

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013154.D
 Acq On : 30 Nov 2017 12:50
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 30 13:22:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 30 13:06:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	193912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	867442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	559097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1322605	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1406079	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1143347	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31632	20.20	ng/uL	0.00
5) Phenol-d5	6.88	99	331541	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	189416	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	260596	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	284172	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	136911	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	150406	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	306577	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	368842	26.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	980812	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1221492	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	164094	18.98	ng/ul	0.00
57) Fluorene-d10	15.34	176	823764	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	154310	18.55	ng/ul	0.00
70) Anthracene-d10	17.19	188	1339961	20.23	ng/ul	0.00
76) Pyrene-d10	19.49	212	1462917	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1171166	20.11	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	34873	19.834	ng/uL#	63
4) Benzaldehyde	6.85	77	210917	25.407	ng/ul	93
6) Phenol	6.91	94	323554	19.509	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.14	93	255733	20.167	ng/ul	94
10) 2-Chlorophenol	7.27	128	251312	19.549	ng/ul	99
11) 2-Methylphenol	8.15	108	253913	19.795	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	268304	20.151	ng/ul#	83
14) Acetophenone	8.52	105	437002	20.049	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.51	70	226616	20.640	ng/ul#	68
16) 4-Methylphenol	8.47	108	276294	20.142	ng/ul	98
17) Hexachloroethane	8.77	117	111644	19.948	ng/ul	85
20) Nitrobenzene	8.90	77	336244	19.404	ng/ul	93
21) Isophorone	9.42	82	625009	20.497	ng/ul#	91
23) 2-Nitrophenol	9.60	139	158465	20.761	ng/ul#	78
24) 2,4-Dimethylphenol	9.67	107	334317	20.082	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	9.90	93	364350	20.417	ng/ul	95
27) 2,4-Dichlorophenol	10.13	162	279752	19.962	ng/ul#	90
28) Naphthalene	10.53	128	893482	20.020	ng/ul	99
30) 4-Chloroaniline	10.65	127	360531	26.707	ng/ul	94
31) Hexachlorobutadiene	10.82	225	197932	19.499	ng/ul	94
32) Caprolactam	11.42	113	80907	18.064	ng/ul#	36
33) 4-Chloro-3-methylphenol	11.78	107	309961	20.162	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	672753	20.053	ng/ul	94

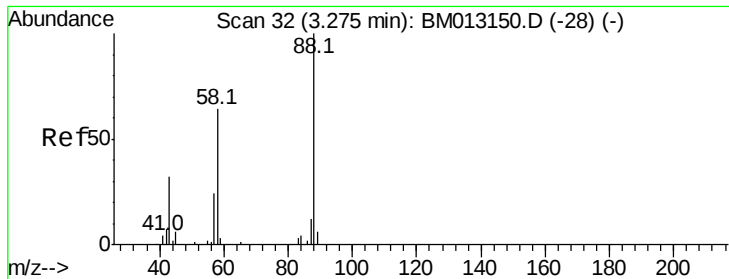
Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	386353	19.151	ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	247514	18.640	ng/ul	94
38) 2,4,6-Trichlorophenol	12.77	196	251541	20.000	ng/ul	94
39) 2,4,5-Trichlorophenol	12.84	196	262684	19.662	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	918359	19.435	ng/ul	100
41) 2-Chloronaphthalene	13.21	162	718758	19.389	ng/ul	97
42) 2-Nitroaniline	13.42	65	216446	19.929	ng/ul	92
44) Dimethylphthalate	13.80	163	932153	19.589	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	192762	19.862	ng/ul	96
47) Acenaphthylene	14.06	152	1124329	19.789	ng/ul	98
48) 3-Nitroaniline	14.26	138	182169	21.000	ng/ul	90
49) Acenaphthene	14.41	153	751912	19.427	ng/ul	96
50) 2,4-Dinitrophenol	14.46	184	93914	17.486	ng/ul	95
52) 4-Nitrophenol	14.57	109	161427	19.036	ng/ul#	80
53) Dibenzofuran	14.74	168	1100316	19.257	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	280381	19.860	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	243842	19.906	ng/ul	93
56) Diethylphthalate	15.18	149	953377	19.976	ng/ul	95
58) Fluorene	15.39	166	913911	19.334	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	489549	19.082	ng/ul	95
60) 4-Nitroaniline	15.42	138	198804	19.424	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	160487	19.302	ng/ul#	93
64) N-Nitrosodiphenylamine	15.61	169	788024	20.226	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	309019	19.875	ng/ul	94
66) Hexachlorobenzene	16.39	284	344062	20.067	ng/ul#	90
67) Atrazine	16.56	200	313898	21.828	ng/ul	96
68) Pentachlorophenol	16.74	266	186854	18.842	ng/ul	97
69) Phenanthrene	17.13	178	1487368	19.795	ng/ul	99
71) Anthracene	17.22	178	1517285	19.755	ng/ul	99
72) Carbazole	17.50	167	1296821	19.630	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1593797	20.666	ng/ul	99
74) Fluoranthene	19.15	202	1807821	19.633	ng/ul#	94
77) Pyrene	19.52	202	1805973	21.141	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	739859	22.167	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	600475	20.315	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	1778432	19.935	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1068556	21.240	ng/ul	99
82) Chrysene	21.32	228	1639480	19.809	ng/ul	98
84) Di-n-octyl phthalate	22.08	149	1714423	21.087	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1556153	20.190	ng/ul#	97
86) Benzo(k)fluoranthene	22.88	252	1515683	20.897	ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1393636	20.129	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1299704	18.919	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.76	278	1111824	19.007	ng/ul#	98
91) Benzo(g,h,i)perylene	26.43	276	1029425	18.997	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 19.834 ng/uL

RT: 3.28 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

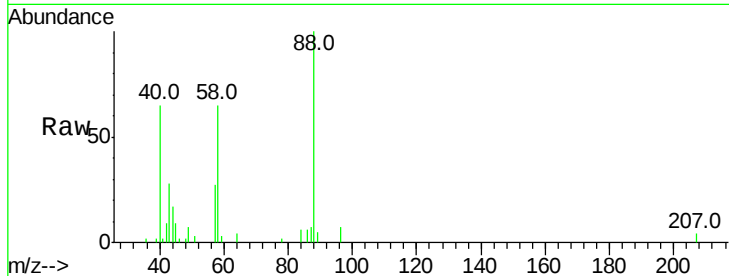
Tot Ion: 88 Resp: 34873

Ion Ratio Lower Upper

88 100

43 30.5 48.0 72.0#

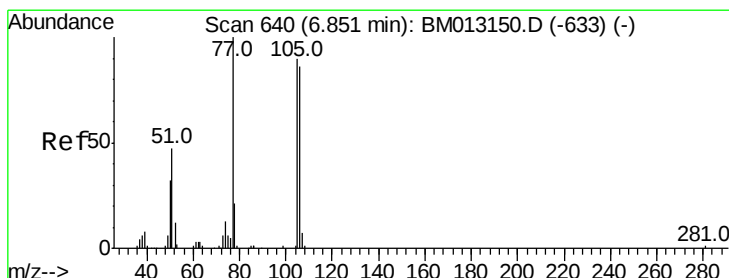
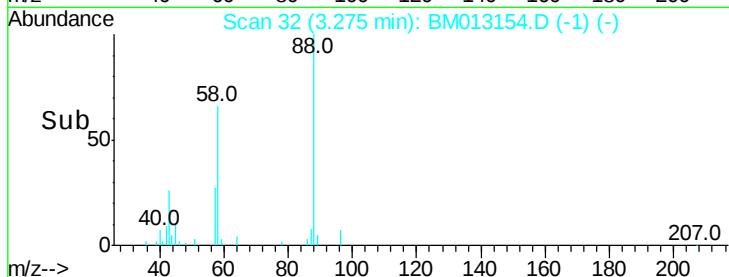
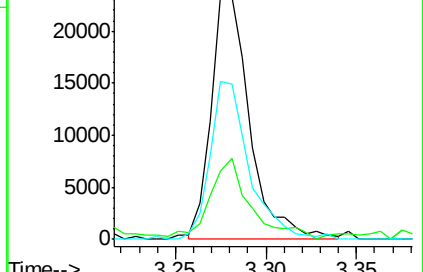
58 64.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013154.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013154.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013154.D (-28) (-)



#4

Benzaldehyde

Concen: 25.407 ng/uL

RT: 6.85 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

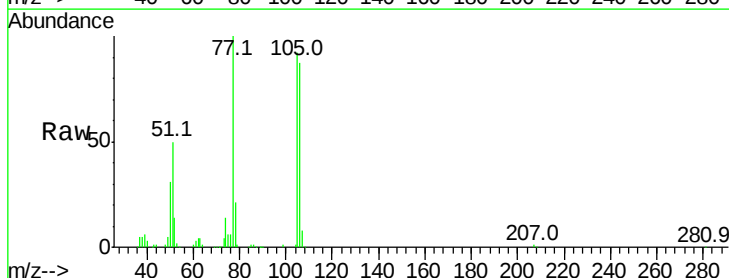
Tgt Ion: 77 Resp: 210917

Ion Ratio Lower Upper

77 100

105 92.5 66.1 99.1

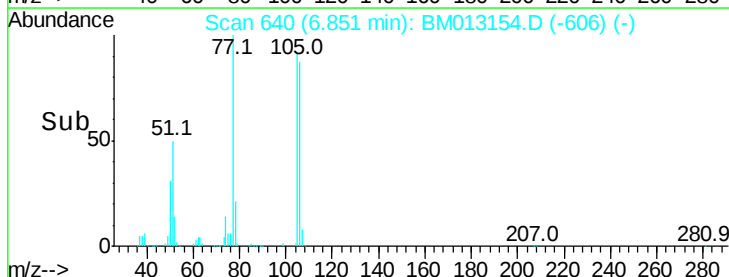
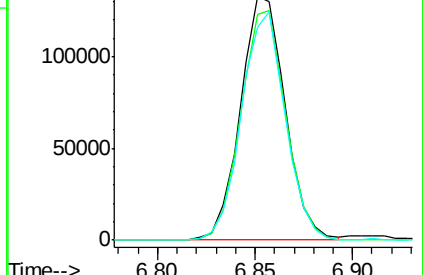
106 87.4 67.8 101.6

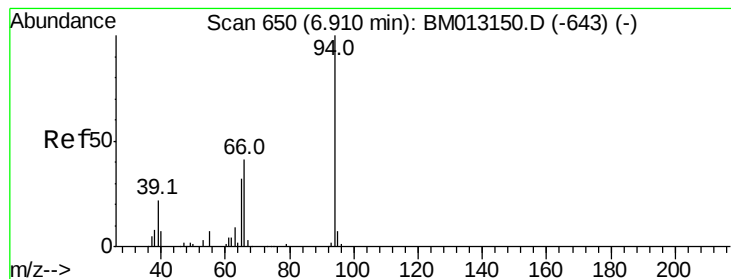


Abundance Ion 77.00 (76.70 to 77.70): BM013154.D (-633) (-)

Ion 105.00 (104.70 to 105.70): BM013154.D (-633) (-)

Ion 106.00 (105.70 to 106.70): BM013154.D (-633) (-)





#6

Phenol

Concen: 19.509 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampled :

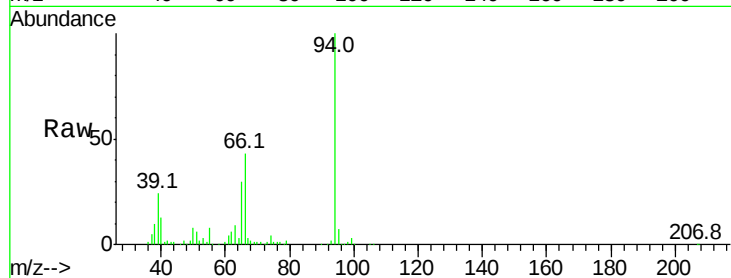
Tot Ion: 94 Resp: 32354

Ion Ratio Lower Upper

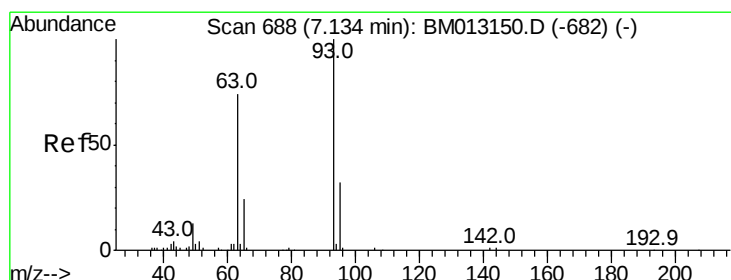
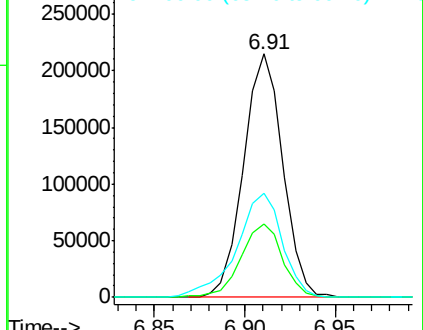
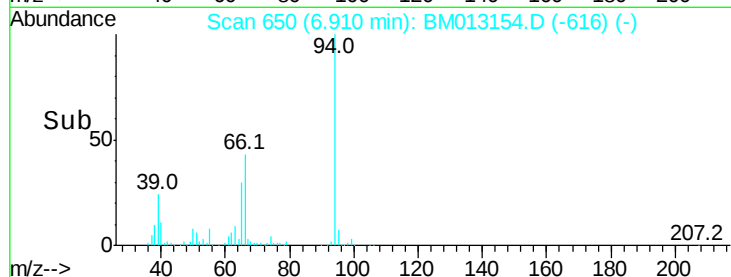
94 100

65 29.9 28.2 42.4

66 42.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013154.D (-616) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.167 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

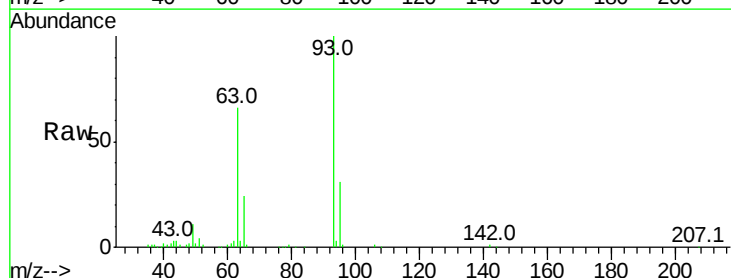
Tgt Ion: 93 Resp: 255733

Ion Ratio Lower Upper

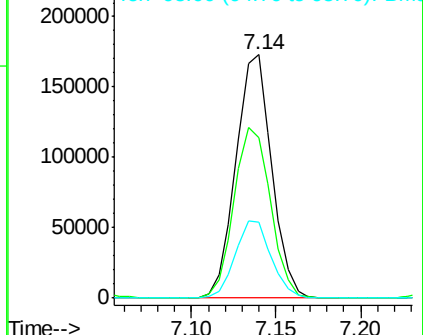
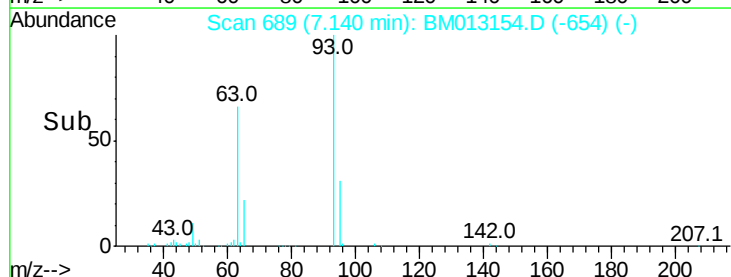
93 100

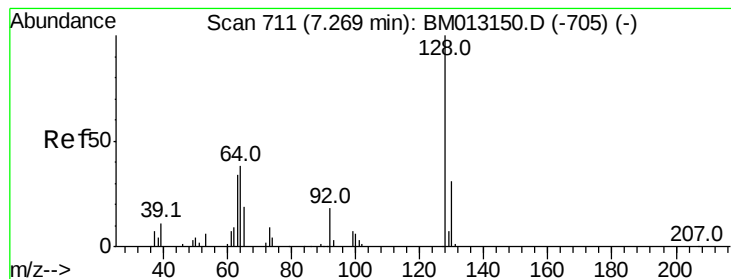
63 66.0 57.3 85.9

95 31.4 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM013154.D (-654) (-)





#10

2-Chlorophenol

Concen: 19.549 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

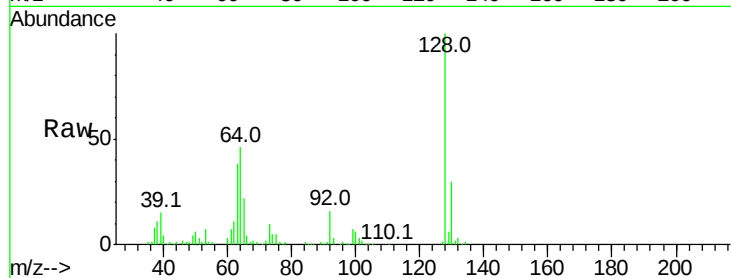
Tot Ion:128 Resp: 251312

Ion Ratio Lower Upper

128 100

64 46.0 38.0 57.0

130 30.5 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

7.27

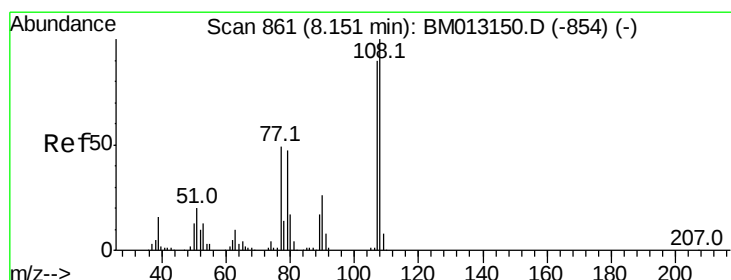
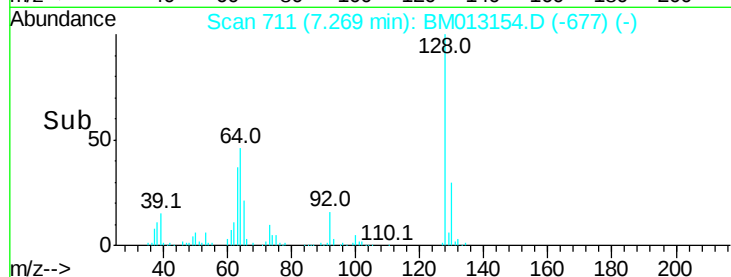
150000

100000

50000

0

Time--> 7.20 7.25 7.30



#11

2-Methylphenol

Concen: 19.795 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM013154.D

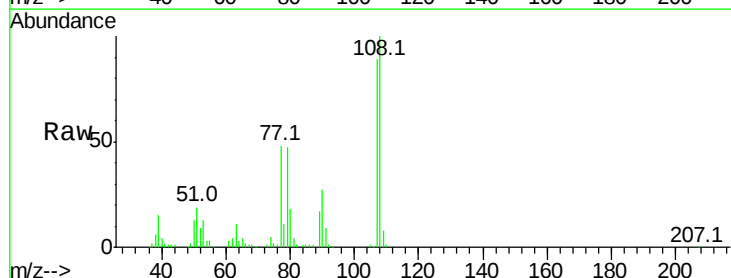
Acq: 30 Nov 2017 12:50

Tgt Ion:108 Resp: 253913

Ion Ratio Lower Upper

108 100

107 88.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.15

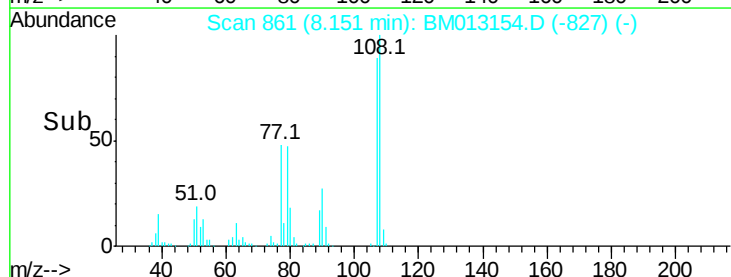
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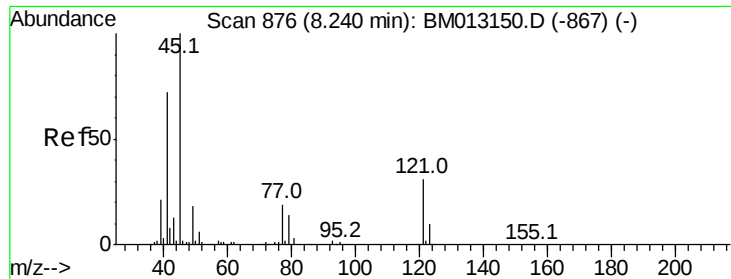
100000

50000

0

Time--> 8.10 8.15 8.20

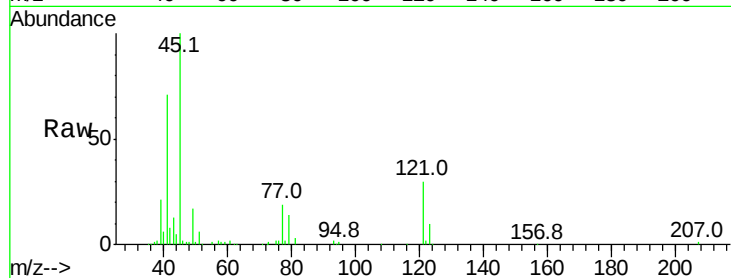




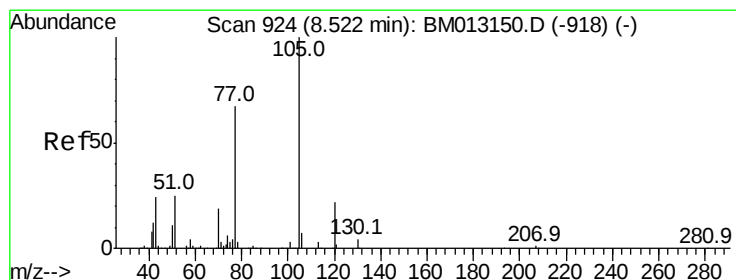
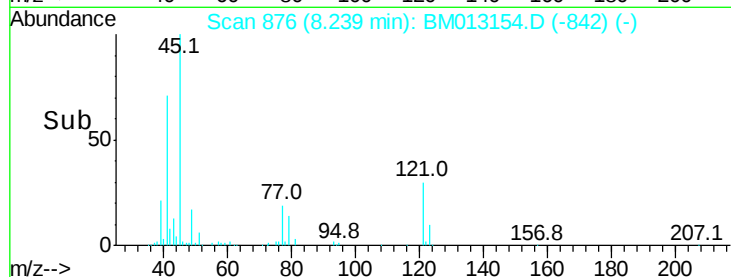
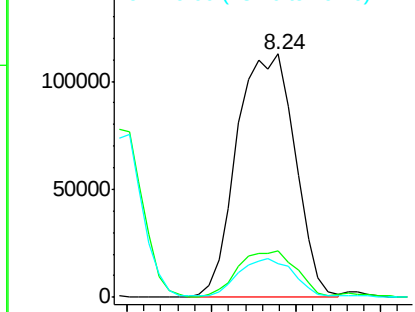
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.151 ng/ul
RT: 8.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Instrument :
BNA_M
ClientSampled :

