

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012131.D
 Acq On : 13 Oct 2017 11:30
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 13 18:49:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	199164	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	835571	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	511898	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1217886	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1649774	20.00	ng/ul	0.03
83) Perylene-d12	23.77	264	1406043	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	29553	7.05	ng/uL	0.00
5) Phenol-d5	7.02	99	312750	19.35	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	184883	19.08	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	272411	19.87	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	273890	19.69	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	135800	21.30	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	160756	21.58	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	295462	20.77	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	301463	22.64	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	905687	20.02	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1088767	19.88	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	140715	20.69	ng/ul	0.05
57) Fluorene-d10	15.50	176	734756	19.79	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	132832	15.89	ng/ul	0.05
70) Anthracene-d10	17.35	188	1195656	19.85	ng/ul	0.03
76) Pyrene-d10	19.64	212	1389364	16.59	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.62	264	1364035	20.12	ng/ul	0.05

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	30168	7.055	ng/uL#	73
4) Benzaldehyde	6.99	77	211768	19.612	ng/ul	92
6) Phenol	7.05	94	322149	19.285	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	244197	19.182	ng/ul	97
10) 2-Chlorophenol	7.41	128	278454	19.905	ng/ul	97
11) 2-Methylphenol	8.30	108	247907	19.732	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	292543	18.098	ng/ul#	88
14) Acetophenone	8.67	105	423048	20.008	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.66	70	222523	19.637	ng/ul#	72
16) 4-Methylphenol	8.63	108	273912	19.784	ng/ul	95
17) Hexachloroethane	8.92	117	116147	19.676	ng/ul	81
20) Nitrobenzene	9.06	77	322040	20.327	ng/ul	92
21) Isophorone	9.59	82	600820	20.299	ng/ul#	94
23) 2-Nitrophenol	9.77	139	170443	21.332	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	324417	20.147	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.06	93	343478	19.791	ng/ul	97
27) 2,4-Dichlorophenol	10.32	162	281808	20.111	ng/ul	91
28) Naphthalene	10.70	128	843045	19.501	ng/ul	99
30) 4-Chloroaniline	10.82	127	298350	22.789	ng/ul	97
31) Hexachlorobutadiene	10.97	225	213670	20.574	ng/ul	96
32) Caprolactam	11.63	113	96200	21.746	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.96	107	298379	20.324	ng/ul	94
34) 2-Methylnaphthalene	12.32	142	629097	19.284	ng/ul	97

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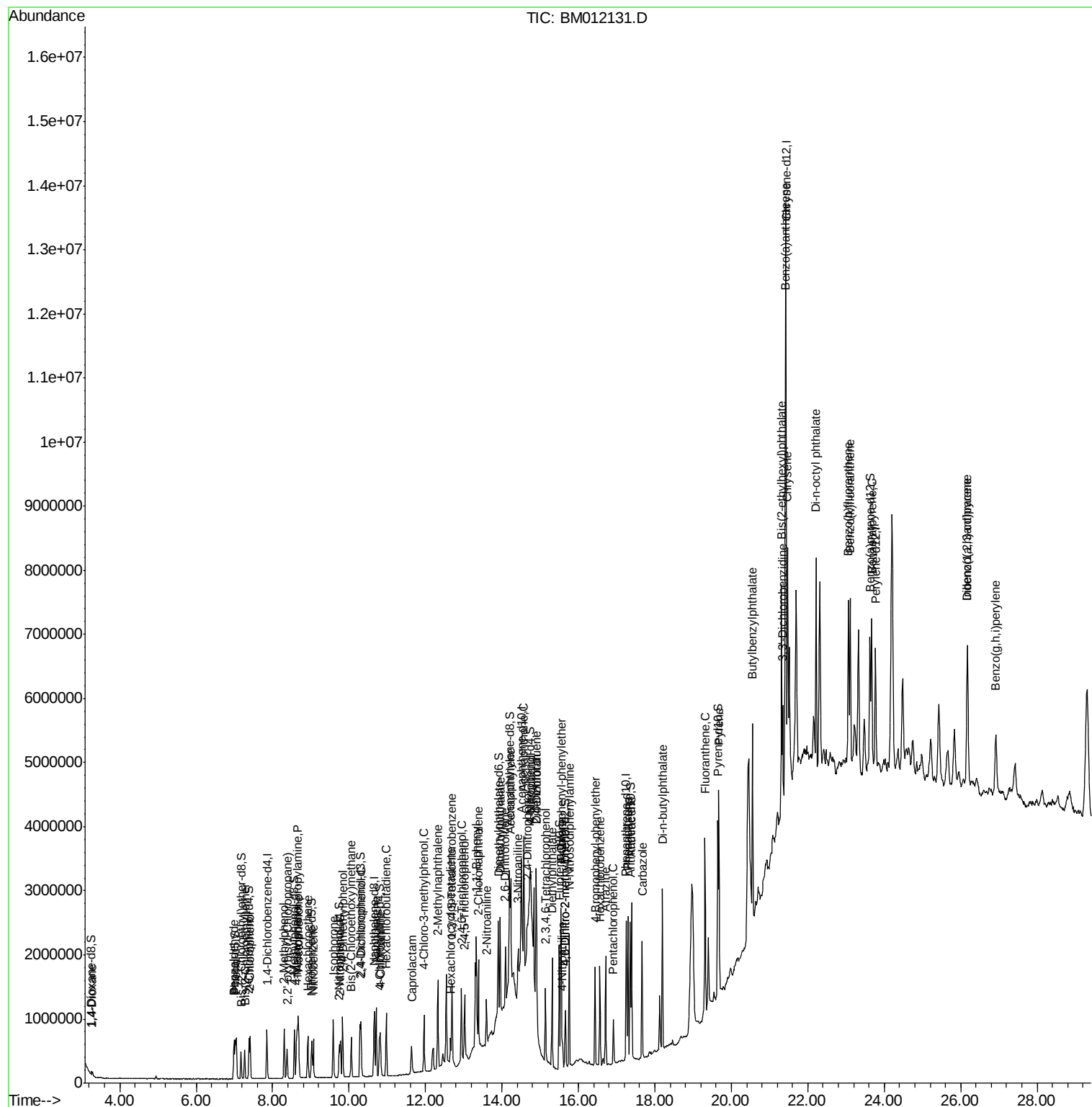
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	368283	19.819	ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	101093	12.206	ng/ul	98
38) 2,4,6-Trichlorophenol	12.94	196	249647	20.263	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	260223	20.523	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	826219	19.124	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	651160	19.209	ng/ul	98
42) 2-Nitroaniline	13.59	65	197533	20.943	ng/ul	89
44) Dimethylphthalate	13.95	163	895194	19.749	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	188126	20.909	ng/ul#	88
47) Acenaphthylene	14.23	152	1048194	19.491	ng/ul	99
48) 3-Nitroaniline	14.42	138	156514	22.359	ng/ul#	78
49) Acenaphthene	14.57	153	715603	19.755	ng/ul	99
50) 2,4-Dinitrophenol	14.66	184	70239	13.748	ng/ul	93
52) 4-Nitrophenol	14.75	109	174459	28.540	ng/ul#	72
53) Dibenzofuran	14.90	168	1025485	19.661	ng/ul	99
54) 2,4-Dinitrotoluene	14.89	165	274212	21.029	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.14	232	232170	20.009	ng/ul	90
56) Diethylphthalate	15.31	149	929766	18.976	ng/ul	95
58) Fluorene	15.55	166	848945	19.598	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	456357	20.054	ng/ul	98
60) 4-Nitroaniline	15.59	138	153092	17.712	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.66	198	140940	15.973	ng/ul	95
64) N-Nitrosodiphenylamine	15.76	169	742105	19.467	ng/ul	98
65) 4-Bromophenyl-phenylether	16.43	248	295715	20.284	ng/ul	96
66) Hexachlorobenzene	16.56	284	319027	19.317	ng/ul#	89
67) Atrazine	16.71	200	321871	20.193	ng/ul	93
68) Pentachlorophenol	16.91	266	138077	14.990	ng/ul	97
69) Phenanthrene	17.30	178	1351839	19.512	ng/ul	98
71) Anthracene	17.39	178	1412868	19.698	ng/ul	99
72) Carbazole	17.66	167	1197619	19.729	ng/ul	99
73) Di-n-butylphthalate	18.20	149	1671344	19.831	ng/ul#	98
74) Fluoranthene	19.31	202	1693519	20.255	ng/ul#	92
77) Pyrene	19.67	202	1773953	16.282	ng/ul#	91
78) Butylbenzylphthalate	20.55	149	808706	16.674	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.34	252	479979	14.619	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	2132557	19.866	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	1220567	16.772	ng/ul	99
82) Chrysene	21.47	228	1799418	17.854	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2115109	20.576	ng/ul#	85
85) Benzo(b)fluoranthene	23.06	252	1873462	20.418	ng/ul#	96
86) Benzo(k)fluoranthene	23.11	252	1774204	20.065	ng/ul#	95
88) Benzo(a)pyrene	23.67	252	1735574	20.069	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.17	276	1637516	17.831	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.17	278	1364882	17.679	ng/ul#	94
91) Benzo(g,h,i)perylene	26.92	276	1311673	17.438	ng/ul#	92

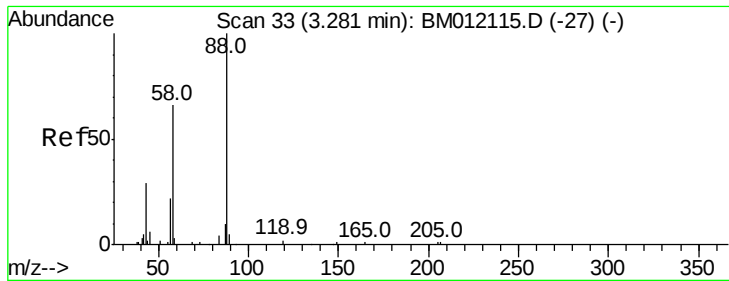
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDCCC020
Misc :
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Instrument :
BNA_M
ClientSampled :

