

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013078.D
 Acq On : 22 Nov 2017 10:47
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 23 04:22:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:39:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	218998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	957437	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	596965	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1365046	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1216743	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	990170	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28974	6.13	ng/uL	0.00
5) Phenol-d5	6.89	99	353184	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	203412	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	273963	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	295287	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	143091	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	148046	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	317067	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	386705	22.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	961972	18.37	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1204646	18.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	147530	18.58	ng/ul	0.01
57) Fluorene-d10	15.35	176	815299	18.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	118788	20.07	ng/ul	0.00
70) Anthracene-d10	17.20	188	1266773	18.13	ng/ul	0.00
76) Pyrene-d10	19.49	212	1324633	21.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	948697	18.89	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.28	88	30233	5.82	ng/uL#	68
4) Benzaldehyde	6.86	77	239481	23.43	ng/ul	90
6) Phenol	6.92	94	356408	19.04	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.15	93	274304	19.46	ng/ul	98
10) 2-Chlorophenol	7.28	128	290596	19.37	ng/ul	97
11) 2-Methylphenol	8.16	108	275724	19.40	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	293039	18.32	ng/ul#	78
14) Acetophenone	8.53	105	470433	19.75	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.52	70	237838	19.47	ng/ul#	68
16) 4-Methylphenol	8.49	108	301381	19.97	ng/ul	93
17) Hexachloroethane	8.78	117	120554	18.97	ng/ul#	80
20) Nitrobenzene	8.91	77	352449	20.67	ng/ul	94
21) Isophorone	9.43	82	648863	18.57	ng/ul#	94
23) 2-Nitrophenol	9.62	139	159635	22.60	ng/ul#	83
24) 2,4-Dimethylphenol	9.68	107	356614	19.19	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.92	93	389488	19.43	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	298074	19.47	ng/ul#	89
28) Naphthalene	10.55	128	941886	19.09	ng/ul	99
30) 4-Chloroaniline	10.66	127	388379	23.51	ng/ul	91
31) Hexachlorobutadiene	10.83	225	216279	19.62	ng/ul	94
32) Caprolactam	11.42	113	88380	18.38	ng/ul#	38
33) 4-Chloro-3-methylphenol	11.79	107	325922	19.99	ng/ul	97
34) 2-Methylnaphthalene	12.16	142	722008	20.00	ng/ul	96

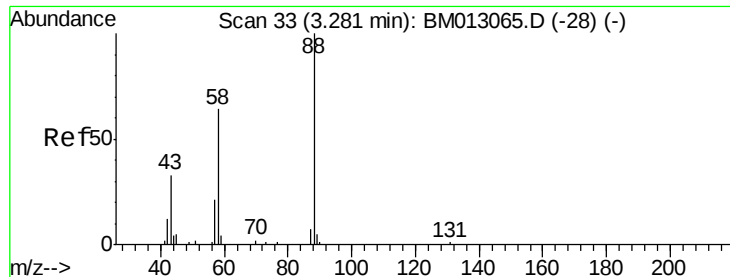
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	409423	18.86	ng/ul#	99
37) Hexachlorocyclopentadiene	12.51	237	219449	13.67	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	261539	19.99	ng/ul	100
39) 2,4,5-Trichlorophenol	12.85	196	274184	20.04	ng/ul	96
40) 1,1'-Biphenyl	13.18	154	953332	18.95	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	748539	18.78	ng/ul	98
42) 2-Nitroaniline	13.43	65	220348	26.03	ng/ul	93
44) Dimethylphthalate	13.82	163	971810	19.41	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	196813	25.76	ng/ul	92
47) Acenaphthylene	14.07	152	1159787	18.87	ng/ul	99
48) 3-Nitroaniline	14.26	138	190473	26.62	ng/ul	92
49) Acenaphthene	14.42	153	779572	18.87	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	66402	18.15	ng/ul#	88
52) 4-Nitrophenol	14.58	109	149220	20.73	ng/ul#	77
53) Dibenzofuran	14.75	168	1142742	19.31	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	277985	26.01	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	14.98	232	238132	20.78	ng/ul#	92
56) Diethylphthalate	15.19	149	970039	19.16	ng/ul	95
58) Fluorene	15.40	166	941181	19.32	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	496779	19.30	ng/ul	97
60) 4-Nitroaniline	15.43	138	192489	20.45	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.48	198	131671	20.48	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	815341	19.03	ng/ul	96
65) 4-Bromophenyl-phenylether	16.30	248	314080	19.00	ng/ul	97
66) Hexachlorobenzene	16.40	284	336903	18.88	ng/ul#	93
67) Atrazine	16.57	200	314818	19.18	ng/ul	90
68) Pentachlorophenol	16.75	266	157058	17.07	ng/ul	97
69) Phenanthrene	17.14	178	1463001	19.05	ng/ul	99
71) Anthracene	17.23	178	1501983	18.85	ng/ul	99
72) Carbazole	17.50	167	1244339	18.06	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1599395	18.23	ng/ul#	98
74) Fluoranthene	19.16	202	1678437	18.09	ng/ul#	92
77) Pyrene	19.52	202	1715115	22.64	ng/ul#	93
78) Butylbenzylphthalate	20.43	149	658640	20.92	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.20	252	481716	19.26	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1494968	19.20	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	939183	20.24	ng/ul#	97
82) Chrysene	21.32	228	1312373	18.17	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	1413756	21.67	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1345229	21.02	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	1183013	20.08	ng/ul#	98
88) Benzo(a)pyrene	23.42	252	1176934	19.75	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	1251511	17.98	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.77	278	1058776	17.96	ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	1020006	17.64	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 5.82 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

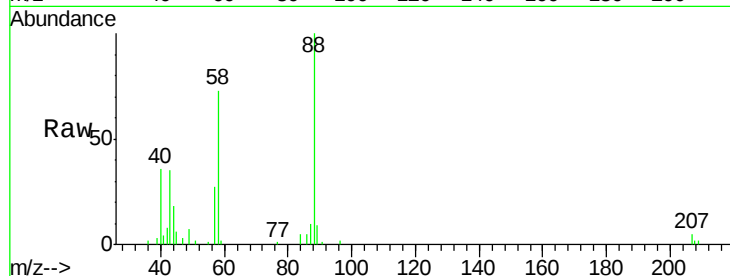
Tot Ion: 88 Resp: 30233

Ion Ratio Lower Upper

88 100

43 32.4 48.0 72.0#

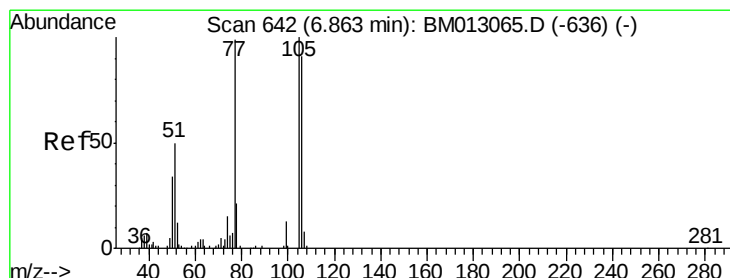
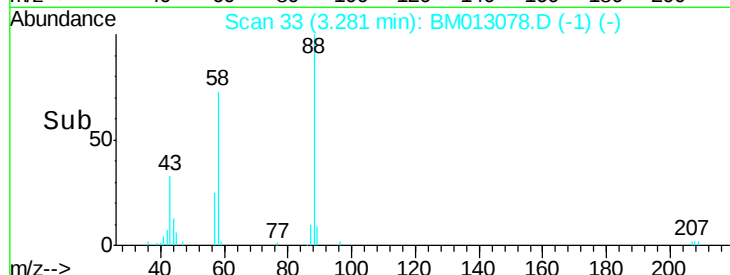
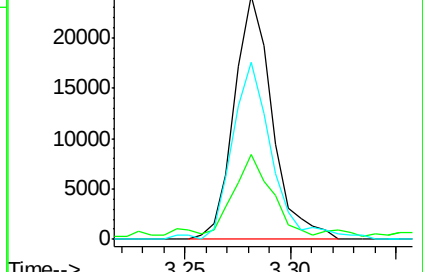
58 70.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013065.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013065.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013065.D (-28) (-)



#4

Benzaldehyde

Concen: 23.43 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

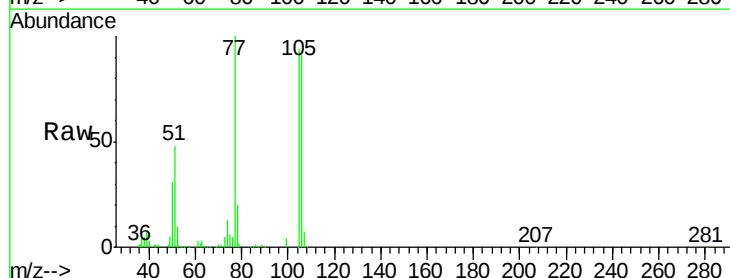
Tgt Ion: 77 Resp: 239481

Ion Ratio Lower Upper

77 100

105 93.6 66.1 99.1

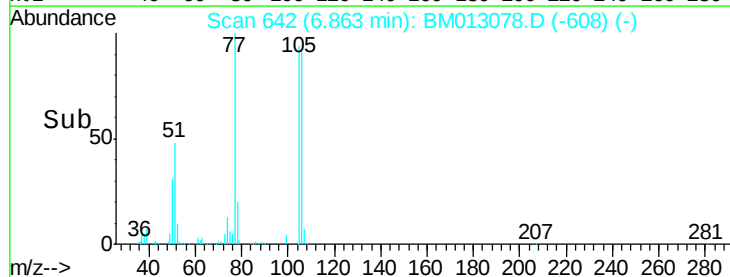
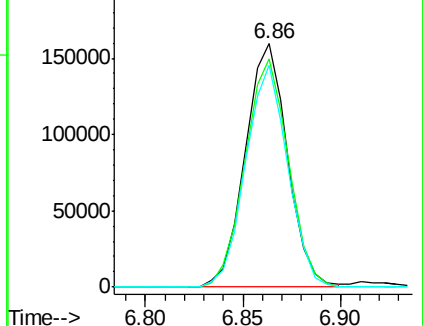
106 91.0 67.8 101.6

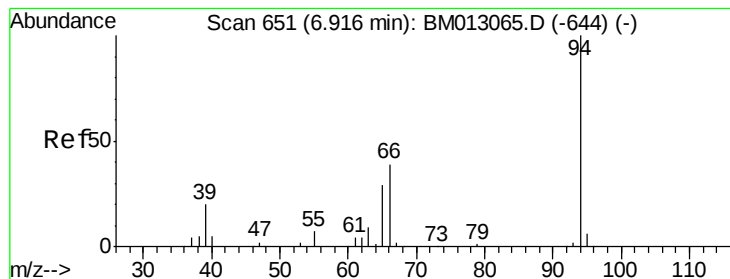


Abundance Ion 77.00 (76.70 to 77.70): BM013065.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013065.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013065.D (-636) (-)





#6

Phenol

Concen: 19.04 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

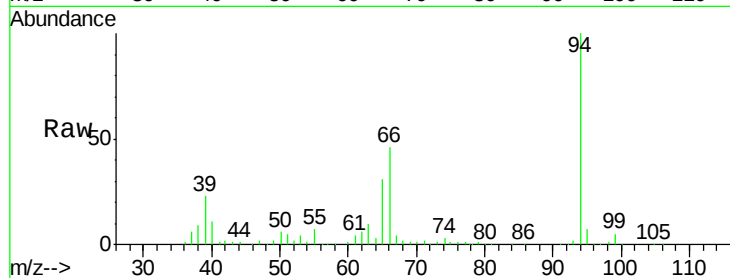
Tot Ion: 94 Resp: 356408

Ion Ratio Lower Upper

94 100

65 31.0 28.2 42.4

66 46.4 47.2 70.8#

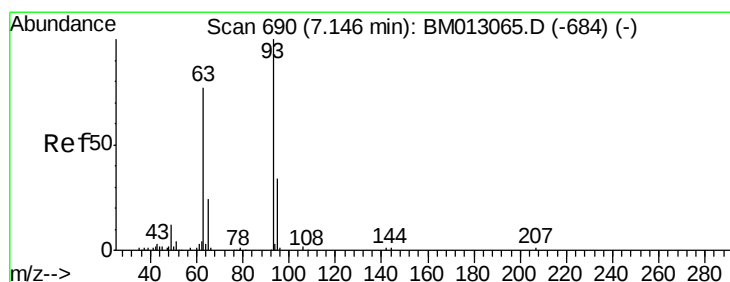
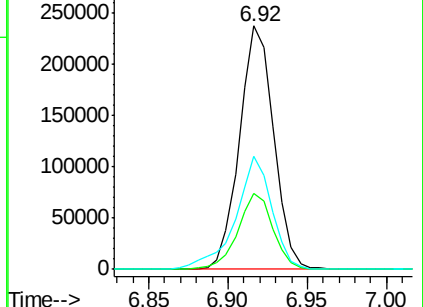
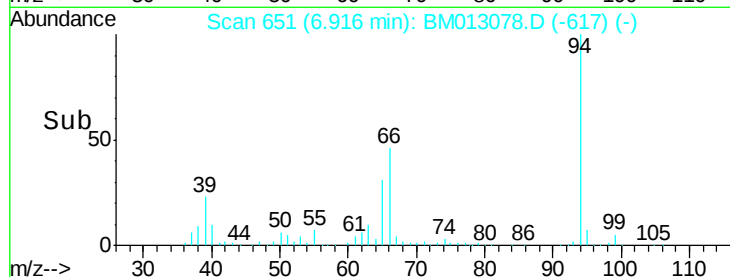


Abundance Ion 94.00 (93.70 to 94.70): BM013065.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013065.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013065.D (-644) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.46 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

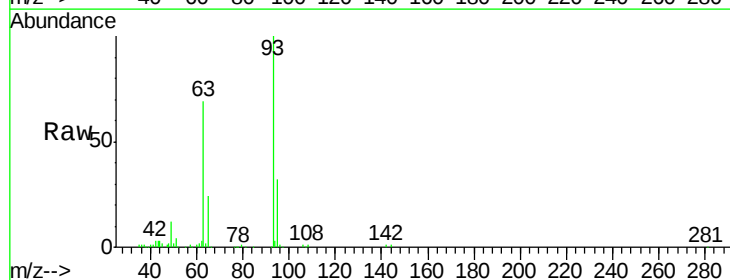
Tgt Ion: 93 Resp: 274304

Ion Ratio Lower Upper

93 100

63 69.3 57.3 85.9

95 32.3 26.6 39.8

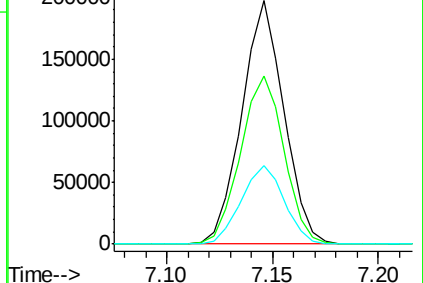
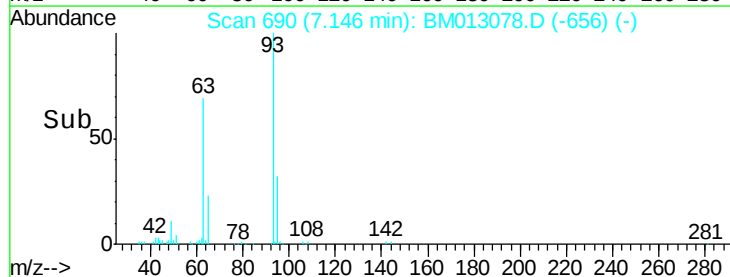


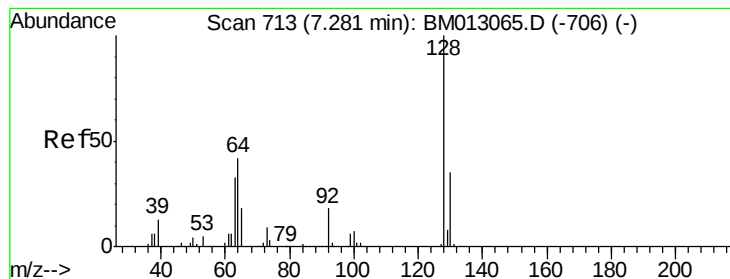
Abundance Ion 93.00 (92.70 to 93.70): BM013065.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013065.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013065.D (-684) (-)

Time-->





#10

2-Chlorophenol

Concen: 19.37 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

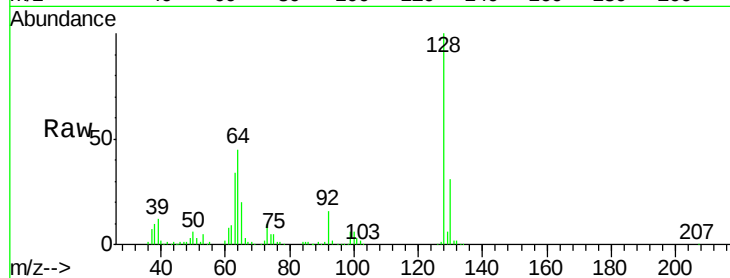
Tot Ion:128 Resp: 290596

Ion Ratio Lower Upper

128 100

64 44.6 38.0 57.0

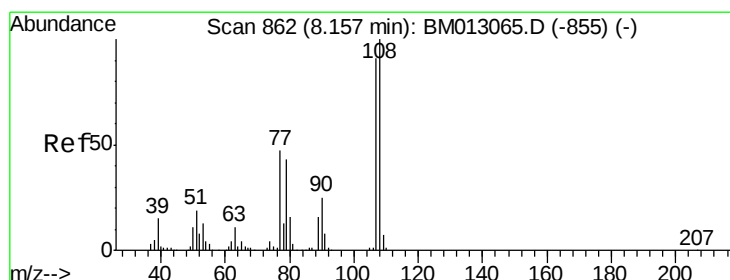
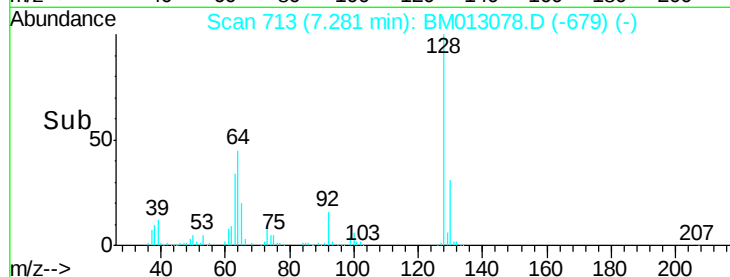
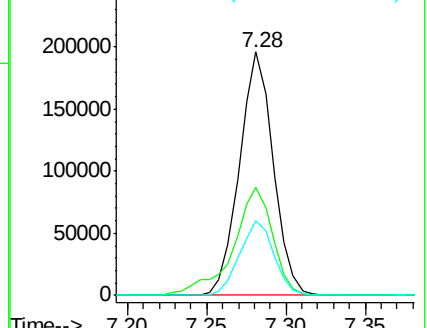
130 30.6 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.40 ng/ul

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM013078.D

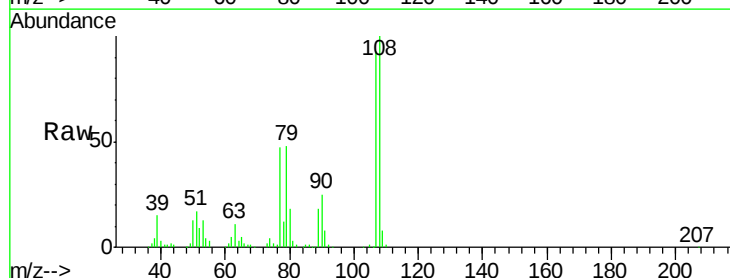
Acq: 22 Nov 2017 10:47

Tgt Ion:108 Resp: 275724

Ion Ratio Lower Upper

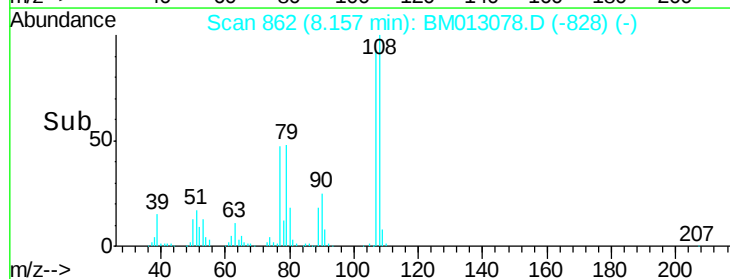
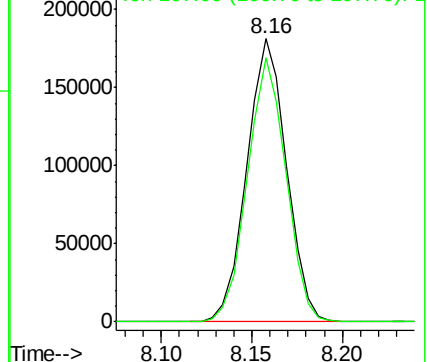
108 100

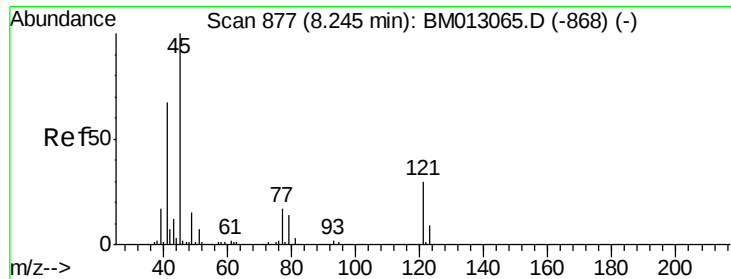
107 93.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

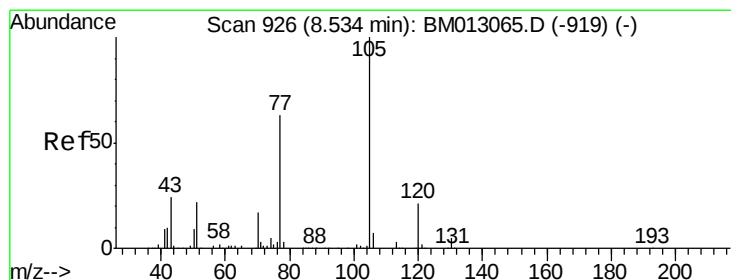
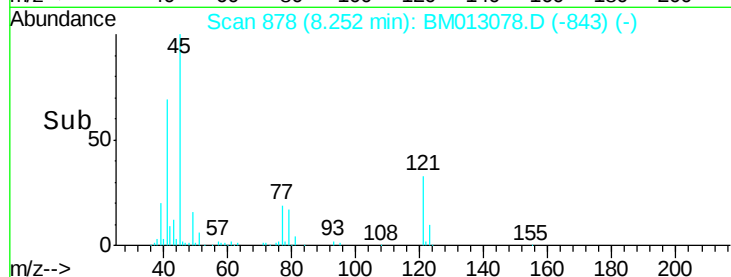
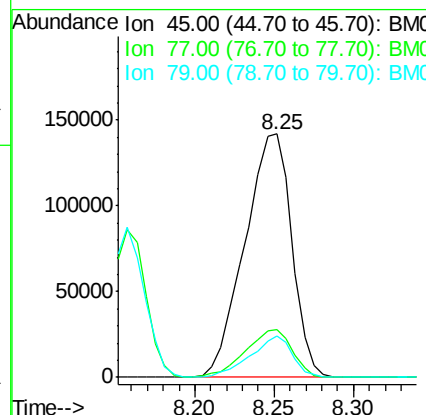
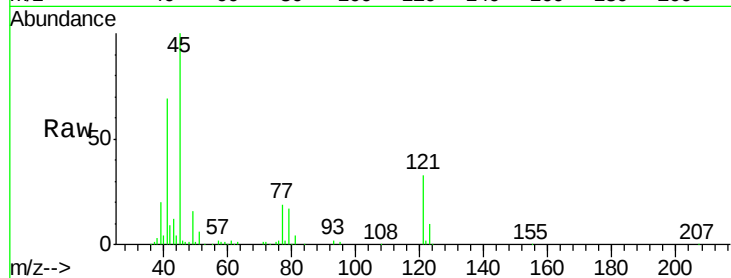