Tot Ion: 45 Resp: 268304
Ion Ratio Lower Upper
45 100
77 18.9 8.0 12.0#
79 13.7 8.0 12.0#

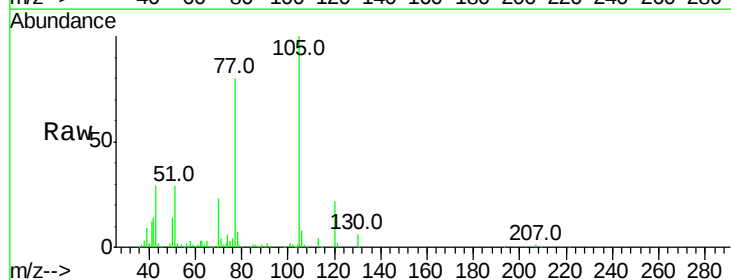


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

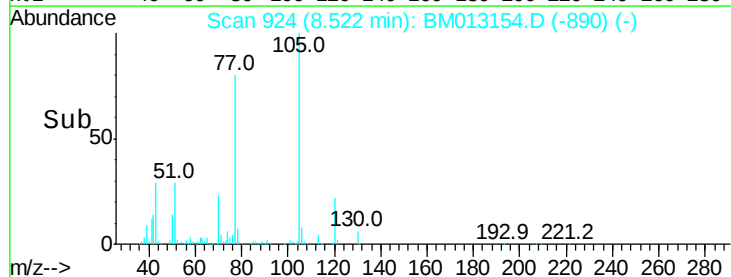
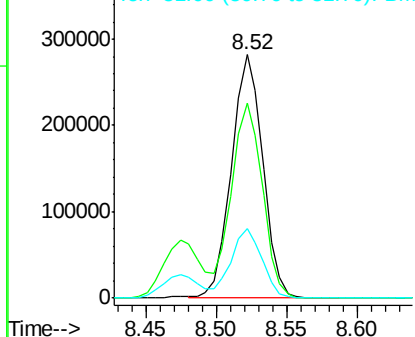


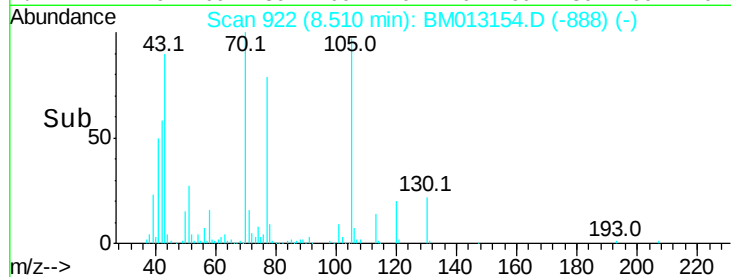
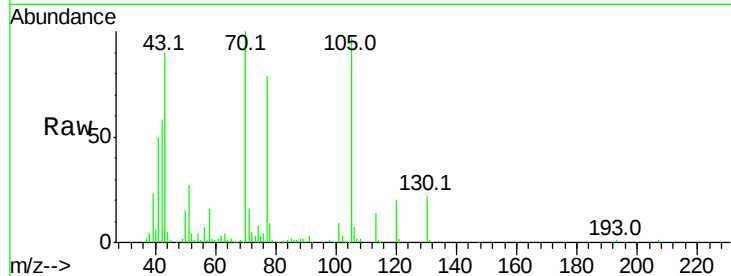
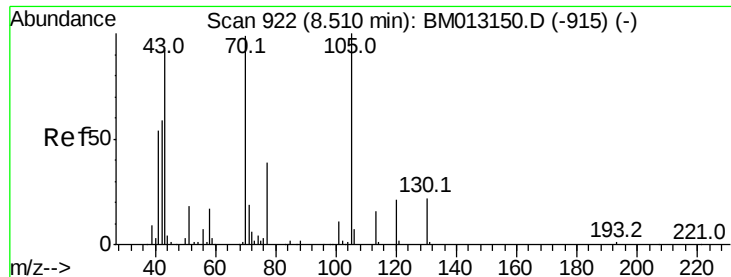
#14
Acetophenone
Concen: 20.049 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion:105 Resp: 437002
Ion Ratio Lower Upper
105 100
77 79.9 74.2 111.4
51 28.7 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 20.640 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 226616

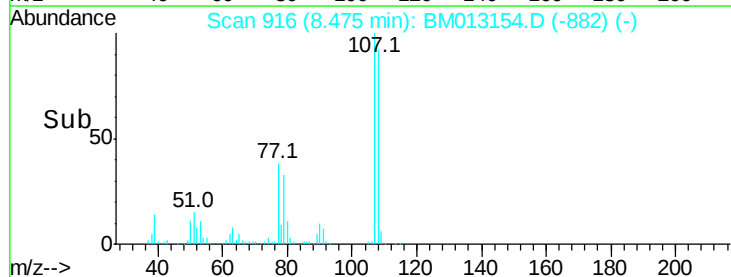
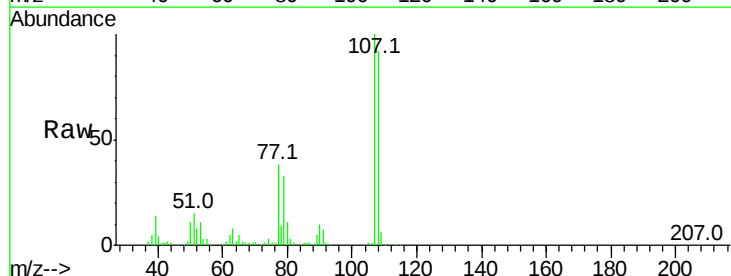
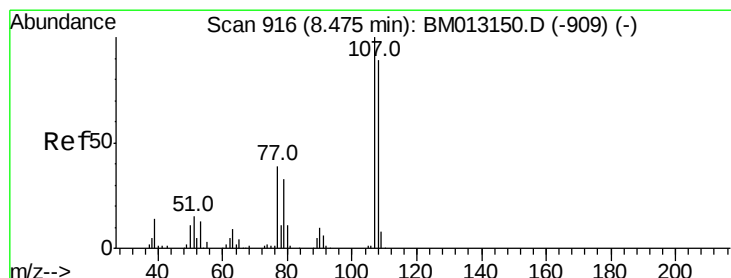
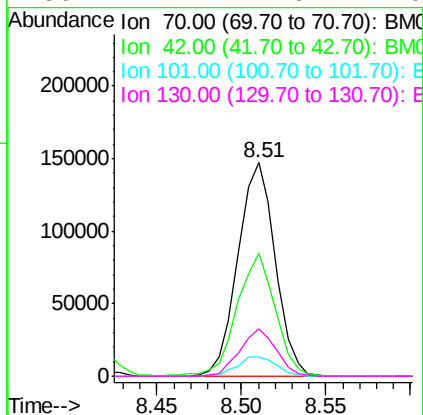
Ion Ratio Lower Upper

70 100

42 57.5 76.0 114.0#

101 9.0 6.7 10.1

130 22.2 14.6 22.0#



#16

4-Methylphenol

Concen: 20.142 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BM013154.D

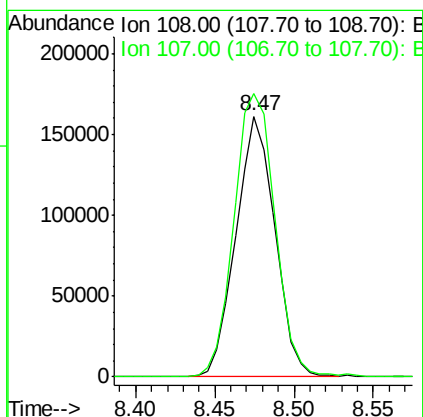
Acq: 30 Nov 2017 12:50

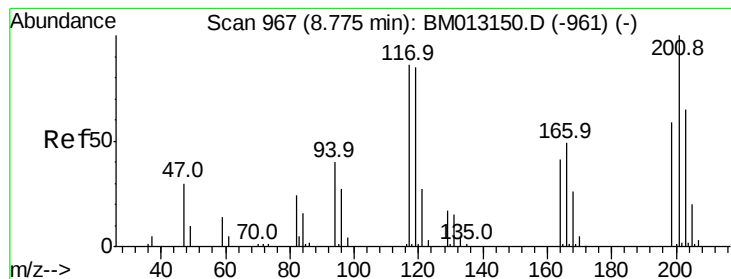
Tgt Ion: 108 Resp: 276294

Ion Ratio Lower Upper

108 100

107 108.5 84.9 127.3





#17

Hexachloroethane

Concen: 19.948 ng/ul

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

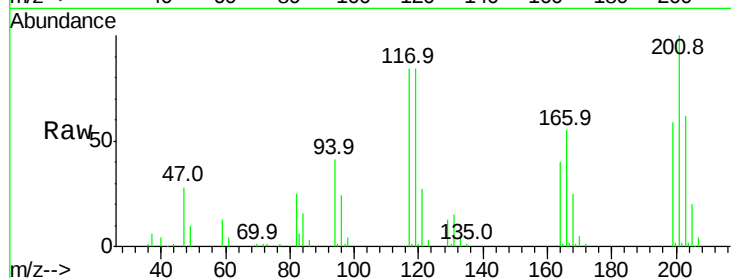
Tot Ion:117 Resp: 111644

Ion Ratio Lower Upper

117 100

201 121.6 111.6 167.4

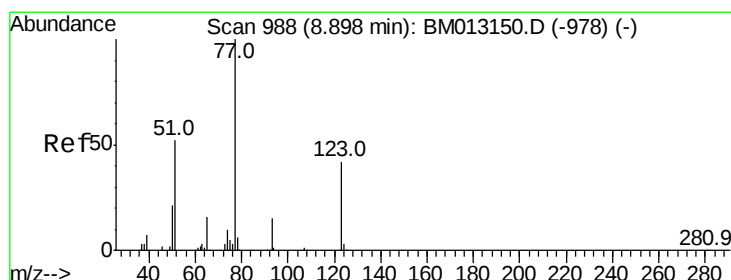
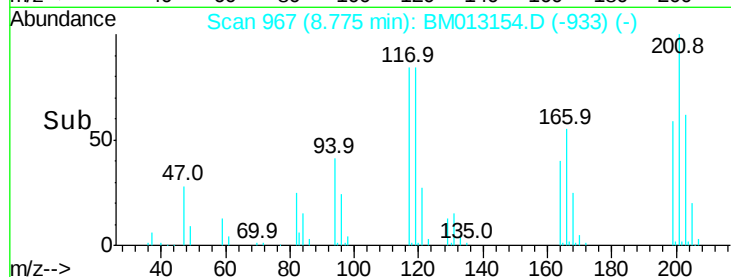
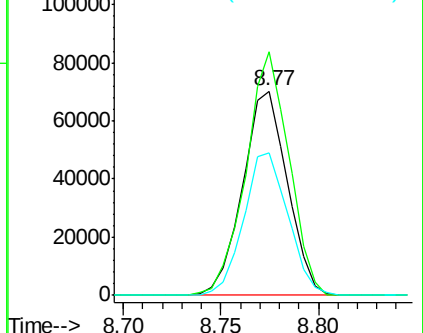
199 70.1 67.8 101.6



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: 19.404 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

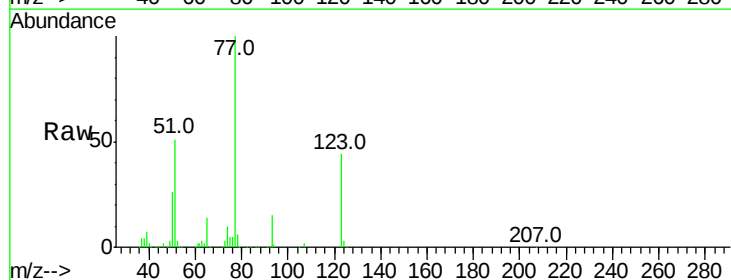
Tgt Ion: 77 Resp: 336244

Ion Ratio Lower Upper

77 100

123 43.8 31.0 46.6

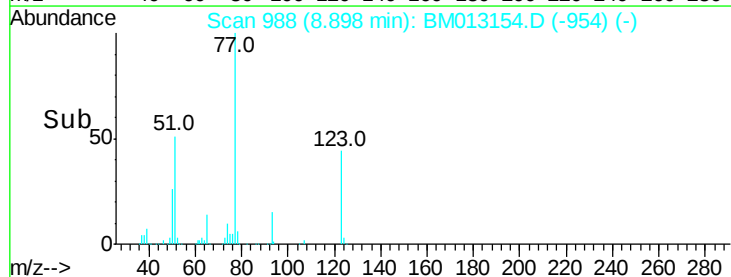
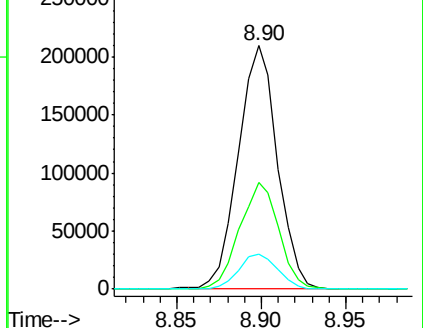
65 14.3 12.2 18.2

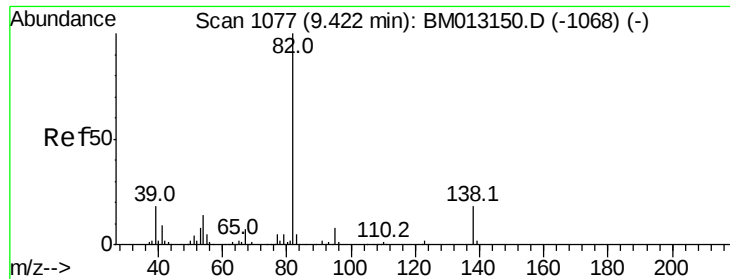


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.497 ng/ul

RT: 9.42 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

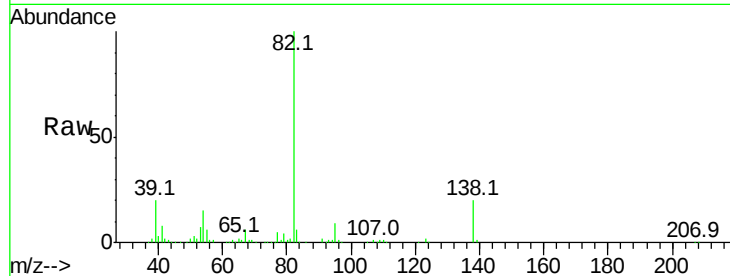
Tot Ion: 82 Resp: 625009

Ion Ratio Lower Upper

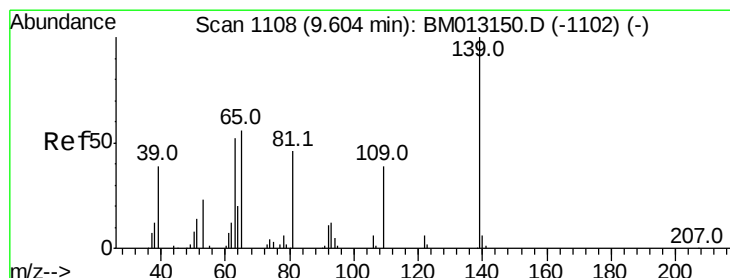
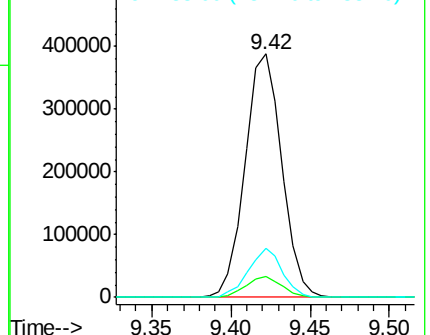
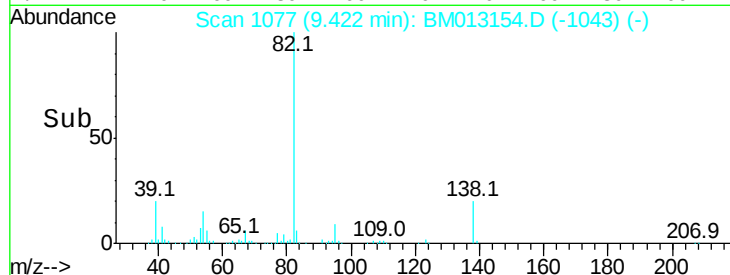
82 100

95 8.6 7.8 11.8

138 19.9 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013154.D (-1043) (-)



#23

2-Nitrophenol

Concen: 20.761 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

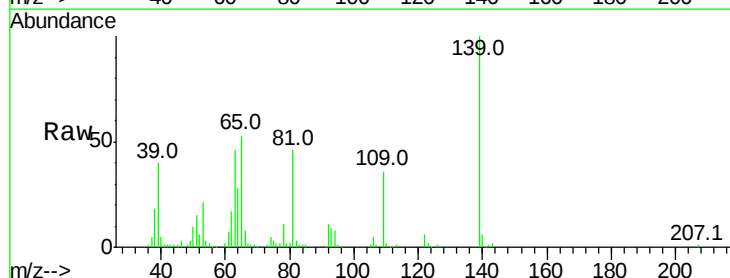
Tgt Ion: 139 Resp: 158465

Ion Ratio Lower Upper

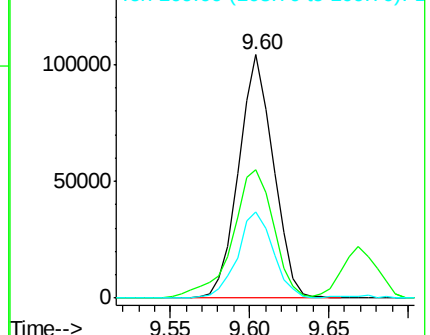
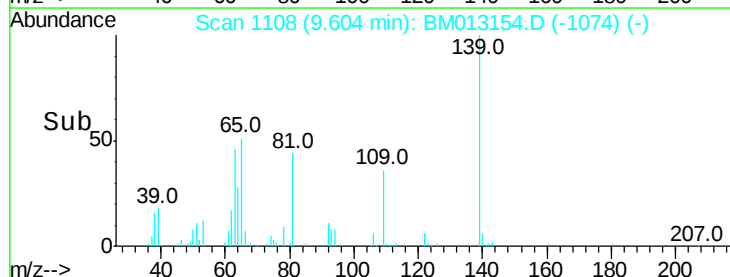
139 100

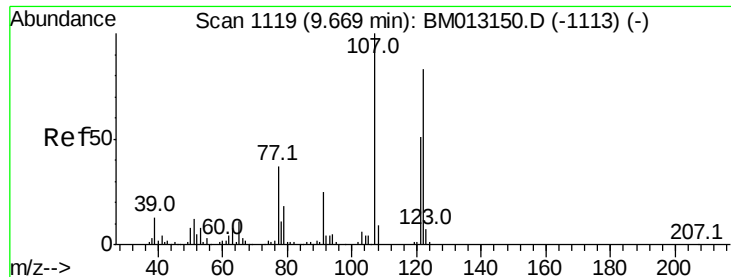
65 52.8 55.4 83.0#

109 35.5 42.2 63.2#



Abundance Ion 139.00 (138.70 to 139.70): BM013154.D (-1074) (-)





#24

2,4-Dimethylphenol

Concen: 20.082 ng/ul

RT: 9.67 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

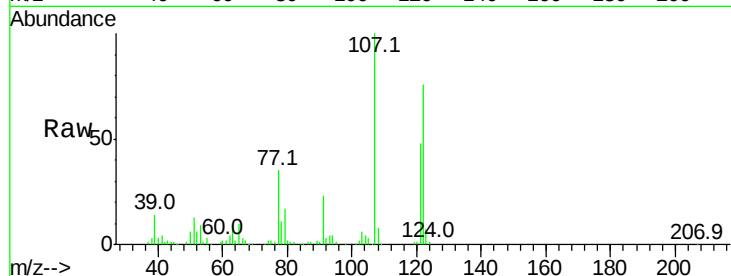
Tot Ion:107 Resp: 334317

Ion Ratio Lower Upper

107 100

121 48.0 31.9 47.9#

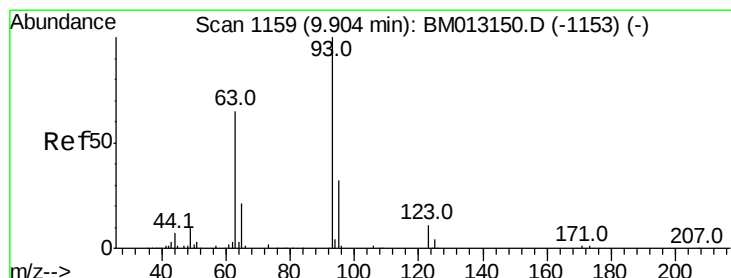
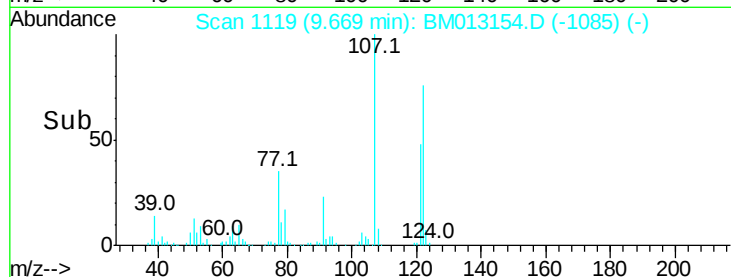
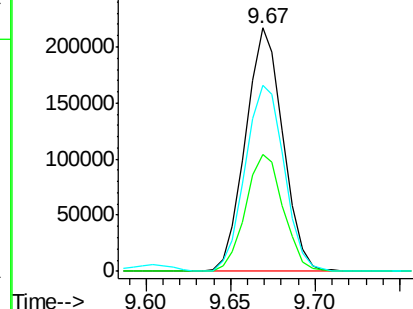
122 76.3 57.8 86.6



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: 20.417 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