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#2

1,4-Dioxane

Concen: 7.055 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

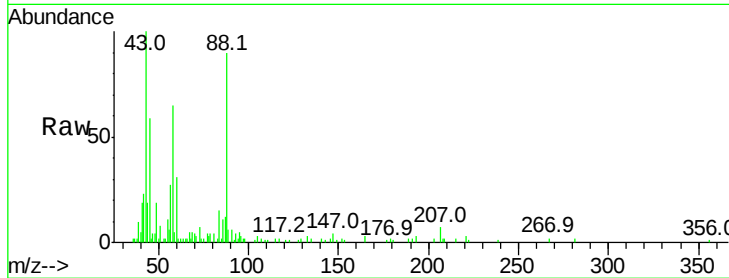
Tot Ion: 88 Resp: 30168

Ion Ratio Lower Upper

88 100

43 41.2 48.0 72.0#

58 71.1 80.0 120.0#



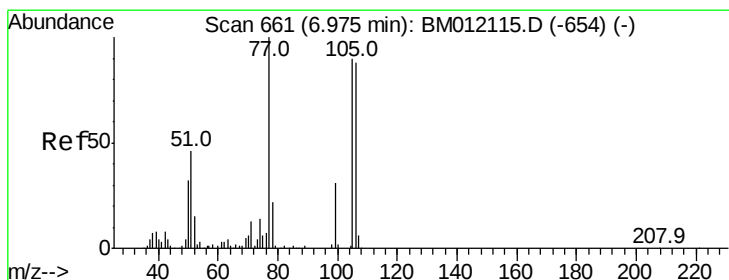
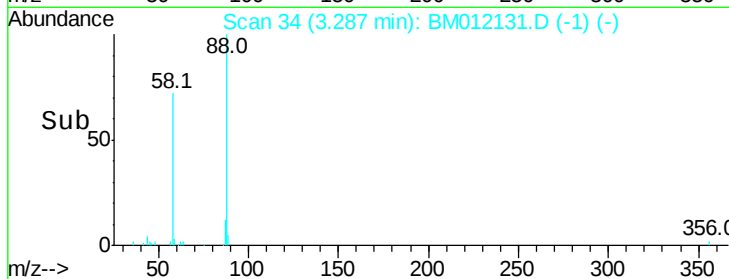
Abundance Ion 88.00 (87.70 to 88.70): BM012131.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM012131.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM012131.D (-1) (-)

3.29

Time-->



#4

Benzaldehyde

Concen: 19.612 ng/uL

RT: 6.99 min Scan# 664

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

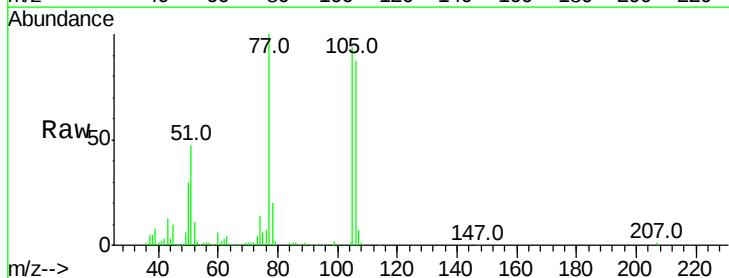
Tgt Ion: 77 Resp: 211768

Ion Ratio Lower Upper

77 100

105 94.0 66.1 99.1

106 87.0 67.8 101.6



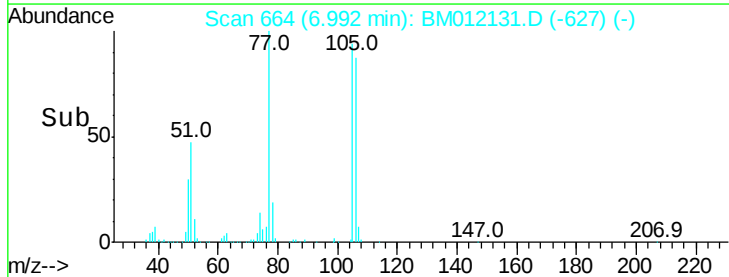
Abundance Ion 77.00 (76.70 to 77.70): BM012131.D (-627) (-)

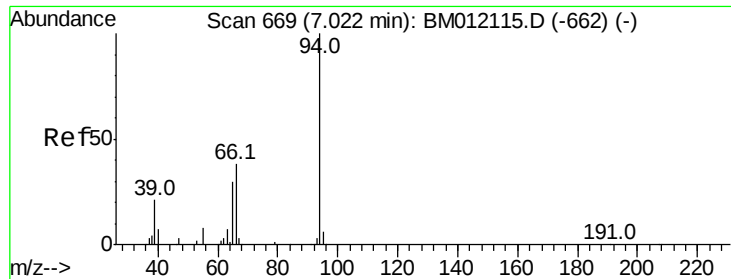
Ion 105.00 (104.70 to 105.70): BM012131.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM012131.D (-627) (-)

6.99

Time-->





#6

Phenol

Concen: 19.285 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampled :

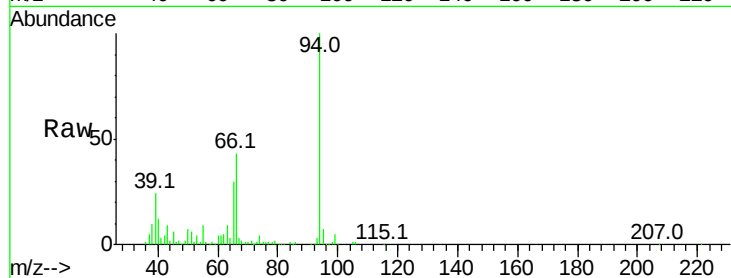
Tot Ion: 94 Resp: 322149

Ion Ratio Lower Upper

94 100

65 30.1 28.2 42.4

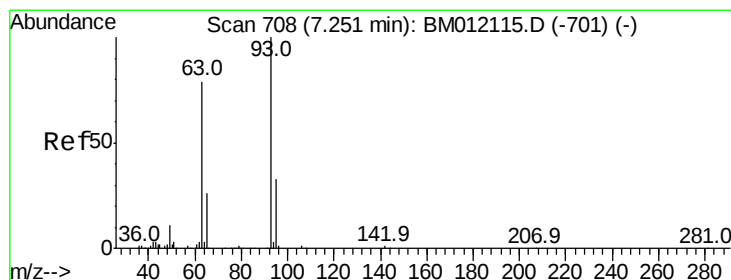
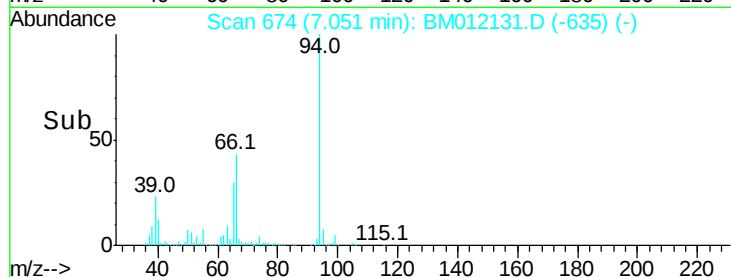
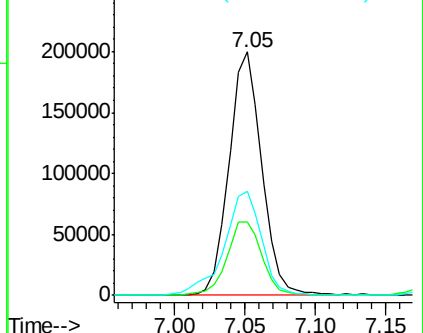
66 43.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012131.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM012131.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM012131.D (-674) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.182 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

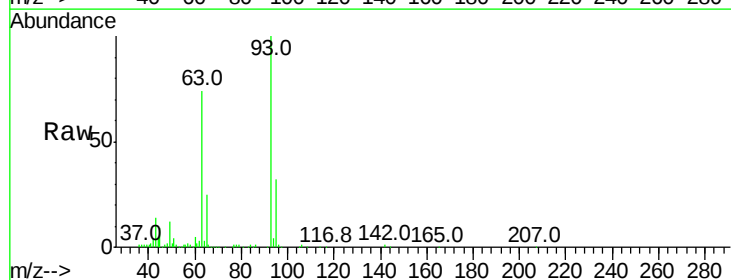
Tgt Ion: 93 Resp: 244197

Ion Ratio Lower Upper

93 100

63 73.7 57.3 85.9

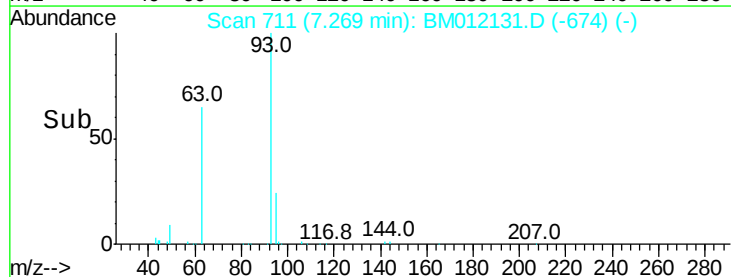
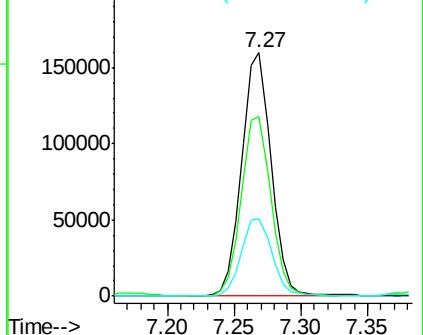
95 31.7 26.6 39.8

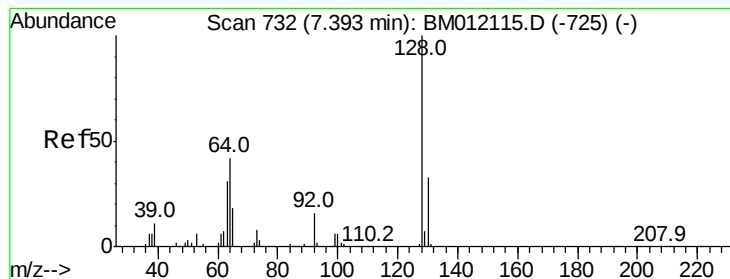


Abundance Ion 93.00 (92.70 to 93.70): BM012131.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM012131.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM012131.D (-674) (-)





#10

2-Chlorophenol

Concen: 19.905 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

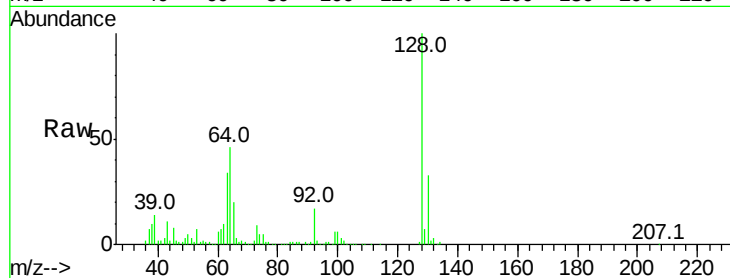
Tot Ion:128 Resp: 278454

Ion Ratio Lower Upper

128 100

64 46.1 38.0 57.0

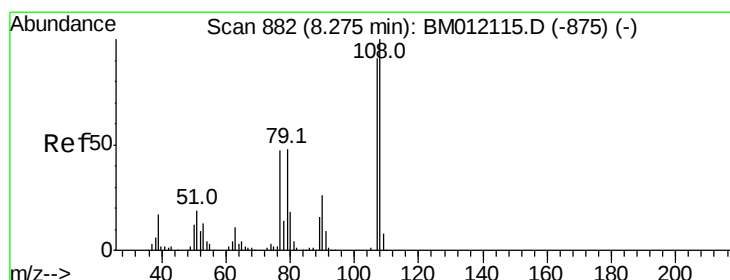
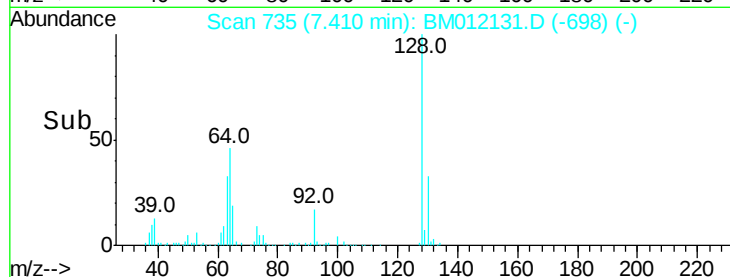
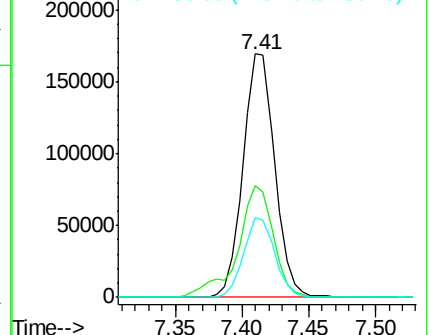
130 32.7 24.4 36.6



