

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013153.D
 Acq On : 30 Nov 2017 12:15
 Operator : SJ/JU
 Sample : SSTD16008
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 30 12:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 30 11:45:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	179217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	785870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	494510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1174920	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1250919	20.00	ng/ul	0.02
83) Perylene-d12	23.52	264	955473	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	222762	57.58	ng/uL	0.00
5) Phenol-d5	6.90	99	2653415	170.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1433892	162.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	2135300	172.10	ng/ul	0.02
13) 4-Methylphenol-d8	8.44	113	2212820	174.01	ng/ul	0.02
19) Nitrobenzene-d5	8.87	128	1052040	187.84	ng/ul	0.02
22) 2-Nitrophenol-d4	9.59	143	1182948	222.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	2382243	176.15	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	1184676	83.77	ng/ul	0.01
43) Dimethylphthalate-d6	13.78	166	7117513	164.08	ng/ul	0.02
46) Acenaphthylene-d8	14.05	160	9032530	163.43	ng/ul	0.02
51) 4-Nitrophenol-d4	14.60	143	1294565	196.77	ng/ul	0.04
57) Fluorene-d10	15.36	176	6223573	168.83	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.49	200	1387202	272.30	ng/ul	0.03
70) Anthracene-d10	17.20	188	9875646	164.18	ng/ul	0.02
76) Pyrene-d10	19.50	212	11075454	173.31	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.39	264	8521098	175.87	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	246034	57.882	ng/uL#	62
4) Benzaldehyde	6.86	77	1213620	145.064	ng/ul	89
6) Phenol	6.93	94	2591395	169.129	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	1920845	166.509	ng/ul	100
10) 2-Chlorophenol	7.29	128	2075823	169.037	ng/ul	96
11) 2-Methylphenol	8.16	108	2004745	172.377	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1991131	152.141	ng/ul#	81
14) Acetophenone	8.55	105	3269576	167.770	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.56	70	1617297	161.807	ng/ul#	68
16) 4-Methylphenol	8.51	108	2108767	170.747	ng/ul	96
17) Hexachloroethane	8.78	117	860289	165.414	ng/ul#	79
20) Nitrobenzene	8.92	77	2448493	174.967	ng/ul	94
21) Isophorone	9.46	82	4553740	158.804	ng/ul#	93
23) 2-Nitrophenol	9.62	139	1199638	206.911	ng/ul#	79
24) 2,4-Dimethylphenol	9.69	107	2500910	163.976	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.92	93	2637709	160.303	ng/ul	95
27) 2,4-Dichlorophenol	10.16	162	2201029	175.144	ng/ul	91
28) Naphthalene	10.55	128	6635942	163.876	ng/ul	100
30) 4-Chloroaniline	10.66	127	1182986	87.260	ng/ul	94
31) Hexachlorobutadiene	10.82	225	1483967	163.991	ng/ul	95
32) Caprolactam	11.50	113	414656	105.078	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.81	107	2327917	173.913	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	5060127	170.794	ng/ul	95

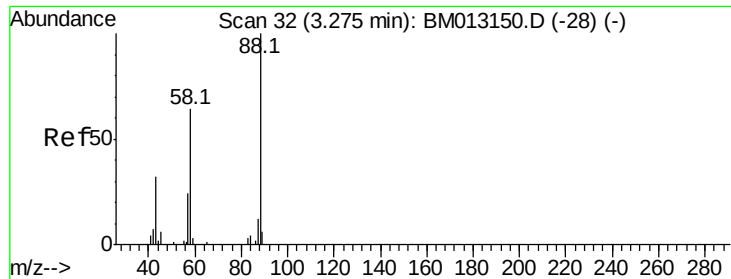
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	2909804	161.768	ng/ul	97
37) Hexachlorocyclopentadiene	12.51	237	2059153	154.794	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	1934409	178.446	ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	2042859	180.238	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	6805651	163.344	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	5274819	159.732	ng/ul	98
42) 2-Nitroaniline	13.45	65	1618636	230.799	ng/ul	90
44) Dimethylphthalate	13.83	163	6783766	163.549	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	1501988	237.324	ng/ul	95
47) Acenaphthylene	14.08	152	8301466	163.047	ng/ul	99
48) 3-Nitroaniline	14.28	138	1176411	198.458	ng/ul	86
49) Acenaphthene	14.42	153	5643475	164.934	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	942223	310.986	ng/ul	91
52) 4-Nitrophenol	14.62	109	1231620	206.583	ng/ul#	81
53) Dibenzofuran	14.76	168	8176397	166.823	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	2162386	244.256	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.99	232	1949762	205.418	ng/ul#	89
56) Diethylphthalate	15.20	149	7035202	167.760	ng/ul	96
58) Fluorene	15.41	166	7031051	174.190	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	3757707	176.222	ng/ul	97
60) 4-Nitroaniline	15.47	138	1456367	186.824	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.51	198	1384206	250.178	ng/ul#	91
64) N-Nitrosodiphenylamine	15.63	169	5975500	161.996	ng/ul	97
65) 4-Bromophenyl-phenylether	16.30	248	2400120	168.658	ng/ul	97
66) Hexachlorobenzene	16.41	284	2525171	164.418	ng/ul#	93
67) Atrazine	16.59	200	1723915	122.011	ng/ul	92
68) Pentachlorophenol	16.75	266	1627924	205.519	ng/ul	98
69) Phenanthrene	17.14	178	11180340	169.180	ng/ul	100
71) Anthracene	17.24	178	11278928	164.488	ng/ul	98
72) Carbazole	17.51	167	9799243	165.256	ng/ul	99
73) Di-n-butylphthalate	18.07	149	11760347	155.699	ng/ul#	96
74) Fluoranthene	19.16	202	12929729	161.871	ng/ul#	85
77) Pyrene	19.53	202	12404246	159.251	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	5879495	181.666	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.22	252	4316959	167.907	ng/ul#	96
80) Benzo(a)anthracene	21.27	228	12752696	159.291	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.21	149	9132335	191.456	ng/ul#	98
82) Chrysene	21.33	228	11569912	155.847	ng/ul	97
84) Di-n-octyl phthalate	22.09	149	12783240	203.026	ng/ul	96
85) Benzo(b)fluoranthene	22.86	252	11600525	187.871	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	10681508	187.897	ng/ul#	98
88) Benzo(a)pyrene	23.44	252	9900843	172.176	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.78	276	9563307	142.376	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.80	278	8185010	143.848	ng/ul#	96
91) Benzo(g,h,i)perylene	26.47	276	7532173	134.958	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 57.882 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

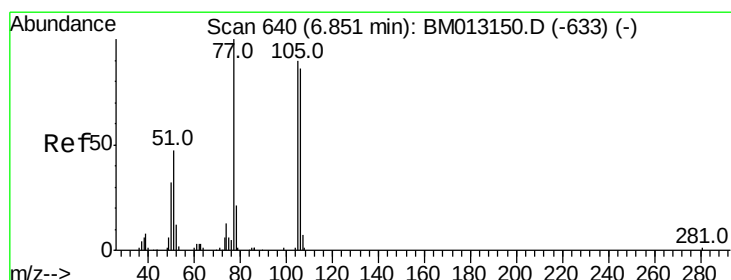
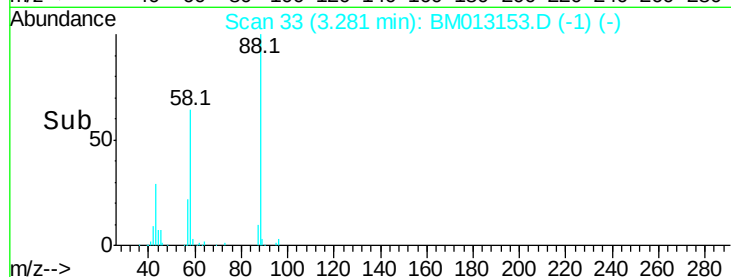
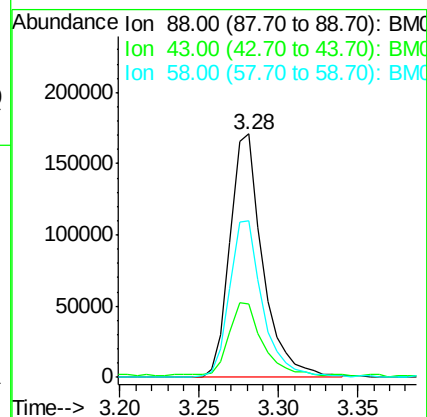
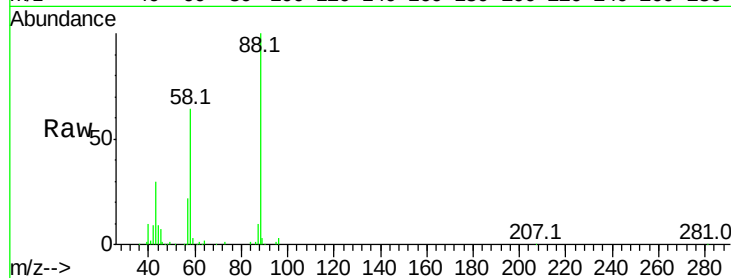
Tot Ion: 88 Resp: 246034

Ion Ratio Lower Upper

88 100

43 30.1 48.0 72.0#

58 63.6 80.0 120.0#



#4

Benzaldehyde

Concen: 145.064 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

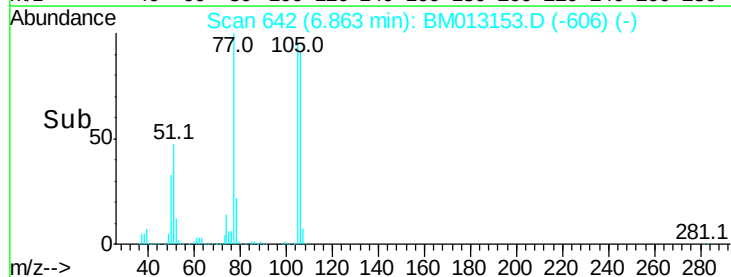
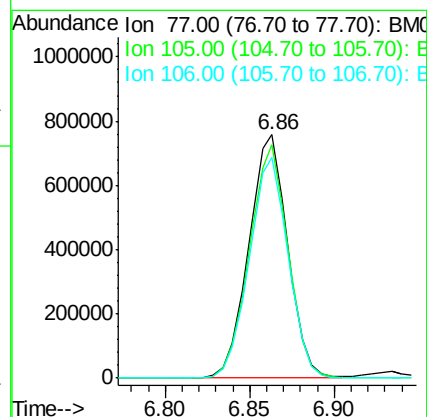
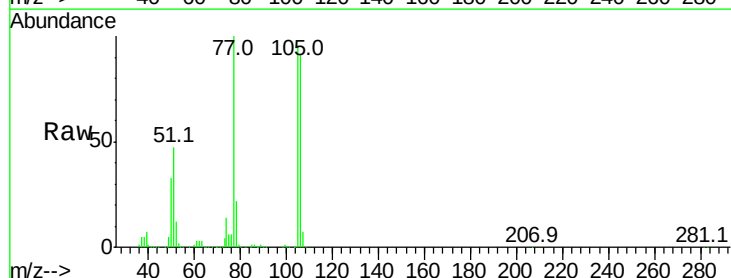
Tgt Ion: 77 Resp: 1213620

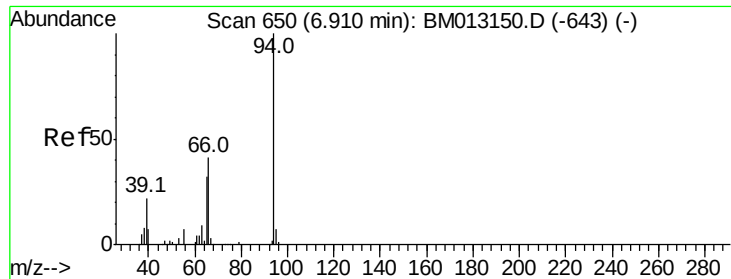
Ion Ratio Lower Upper

77 100

105 95.7 66.1 99.1

106 90.8 67.8 101.6





#6

Phenol

Concen: 169.129 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

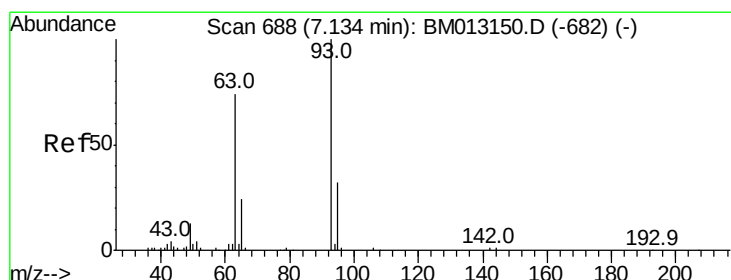
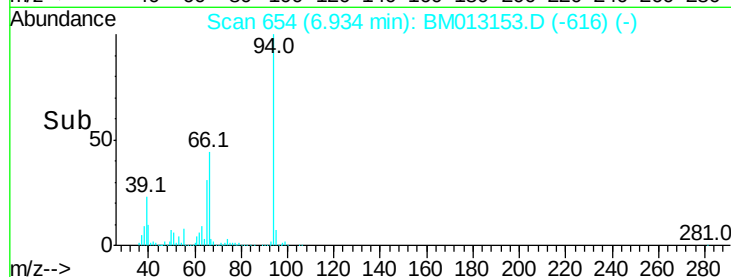
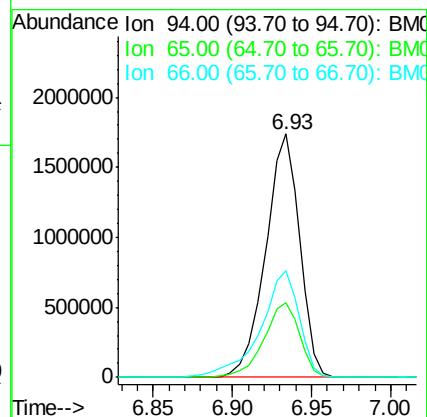
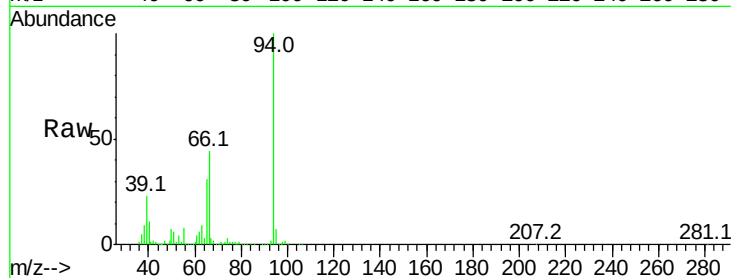
Tot Ion: 94 Resp: 2591395

Ion Ratio Lower Upper

94 100

65 30.8 28.2 42.4

66 44.0 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 166.509 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

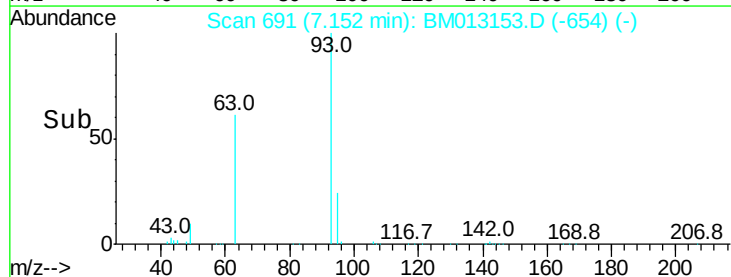
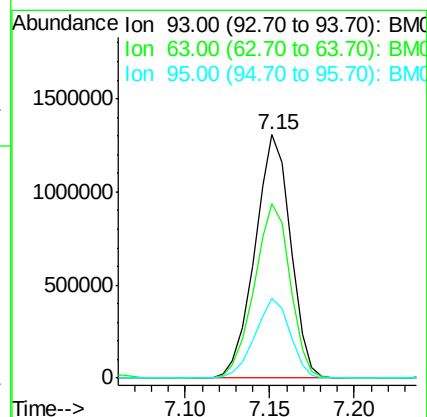
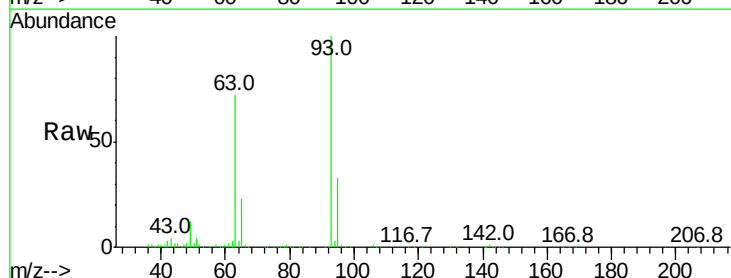
Tgt Ion: 93 Resp: 1920845

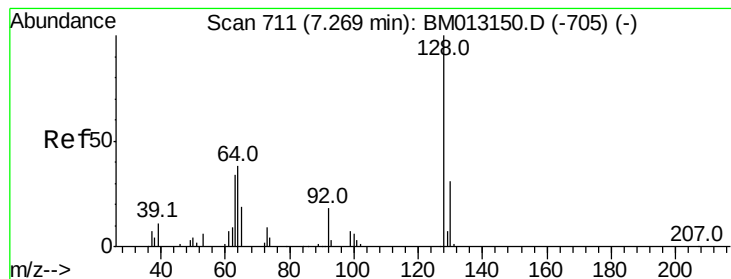
Ion Ratio Lower Upper

93 100

63 71.7 57.3 85.9

95 32.7 26.6 39.8





#10

2-Chlorophenol

Concen: 169.037 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

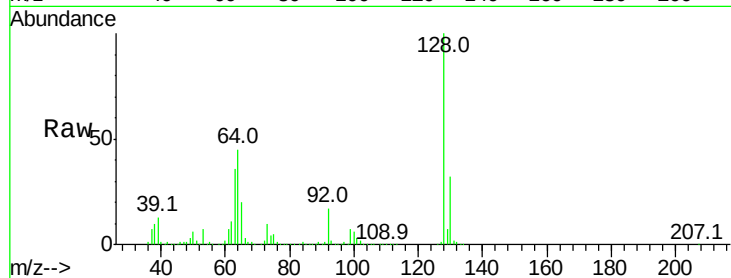
Tot Ion:128 Resp: 2075823

Ion Ratio Lower Upper

128 100

64 44.7 38.0 57.0

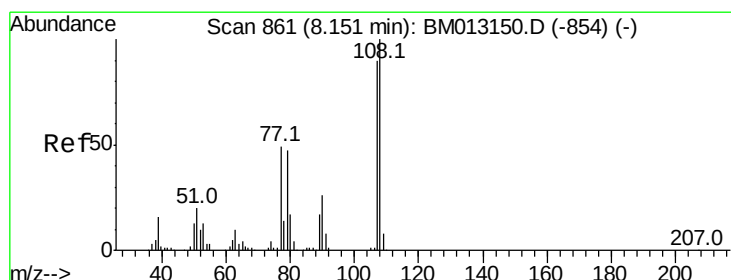
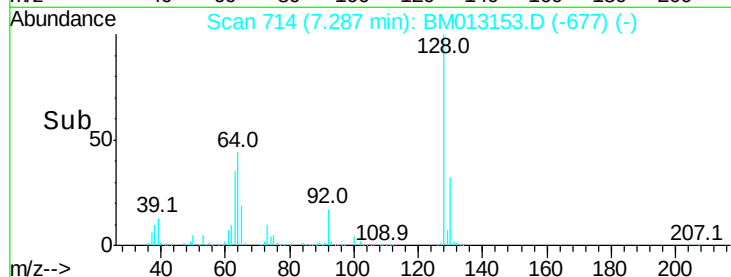
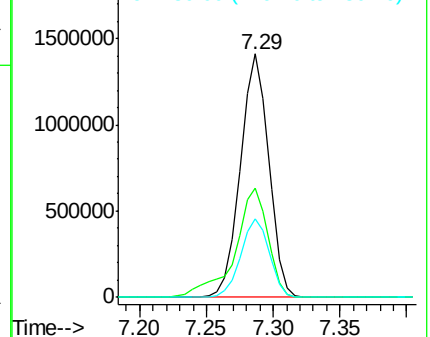
130 32.0 24.4 36.6



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: 172.377 ng/ul

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM013153.D

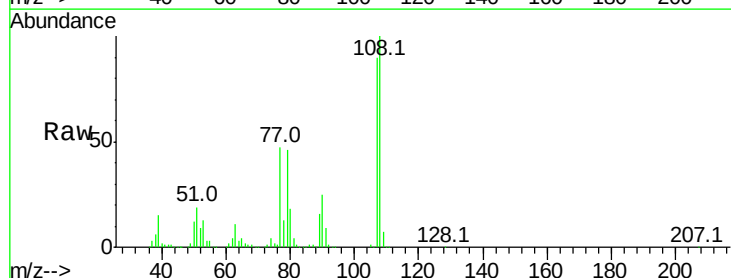
Acq: 30 Nov 2017 12:15

Tgt Ion:108 Resp: 2004745

Ion Ratio Lower Upper

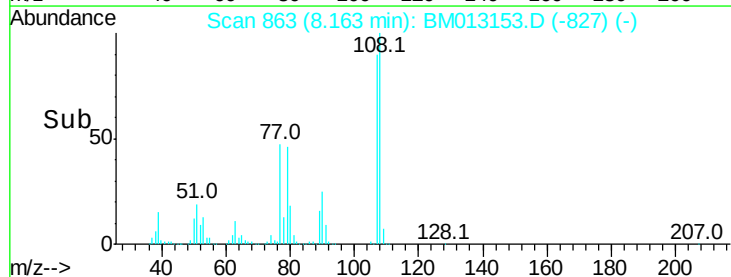
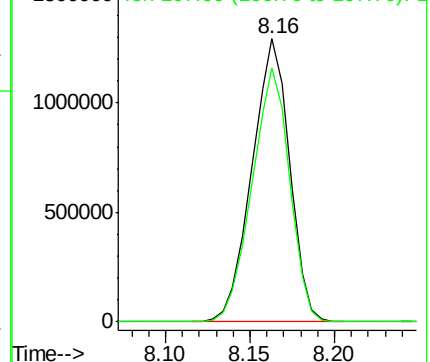
108 100

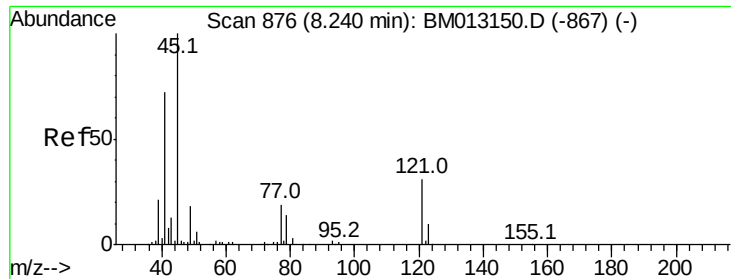
107 89.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