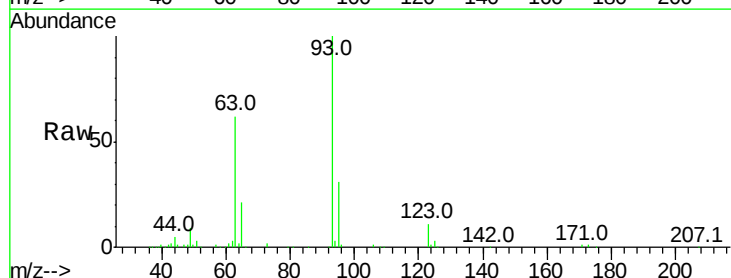
Tgt Ion: 93 Resp: 364350

Ion Ratio Lower Upper

93 100

95 31.4 28.5 42.7

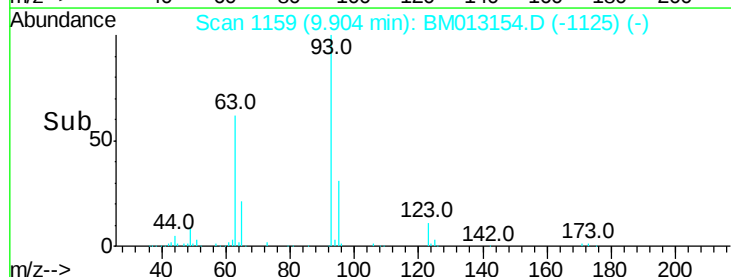
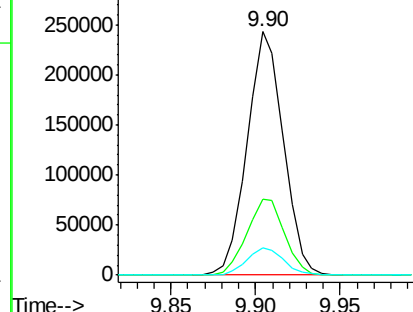
123 11.2 8.9 13.3

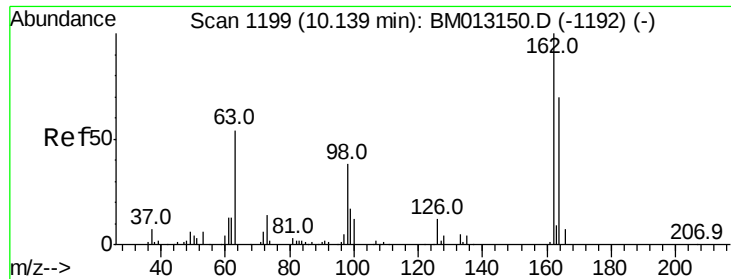


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.962 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

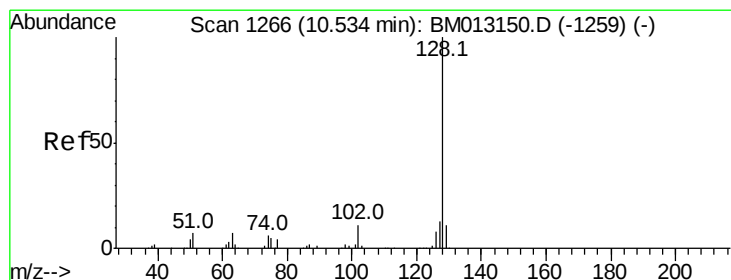
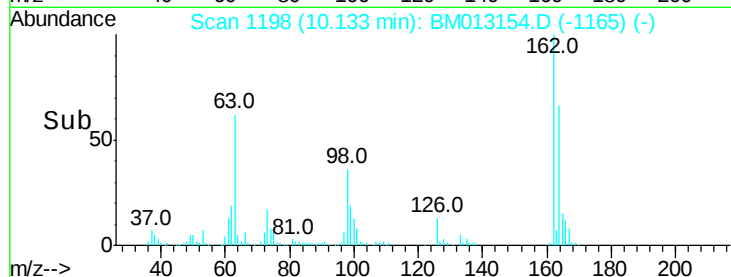
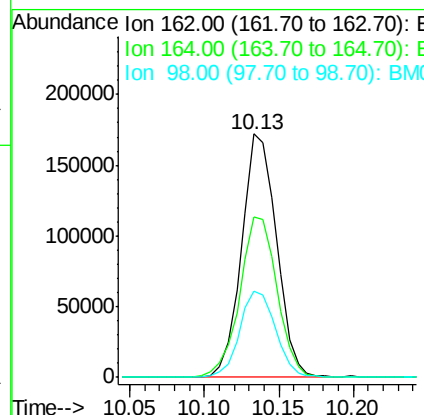
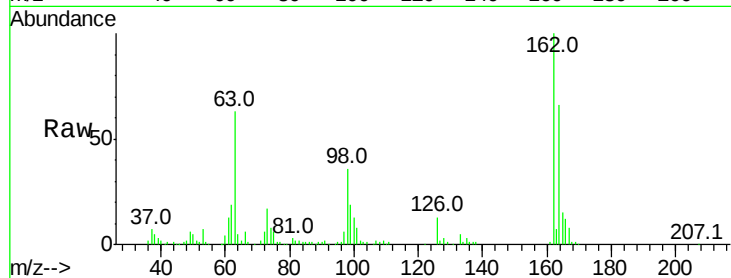
Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 279752

Ion	Ratio	Lower	Upper
162	100		
164	65.9	47.8	71.6
98	35.5	23.0	34.4#



#28

Naphthalene

Concen: 20.020 ng/ul

RT: 10.53 min Scan# 1266

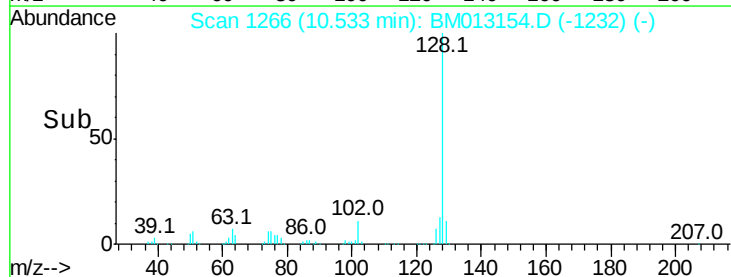
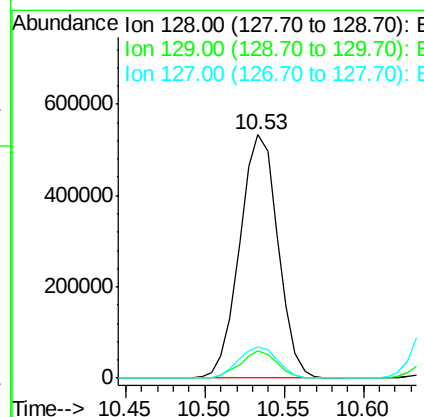
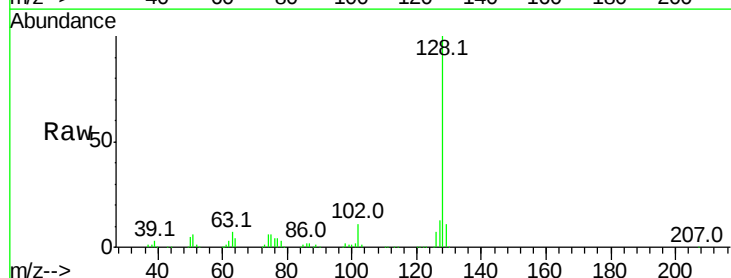
Delta R.T. -0.00 min

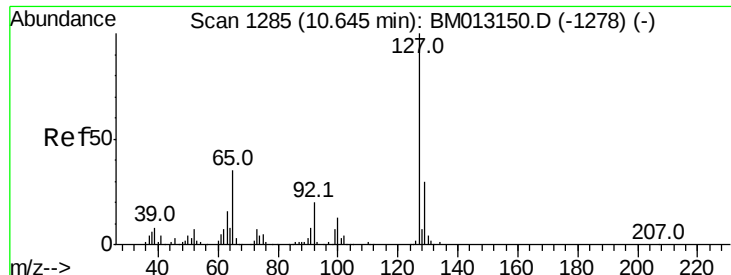
Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:128 Resp: 893482

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.6	10.6	16.0

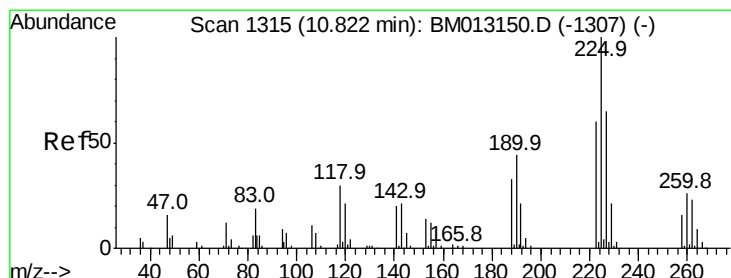
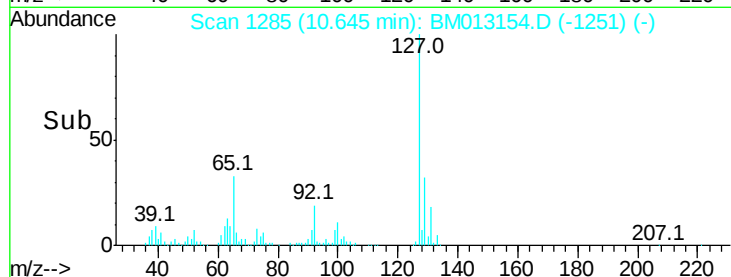
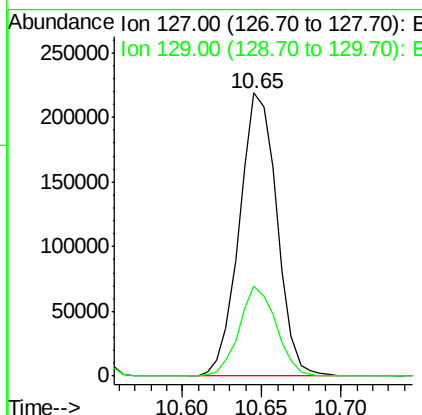
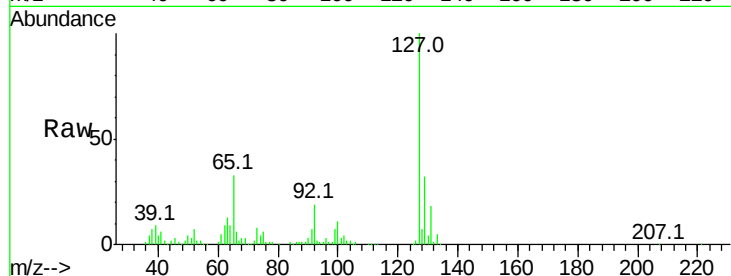




#30
4-Chloroaniline
Concen: 26.707 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

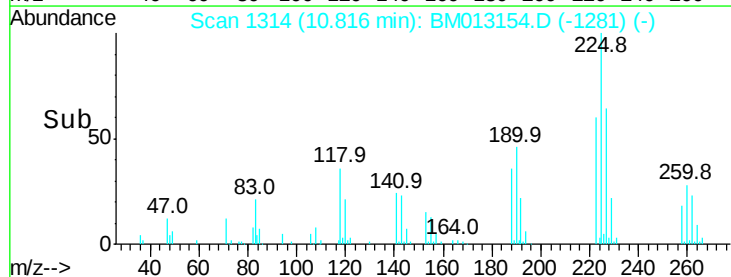
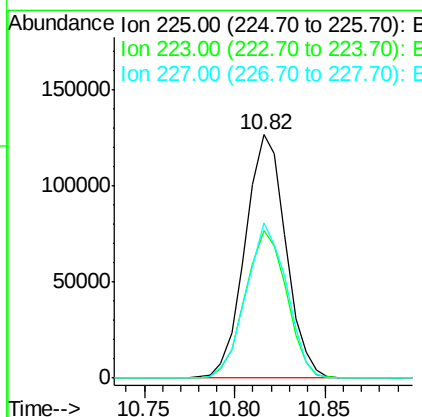
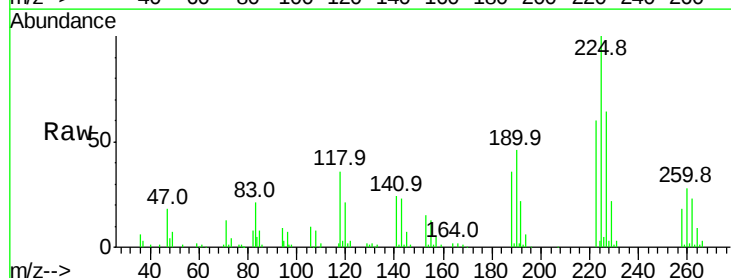
Instrument :
BNA_M
ClientSampleId :

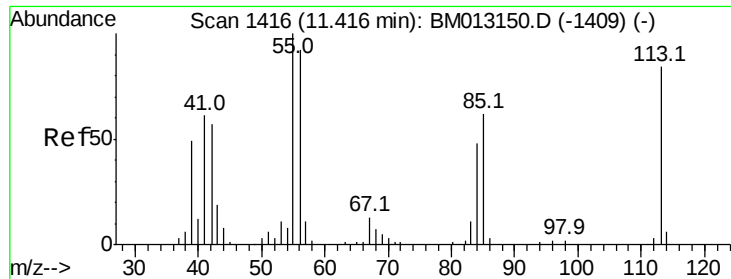
Tot Ion:127 Resp: 360531
Ion Ratio Lower Upper
127 100
129 31.9 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.499 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion:225 Resp: 197932
Ion Ratio Lower Upper
225 100
223 60.4 49.4 74.2
227 63.8 45.4 68.2





#32

Caprolactam

Concen: 18.064 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

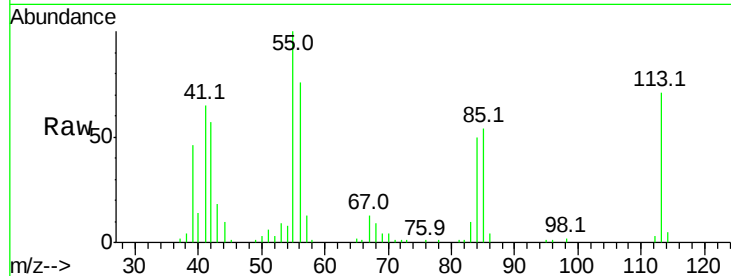
Tot Ion:113 Resp: 80907

Ion Ratio Lower Upper

113 100

55 141.0 208.0 312.0#

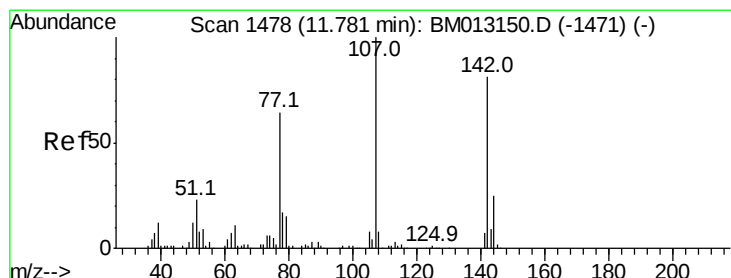
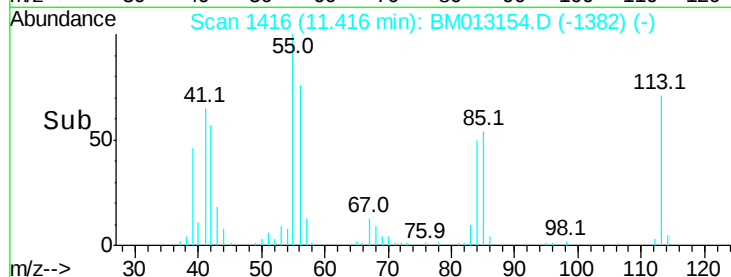
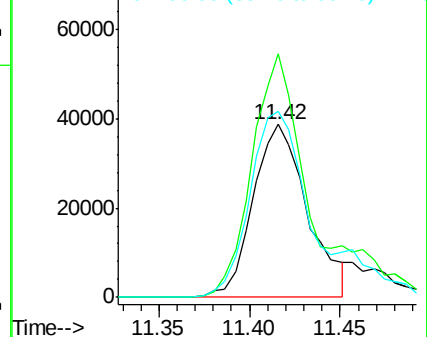
56 107.5 160.0 240.0#



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: 20.162 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

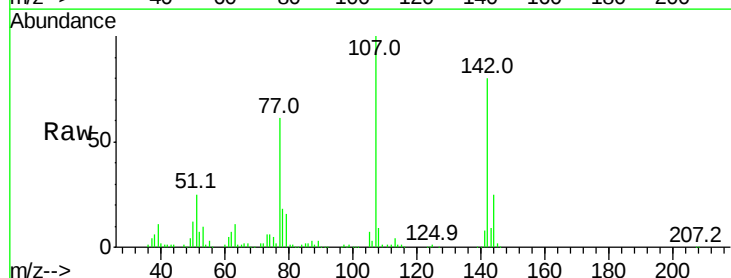
Tgt Ion:107 Resp: 309961

Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

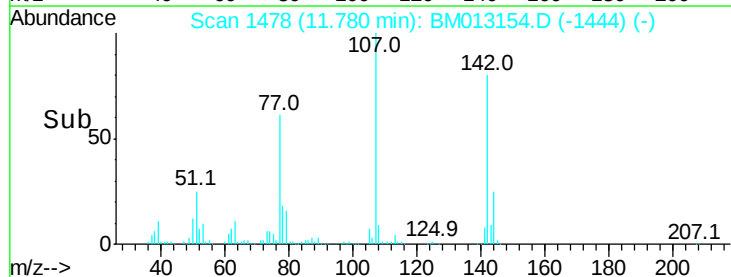
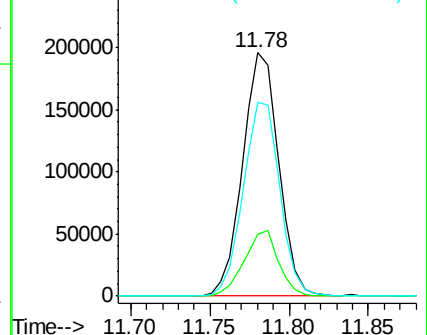
142 79.5 60.5 90.7

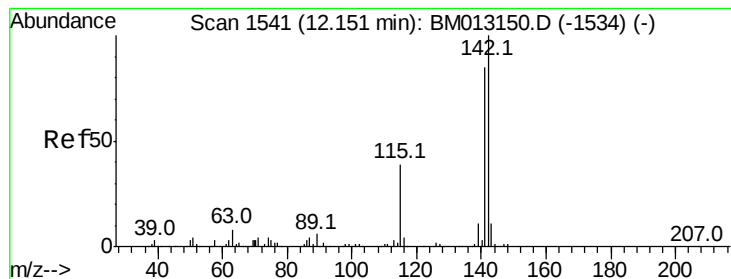


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.053 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

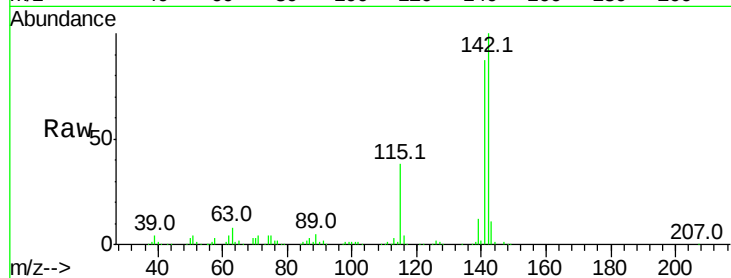
ClientSampleId :

Tot Ion:142 Resp: 672753

Ion Ratio Lower Upper

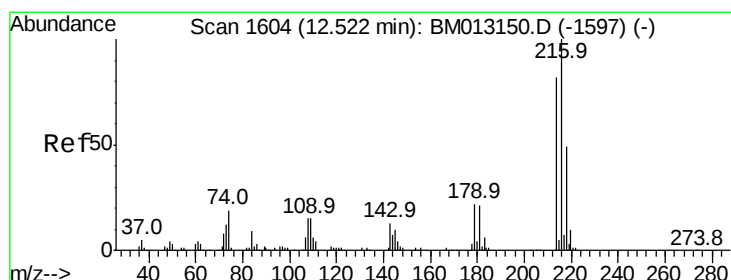
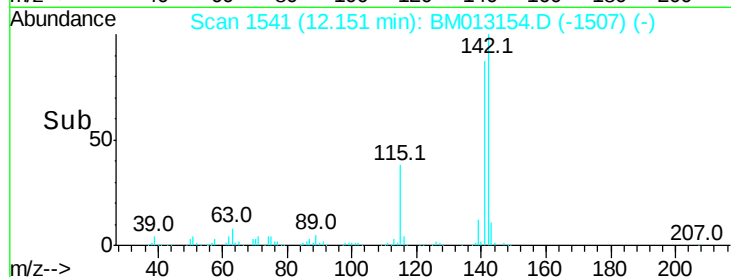
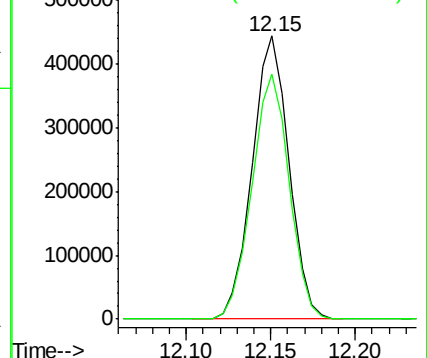
142 100

141 86.7 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.151 ng/ul

RT: 12.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:216 Resp: 386353

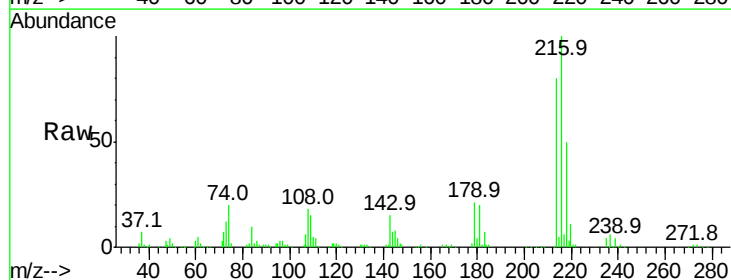
Ion Ratio Lower Upper

216 100

214 80.4 60.6 90.8

179 21.4 17.5 26.3

108 18.0 11.3 16.9#

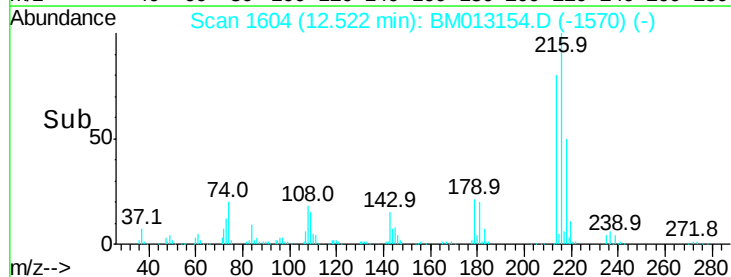
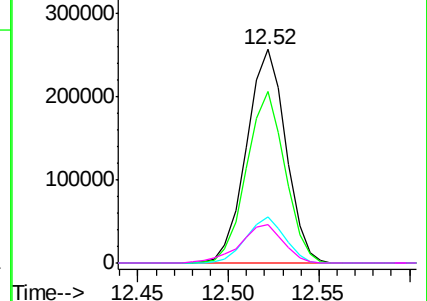


