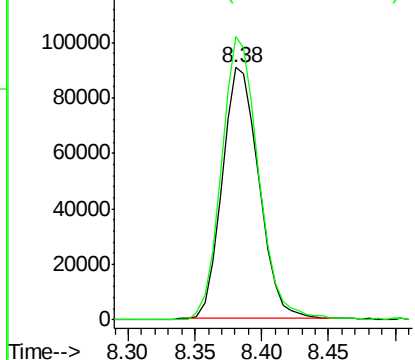


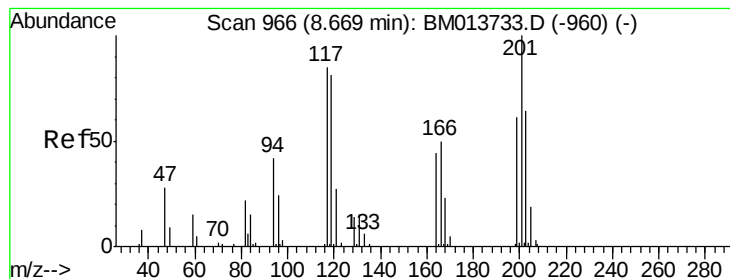
#16
4-Methylphenol
Concen: 19.670 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion: 108 Resp: 173695
Ion Ratio Lower Upper
108 100
107 112.1 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 18.811 ng/ul

RT: 8.67 min Scan# 966

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

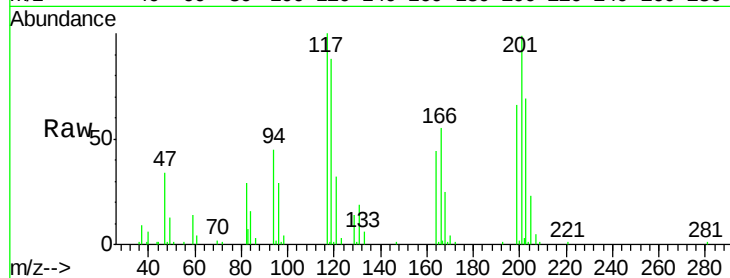
Tot Ion:117 Resp: 83060

Ion Ratio Lower Upper

117 100

201 99.0 111.6 167.4#

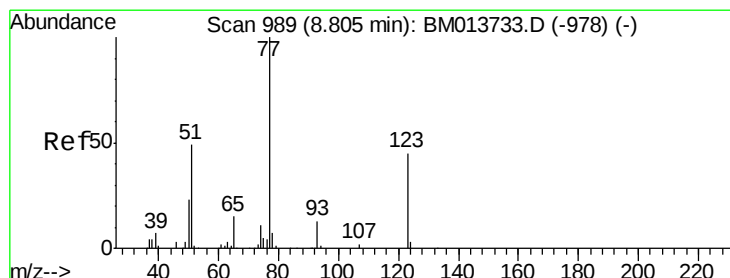
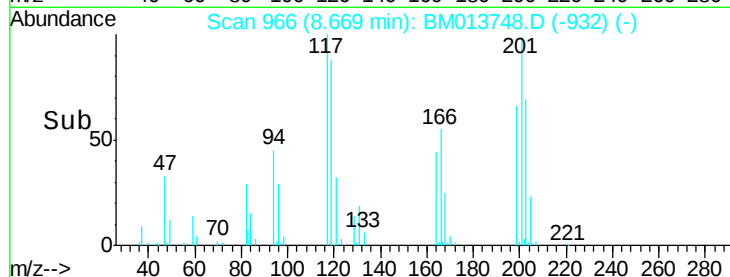
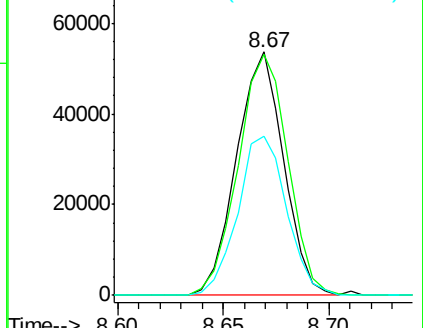
199 65.5 67.8 101.6#



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: 19.487 ng/ul

RT: 8.80 min Scan# 989

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

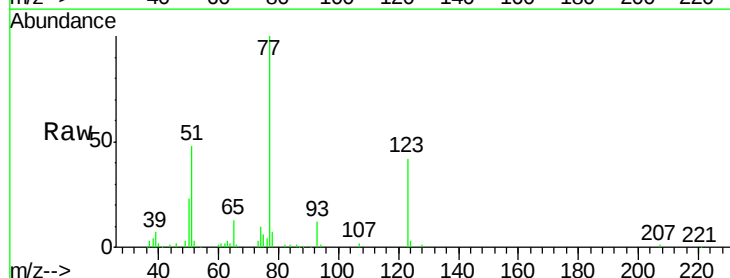
Tgt Ion: 77 Resp: 219437

Ion Ratio Lower Upper

77 100

123 42.1 31.0 46.6

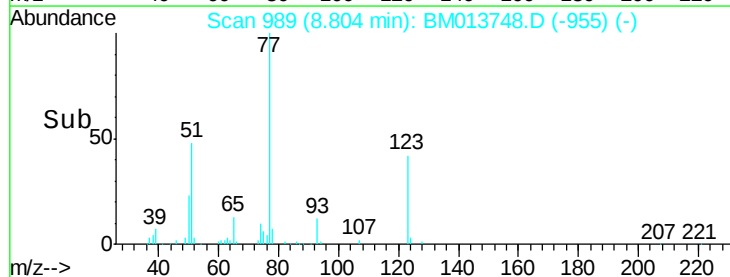
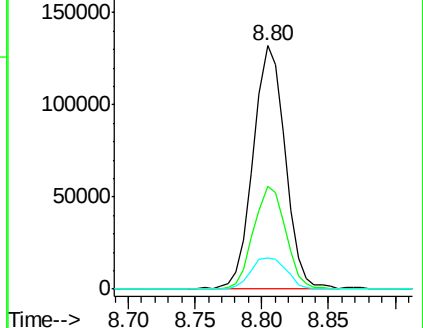
65 12.7 12.2 18.2

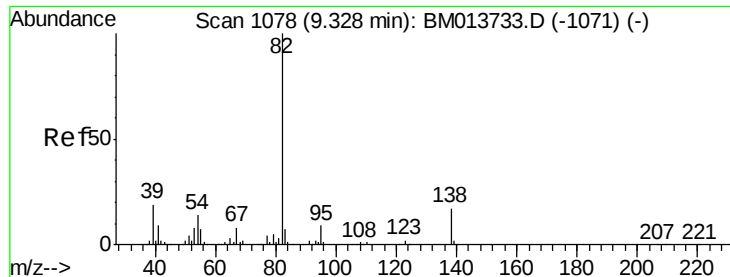


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.374 ng/ul

RT: 9.33 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampled :

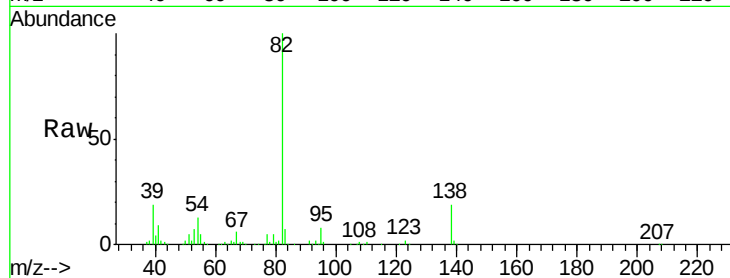
Tot Ion: 82 Resp: 352497

Ion Ratio Lower Upper

82 100

95 8.3 7.8 11.8

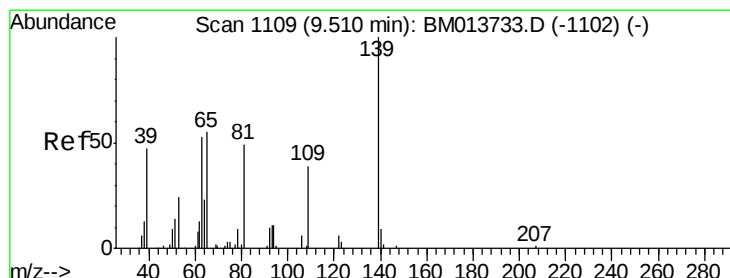
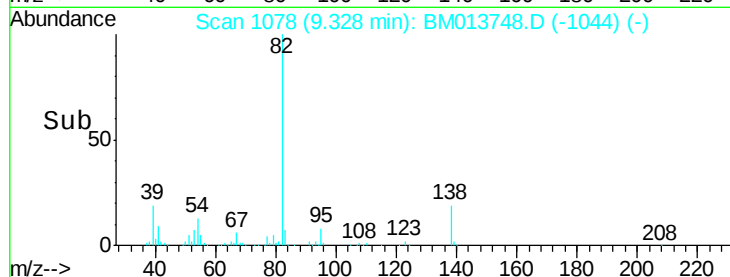
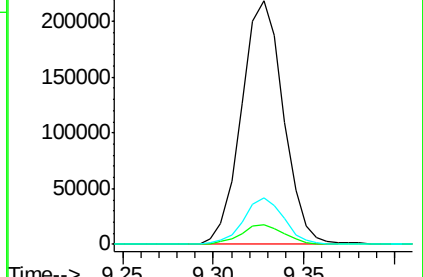
138 19.1 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013748.D (-1044) (-)

Ion 95.00 (94.70 to 95.70): BM013748.D (-1044) (-)

Ion 138.00 (137.70 to 138.70): BM013748.D (-1044) (-)



#23

2-Nitrophenol

Concen: 21.627 ng/ul

RT: 9.51 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

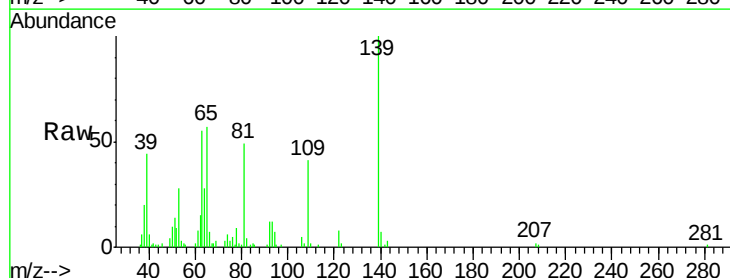
Tgt Ion: 139 Resp: 103817

Ion Ratio Lower Upper

139 100

65 57.4 55.4 83.0

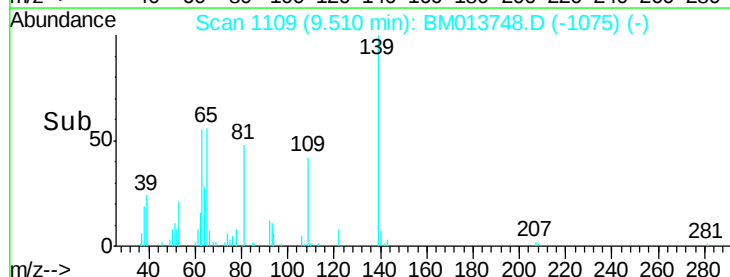
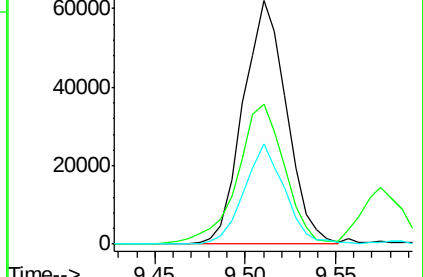
109 41.0 42.2 63.2#

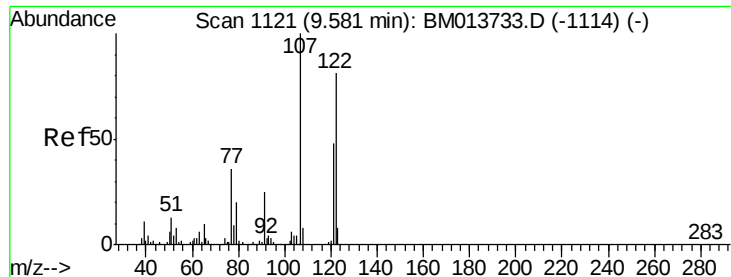


Abundance Ion 139.00 (138.70 to 139.70): BM013748.D (-1075) (-)

Ion 65.00 (64.70 to 65.70): BM013748.D (-1075) (-)

Ion 109.00 (108.70 to 109.70): BM013748.D (-1075) (-)

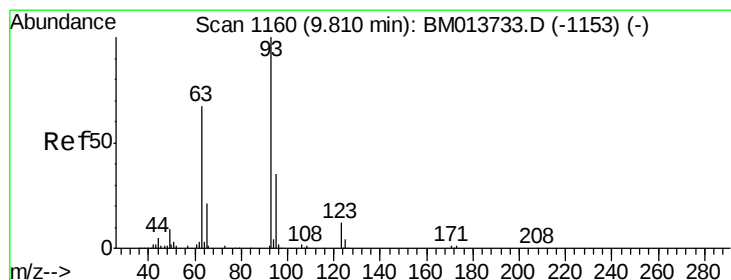
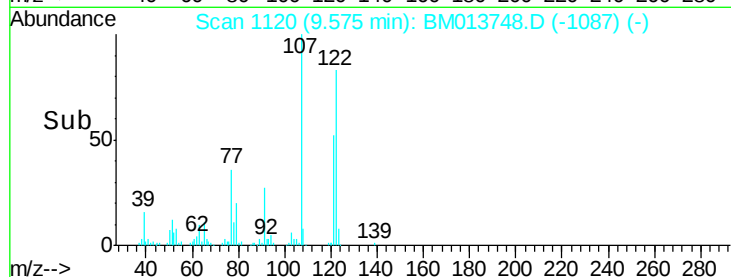
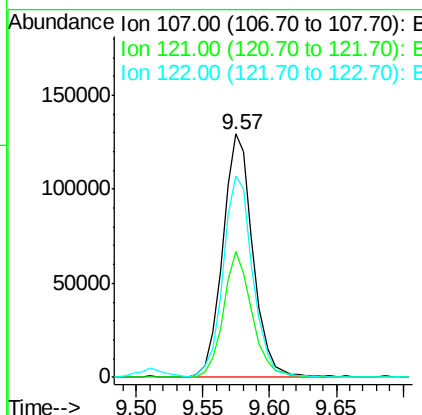
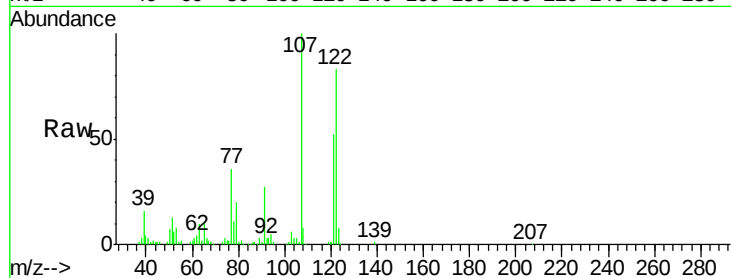




#24
 2,4-Dimethylphenol
 Concen: 20.327 ng/ul
 RT: 9.57 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

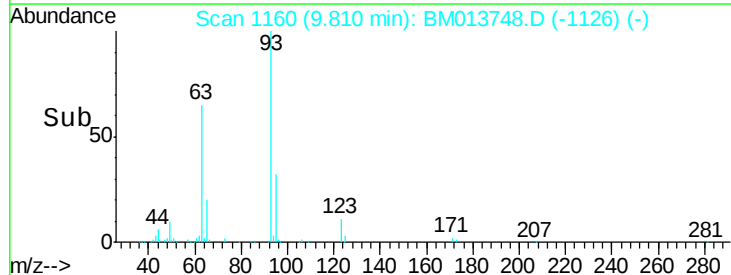
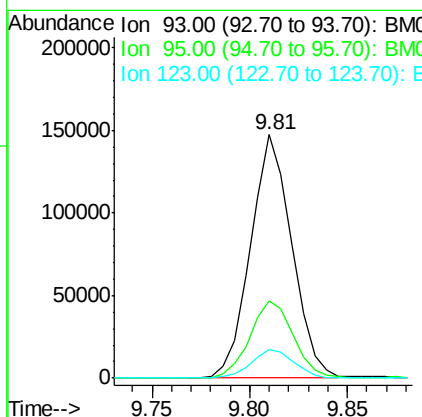
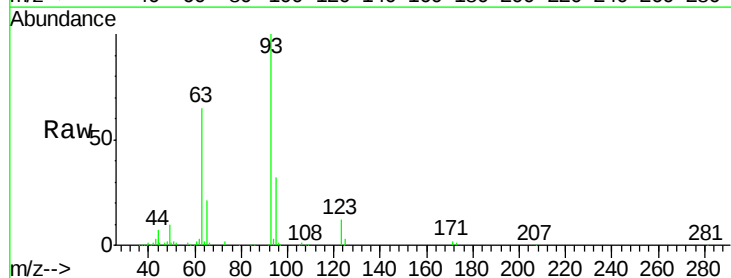
Instrument :
 BNA_M
 ClientSampleId :

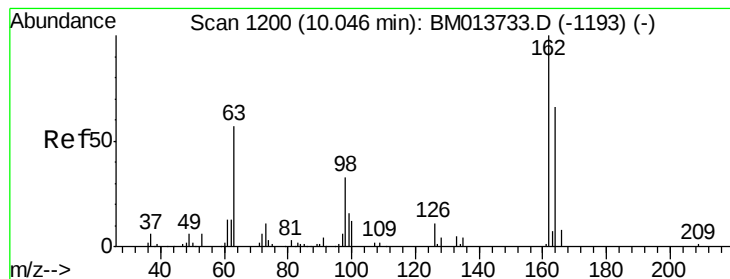
Tot Ion	Ratio	Lower	Upper
107	100		
121	51.5	31.9	47.9#
122	82.7	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.489 ng/ul
 RT: 9.81 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	28.5	42.7
123	11.7	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 20.839 ng/ul

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

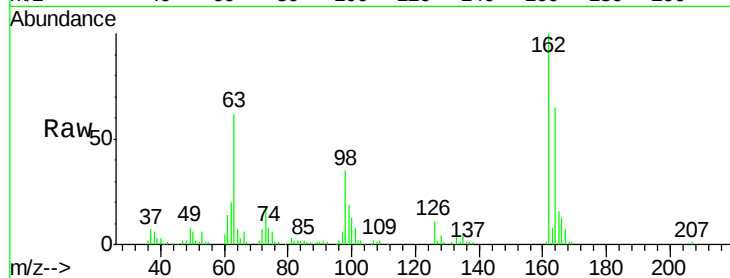
Tot Ion:162 Resp: 178702

Ion Ratio Lower Upper

162 100

164 64.9 47.8 71.6

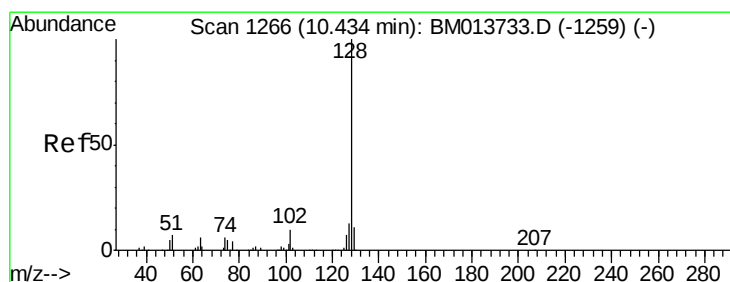
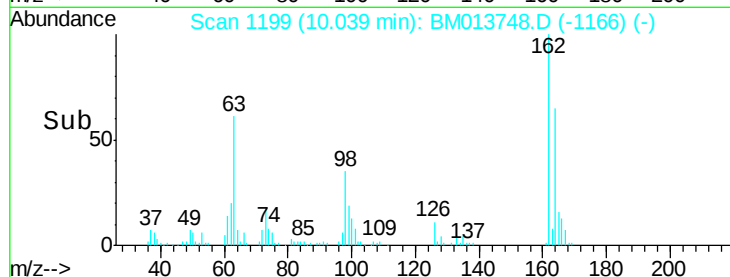
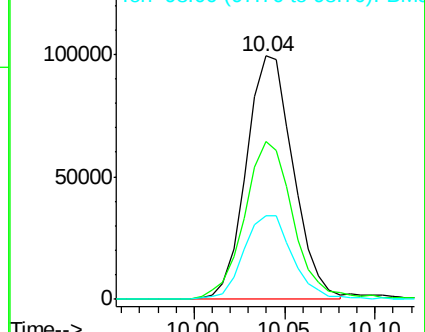
98 34.5 23.0 34.4#