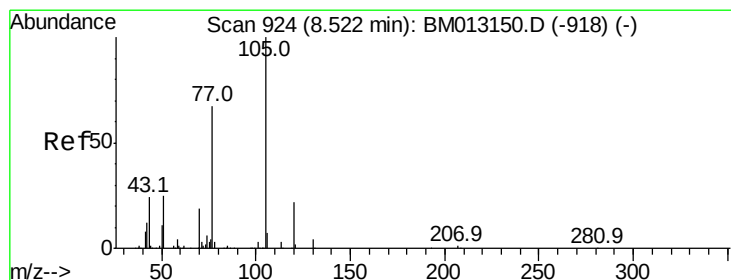
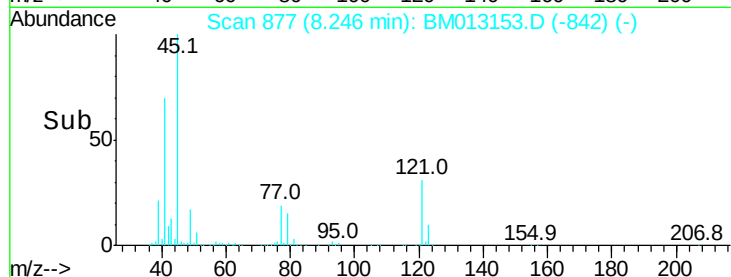
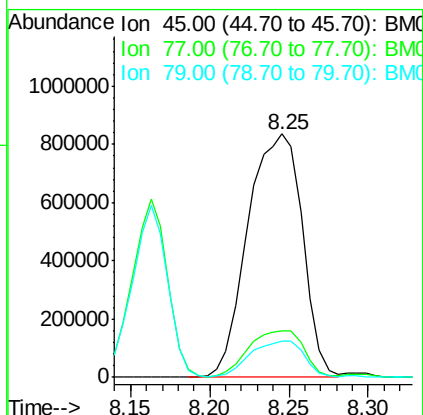
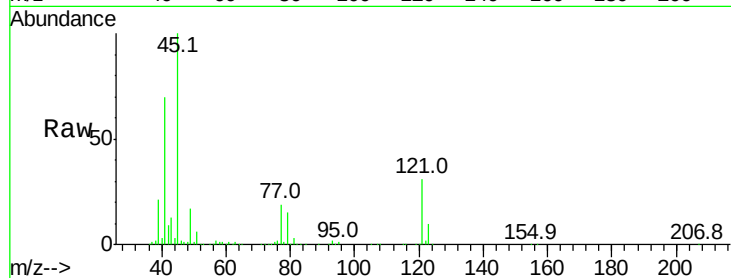




#12
2,2'-oxybis(1-Chloropropane)
Concen: 152.141 ng/ul
RT: 8.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

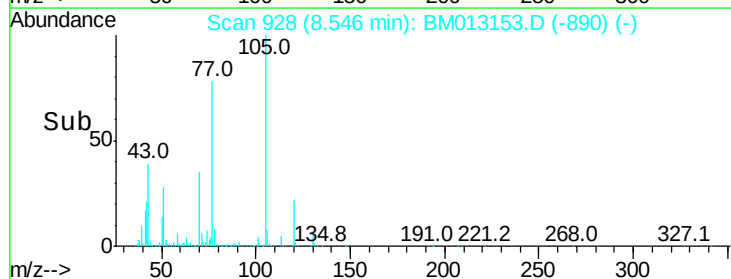
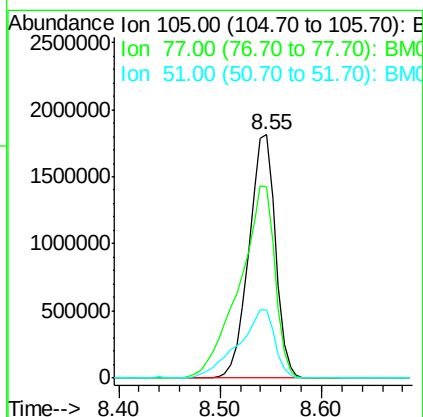
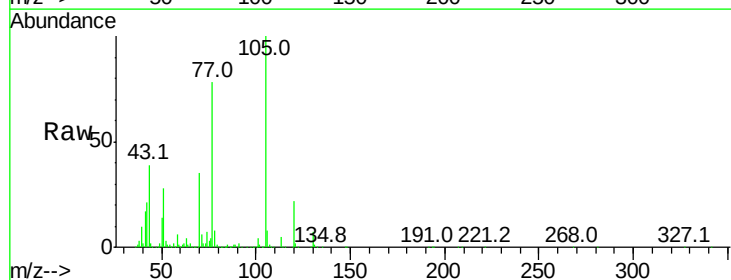
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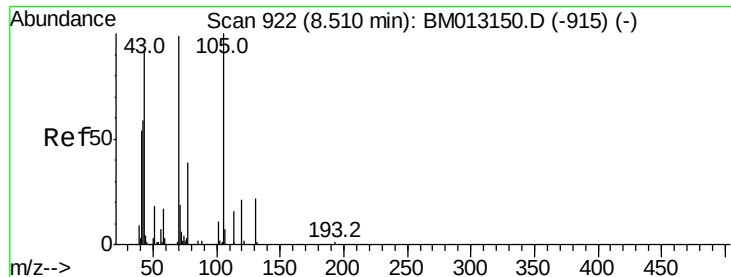
Tot Ion: 45 Resp: 1991131
Ion Ratio Lower Upper
45 100
77 19.0 8.0 12.0#
79 14.9 8.0 12.0#



#14
Acetophenone
Concen: 167.770 ng/ul
RT: 8.55 min Scan# 928
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion: 105 Resp: 3269576
Ion Ratio Lower Upper
105 100
77 78.3 74.2 111.4
51 28.2 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 161.807 ng/ul

RT: 8.56 min Scan# 930

Delta R.T. 0.05 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 1617297

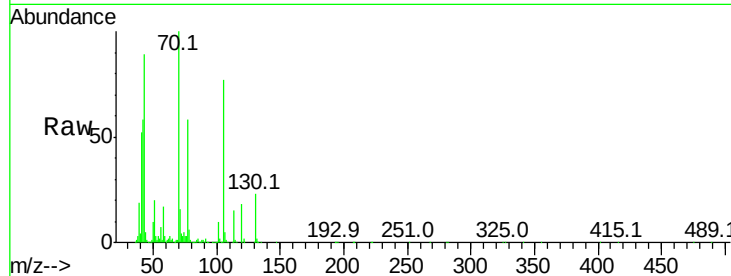
Ion Ratio Lower Upper

70 100

42 57.6 76.0 114.0#

101 9.9 6.7 10.1

130 22.8 14.6 22.0#

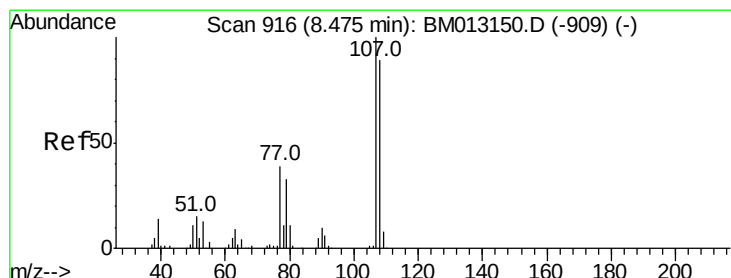
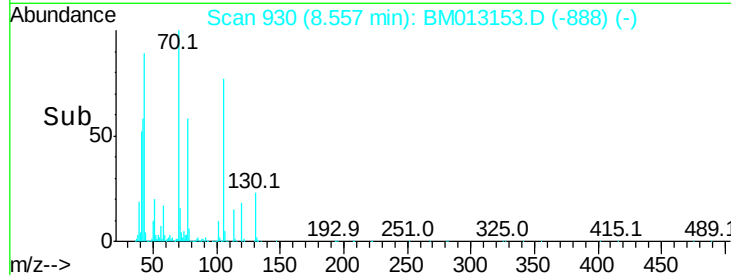
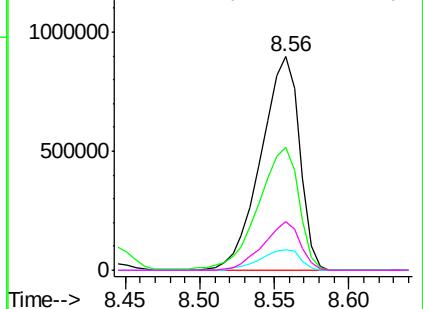


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 170.747 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. 0.04 min

Lab File: BM013153.D

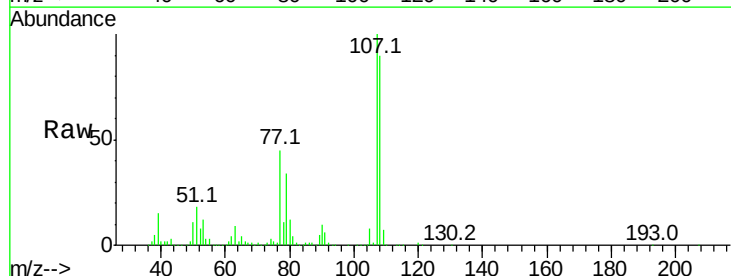
Acq: 30 Nov 2017 12:15

Tgt Ion:108 Resp: 2108767

Ion Ratio Lower Upper

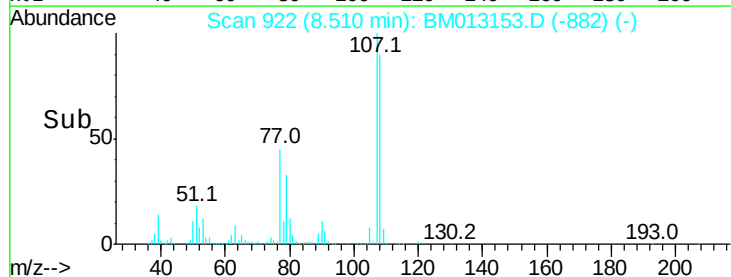
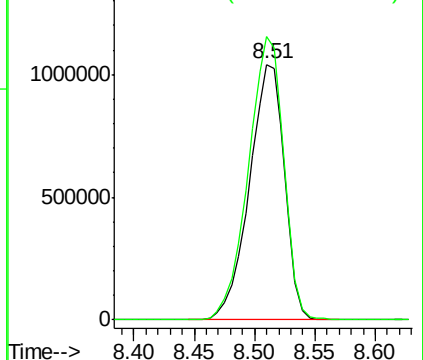
108 100

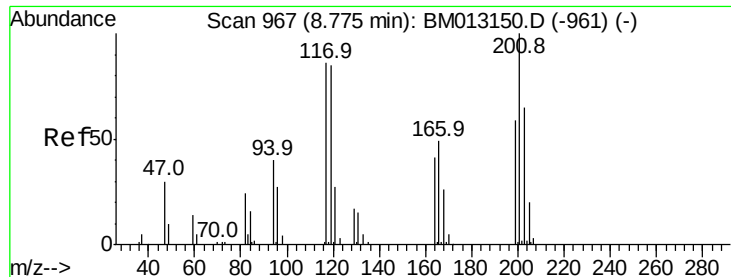
107 110.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 165.414 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

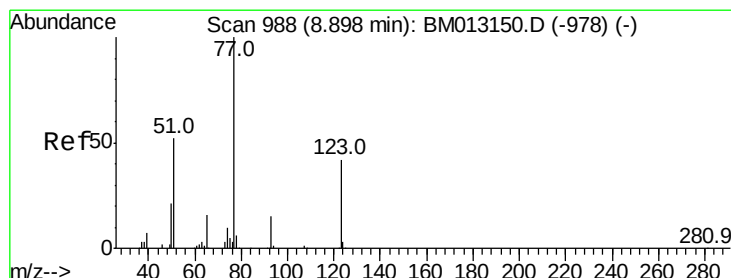
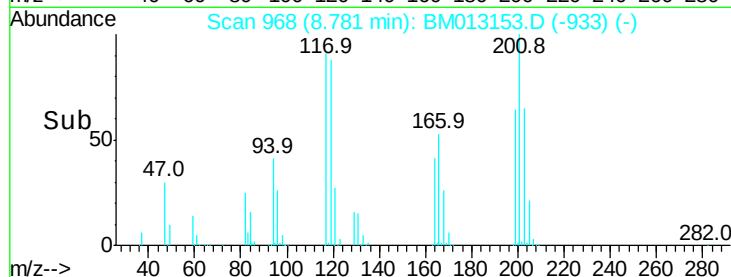
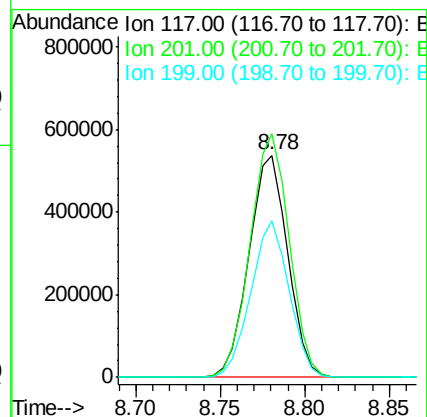
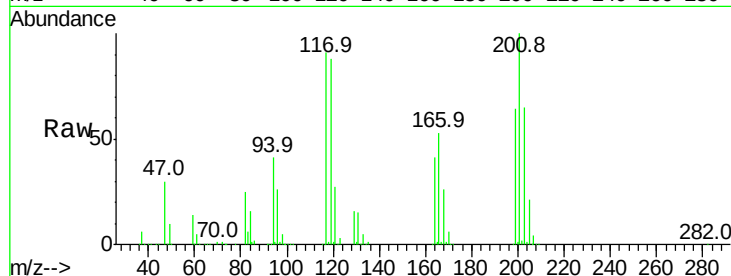
Tot Ion:117 Resp: 860289

Ion Ratio Lower Upper

117 100

201 109.7 111.6 167.4#

199 70.4 67.8 101.6



#20

Nitrobenzene

Concen: 174.967 ng/ul

RT: 8.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

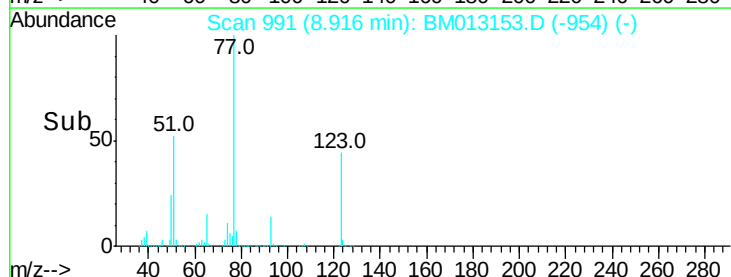
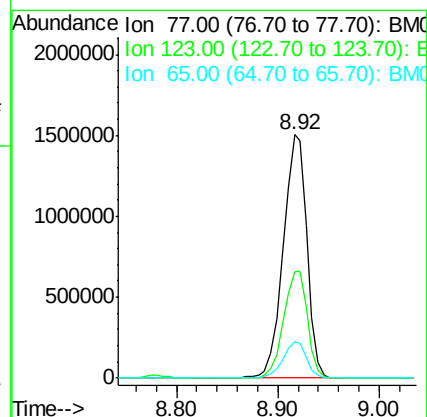
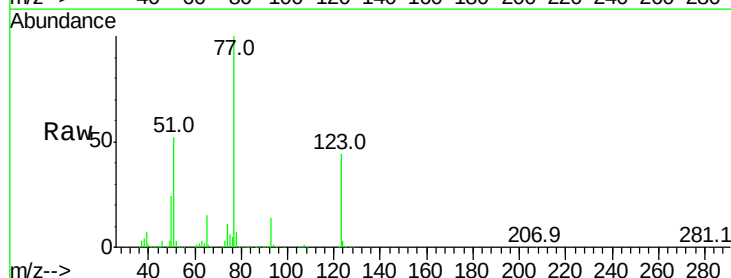
Tgt Ion: 77 Resp: 2448493

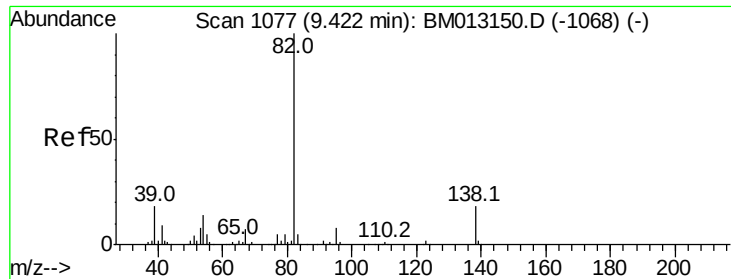
Ion Ratio Lower Upper

77 100

123 43.6 31.0 46.6

65 14.9 12.2 18.2

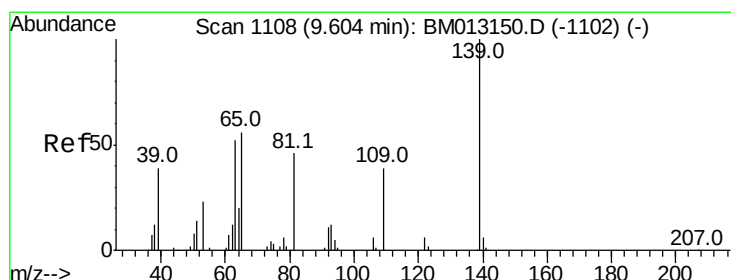
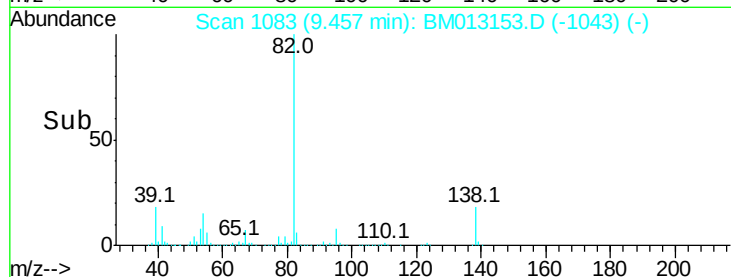
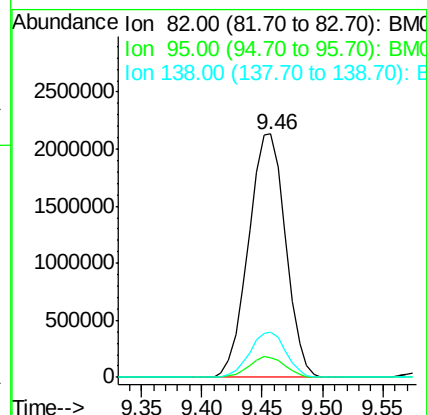
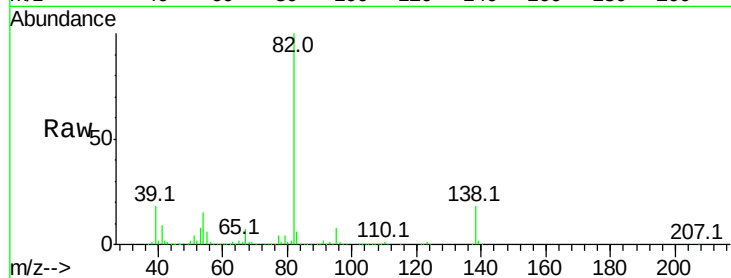




#21
Isophorone
Concen: 158.804 ng/ul
RT: 9.46 min Scan# 1083
Delta R.T. 0.04 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

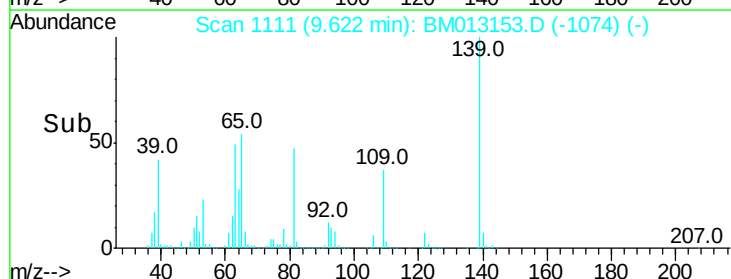
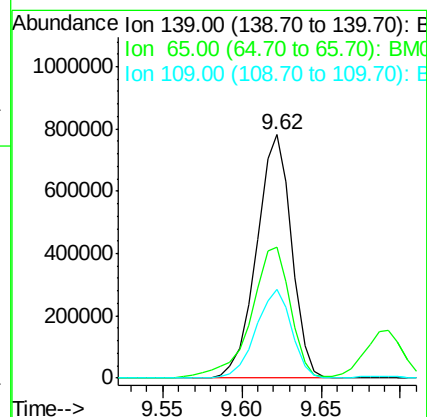
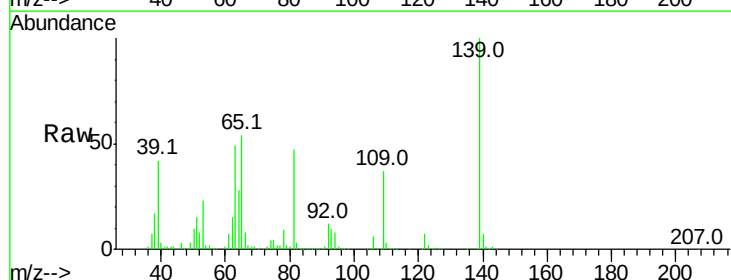
Instrument :
BNA_M
ClientSampleId :

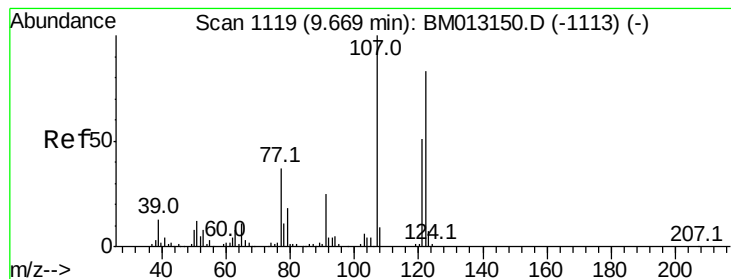
Tot Ion: 82 Resp: 4553740
Ion Ratio Lower Upper
82 100
95 8.3 7.8 11.8
138 18.4 11.9 17.9#



#23
2-Nitrophenol
Concen: 206.911 ng/ul
RT: 9.62 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion: 139 Resp: 1199638
Ion Ratio Lower Upper
139 100
65 53.8 55.4 83.0#
109 36.6 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 163.976 ng/ul

RT: 9.69 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

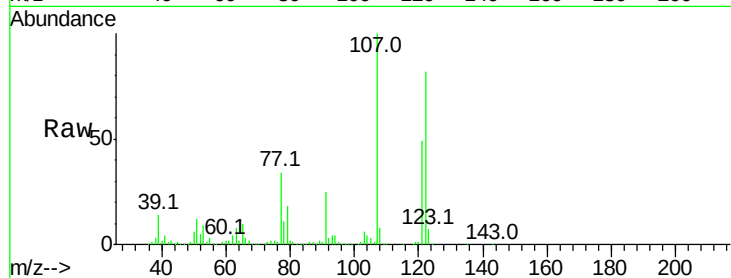
Tot Ion:107 Resp: 2500910

Ion Ratio Lower Upper

107 100

121 48.6 31.9 47.9#

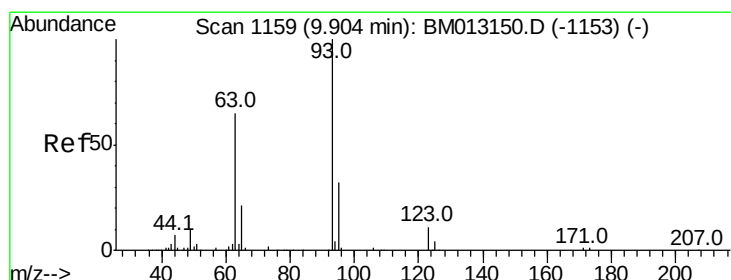
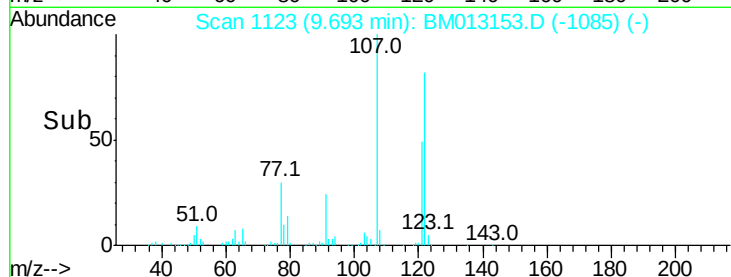
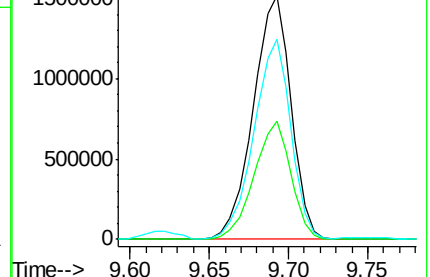
122 82.3 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 160.303 ng/ul