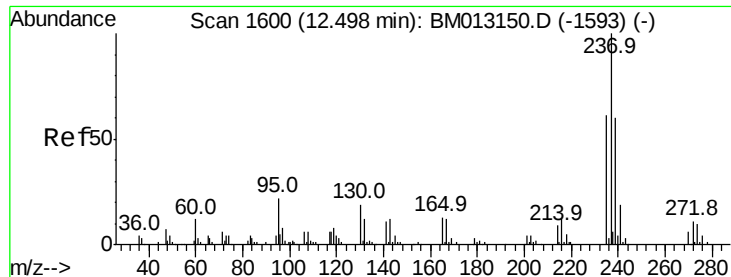
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

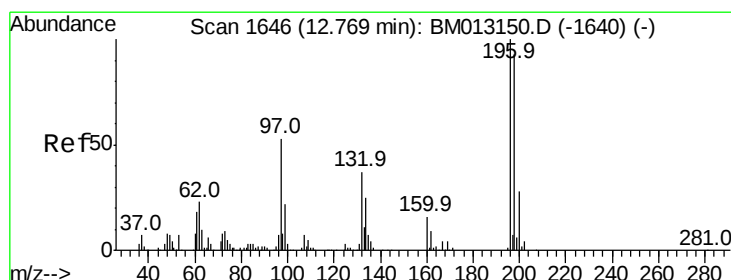
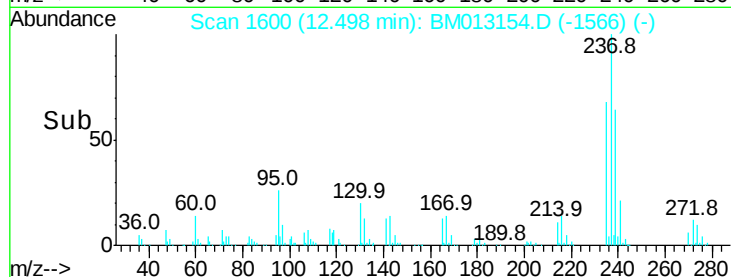
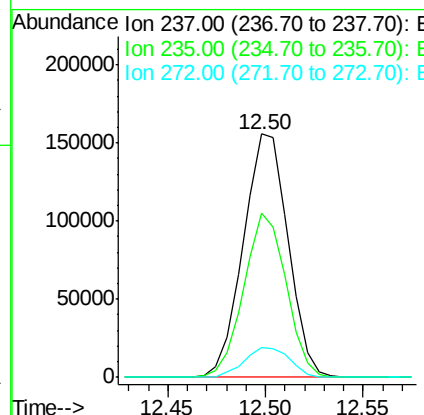
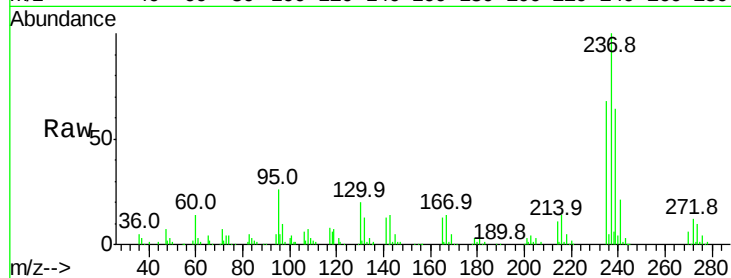




#37
Hexachlorocyclopentadiene
Concen: 18.640 ng/ul
RT: 12.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

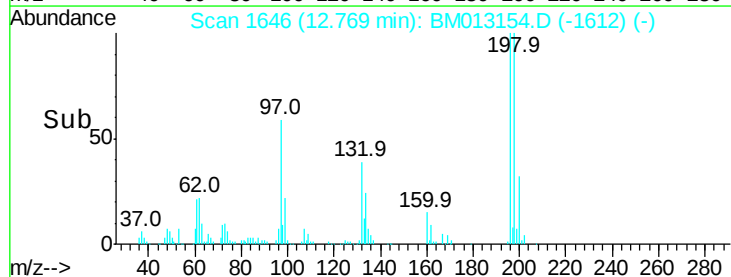
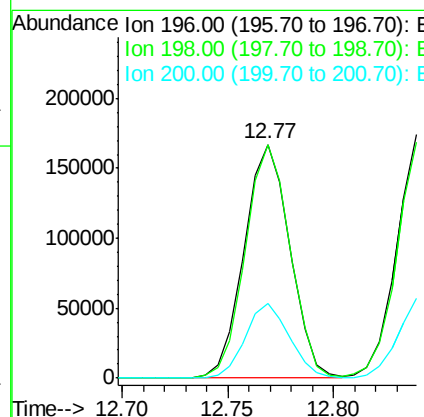
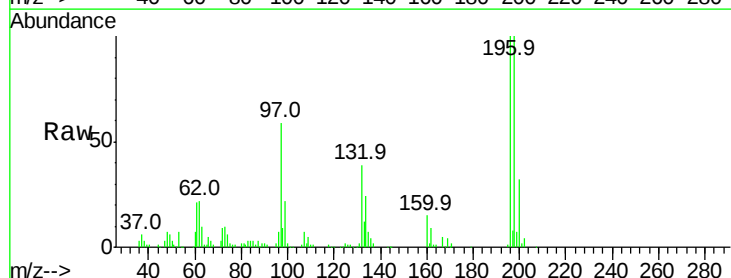
Instrument :
BNA_M
ClientSampleId :

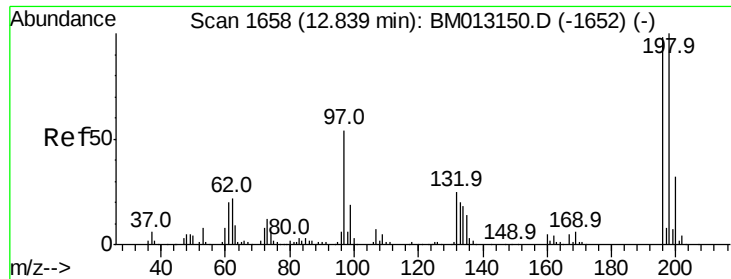
Tot Ion	Ratio	Lower	Upper
237	100		
235	67.5	50.2	75.4
272	12.3	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 20.000 ng/ul
RT: 12.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.1	111.1
200	31.9	25.2	37.8

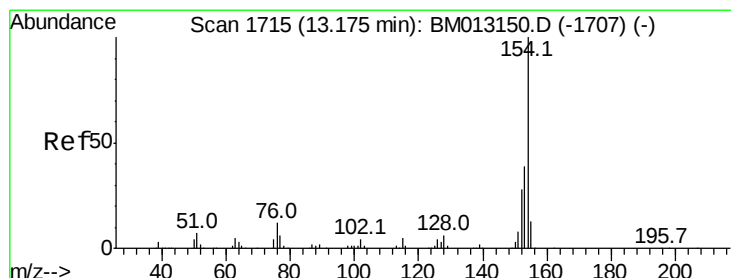
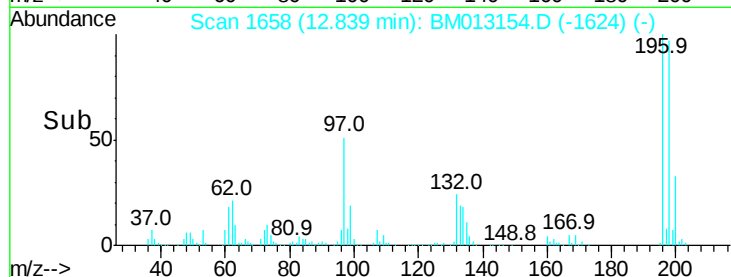
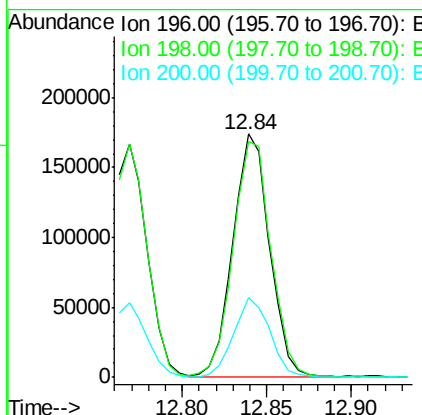
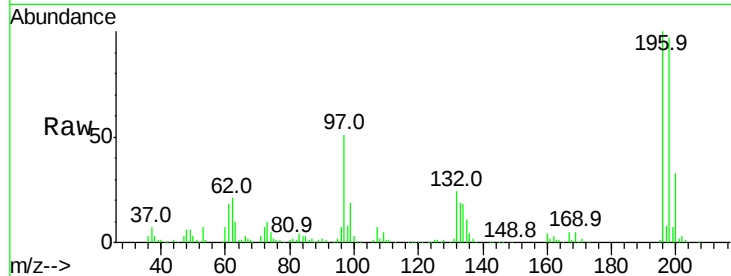




#39
 2,4,5-Trichlorophenol
 Concen: 19.662 ng/ul
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

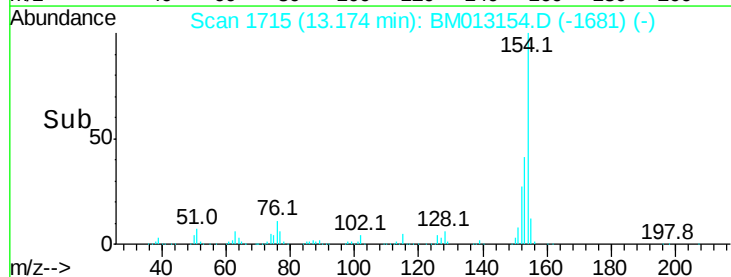
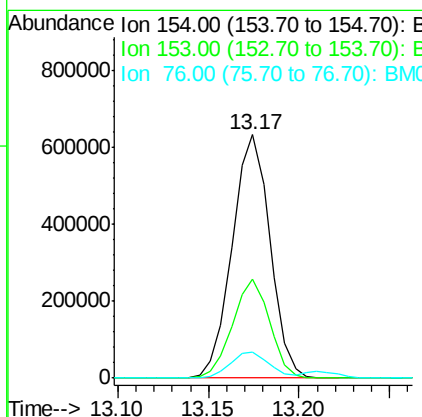
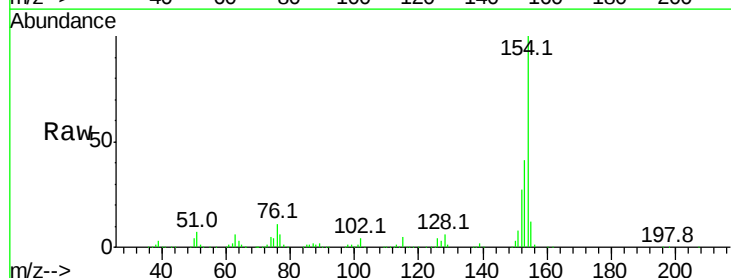
Instrument :
 BNA_M
 ClientSampled :

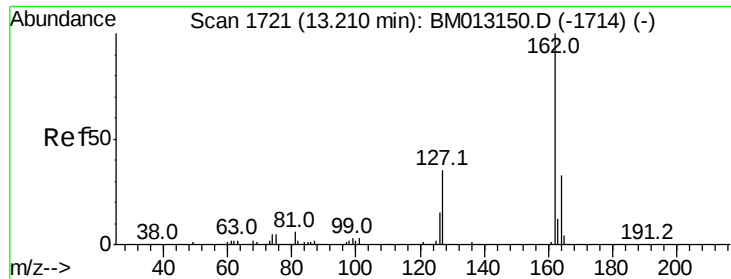
Tot Ion:196 Resp: 262684
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.6 113.4
 200 32.7 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.435 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

Tgt Ion:154 Resp: 918359
 Ion Ratio Lower Upper
 154 100
 153 40.6 32.6 48.8
 76 10.7 8.5 12.7

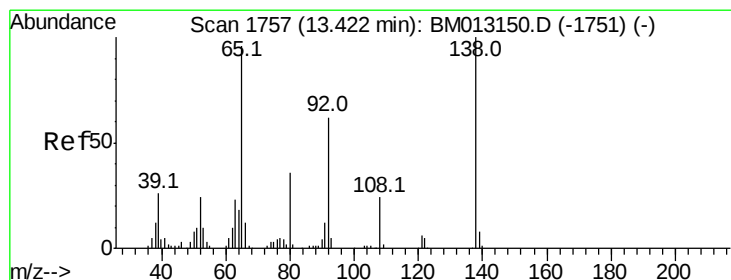
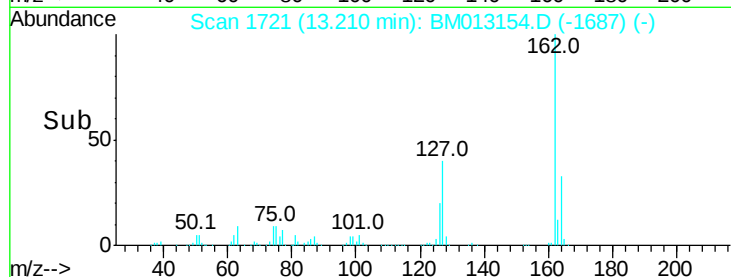
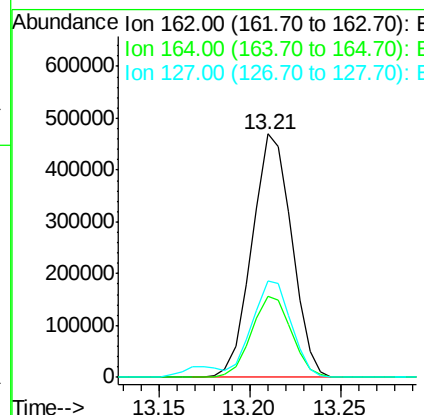
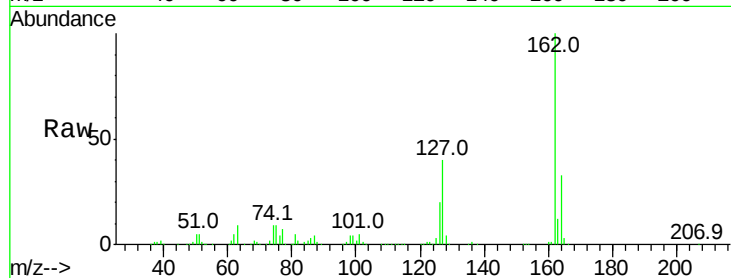




#41
 2-Chloronaphthalene
 Concen: 19.389 ng/ul
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

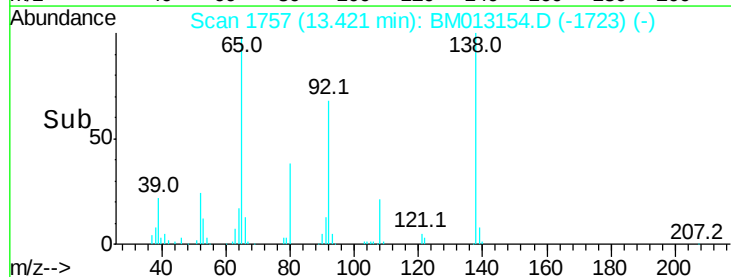
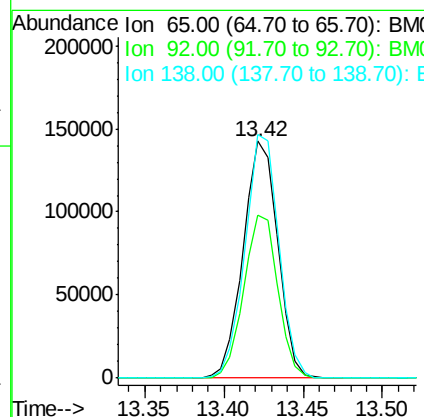
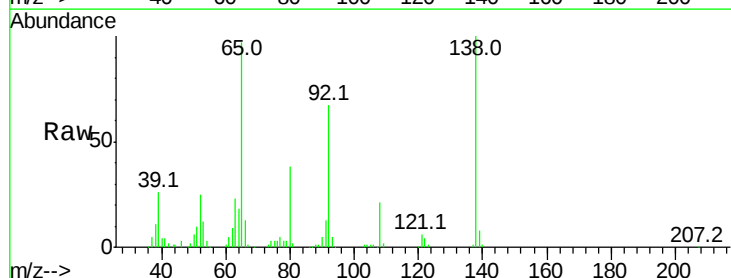
Instrument :
 BNA_M
 ClientSampleId :

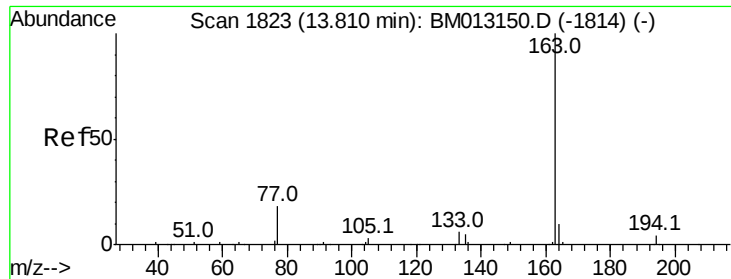
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.9	38.9
127	39.5	29.4	44.2



#42
 2-Nitroaniline
 Concen: 19.929 ng/ul
 RT: 13.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	51.8	77.6
138	102.7	74.2	111.4

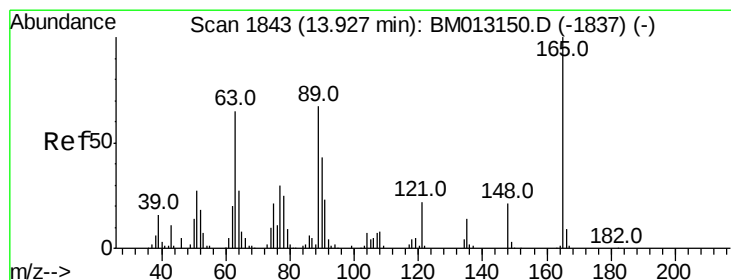
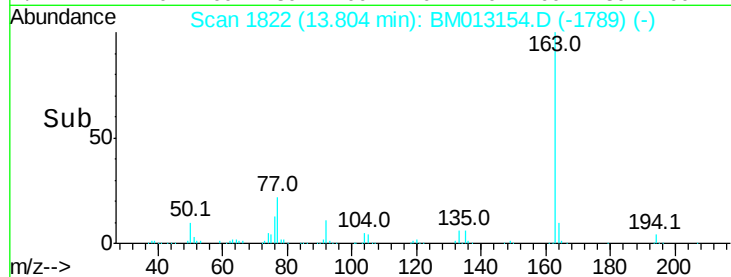
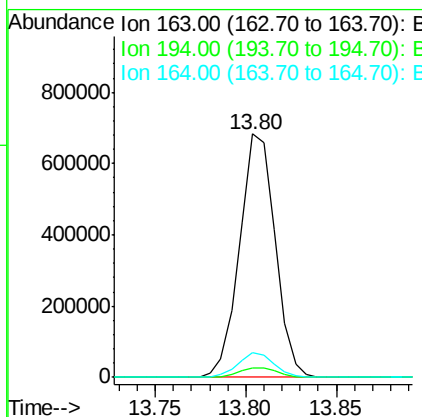
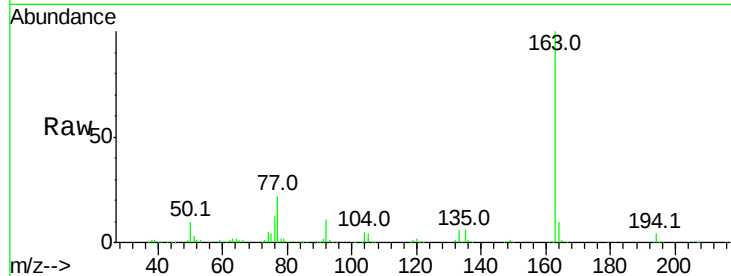




#44
Dimethylphthalate
Concen: 19.589 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

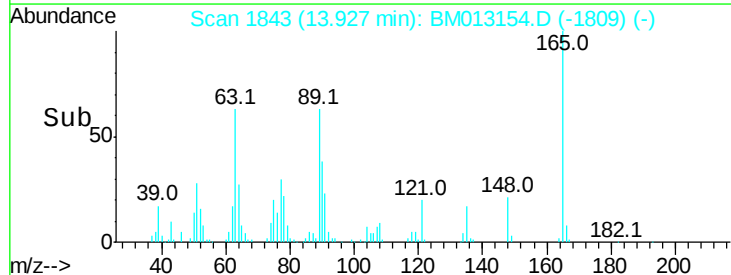
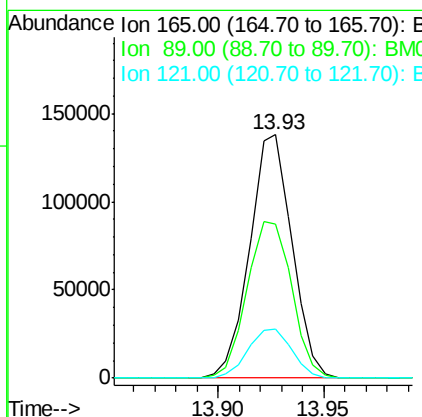
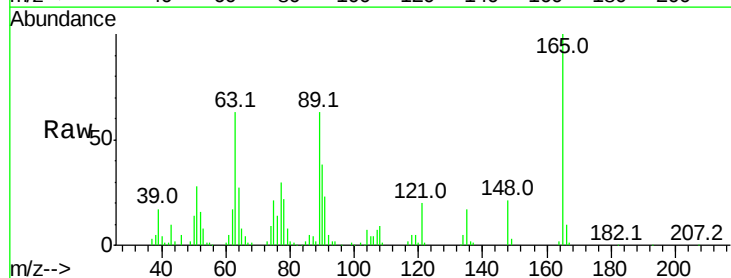
Instrument :
BNA_M
ClientSampleId :

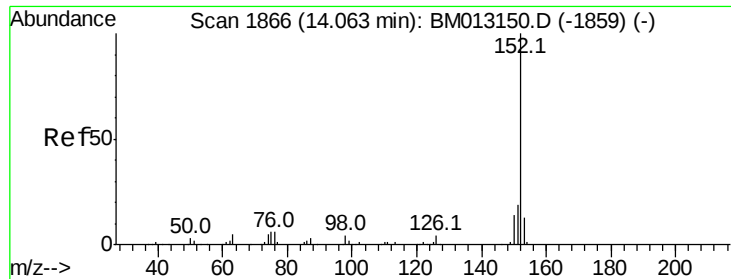
Tot Ion:163 Resp: 932153
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.4 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 19.862 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion:165 Resp: 192762
Ion Ratio Lower Upper
165 100
89 63.2 52.6 79.0
121 20.4 14.6 22.0





#47

Acenaphthylene

Concen: 19.789 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

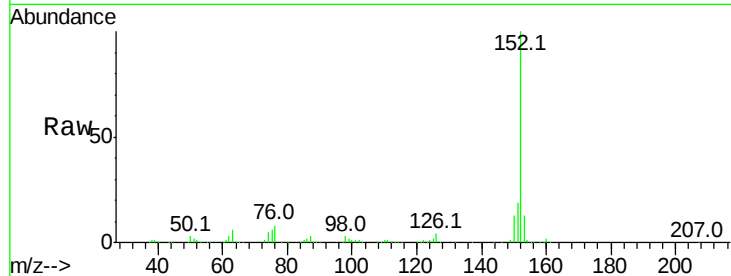
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1124329