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



#28

Naphthalene

Concen: 20.891 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

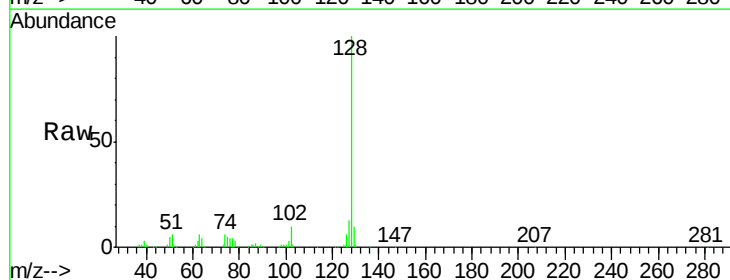
Tgt Ion:128 Resp: 583857

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

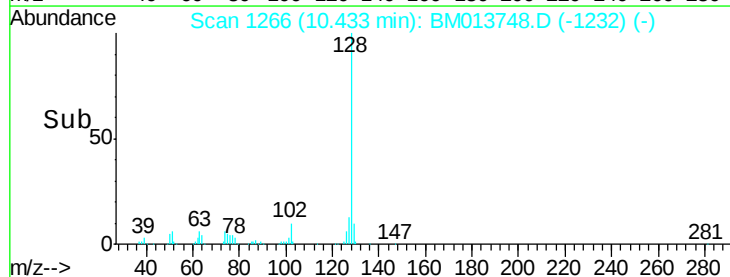
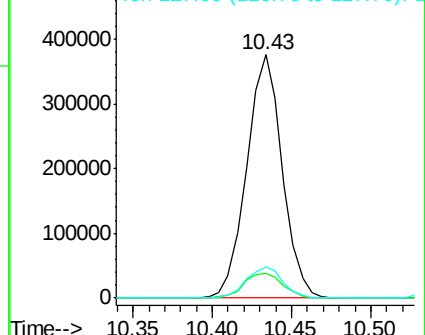
127 12.9 10.6 16.0

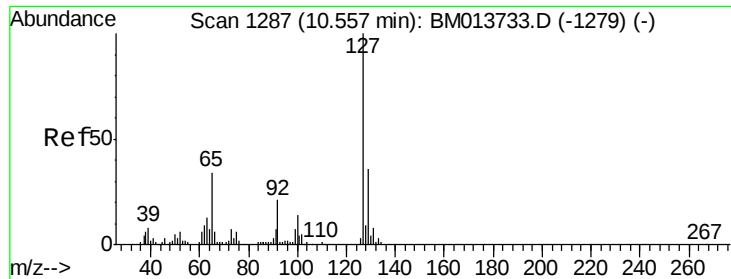


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

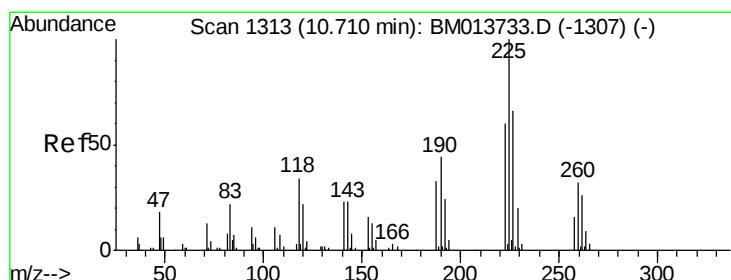
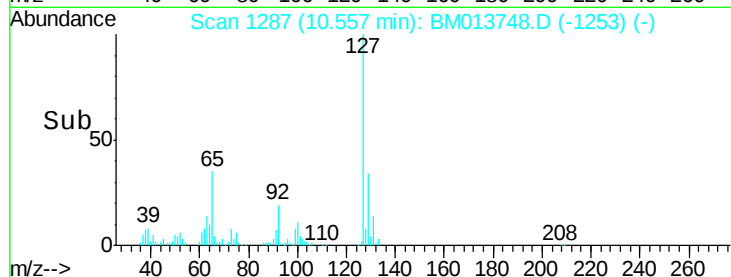
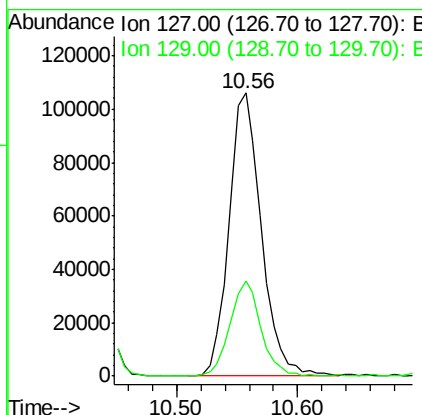
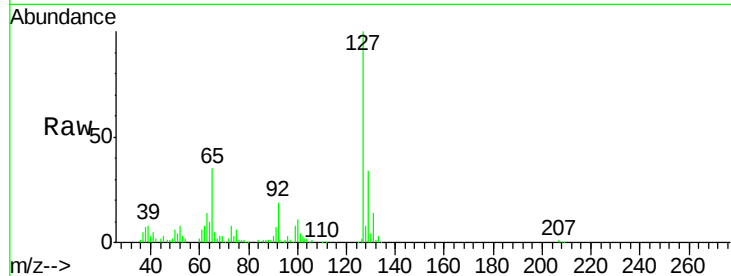




#30
4-Chloroaniline
Concen: 25.881 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

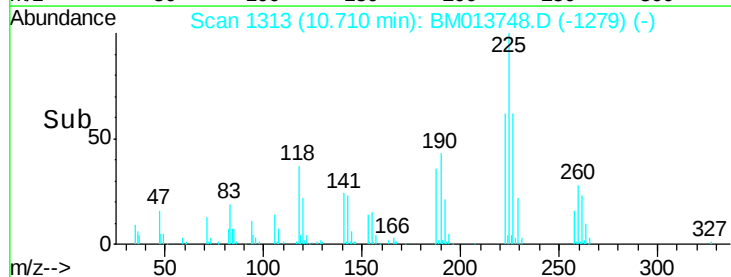
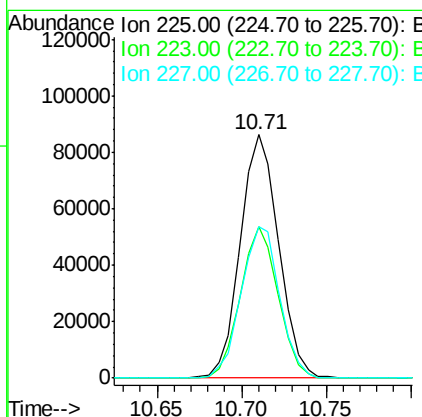
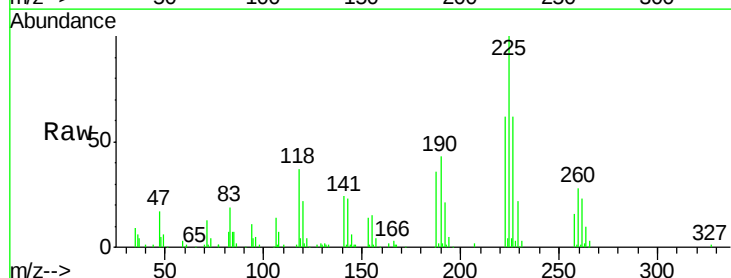
Instrument :
BNA_M
ClientSampleId :

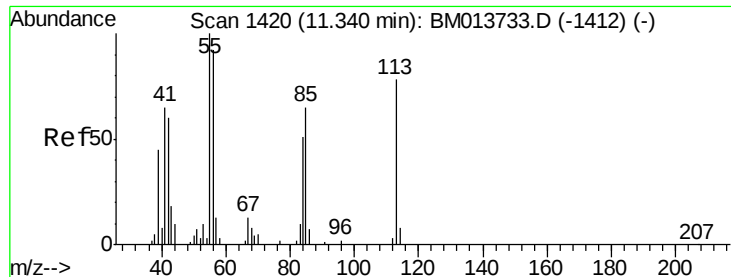
Tot Ion:127 Resp: 198125
Ion Ratio Lower Upper
127 100
129 33.6 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.333 ng/ul
RT: 10.71 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:225 Resp: 136087
Ion Ratio Lower Upper
225 100
223 62.1 49.4 74.2
227 62.3 45.4 68.2





#32

Caprolactam

Concen: 17.144 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

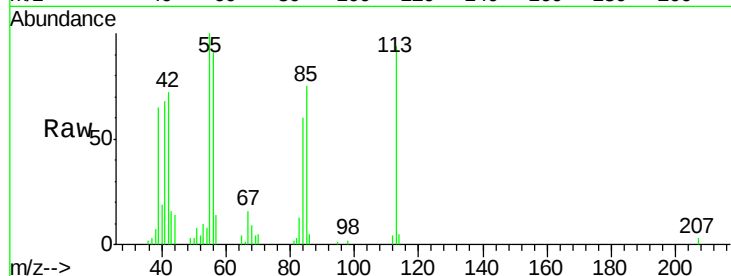
Tot Ion:113 Resp: 40898

Ion Ratio Lower Upper

113 100

55 106.9 208.0 312.0#

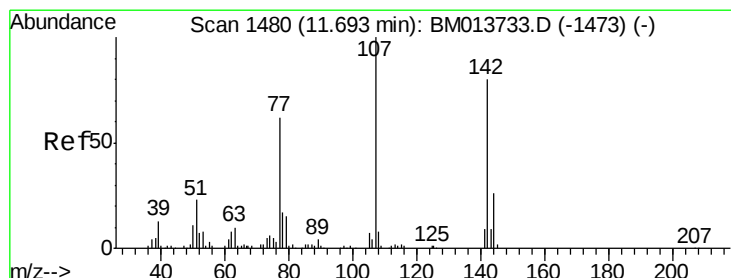
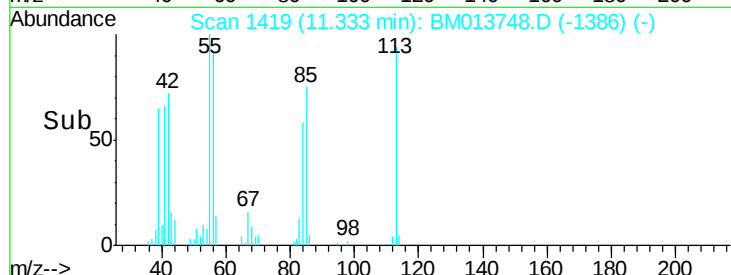
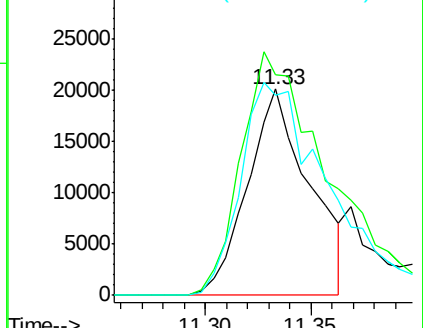
56 97.5 160.0 240.0#



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: 20.691 ng/ul

RT: 11.69 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

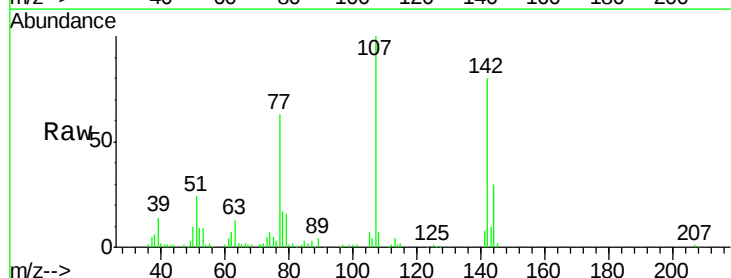
Tgt Ion:107 Resp: 179867

Ion Ratio Lower Upper

107 100

144 29.6 20.4 30.6

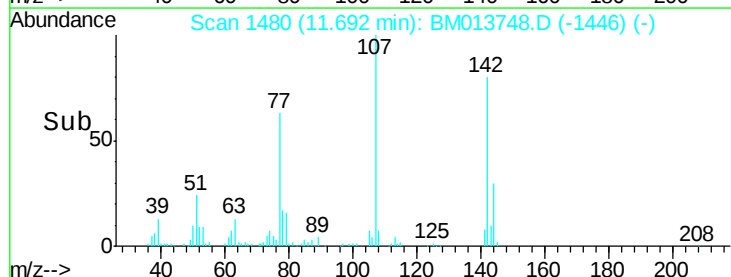
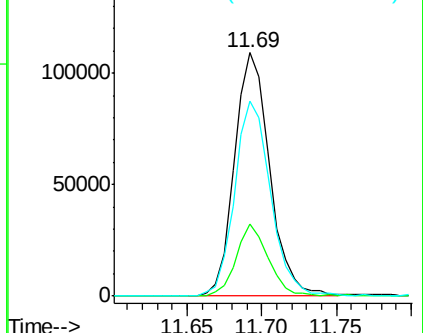
142 79.9 60.5 90.7

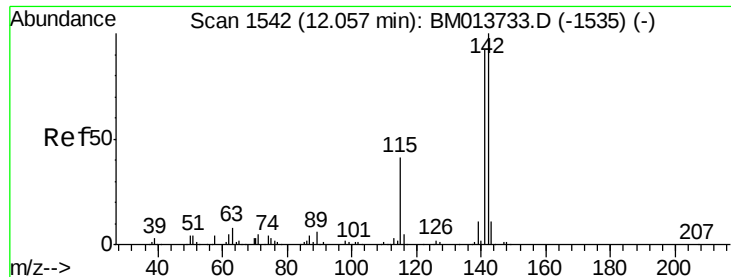


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

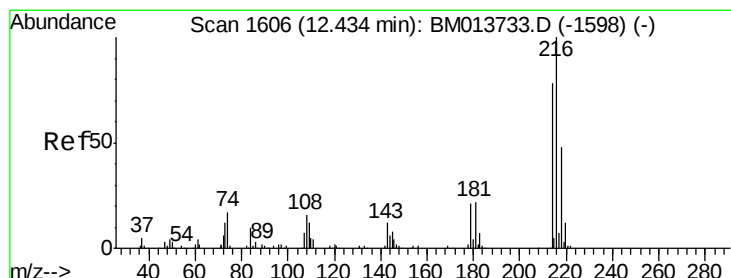
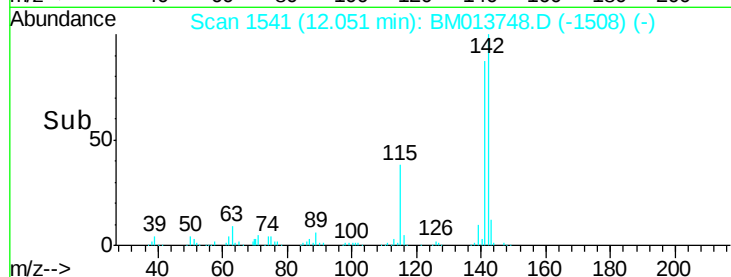
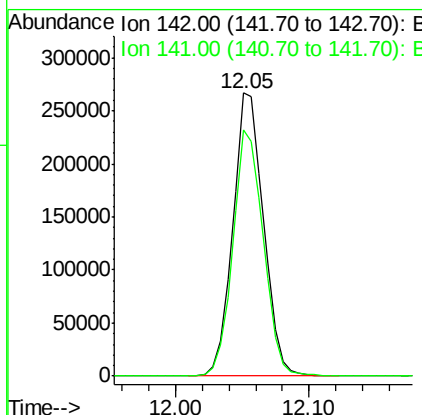
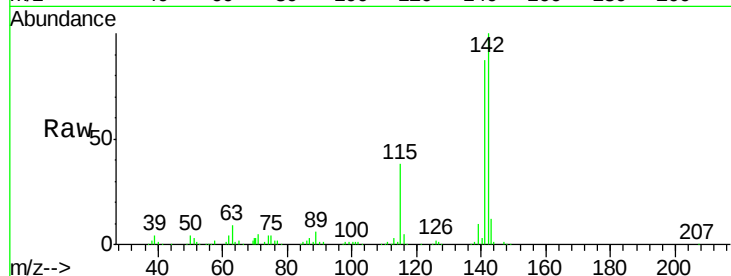




#34
2-Methylnaphthalene
Concen: 20.456 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

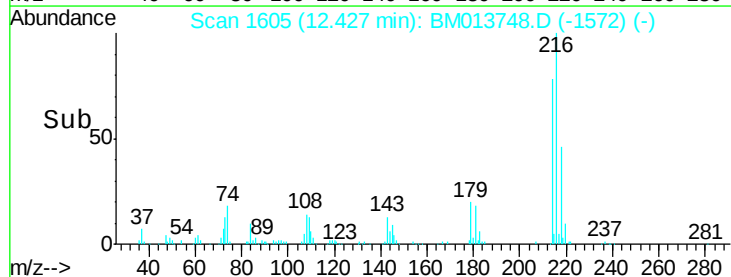
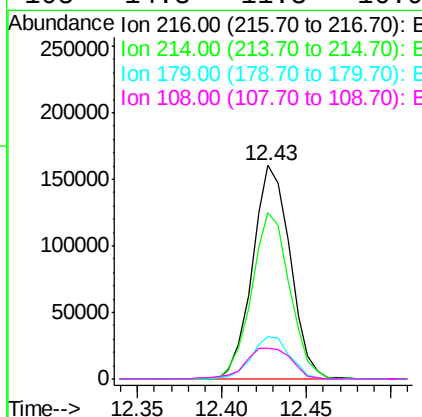
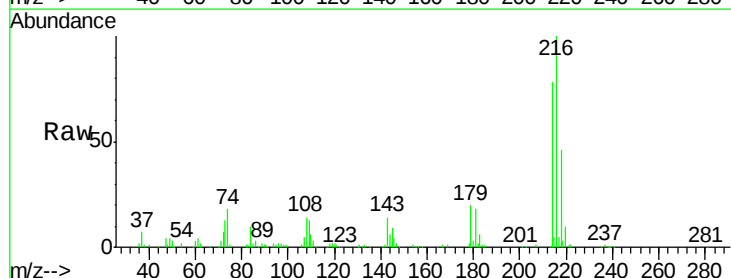
Instrument :
BNA_M
ClientSampleId :