RT: 9.92 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

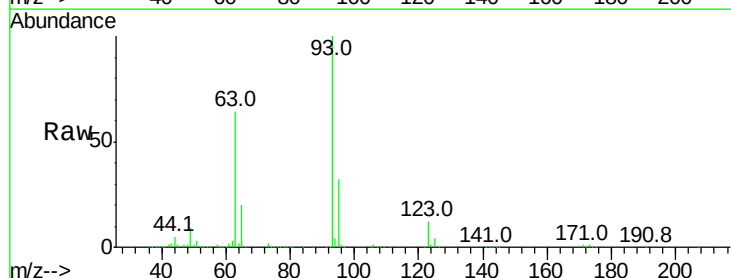
Tgt Ion: 93 Resp: 2637709

Ion Ratio Lower Upper

93 100

95 32.3 28.5 42.7

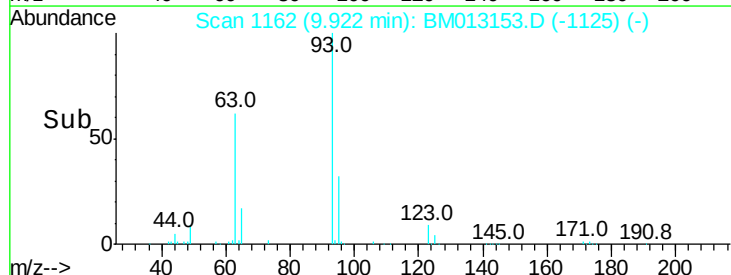
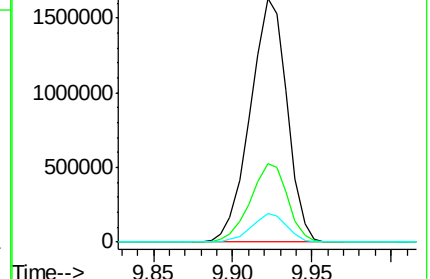
123 11.5 8.9 13.3

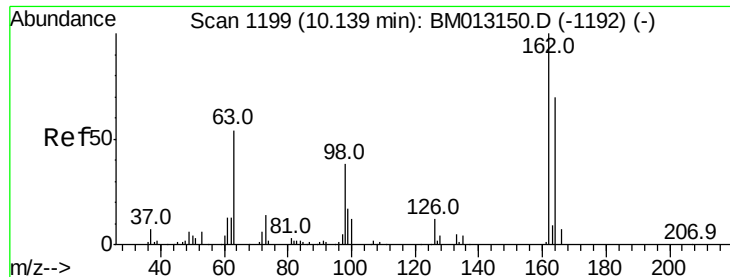


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

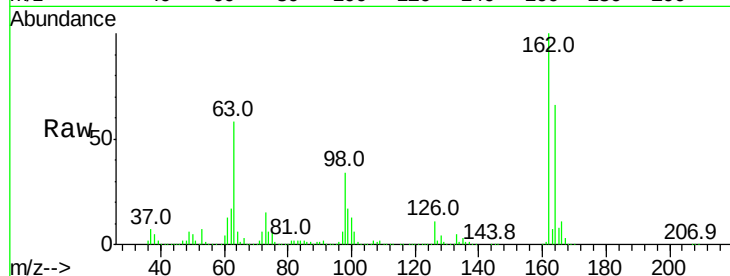




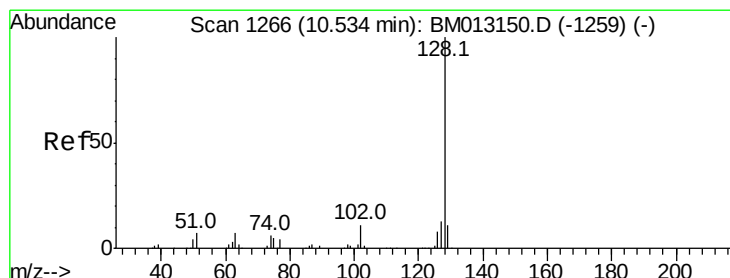
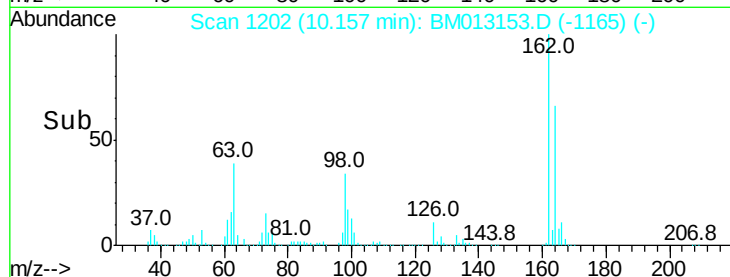
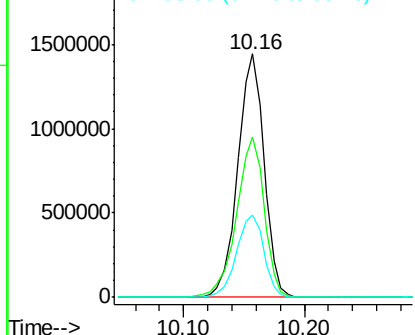
#27
2,4-Dichlorophenol
Concen: 175.144 ng/ul
RT: 10.16 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2201029
Ion Ratio Lower Upper
162 100
164 65.7 47.8 71.6
98 34.0 23.0 34.4

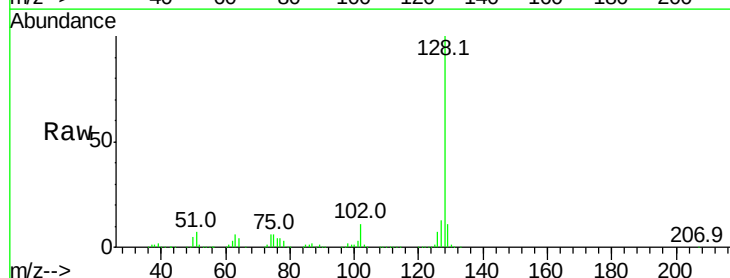


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

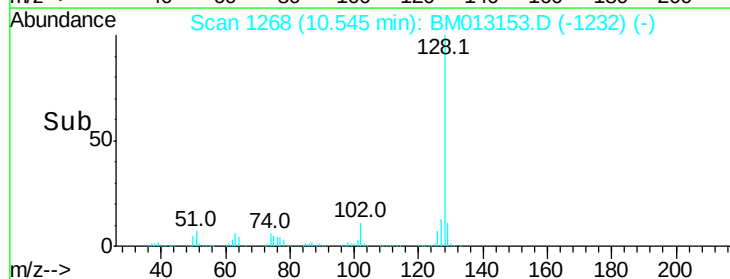
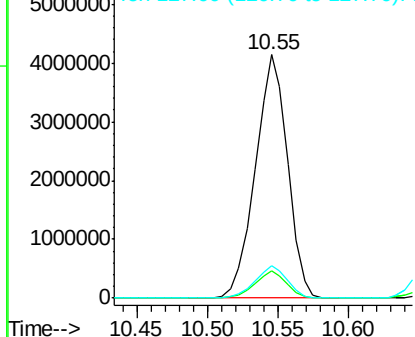


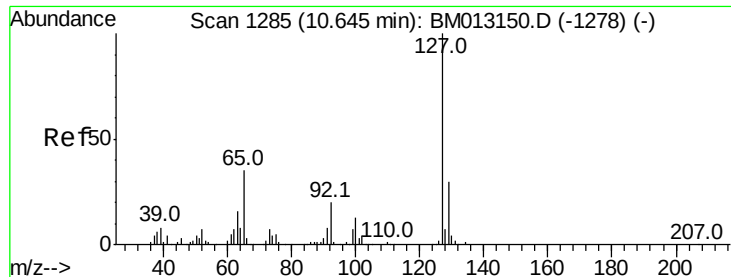
#28
Naphthalene
Concen: 163.876 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:128 Resp: 6635942
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 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

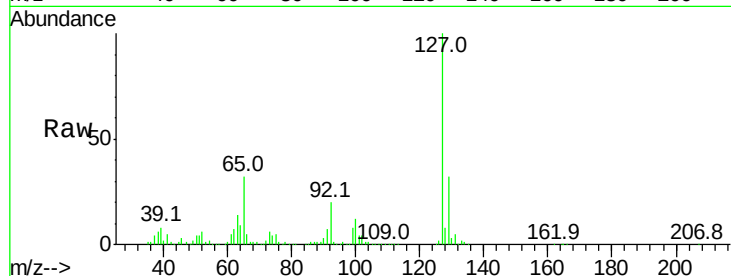




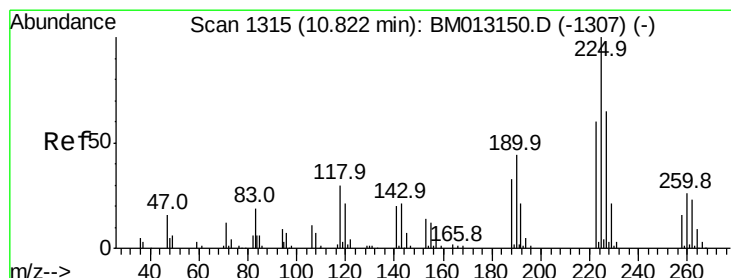
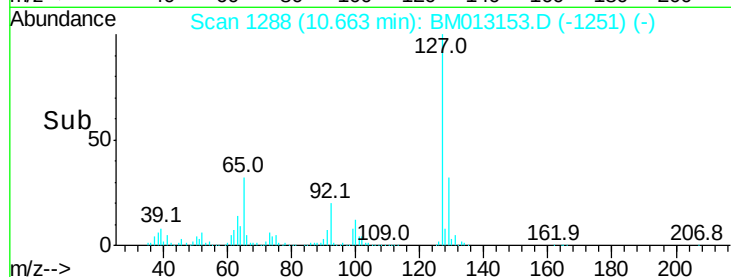
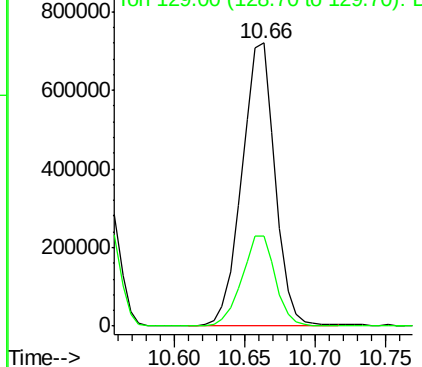
#30
4-Chloroaniline
Concen: 87.260 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1182986
Ion Ratio Lower Upper
127 100
129 31.8 28.4 42.6

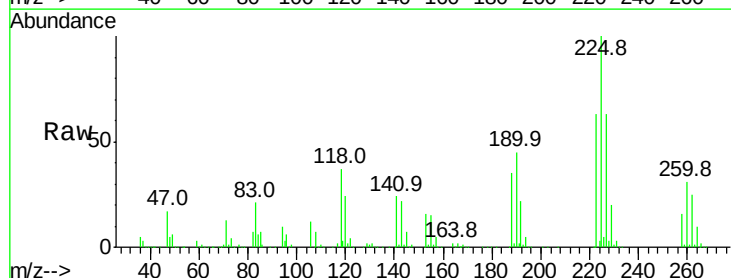


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

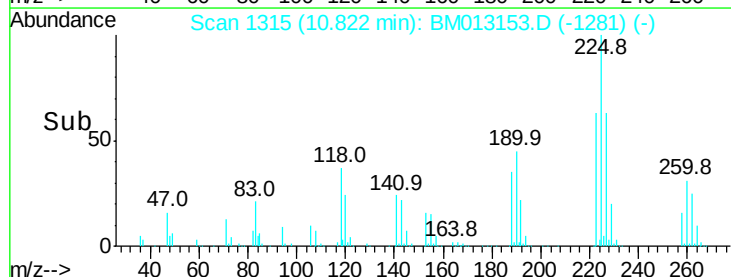
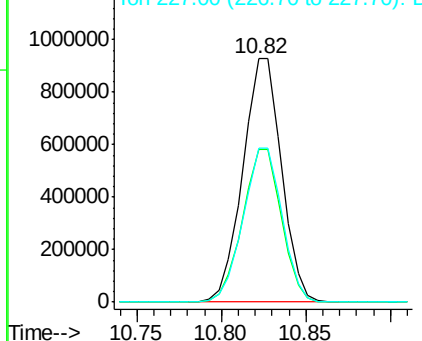


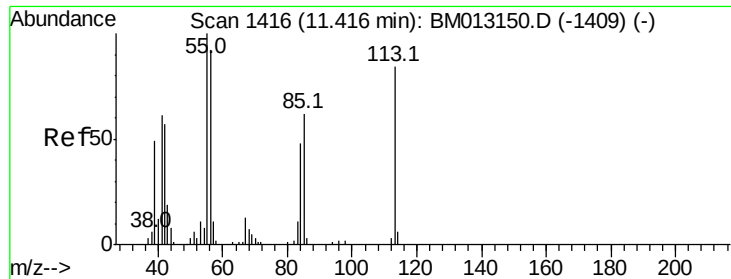
#31
Hexachlorobutadiene
Concen: 163.991 ng/ul
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:225 Resp: 1483967
Ion Ratio Lower Upper
225 100
223 62.9 49.4 74.2
227 63.2 45.4 68.2



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





#32

Caprolactam

Concen: 105.078 ng/ul

RT: 11.50 min Scan# 1431

Delta R.T. 0.09 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

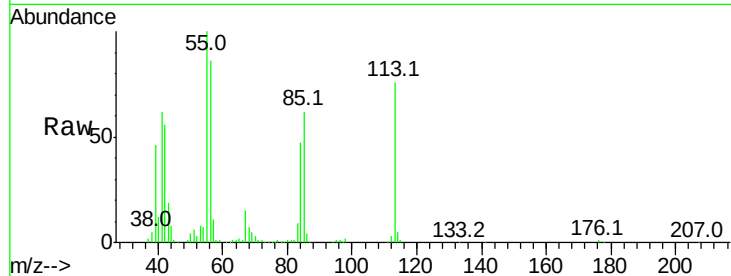
Tot Ion:113 Resp: 414656

Ion Ratio Lower Upper

113 100

55 130.8 208.0 312.0#

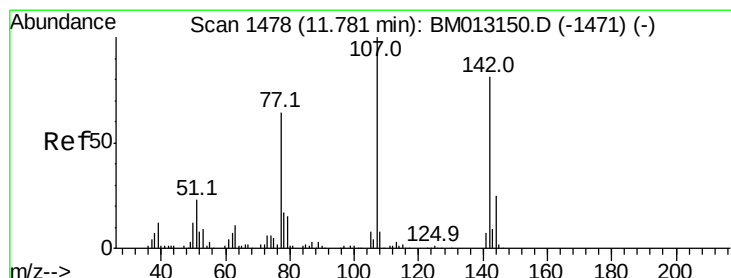
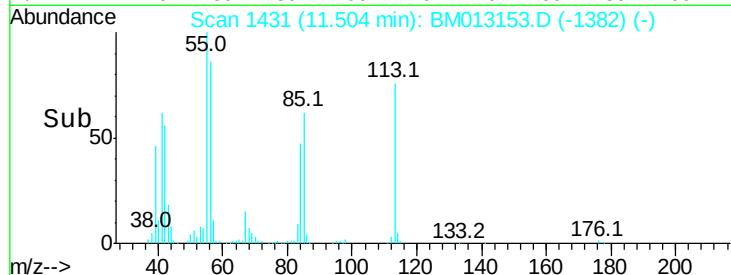
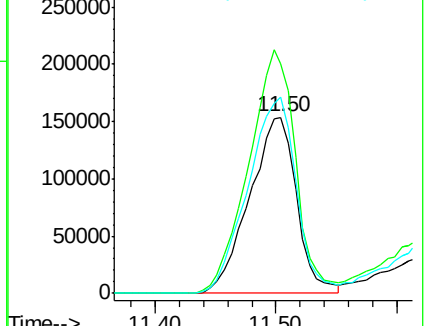
56 111.8 160.0 240.0#



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: 173.913 ng/ul

RT: 11.81 min Scan# 1483

Delta R.T. 0.03 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

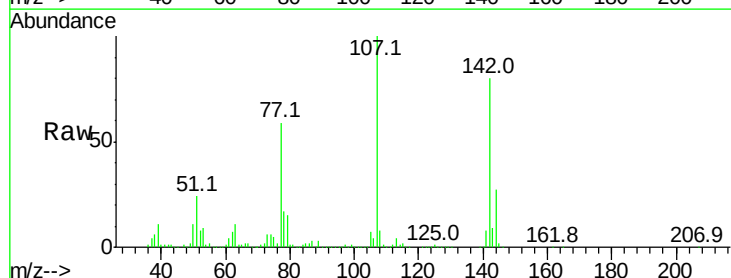
Tgt Ion:107 Resp: 2327917

Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

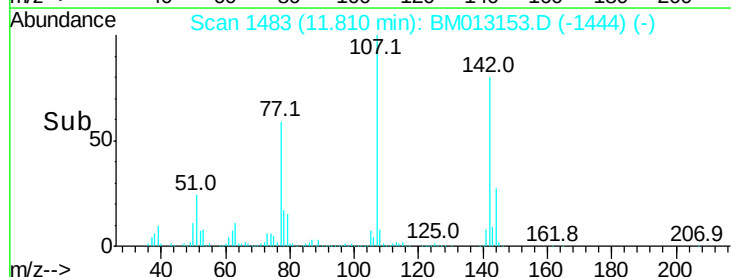
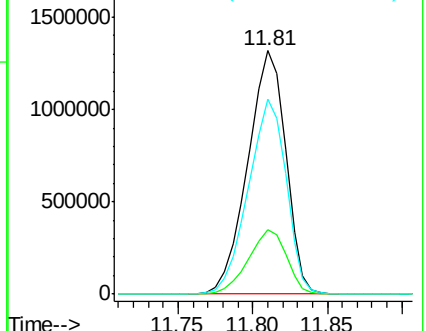
142 79.9 60.5 90.7

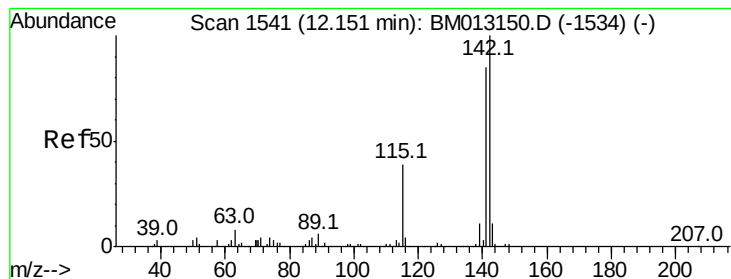


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 170.794 ng/ul

RT: 12.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

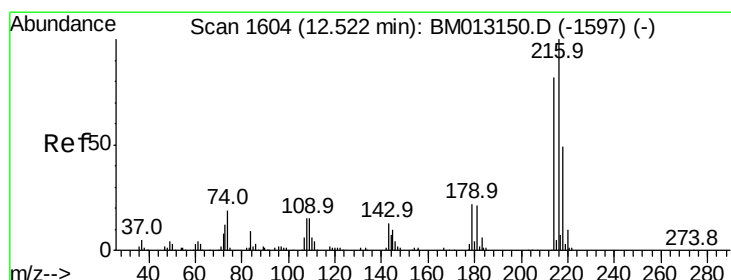
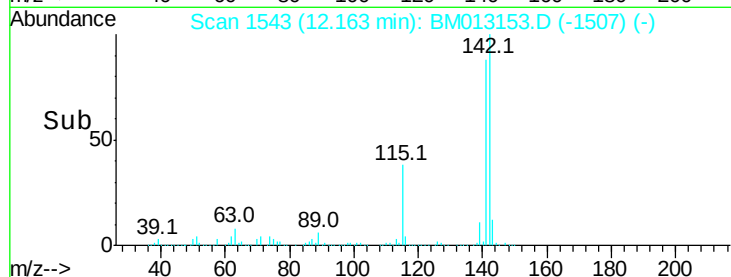
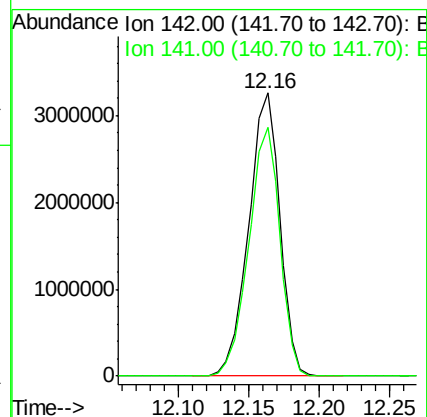
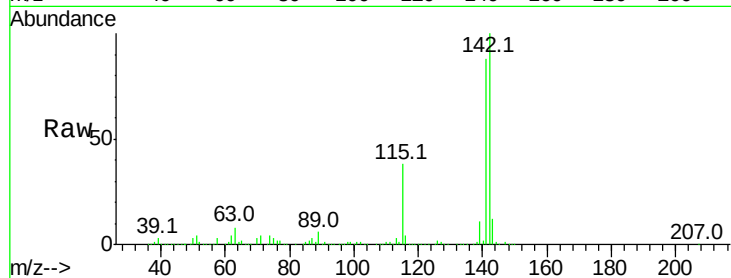
ClientSampleId :

Tot Ion:142 Resp: 5060127

Ion Ratio Lower Upper

142 100

141 87.7 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 161.768 ng/ul

RT: 12.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Tgt Ion:216 Resp: 2909804

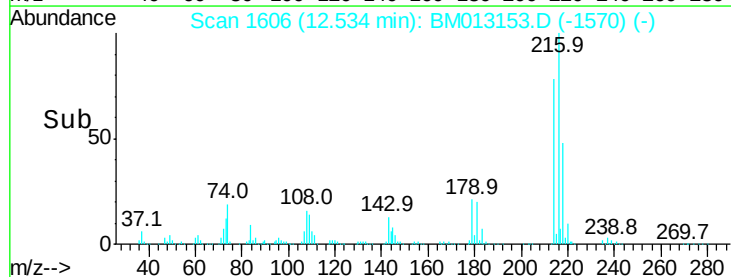
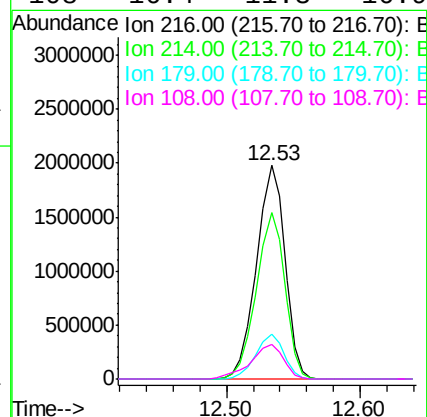
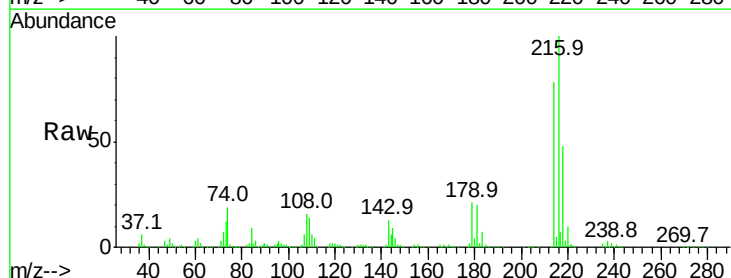
Ion Ratio Lower Upper