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.32 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

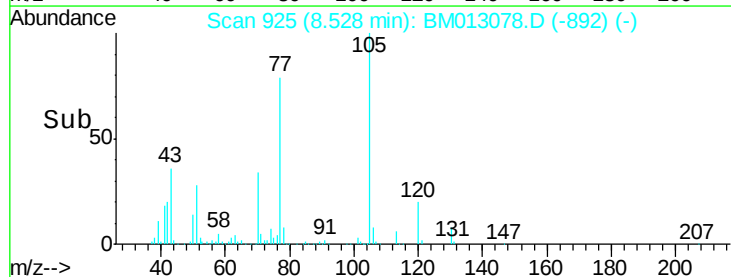
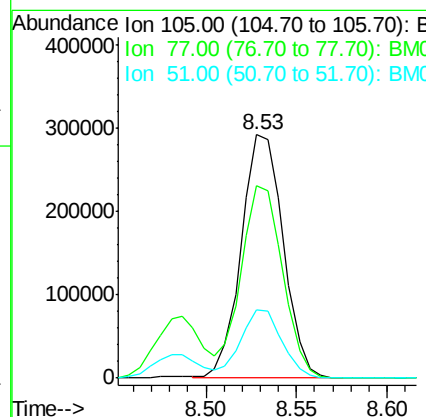
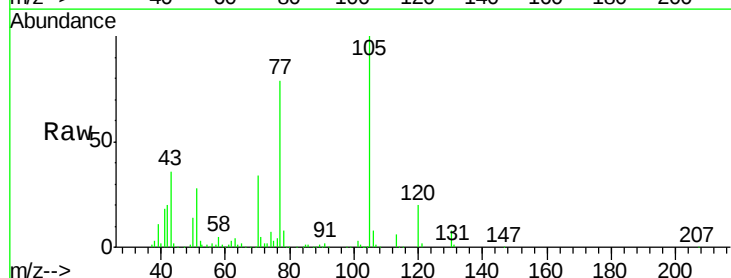
Instrument :
BNA_M
ClientSampleId :

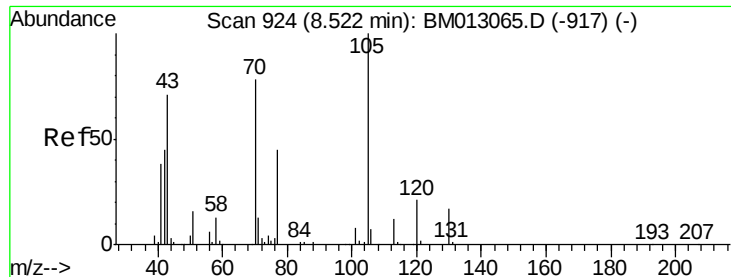
Tot Ion	Ratio	Lower	Upper
45	100		
77	19.5	8.0	12.0#
79	17.2	8.0	12.0#



#14
Acetophenone
Concen: 19.75 ng/ul
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.2	74.2	111.4
51	28.1	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.47 ng/ul

RT: 8.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 237838

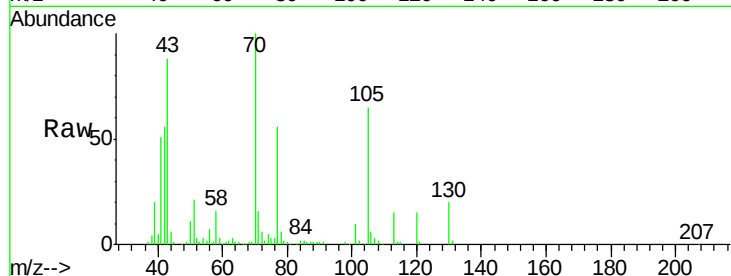
Ion Ratio Lower Upper

70 100

42 56.1 76.0 114.0#

101 9.7 6.7 10.1

130 20.5 14.6 22.0

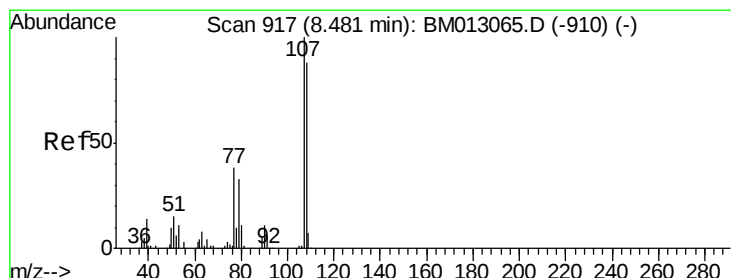
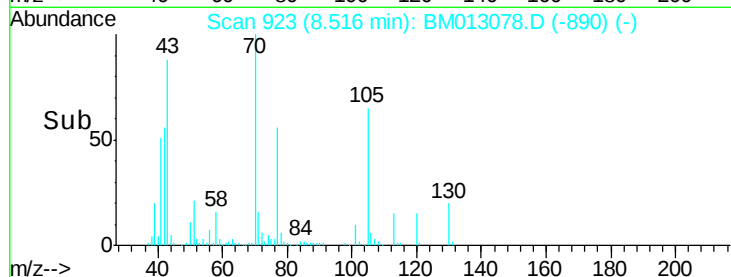
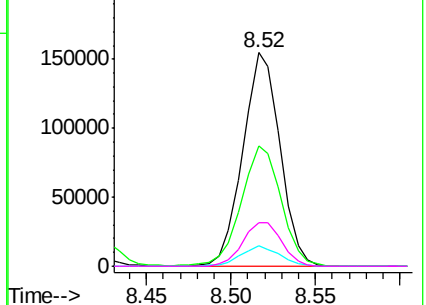


Abundance Ion 70.00 (69.70 to 70.70): BM013065.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM013065.D (-917) (-)

Ion 101.00 (100.70 to 101.70): BM013065.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM013065.D (-917) (-)



#16

4-Methylphenol

Concen: 19.97 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM013078.D

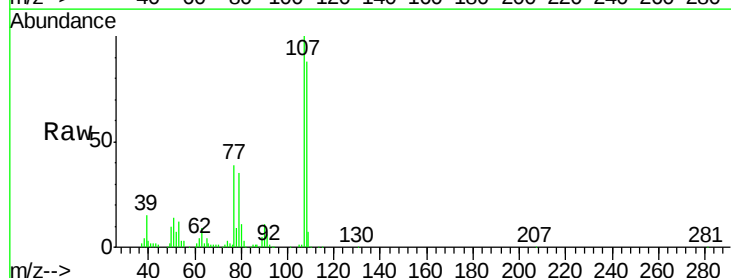
Acq: 22 Nov 2017 10:47

Tgt Ion: 108 Resp: 301381

Ion Ratio Lower Upper

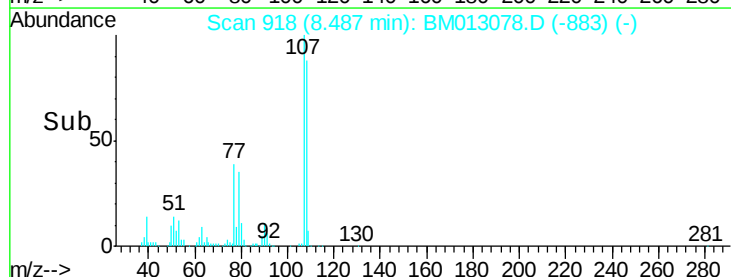
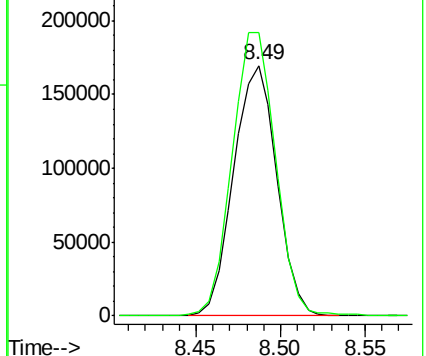
108 100

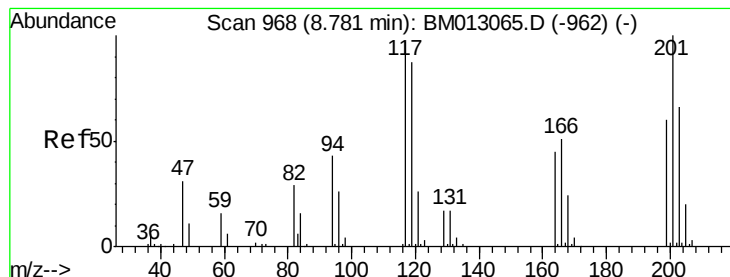
107 113.0 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013065.D (-910) (-)

Ion 107.00 (106.70 to 107.70): BM013065.D (-910) (-)





#17

Hexachloroethane

Concen: 18.97 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampled :

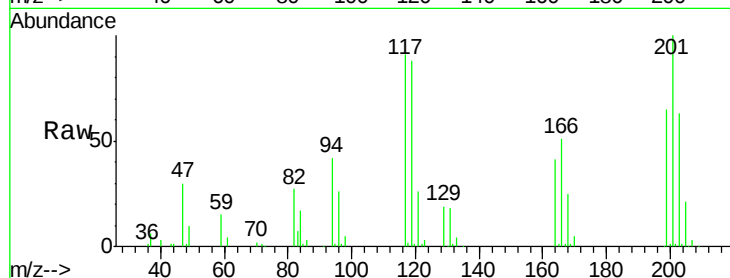
Tot Ion:117 Resp: 120554

Ion Ratio Lower Upper

117 100

201 111.0 111.6 167.4#

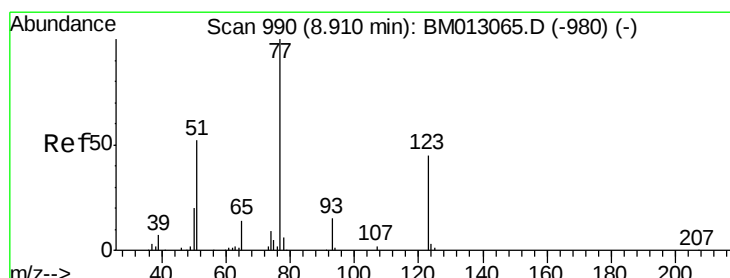
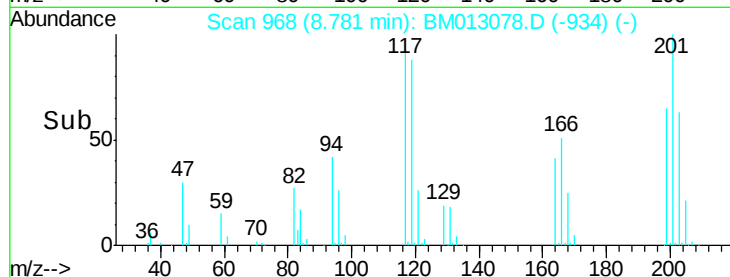
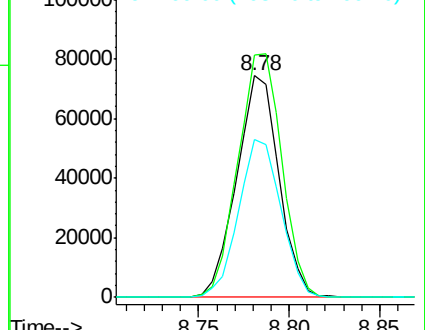
199 71.0 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.67 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

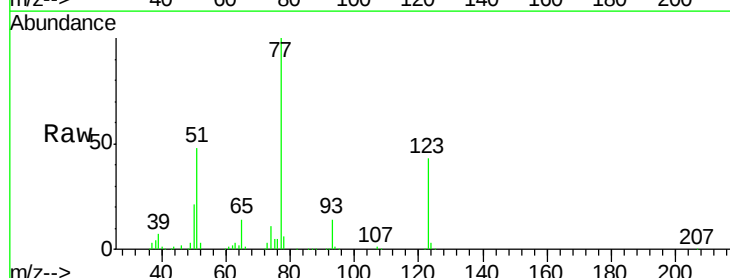
Tgt Ion: 77 Resp: 352449

Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

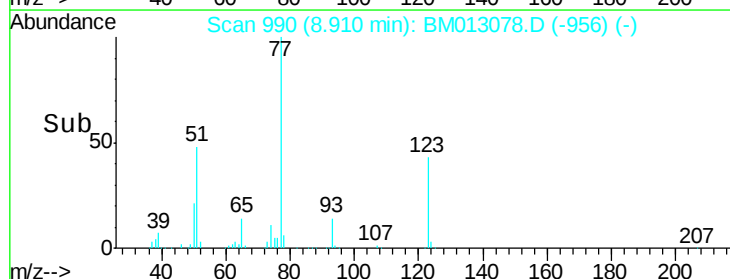
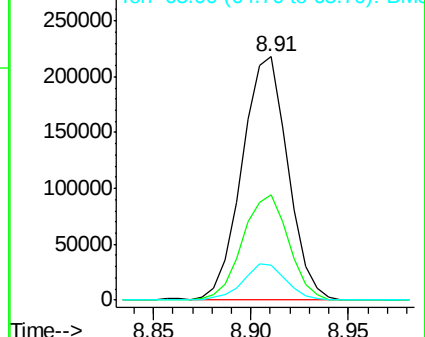
65 14.1 12.2 18.2

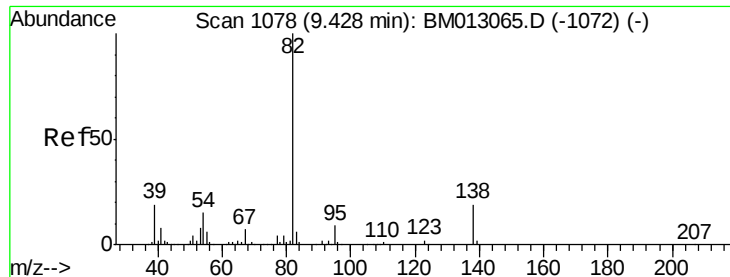


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.57 ng/ul

RT: 9.43 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampled :

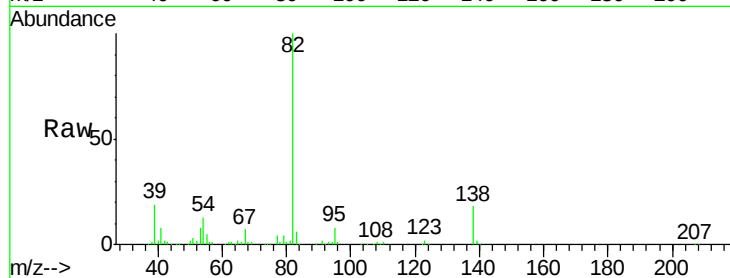
Tot Ion: 82 Resp: 648863

Ion Ratio Lower Upper

82 100

95 7.8 7.8 11.8#

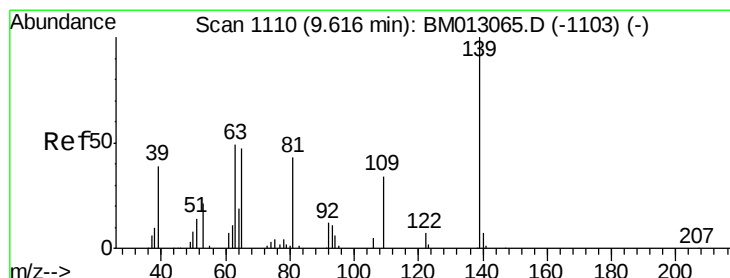
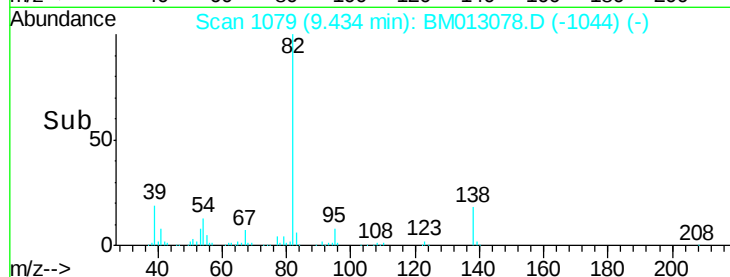
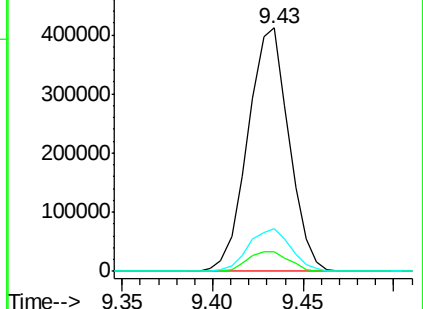
138 17.6 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013065.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM013065.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM013065.D (-1072) (-)



#23

2-Nitrophenol

Concen: 22.60 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

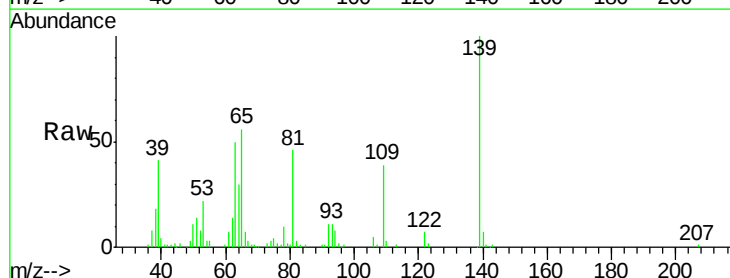
Tgt Ion: 139 Resp: 159635

Ion Ratio Lower Upper

139 100

65 56.1 55.4 83.0

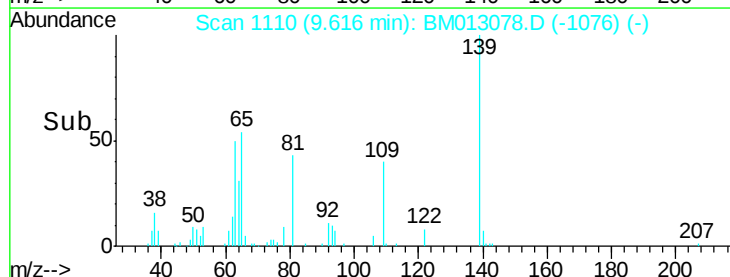
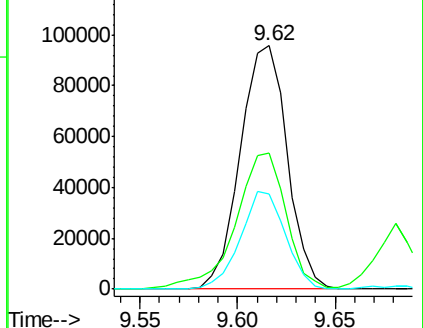
109 39.2 42.2 63.2#

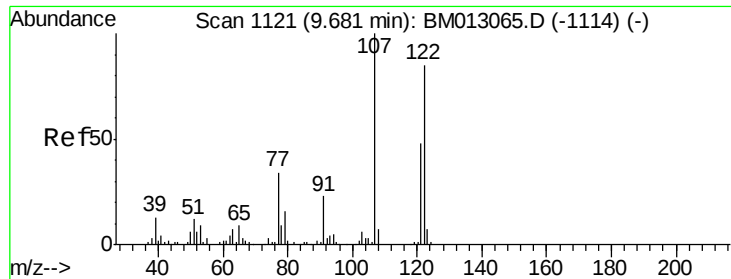


Abundance Ion 139.00 (138.70 to 139.70): BM013065.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM013065.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM013065.D (-1103) (-)





#24

2,4-Dimethylphenol

Concen: 19.19 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

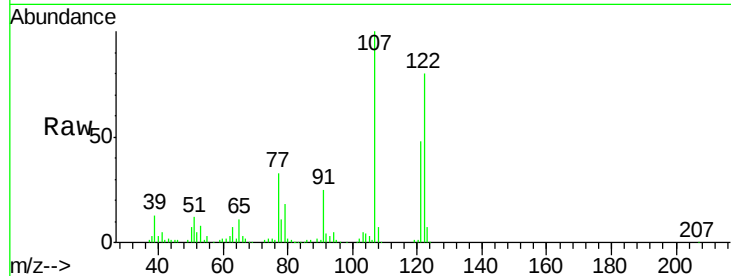
Tot Ion:107 Resp: 356614

Ion Ratio Lower Upper

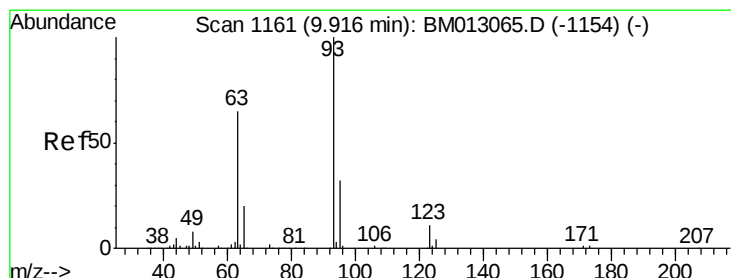
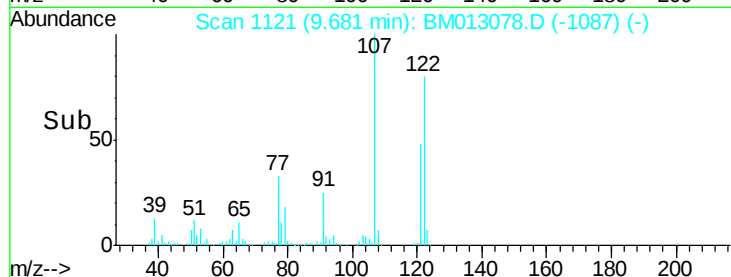
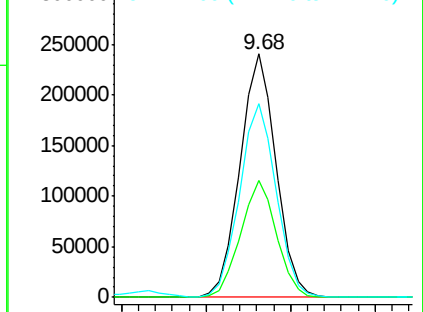
107 100