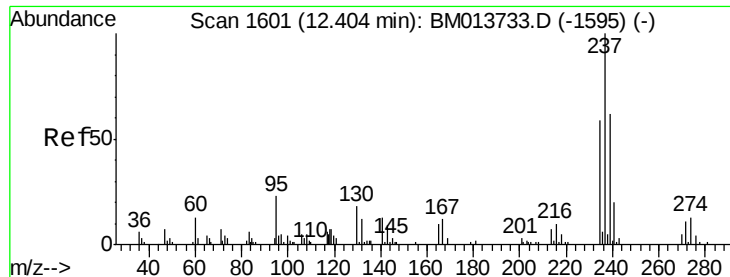
Tot Ion:142 Resp: 426240
Ion Ratio Lower Upper
142 100
141 87.2 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.338 ng/ul
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:216 Resp: 249333
Ion Ratio Lower Upper
216 100
214 78.0 60.6 90.8
179 19.5 17.5 26.3
108 14.3 11.3 16.9

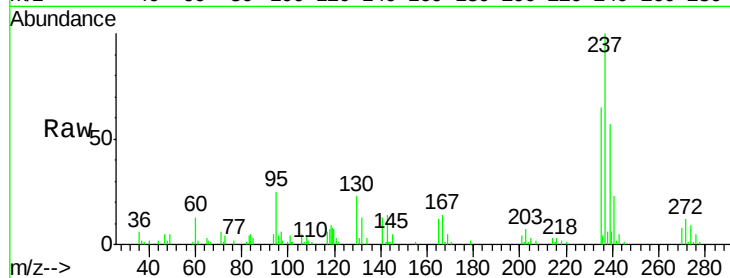




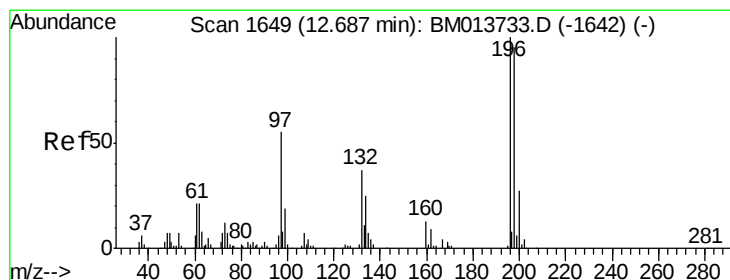
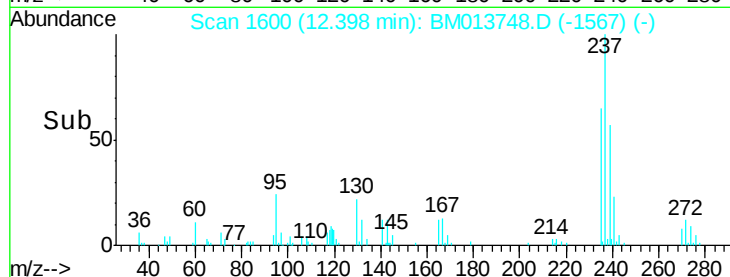
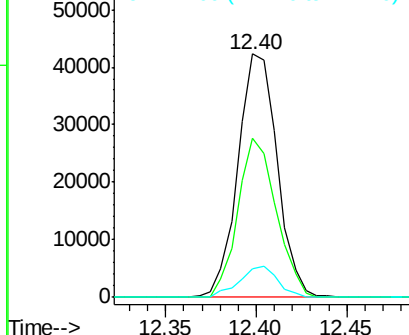
#37
Hexachlorocyclopentadiene
Concen: 12.559 ng/ul
RT: 12.40 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 63919
Ion Ratio Lower Upper
237 100
235 65.1 50.2 75.4
272 11.9 11.0 16.6

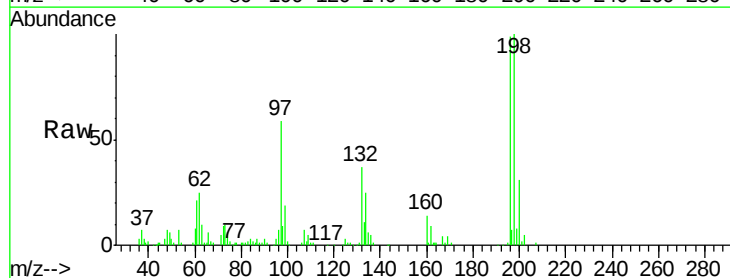


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

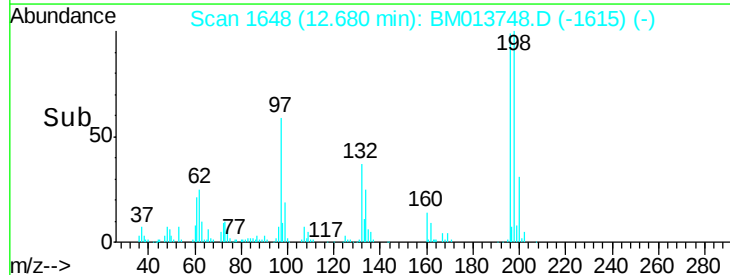
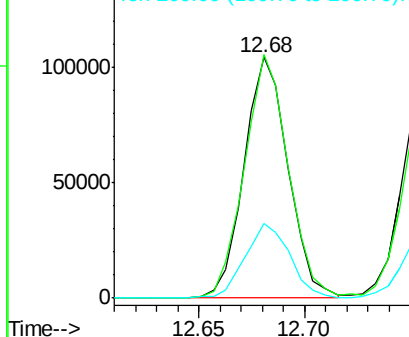


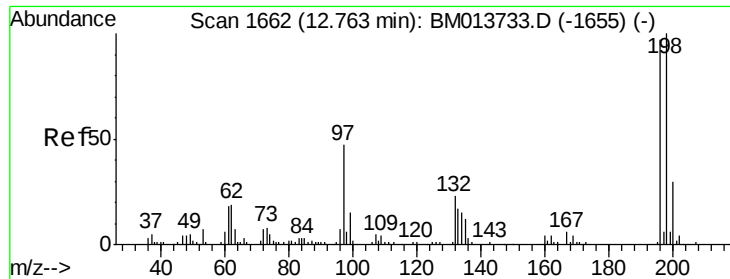
#38
2,4,6-Trichlorophenol
Concen: 21.223 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:196 Resp: 150603
Ion Ratio Lower Upper
196 100
198 101.2 74.1 111.1
200 31.2 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

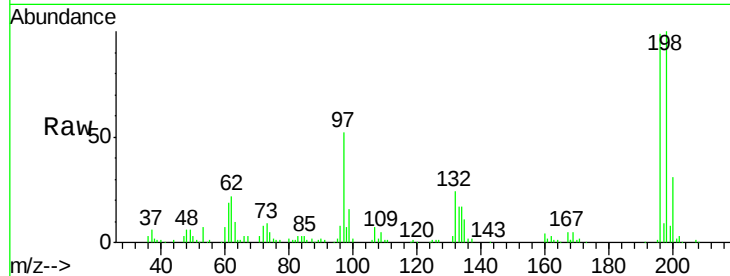




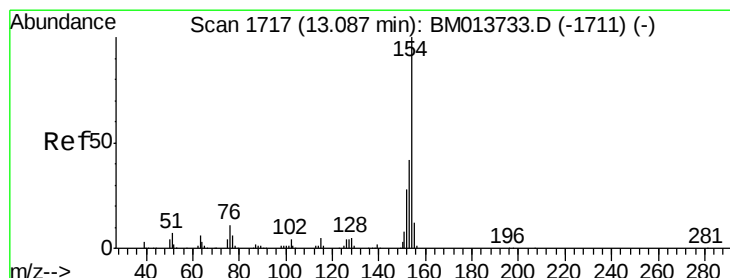
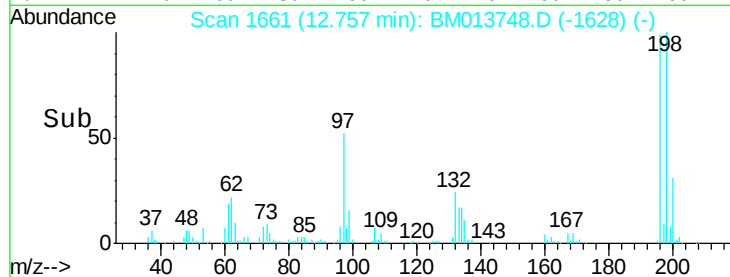
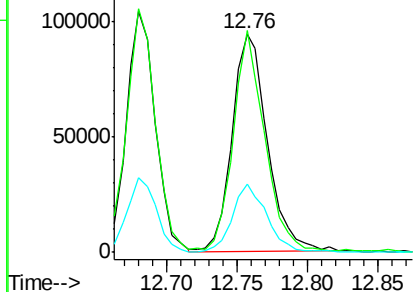
#39
 2,4,5-Trichlorophenol
 Concen: 22.043 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 162767
 Ion Ratio Lower Upper
 196 100
 198 101.4 75.6 113.4
 200 31.2 25.5 38.3

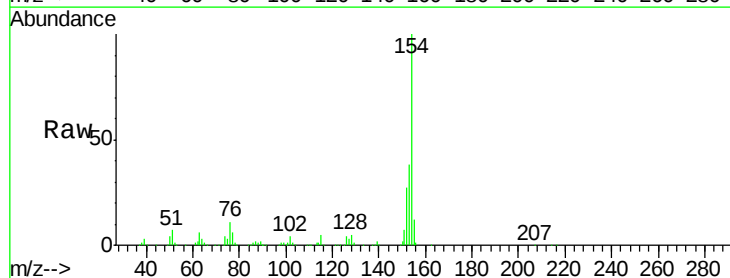


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

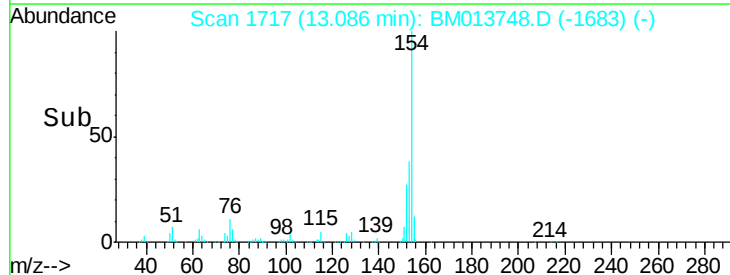
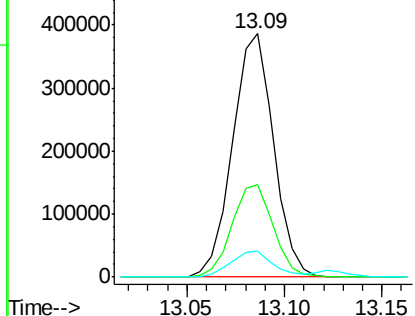


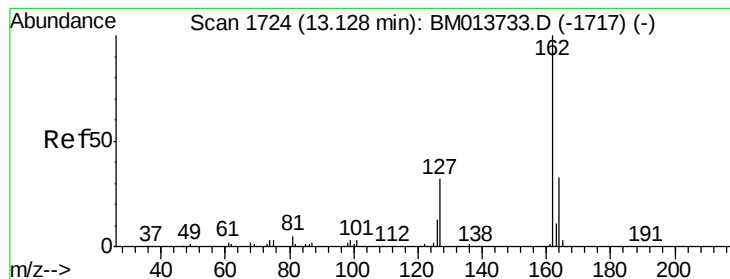
#40
 1,1'-Biphenyl
 Concen: 20.262 ng/ul
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion:154 Resp: 558009
 Ion Ratio Lower Upper
 154 100
 153 37.8 32.6 48.8
 76 10.6 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#41

2-Chloronaphthalene

Concen: 20.823 ng/ul

RT: 13.13 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

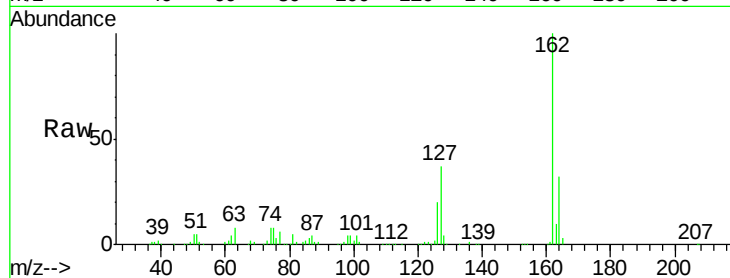
Tot Ion:162 Resp: 448298

Ion Ratio Lower Upper

162 100

164 32.0 25.9 38.9

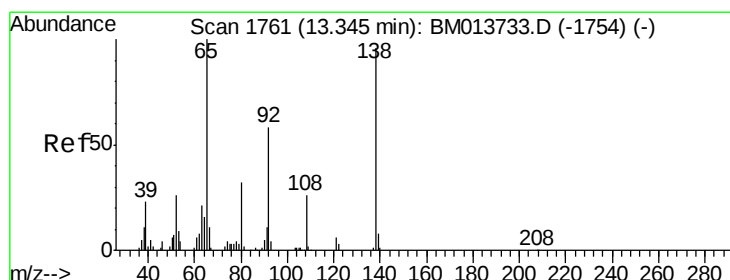
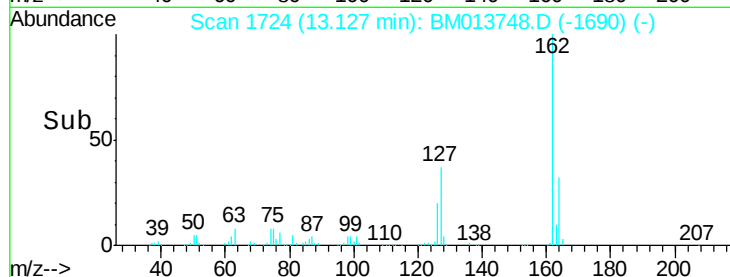
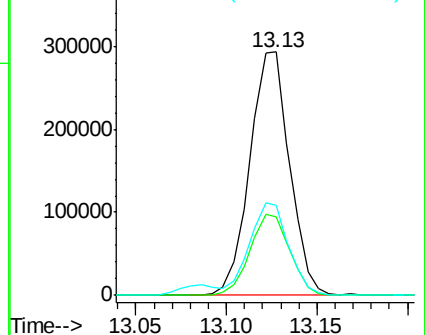
127 37.1 29.4 44.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 20.333 ng/ul

RT: 13.35 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

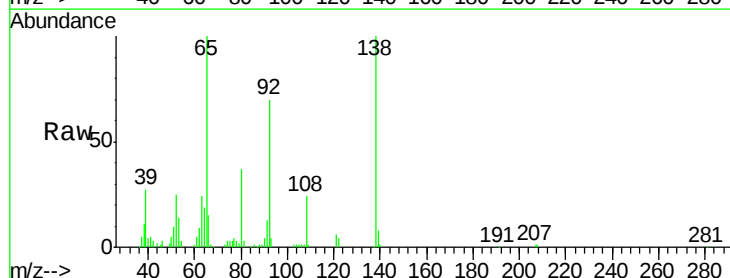
Tgt Ion: 65 Resp: 120750

Ion Ratio Lower Upper

65 100

92 69.8 51.8 77.6

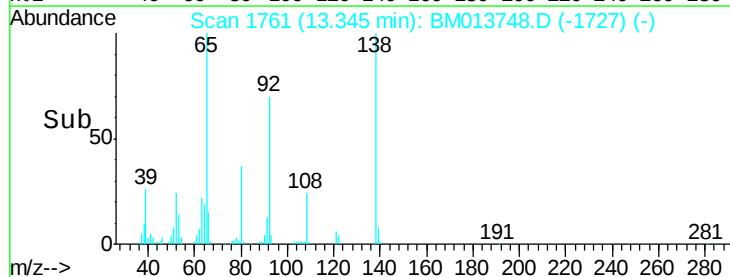
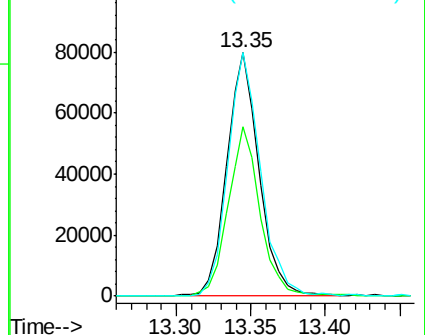
138 100.0 74.2 111.4

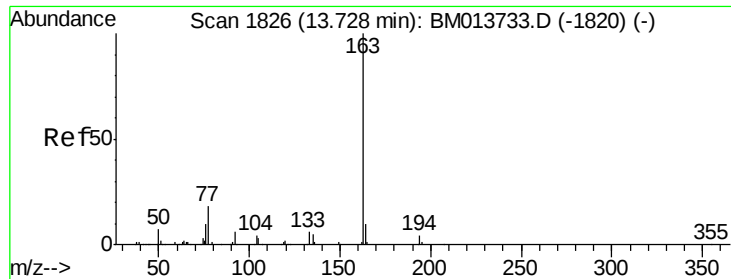


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E

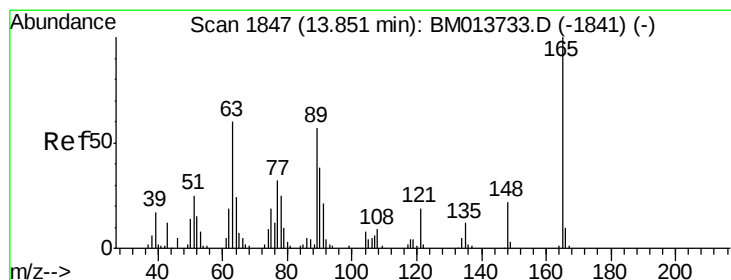
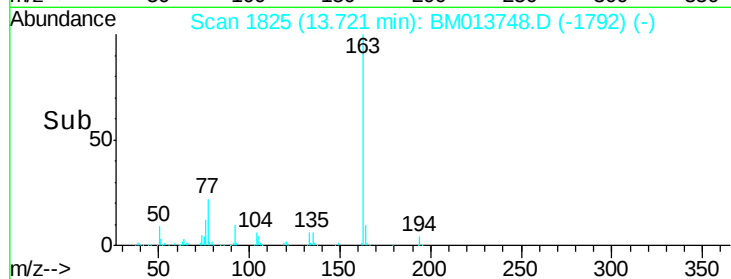
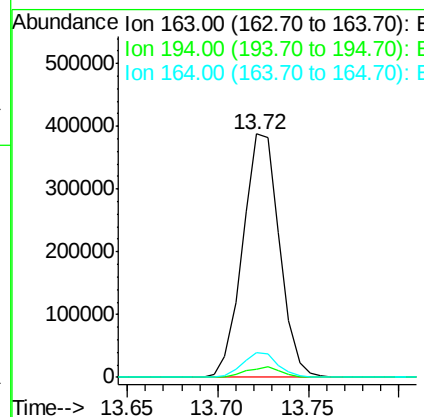
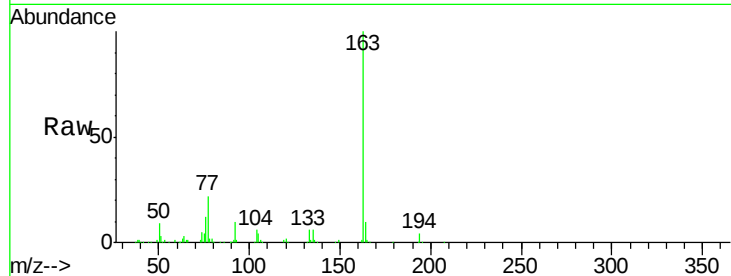