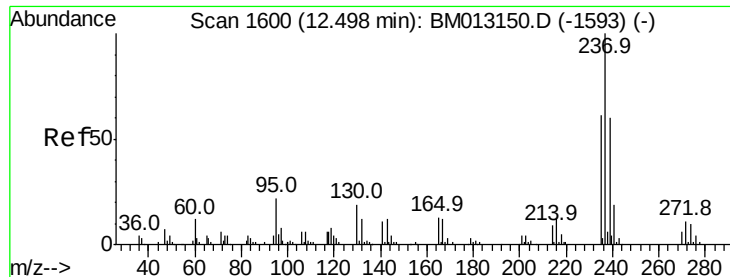
216 100

214 78.1 60.6 90.8

179 20.9 17.5 26.3

108 16.4 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 154.794 ng/ul

RT: 12.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

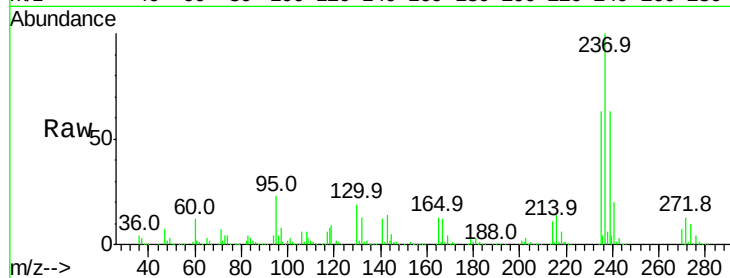
Tot Ion:237 Resp: 2059153

Ion Ratio Lower Upper

237 100

235 63.3 50.2 75.4

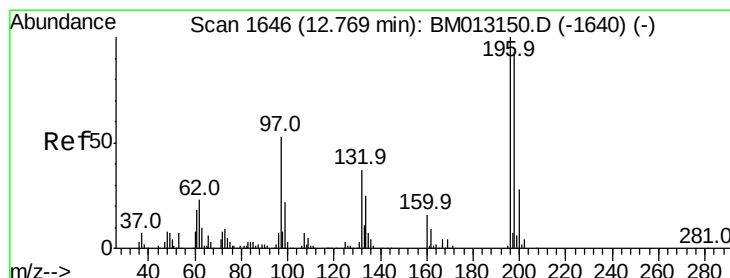
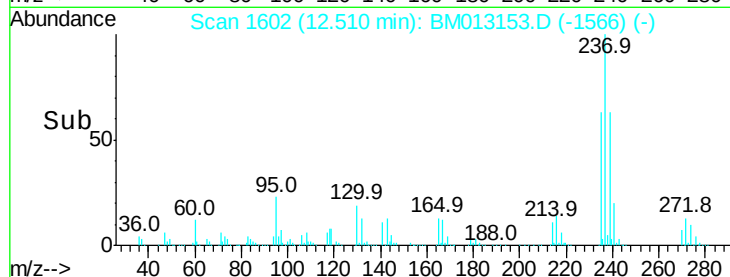
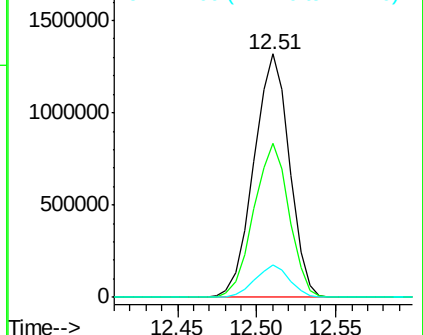
272 13.2 11.0 16.6



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: 178.446 ng/ul

RT: 12.78 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

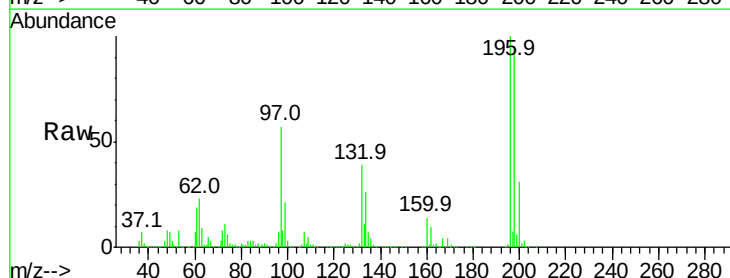
Tgt Ion:196 Resp: 1934409

Ion Ratio Lower Upper

196 100

198 95.2 74.1 111.1

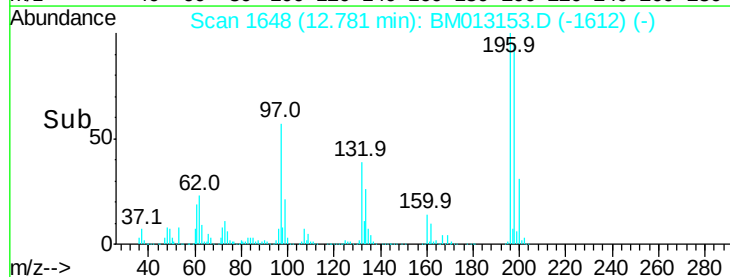
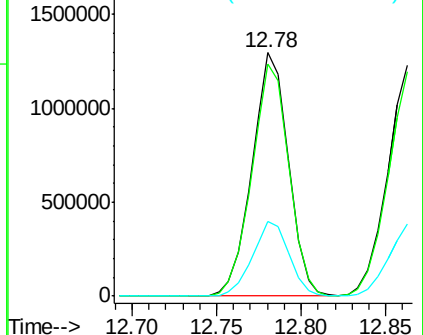
200 30.9 25.2 37.8

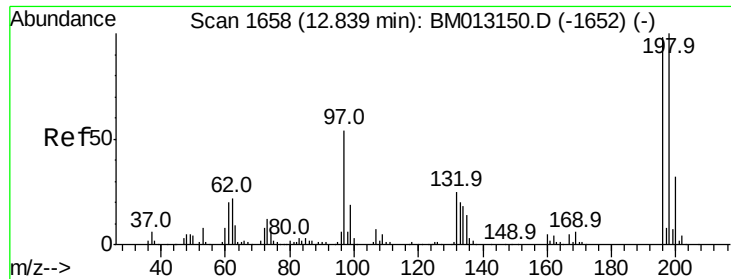


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

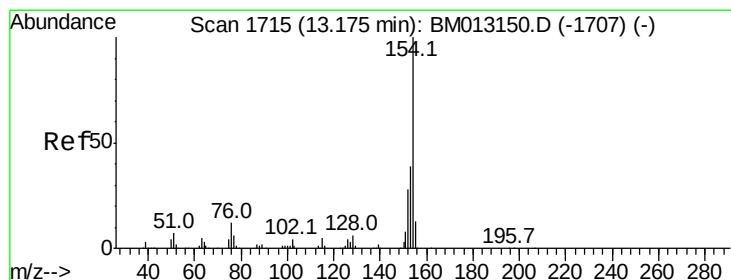
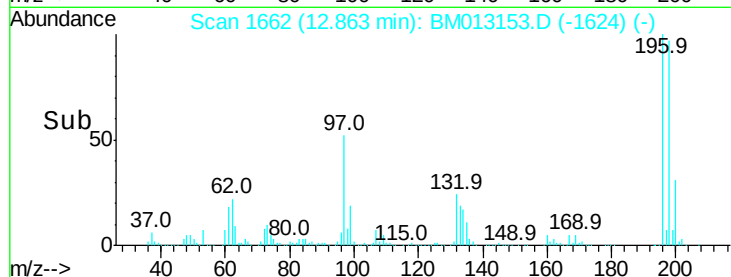
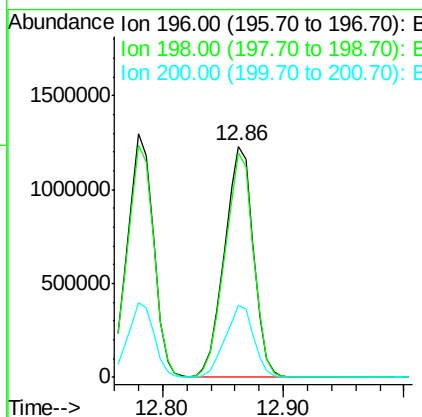
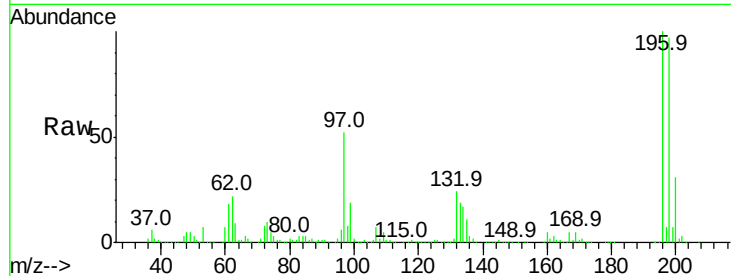




#39
 2,4,5-Trichlorophenol
 Concen: 180.238 ng/ul
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.02 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

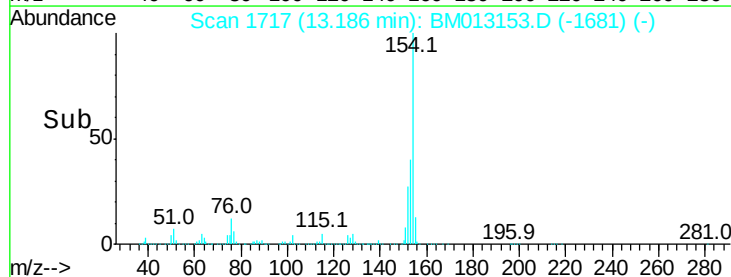
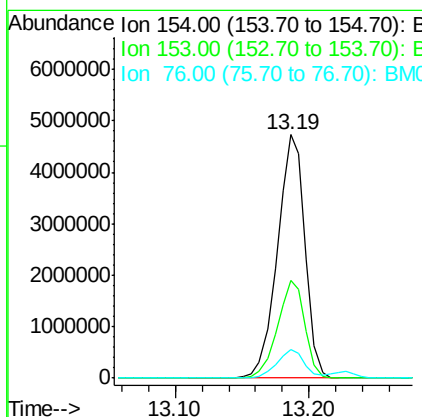
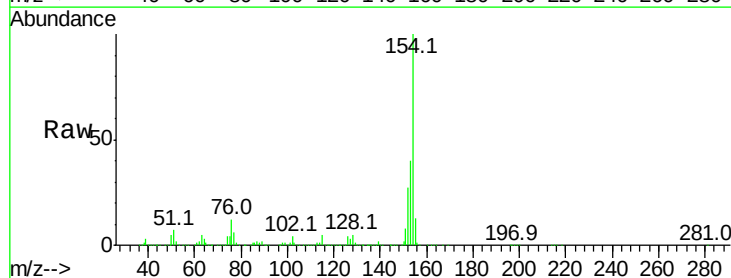
Instrument :
 BNA_M
 ClientSampled :

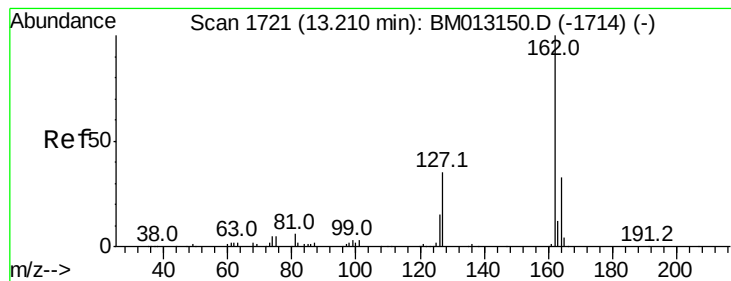
Tot Ion:196 Resp: 2042859
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.6 113.4
 200 31.1 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 163.344 ng/ul
 RT: 13.19 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Tgt Ion:154 Resp: 6805651
 Ion Ratio Lower Upper
 154 100
 153 40.2 32.6 48.8
 76 11.7 8.5 12.7

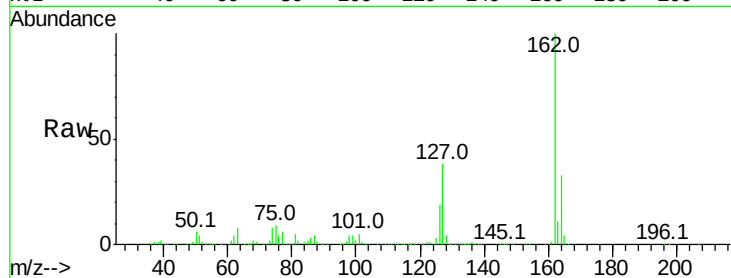




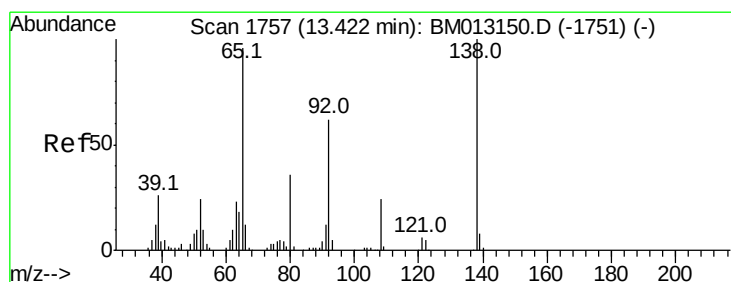
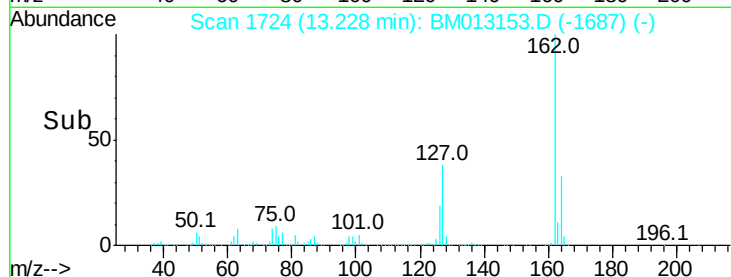
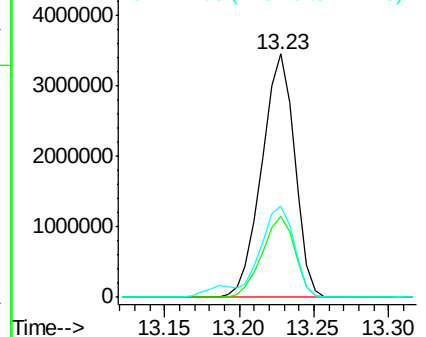
#41
 2-Chloronaphthalene
 Concen: 159.732 ng/ul
 RT: 13.23 min Scan# 1724
 Delta R.T. 0.02 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 5274819
 Ion Ratio Lower Upper
 162 100
 164 33.4 25.9 38.9
 127 37.6 29.4 44.2

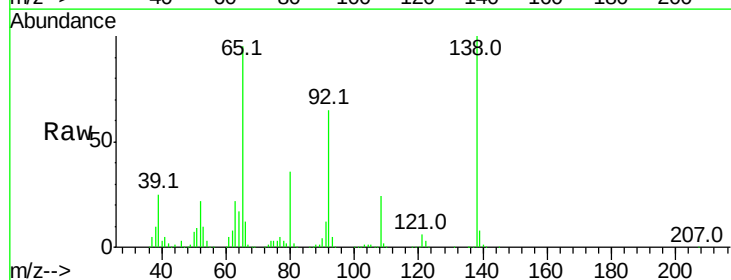


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

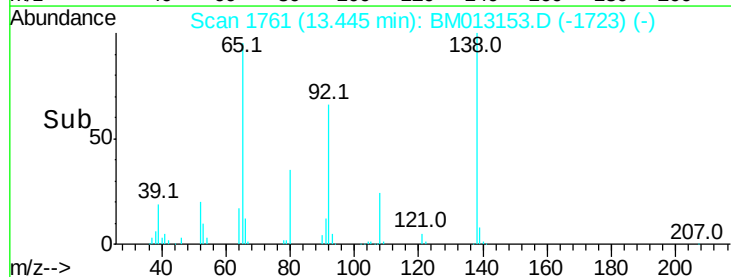
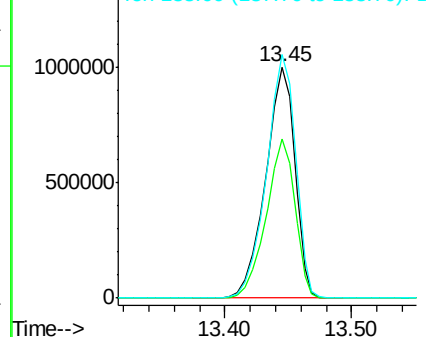


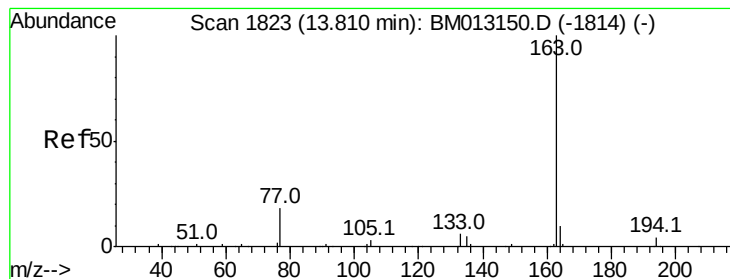
#42
 2-Nitroaniline
 Concen: 230.799 ng/ul
 RT: 13.45 min Scan# 1761
 Delta R.T. 0.02 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Tgt Ion: 65 Resp: 1618636
 Ion Ratio Lower Upper
 65 100
 92 68.8 51.8 77.6
 138 105.3 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: 163.549 ng/ul

RT: 13.83 min Scan# 1826

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

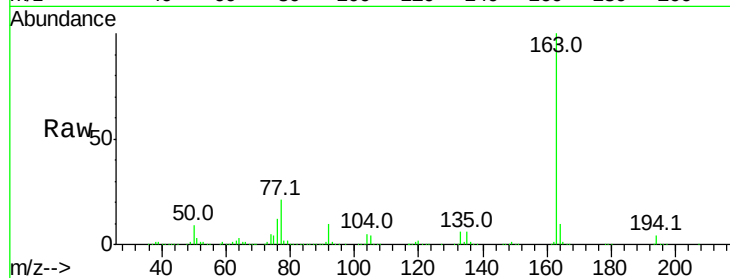
Tot Ion:163 Resp: 6783766

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

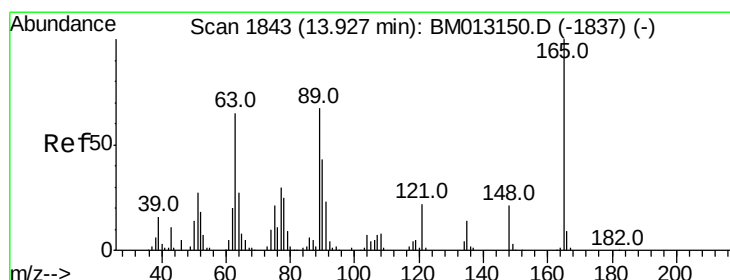
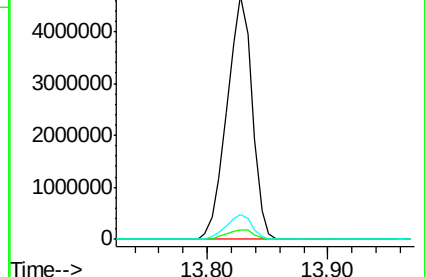
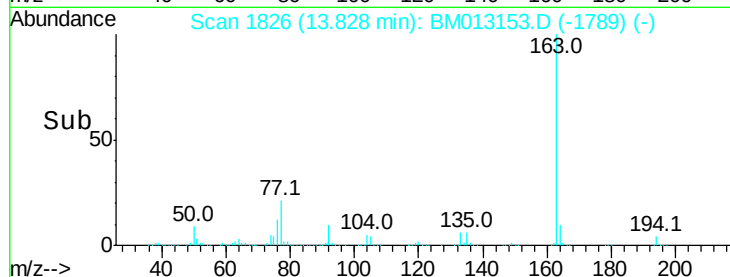
164 10.3 8.2 12.4



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: 237.324 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

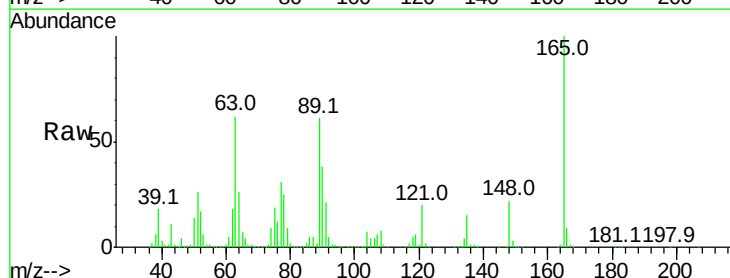
Tgt Ion:165 Resp: 1501988

Ion Ratio Lower Upper

165 100

89 61.5 52.6 79.0

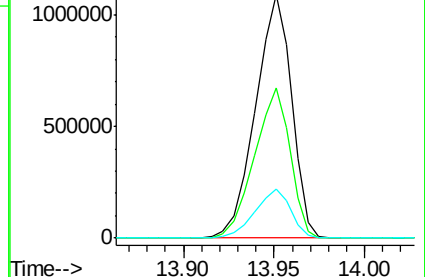
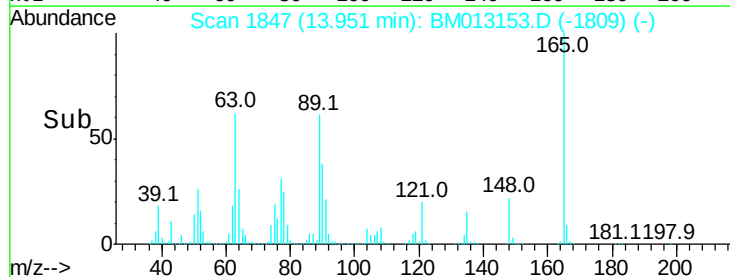
121 20.3 14.6 22.0