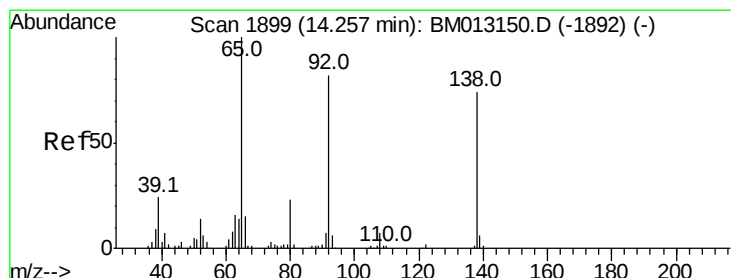
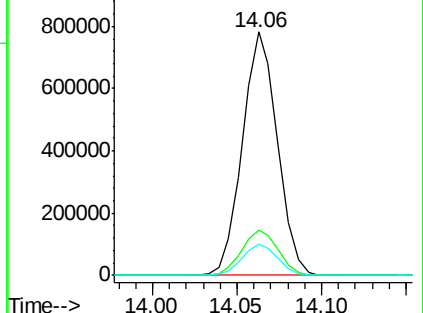
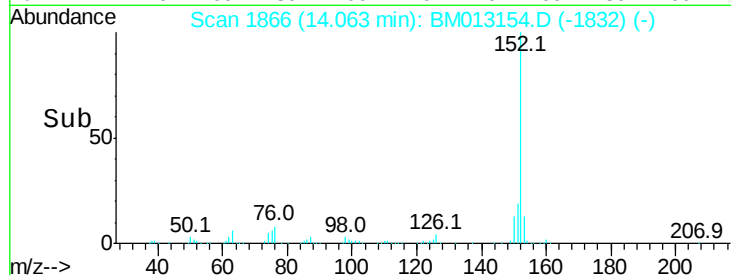
Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	12.8	10.2	15.4



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: 21.000 ng/ul

RT: 14.26 min Scan# 1899

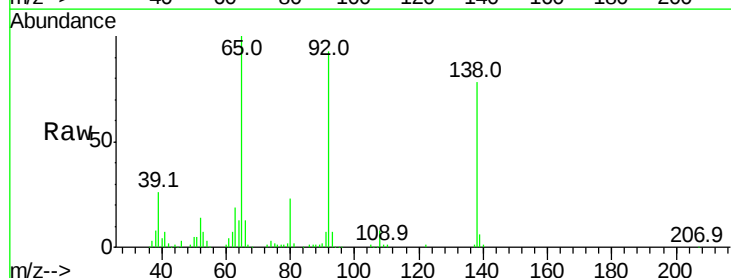
Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:138 Resp: 182169

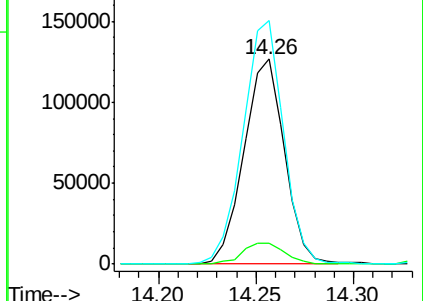
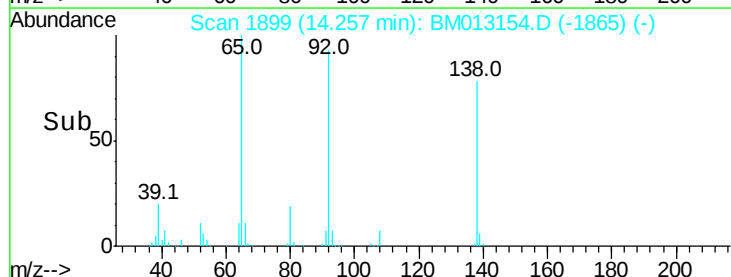
Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.9	14.9
92	118.7	105.0	157.4

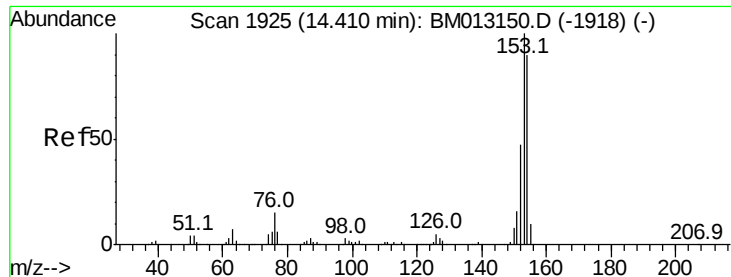


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.427 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

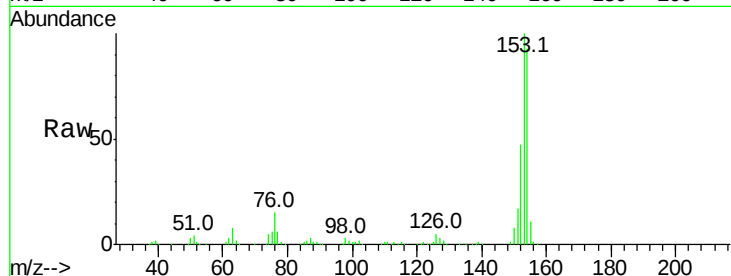
Tot Ion:153 Resp: 751912

Ion Ratio Lower Upper

153 100

152 47.0 37.6 56.4

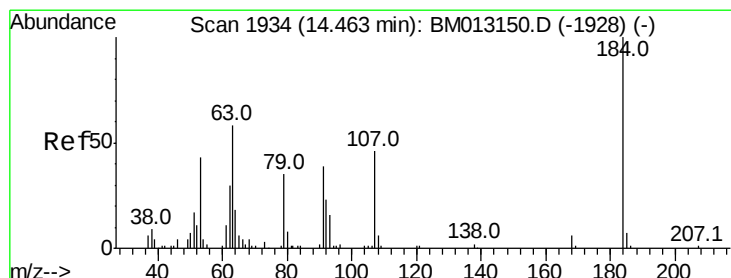
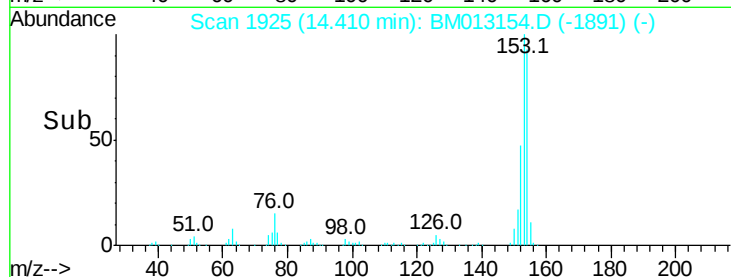
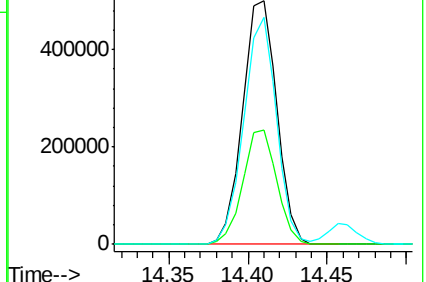
154 93.4 70.4 105.6



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: 17.486 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

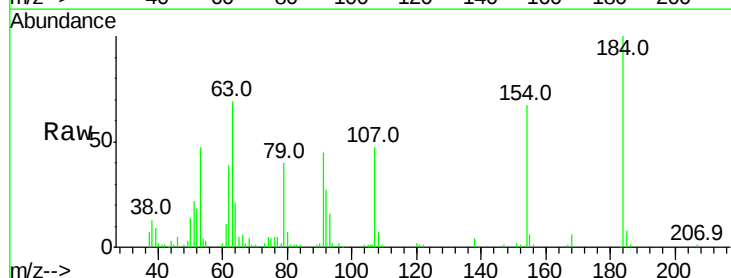
Tgt Ion:184 Resp: 93914

Ion Ratio Lower Upper

184 100

63 68.8 50.1 75.1

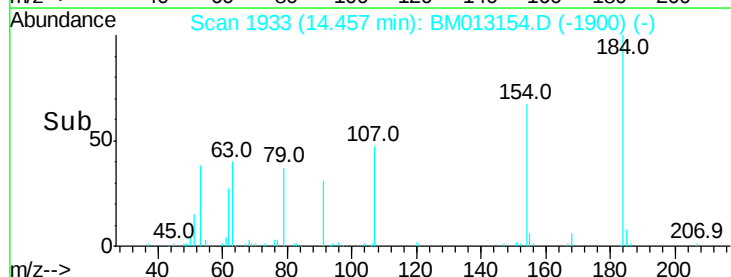
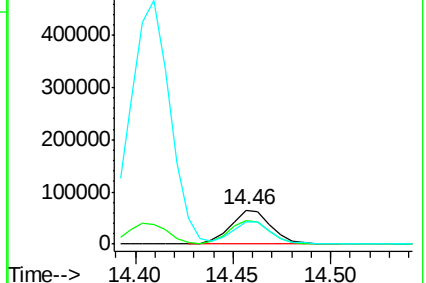
154 66.7 54.5 81.7

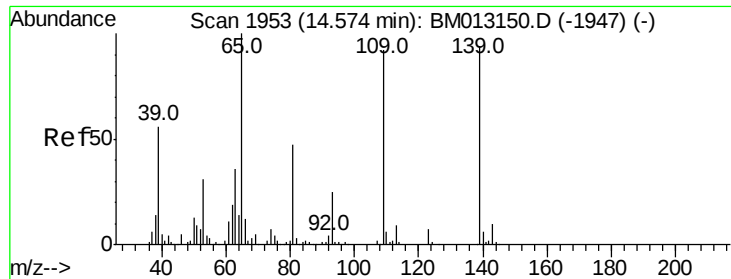


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.036 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

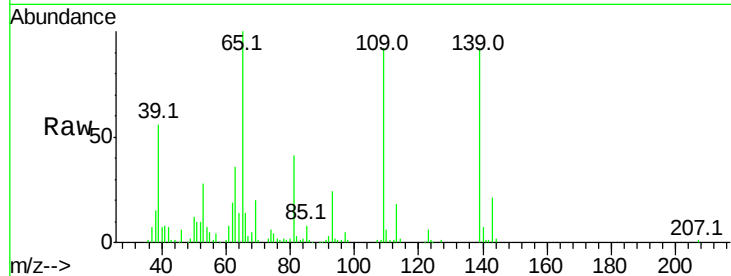
Tot Ion:109 Resp: 161427

Ion Ratio Lower Upper

109 100

139 99.3 80.0 120.0

65 108.4 120.0 180.0#



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

14.57

150000

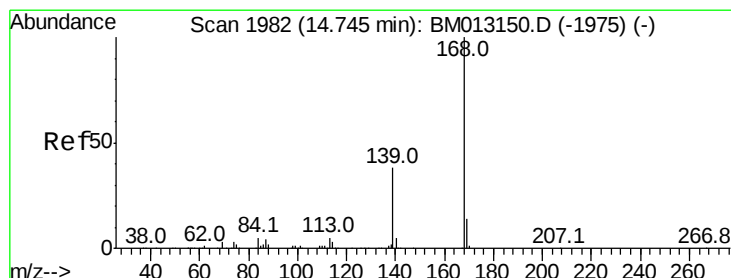
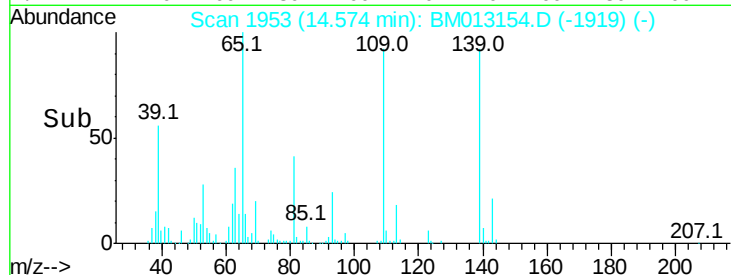
100000

50000

0

14.55 14.60

Time-->



#53

Dibenzofuran

Concen: 19.257 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM013154.D

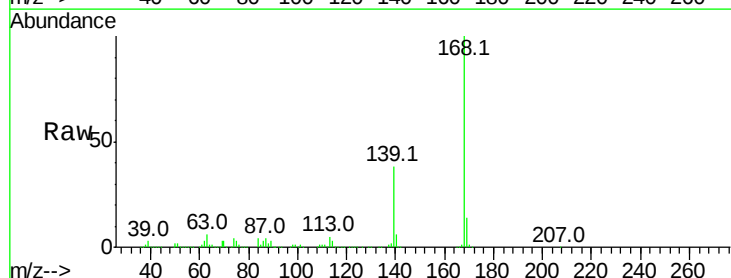
Acq: 30 Nov 2017 12:50

Tgt Ion:168 Resp: 1100316

Ion Ratio Lower Upper

168 100

139 38.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.74

800000

600000

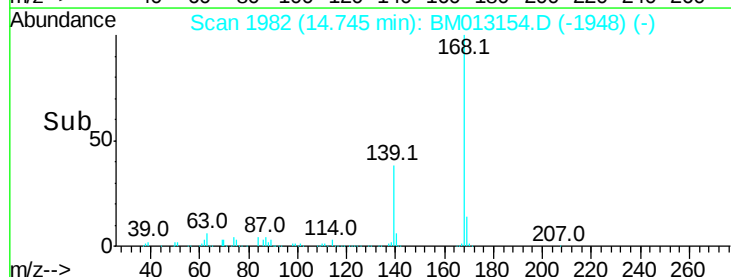
400000

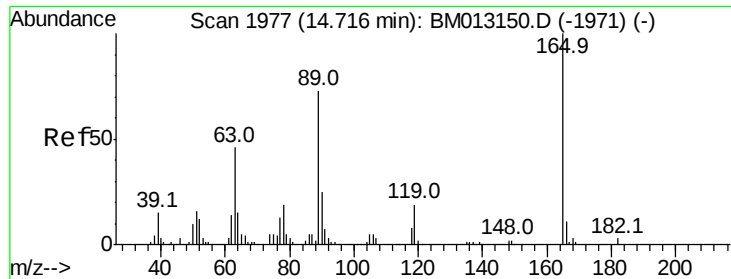
200000

0

14.70 14.75 14.80

Time-->





#54

2,4-Dinitrotoluene

Concen: 19.860 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

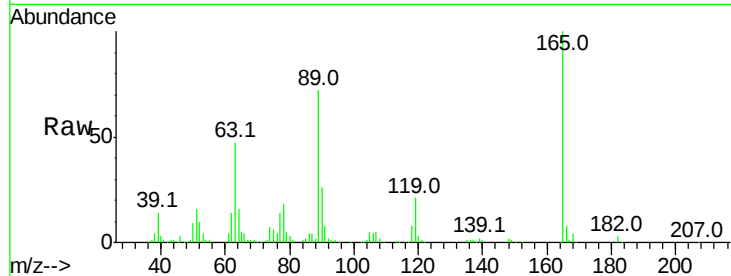
Tot Ion:165 Resp: 280381

Ion Ratio Lower Upper

165 100

63 46.9 45.8 68.8

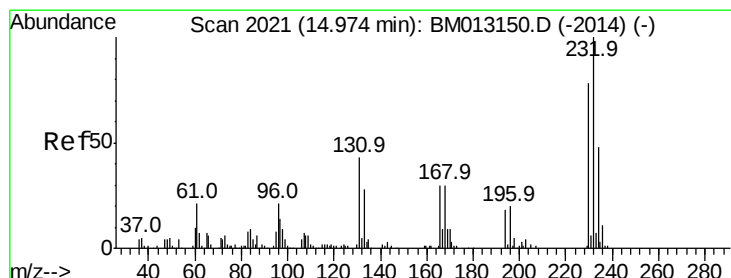
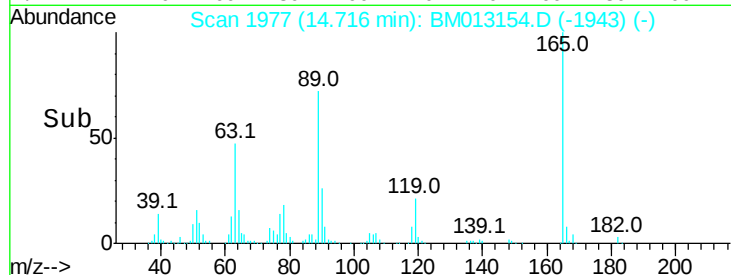
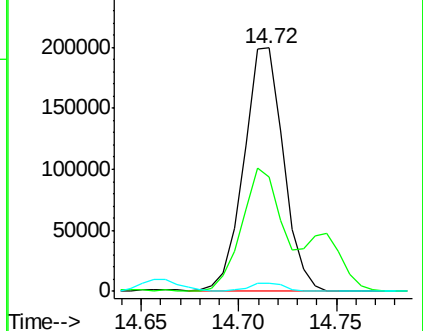
182 3.1 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.906 ng/ul

RT: 14.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:232 Resp: 243842

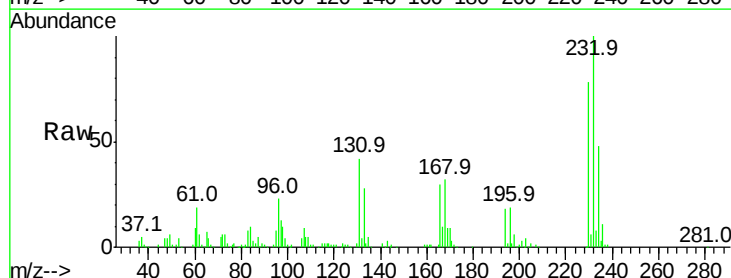
Ion Ratio Lower Upper

232 100

131 41.7 29.0 43.4

130 2.1 2.0 3.0

166 29.6 21.4 32.2

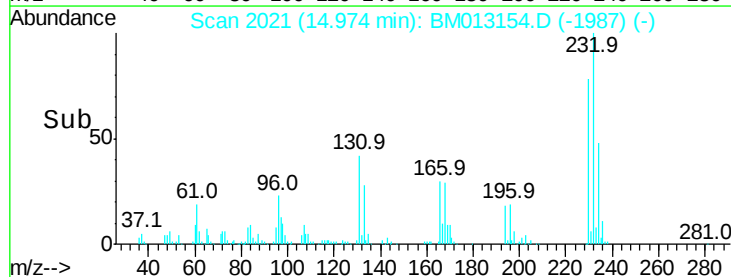
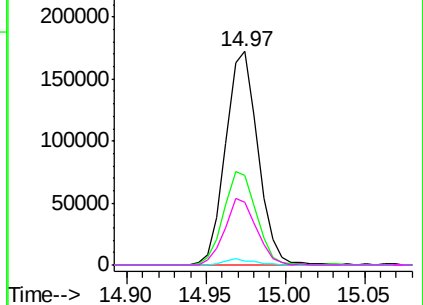


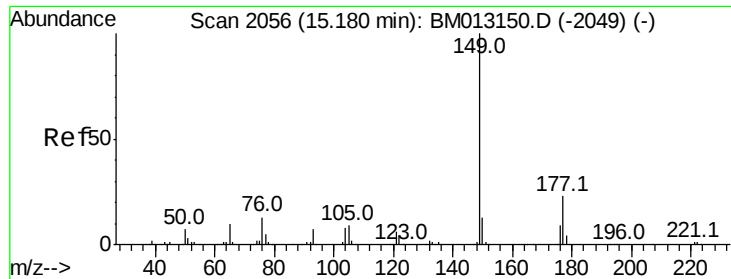
Abundance Ion 232.00 (231.70 to 232.70): E

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

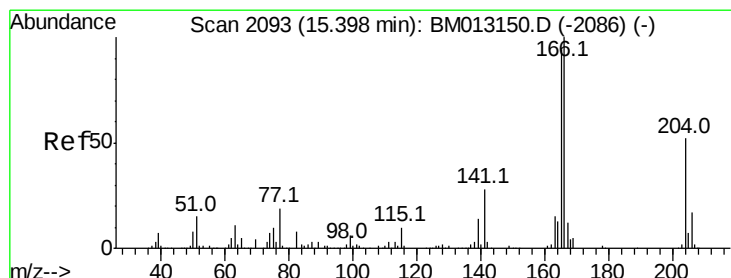
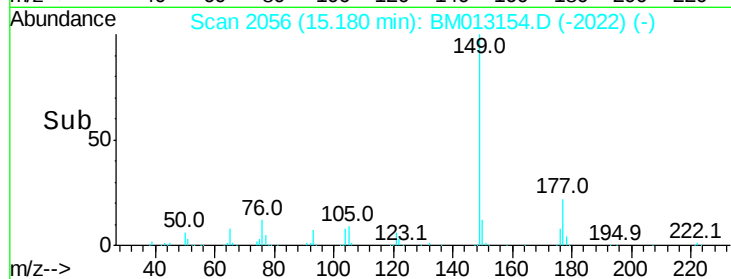
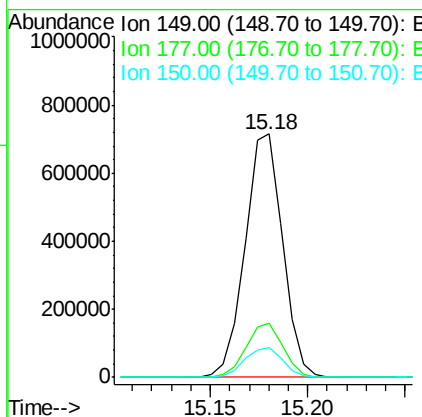
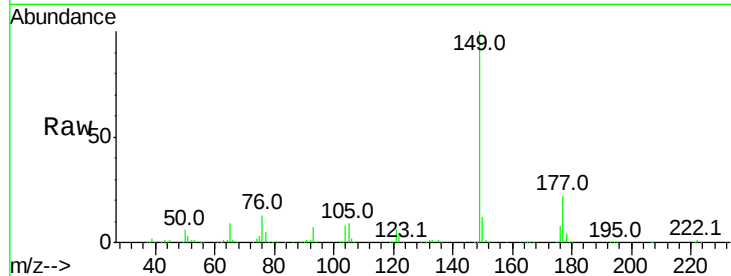




#56
Diethylphthalate
Concen: 19.976 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