#44
Dimethylphthalate
Concen: 20.382 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

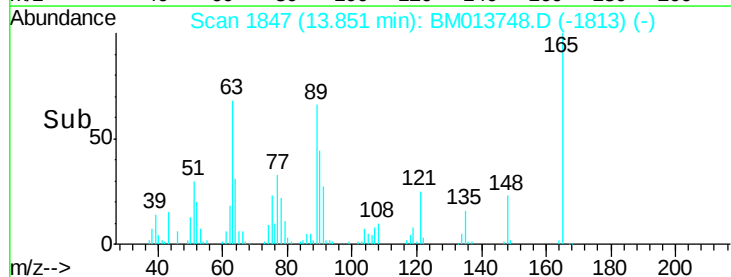
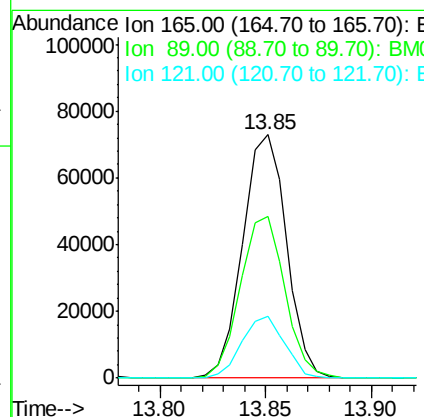
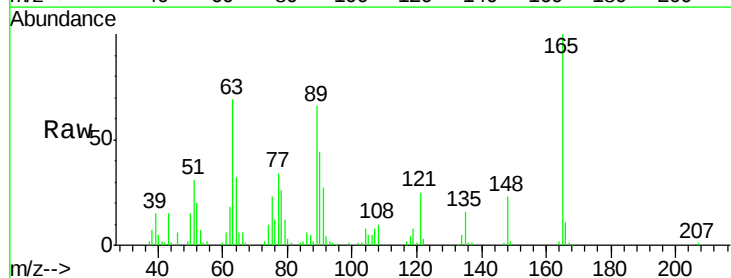
Instrument :
BNA_M
ClientSampled :

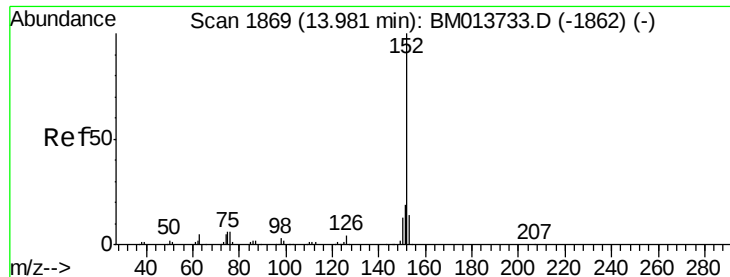
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3
164	10.3	8.2	12.4



#45
2,6-Dinitrotoluene
Concen: 20.219 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion	Ratio	Lower	Upper
165	100		
89	66.2	52.6	79.0
121	25.5	14.6	22.0





#47

Acenaphthylene

Concen: 20.520 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

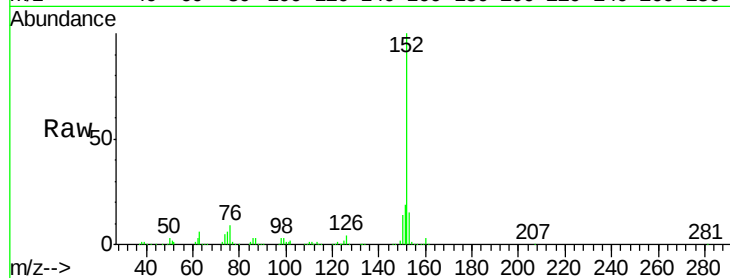
Tot Ion:152 Resp: 652851

Ion Ratio Lower Upper

152 100

151 19.0 16.3 24.5

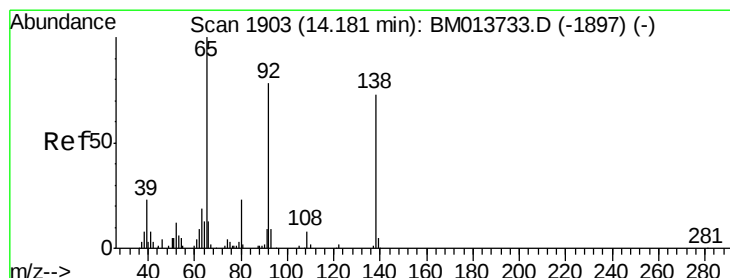
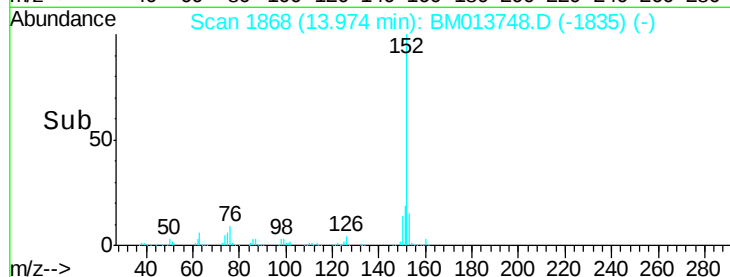
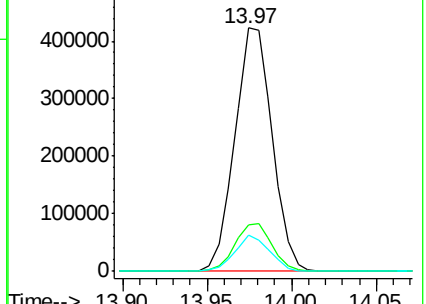
153 14.7 10.2 15.4



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: 23.854 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

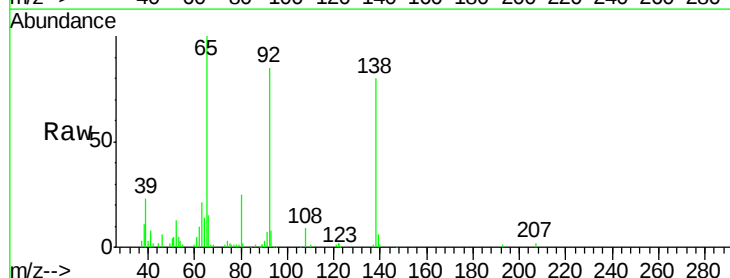
Tgt Ion:138 Resp: 97470

Ion Ratio Lower Upper

138 100

108 10.6 9.9 14.9

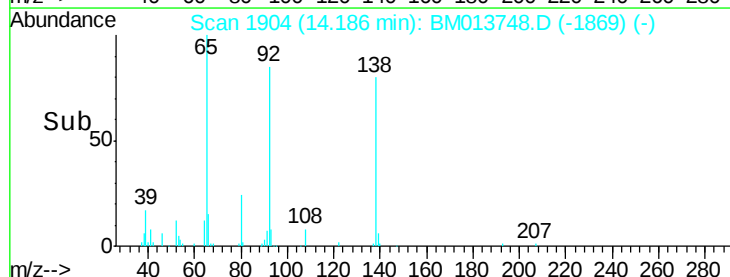
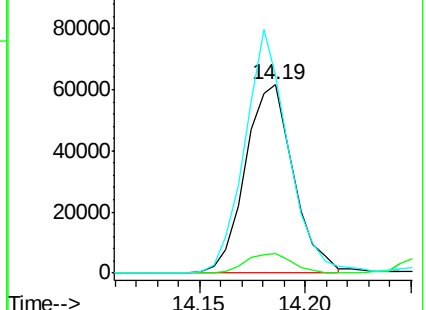
92 105.2 105.0 157.4

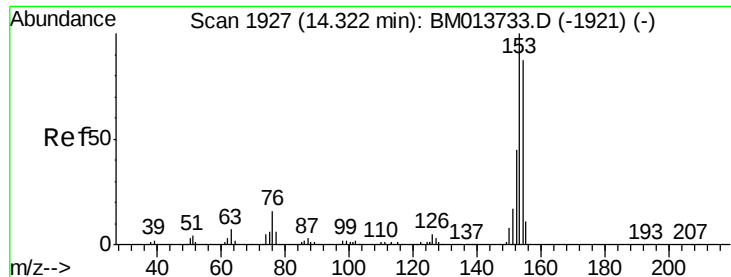


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.300 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

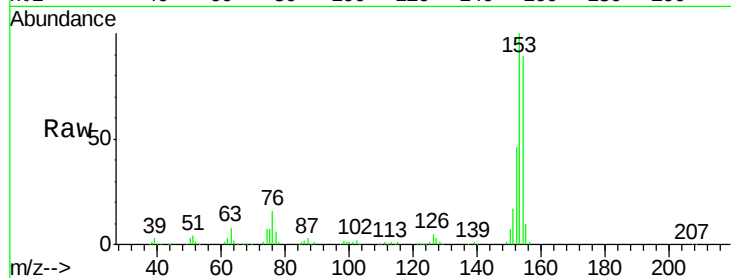
Tot Ion:153 Resp: 447304

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

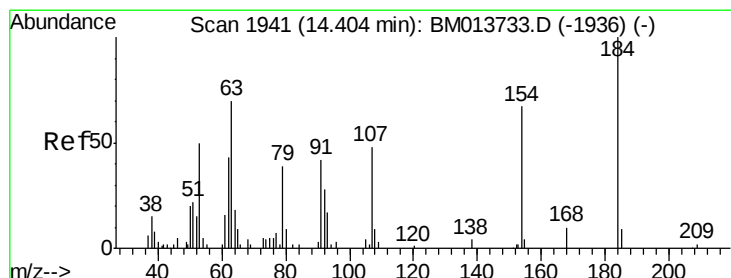
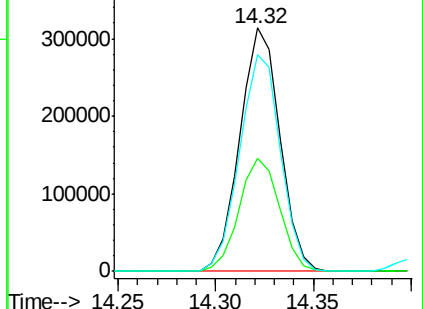
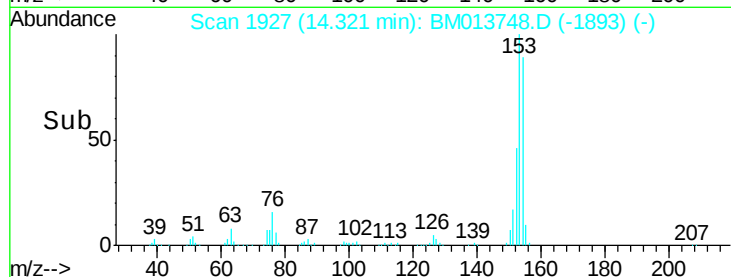
154 88.9 70.4 105.6



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: 13.348 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

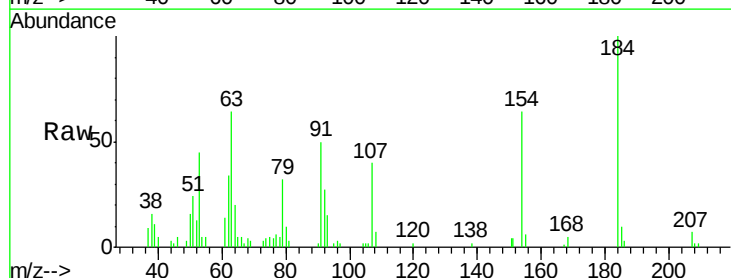
Tgt Ion:184 Resp: 39755

Ion Ratio Lower Upper

184 100

63 64.2 50.1 75.1

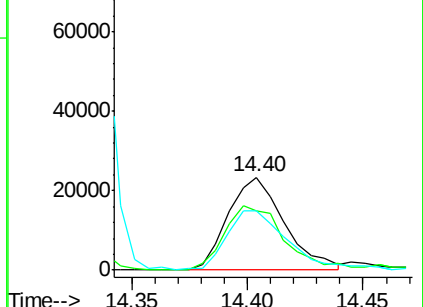
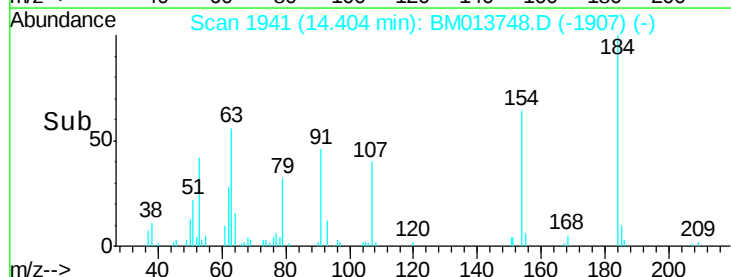
154 64.4 54.5 81.7

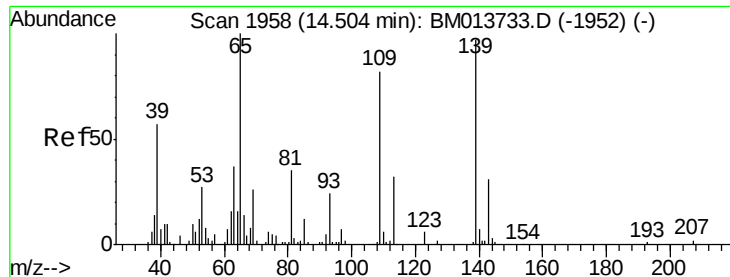


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.712 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

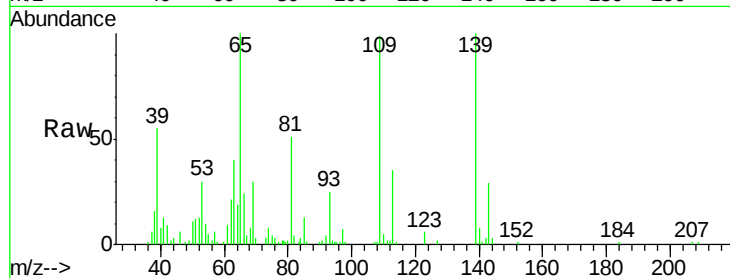
Tot Ion:109 Resp: 84237

Ion Ratio Lower Upper

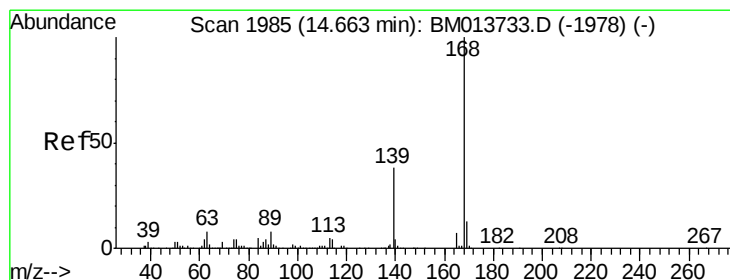
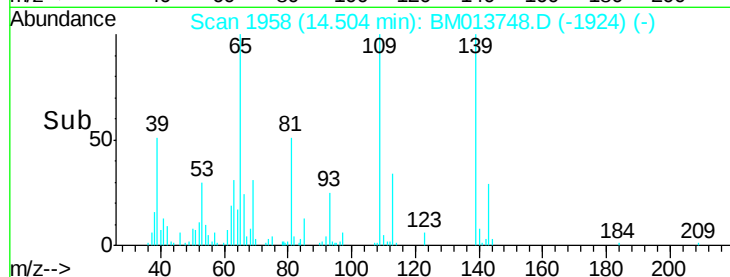
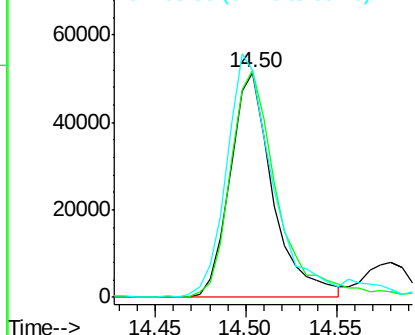
109 100

139 100.8 80.0 120.0

65 100.9 120.0 180.0#



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: 19.828 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM013748.D

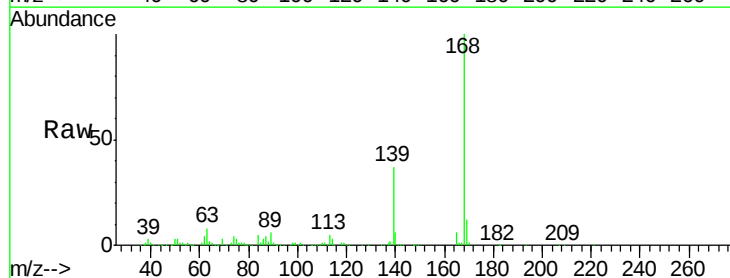
Acq: 24 Jan 2018 02:13

Tgt Ion:168 Resp: 657281

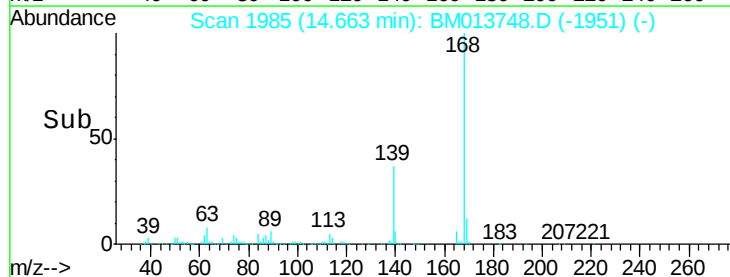
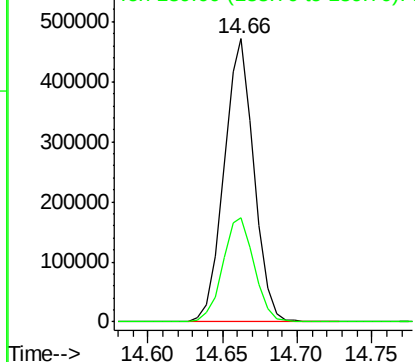
Ion Ratio Lower Upper