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: 19.732 ng/ul

RT: 8.30 min Scan# 886

Delta R.T. 0.02 min

Lab File: BM012131.D

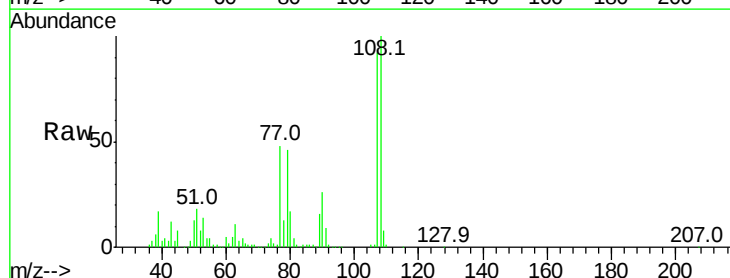
Acq: 13 Oct 2017 11:30

Tgt Ion:108 Resp: 247907

Ion Ratio Lower Upper

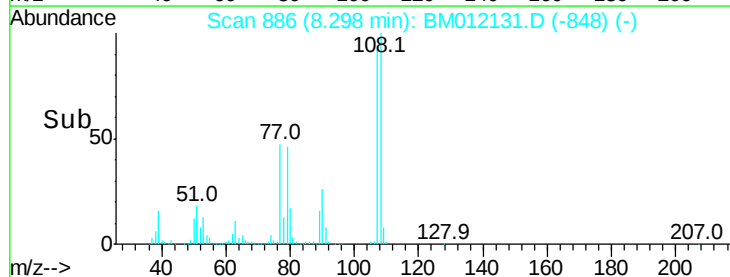
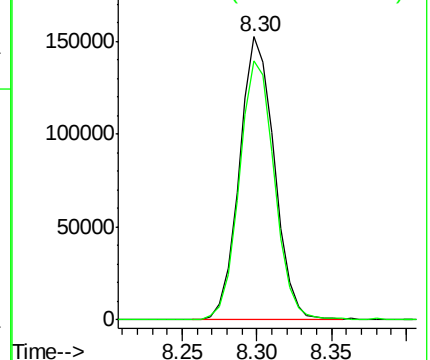
108 100

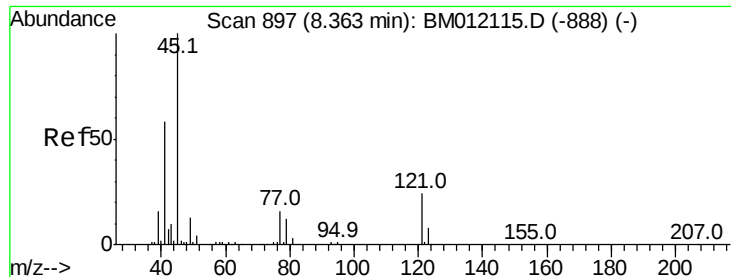
107 91.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

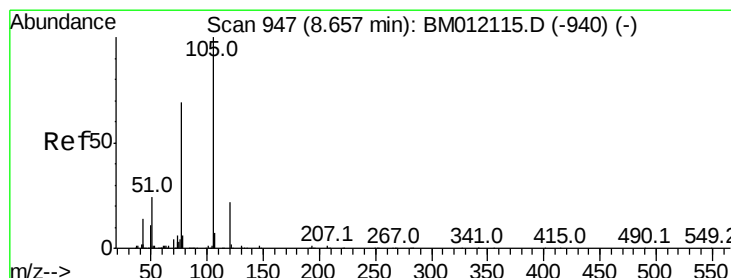
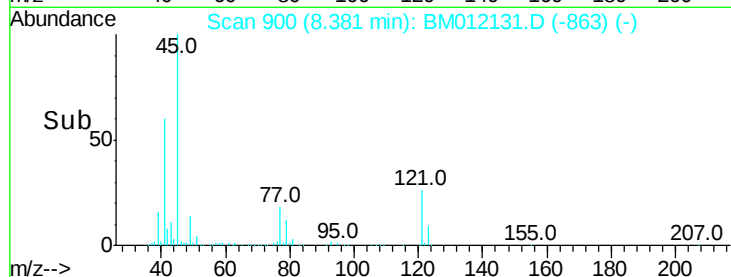
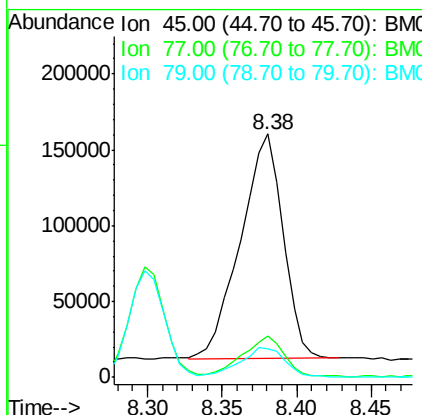
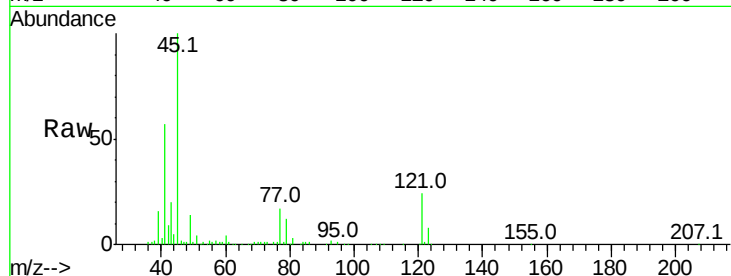




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.098 ng/ul
RT: 8.38 min Scan# 900
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

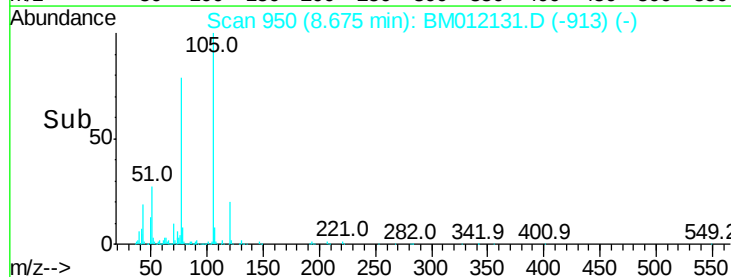
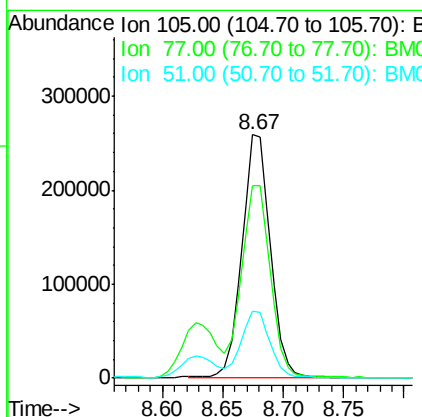
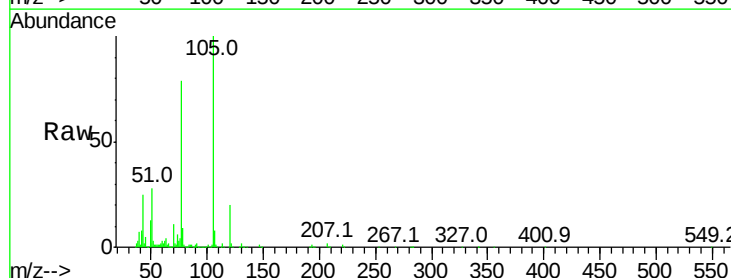
Instrument :
BNA_M
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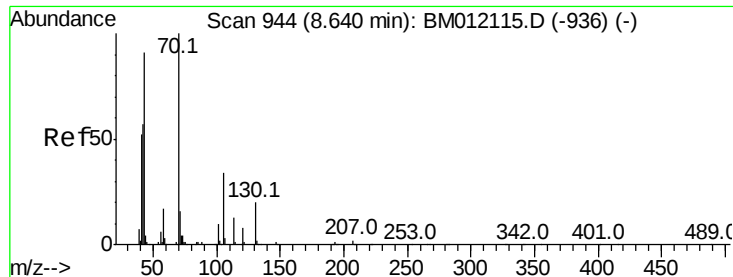
Tot Ion: 45 Resp: 292543
Ion Ratio Lower Upper
45 100
77 16.8 8.0 12.0#
79 11.9 8.0 12.0



#14
Acetophenone
Concen: 20.008 ng/ul
RT: 8.67 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion: 105 Resp: 423048
Ion Ratio Lower Upper
105 100
77 79.1 74.2 111.4
51 27.6 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.637 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 222523

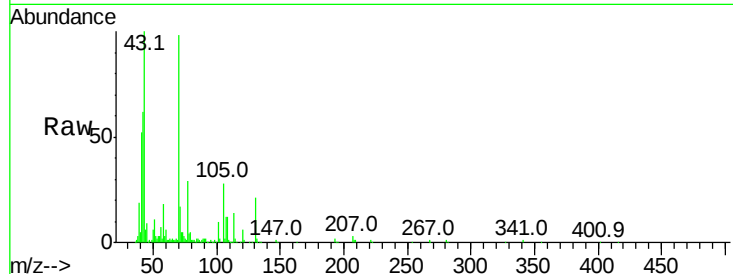
Ion Ratio Lower Upper

70 100

42 62.5 76.0 114.0#

101 9.8 6.7 10.1

130 21.8 14.6 22.0

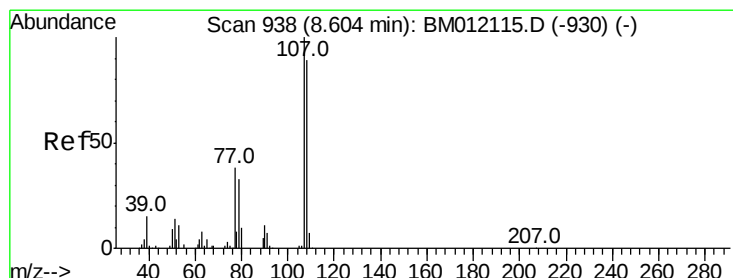
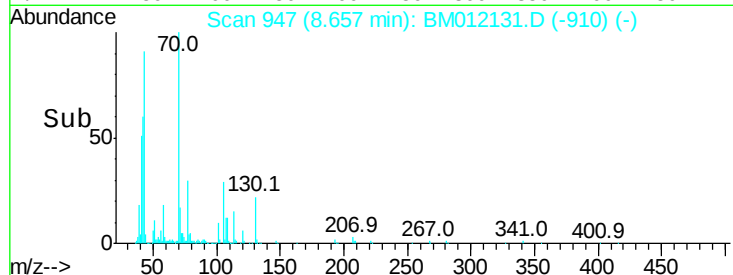
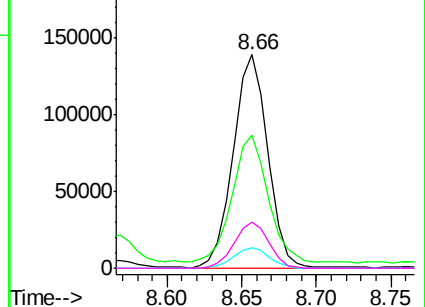