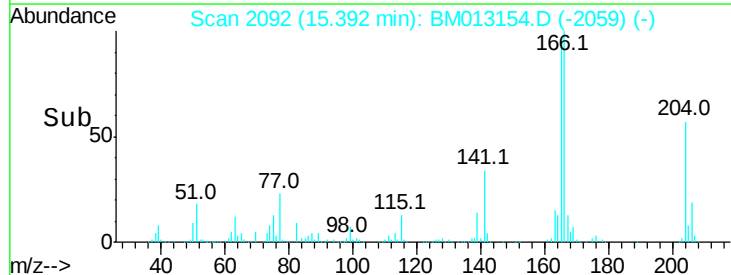
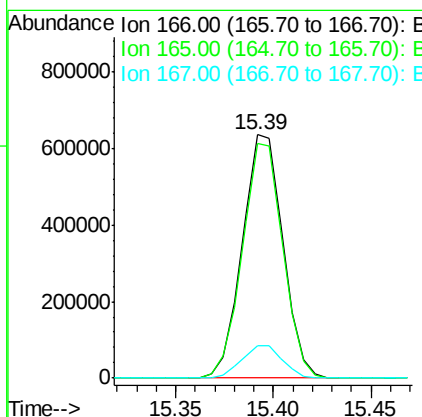
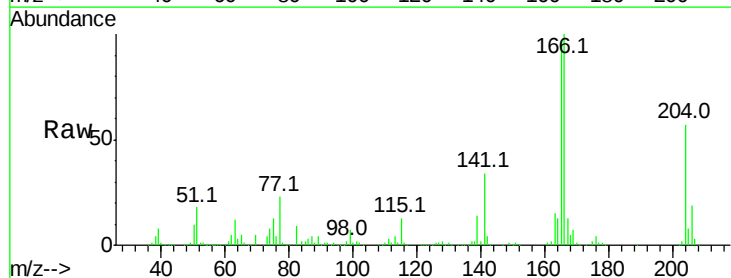
Instrument :
BNA_M
ClientSampled :

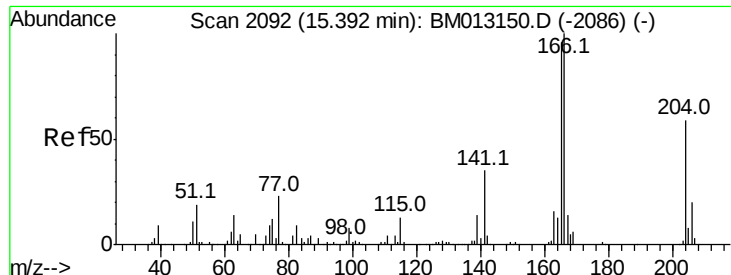
Tot Ion:149 Resp: 953377
Ion Ratio Lower Upper
149 100
177 22.2 20.5 30.7
150 12.4 10.6 15.8



#58
Fluorene
Concen: 19.334 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion:166 Resp: 913911
Ion Ratio Lower Upper
166 100
165 96.6 77.9 116.9
167 13.4 10.6 16.0

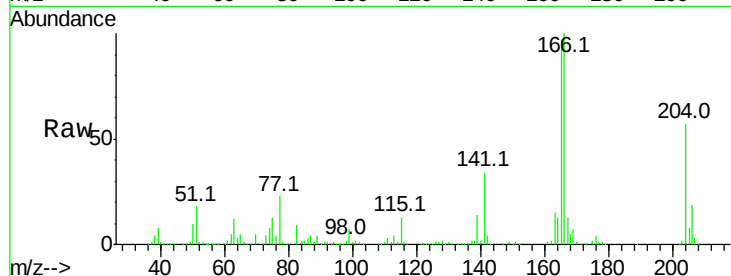




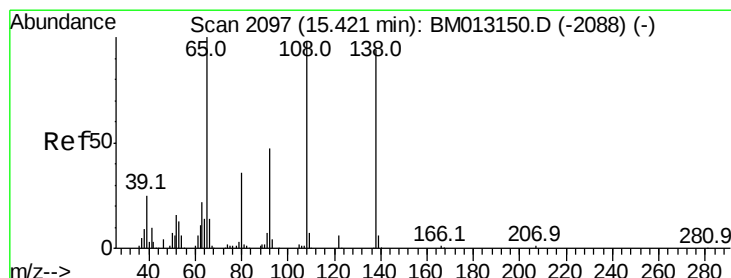
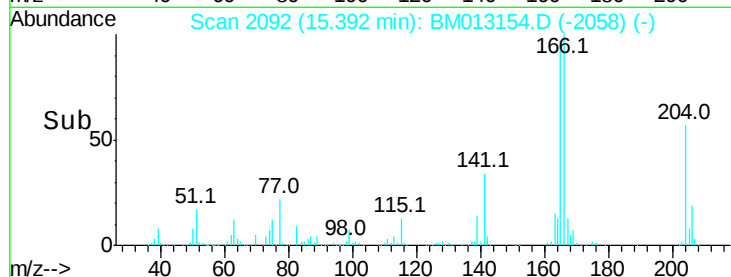
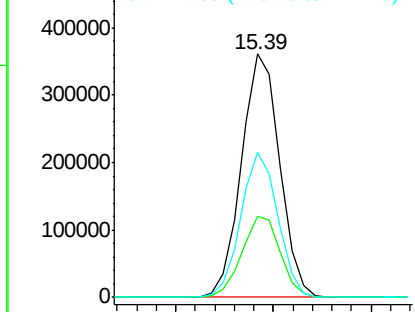
#59
4-Chlorophenyl-phenylether
Concen: 19.082 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 489549
Ion Ratio Lower Upper
204 100
206 33.4 24.8 37.2
141 59.4 44.3 66.5

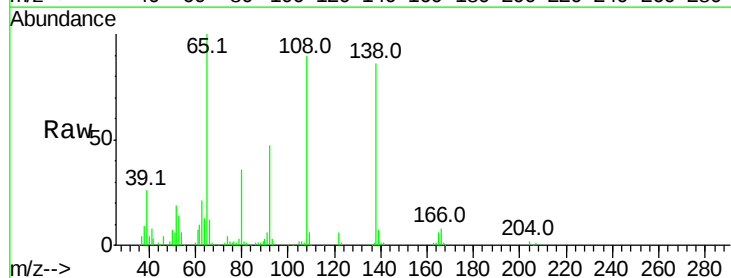


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

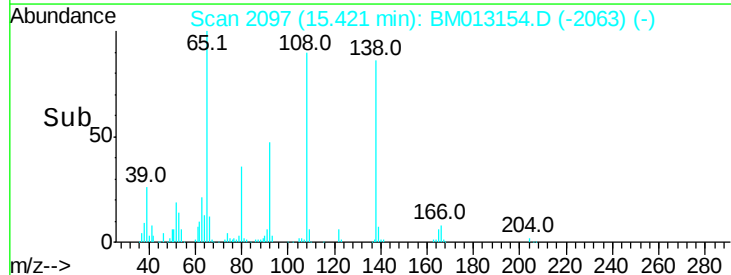
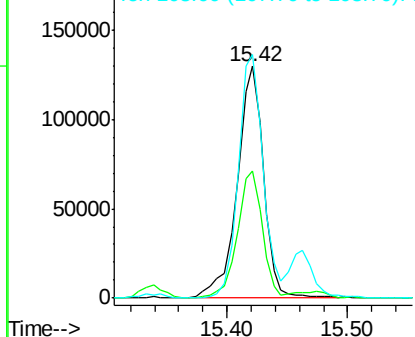


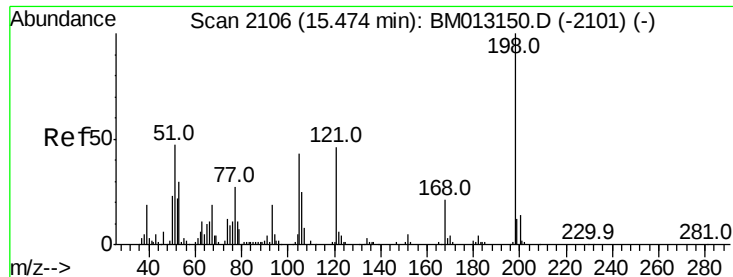
#60
4-Nitroaniline
Concen: 19.424 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion:138 Resp: 198804
Ion Ratio Lower Upper
138 100
92 54.7 40.0 60.0
108 105.1 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: 19.302 ng/ul

RT: 15.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

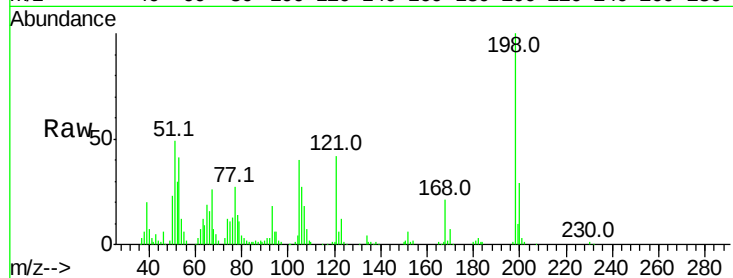
Tot Ion:198 Resp: 160487

Ion Ratio Lower Upper

198 100

182 3.1 3.8 5.6#

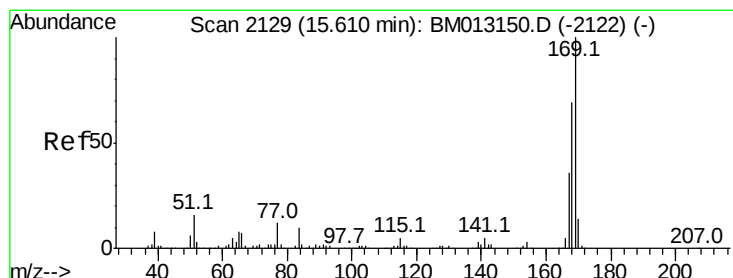
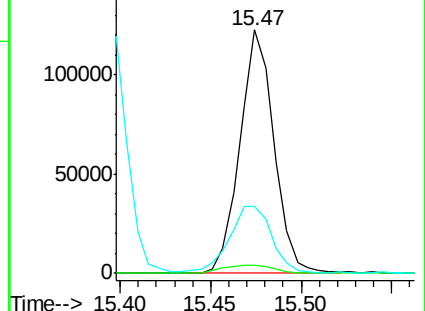
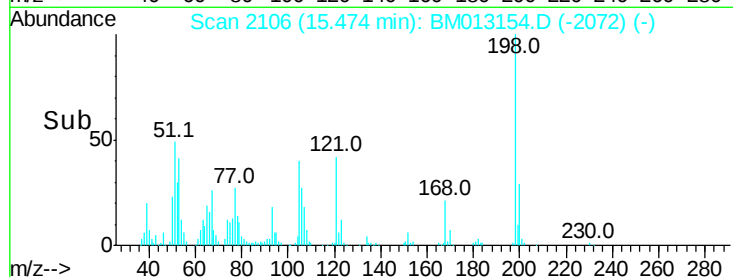
77 27.5 25.2 37.8



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): B



#64

N-Nitrosodiphenylamine

Concen: 20.226 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

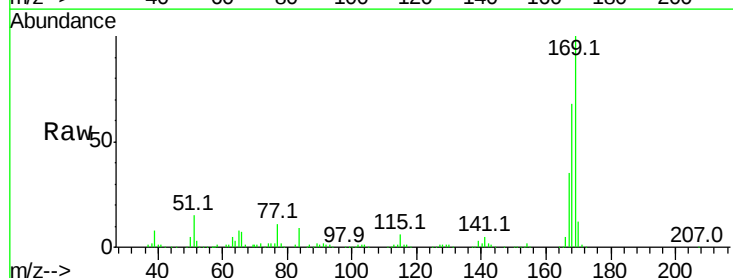
Tgt Ion:169 Resp: 788024

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

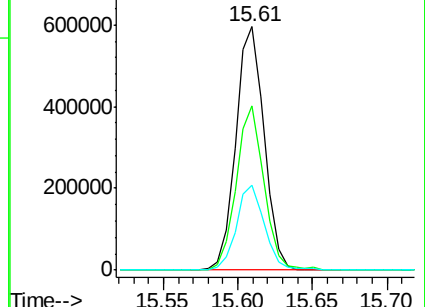
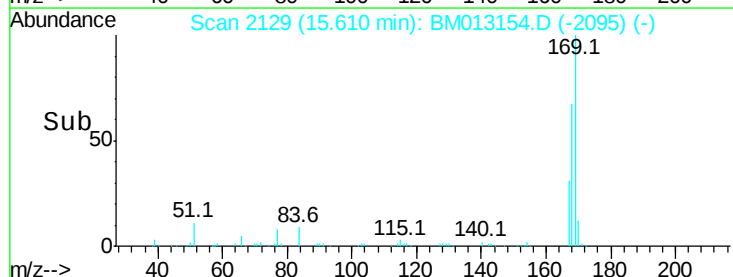
167 34.7 29.1 43.7

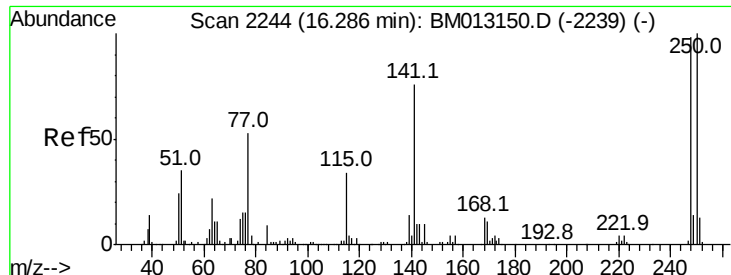


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

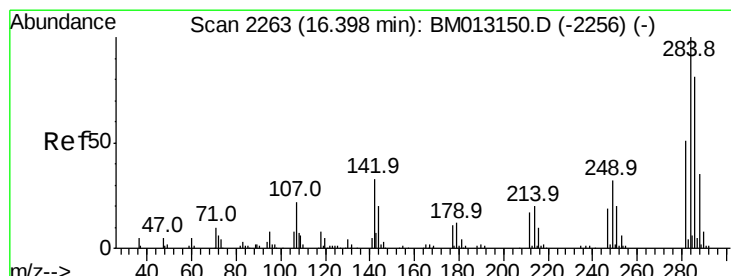
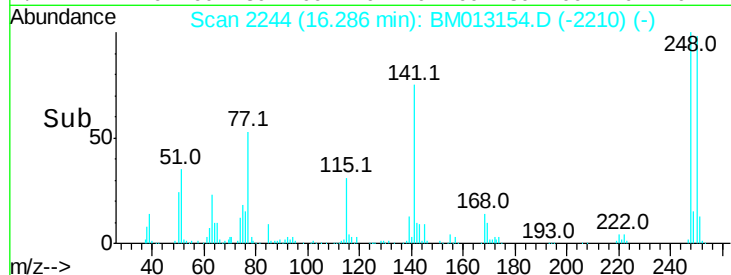
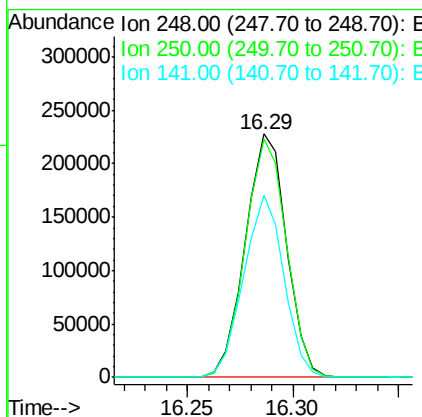
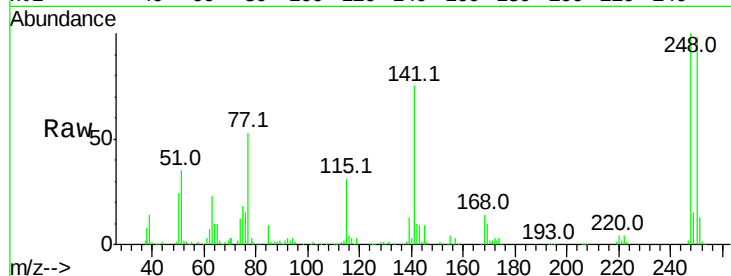




#65
 4-Bromophenyl-phenylether
 Concen: 19.875 ng/ul
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

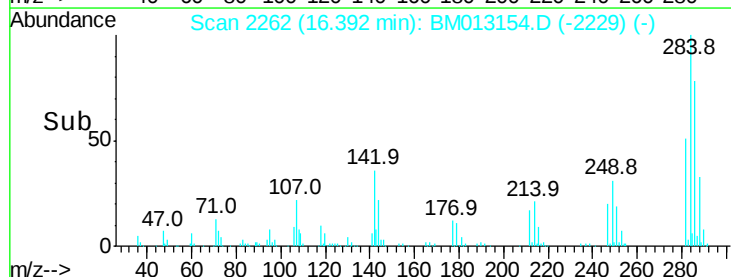
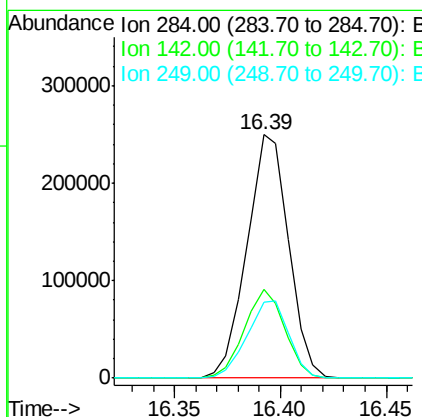
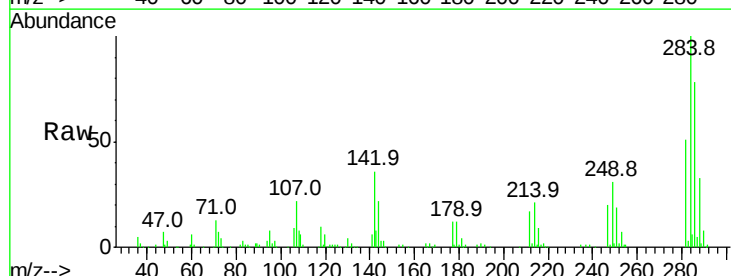
Instrument :
 BNA_M
 ClientSampleId :

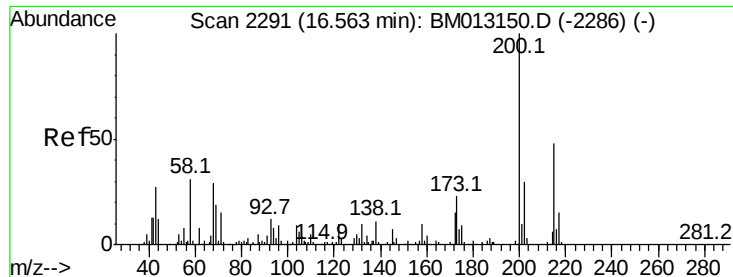
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	80.5	120.7
141	74.7	53.6	80.4



#66
 Hexachlorobenzene
 Concen: 20.067 ng/ul
 RT: 16.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BM013154.D
 Acq: 30 Nov 2017 12:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	21.2	31.8#
249	31.4	24.5	36.7

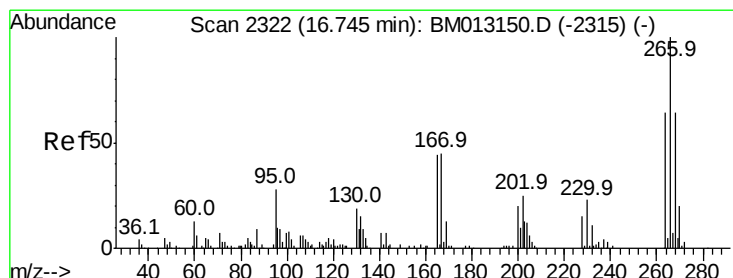
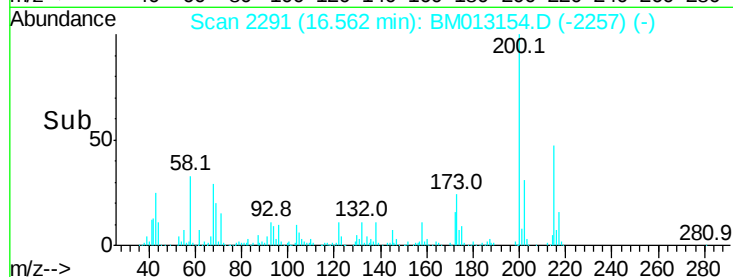
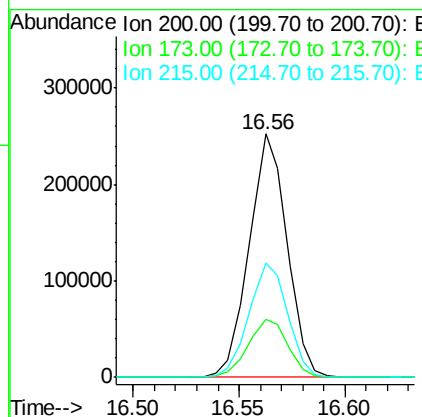
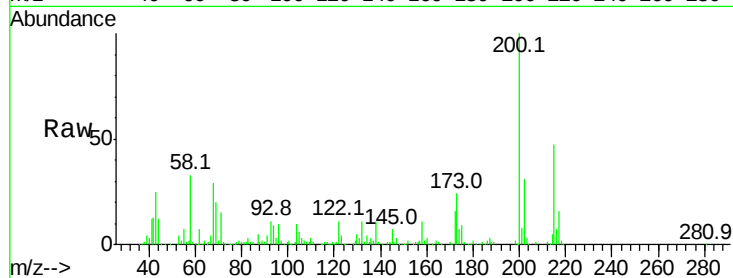




#67
Atrazine
Concen: 21.828 ng/ul
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

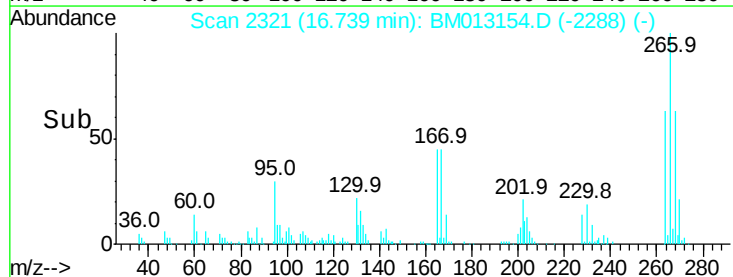
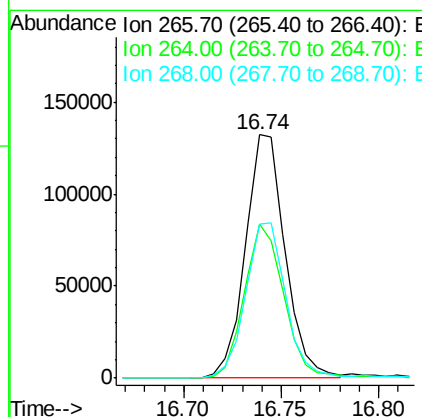
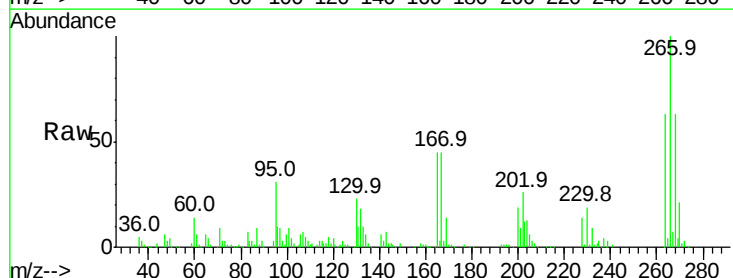
Instrument :
BNA_M
ClientSampleId :