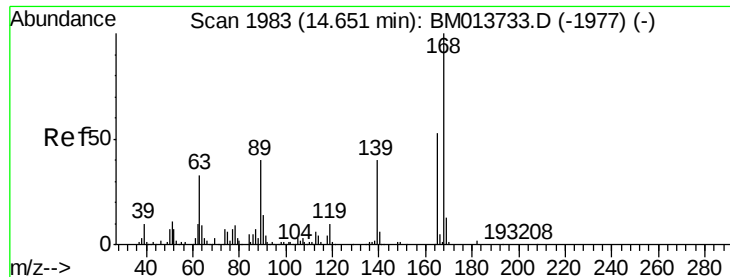
168 100

139 36.9 30.8 46.2



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

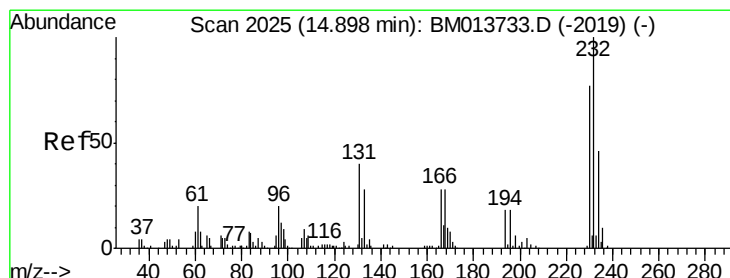
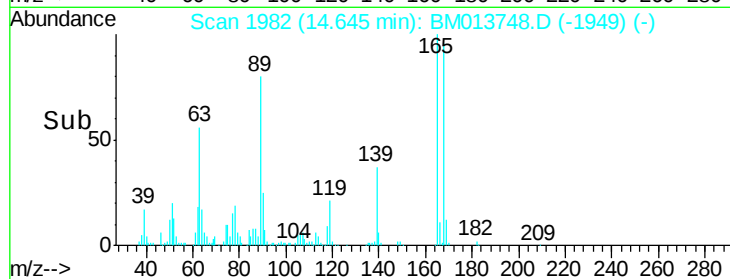
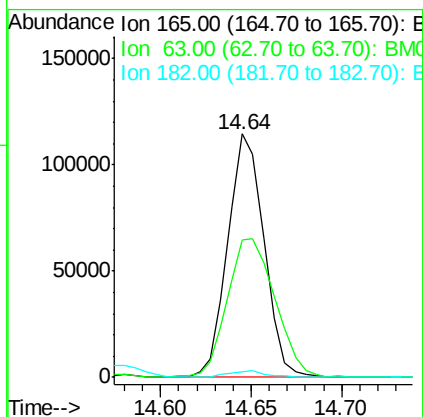
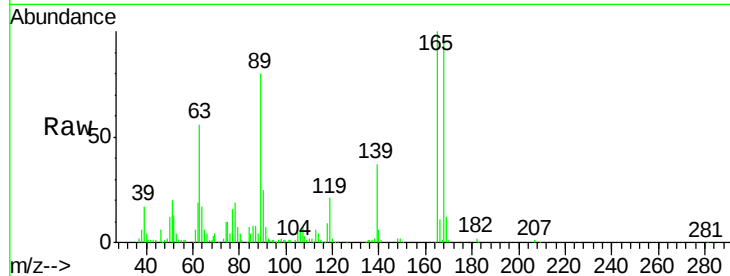




#54
 2,4-Dinitrotoluene
 Concen: 21.062 ng/ul
 RT: 14.64 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

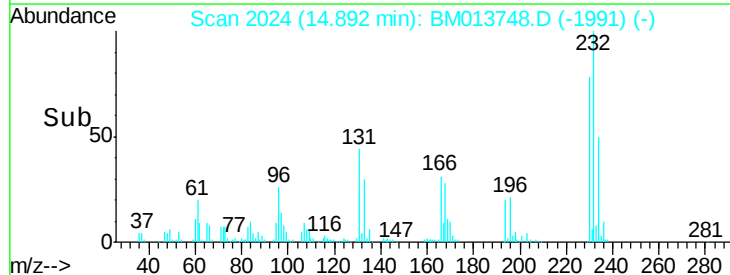
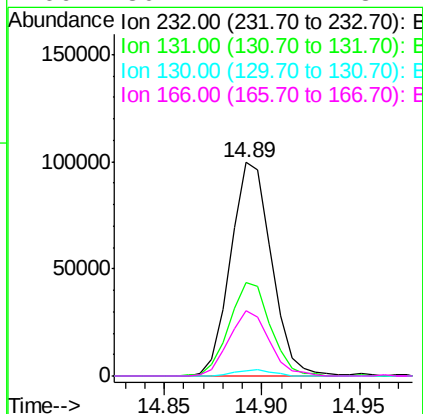
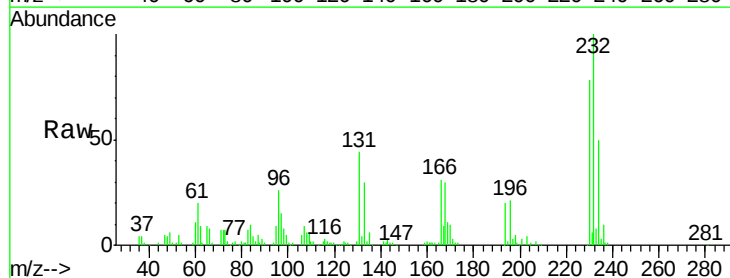
Instrument :
 BNA_M
 ClientSampled :

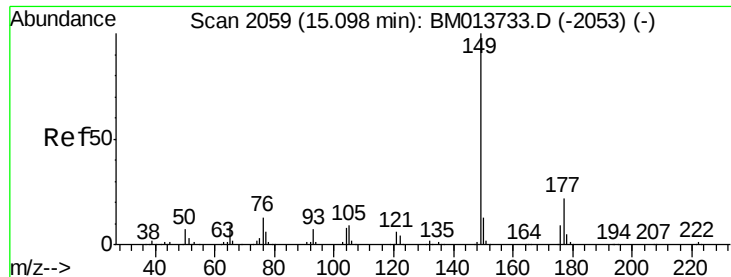
Tot Ion:165 Resp: 159517
 Ion Ratio Lower Upper
 165 100
 63 56.5 45.8 68.8
 182 2.4 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.868 ng/ul
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion:232 Resp: 144936
 Ion Ratio Lower Upper
 232 100
 131 43.8 29.0 43.4#
 130 2.2 2.0 3.0
 166 30.7 21.4 32.2

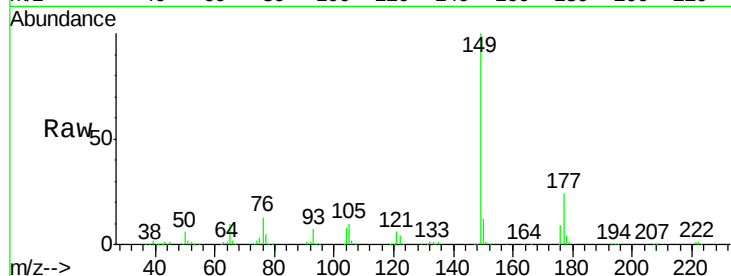




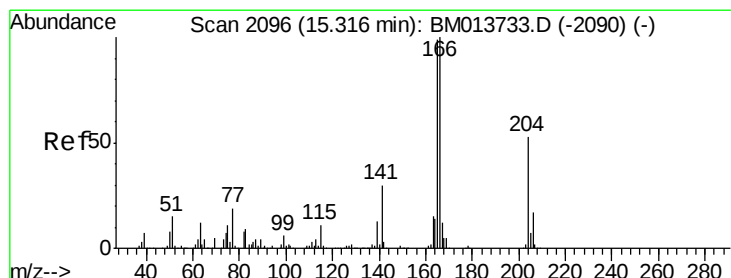
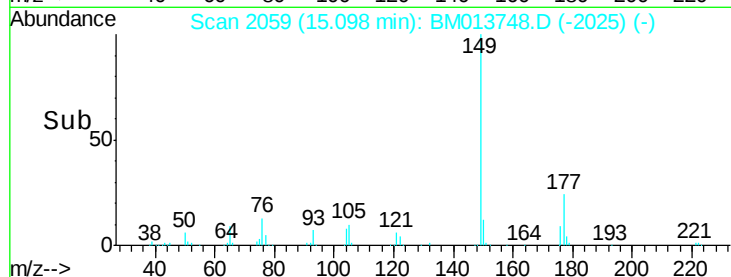
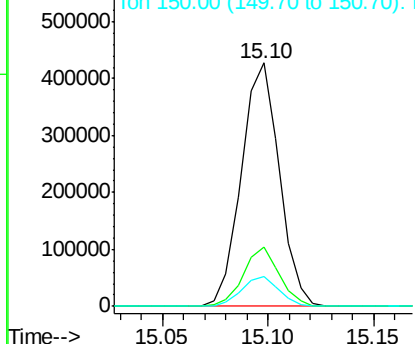
#56
Diethylphthalate
Concen: 19.791 ng/ul
RT: 15.10 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 533993
Ion Ratio Lower Upper
149 100
177 24.1 20.5 30.7
150 12.2 10.6 15.8

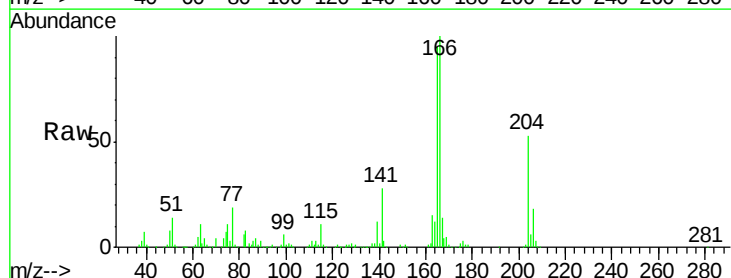


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

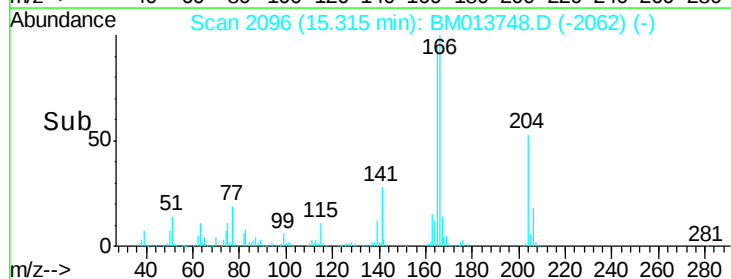
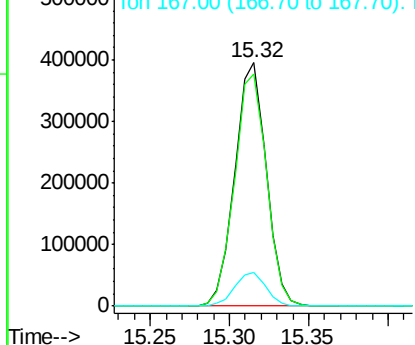


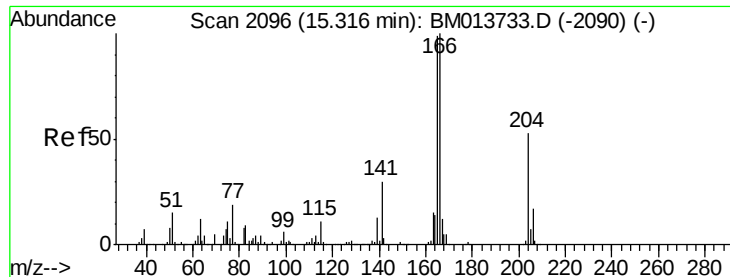
#58
Fluorene
Concen: 20.028 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:166 Resp: 543823
Ion Ratio Lower Upper
166 100
165 95.2 77.9 116.9
167 13.7 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: 19.963 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

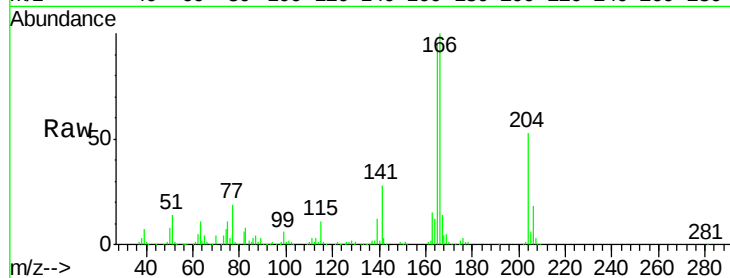
Tot Ion:204 Resp: 292910

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

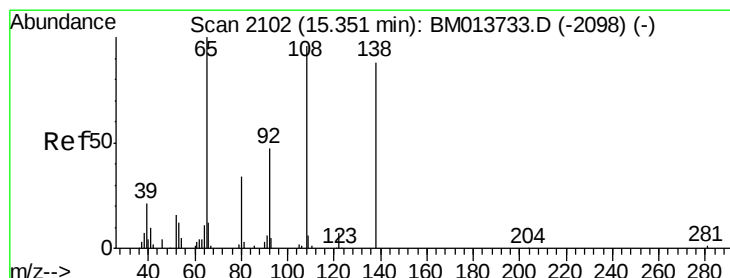
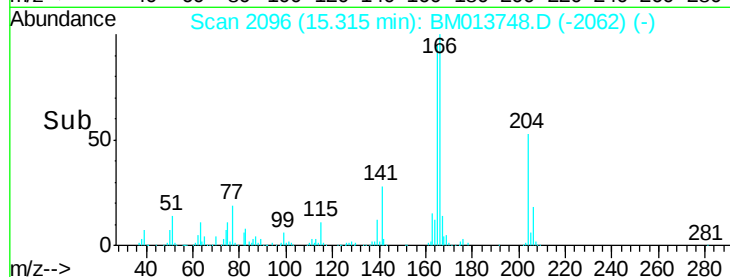
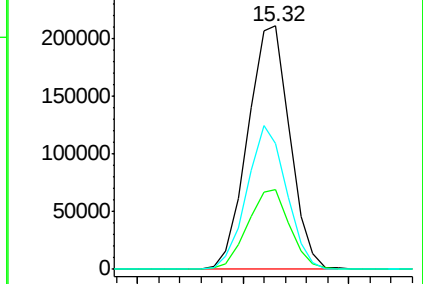
141 51.7 44.3 66.5



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



#60

4-Nitroaniline

Concen: 20.715 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

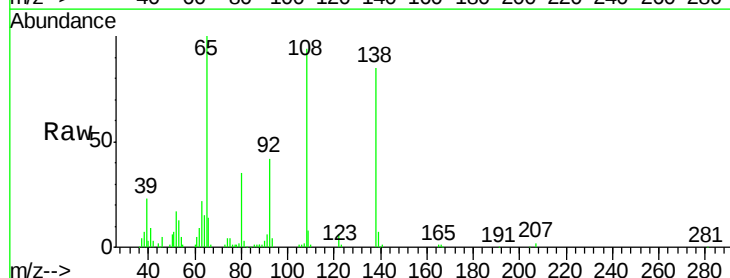
Tgt Ion:138 Resp: 99036

Ion Ratio Lower Upper

138 100

92 49.9 40.0 60.0

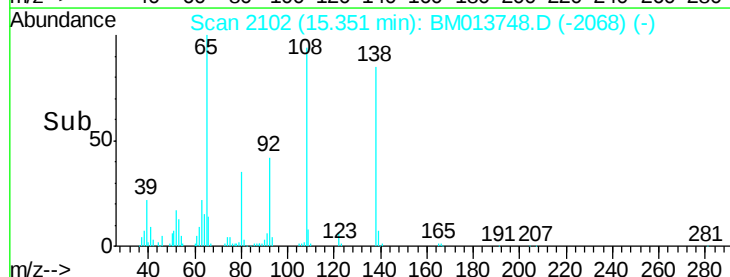
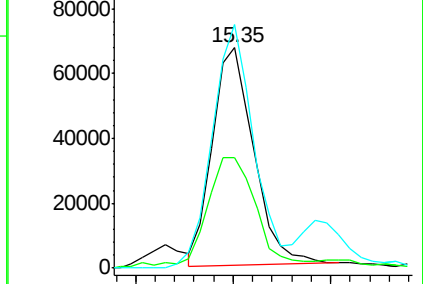
108 110.4 80.0 120.0

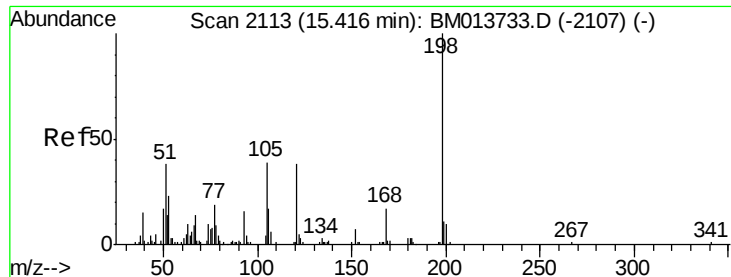


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

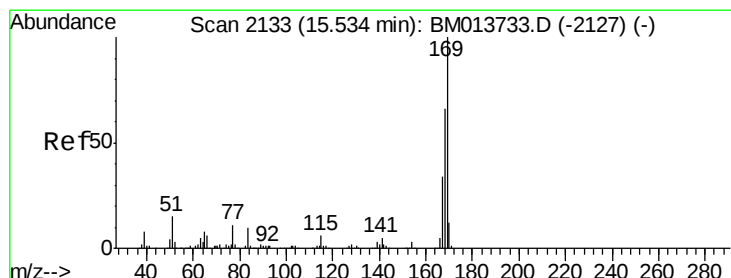
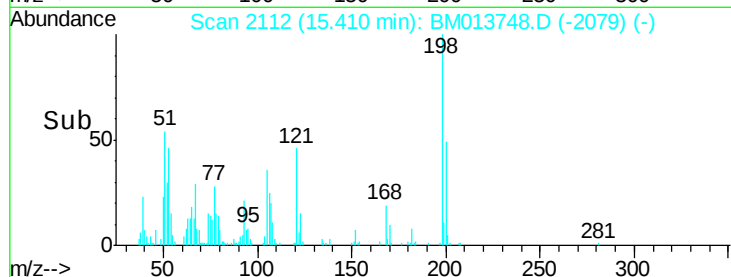
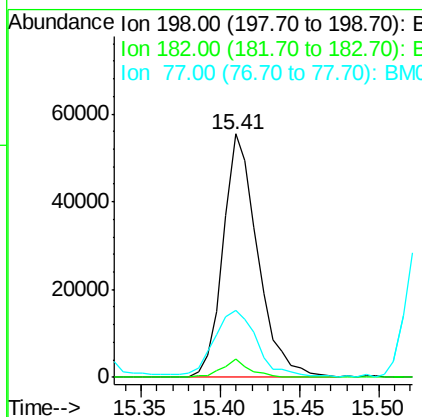
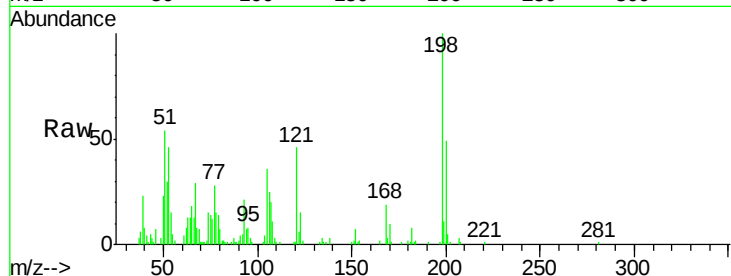




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.991 ng/ul
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