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.784 ng/ul

RT: 8.63 min Scan# 943

Delta R.T. 0.03 min

Lab File: BM012131.D

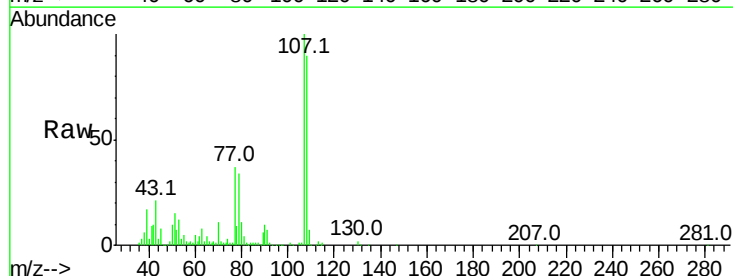
Acq: 13 Oct 2017 11:30

Tgt Ion: 108 Resp: 273912

Ion Ratio Lower Upper

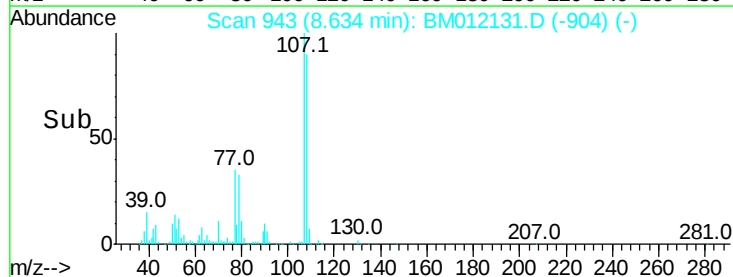
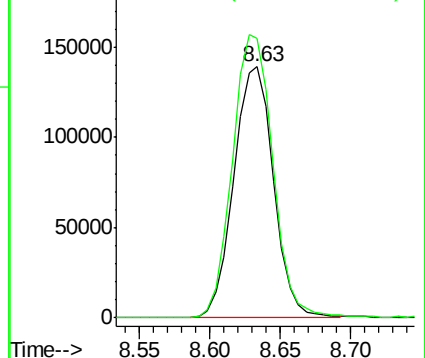
108 100

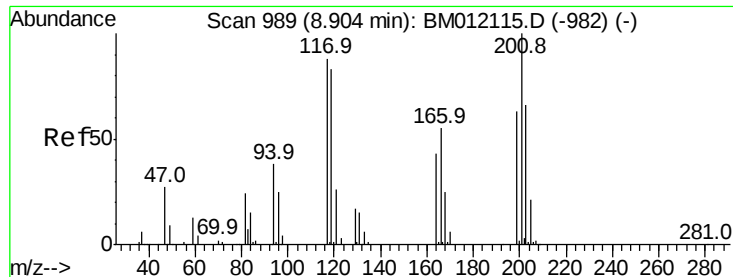
107 111.3 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.676 ng/ul

RT: 8.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

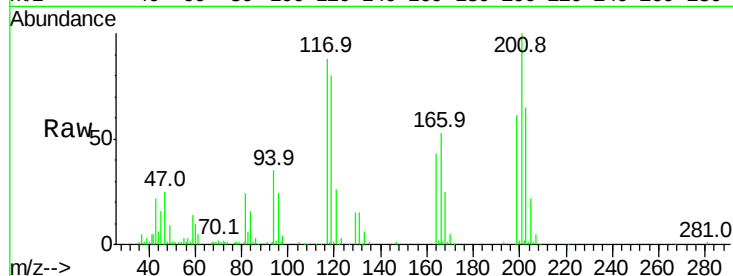
Tot Ion:117 Resp: 116147

Ion Ratio Lower Upper

117 100

201 114.0 111.6 167.4

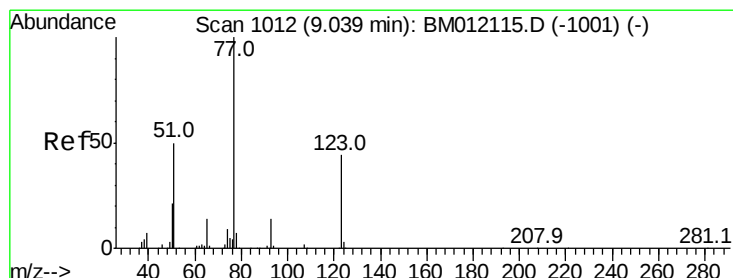
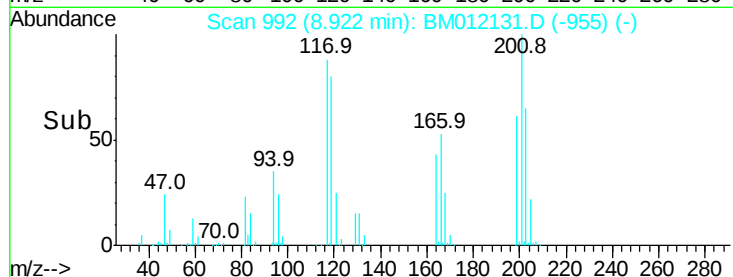
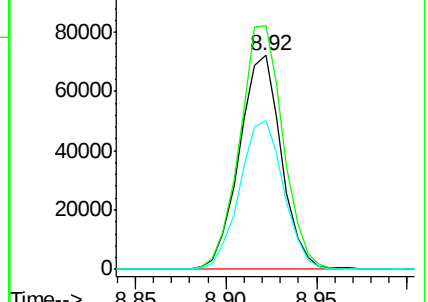
199 69.7 67.8 101.6



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: 20.327 ng/ul

RT: 9.06 min Scan# 1016

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

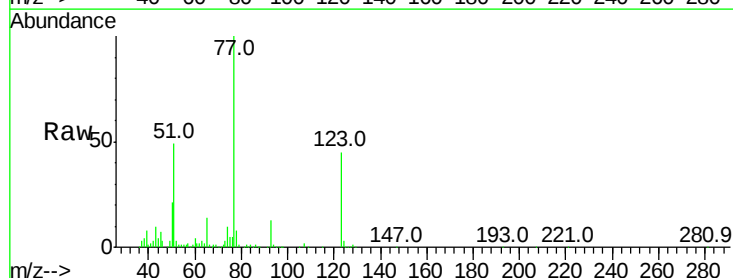
Tgt Ion: 77 Resp: 322040

Ion Ratio Lower Upper

77 100

123 45.4 31.0 46.6

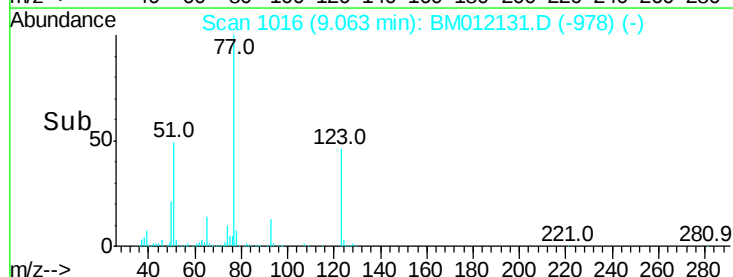
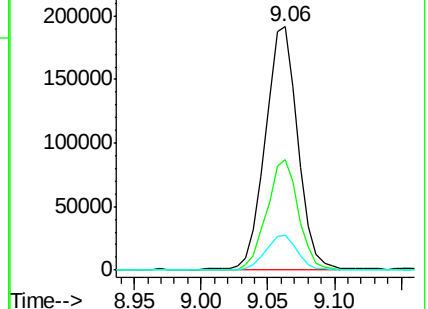
65 14.4 12.2 18.2

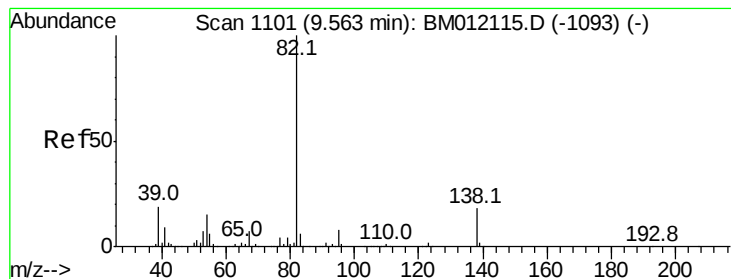


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.299 ng/ul

RT: 9.59 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

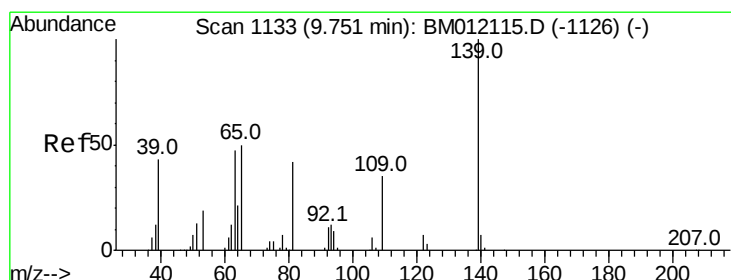
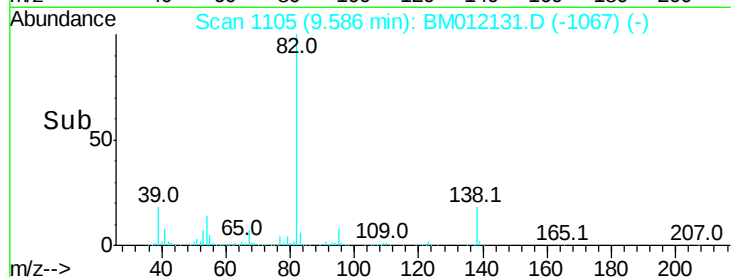
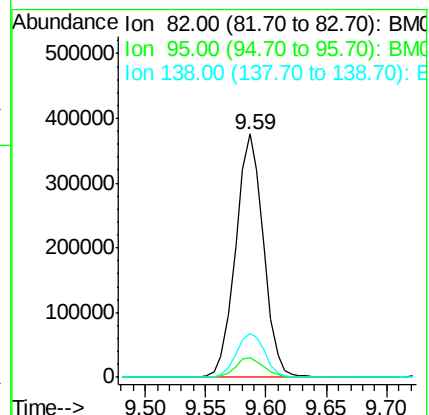
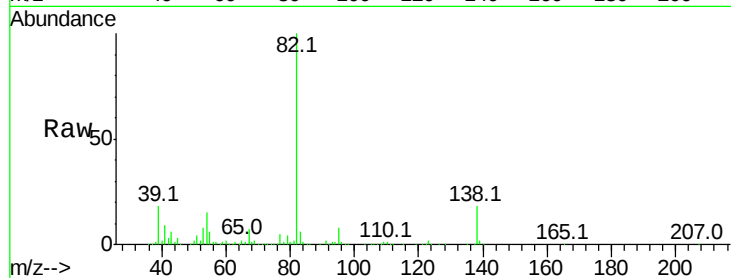
Tot Ion: 82 Resp: 600820