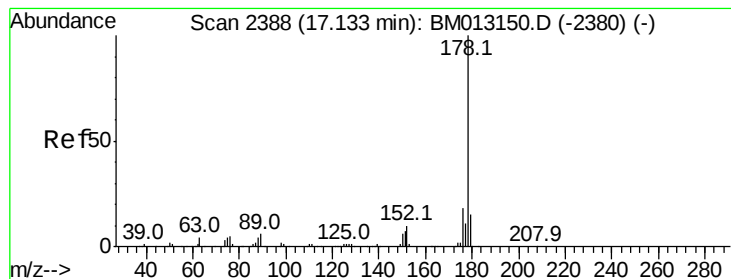
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	18.2	27.2
215	47.2	35.0	52.4



#68
Pentachlorophenol
Concen: 18.842 ng/ul
RT: 16.74 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM013154.D
Acq: 30 Nov 2017 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.3	73.9
268	63.2	52.6	78.8





#69

Phenanthrene

Concen: 19.795 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

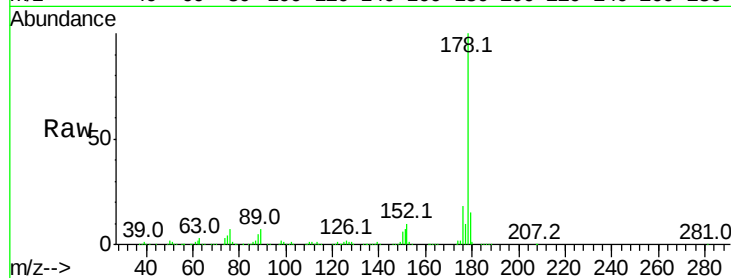
Tot Ion:178 Resp: 1487368

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

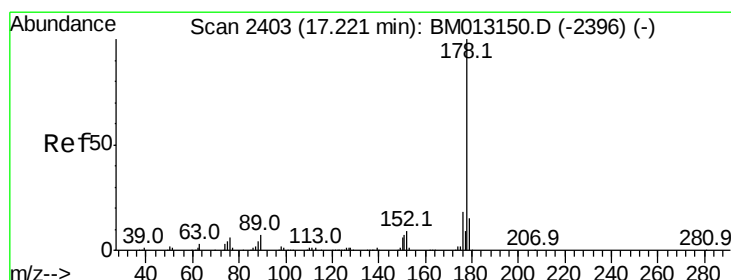
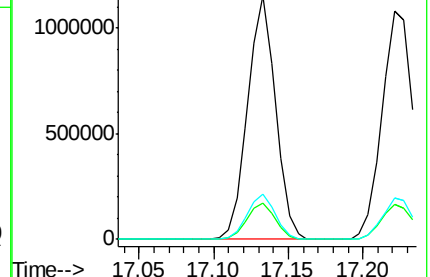
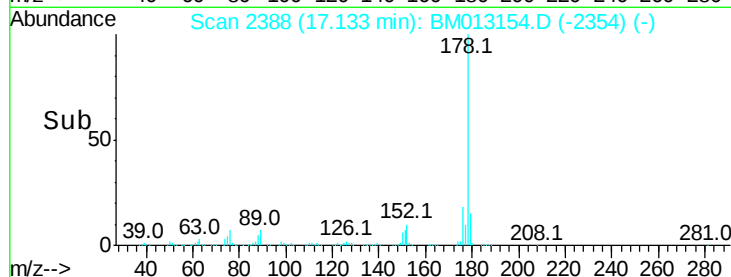
176 18.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.755 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

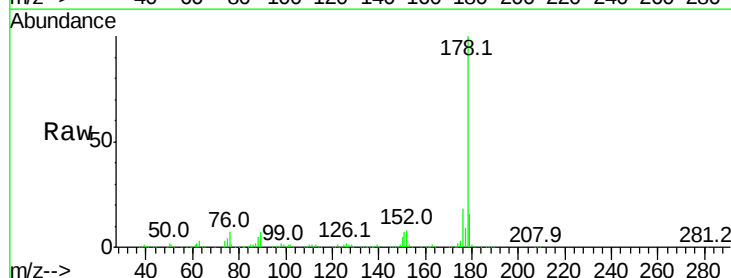
Tgt Ion:178 Resp: 1517285

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

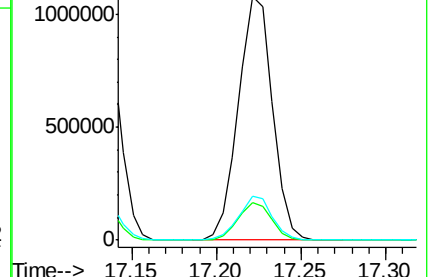
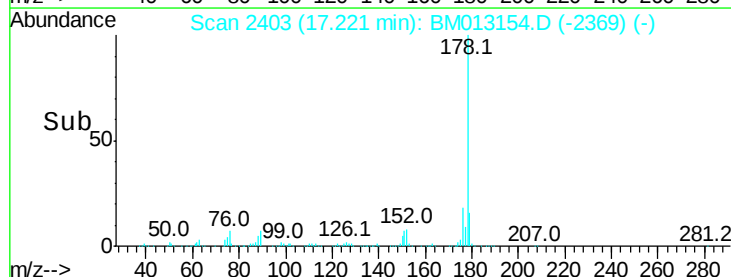
176 18.2 14.6 21.8

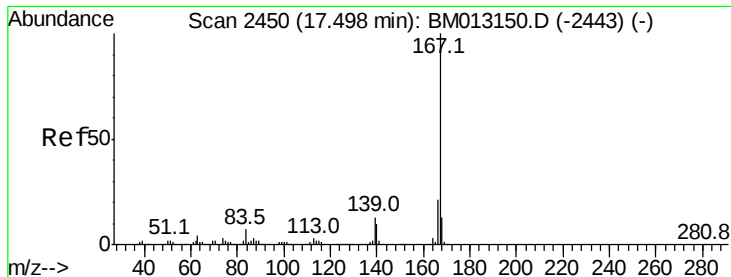


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.630 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

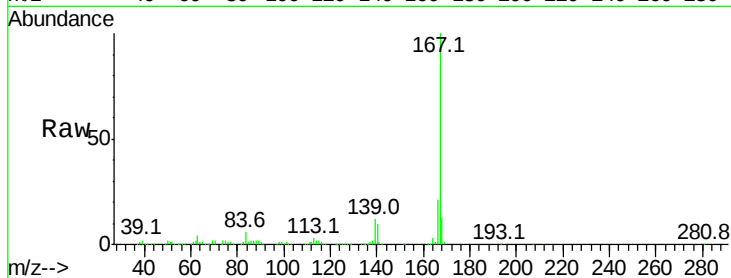
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1296821

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	12.4	10.0	15.0

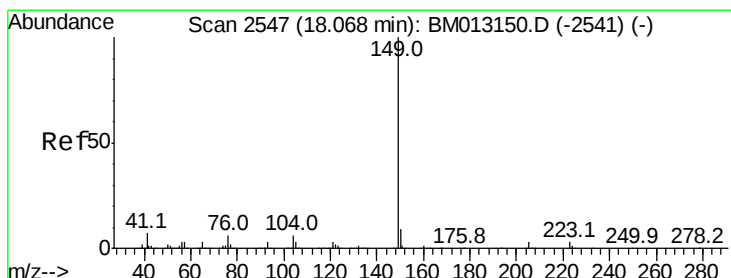
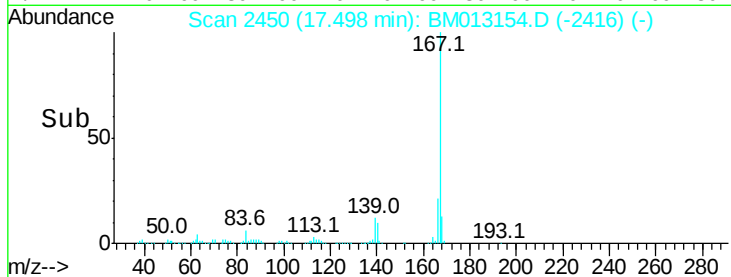
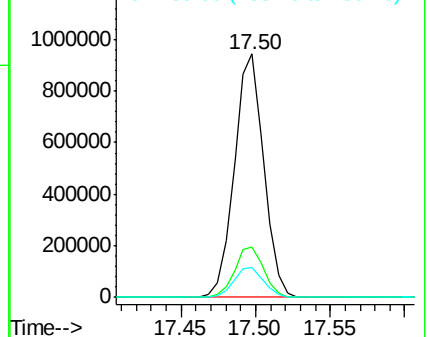


Abundance

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: 20.666 ng/ul

RT: 18.07 min Scan# 2547

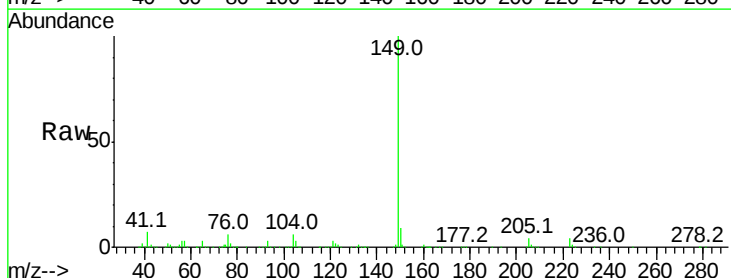
Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:149 Resp: 1593797

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	6.0	5.6	8.4

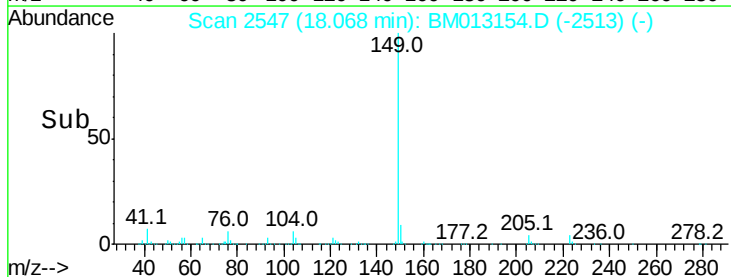
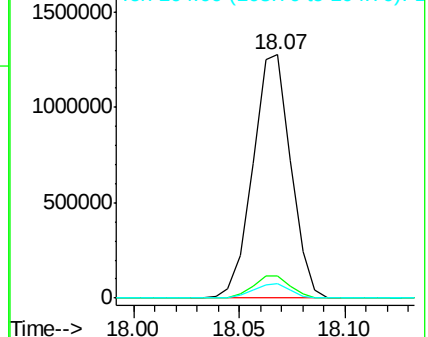


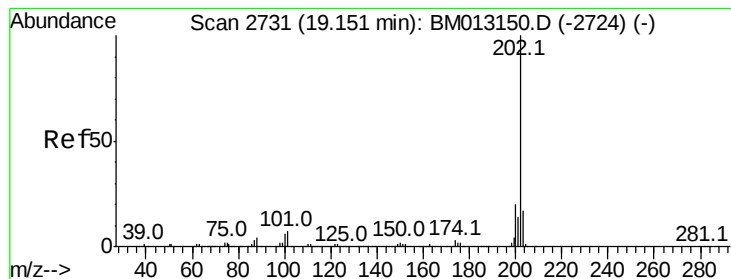
Abundance

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: 19.633 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

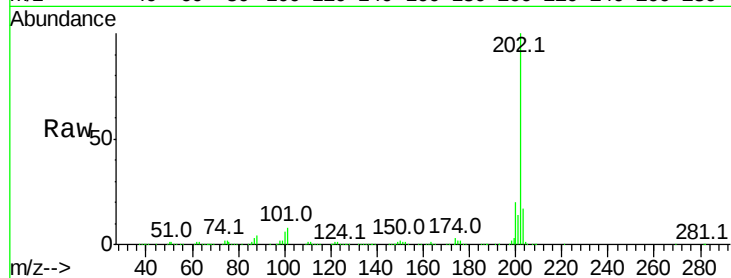
Tot Ion:202 Resp: 1807821

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

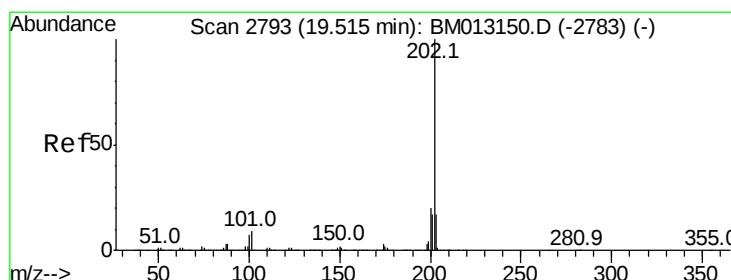
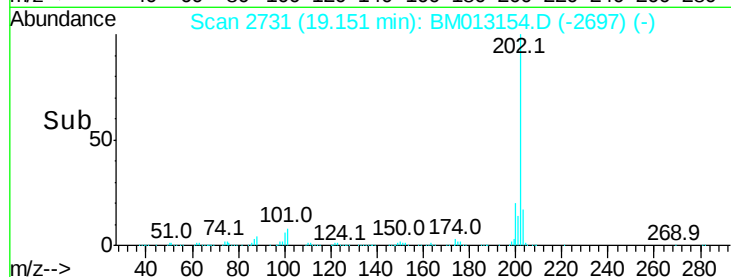
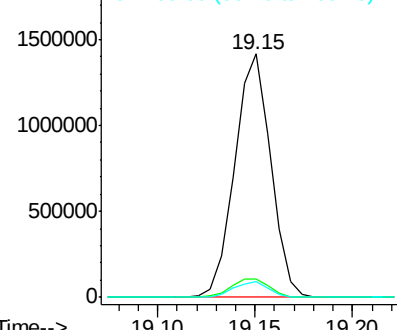
100 6.4 3.4 5.2#



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: 21.141 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

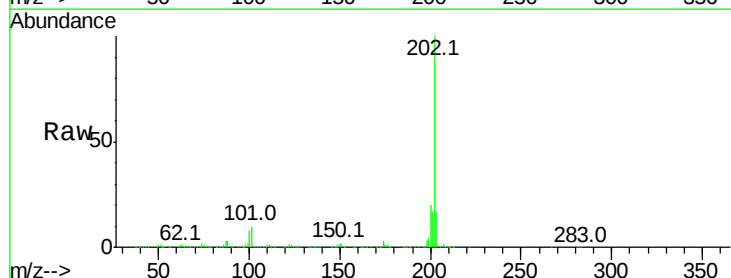
Tgt Ion:202 Resp: 1805973

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

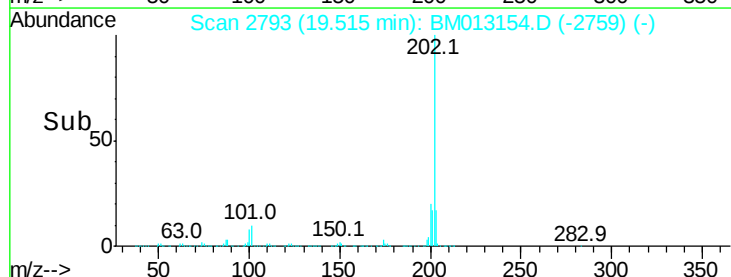
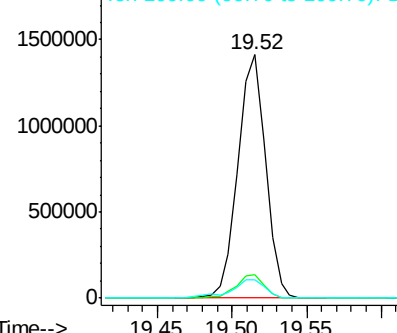
100 7.5 4.9 7.3#

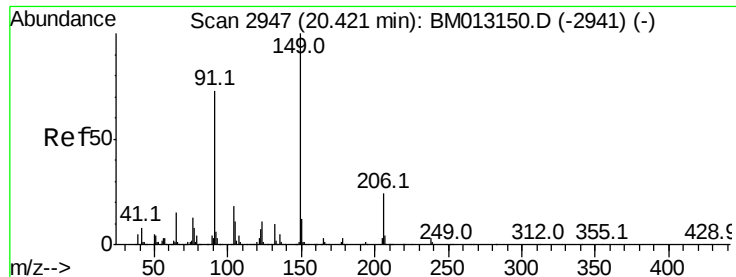


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 22.167 ng/ul

RT: 20.42 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

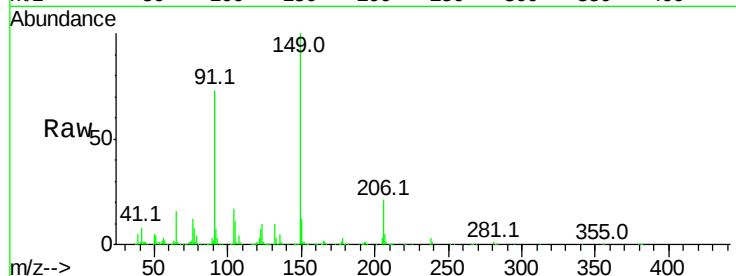
Tot Ion:149 Resp: 739859

Ion Ratio Lower Upper

149 100

91 72.7 62.7 94.1

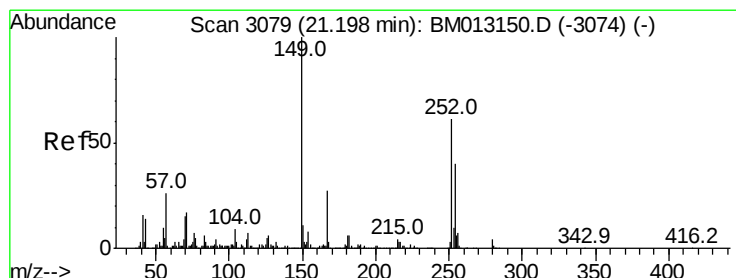
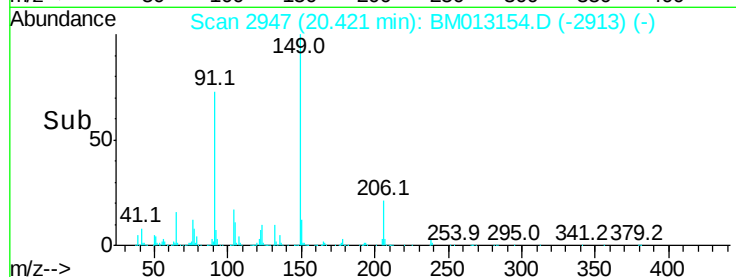
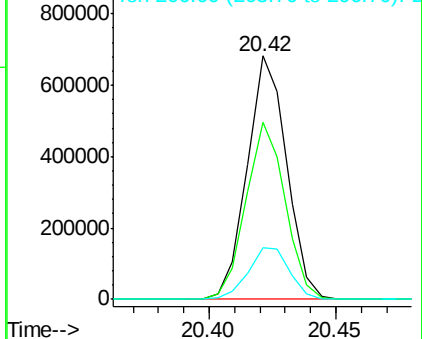
206 21.4 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 20.315 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

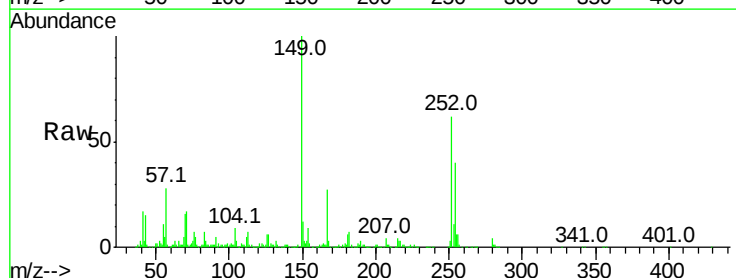
Tgt Ion:252 Resp: 600475

Ion Ratio Lower Upper

252 100

254 65.0 54.5 81.7

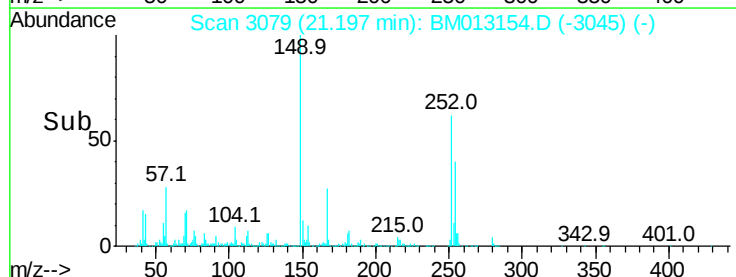
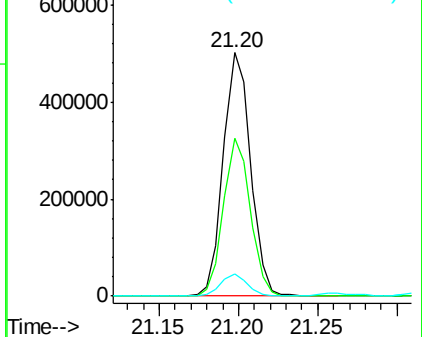
126 9.4 5.8 8.8#

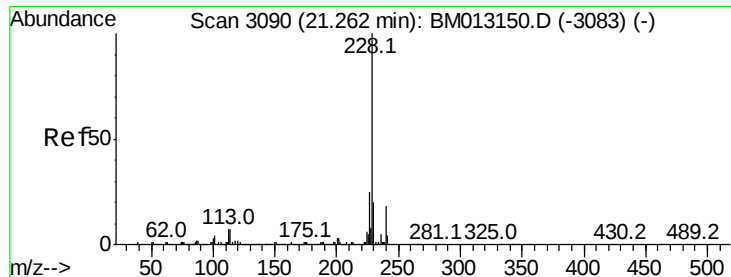


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.935 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

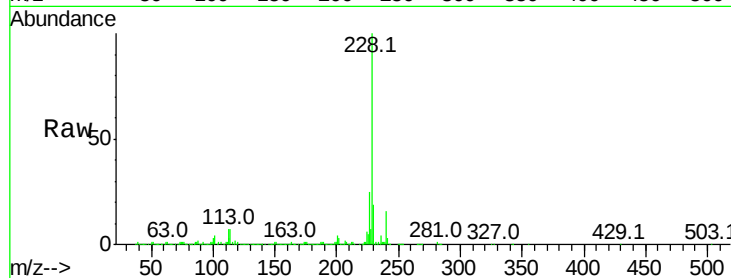
Tot Ion:228 Resp: 1778432

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

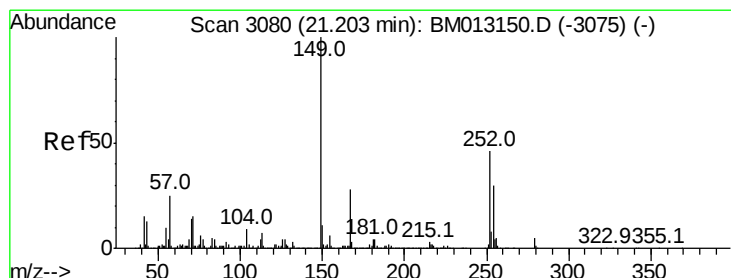
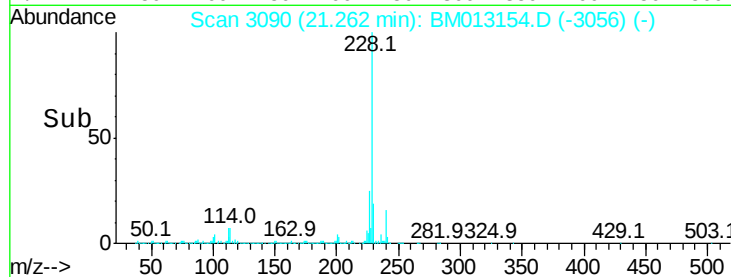
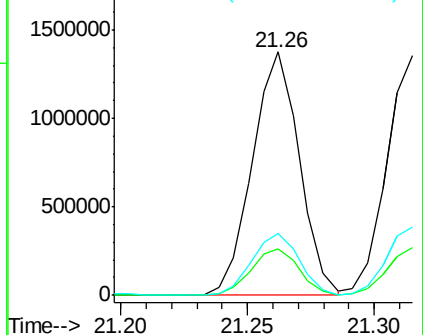
226 25.4 21.4 32.0