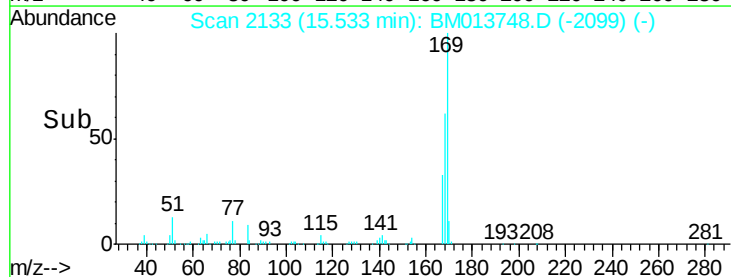
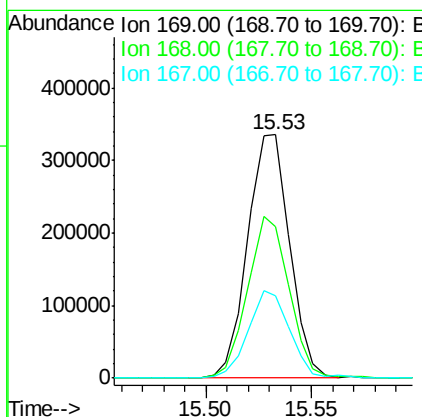
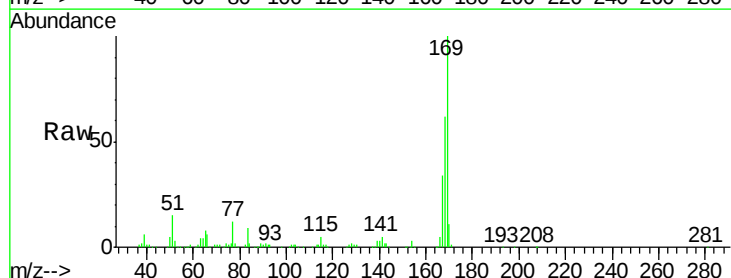
Instrument :
 BNA_M
 ClientSampleId :

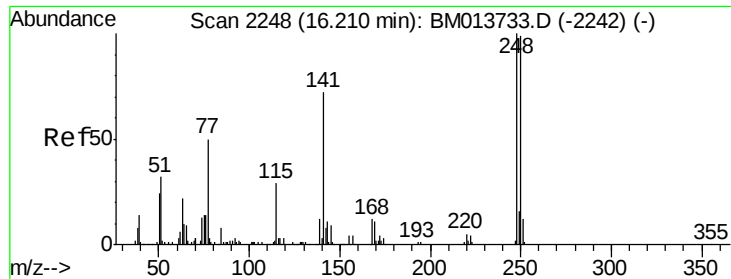
Tot Ion:198 Resp: 83842
 Ion Ratio Lower Upper
 198 100
 182 7.6 3.8 5.6#
 77 27.8 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.322 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion:169 Resp: 464209
 Ion Ratio Lower Upper
 169 100
 168 62.1 54.0 81.0
 167 33.9 29.1 43.7

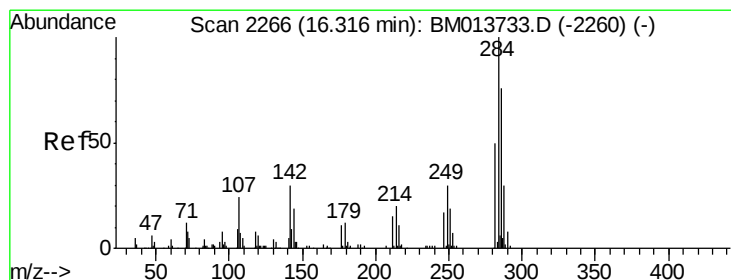
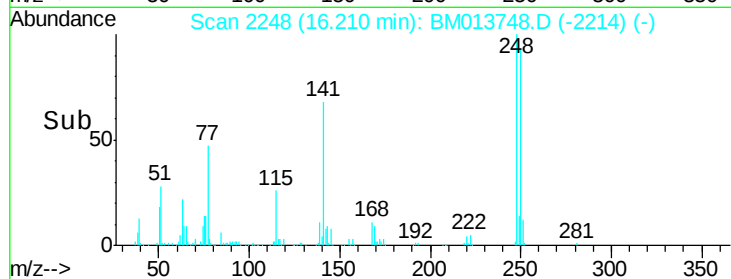
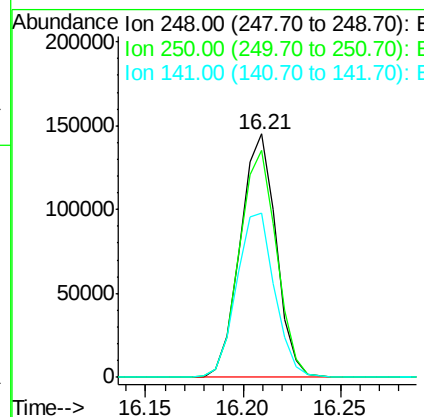
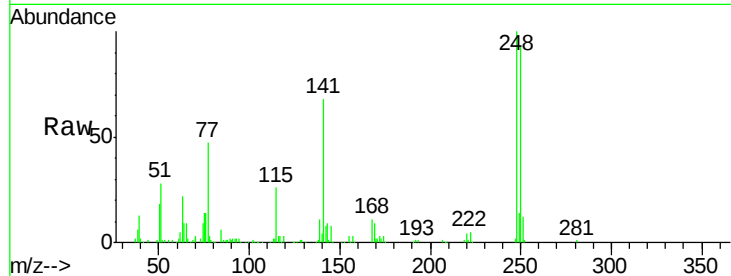




#65
4-Bromophenyl-phenylether
Concen: 20.163 ng/ul
RT: 16.21 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

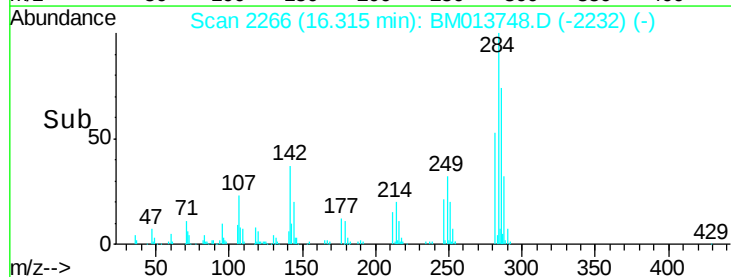
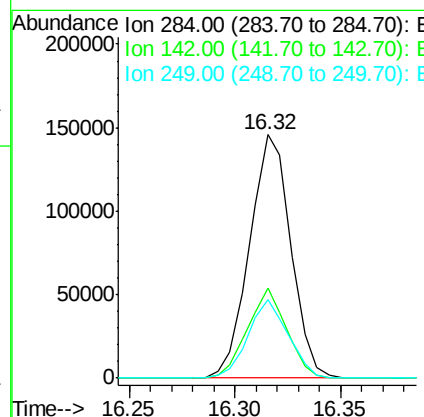
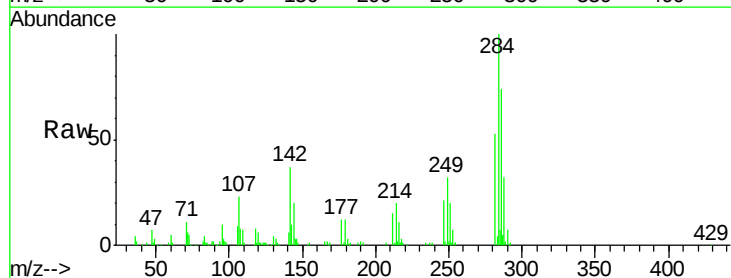
Instrument :
BNA_M
ClientSampleId :

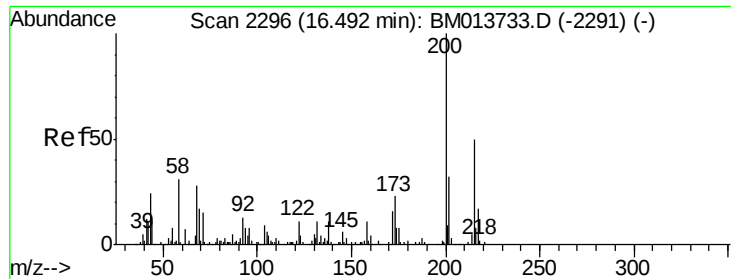
Tot Ion:248 Resp: 184961
Ion Ratio Lower Upper
248 100
250 93.0 80.5 120.7
141 67.7 53.6 80.4



#66
Hexachlorobenzene
Concen: 20.083 ng/ul
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:284 Resp: 198304
Ion Ratio Lower Upper
284 100
142 37.0 21.2 31.8#
249 32.5 24.5 36.7

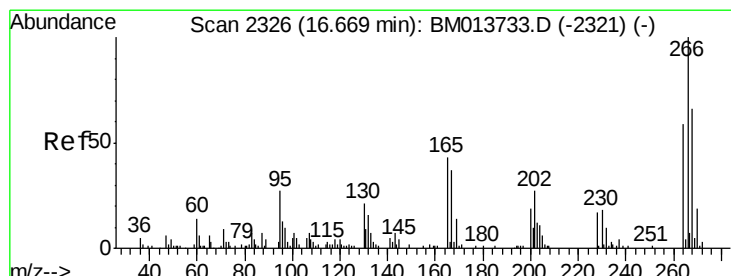
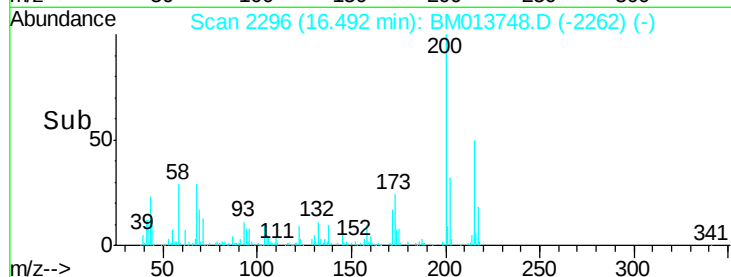
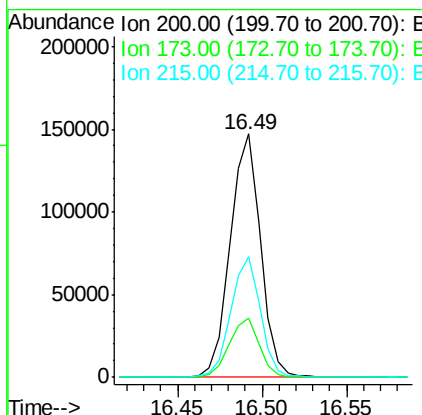
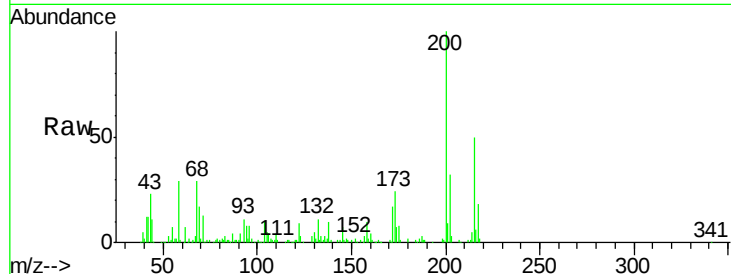




#67
 Atrazine
 Concen: 20.157 ng/ul
 RT: 16.49 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

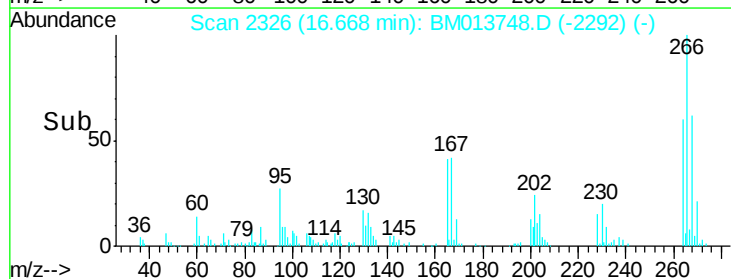
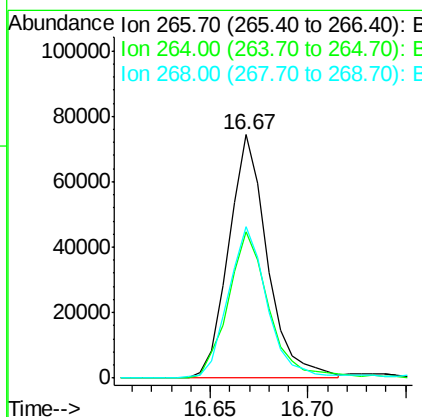
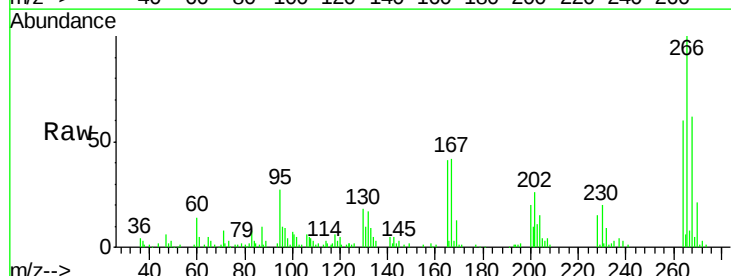
Instrument :
 BNA_M
 ClientSampleId :

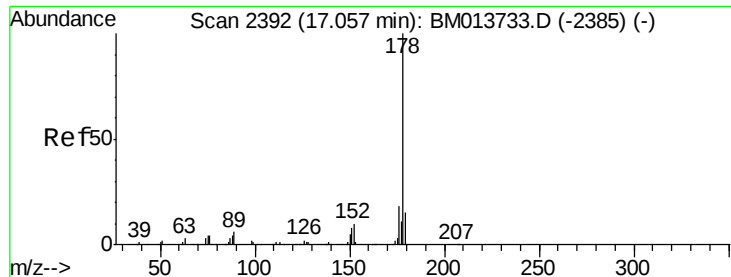
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	18.2	27.2
215	49.8	35.0	52.4



#68
 Pentachlorophenol
 Concen: 19.530 ng/ul
 RT: 16.67 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.3	73.9
268	62.0	52.6	78.8





#69

Phenanthrene

Concen: 20.262 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

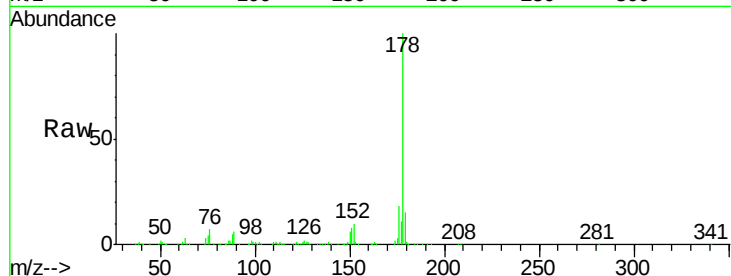
Tot Ion:178 Resp: 874759

Ion Ratio Lower Upper

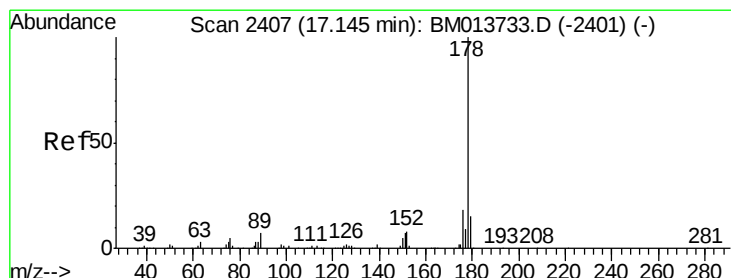
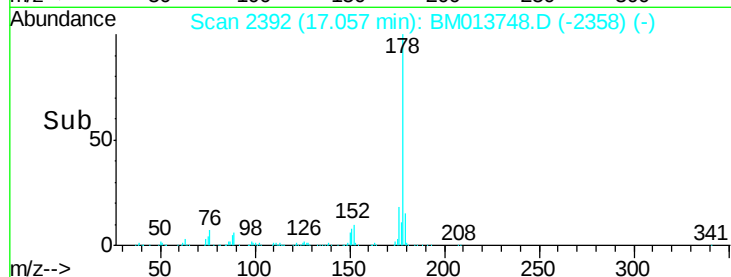
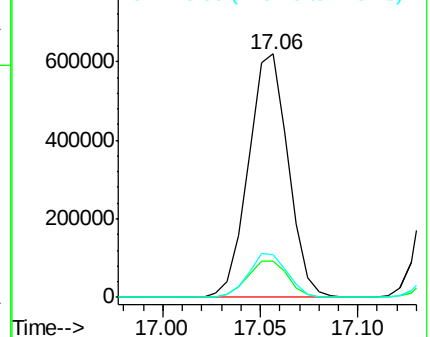
178 100

179 15.2 12.6 19.0

176 17.8 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: 20.613 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

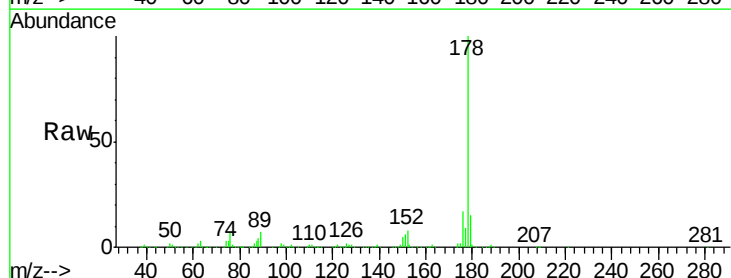
Tgt Ion:178 Resp: 917910

Ion Ratio Lower Upper

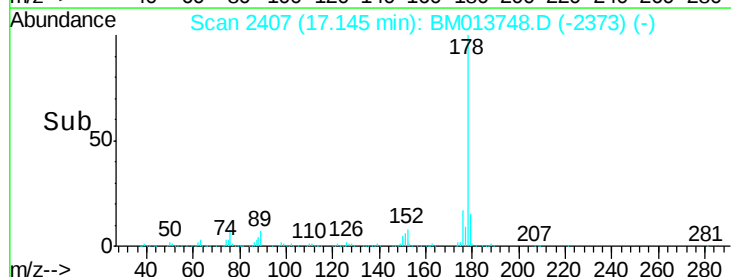
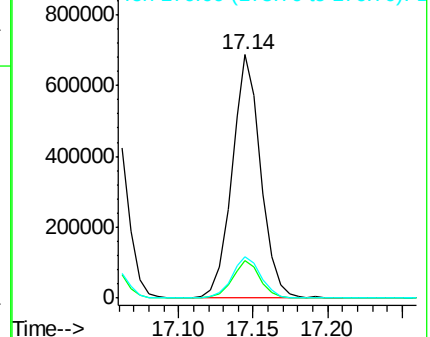
178 100

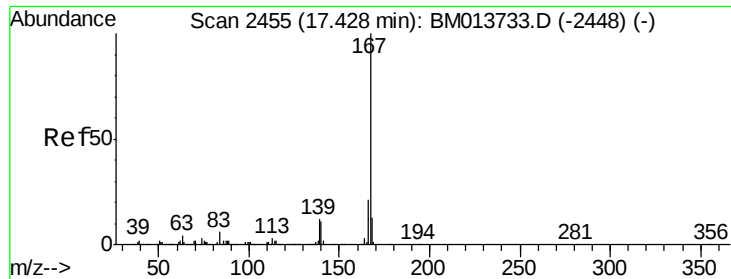
179 15.3 11.7 17.5

176 17.0 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: 20.562 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