121 48.0 31.9 47.9#

122 79.6 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: 19.43 ng/ul

RT: 9.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

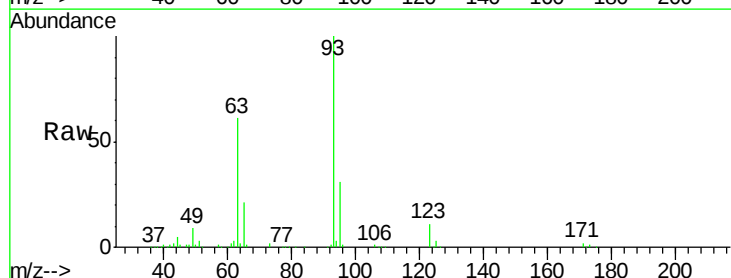
Tgt Ion: 93 Resp: 389488

Ion Ratio Lower Upper

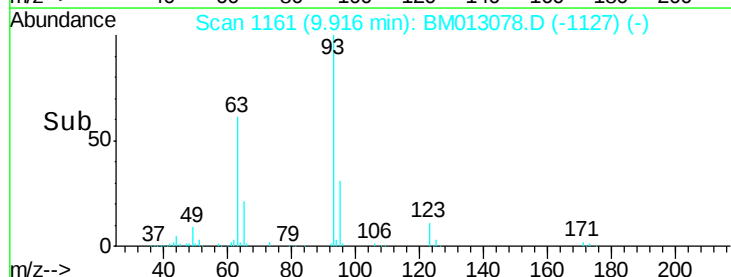
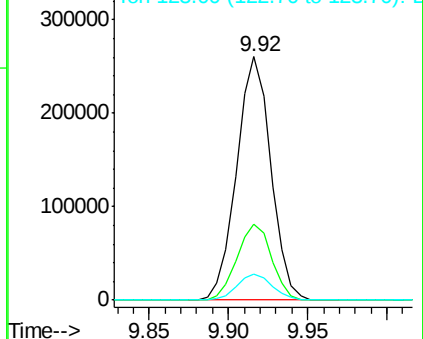
93 100

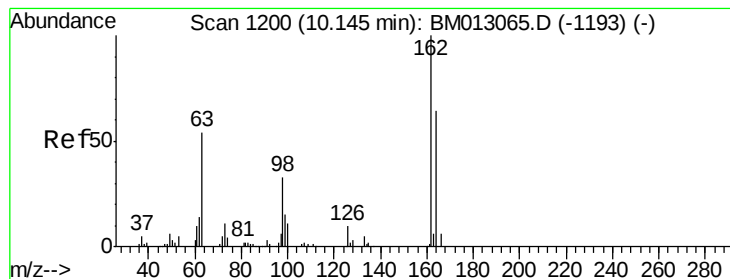
95 31.3 28.5 42.7

123 10.7 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: 19.47 ng/ul

RT: 10.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

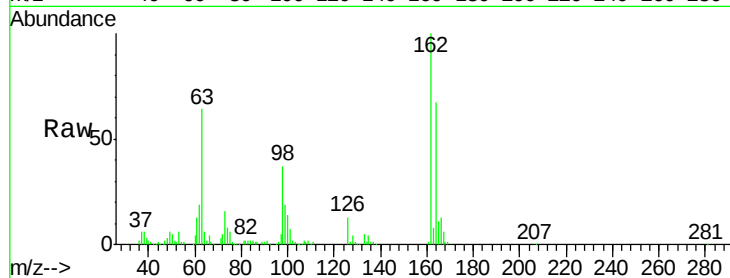
Tot Ion:162 Resp: 298074

Ion Ratio Lower Upper

162 100

164 66.7 47.8 71.6

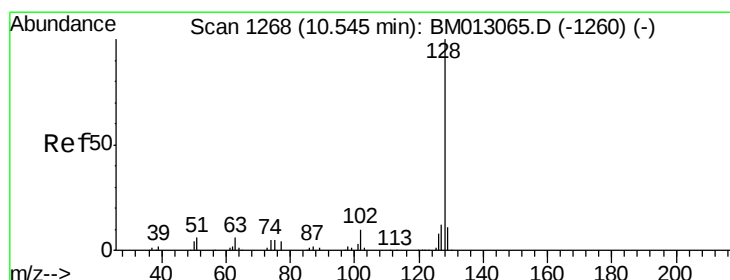
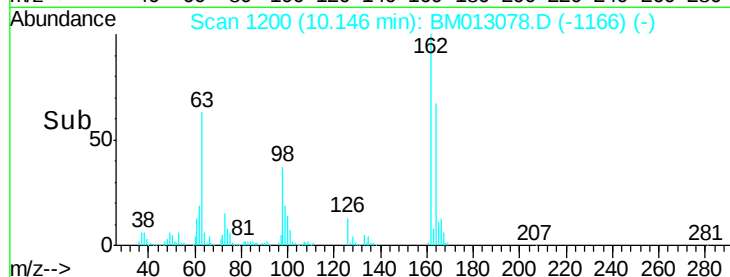
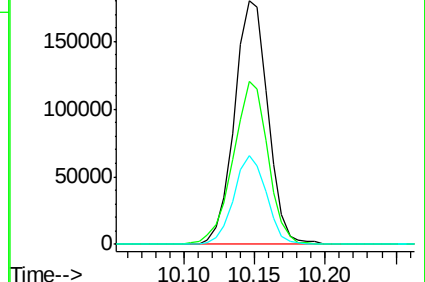
98 36.6 23.0 34.4#



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: 19.09 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

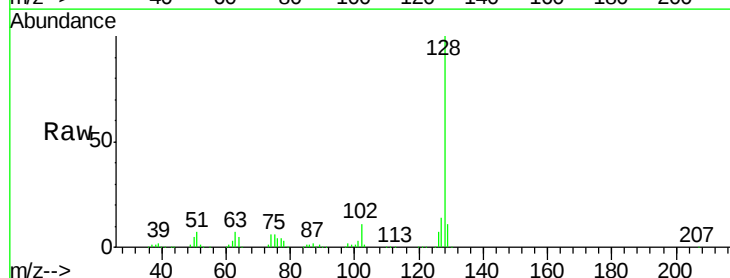
Tgt Ion:128 Resp: 941886

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

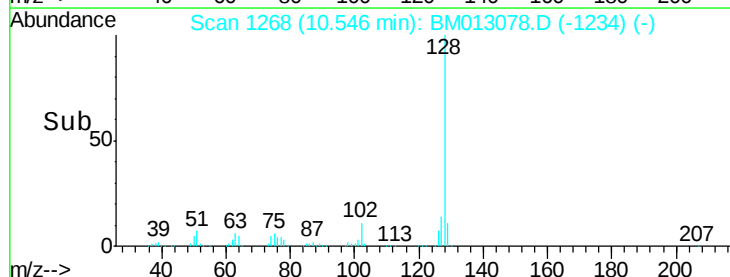
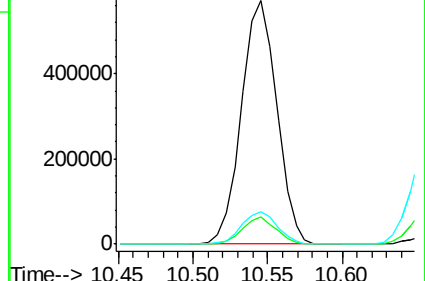
127 13.6 10.6 16.0

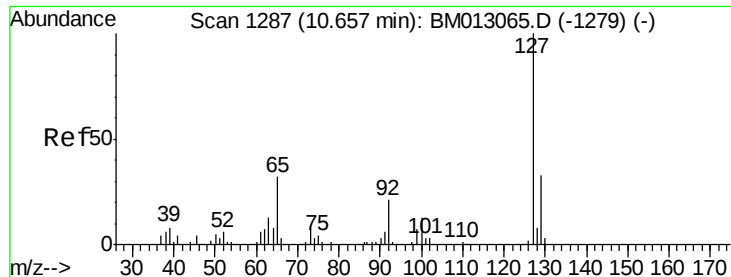


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

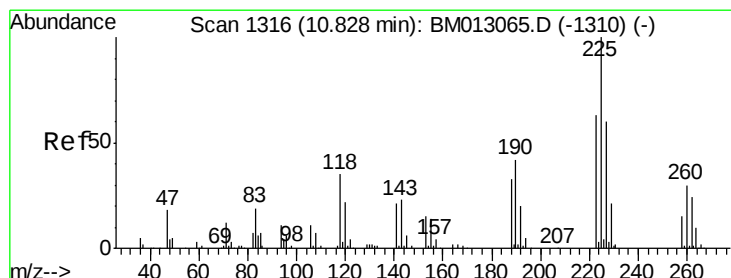
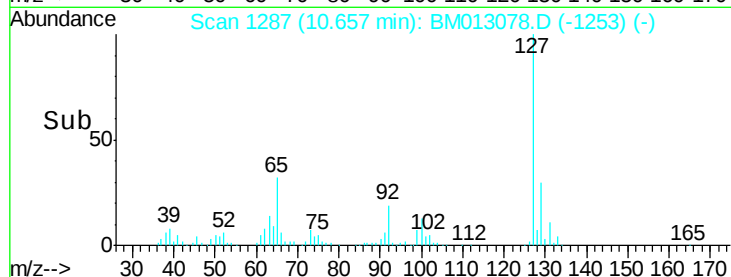
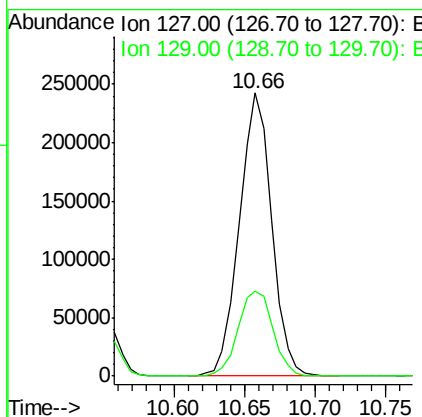
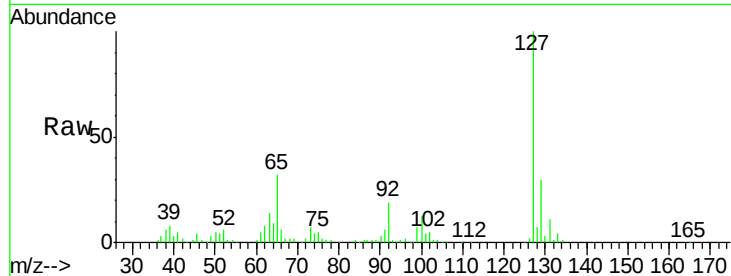




#30
4-Chloroaniline
Concen: 23.51 ng/ul
RT: 10.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

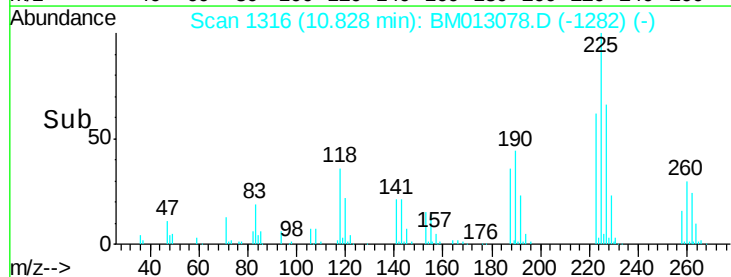
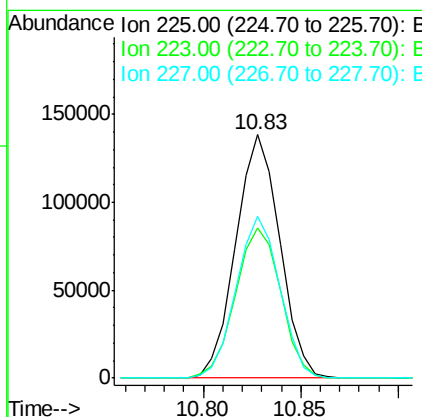
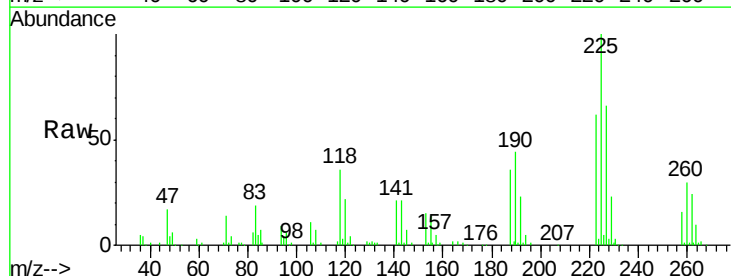
Instrument :
BNA_M
ClientSampled :

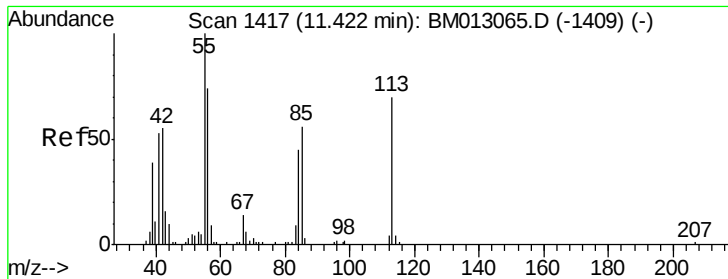
Tot Ion:127 Resp: 388379
Ion Ratio Lower Upper
127 100
129 30.0 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.62 ng/ul
RT: 10.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion:225 Resp: 216279
Ion Ratio Lower Upper
225 100
223 61.6 49.4 74.2
227 66.3 45.4 68.2





#32

Caprolactam

Concen: 18.38 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

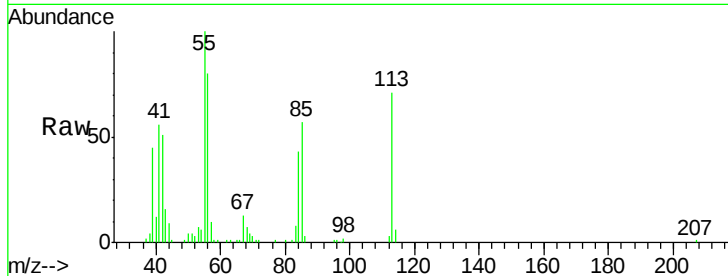
Tot Ion:113 Resp: 88380

Ion Ratio Lower Upper

113 100

55 141.6 208.0 312.0#

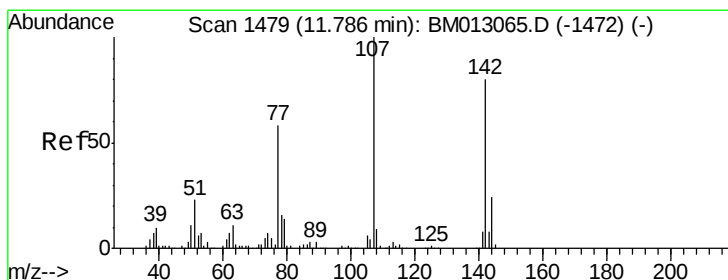
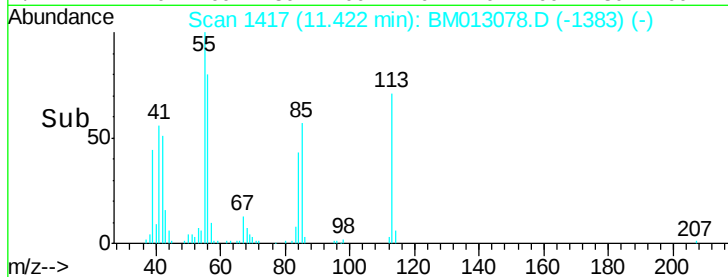
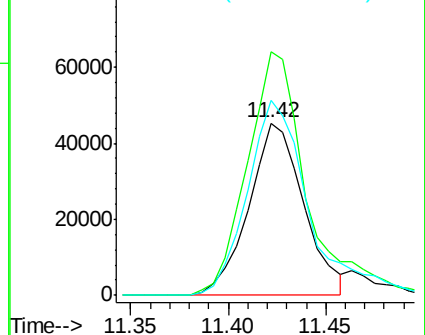
56 113.1 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.99 ng/ul

RT: 11.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

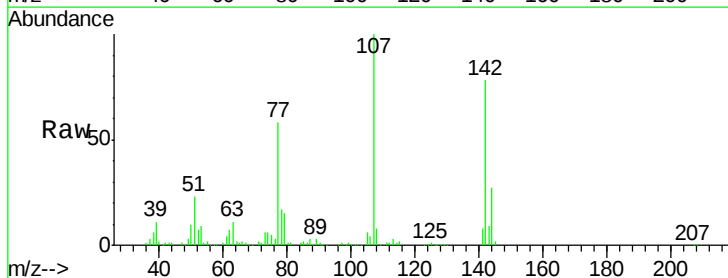
Tgt Ion:107 Resp: 325922

Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

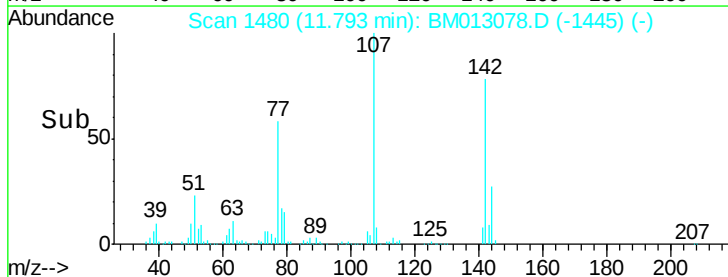
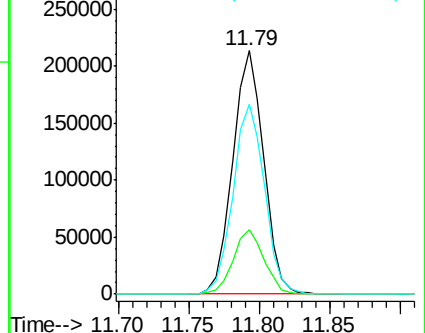
142 78.0 60.5 90.7

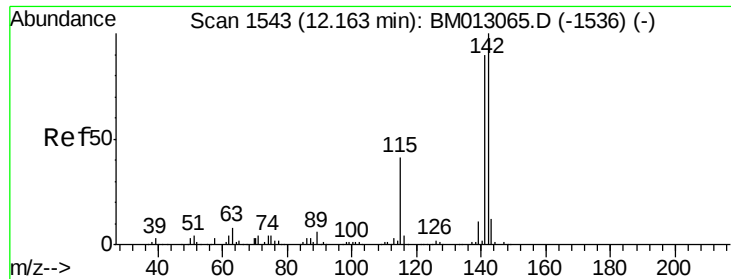


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

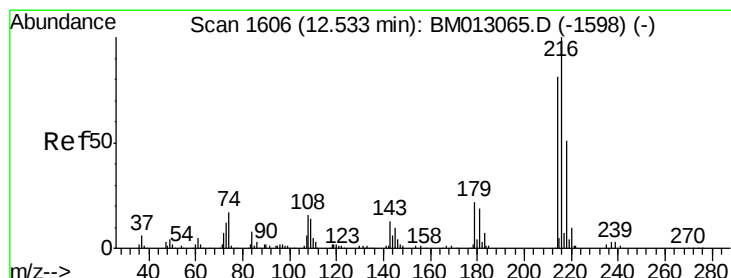
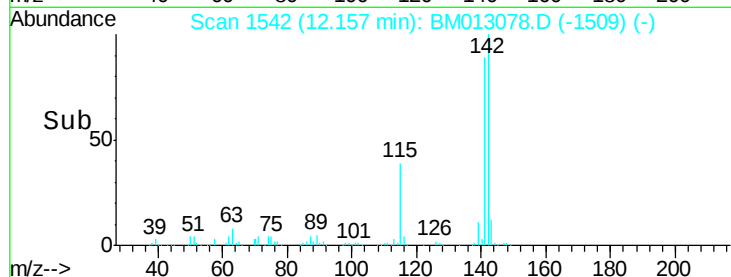
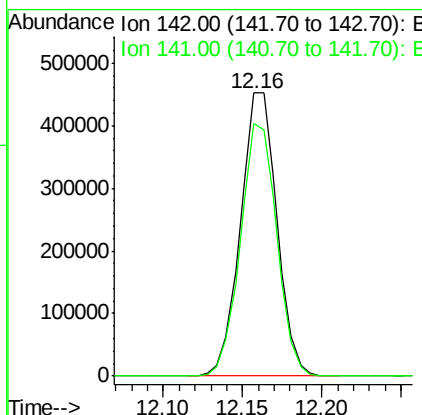
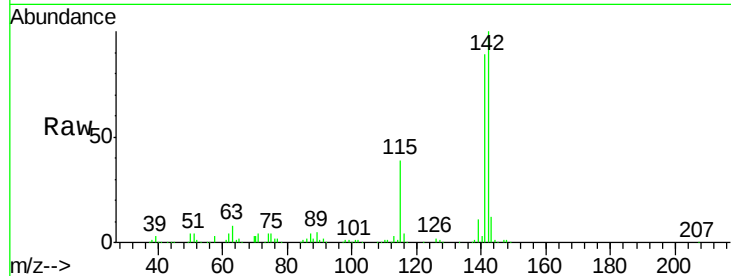




#34
 2-Methylnaphthalene
 Concen: 20.00 ng/ul
 RT: 12.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

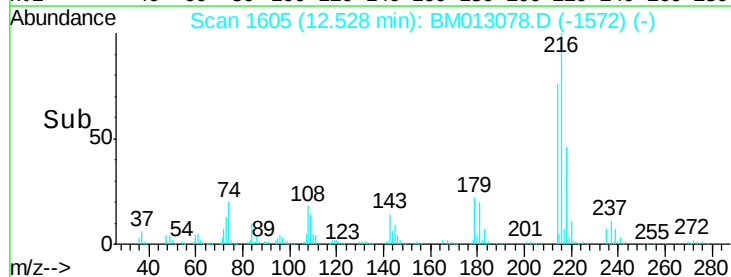
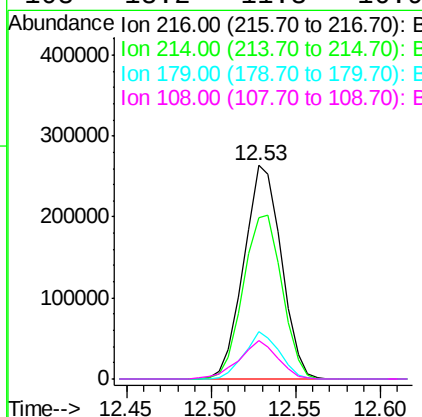
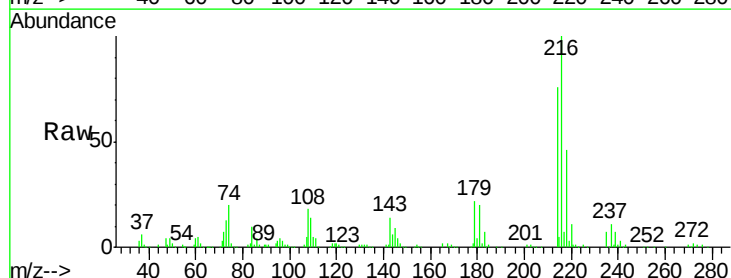
Instrument :
 BNA_M
 ClientSampled :

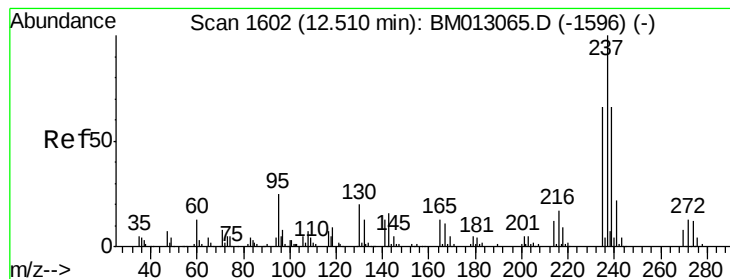
Tot Ion:142 Resp: 722008
 Ion Ratio Lower Upper
 142 100
 141 89.1 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.86 ng/ul
 RT: 12.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion:216 Resp: 409423
 Ion Ratio Lower Upper
 216 100
 214 75.7 60.6 90.8
 179 22.5 17.5 26.3
 108 18.2 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 13.67 ng/ul