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: 21.240 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

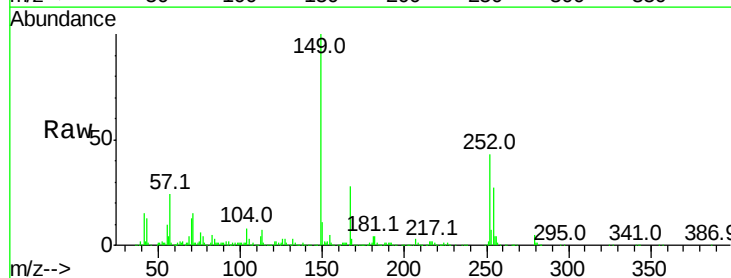
Tgt Ion:149 Resp: 1068556

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

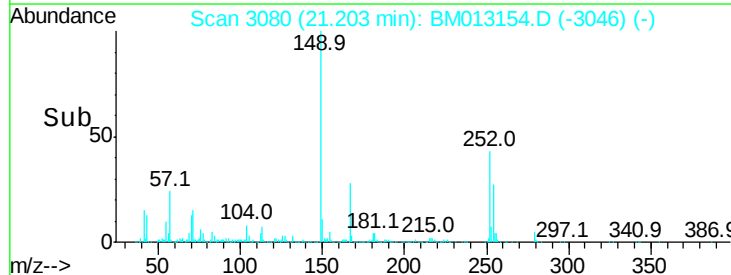
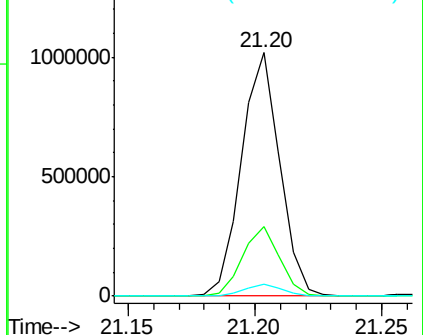
279 5.2 4.9 7.3

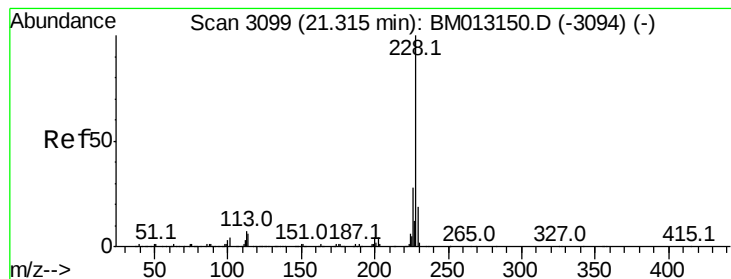


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.809 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

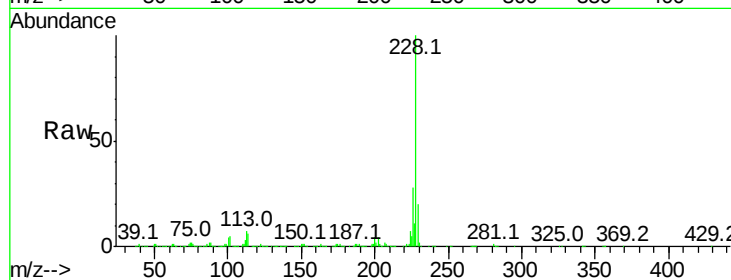
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1639480

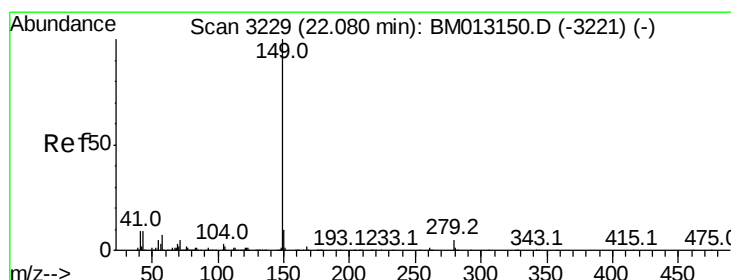
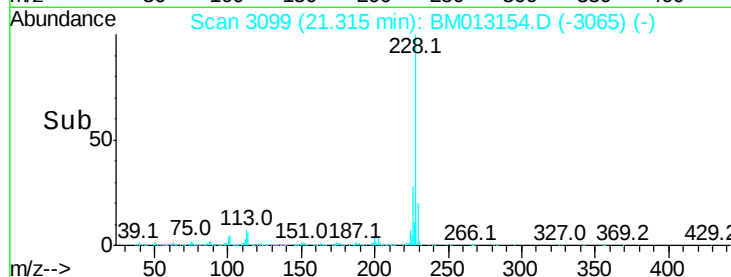
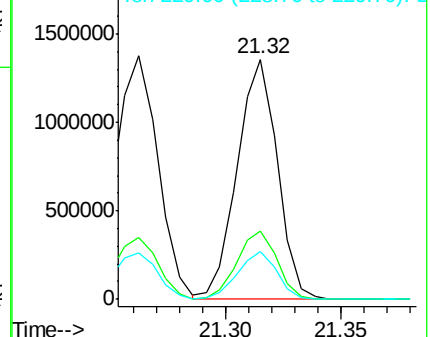
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.1	15.5	23.3



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: 21.087 ng/ul

RT: 22.08 min Scan# 3229

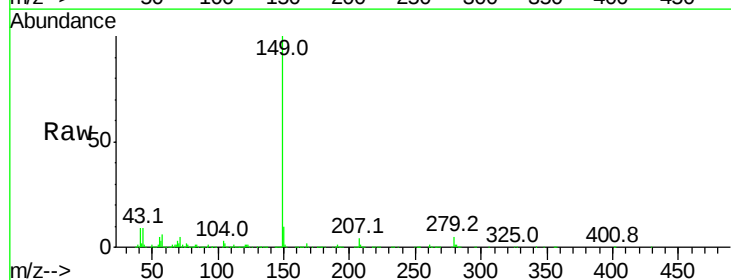
Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Tgt Ion:149 Resp: 1714423

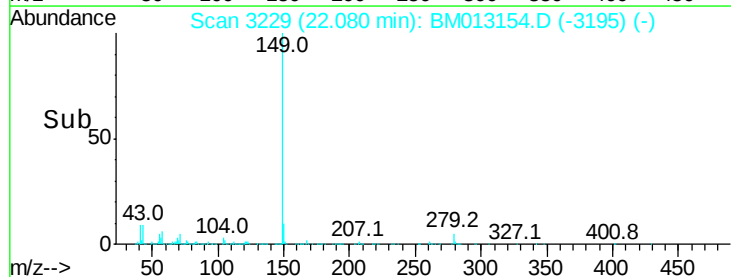
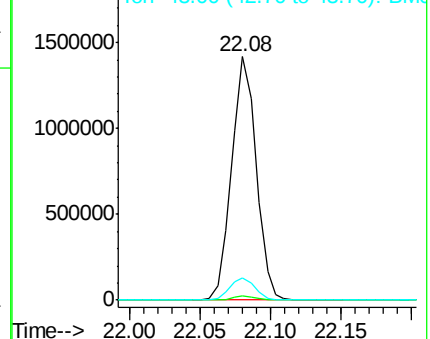
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.3	10.9

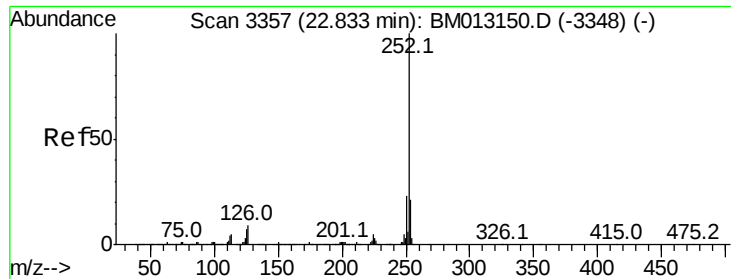


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 20.190 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

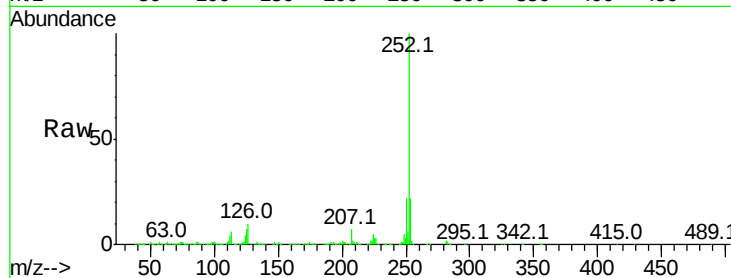
Tot Ion:252 Resp: 1556153

Ion Ratio Lower Upper

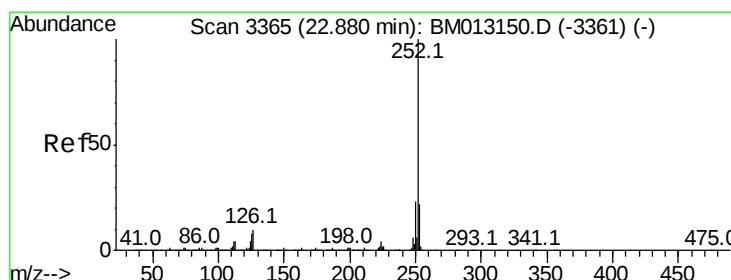
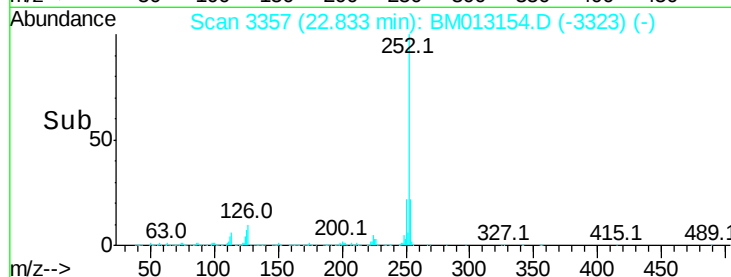
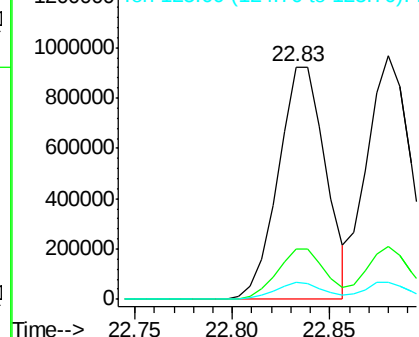
252 100

253 21.7 17.9 26.9

125 7.1 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: 20.897 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

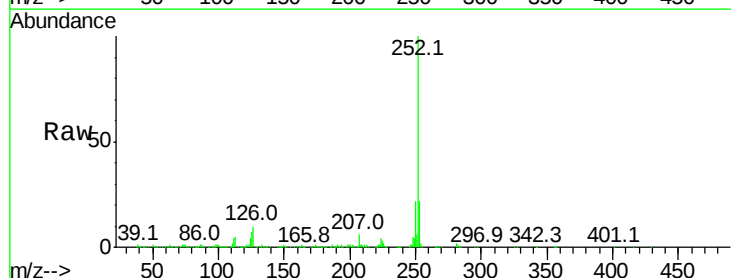
Tgt Ion:252 Resp: 1515683

Ion Ratio Lower Upper

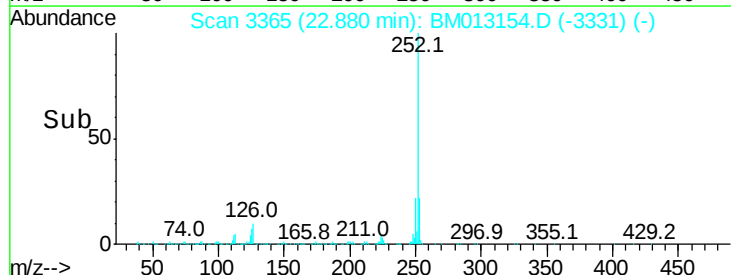
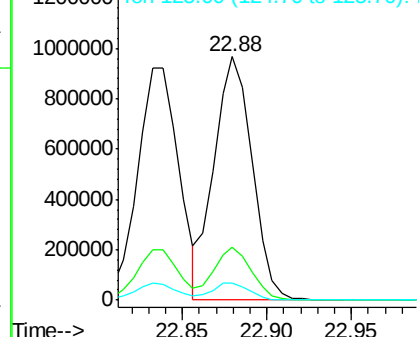
252 100

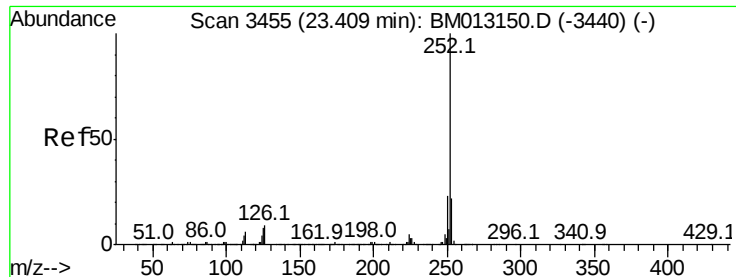
253 21.9 17.1 25.7

125 6.8 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: 20.129 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

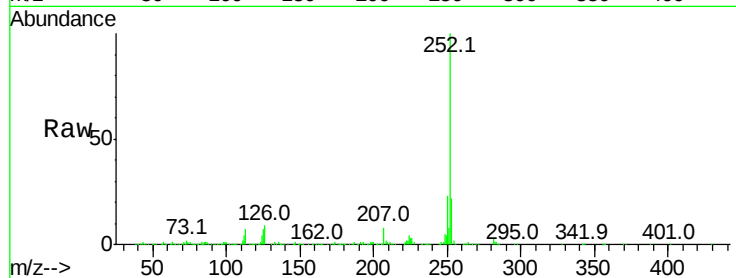
Tot Ion:252 Resp: 1393636

Ion Ratio Lower Upper

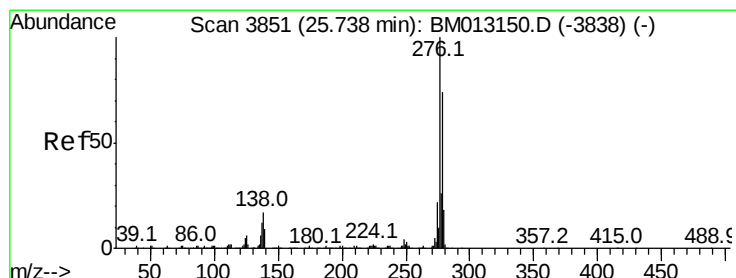
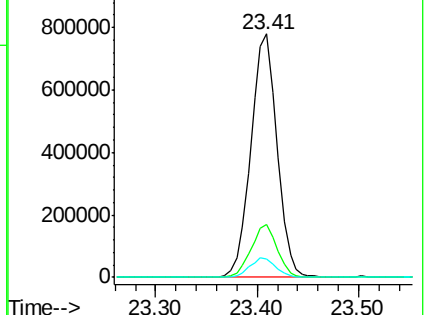
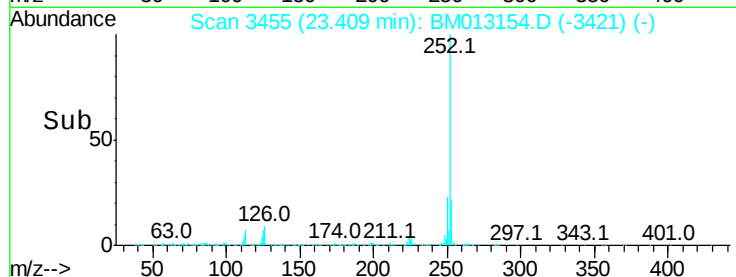
252 100

253 21.6 18.2 27.2

125 7.3 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.919 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

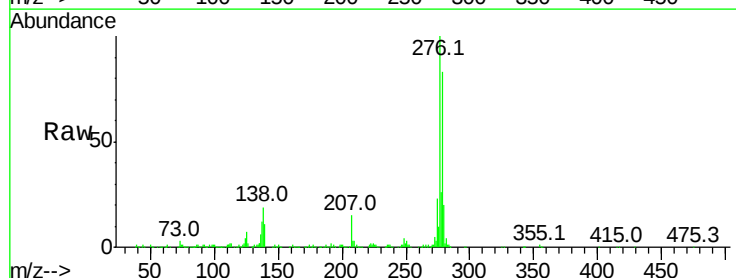
Tgt Ion:276 Resp: 1299704

Ion Ratio Lower Upper

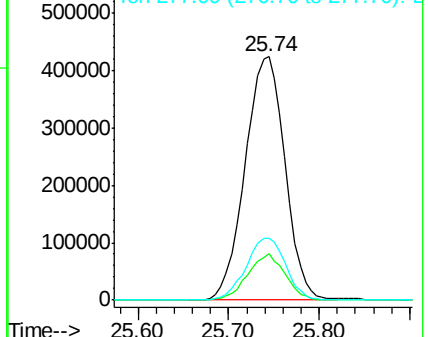
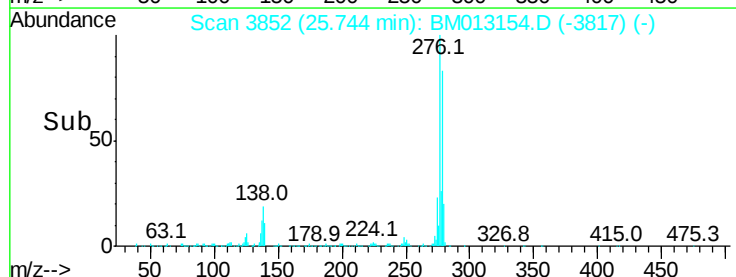
276 100

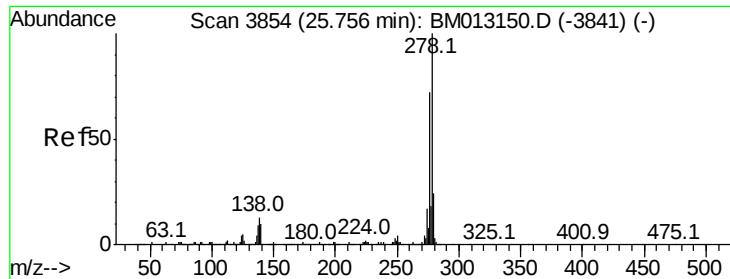
138 19.1 9.3 13.9#

277 25.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.007 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.00 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

Instrument :

BNA_M

ClientSampleId :

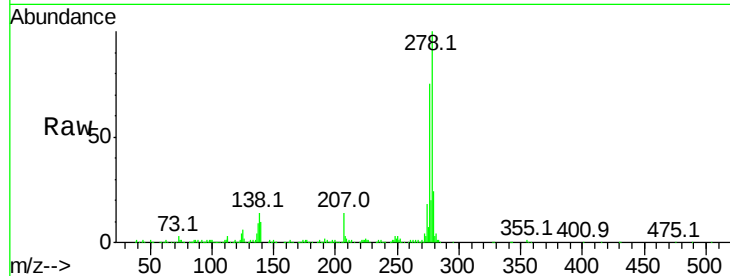
Tot Ion:278 Resp: 1111824

Ion Ratio Lower Upper

278 100

139 9.9 5.8 8.8#

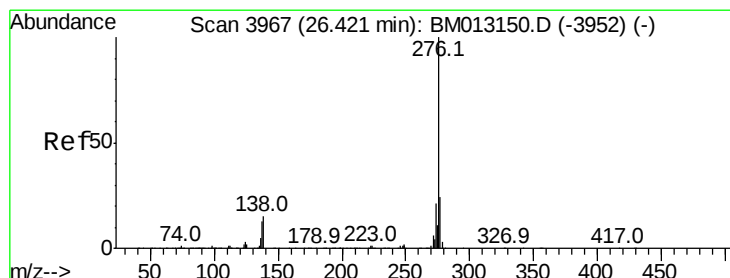
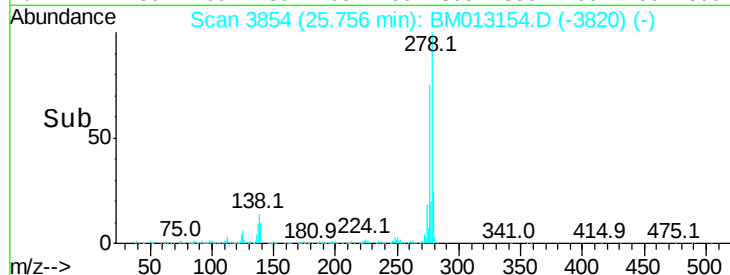
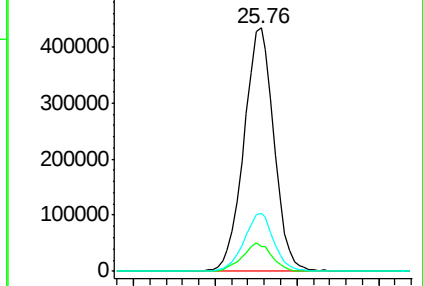
279 23.6 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 18.997 ng/ul

RT: 26.43 min Scan# 3968

Delta R.T. 0.01 min

Lab File: BM013154.D

Acq: 30 Nov 2017 12:50

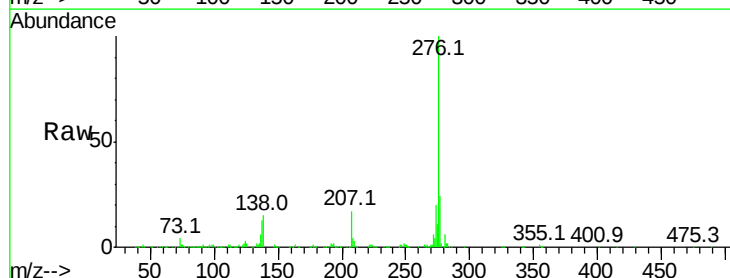
Tgt Ion:276 Resp: 1029425

Ion Ratio Lower Upper

276 100

138 15.0 8.5 12.7#

277 24.0 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