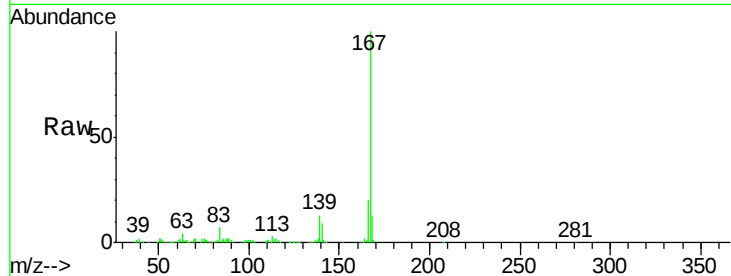
Tot Ion:167 Resp: 755820

Ion Ratio Lower Upper

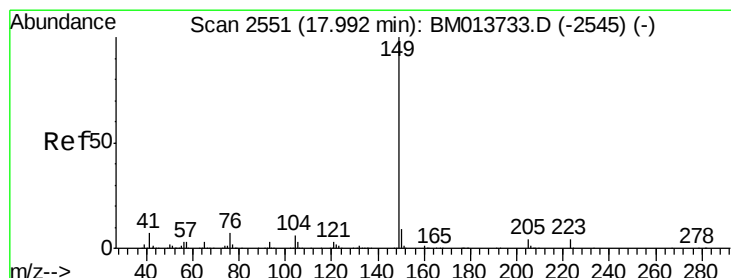
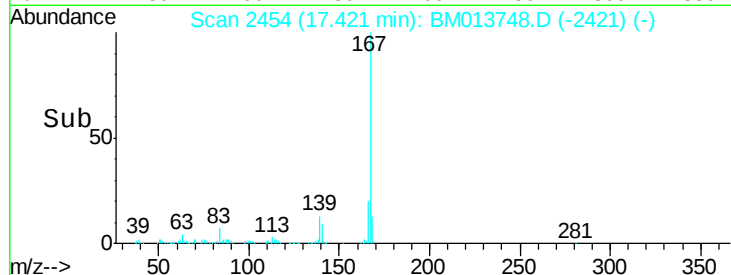
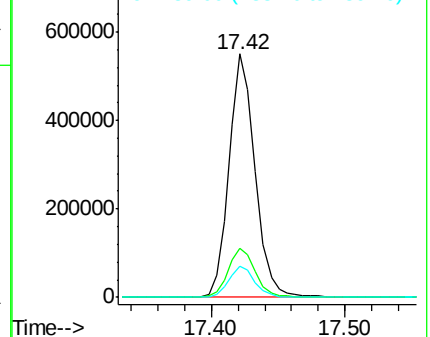
167 100

166 20.3 17.1 25.7

139 12.6 10.0 15.0



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



#73

Di-n-butylphthalate

Concen: 19.870 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

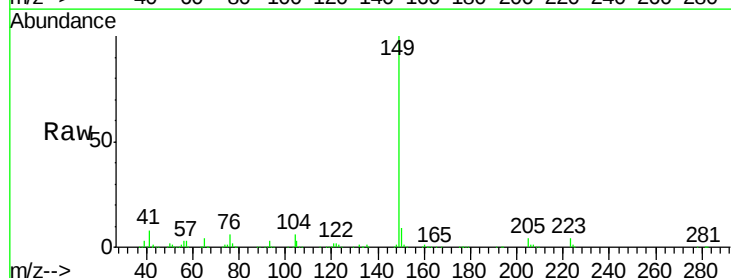
Tgt Ion:149 Resp: 858995

Ion Ratio Lower Upper

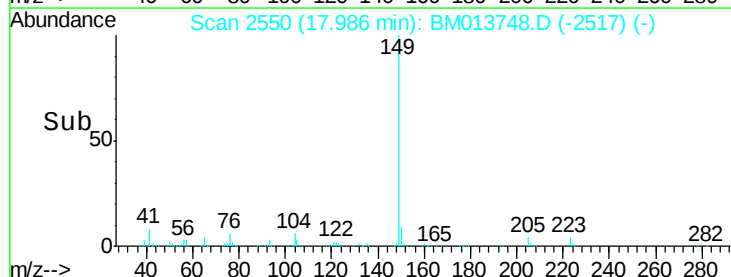
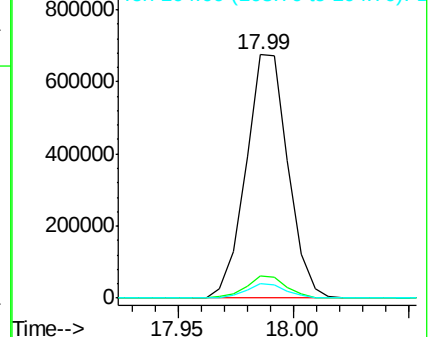
149 100

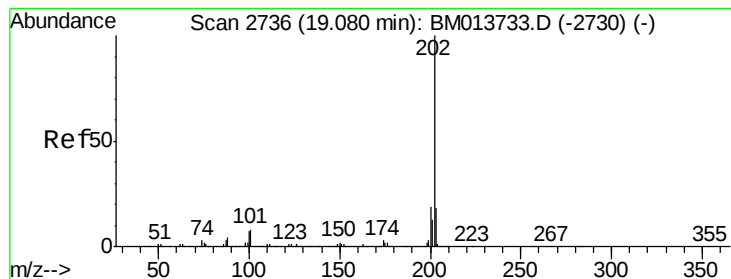
150 9.0 7.1 10.7

104 6.1 5.6 8.4



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: 20.422 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampled :

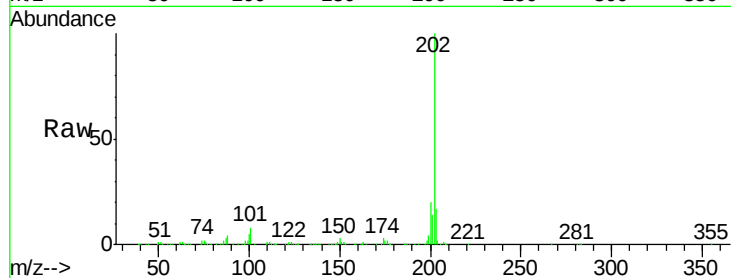
Tot Ion:202 Resp: 1052416

Ion Ratio Lower Upper

202 100

101 7.8 4.6 7.0#

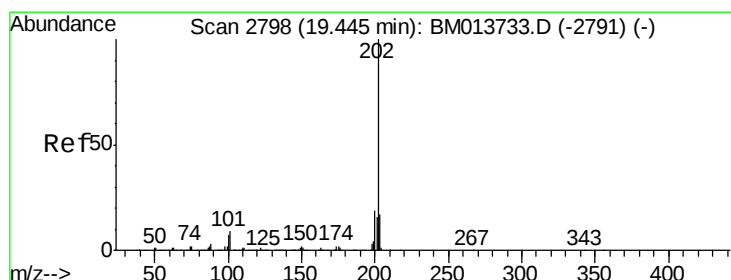
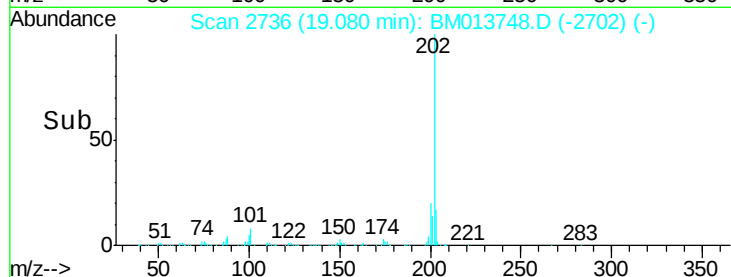
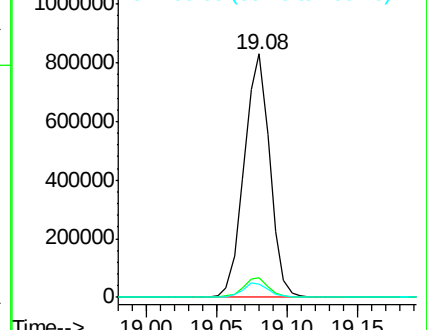
100 5.4 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.790 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

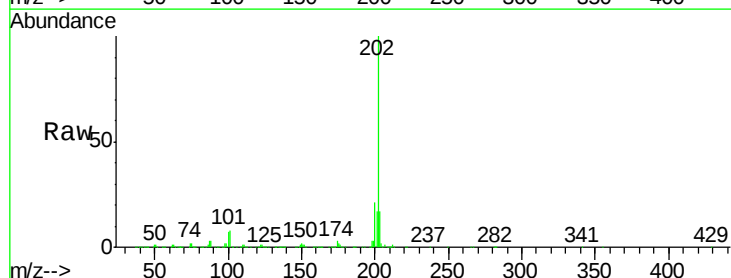
Tgt Ion:202 Resp: 1097911

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

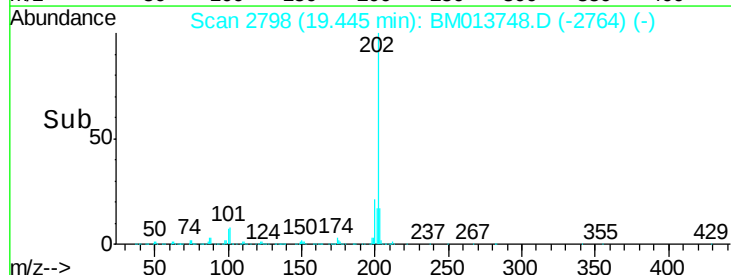
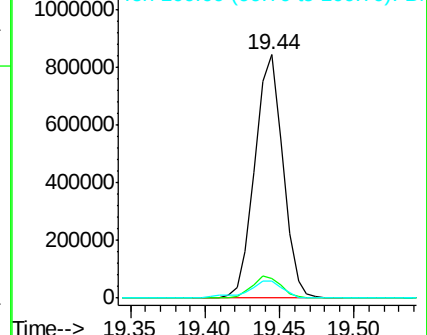
100 7.2 4.9 7.3

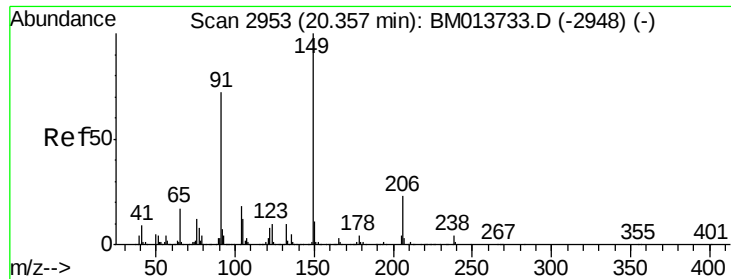


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

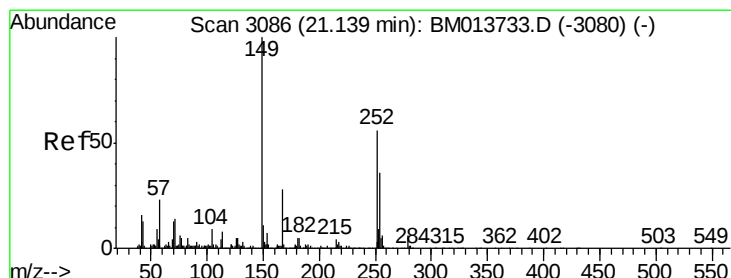
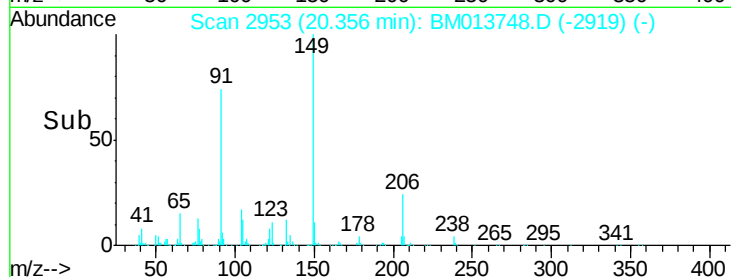
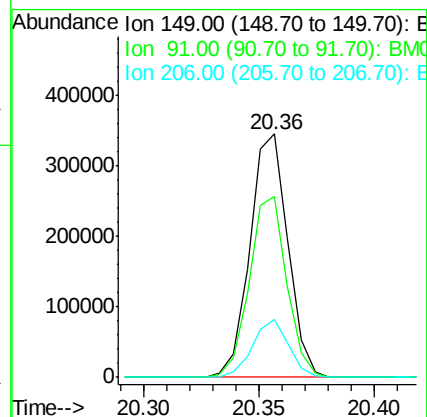
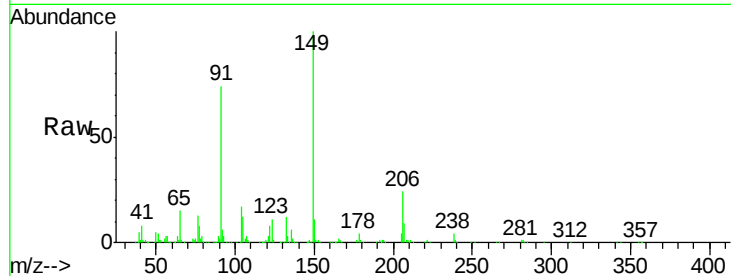




#78
Butylbenzylphthalate
Concen: 21.316 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

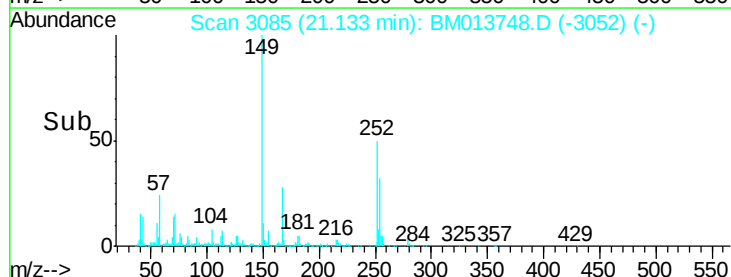
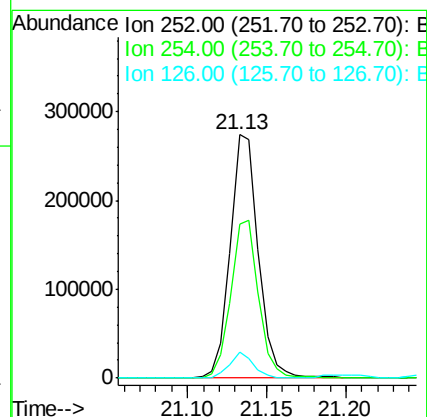
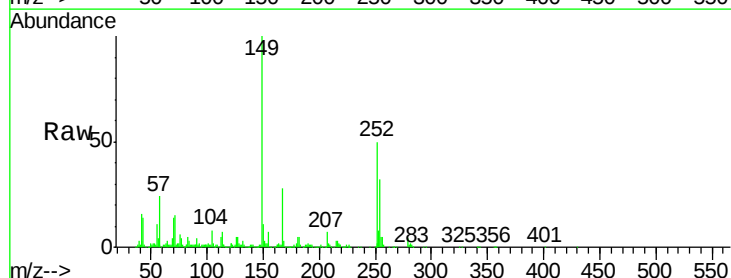
Instrument :
BNA_M
ClientSampleId :

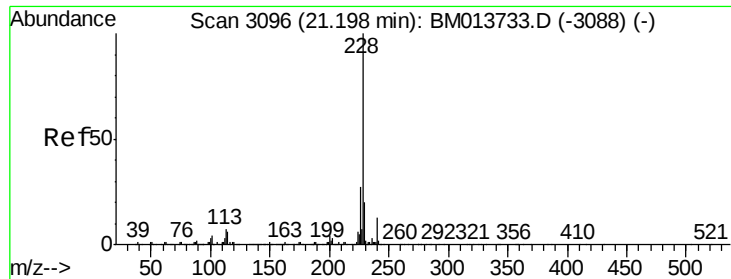
Tot Ion:149 Resp: 396548
Ion Ratio Lower Upper
149 100
91 74.4 62.7 94.1
206 24.0 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 23.438 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM013748.D
Acq: 24 Jan 2018 02:13

Tgt Ion:252 Resp: 336830
Ion Ratio Lower Upper
252 100
254 63.5 54.5 81.7
126 10.5 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 20.948 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

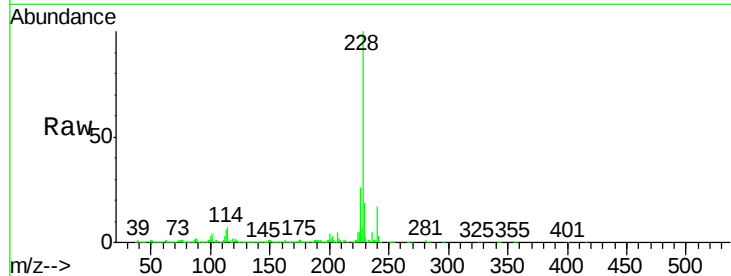
Tot Ion:228 Resp: 1099579

Ion Ratio Lower Upper

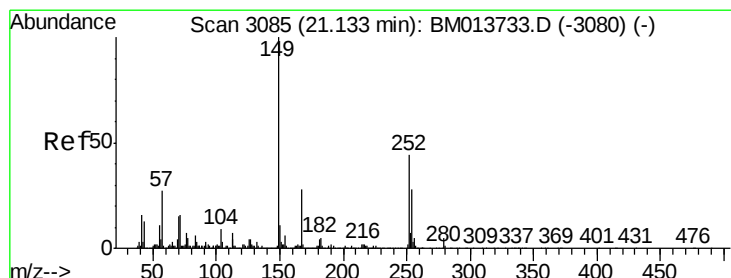
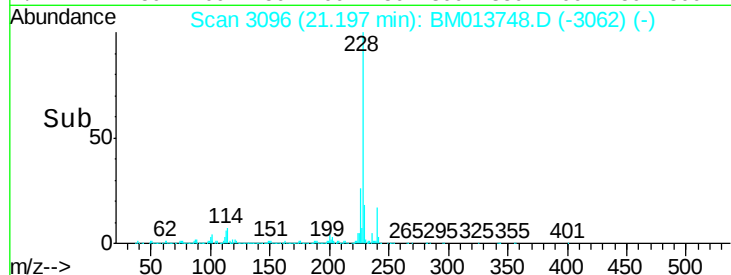
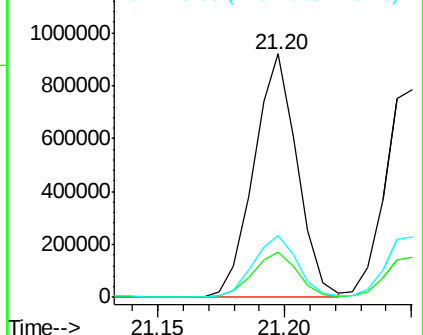
228 100

229 18.5 15.4 23.0

226 25.6 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: 20.334 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

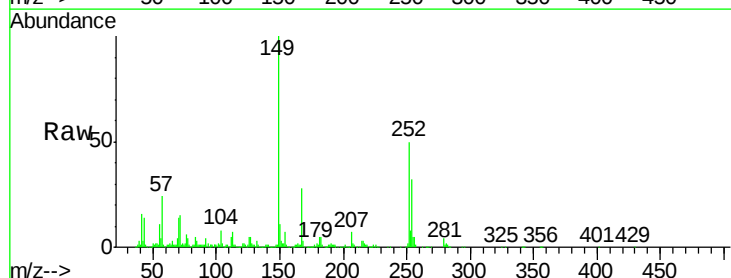
Tgt Ion:149 Resp: 567555

Ion Ratio Lower Upper

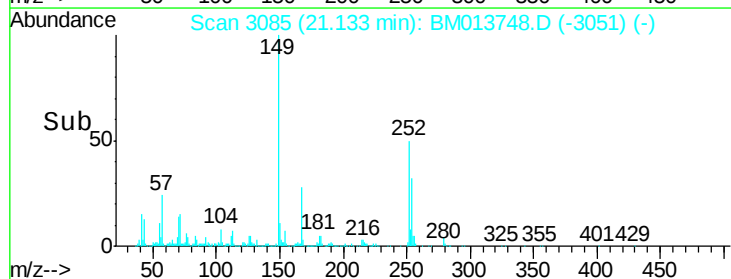
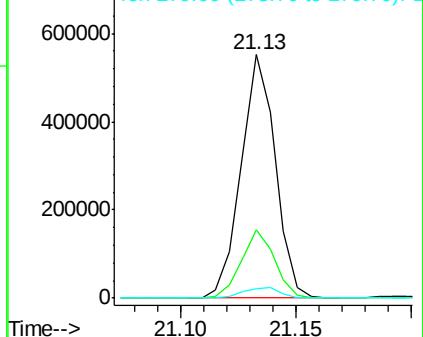
149 100