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

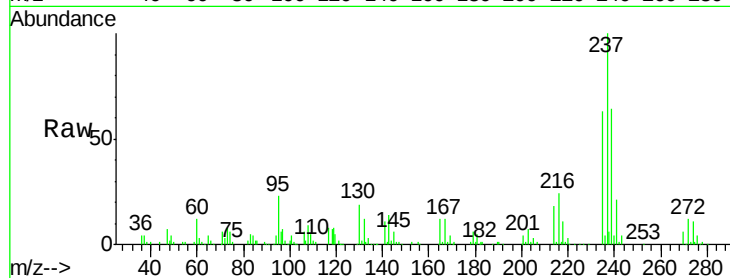
Tot Ion:237 Resp: 219449

Ion Ratio Lower Upper

237 100

235 62.8 50.2 75.4

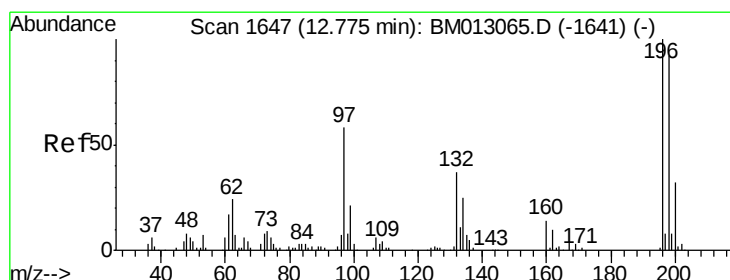
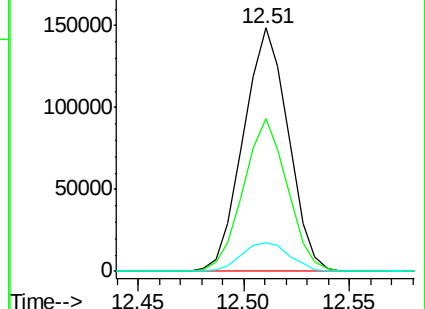
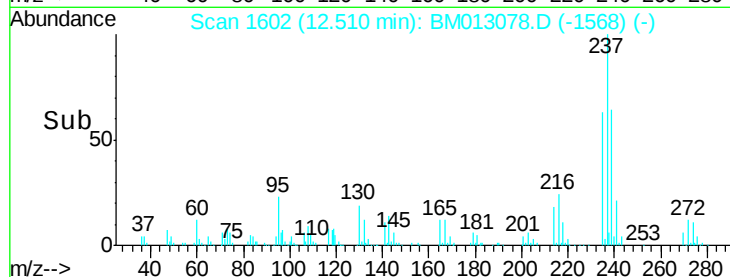
272 11.9 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.99 ng/ul

RT: 12.78 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

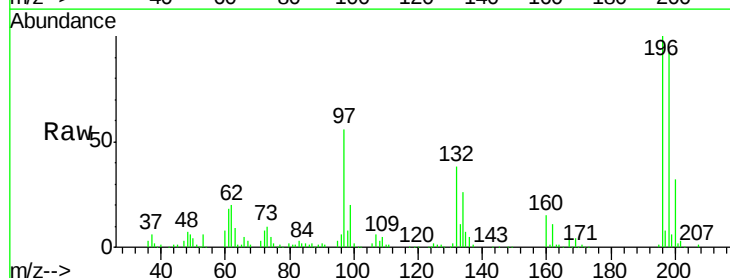
Tgt Ion:196 Resp: 261539

Ion Ratio Lower Upper

196 100

198 92.1 74.1 111.1

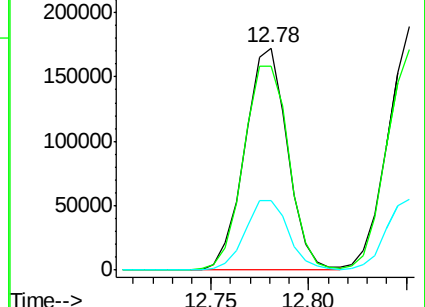
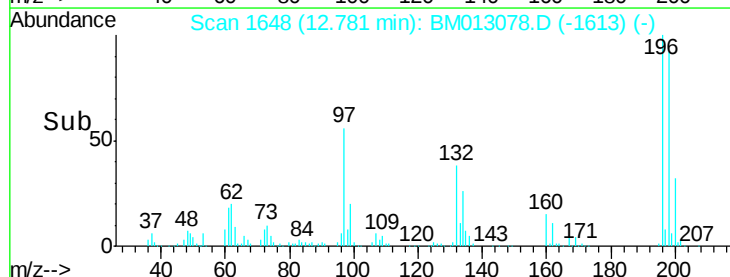
200 31.5 25.2 37.8

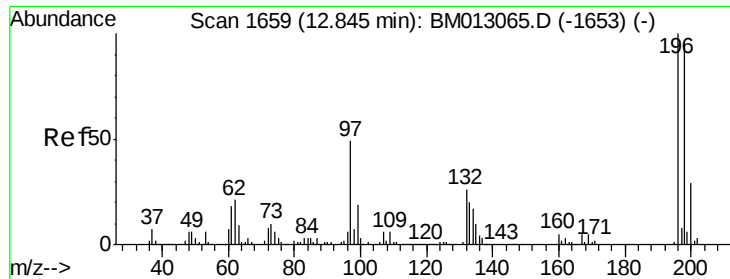


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

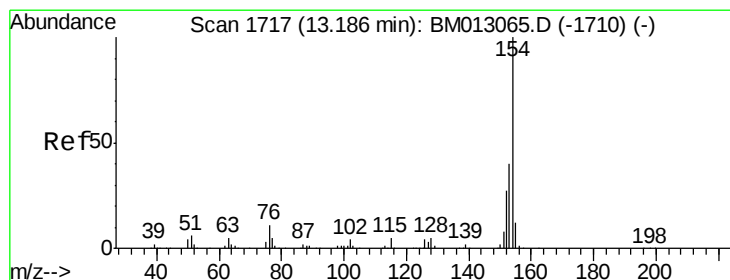
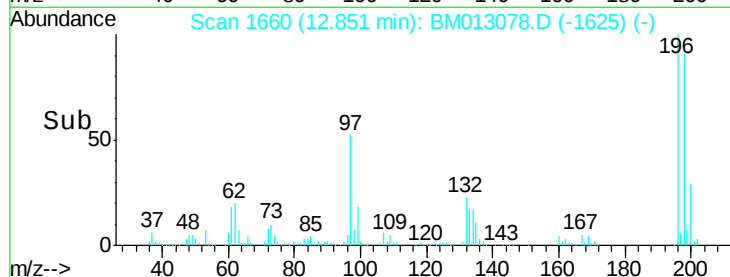
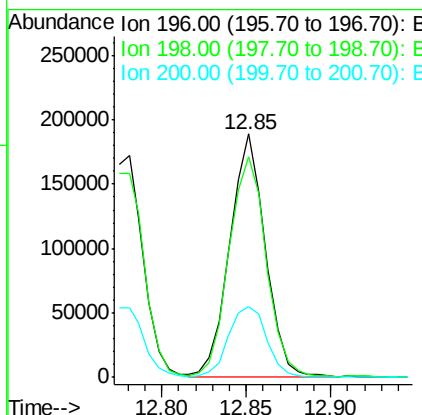
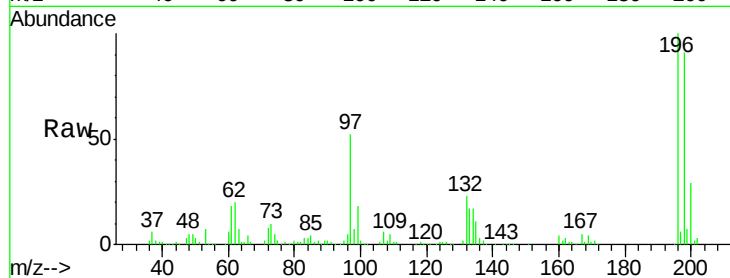




#39
 2,4,5-Trichlorophenol
 Concen: 20.04 ng/ul
 RT: 12.85 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

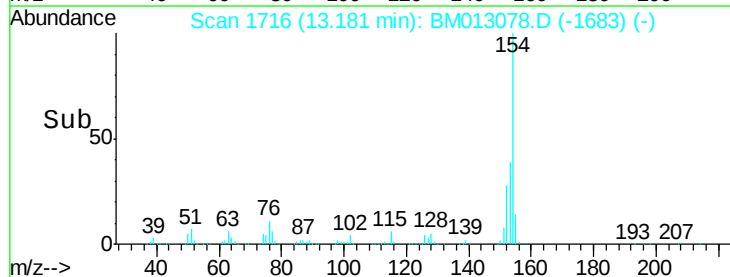
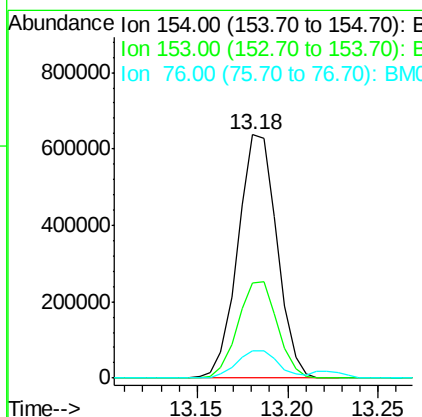
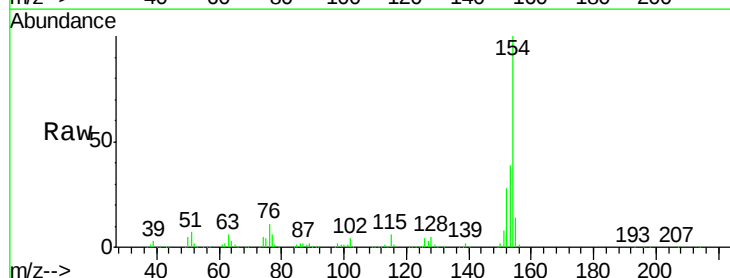
Instrument :
 BNA_M
 ClientSampled :

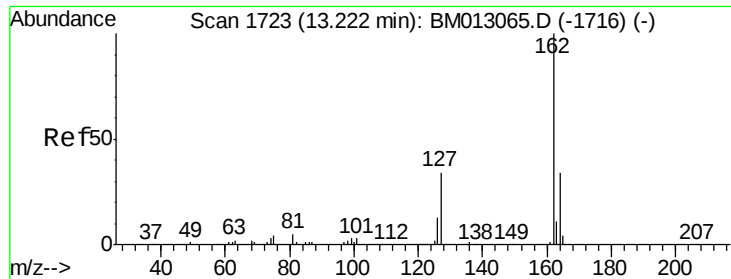
Tot Ion:196 Resp: 274184
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.6 113.4
 200 29.0 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 18.95 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion:154 Resp: 953332
 Ion Ratio Lower Upper
 154 100
 153 39.2 32.6 48.8
 76 11.1 8.5 12.7

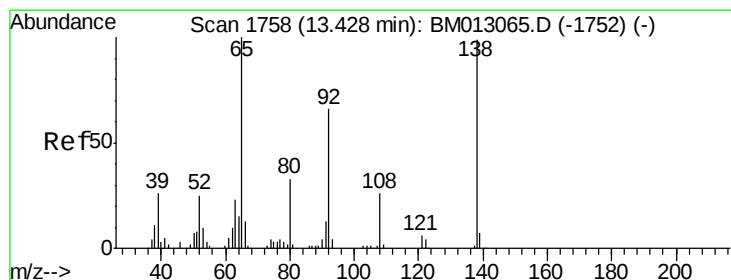
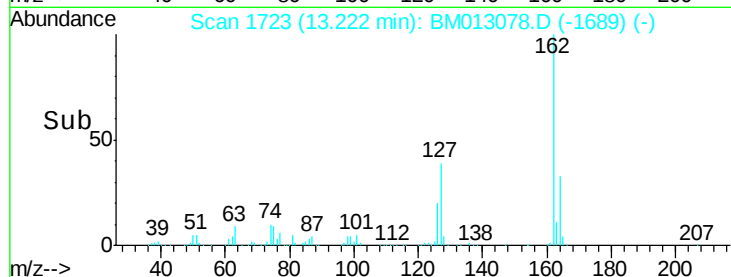
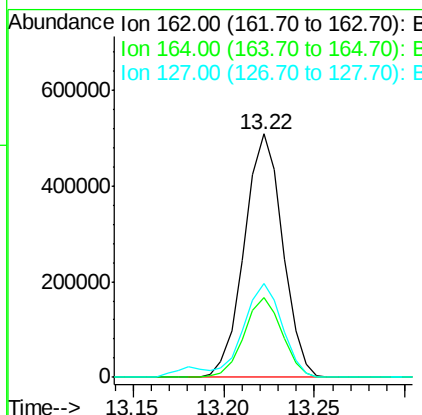
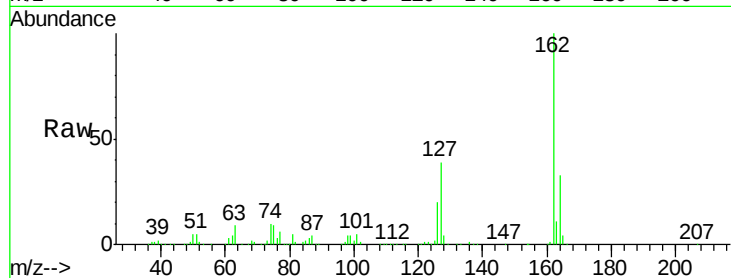




#41
2-Chloronaphthalene
Concen: 18.78 ng/ul
RT: 13.22 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

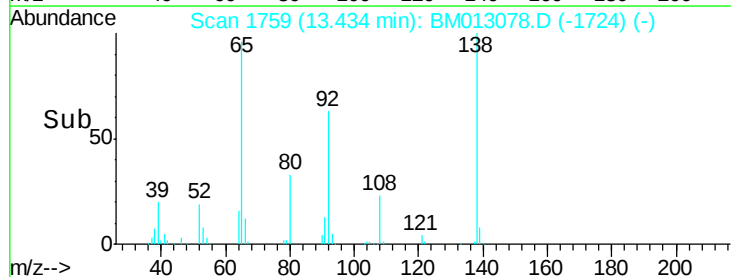
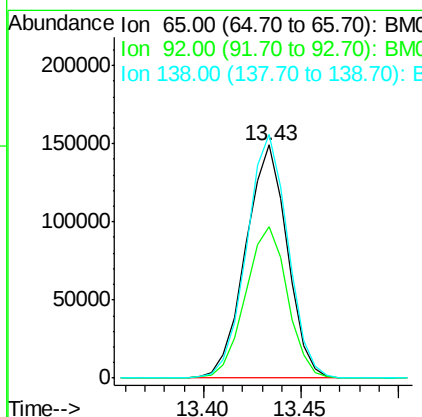
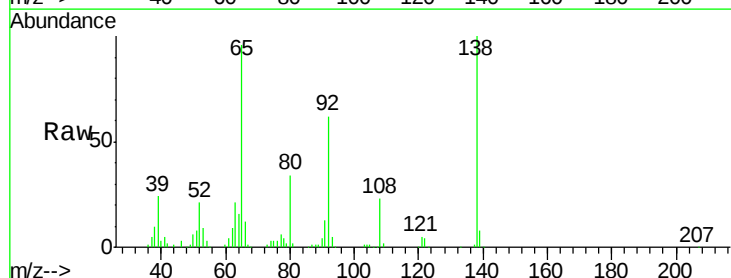
Instrument :
BNA_M
ClientSampleId :

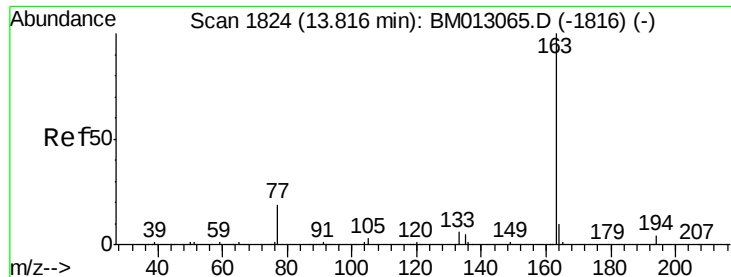
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.9	38.9
127	38.5	29.4	44.2



#42
2-Nitroaniline
Concen: 26.03 ng/ul
RT: 13.43 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	51.8	77.6
138	104.4	74.2	111.4

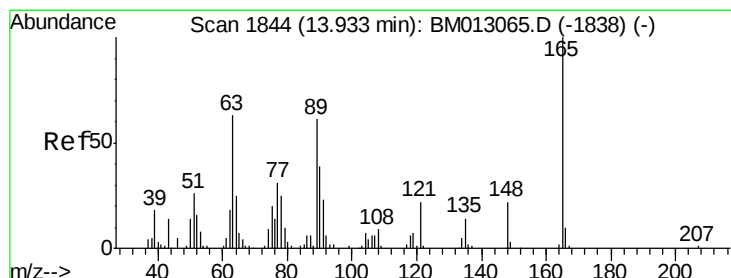
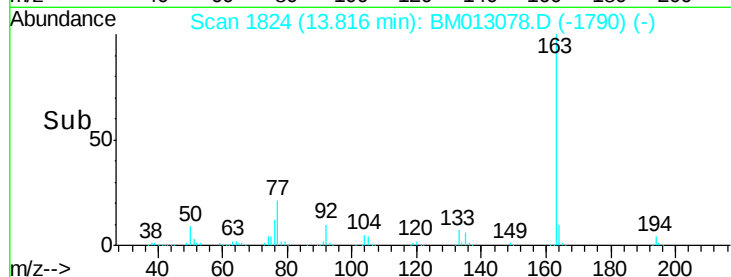
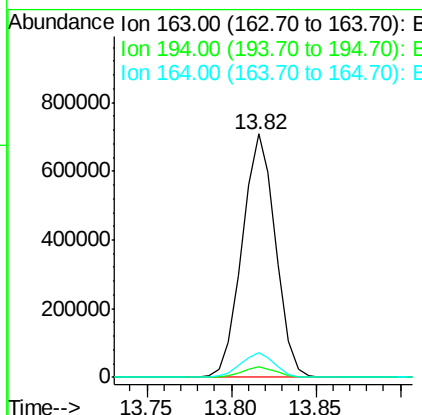
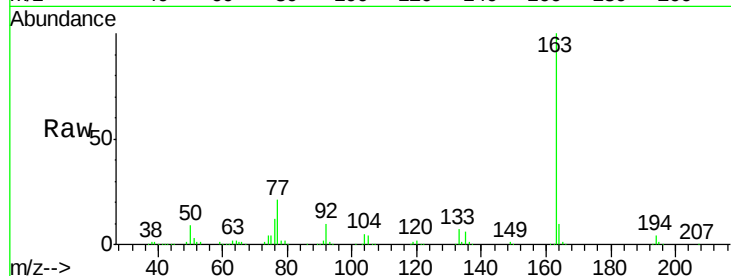




#44
Dimethylphthalate
Concen: 19.41 ng/ul
RT: 13.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

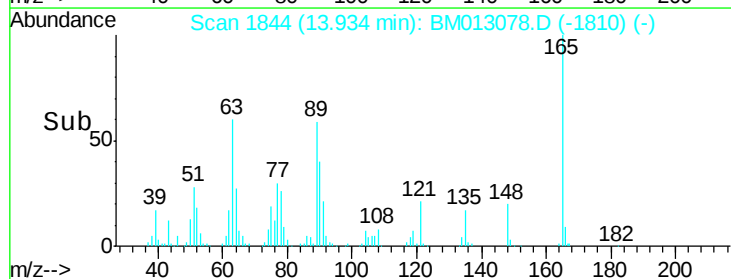
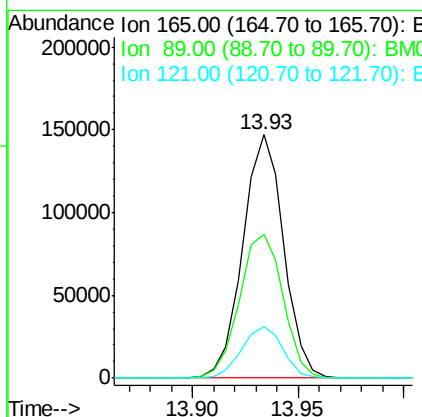
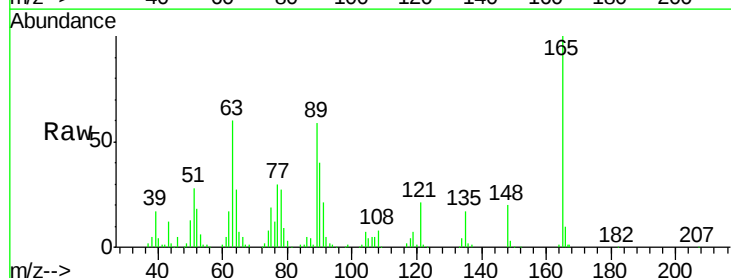
Instrument :
BNA_M
ClientSampleId :

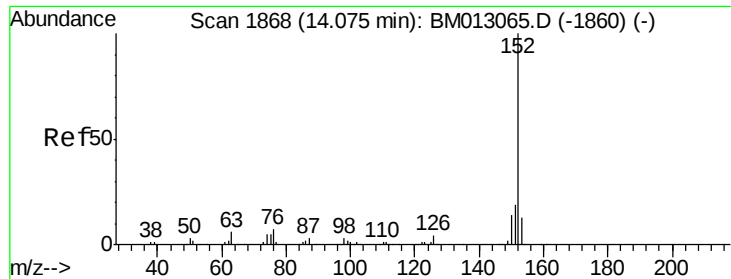
Tot Ion:163 Resp: 971810
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.9 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 25.76 ng/ul
RT: 13.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion:165 Resp: 196813
Ion Ratio Lower Upper
165 100
89 58.9 52.6 79.0
121 21.2 14.6 22.0





#47

Acenaphthylene

Concen: 18.87 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

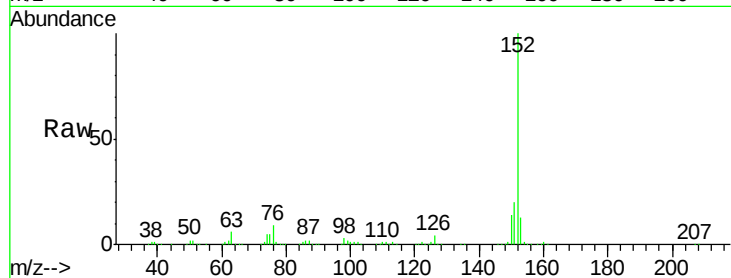
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1159787