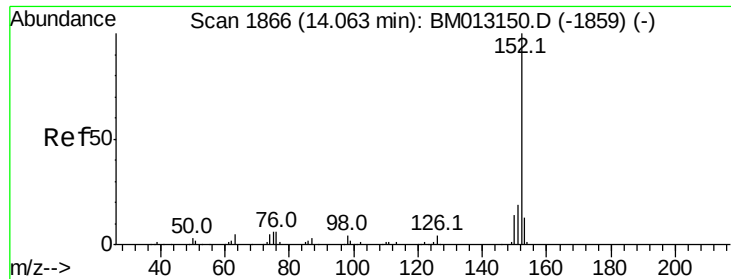


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 163.047 ng/ul

RT: 14.08 min Scan# 1869

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

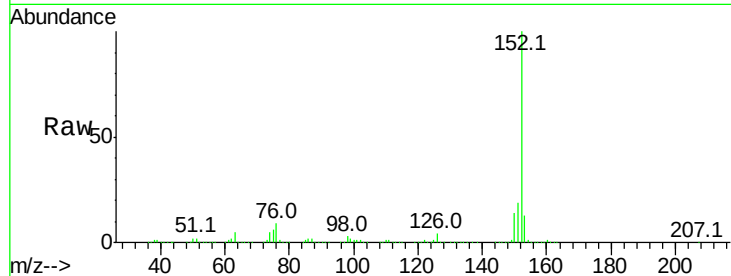
Tot Ion:152 Resp: 8301466

Ion Ratio Lower Upper

152 100

151 19.5 16.3 24.5

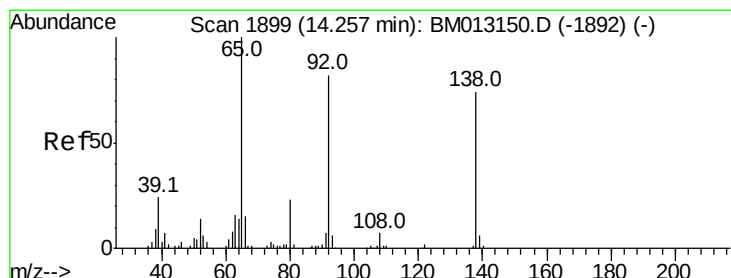
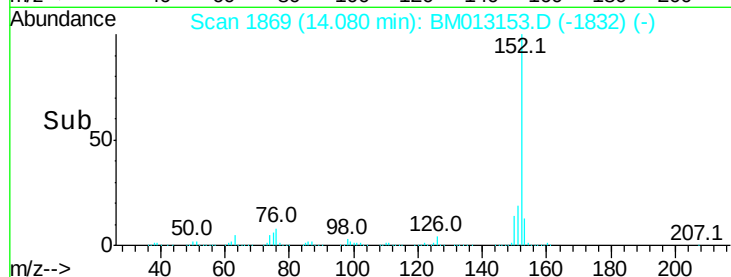
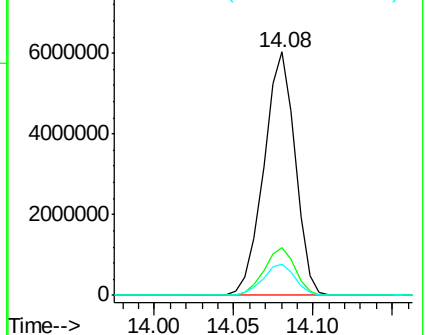
153 13.0 10.2 15.4



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: 198.458 ng/ul

RT: 14.28 min Scan# 1903

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

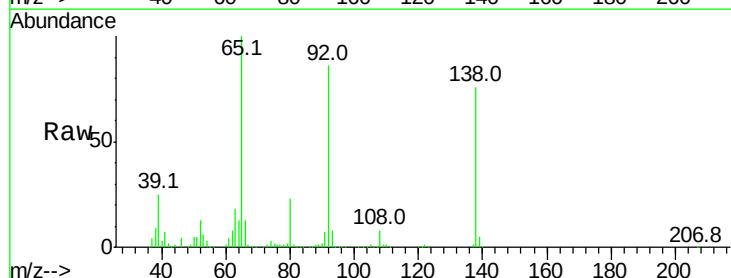
Tgt Ion:138 Resp: 1176411

Ion Ratio Lower Upper

138 100

108 10.1 9.9 14.9

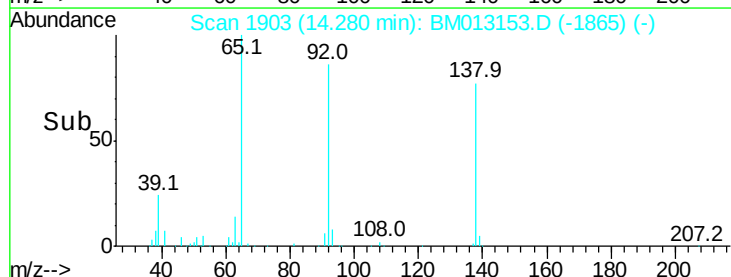
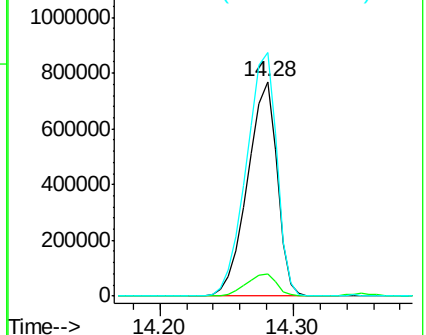
92 113.4 105.0 157.4

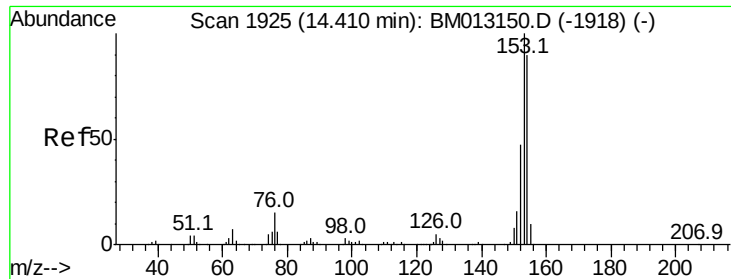


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 164.934 ng/ul

RT: 14.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampled :

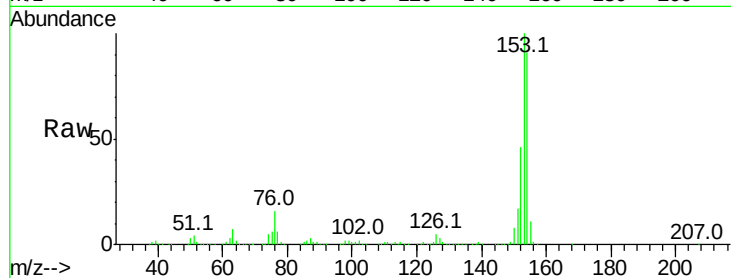
Tot Ion:153 Resp: 5643475

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

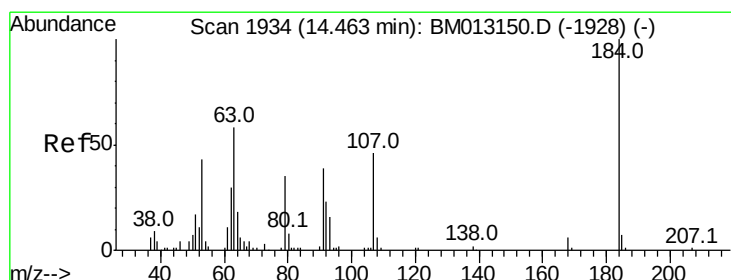
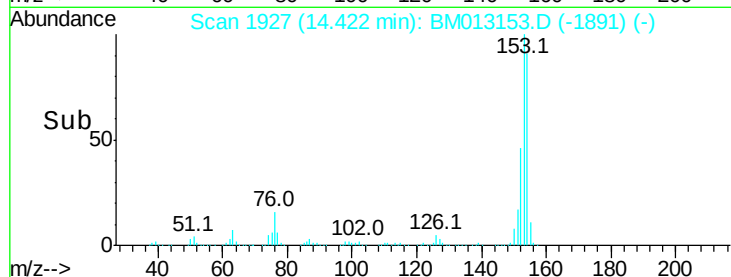
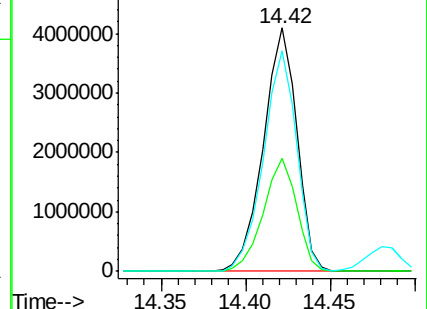
154 90.8 70.4 105.6



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: 310.986 ng/ul

RT: 14.48 min Scan# 1937

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

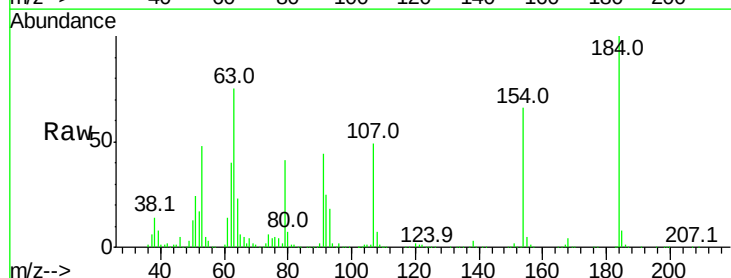
Tgt Ion:184 Resp: 942223

Ion Ratio Lower Upper

184 100

63 74.7 50.1 75.1

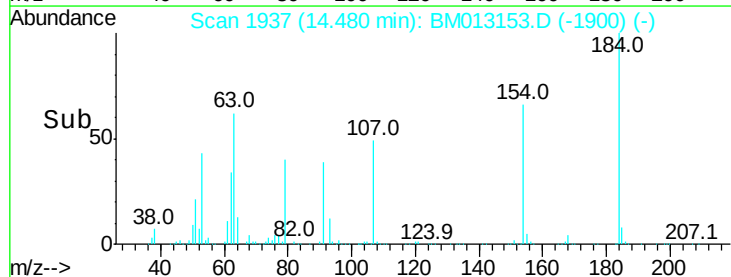
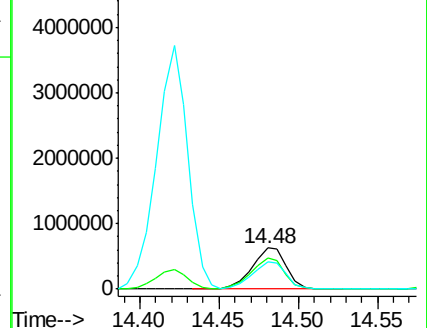
154 66.3 54.5 81.7

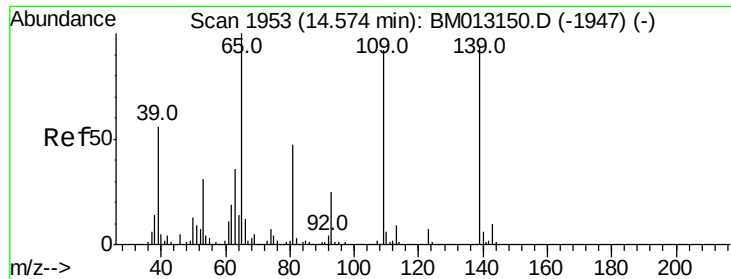


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

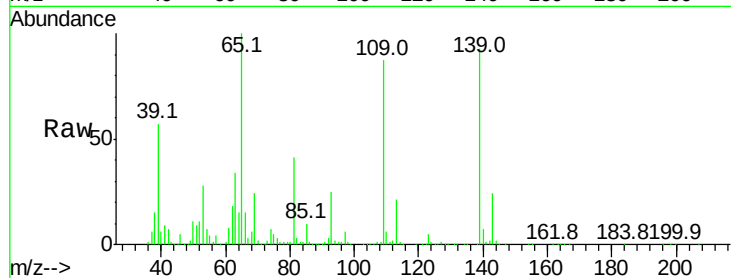




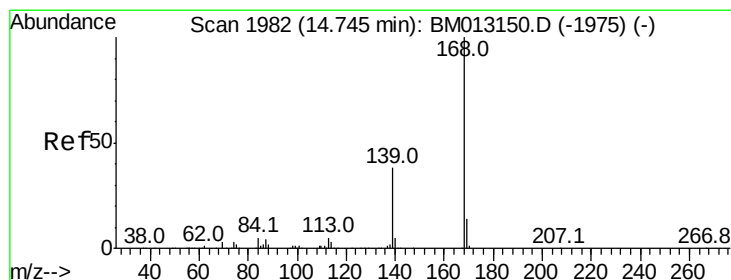
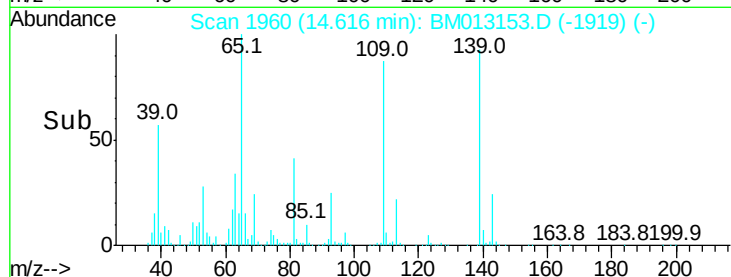
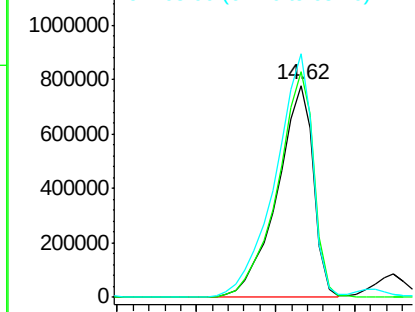
#52
4-Nitrophenol
Concen: 206.583 ng/ul
RT: 14.62 min Scan# 1960
Delta R.T. 0.04 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:109 Resp: 1231620
Ion Ratio Lower Upper
109 100
139 106.5 80.0 120.0
65 114.8 120.0 180.0#

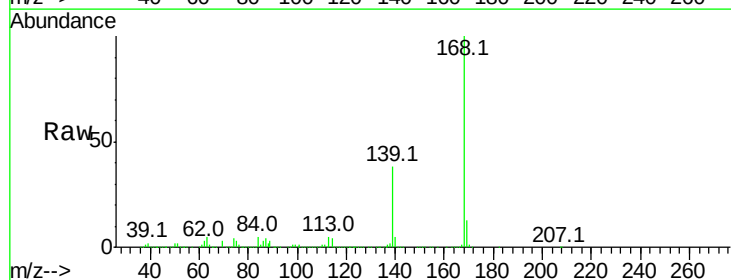


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B

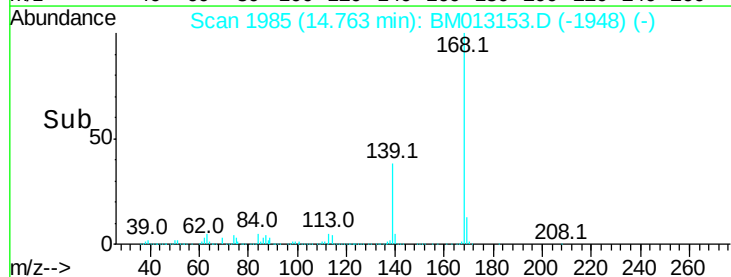
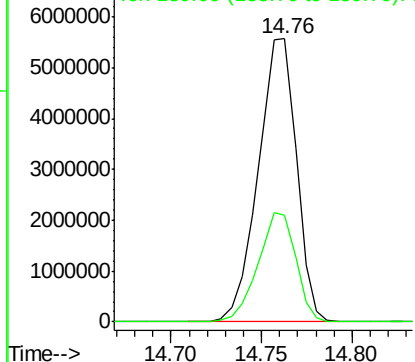


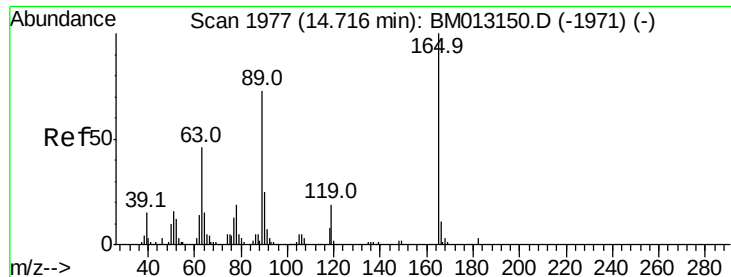
#53
Dibenzofuran
Concen: 166.823 ng/ul
RT: 14.76 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:168 Resp: 8176397
Ion Ratio Lower Upper
168 100
139 37.9 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: 244.256 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

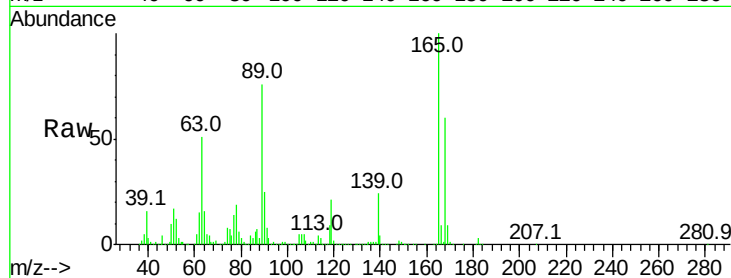
Tot Ion:165 Resp: 2162386

Ion Ratio Lower Upper

165 100

63 50.8 45.8 68.8

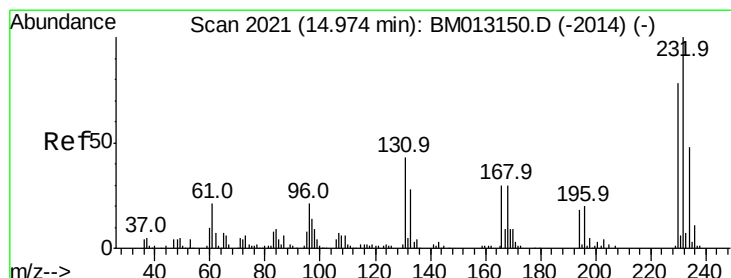
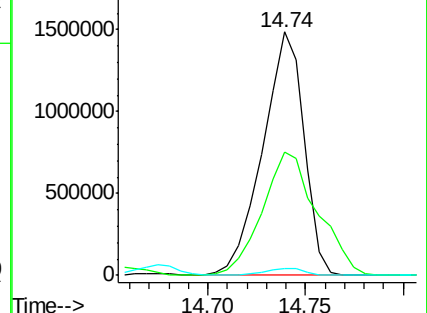
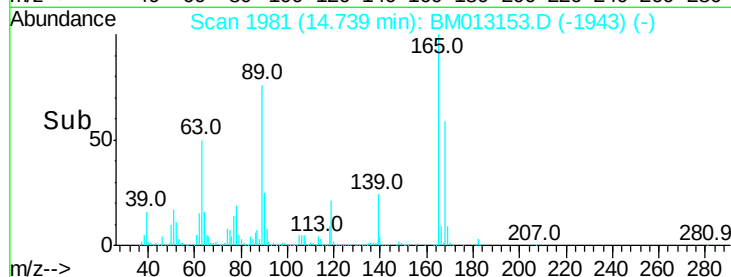
182 2.9 2.6 4.0



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: 205.418 ng/ul

RT: 14.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Tgt Ion:232 Resp: 1949762

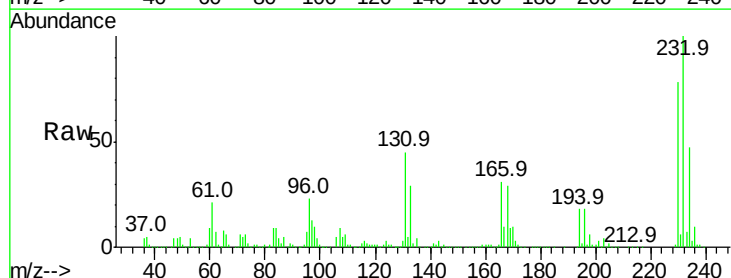
Ion Ratio Lower Upper

232 100

131 44.5 29.0 43.4#

130 2.7 2.0 3.0

166 30.6 21.4 32.2

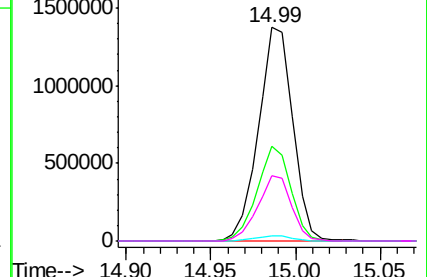
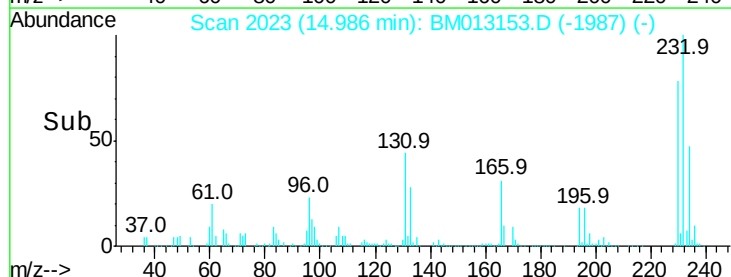


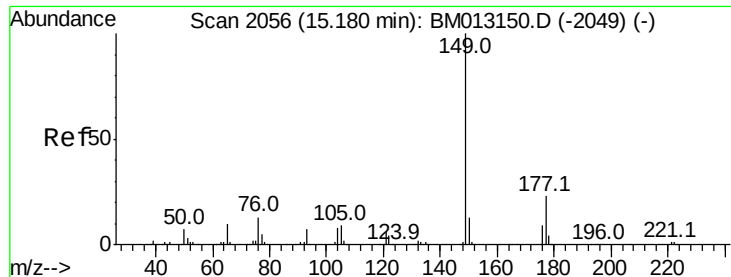
Abundance Ion 232.00 (231.70 to 232.70): E

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

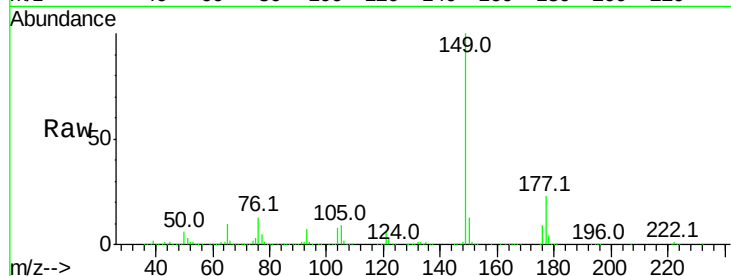




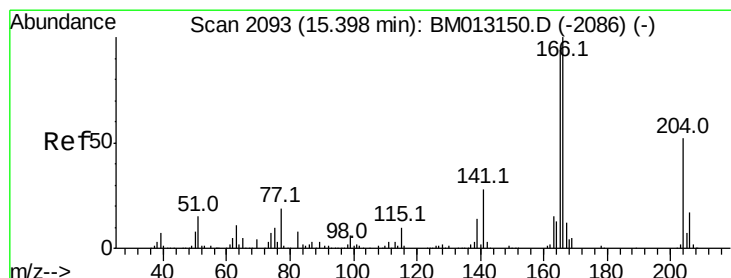
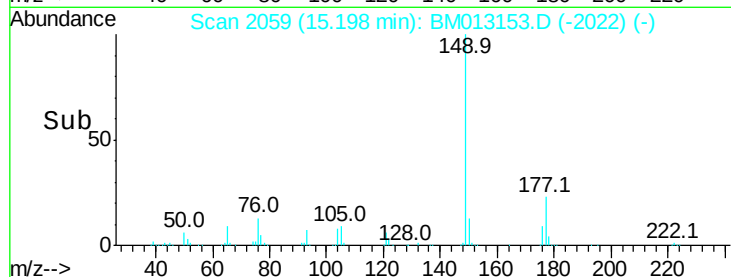
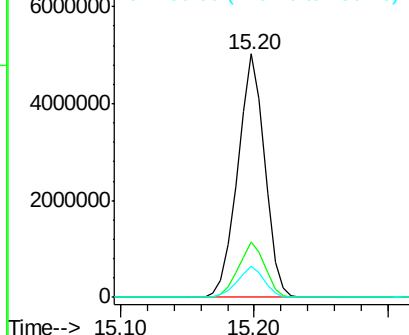
#56
Diethylphthalate
Concen: 167.760 ng/ul
RT: 15.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 7035202
Ion Ratio Lower Upper
149 100
177 22.9 20.5 30.7
150 12.6 10.6 15.8