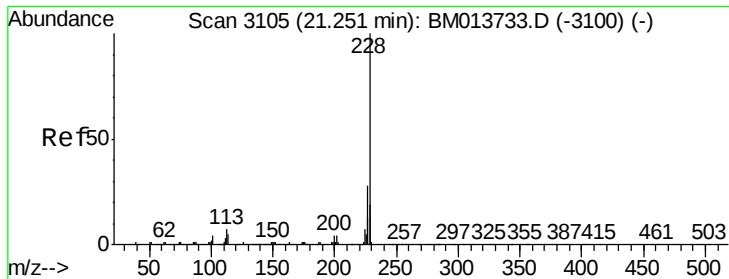
167 27.8 22.8 34.2

279 4.0 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: 20.217 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

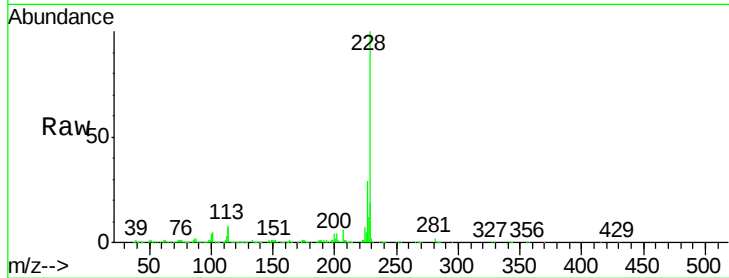
Tot Ion:228 Resp: 973513

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

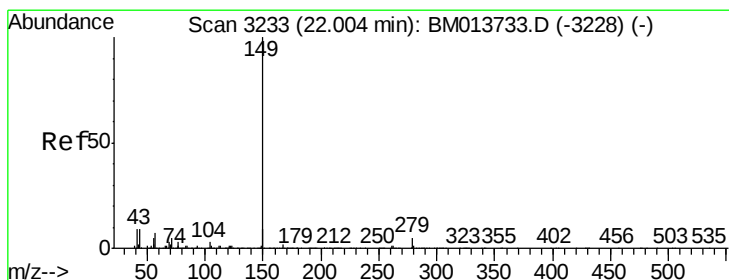
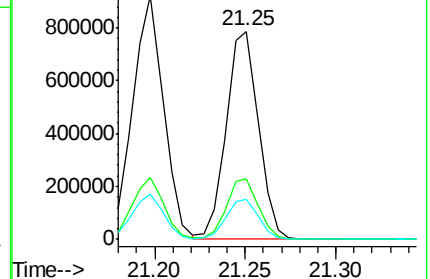
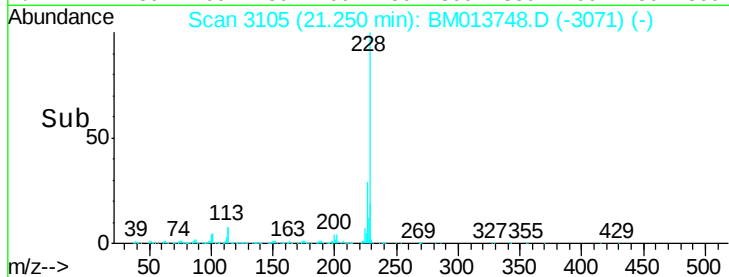
229 19.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.934 ng/ul

RT: 22.00 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

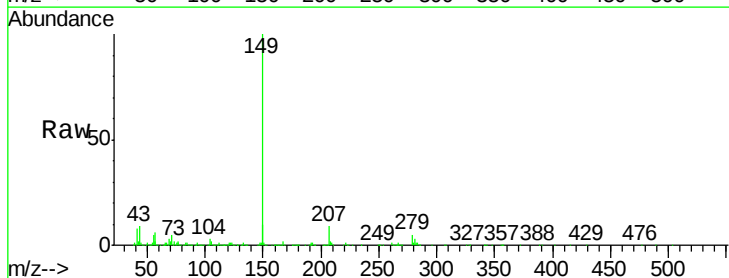
Tgt Ion:149 Resp: 958709

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

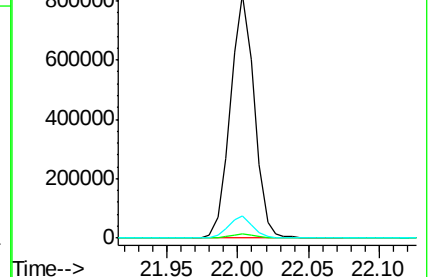
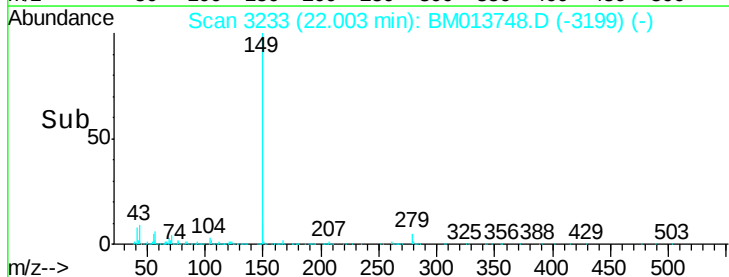
43 9.2 7.3 10.9

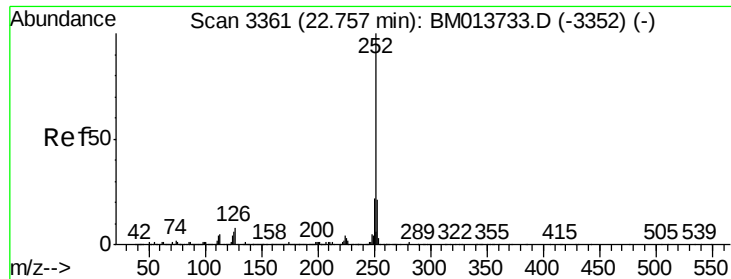


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.867 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

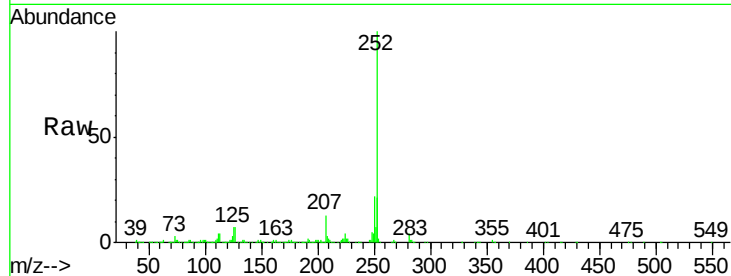
Tot Ion:252 Resp: 1076706

Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

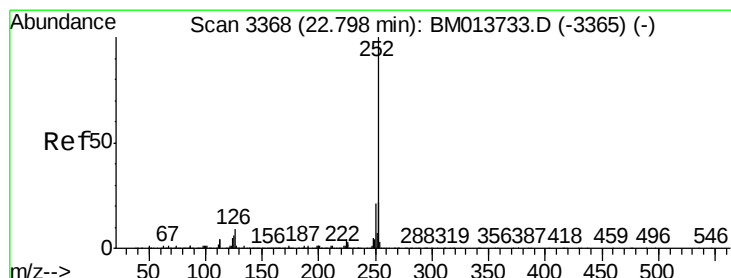
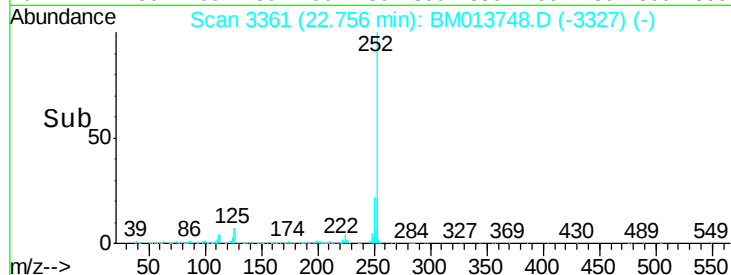
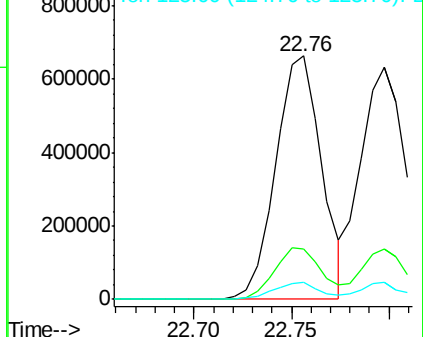
125 6.8 3.6 5.4#



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: 20.490 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

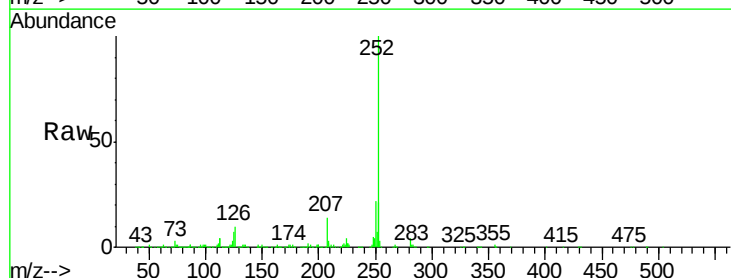
Tgt Ion:252 Resp: 1021916

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

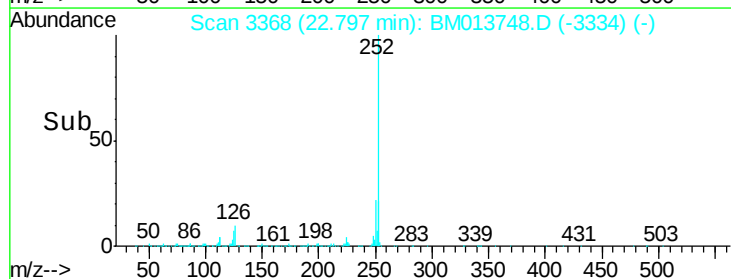
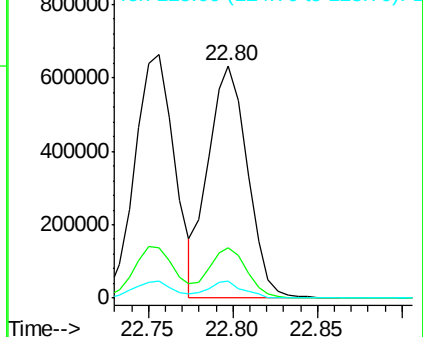
125 7.4 3.4 5.2#

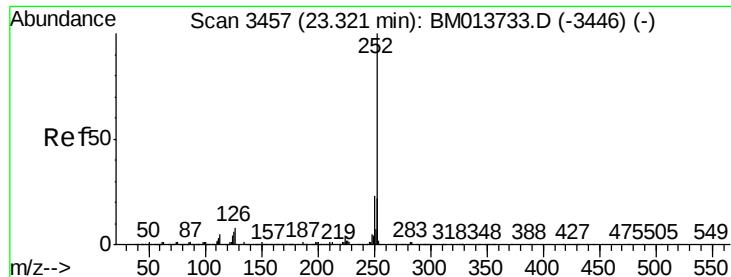


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.642 ng/ul

RT: 23.31 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

Instrument :

BNA_M

ClientSampleId :

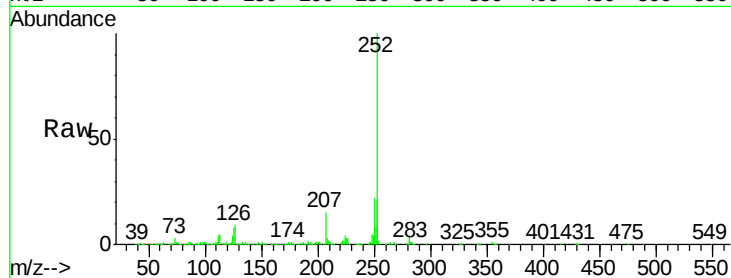
Tot Ion:252 Resp: 1006187

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	7.5	4.0	6.0

252 100

253 21.0 18.2 27.2

125 7.5 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

23.31

200000

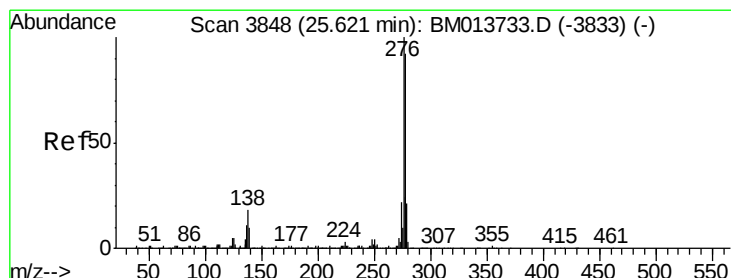
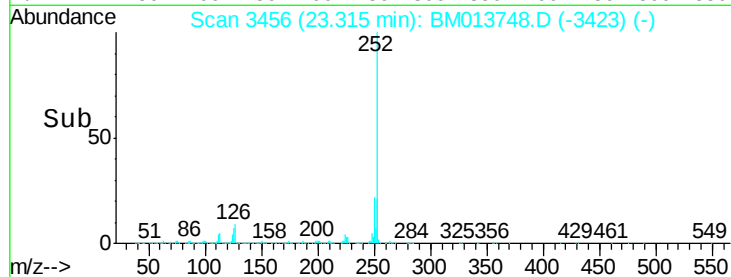
400000

600000

800000

Time-->

23.20 23.30 23.40



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.947 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BM013748.D

Acq: 24 Jan 2018 02:13

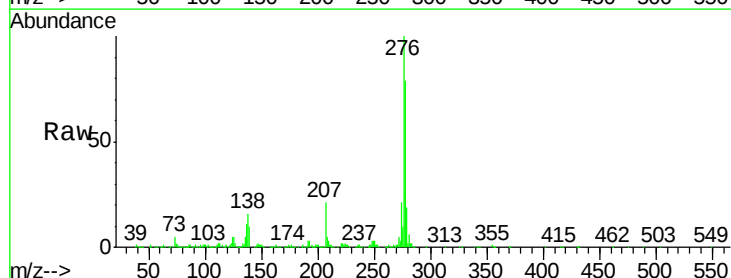
Tgt Ion:276 Resp: 1147780

Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9
277	27.1	19.9	29.9

276 100

138 16.3 9.3 13.9

277 27.1 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

25.61

100000

200000

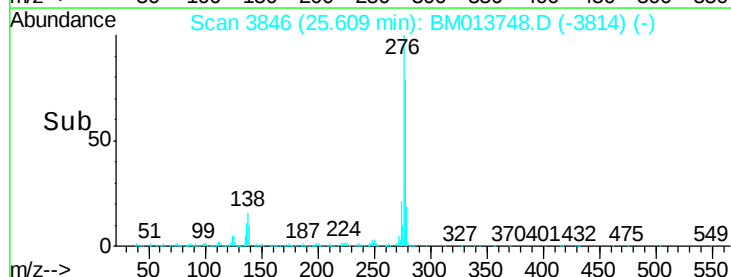
300000

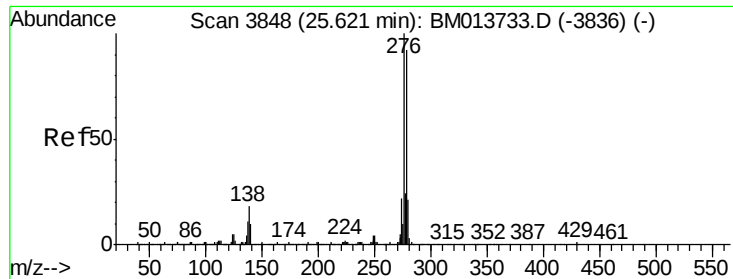
400000

500000

Time-->

25.50 25.60 25.70



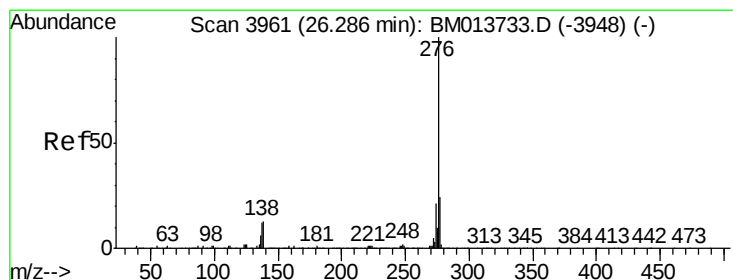
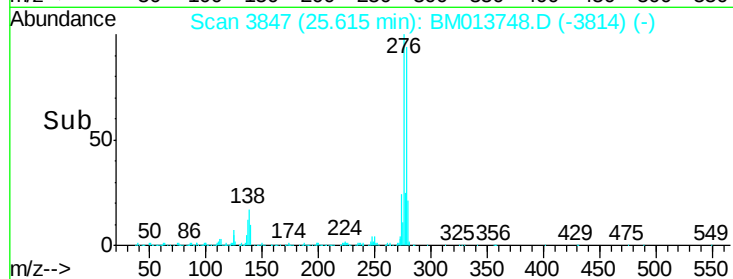
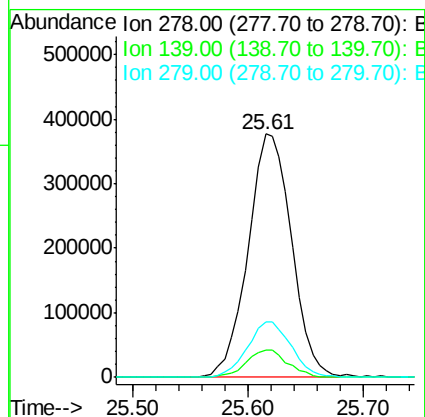
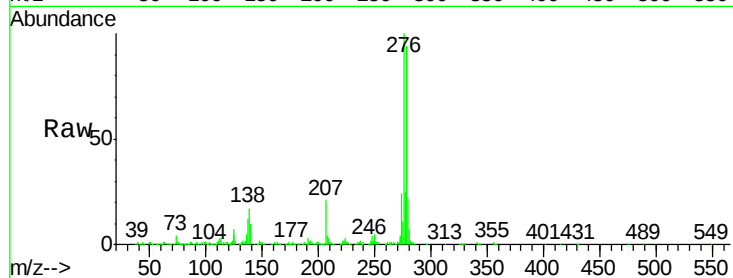


#90

Dibenzo(a,h)anthracene
 Concen: 20.317 ng/ul
 RT: 25.61 min Scan# 3847
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	5.8	8.8#
279	23.0	18.6	27.8



#91

Benzo(g,h,i)perylene
 Concen: 20.240 ng/ul
 RT: 26.28 min Scan# 3960
 Delta R.T. -0.01 min
 Lab File: BM013748.D
 Acq: 24 Jan 2018 02:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	24.3	18.6	28.0