Ion Ratio Lower Upper

82 100

95 8.1 7.8 11.8

138 18.0 11.9 17.9#



#23

2-Nitrophenol

Concen: 21.332 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

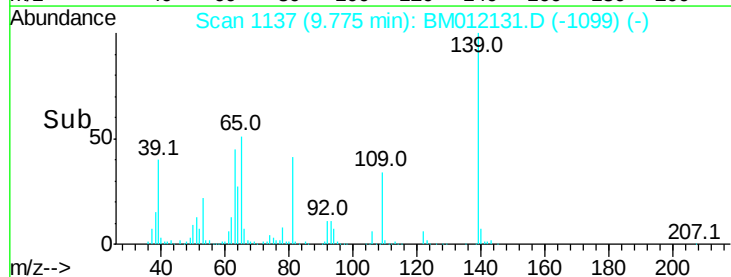
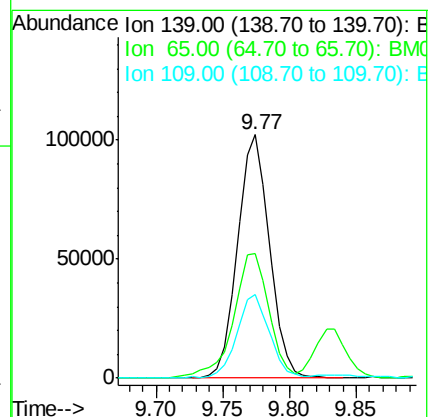
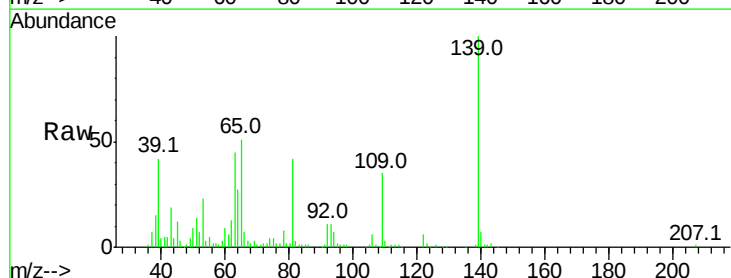
Tgt Ion: 139 Resp: 170443

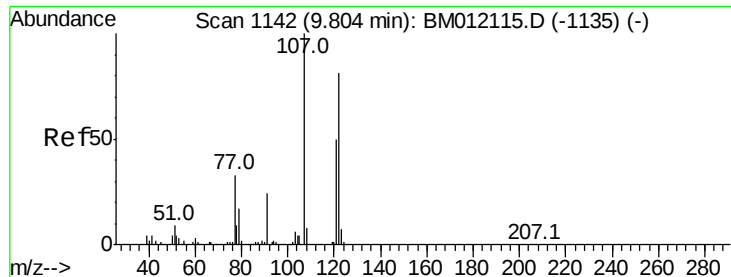
Ion Ratio Lower Upper

139 100

65 51.2 55.4 83.0#

109 34.5 42.2 63.2#

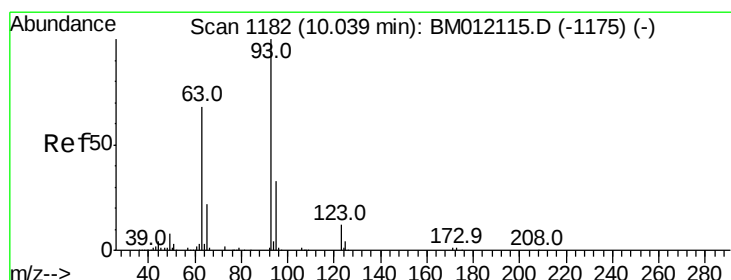
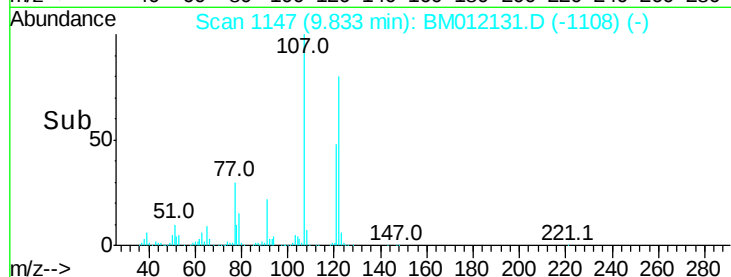
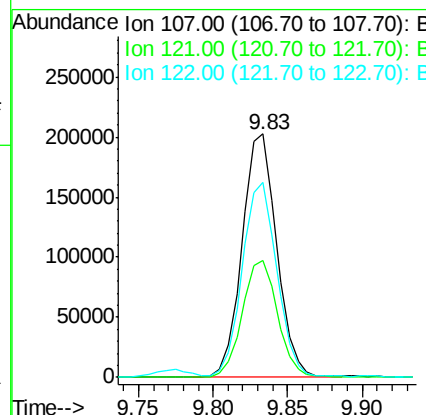
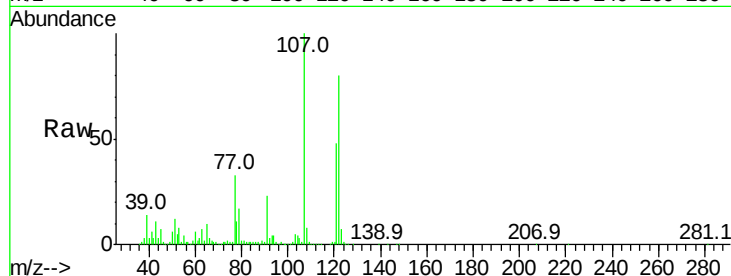




#24
2,4-Dimethylphenol
Concen: 20.147 ng/ul
RT: 9.83 min Scan# 1147
Delta R.T. 0.03 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

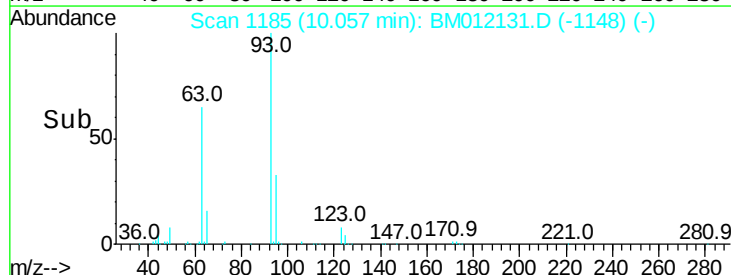
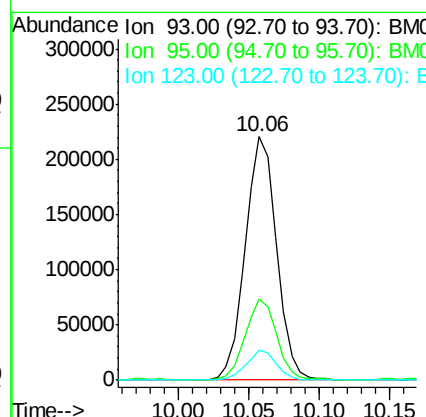
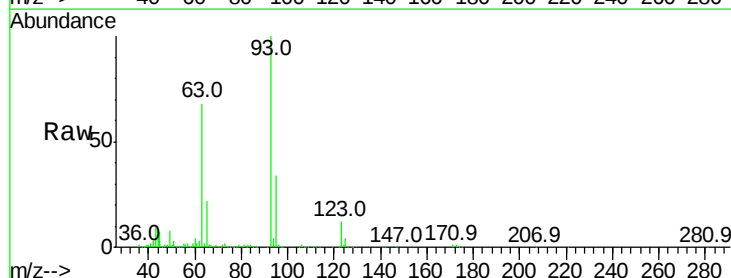
Instrument :
BNA_M
ClientSampleId :

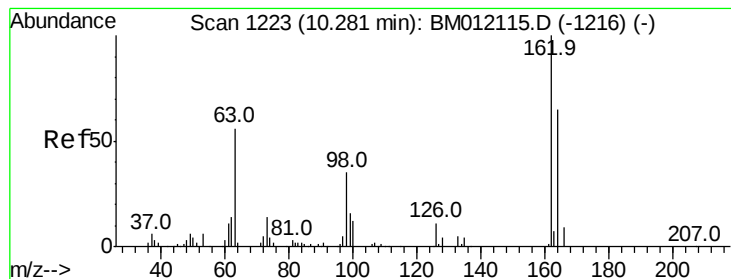
Tot Ion:107 Resp: 324417
Ion Ratio Lower Upper
107 100
121 48.1 31.9 47.9#
122 80.0 57.8 86.6



#25
Bis(2-Chloroethoxy)methane
Concen: 19.791 ng/ul
RT: 10.06 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion: 93 Resp: 343478
Ion Ratio Lower Upper
93 100
95 33.5 28.5 42.7
123 12.3 8.9 13.3





#27

2,4-Dichlorophenol

Concen: 20.111 ng/ul

RT: 10.32 min Scan# 1229

Delta R.T. 0.04 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

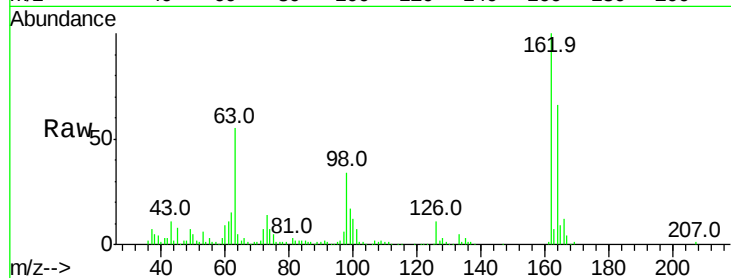
Tot Ion:162 Resp: 281808

Ion Ratio Lower Upper

162 100

164 66.0 47.8 71.6

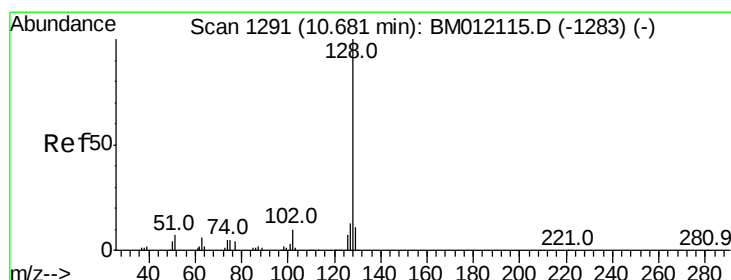
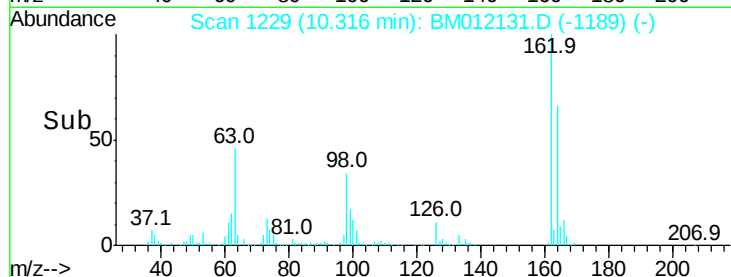
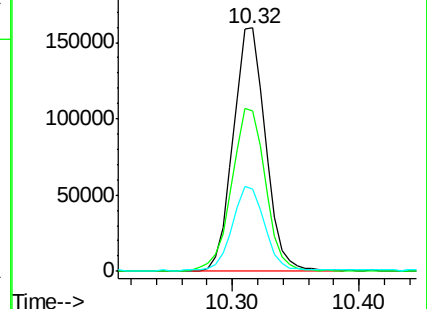
98 34.0 23.0 34.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.501 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