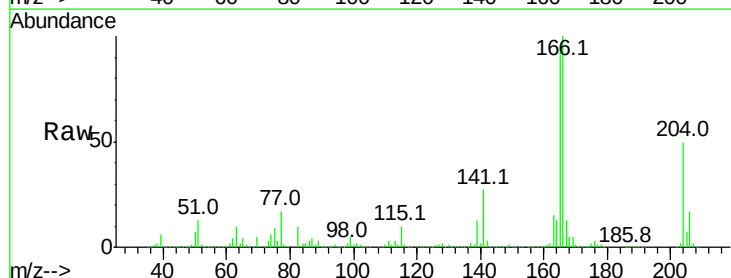


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

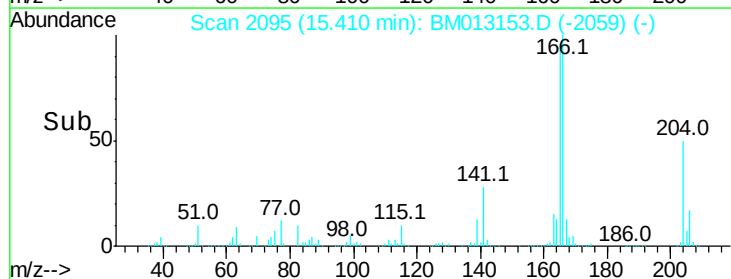
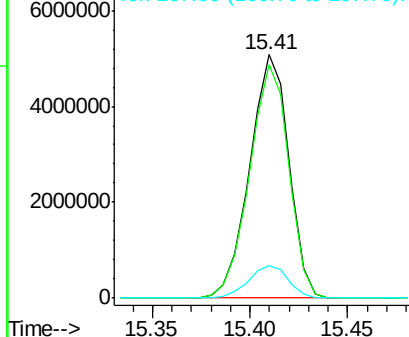


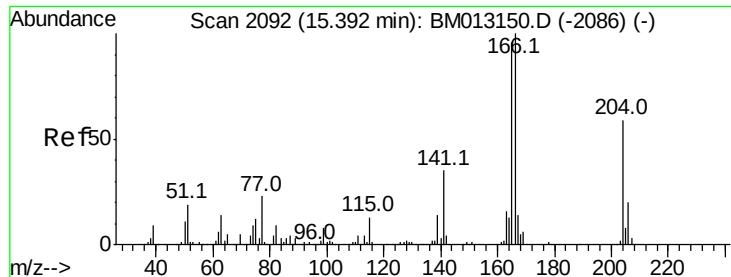
#58
Fluorene
Concen: 174.190 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:166 Resp: 7031051
Ion Ratio Lower Upper
166 100
165 95.8 77.9 116.9
167 13.1 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

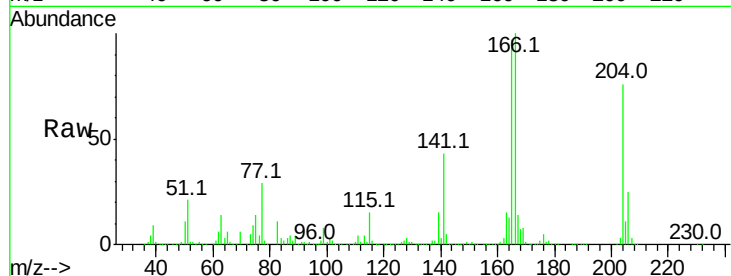




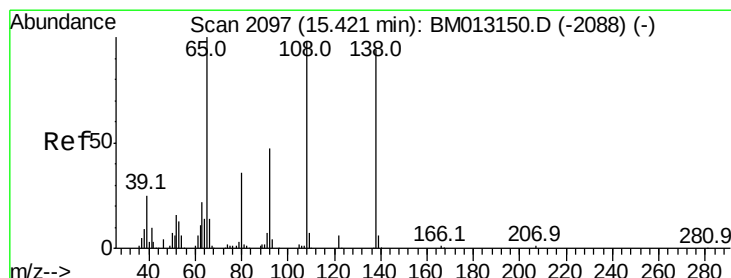
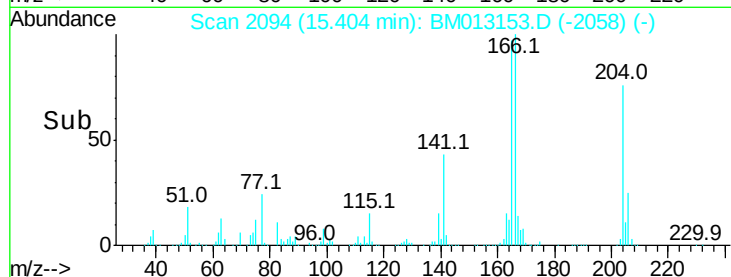
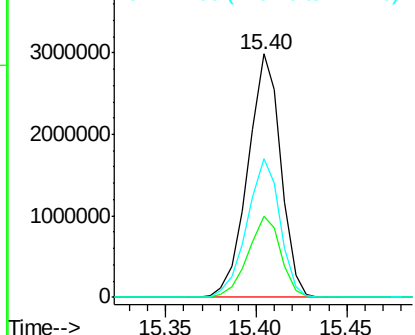
#59
4-Chlorophenyl-phenylether
Concen: 176.222 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 3757707
Ion Ratio Lower Upper
204 100
206 33.1 24.8 37.2
141 57.0 44.3 66.5

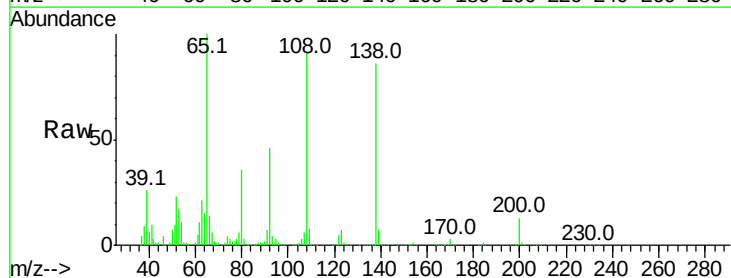


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

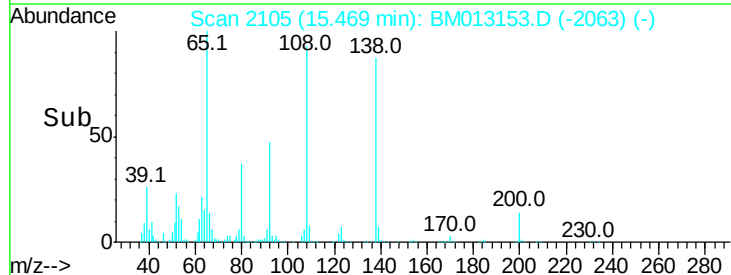
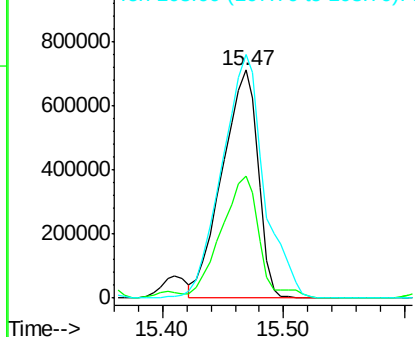


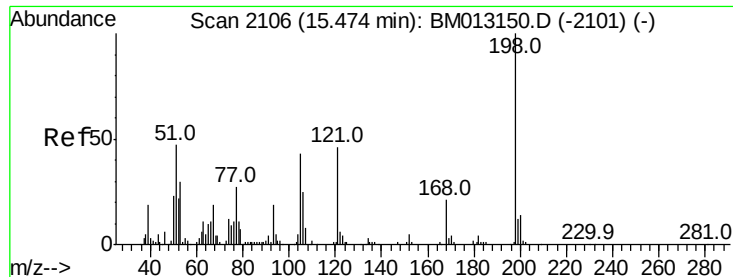
#60
4-Nitroaniline
Concen: 186.824 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.05 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:138 Resp: 1456367
Ion Ratio Lower Upper
138 100
92 53.8 40.0 60.0
108 106.9 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

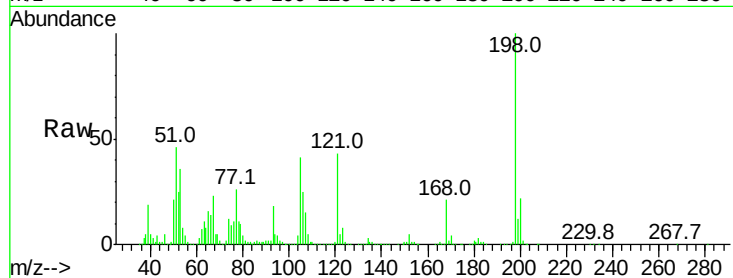




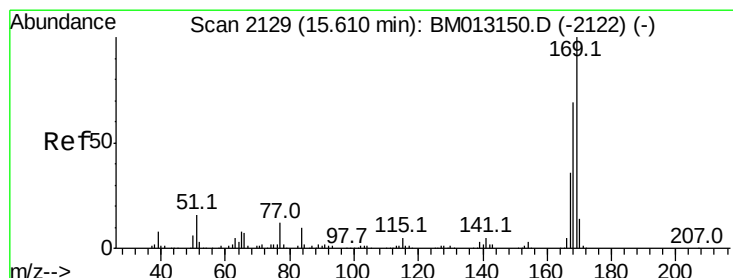
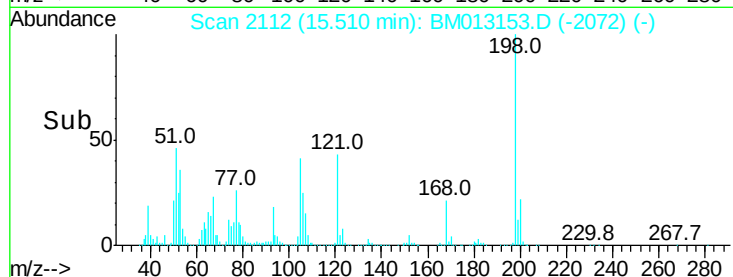
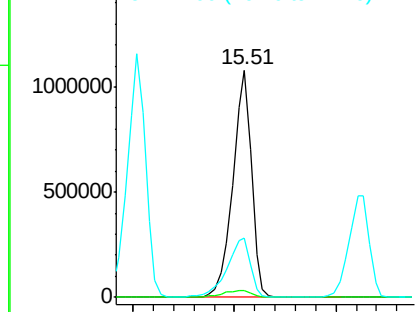
#63
 4,6-Dinitro-2-methylphenol
 Concen: 250.178 ng/ul
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.04 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 1384206
 Ion Ratio Lower Upper
 198 100
 182 3.0 3.8 5.6#
 77 26.3 25.2 37.8

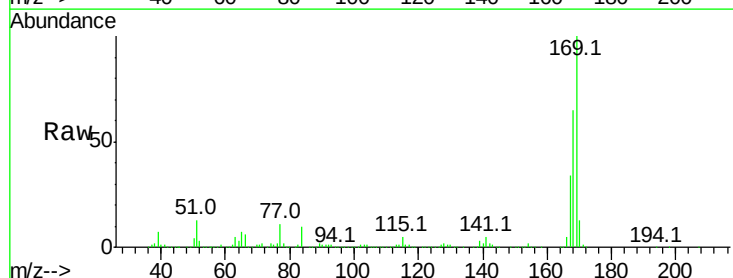


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

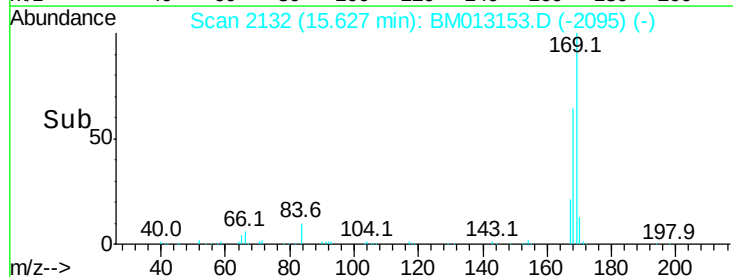
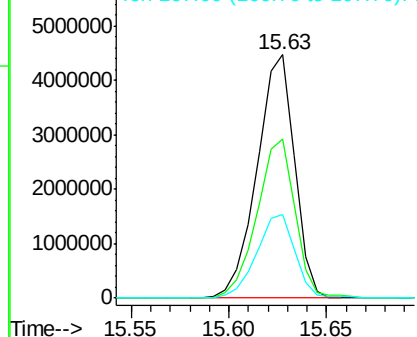


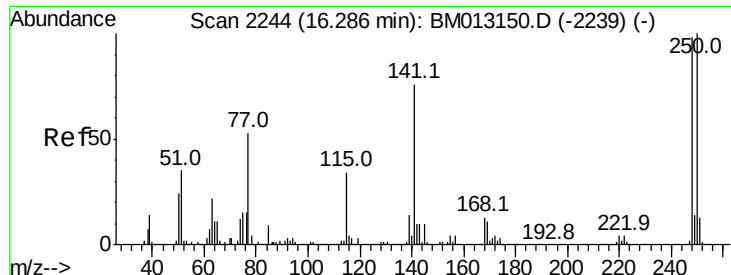
#64
 N-Nitrosodiphenylamine
 Concen: 161.996 ng/ul
 RT: 15.63 min Scan# 2132
 Delta R.T. 0.02 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Tgt Ion:169 Resp: 5975500
 Ion Ratio Lower Upper
 169 100
 168 65.4 54.0 81.0
 167 34.4 29.1 43.7



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

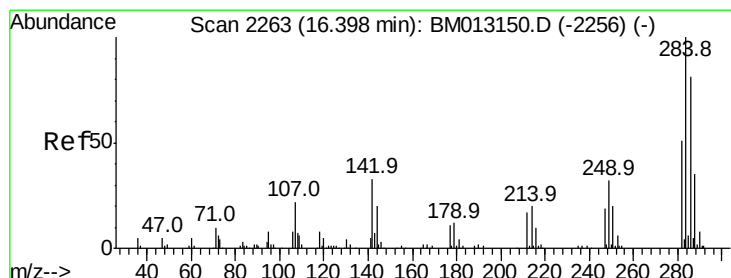
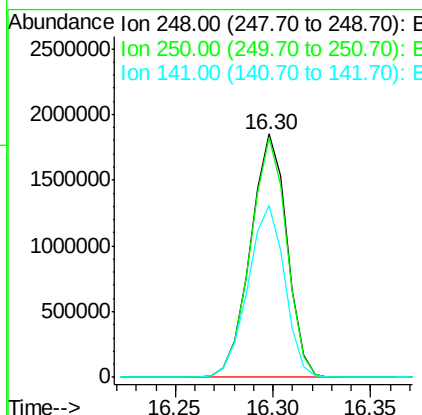
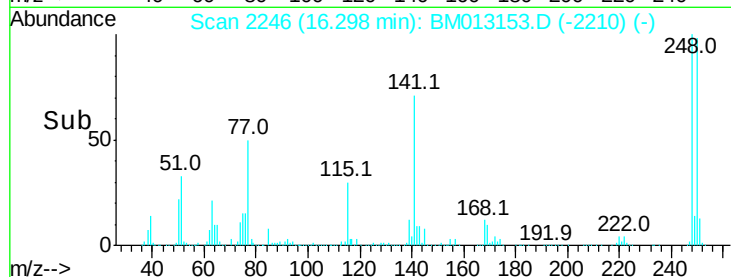
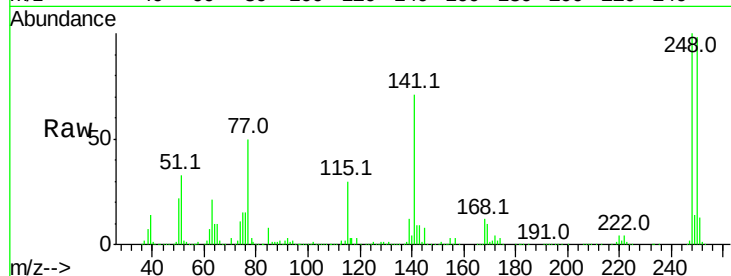




#65
4-Bromophenyl-phenylether
Concen: 168.658 ng/ul
RT: 16.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

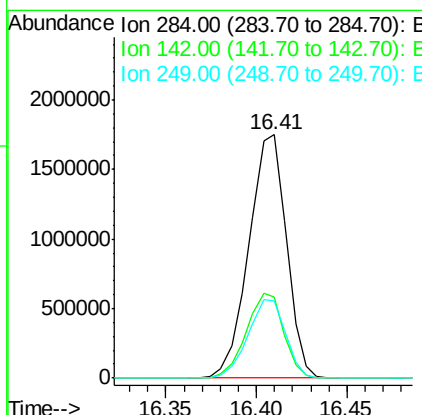
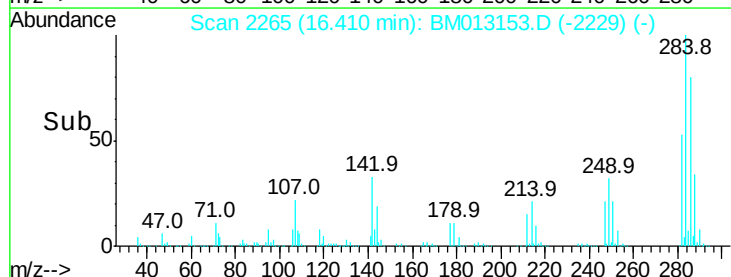
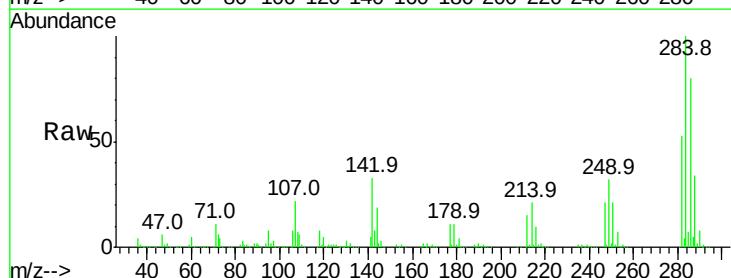
Instrument :
BNA_M
ClientSampled :

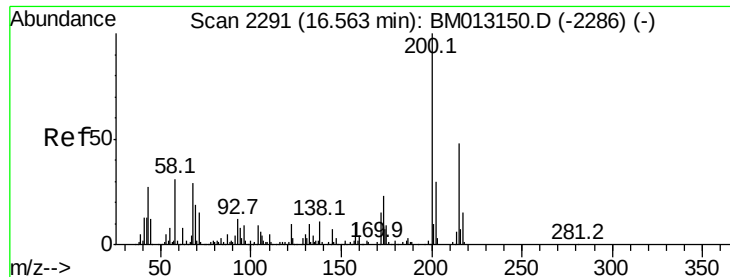
Tot Ion:248 Resp: 2400120
Ion Ratio Lower Upper
248 100
250 98.3 80.5 120.7
141 70.6 53.6 80.4



#66
Hexachlorobenzene
Concen: 164.418 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:284 Resp: 2525171
Ion Ratio Lower Upper
284 100
142 33.0 21.2 31.8#
249 31.6 24.5 36.7

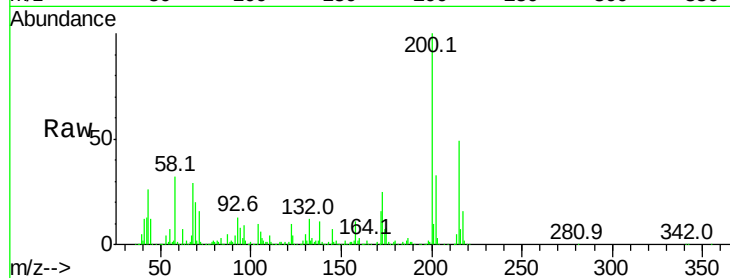




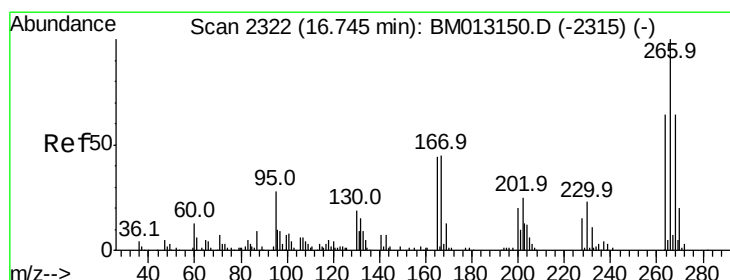
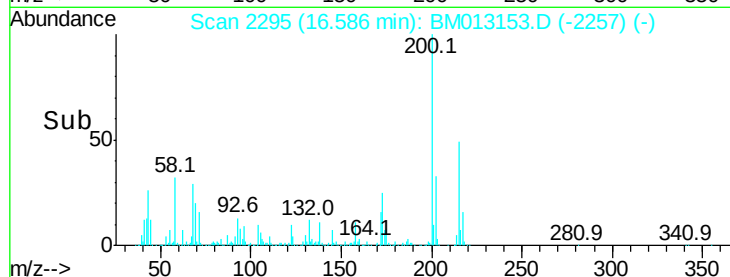
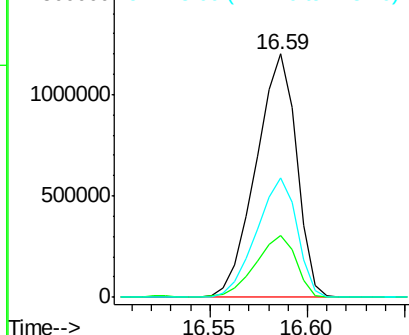
#67
Atrazine
Concen: 122.011 ng/ul
RT: 16.59 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 1723915
Ion Ratio Lower Upper
200 100
173 25.4 18.2 27.2
215 49.3 35.0 52.4

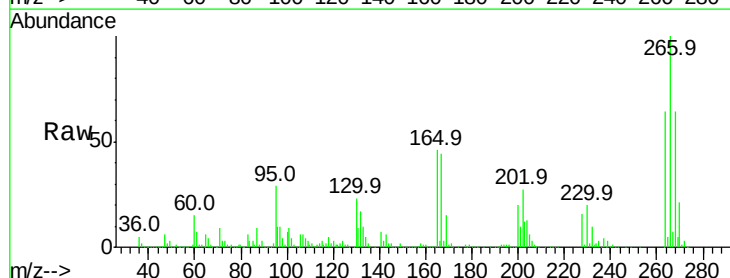


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

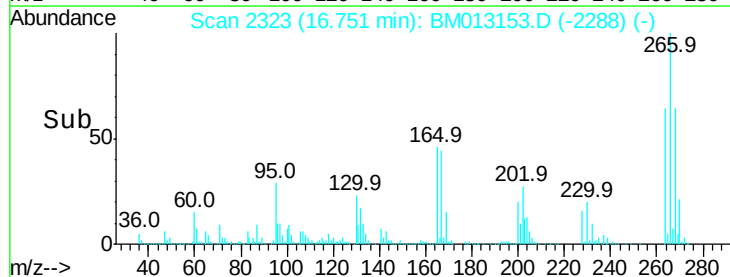
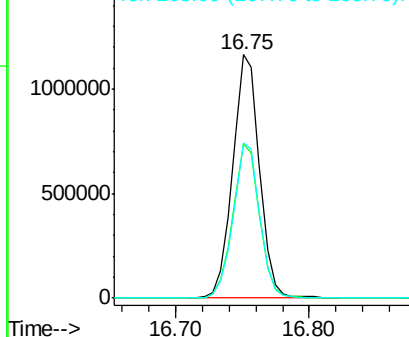