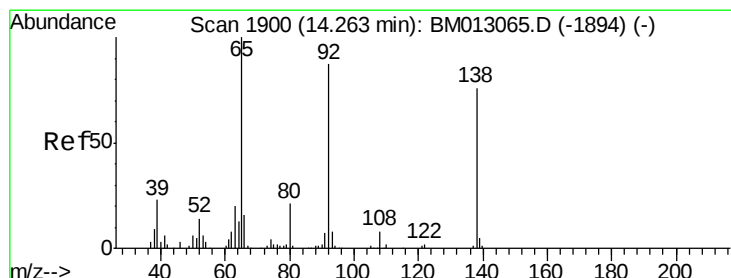
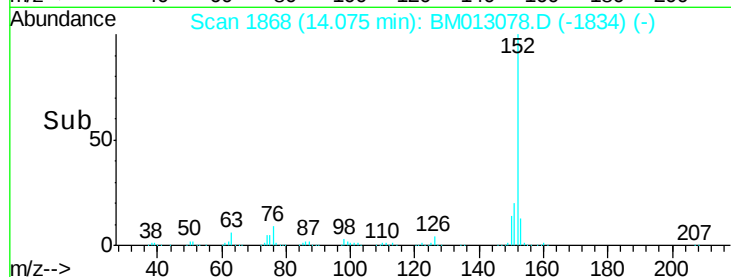
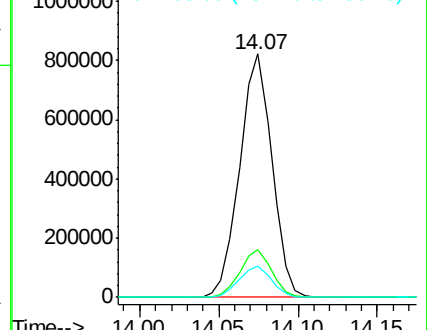
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.2	15.4



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: 26.62 ng/ul

RT: 14.26 min Scan# 1900

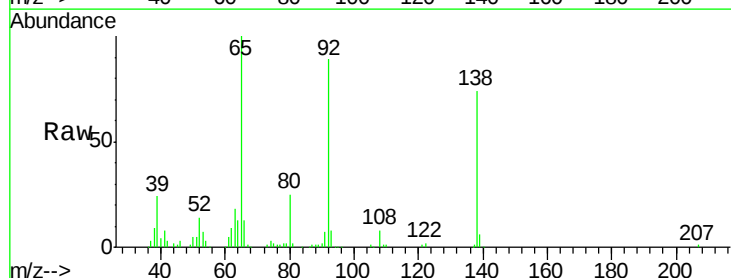
Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Tgt Ion:138 Resp: 190473

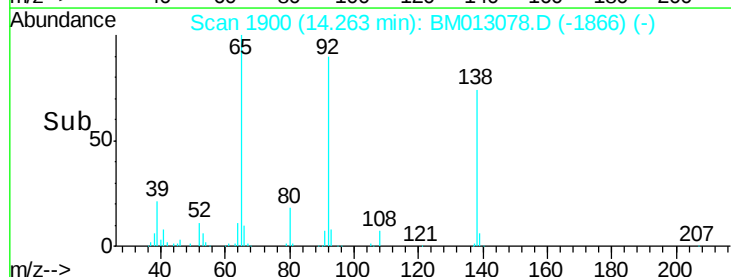
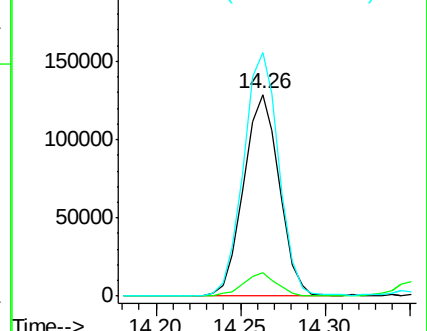
Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.9	14.9
92	120.8	105.0	157.4

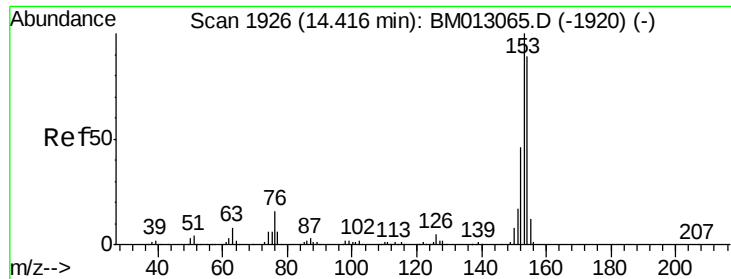


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 18.87 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

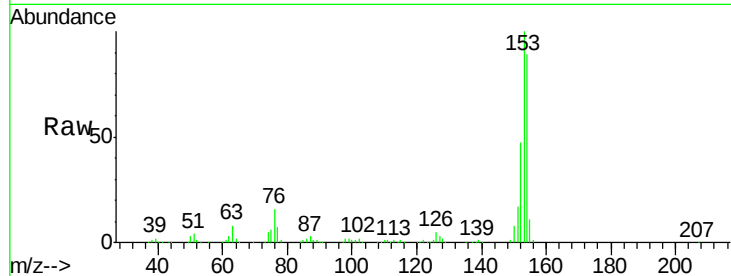
Tot Ion:153 Resp: 779572

Ion Ratio Lower Upper

153 100

152 47.1 37.6 56.4

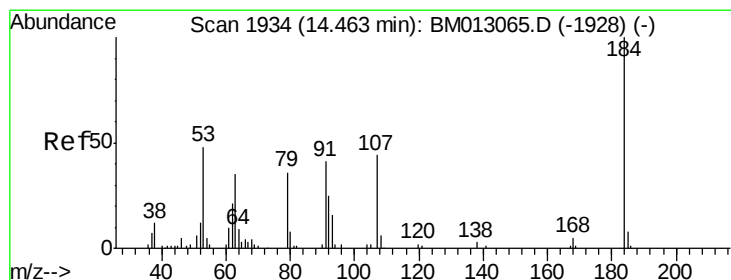
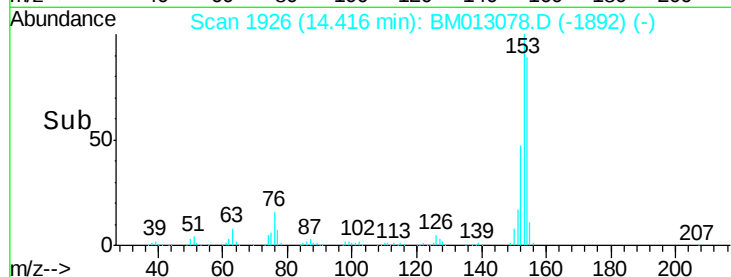
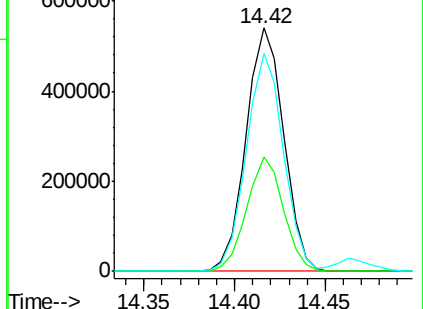
154 89.4 70.4 105.6



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: 18.15 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

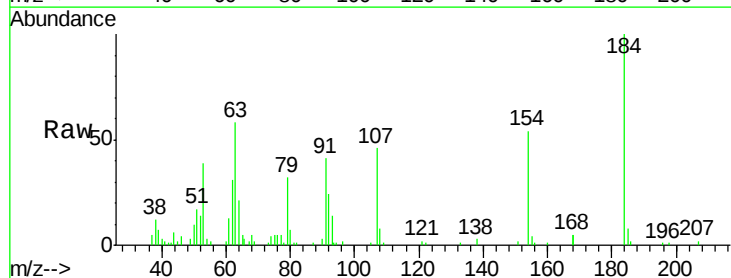
Tgt Ion:184 Resp: 66402

Ion Ratio Lower Upper

184 100

63 58.3 50.1 75.1

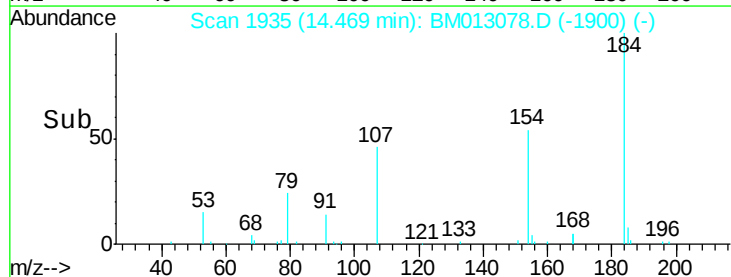
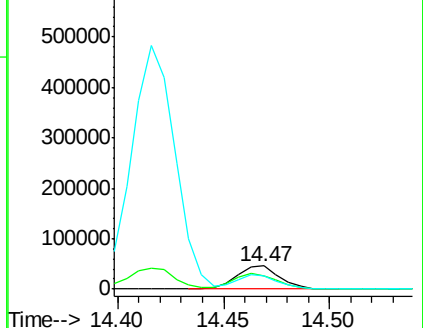
154 54.1 54.5 81.7#

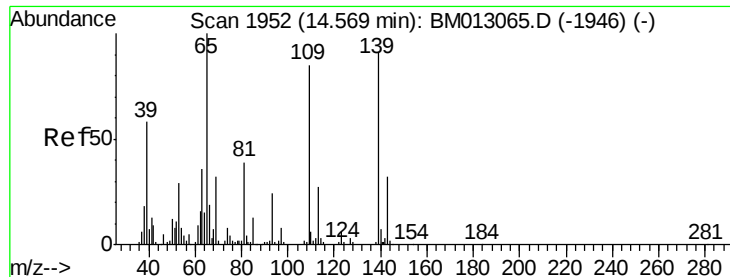


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.73 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

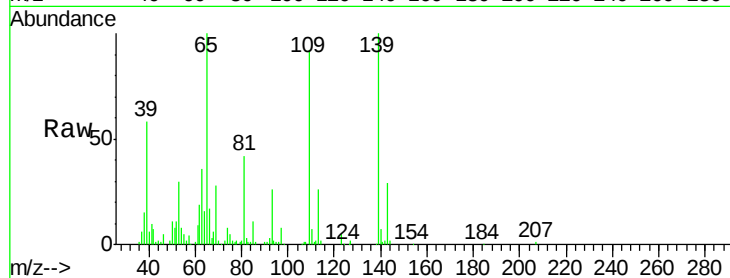
Tot Ion:109 Resp: 149220

Ion Ratio Lower Upper

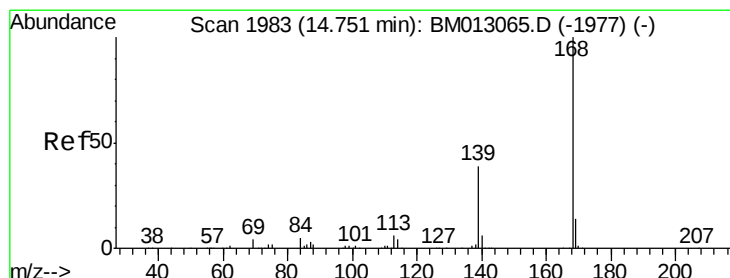
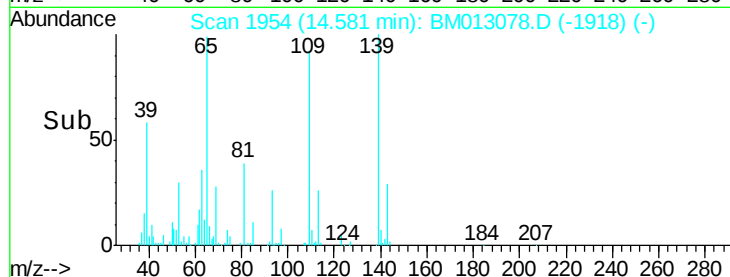
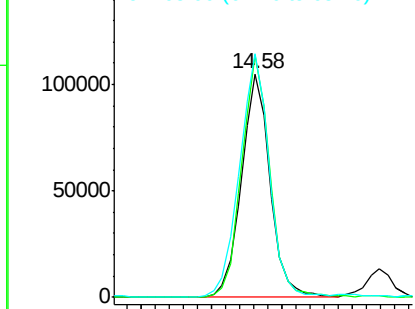
109 100

139 108.6 80.0 120.0

65 108.8 120.0 180.0#



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



#53

Dibenzofuran

Concen: 19.31 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013078.D

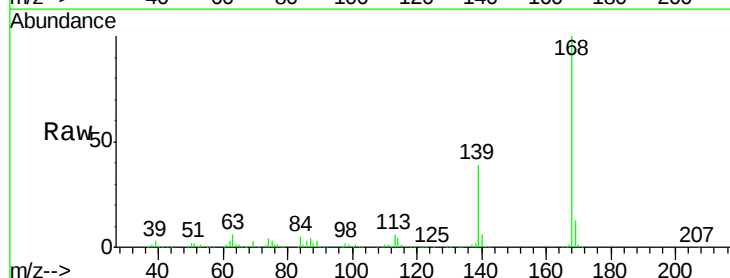
Acq: 22 Nov 2017 10:47

Tgt Ion:168 Resp: 1142742

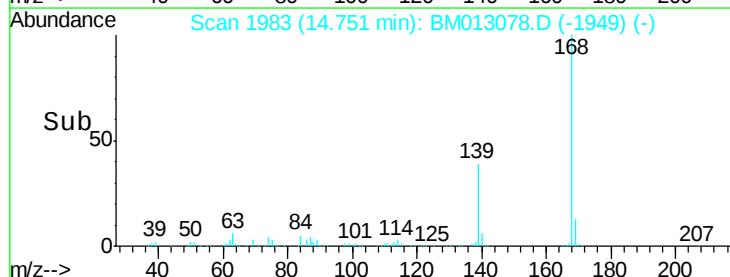
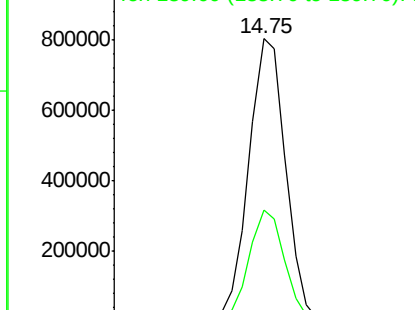
Ion Ratio Lower Upper

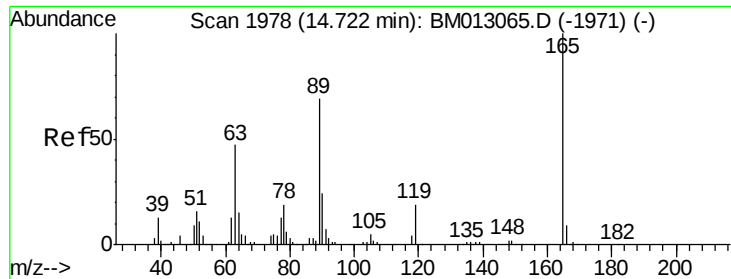
168 100

139 39.4 30.8 46.2



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

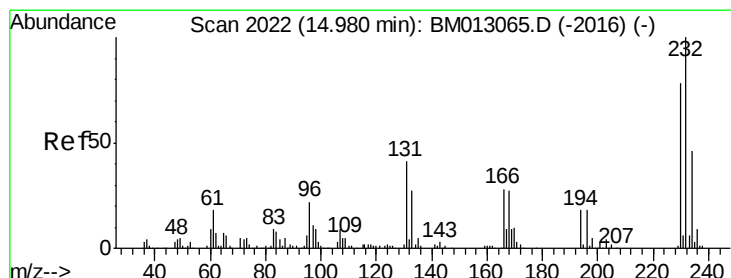
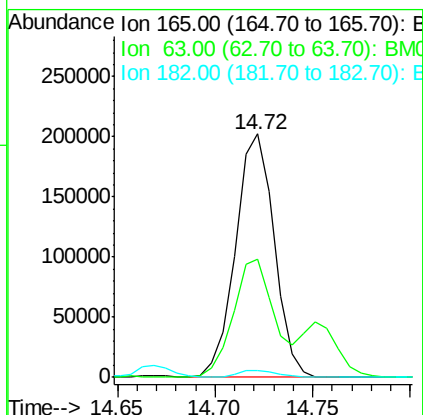
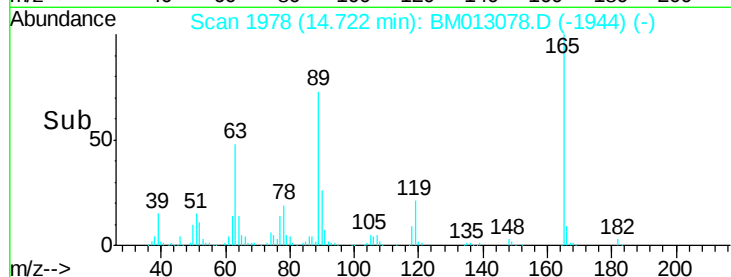
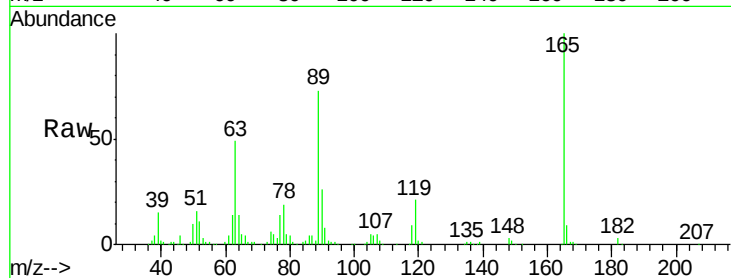




#54
 2,4-Dinitrotoluene
 Concen: 26.01 ng/ul
 RT: 14.72 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

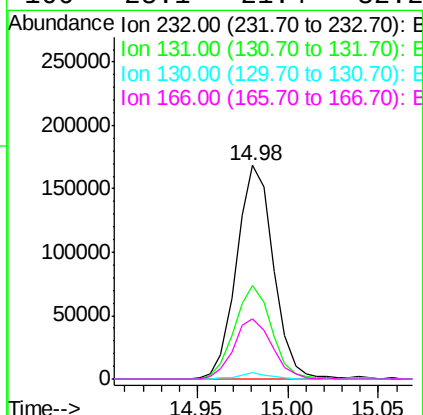
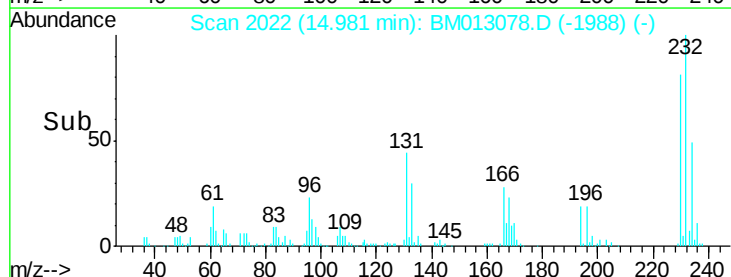
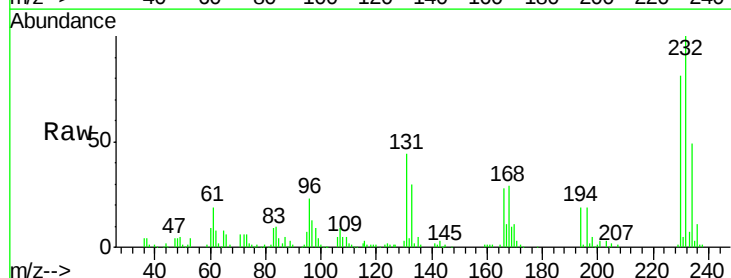
Instrument :
 BNA_M
 ClientSampleID :

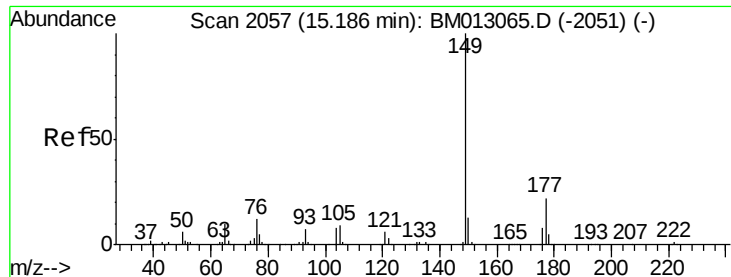
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	45.8	68.8
182	2.6	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.78 ng/ul
 RT: 14.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.8	29.0	43.4
130	3.1	2.0	3.0
166	28.1	21.4	32.2

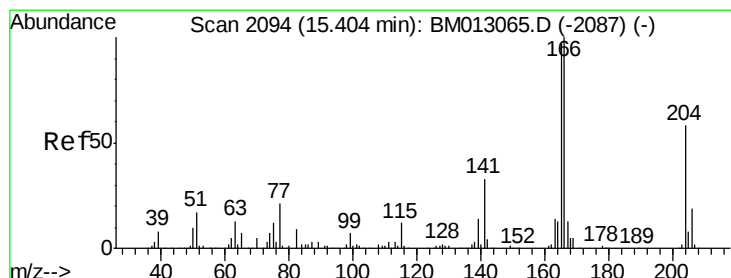
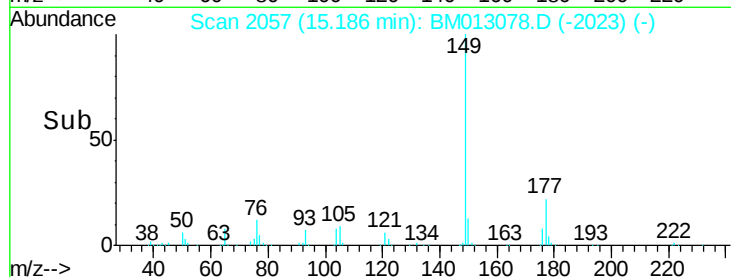
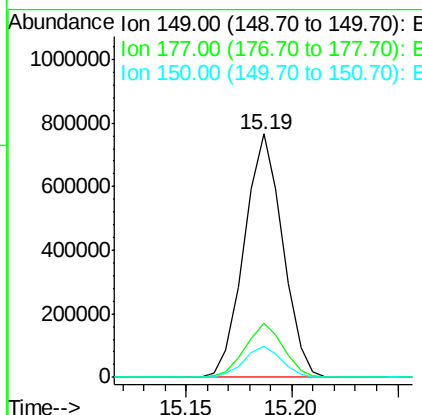
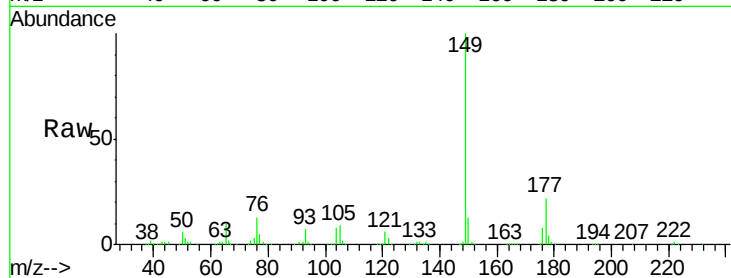




#56
Diethylphthalate
Concen: 19.16 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