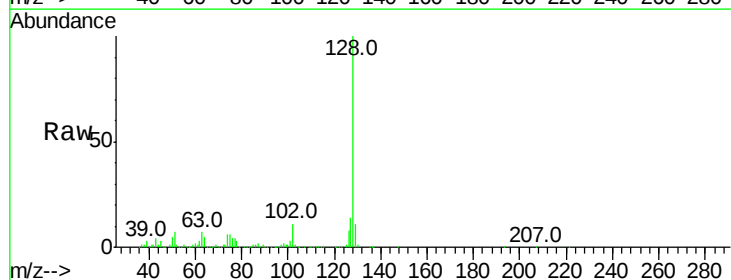
Tgt Ion:128 Resp: 843045

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

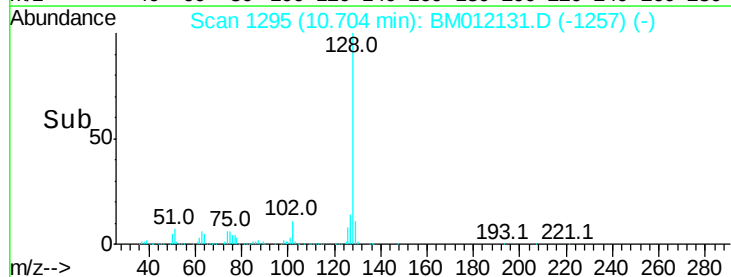
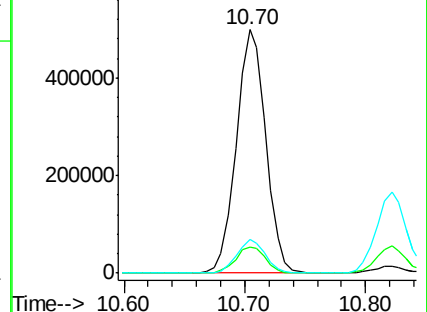
127 13.6 10.6 16.0

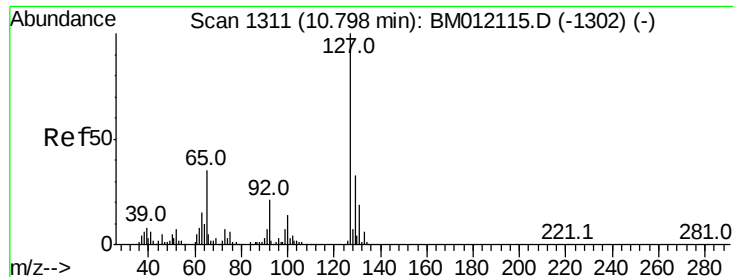


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

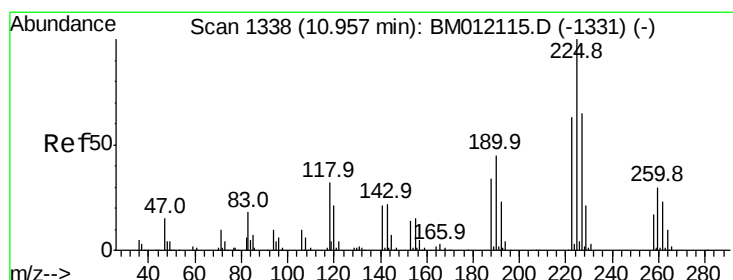
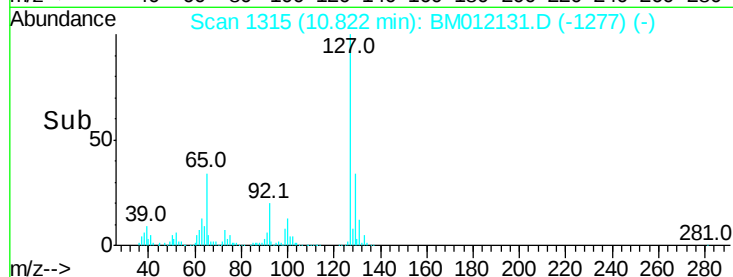
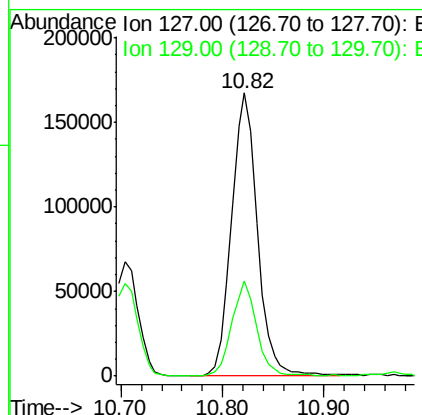
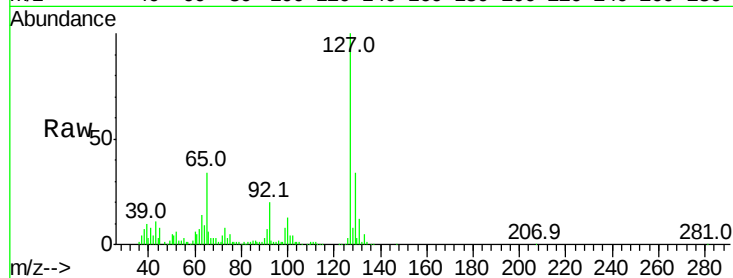




#30
4-Chloroaniline
Concen: 22.789 ng/ul
RT: 10.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

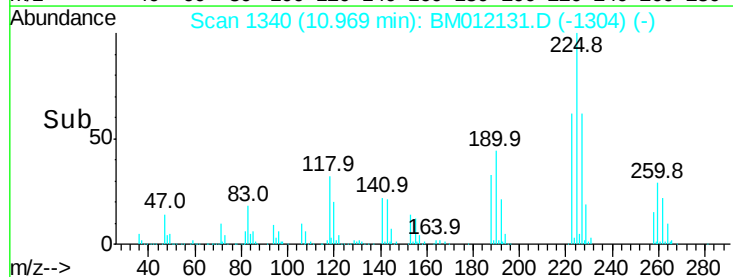
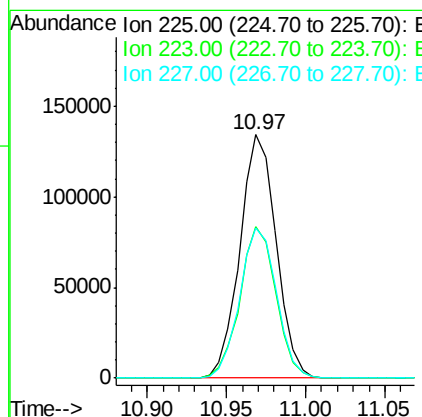
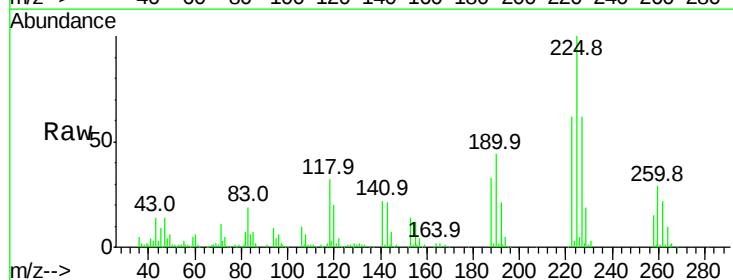
Instrument :
BNA_M
ClientSampled :

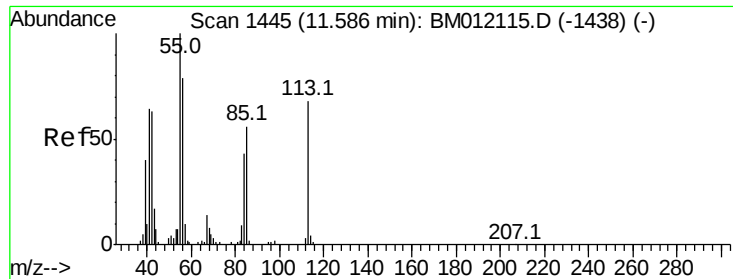
Tot Ion:127 Resp: 298350
Ion Ratio Lower Upper
127 100
129 33.6 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.574 ng/ul
RT: 10.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion:225 Resp: 213670
Ion Ratio Lower Upper
225 100
223 62.4 49.4 74.2
227 61.7 45.4 68.2





#32

Caprolactam

Concen: 21.746 ng/ul

RT: 11.63 min Scan# 1453

Delta R.T. 0.05 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

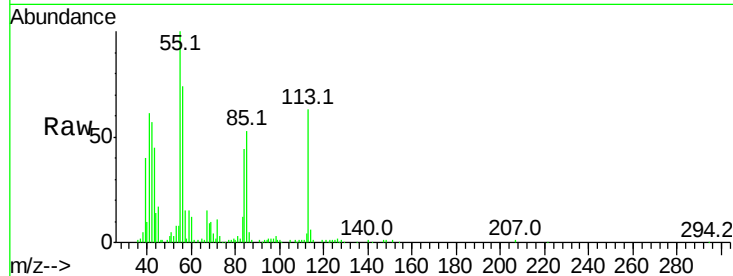
Tot Ion:113 Resp: 96200

Ion Ratio Lower Upper

113 100

55 157.7 208.0 312.0#

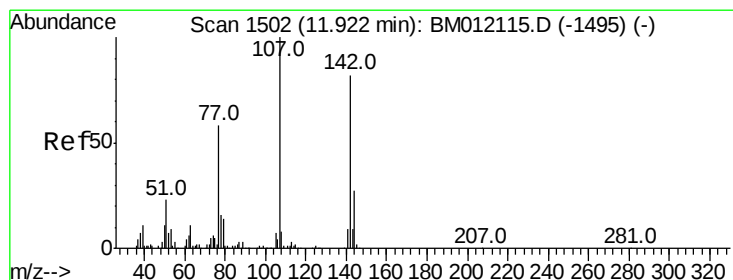
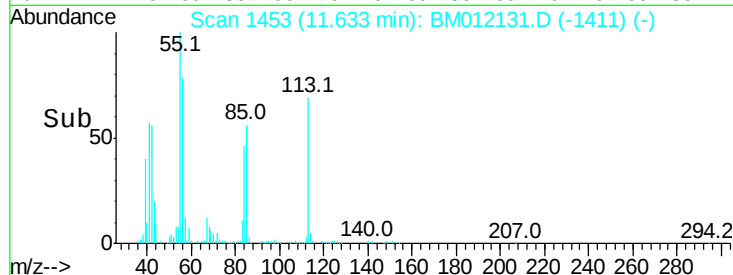
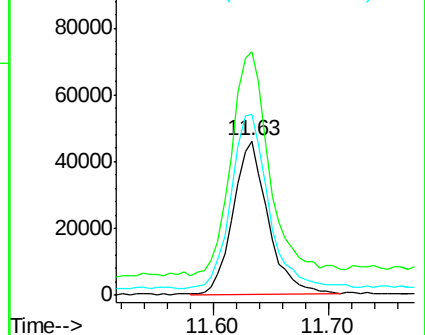
56 117.2 160.0 240.0#