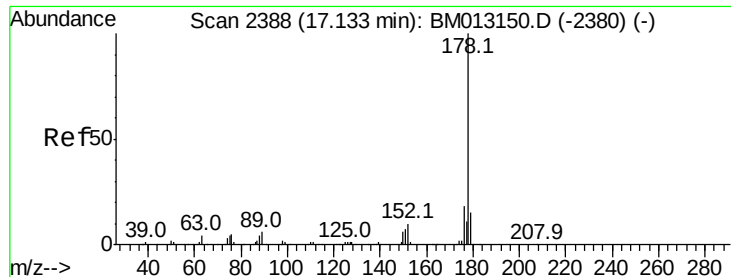
#68
Pentachlorophenol
Concen: 205.519 ng/ul
RT: 16.75 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:266 Resp: 1627924
Ion Ratio Lower Upper
266 100
264 63.5 49.3 73.9
268 63.8 52.6 78.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 169.180 ng/ul

RT: 17.14 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

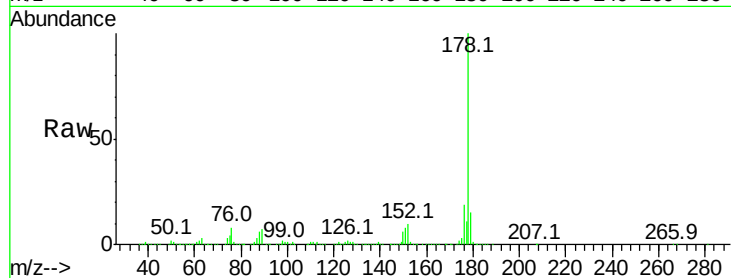
Tot Ion:178 Resp:11180340

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

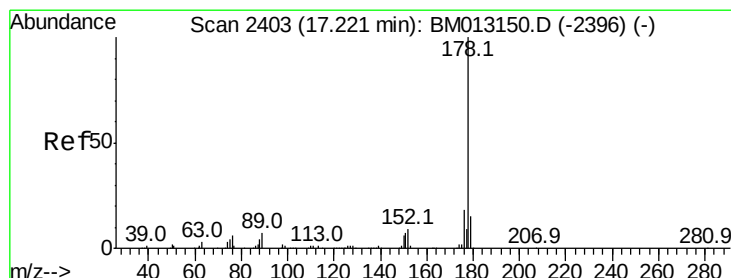
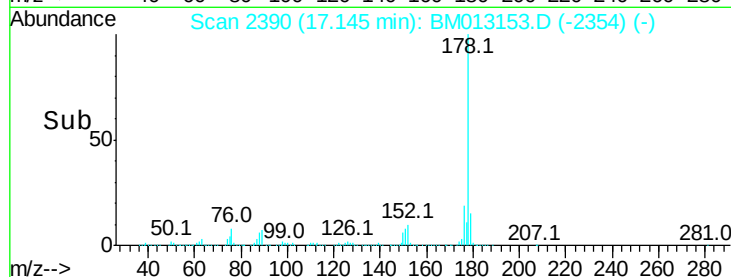
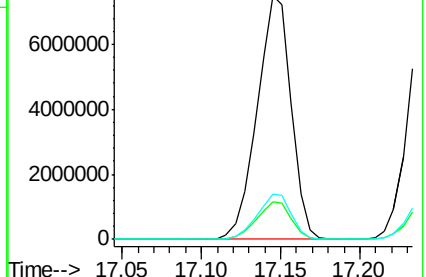
176 18.7 14.9 22.3



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: 164.488 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

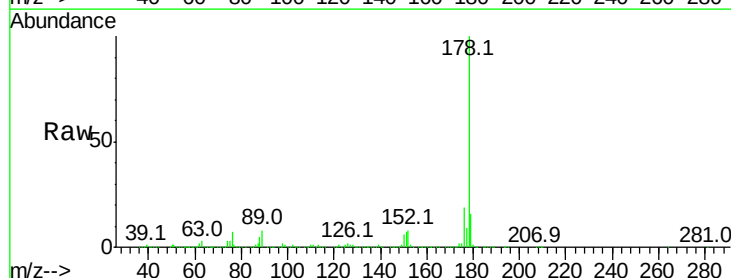
Tgt Ion:178 Resp:11278928

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

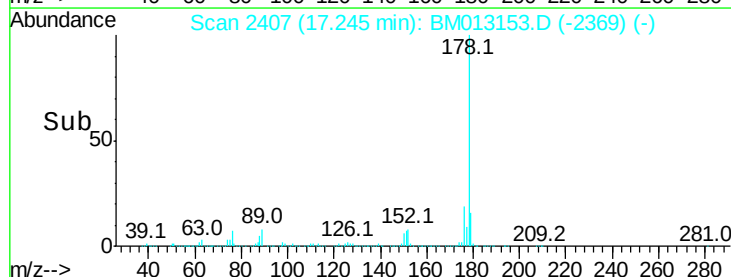
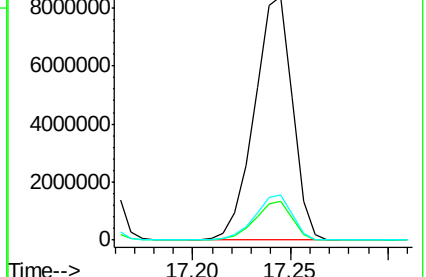
176 18.5 14.6 21.8

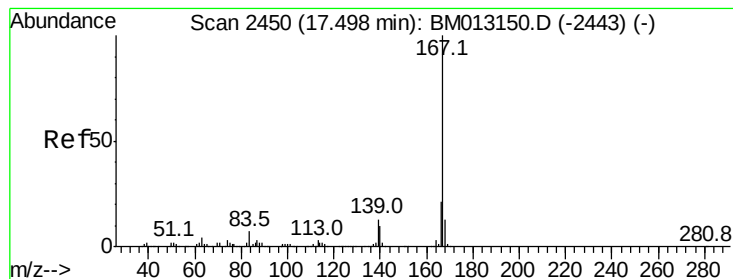


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 165.256 ng/ul

RT: 17.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

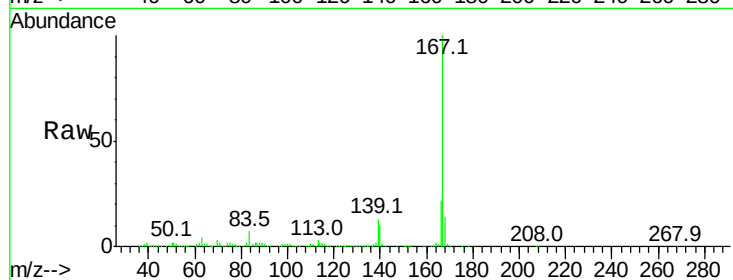
Tot Ion:167 Resp: 9799243

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

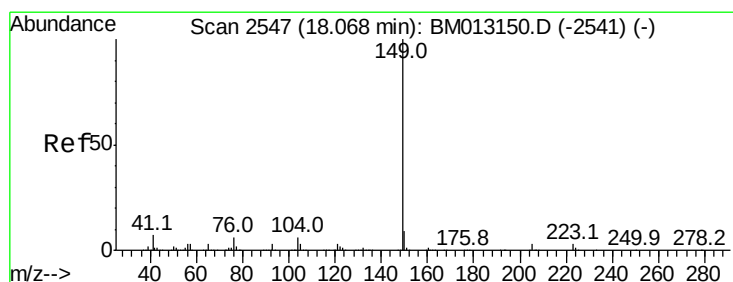
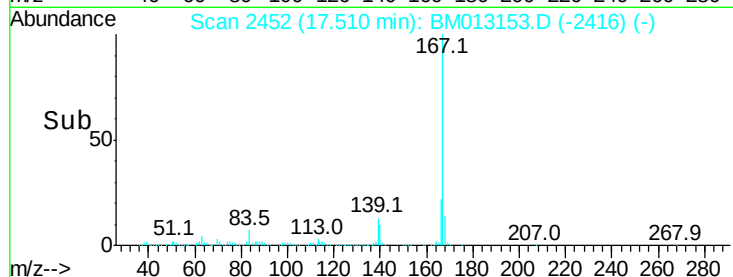
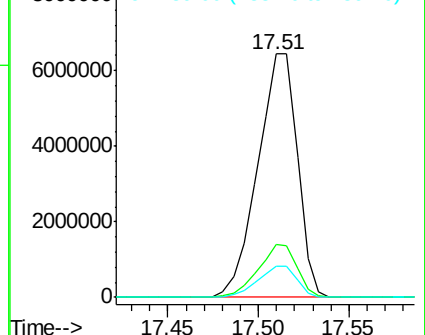
139 12.9 10.0 15.0



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: 155.699 ng/ul

RT: 18.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

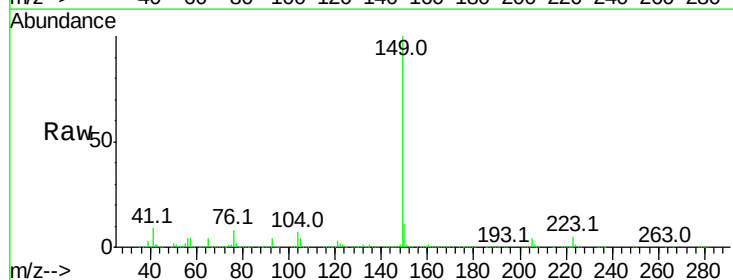
Tgt Ion:149 Resp:11760347

Ion Ratio Lower Upper

149 100

150 11.3 7.1 10.7#

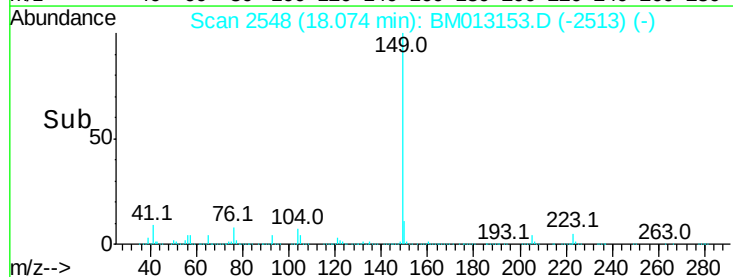
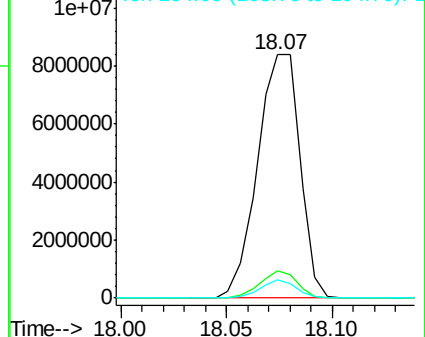
104 7.3 5.6 8.4

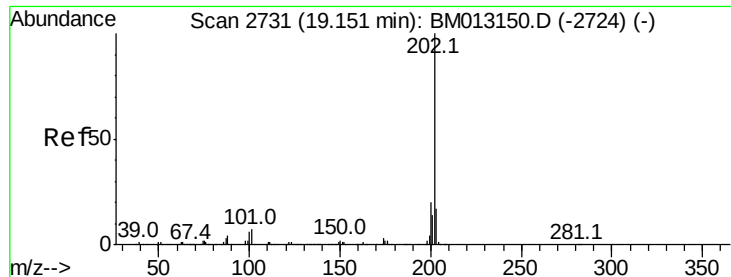


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 161.871 ng/ul

RT: 19.16 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

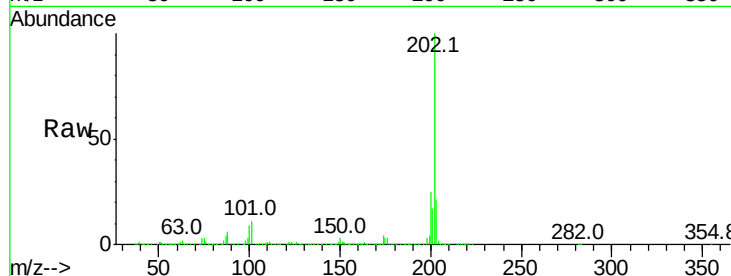
Tot Ion:202 Resp:12929729

Ion Ratio Lower Upper

202 100

101 11.3 4.6 7.0#

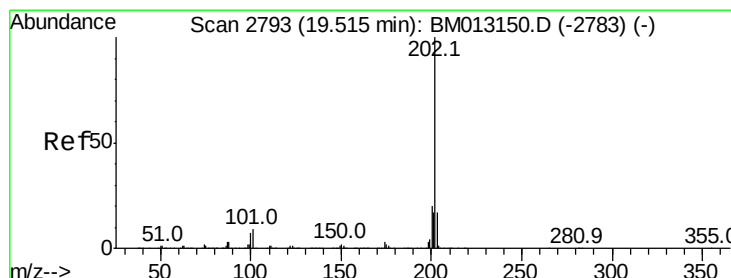
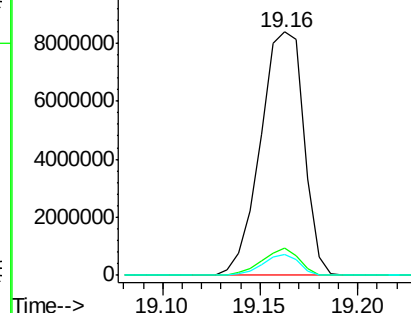
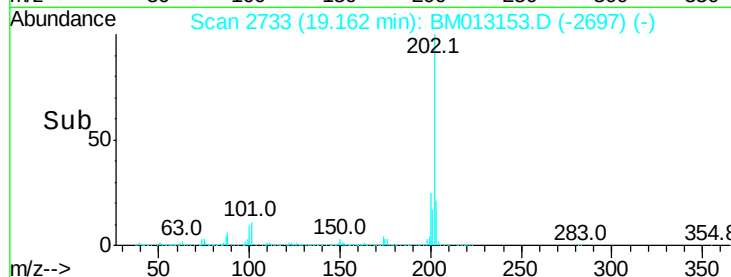
100 8.6 3.4 5.2#



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: 159.251 ng/ul

RT: 19.53 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

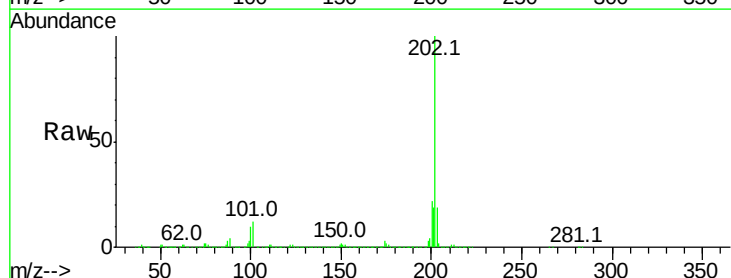
Tgt Ion:202 Resp:12404246

Ion Ratio Lower Upper

202 100

101 12.2 5.1 7.7#

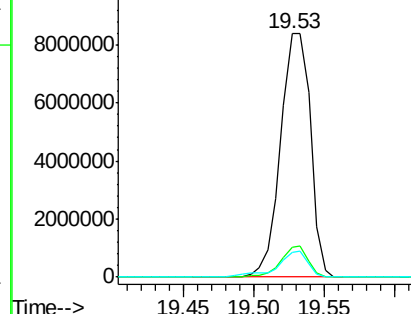
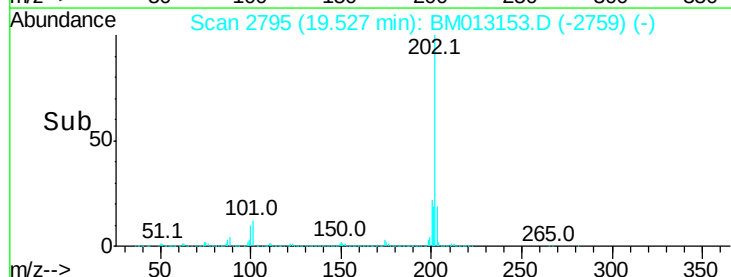
100 10.0 4.9 7.3#

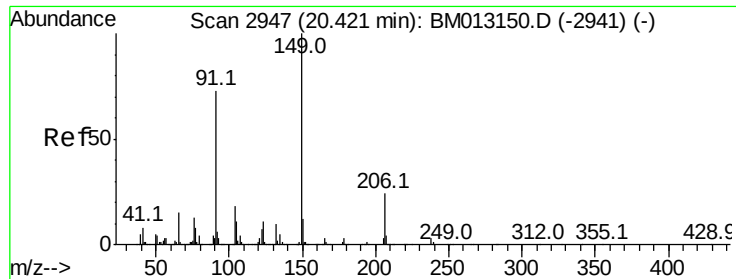


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

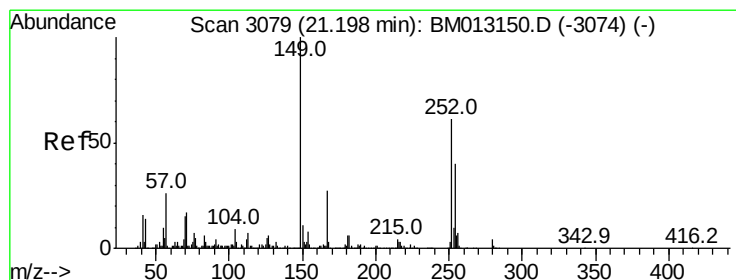
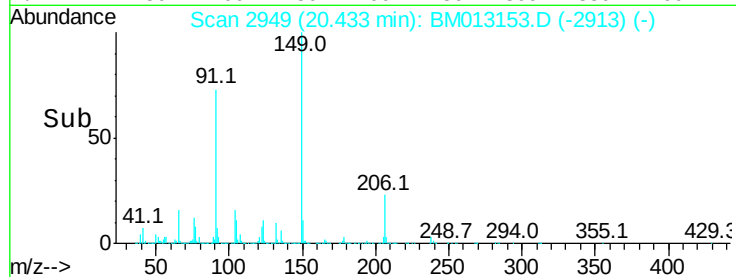
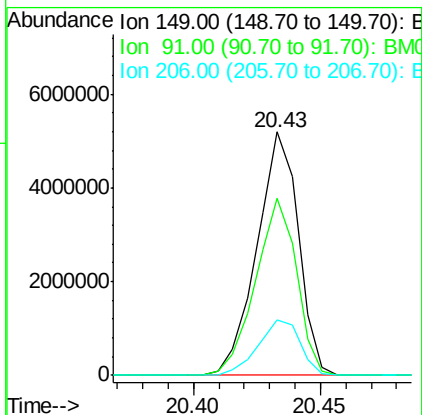
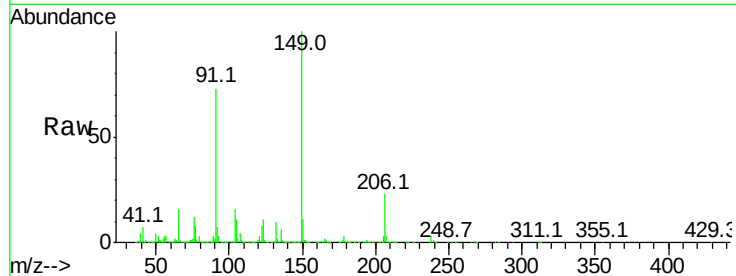




#78
Butylbenzylphthalate
Concen: 181.666 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

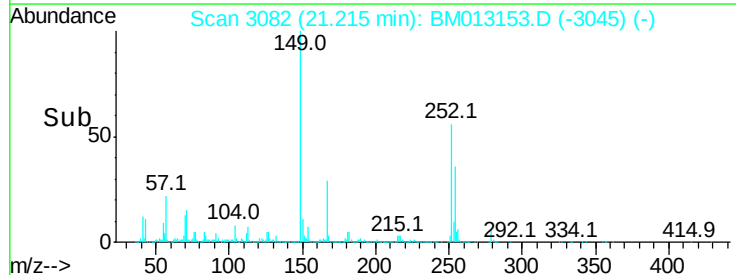
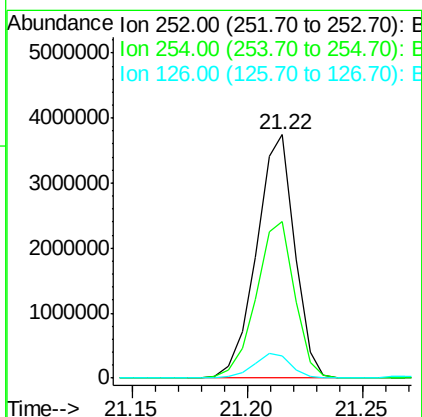
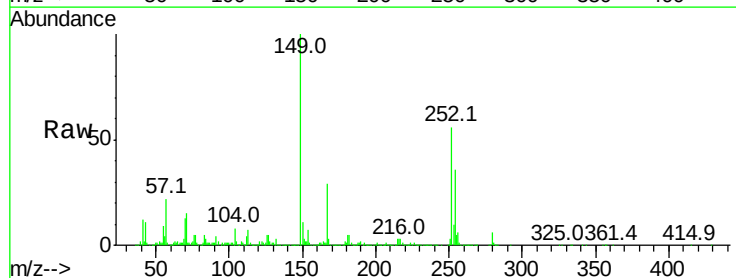
Instrument :
BNA_M
ClientSampleId :

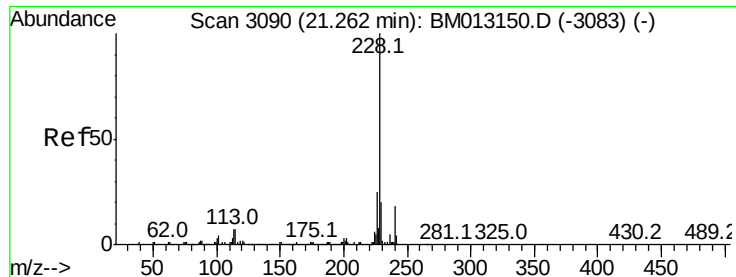
Tot Ion:149 Resp: 5879495
Ion Ratio Lower Upper
149 100
91 72.8 62.7 94.1
206 22.8 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 167.907 ng/ul
RT: 21.22 min Scan# 3082
Delta R.T. 0.02 min
Lab File: BM013153.D
Acq: 30 Nov 2017 12:15

Tgt Ion:252 Resp: 4316959
Ion Ratio Lower Upper
252 100
254 64.5 54.5 81.7
126 8.9 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 159.291 ng/ul

RT: 21.27 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampled :

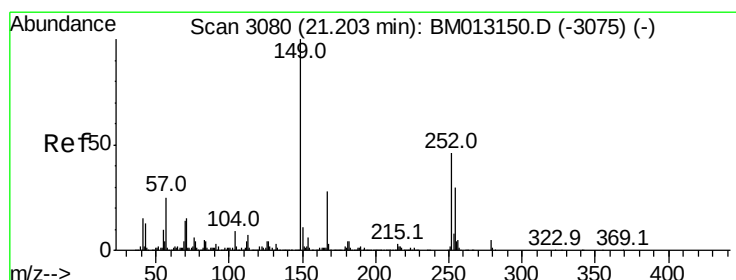
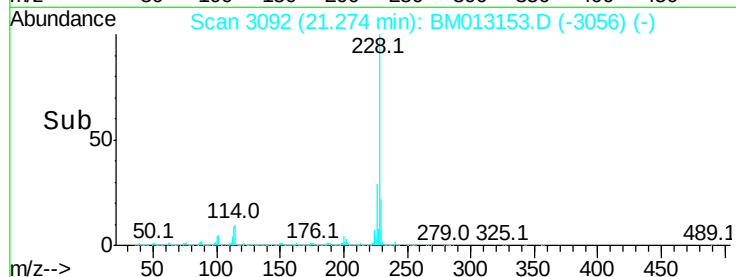
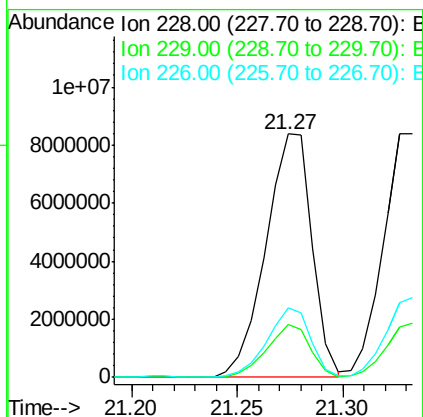
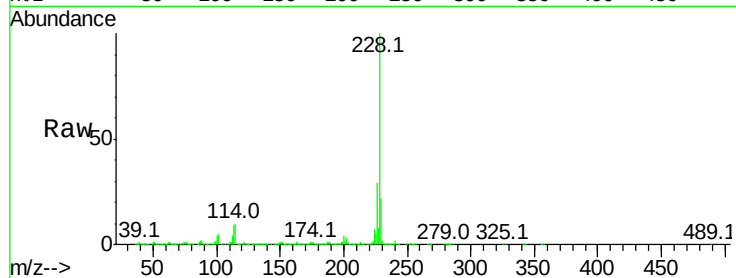
Tot Ion:228 Resp:12752696