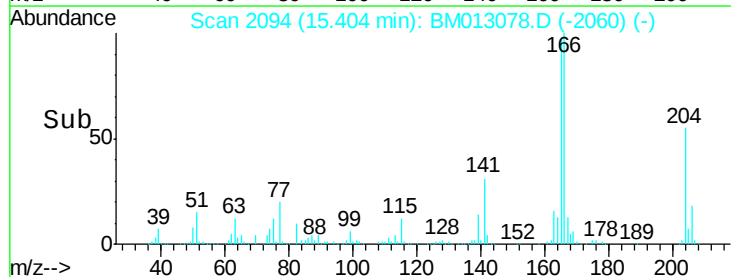
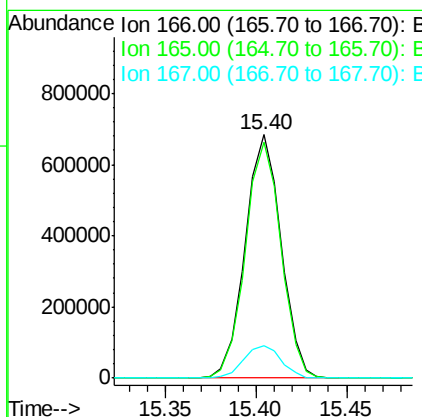
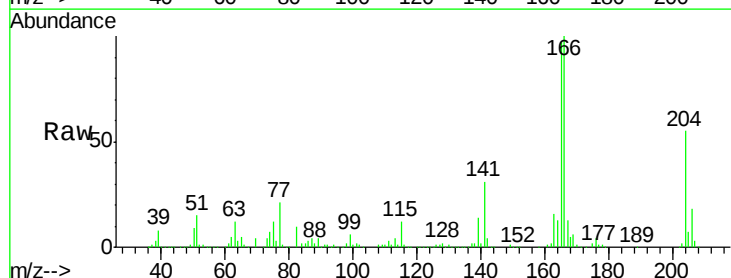
Instrument :
BNA_M
ClientSampled :

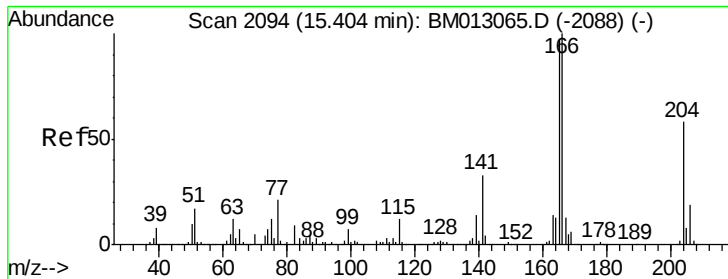
Tot Ion:149 Resp: 970039
Ion Ratio Lower Upper
149 100
177 22.3 20.5 30.7
150 12.8 10.6 15.8



#58
Fluorene
Concen: 19.32 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion:166 Resp: 941181
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.1 10.6 16.0

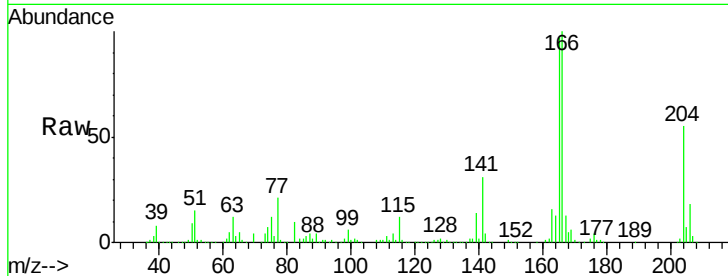




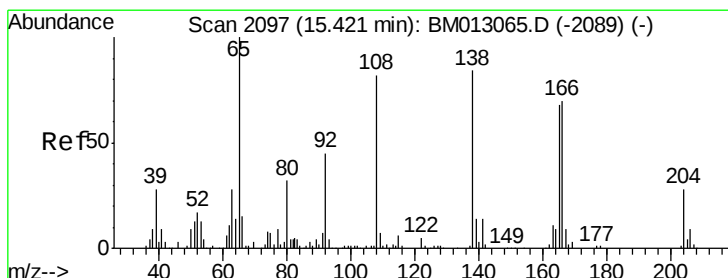
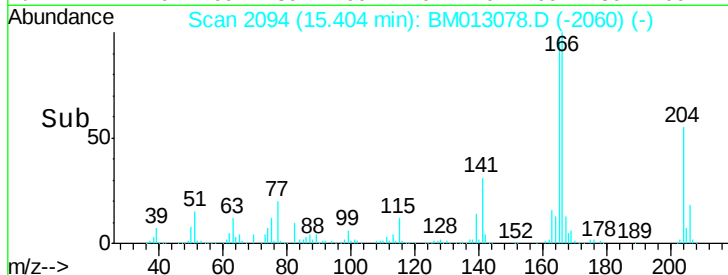
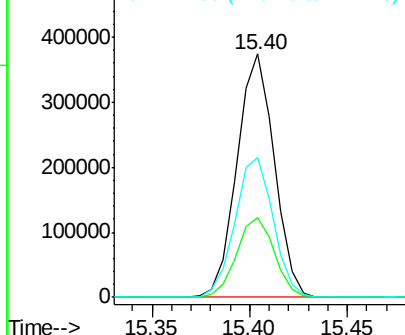
#59
4-Chlorophenyl-phenylether
Concen: 19.30 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 496779
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 57.5 44.3 66.5

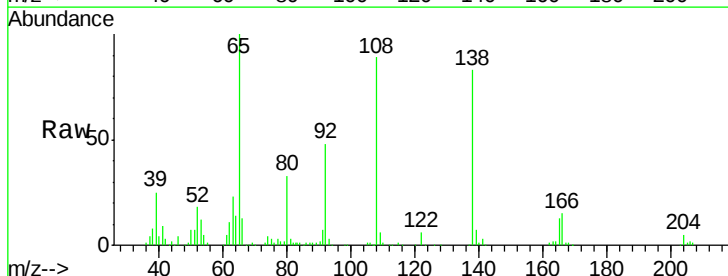


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

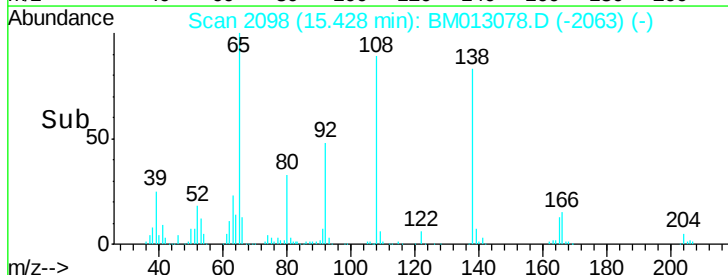
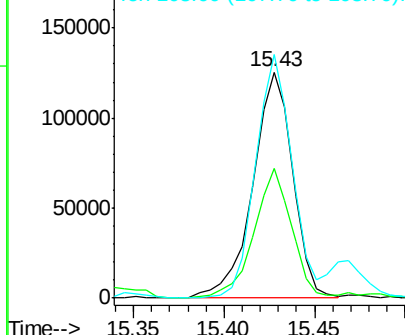


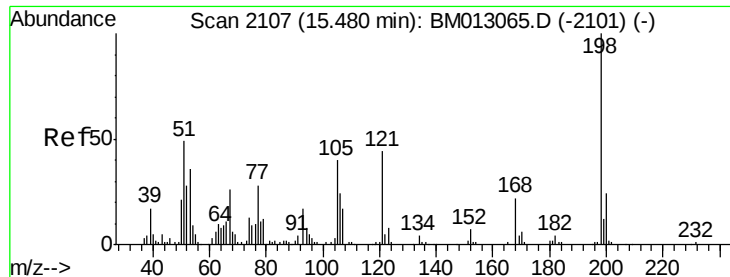
#60
4-Nitroaniline
Concen: 20.45 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion:138 Resp: 192489
Ion Ratio Lower Upper
138 100
92 57.4 40.0 60.0
108 107.8 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

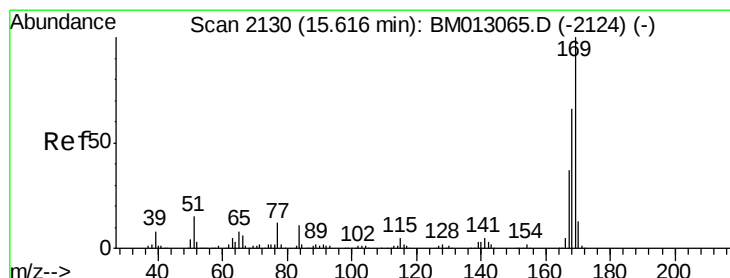
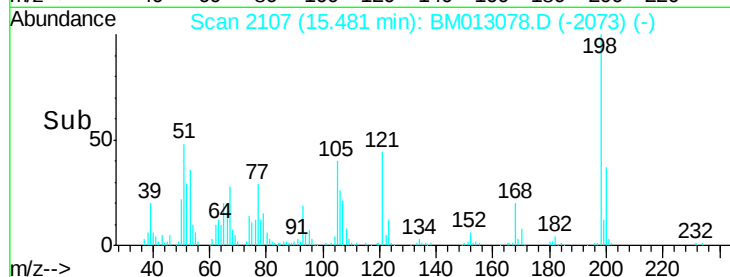
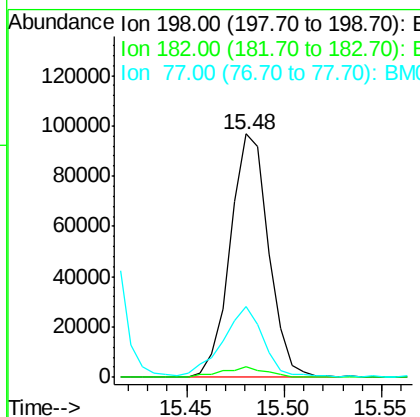
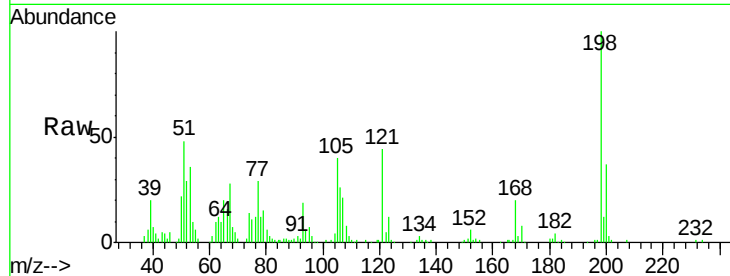




#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.48 ng/ul
 RT: 15.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

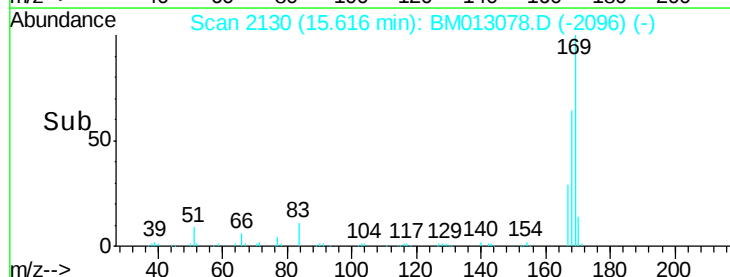
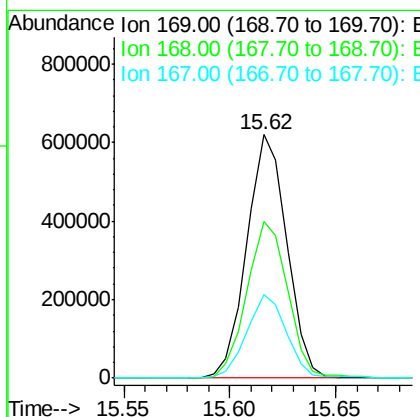
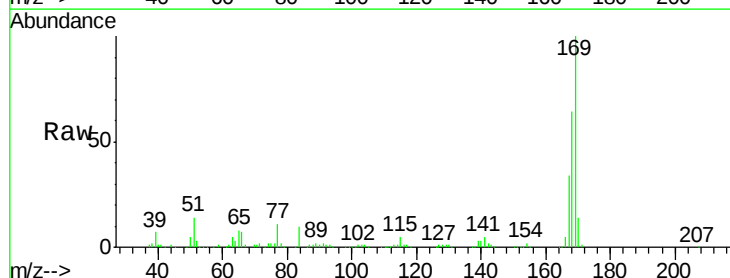
Instrument :
 BNA_M
 ClientSampleId :

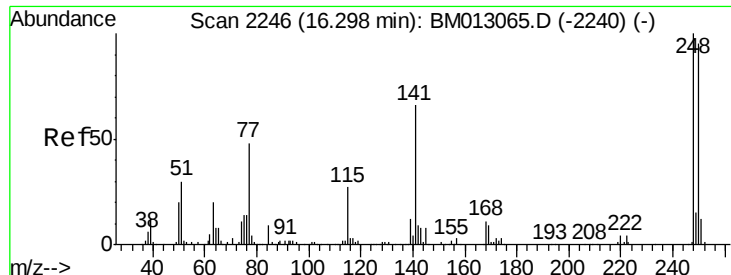
Tot Ion	198	Resp	131671
Ion Ratio	100		
Lower		3.8	
Upper		5.6	
182	4.2		
77	29.0	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.03 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion	169	Resp	815341
Ion Ratio	100		
Lower		54.0	
Upper		81.0	
168	64.5		
167	34.2	29.1	43.7

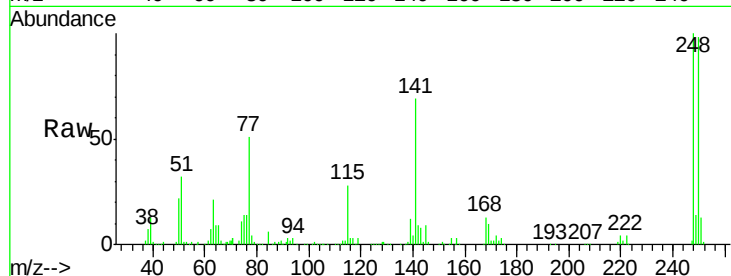




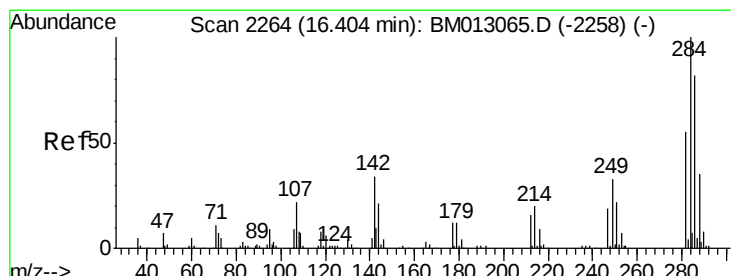
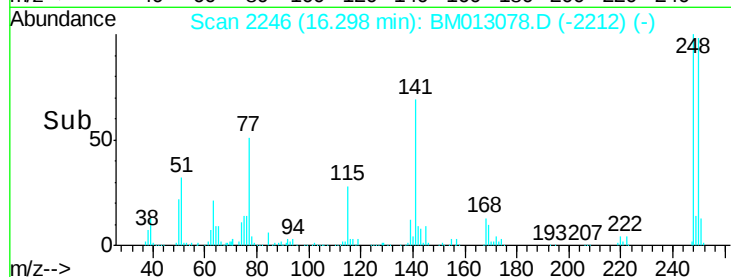
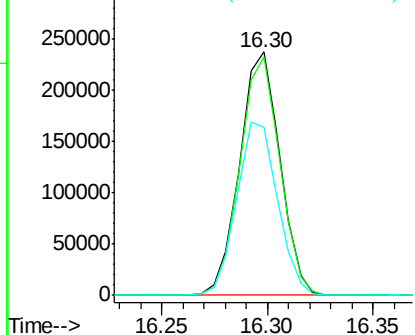
#65
4-Bromophenyl-phenylether
Concen: 19.00 ng/ul
RT: 16.30 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 314080
Ion Ratio Lower Upper
248 100
250 98.1 80.5 120.7
141 69.1 53.6 80.4

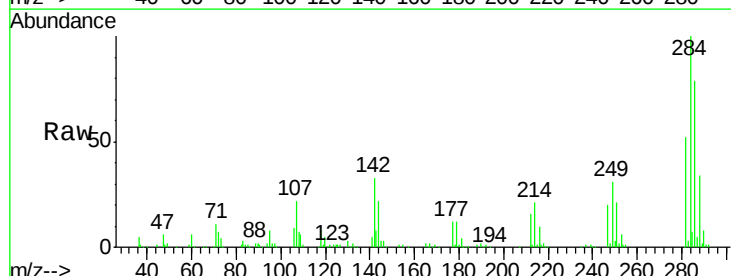


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

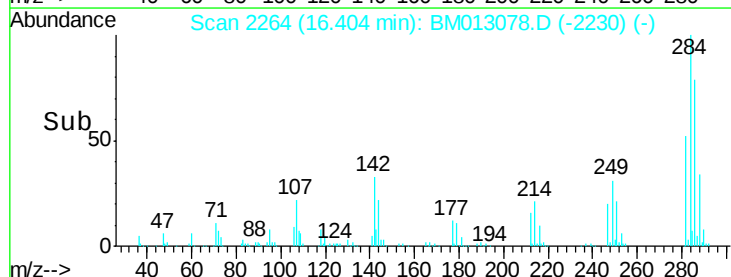
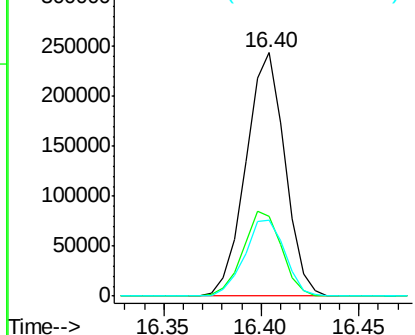


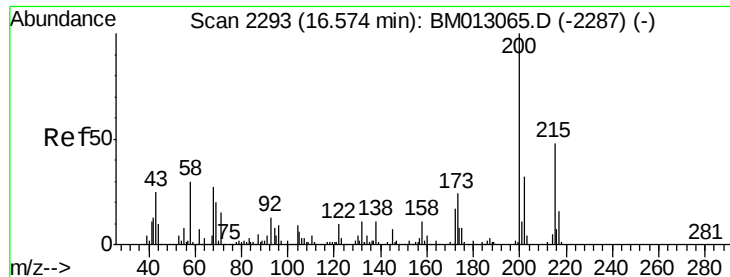
#66
Hexachlorobenzene
Concen: 18.88 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion:284 Resp: 336903
Ion Ratio Lower Upper
284 100
142 32.9 21.2 31.8#
249 31.4 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

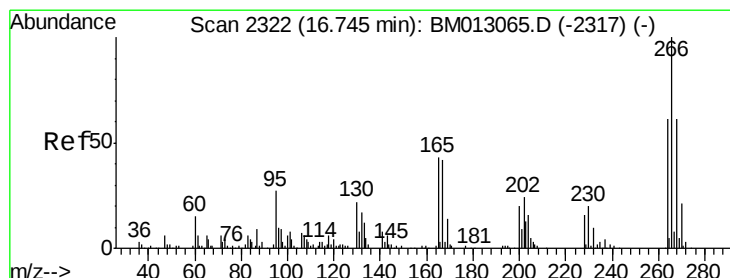
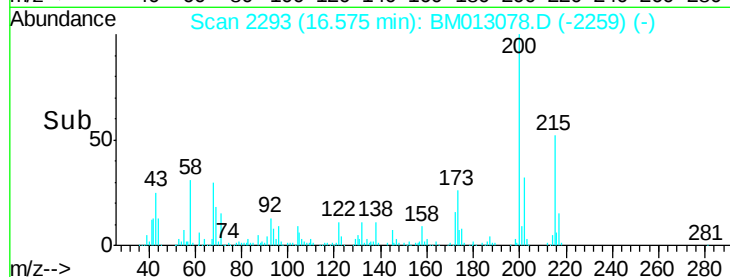
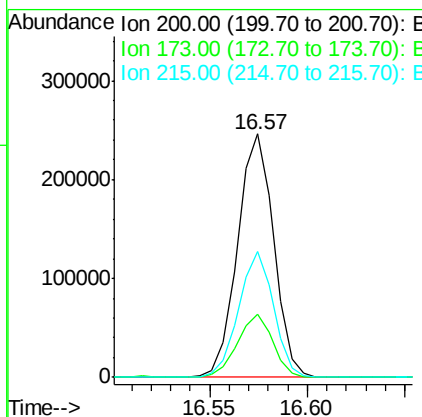
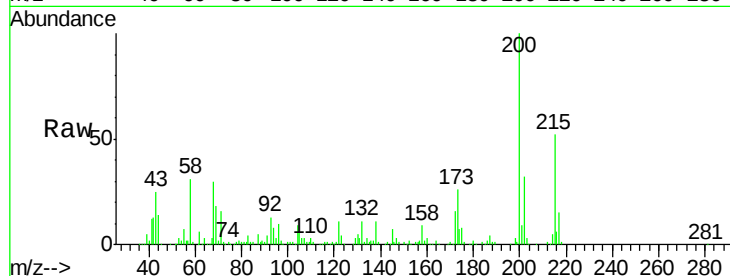




#67
Atrazine
Concen: 19.18 ng/ul
RT: 16.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

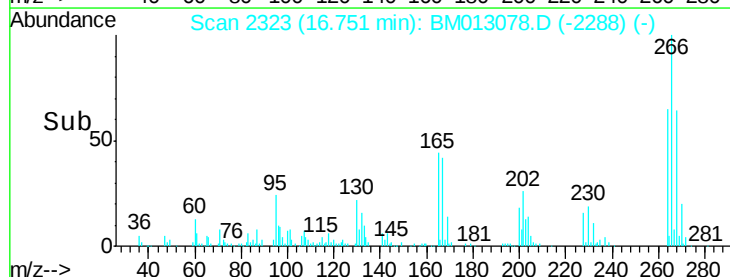
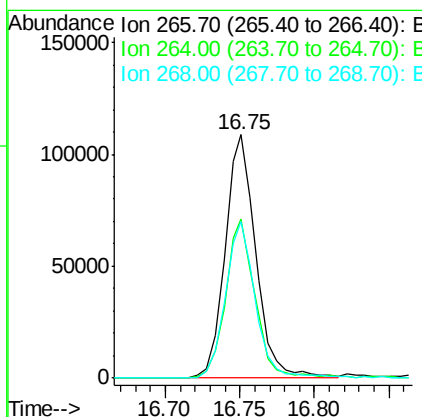
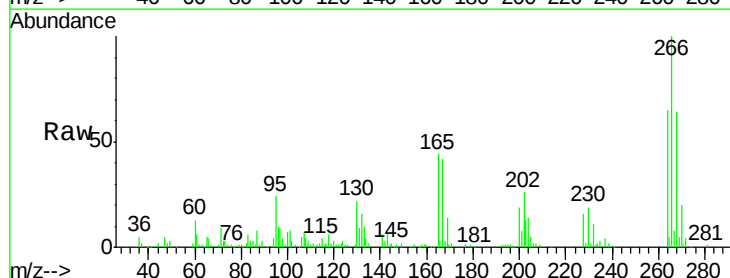
Instrument :
BNA_M
ClientSampleId :

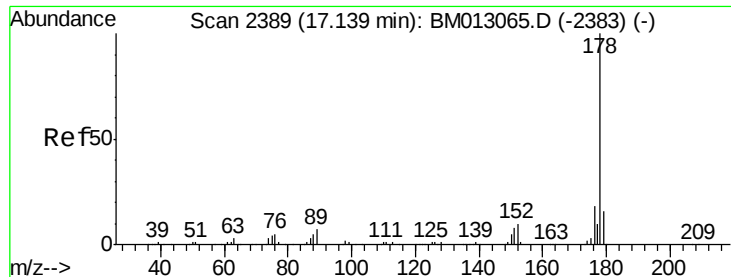
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	18.2	27.2
215	51.7	35.0	52.4