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: 20.324 ng/ul

RT: 11.96 min Scan# 1508

Delta R.T. 0.04 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

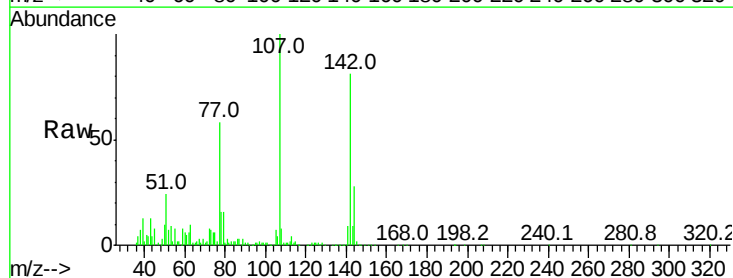
Tgt Ion:107 Resp: 298379

Ion Ratio Lower Upper

107 100

144 27.6 20.4 30.6

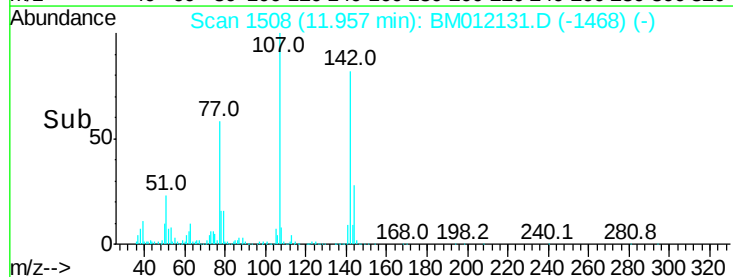
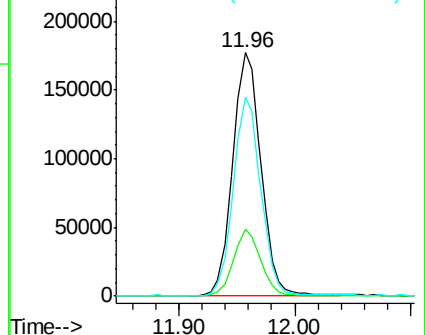
142 81.4 60.5 90.7

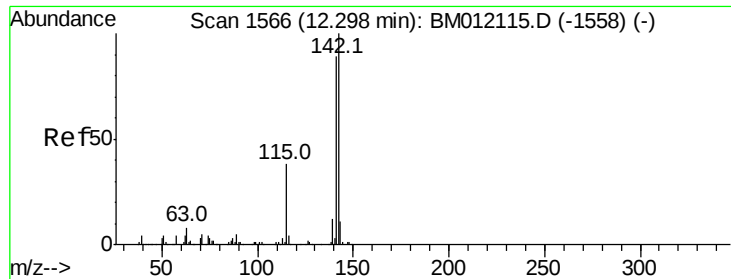


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

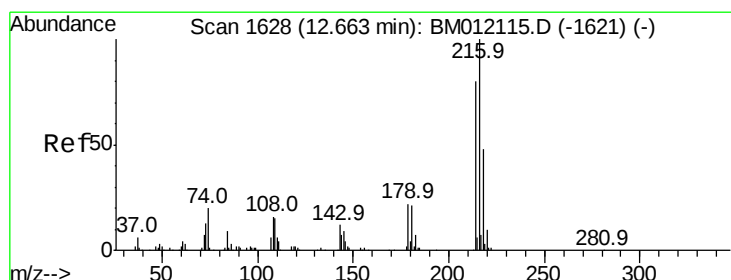
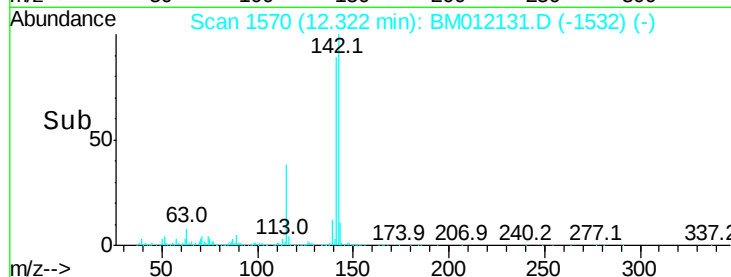
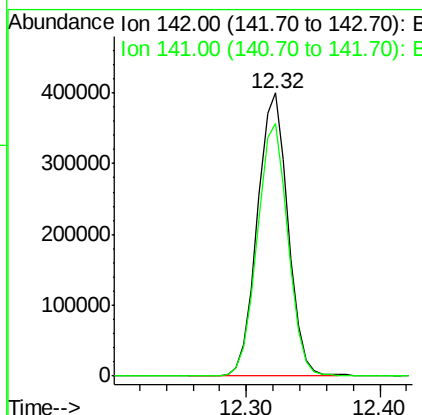
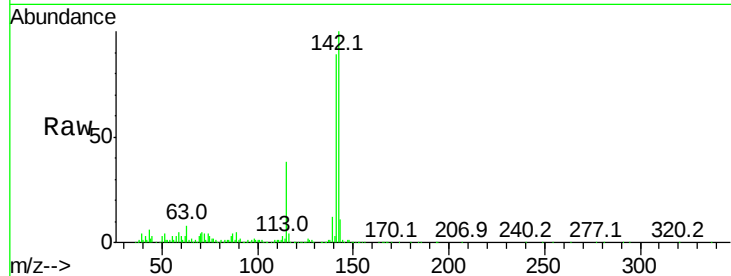




#34
 2-Methylnaphthalene
 Concen: 19.284 ng/ul
 RT: 12.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BM012131.D
 Acq: 13 Oct 2017 11:30

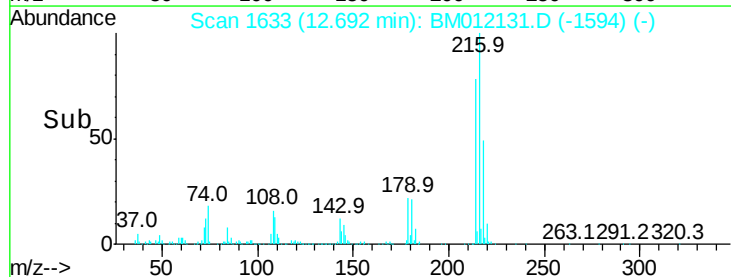
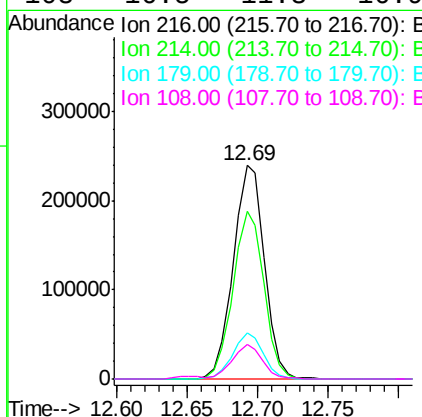
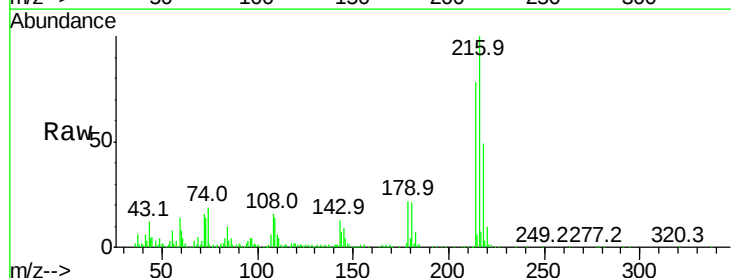
Instrument :
 BNA_M
 ClientSampleId :

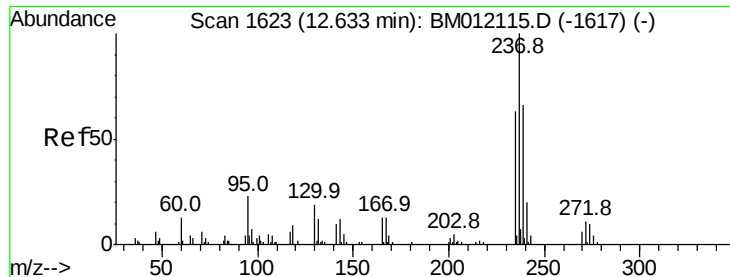
Tot Ion:142 Resp: 629097
 Ion Ratio Lower Upper
 142 100
 141 89.3 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.819 ng/ul
 RT: 12.69 min Scan# 1633
 Delta R.T. 0.03 min
 Lab File: BM012131.D
 Acq: 13 Oct 2017 11:30

Tgt Ion:216 Resp: 368283
 Ion Ratio Lower Upper
 216 100
 214 78.3 60.6 90.8
 179 21.7 17.5 26.3
 108 16.5 11.3 16.9

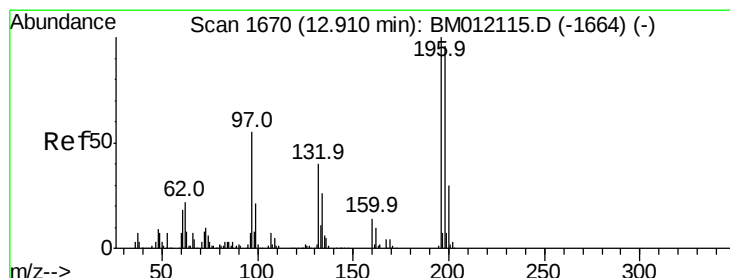
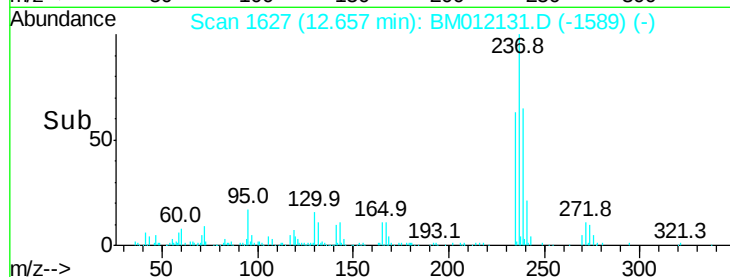
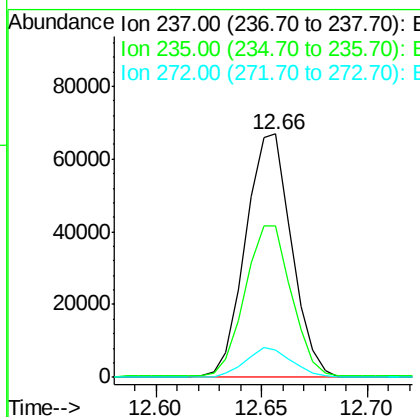
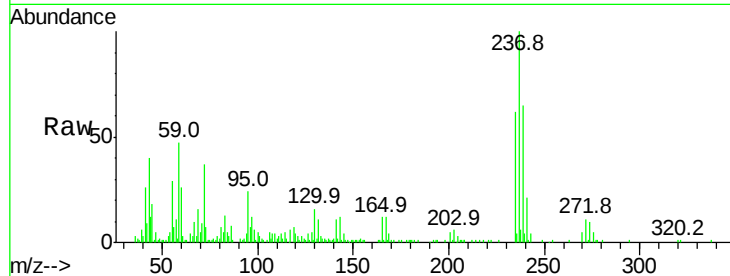