Ion Ratio Lower Upper

228 100

229 21.5 15.4 23.0

226 28.6 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 191.456 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

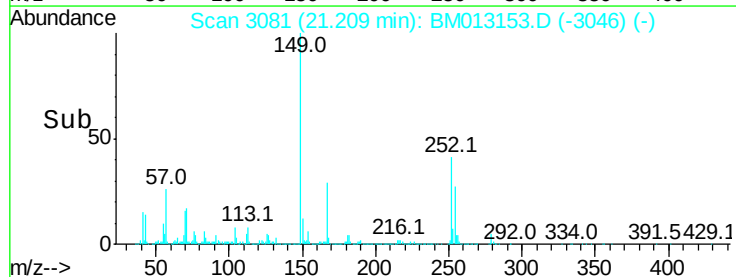
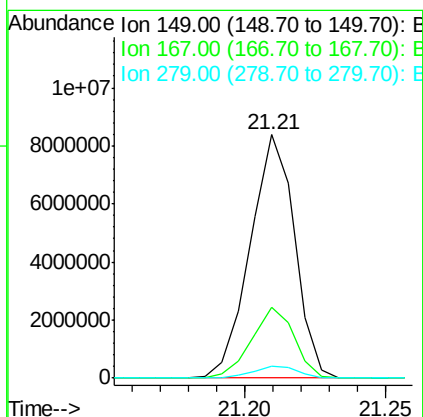
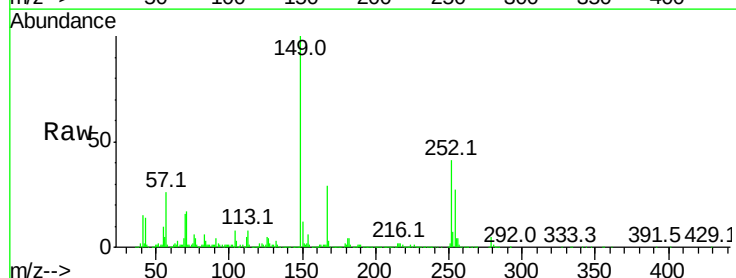
Tgt Ion:149 Resp: 9132335

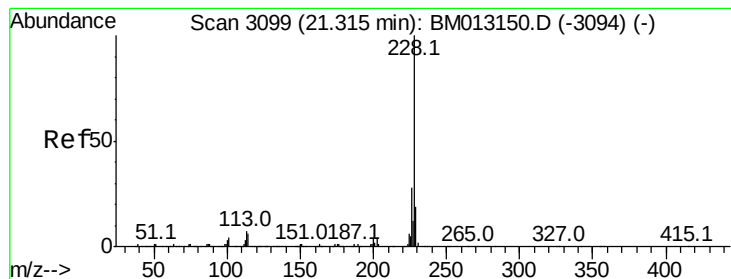
Ion Ratio Lower Upper

149 100

167 29.2 22.8 34.2

279 4.7 4.9 7.3#





#82

Chrysene

Concen: 155.847 ng/ul

RT: 21.33 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

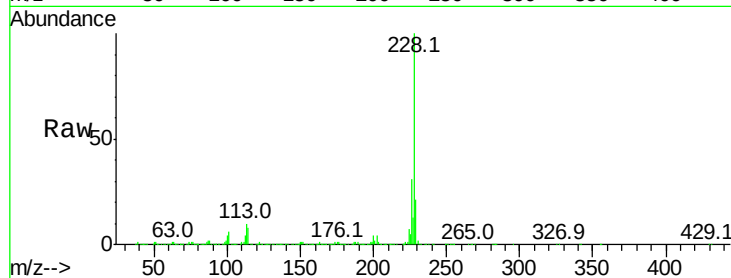
Tot Ion:228 Resp:11569912

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

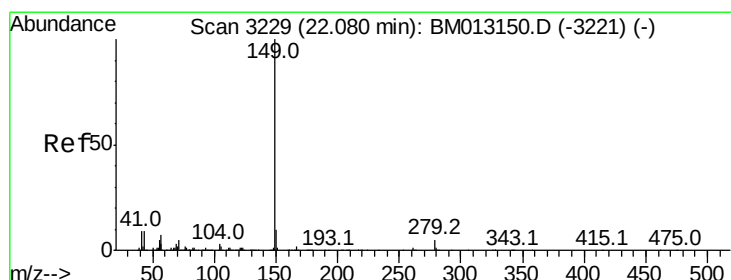
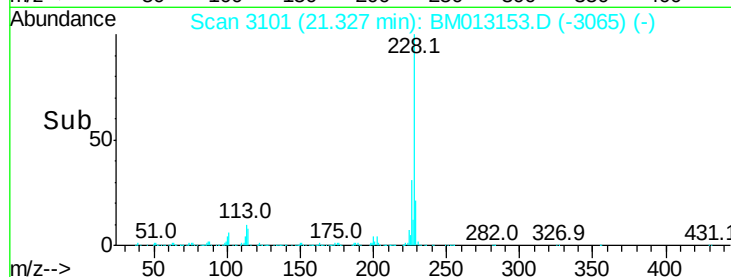
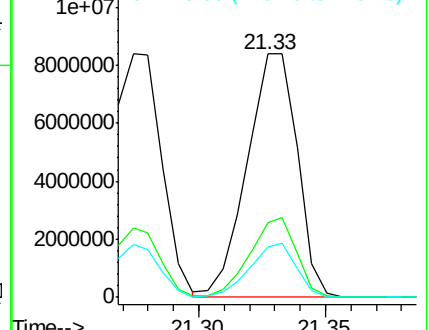
229 20.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 203.026 ng/ul

RT: 22.09 min Scan# 3230

Delta R.T. 0.01 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

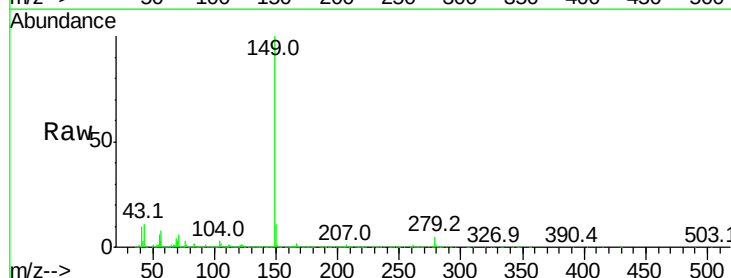
Tgt Ion:149 Resp:12783240

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

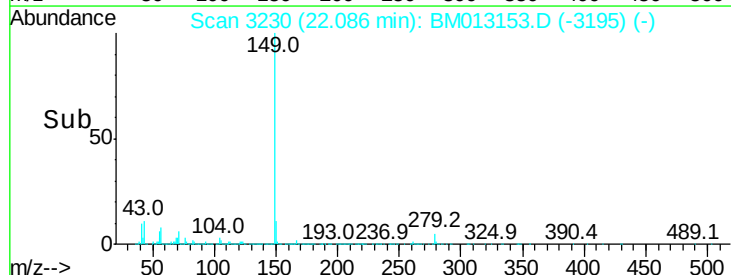
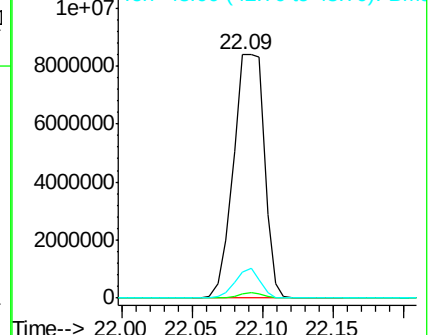
43 10.6 7.3 10.9

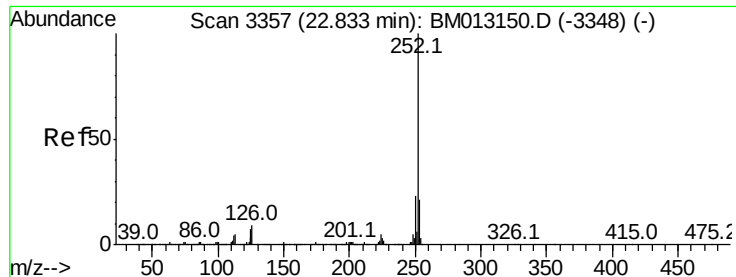


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 187.871 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

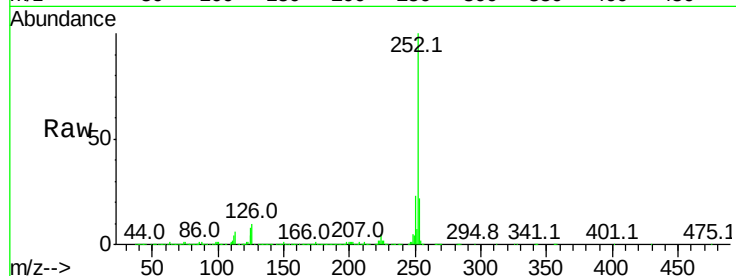
Tot Ion:252 Resp:11600525

Ion Ratio Lower Upper

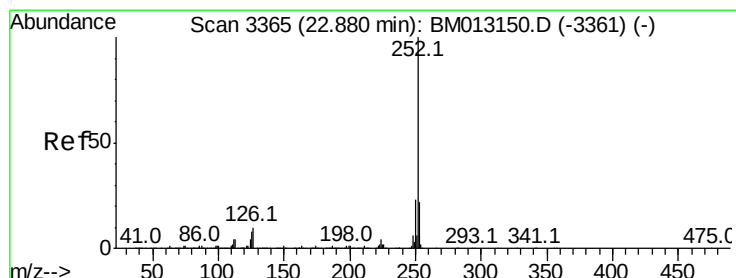
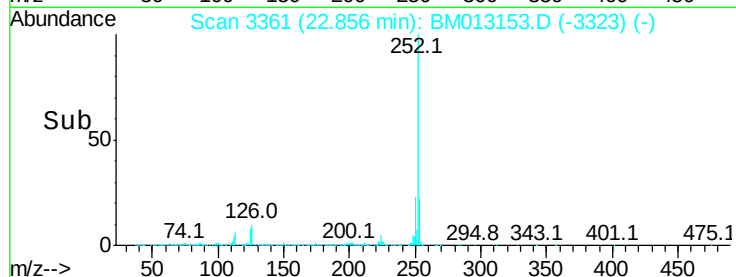
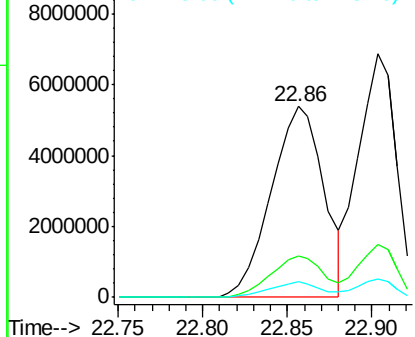
252 100

253 21.7 17.9 26.9

125 8.0 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: 187.897 ng/ul

RT: 22.90 min Scan# 3369

Delta R.T. 0.02 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

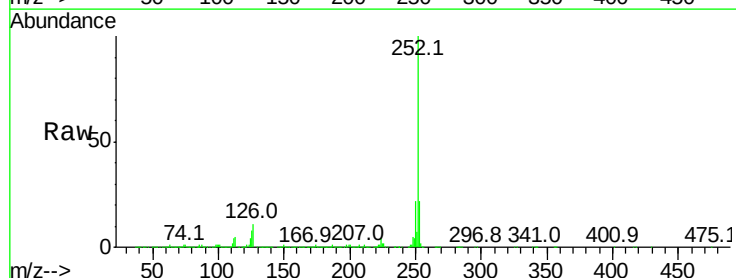
Tgt Ion:252 Resp:10681508

Ion Ratio Lower Upper

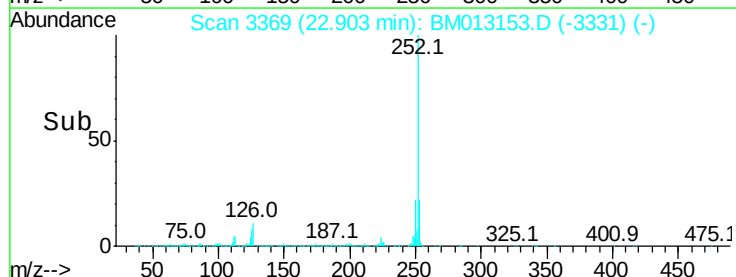
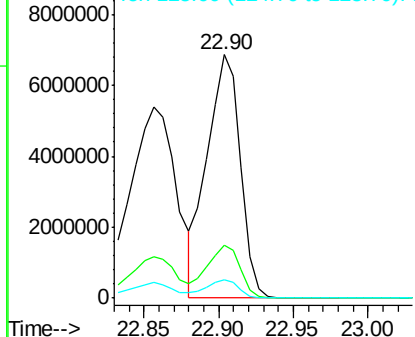
252 100

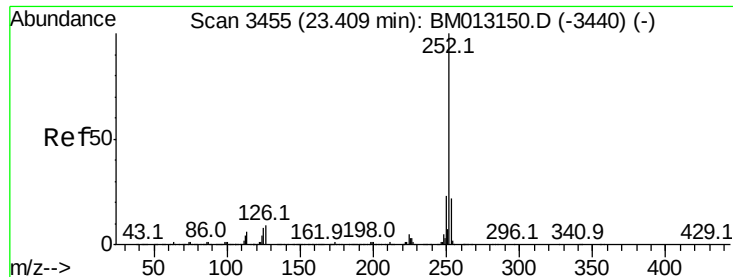
253 21.7 17.1 25.7

125 7.8 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: 172.176 ng/ul

RT: 23.44 min Scan# 3460

Delta R.T. 0.03 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

Instrument :

BNA_M

ClientSampleId :

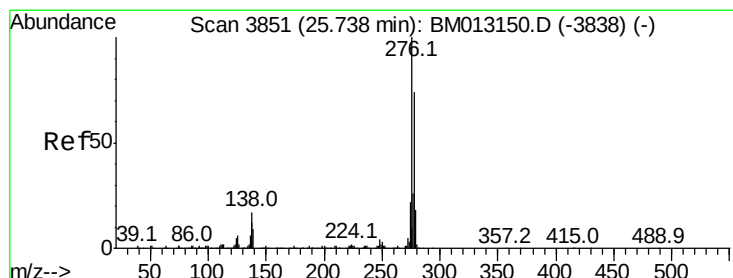
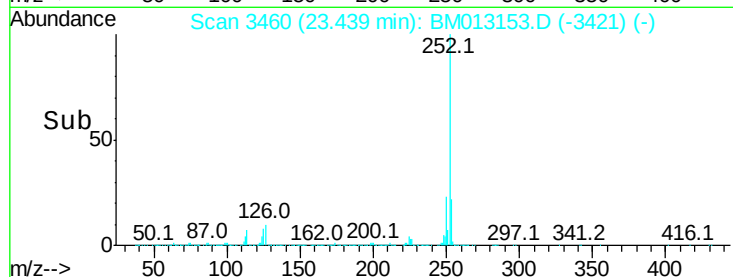
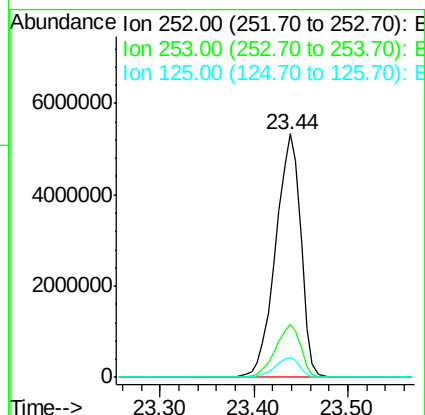
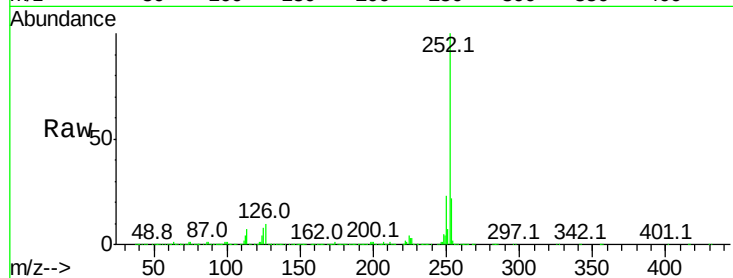
Tot Ion:252 Resp: 9900843

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.3	4.0	6.0

252 100

253 21.8 18.2 27.2

125 8.3 4.0 6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 142.376 ng/ul

RT: 25.78 min Scan# 3858

Delta R.T. 0.04 min

Lab File: BM013153.D

Acq: 30 Nov 2017 12:15

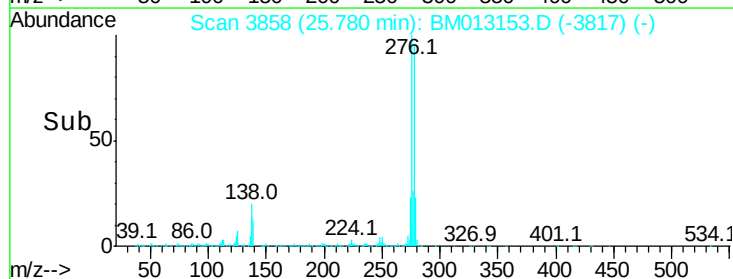
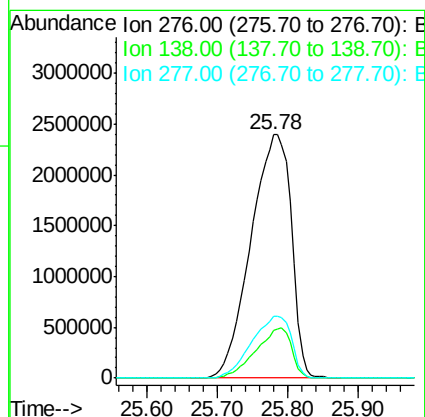
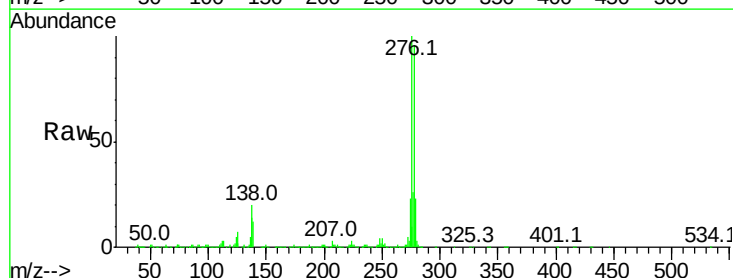
Tgt Ion:276 Resp: 9563307

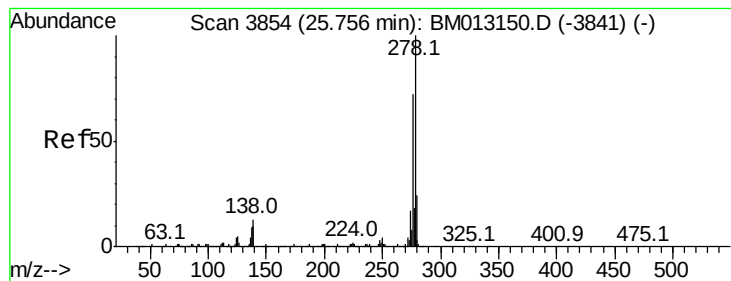
Ion	Ratio	Lower	Upper
276	100		
138	19.6	9.3	13.9
277	25.6	19.9	29.9

276 100

138 19.6 9.3 13.9

277 25.6 19.9 29.9



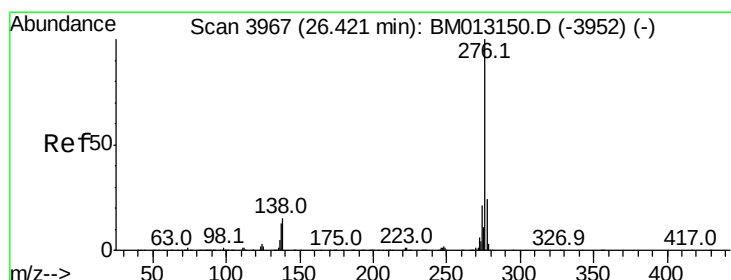
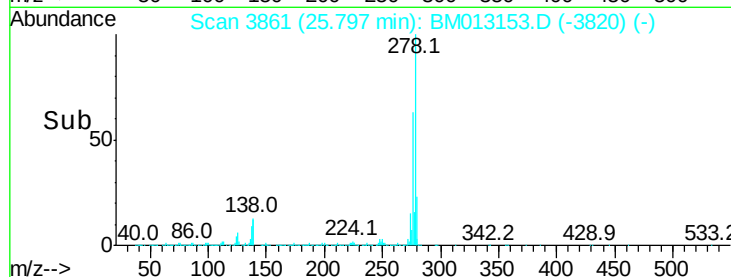
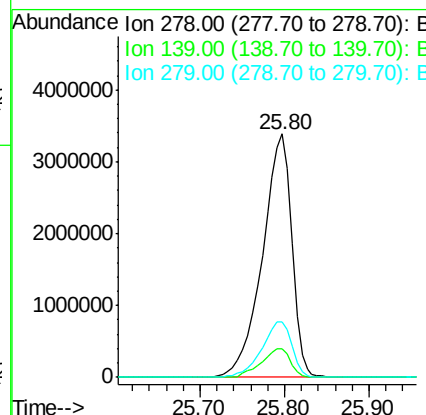
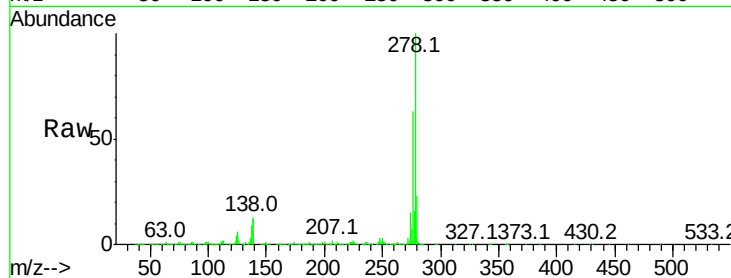


#90

Dibenzo(a,h)anthracene
 Concen: 143.848 ng/ul
 RT: 25.80 min Scan# 3861
 Delta R.T. 0.04 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 8185010
 Ion Ratio Lower Upper
 278 100
 139 11.8 5.8 8.8#
 279 22.9 18.6 27.8



#91

Benzo(g,h,i)perylene
 Concen: 134.958 ng/ul
 RT: 26.47 min Scan# 3975
 Delta R.T. 0.05 min
 Lab File: BM013153.D
 Acq: 30 Nov 2017 12:15

Tgt Ion:276 Resp: 7532173
 Ion Ratio Lower Upper
 276 100
 138 15.5 8.5 12.7#
 277 23.3 18.6 28.0