#68
Pentachlorophenol
Concen: 17.07 ng/ul
RT: 16.75 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	49.3	73.9
268	64.1	52.6	78.8





#69

Phenanthrene

Concen: 19.05 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

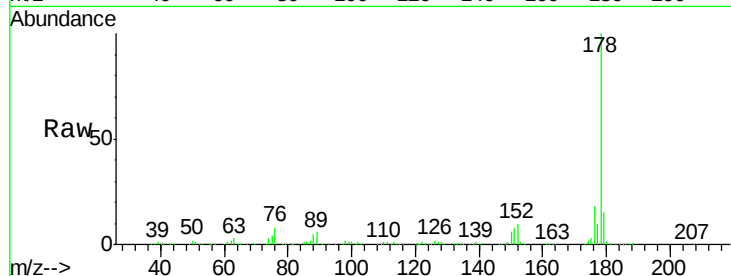
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1463001

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.1	14.9	22.3

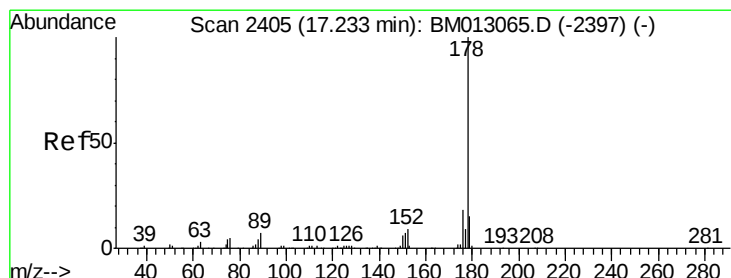
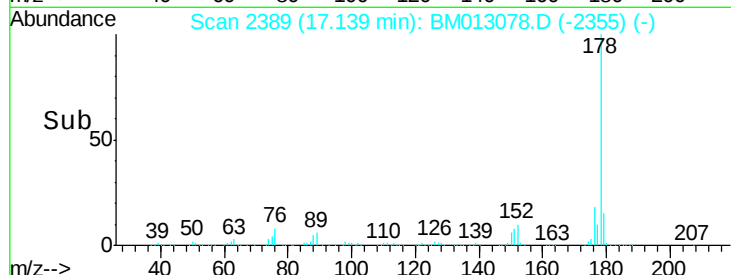
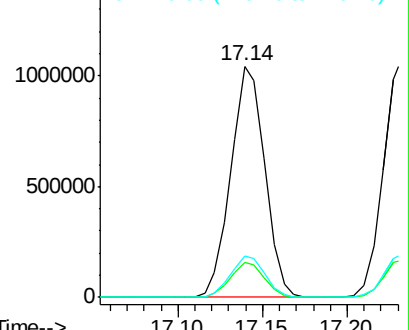


Abundance

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: 18.85 ng/ul

RT: 17.23 min Scan# 2405

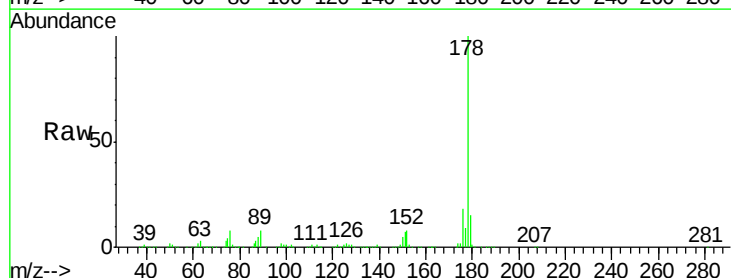
Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Tgt Ion:178 Resp: 1501983

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.0	14.6	21.8

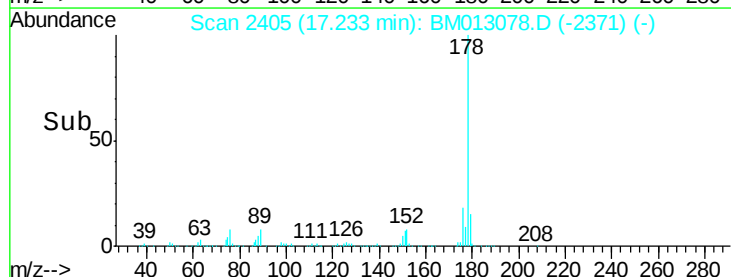
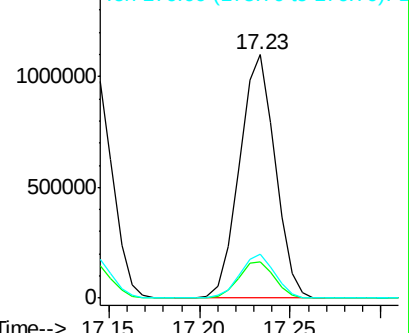


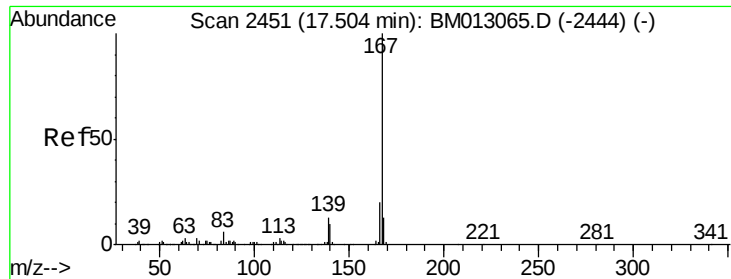
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

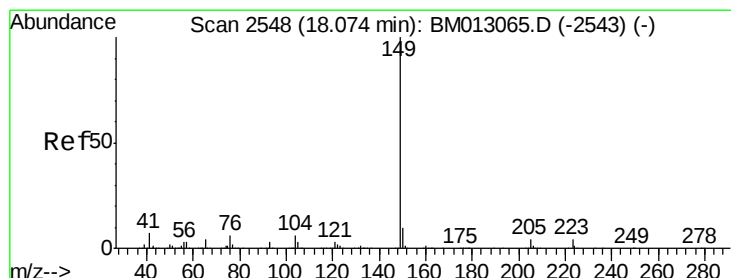
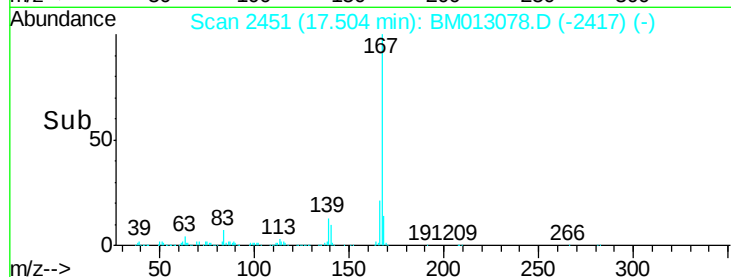
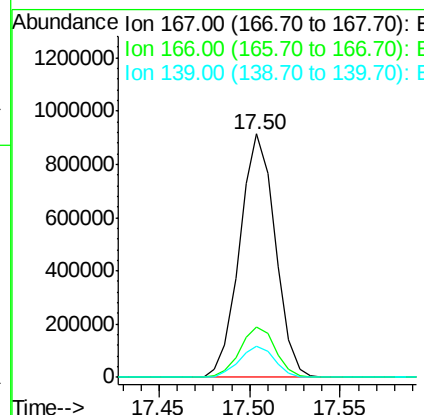
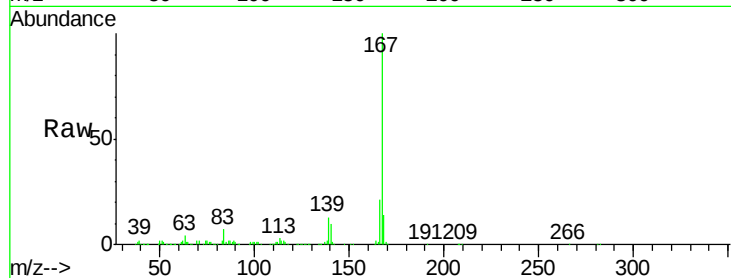




#72
 Carbazole
 Concen: 18.06 ng/ul
 RT: 17.50 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

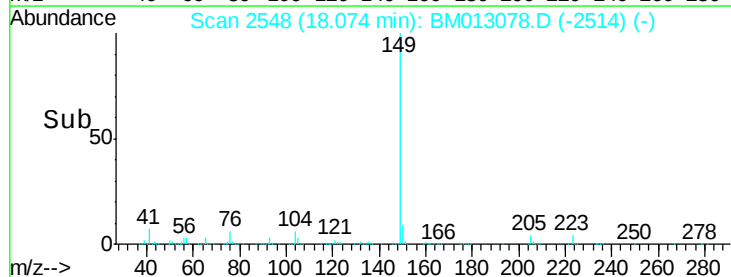
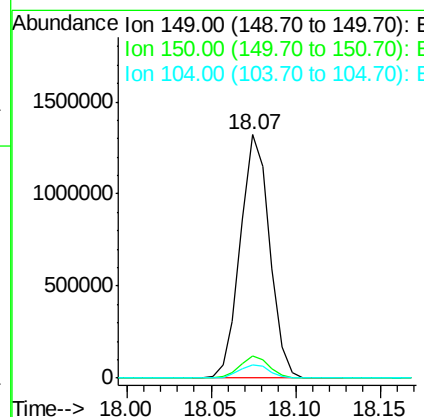
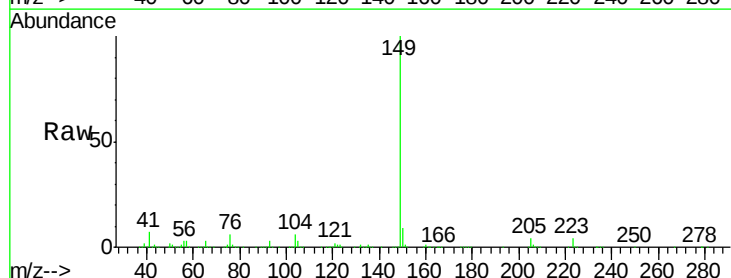
Instrument :
 BNA_M
 ClientSampleId :

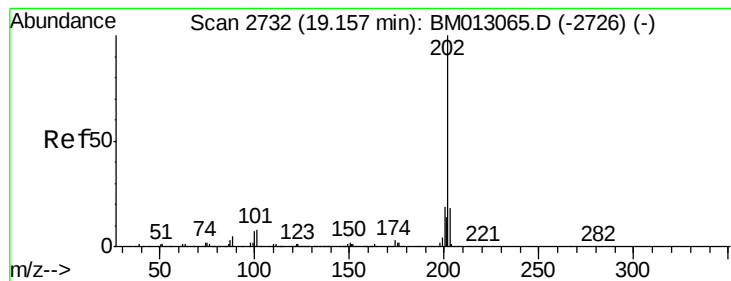
Tot Ion:167 Resp: 1244339
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.1 25.7
 139 12.7 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 18.23 ng/ul
 RT: 18.07 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion:149 Resp: 1599395
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.6 5.6 8.4#





#74

Fluoranthene

Concen: 18.09 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

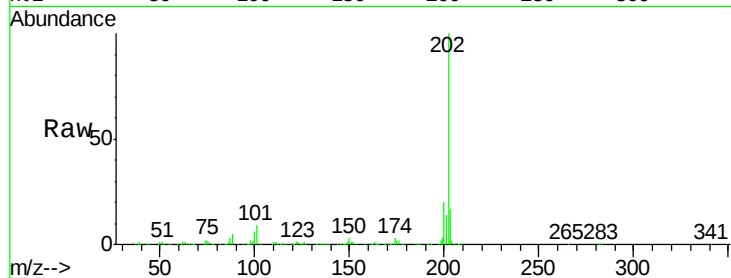
Tot Ion:202 Resp: 1678437

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

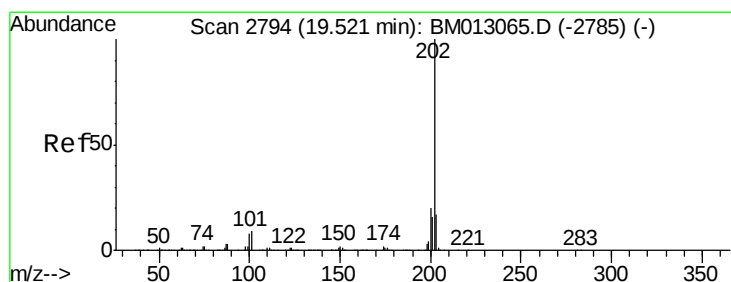
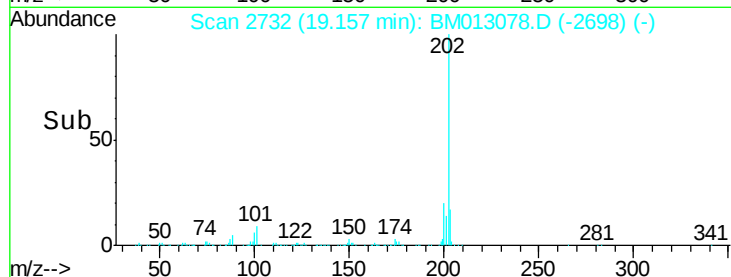
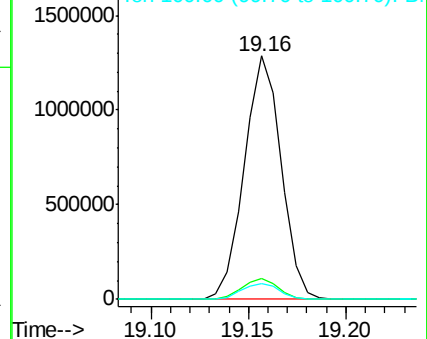
100 6.4 3.4 5.2#



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: 22.64 ng/ul

RT: 19.52 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

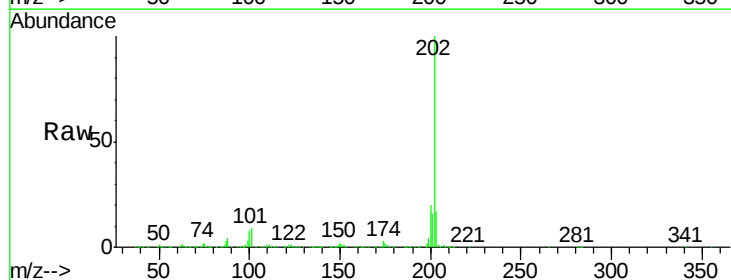
Tgt Ion:202 Resp: 1715115

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

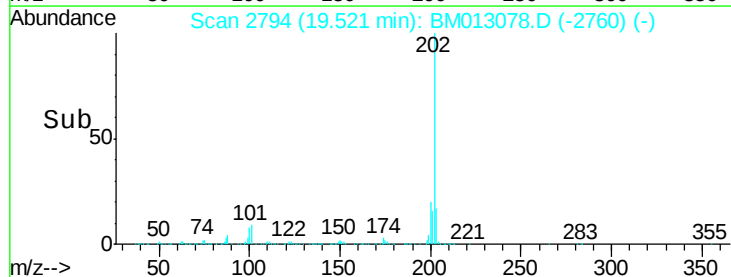
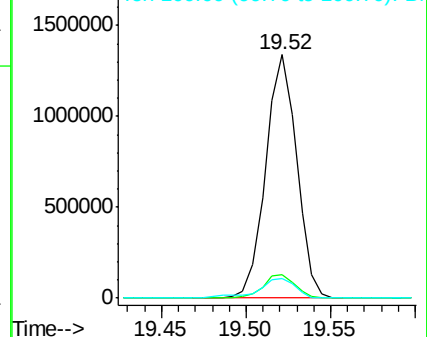
100 8.0 4.9 7.3#

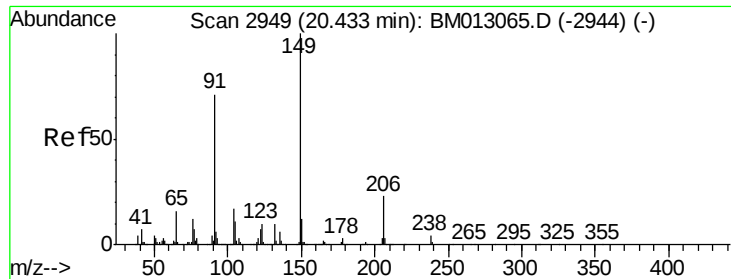


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

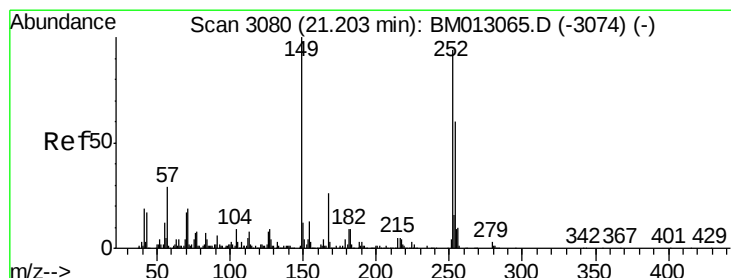
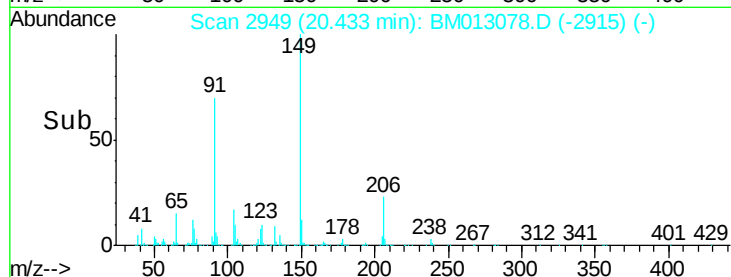
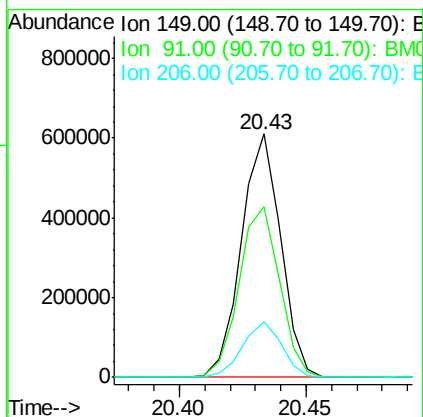
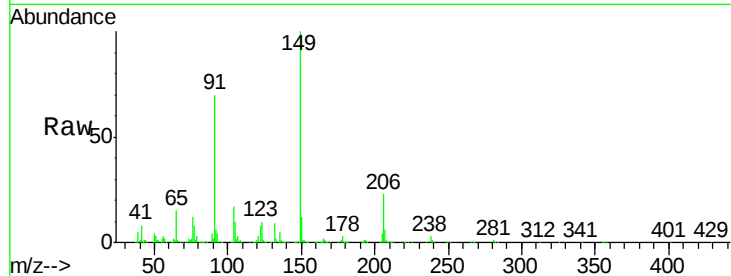




#78
Butylbenzylphthalate
Concen: 20.92 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

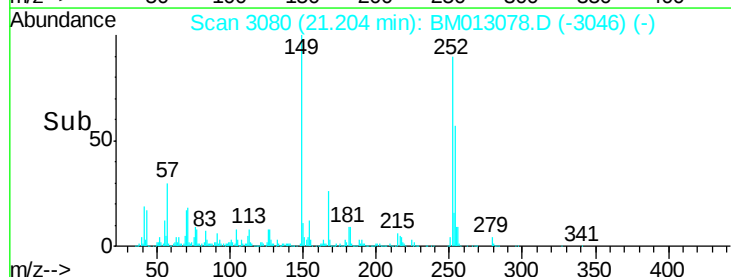
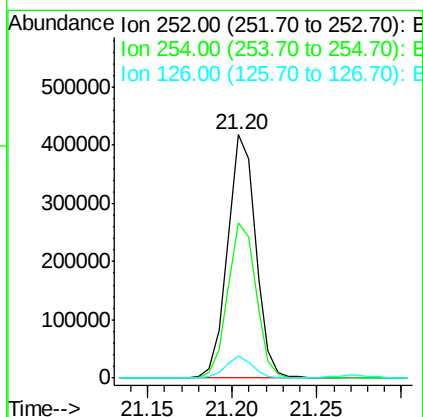
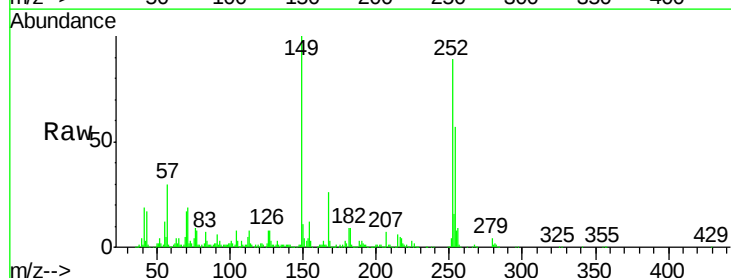
Instrument :
BNA_M
ClientSampleId :

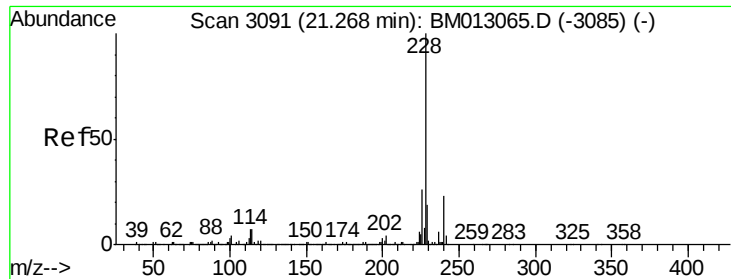
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	62.7	94.1
206	22.7	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 19.26 ng/ul
RT: 21.20 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM013078.D
Acq: 22 Nov 2017 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	54.5	81.7
126	9.0	5.8	8.8





#80

Benzo(a)anthracene

Concen: 19.20 ng/ul

RT: 21.27 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

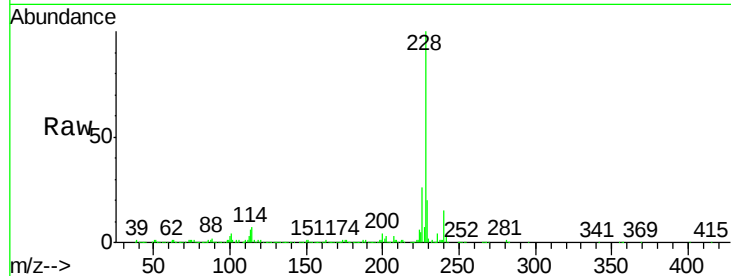
Tot Ion:228 Resp: 1494968

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	25.9	21.4	32.0

228 100

229 20.1 15.4 23.0

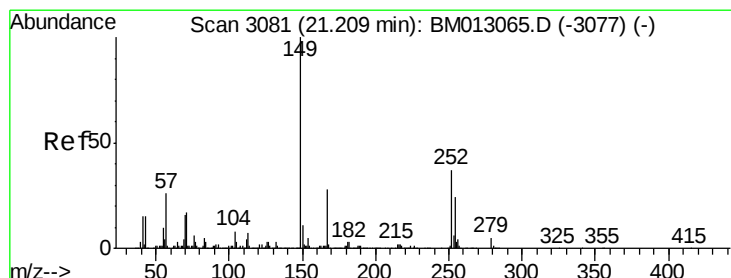
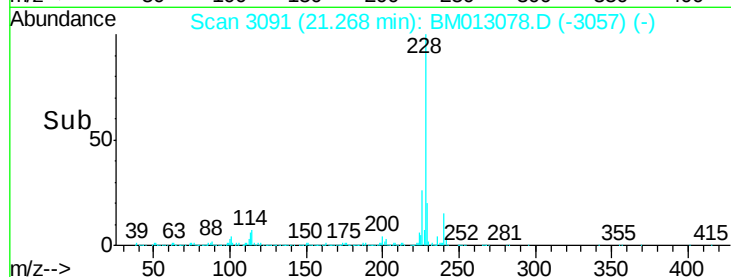
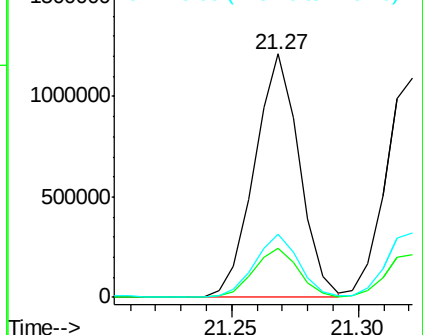
226 25.9 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.24 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

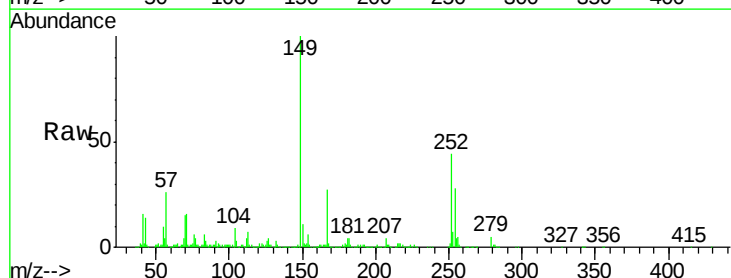
Tgt Ion:149 Resp: 939183

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.8	34.2
279	4.6	4.9	7.3#

149 100

167 27.2 22.8 34.2

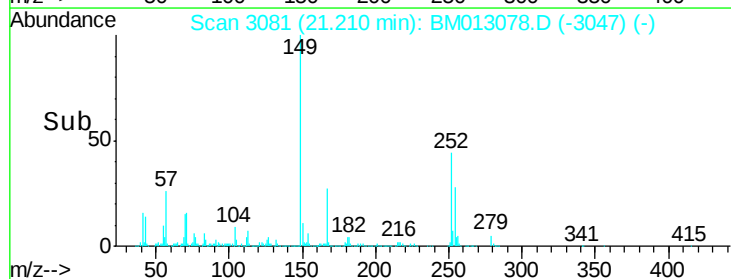
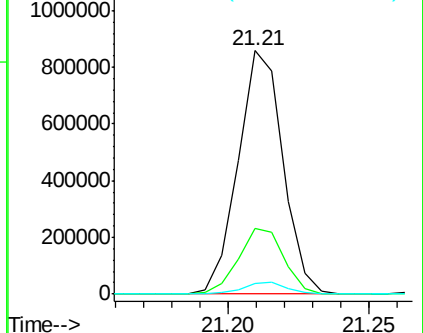
279 4.6 4.9 7.3#

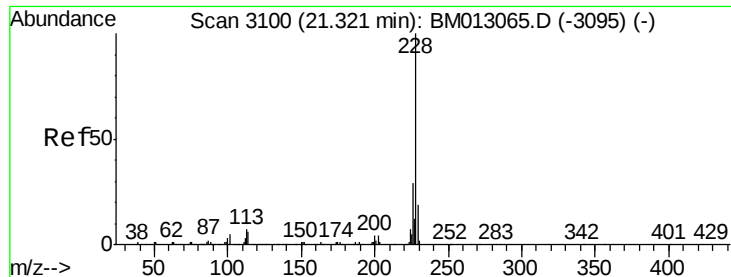


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



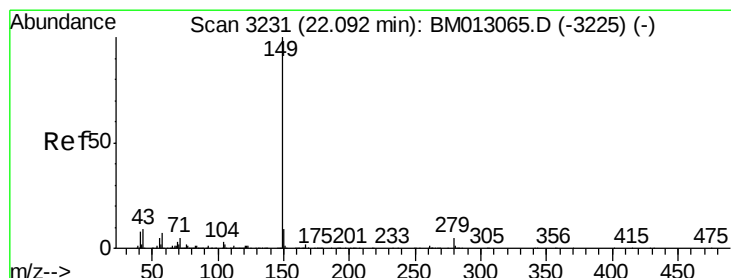
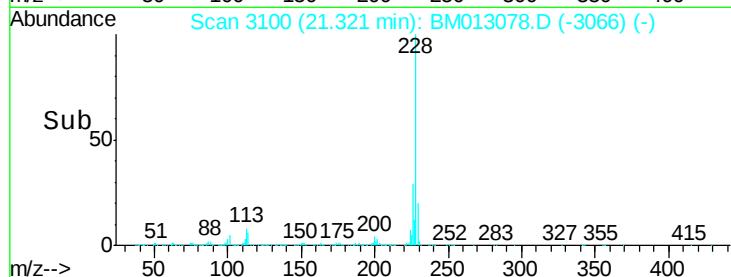
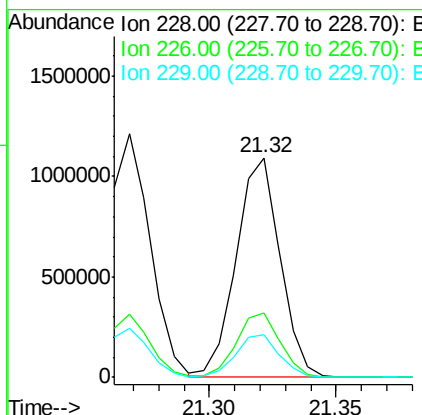
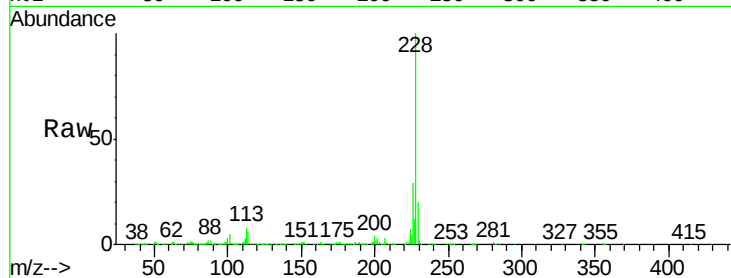


#82
 Chrysene
 Concen: 18.17 ng/ul
 RT: 21.32 min Scan# 3100
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1312373

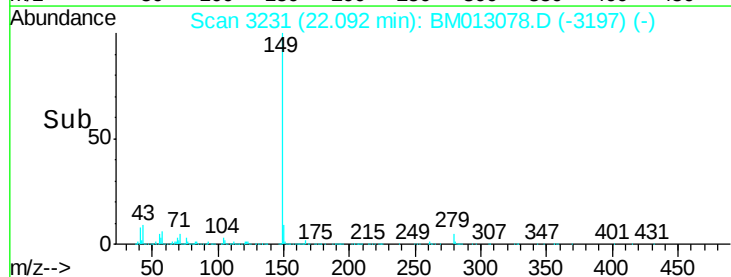
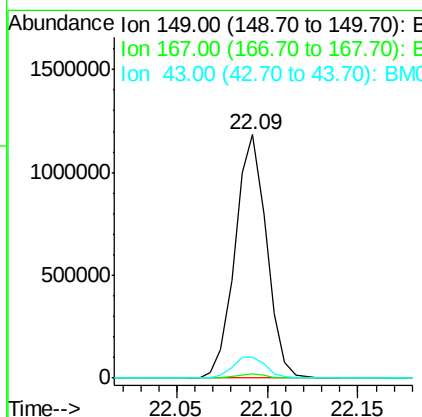
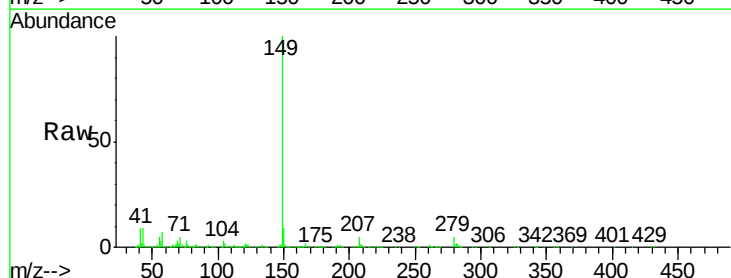
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.7	15.5	23.3

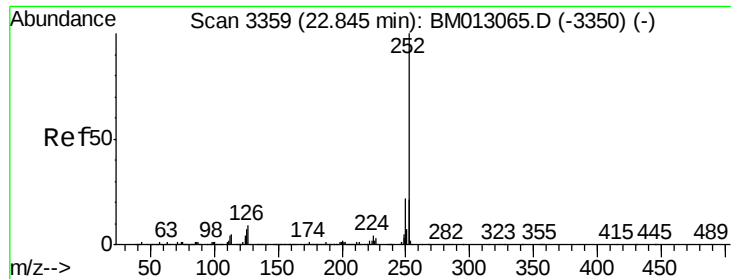


#84
 Di-n-octyl phthalate
 Concen: 21.67 ng/ul
 RT: 22.09 min Scan# 3231
 Delta R.T. 0.00 min
 Lab File: BM013078.D
 Acq: 22 Nov 2017 10:47

Tgt Ion:149 Resp: 1413756

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 21.02 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

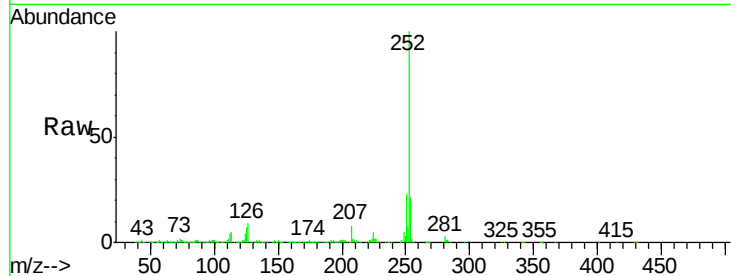
Tot Ion:252 Resp: 1345229

Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

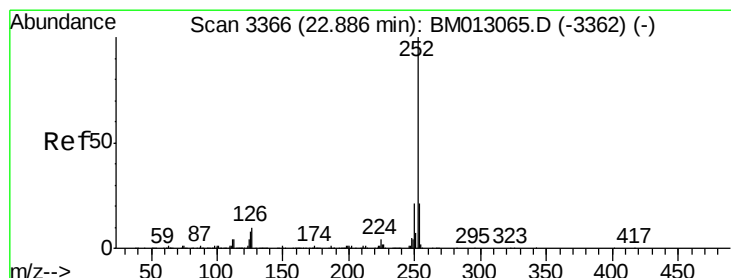
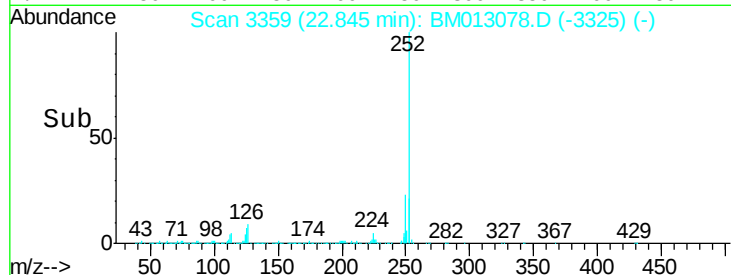
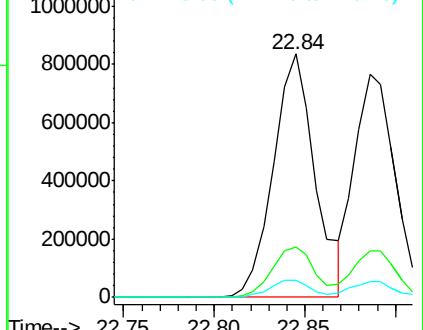
125 6.8 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.08 ng/ul

RT: 22.89 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

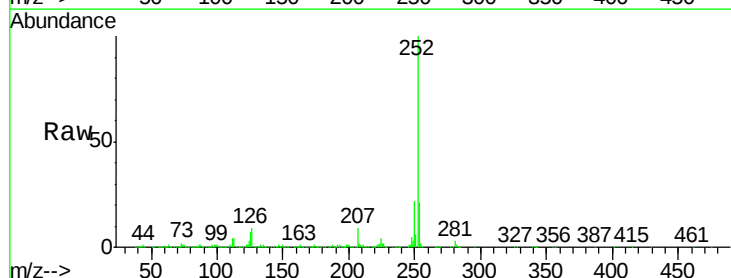
Tgt Ion:252 Resp: 1183013

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

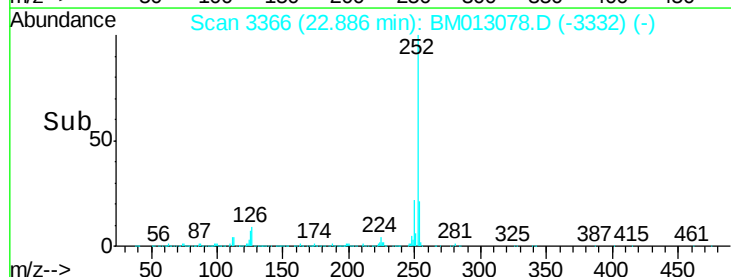
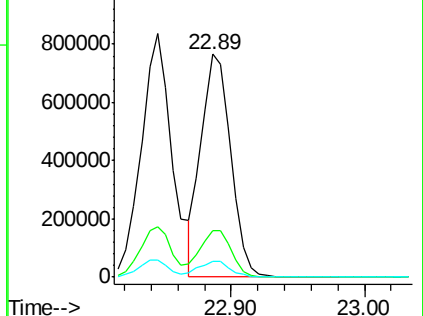
125 6.9 3.4 5.2#

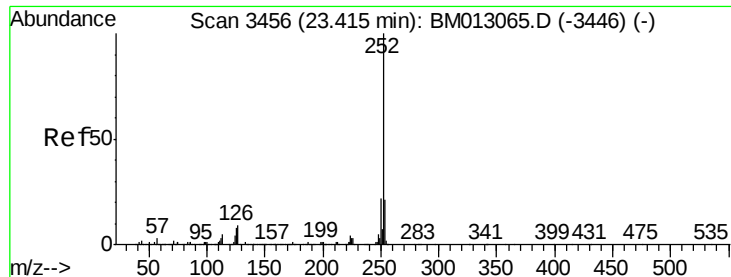


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.75 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampleId :

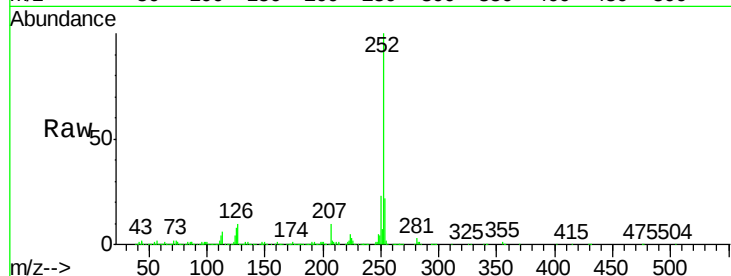
Tot Ion:252 Resp: 1176934

Ion Ratio Lower Upper

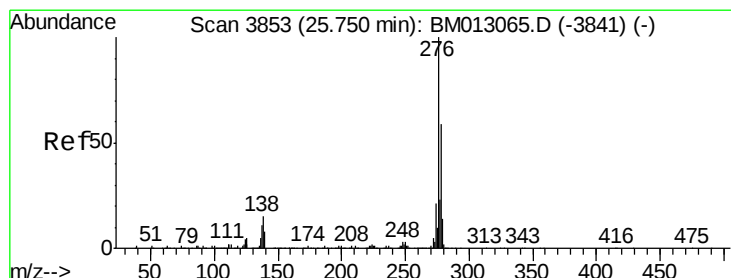
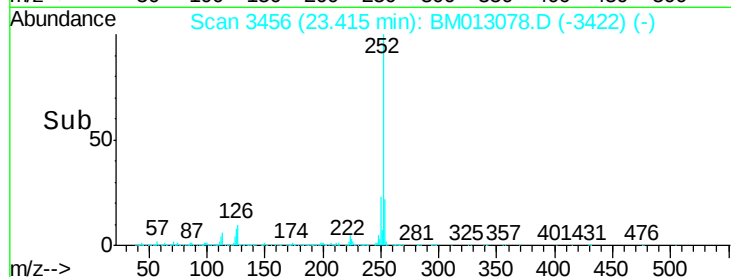
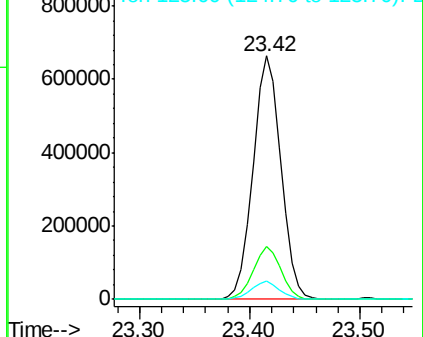
252 100

253 21.7 18.2 27.2

125 7.6 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: 17.98 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

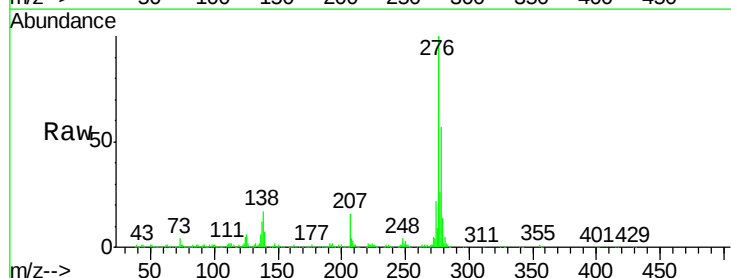
Tgt Ion:276 Resp: 1251511

Ion Ratio Lower Upper

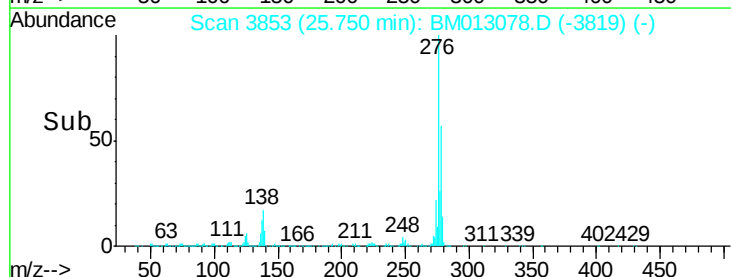
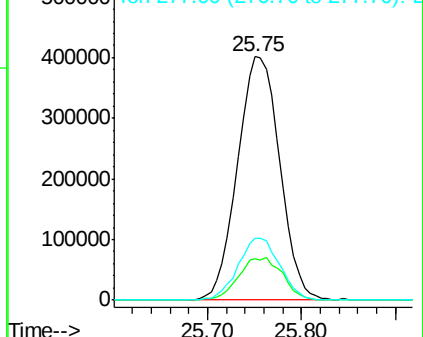
276 100

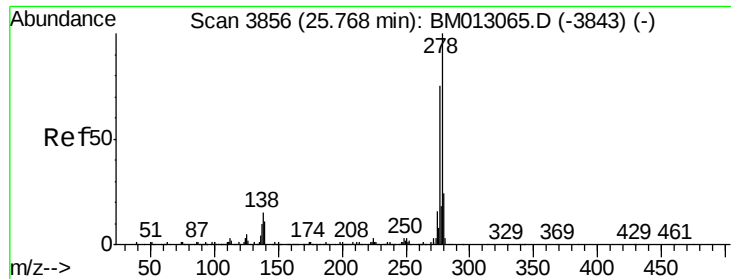
138 17.0 9.3 13.9#

277 25.6 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: 17.96 ng/ul

RT: 25.77 min Scan# 3856

Delta R.T. 0.00 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

Instrument :

BNA_M

ClientSampled :

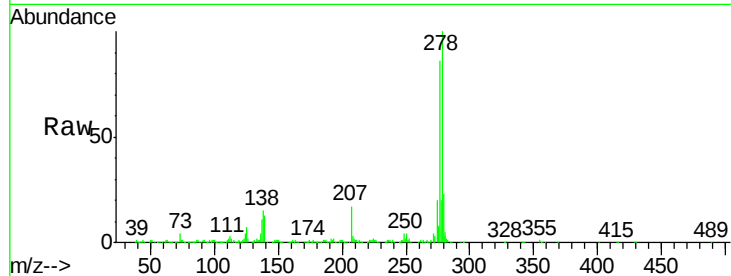
Tot Ion:278 Resp: 1058776

Ion Ratio Lower Upper

278 100

139 13.1 5.8 8.8#

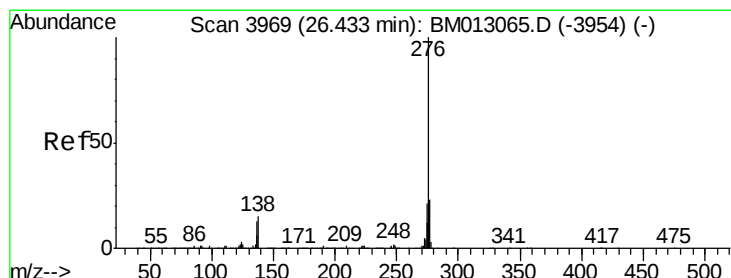
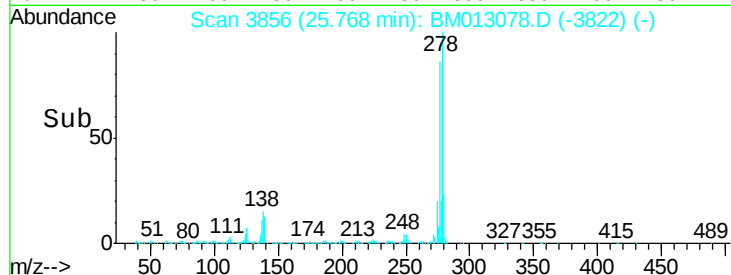
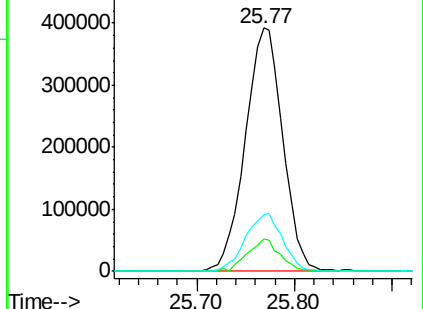
279 23.2 18.6 27.8



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: 17.64 ng/ul

RT: 26.44 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BM013078.D

Acq: 22 Nov 2017 10:47

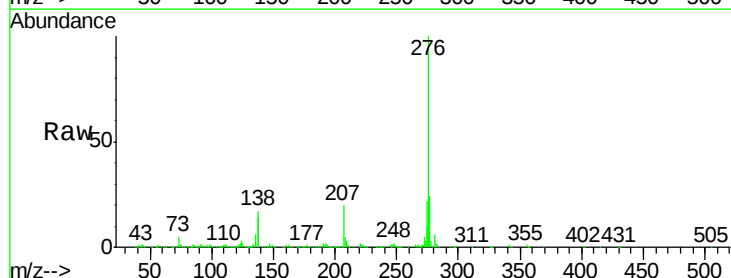
Tgt Ion:276 Resp: 1020006

Ion Ratio Lower Upper

276 100

138 16.9 8.5 12.7#

277 24.2 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