#37
Hexachlorocyclopentadiene
Concen: 12.206 ng/ul
RT: 12.66 min Scan# 1627
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

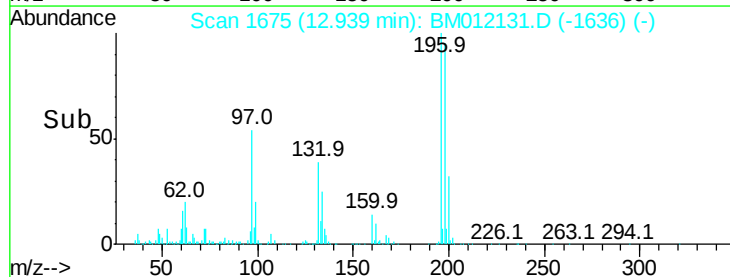
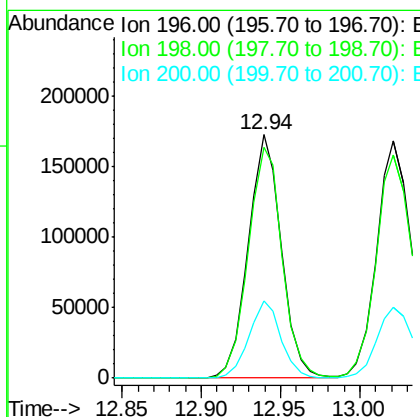
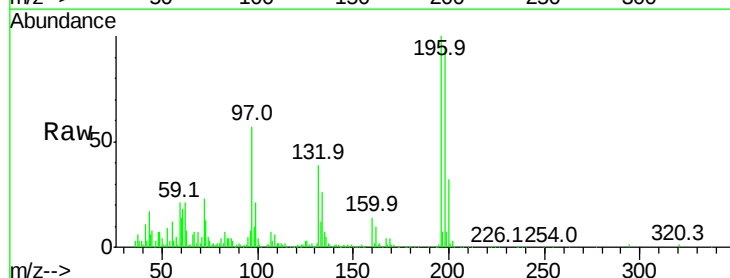
Instrument :
BNA_M
ClientSampleId :

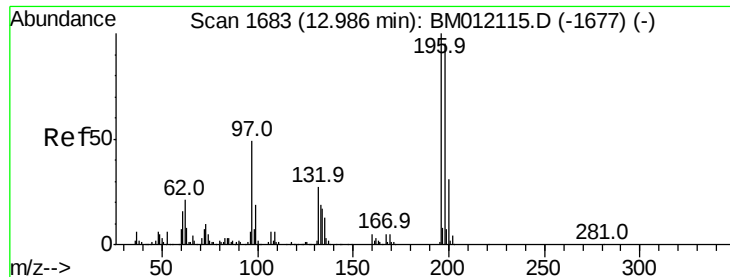
Tot Ion:237 Resp: 101093
Ion Ratio Lower Upper
237 100
235 62.3 50.2 75.4
272 11.1 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 20.263 ng/ul
RT: 12.94 min Scan# 1675
Delta R.T. 0.03 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion:196 Resp: 249647
Ion Ratio Lower Upper
196 100
198 94.9 74.1 111.1
200 31.8 25.2 37.8





#39

2,4,5-Trichlorophenol

Concen: 20.523 ng/ul

RT: 13.02 min Scan# 1689

Delta R.T. 0.04 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

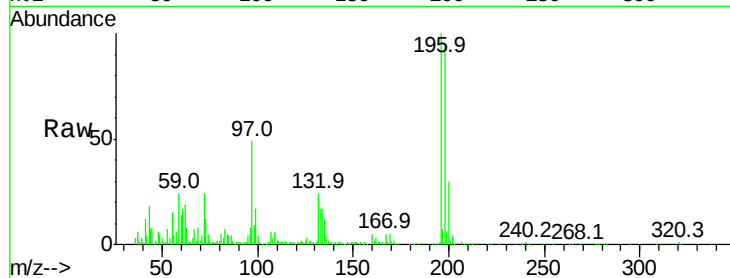
Tot Ion:196 Resp: 260223

Ion Ratio Lower Upper

196 100

198 93.7 75.6 113.4

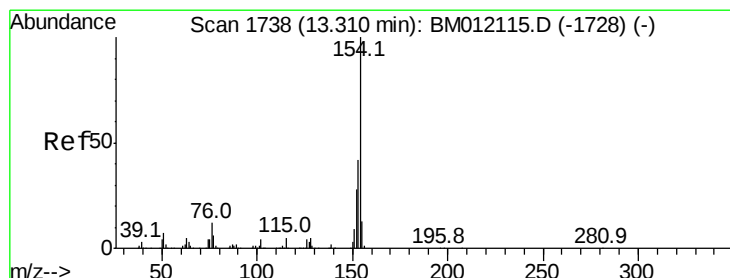
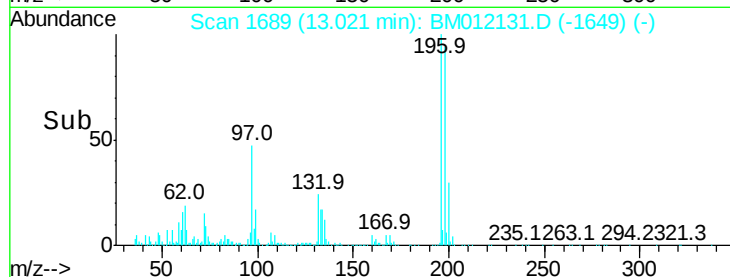
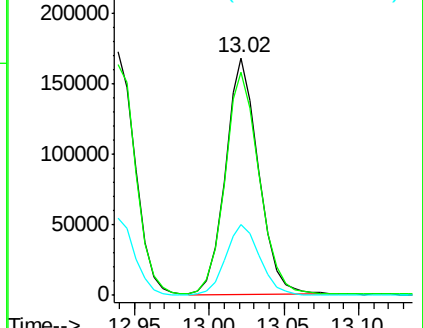
200 29.8 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40

1,1'-Biphenyl

Concen: 19.124 ng/ul

RT: 13.33 min Scan# 1741

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

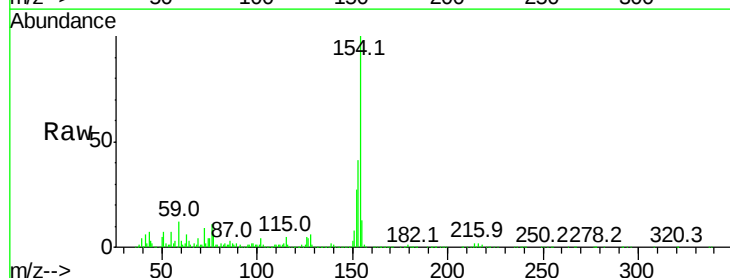
Tgt Ion:154 Resp: 826219

Ion Ratio Lower Upper

154 100

153 40.9 32.6 48.8

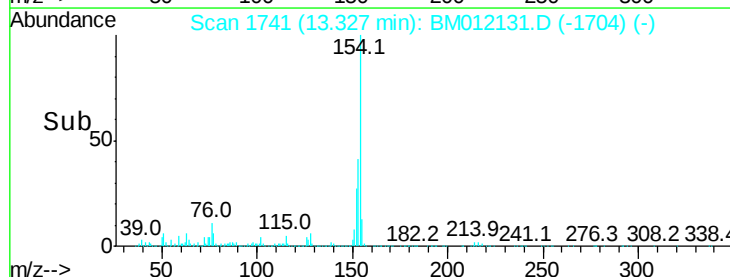
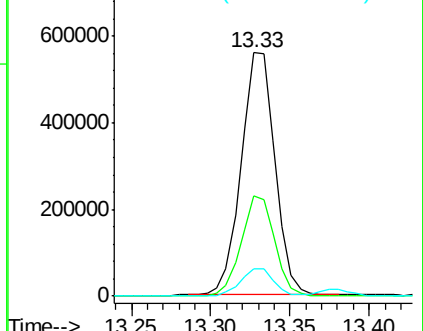
76 11.3 8.5 12.7

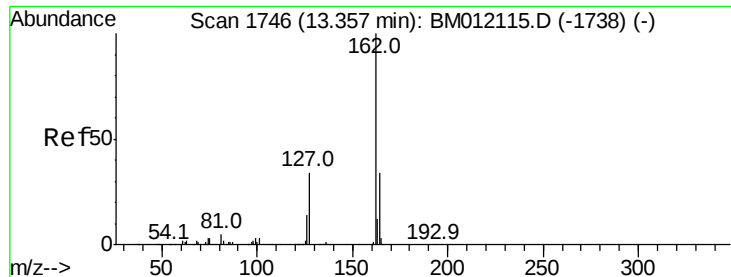


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

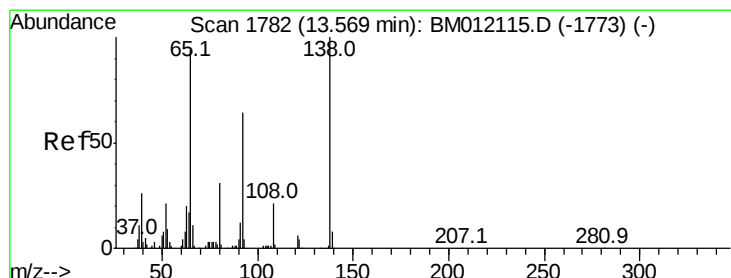
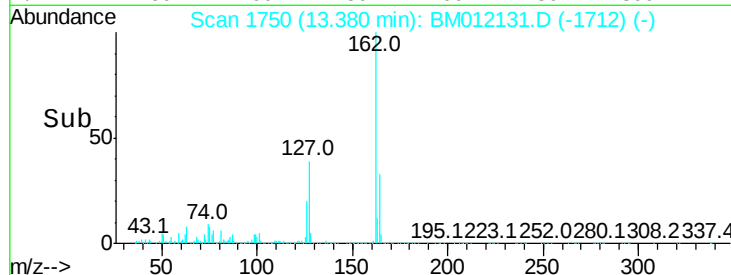
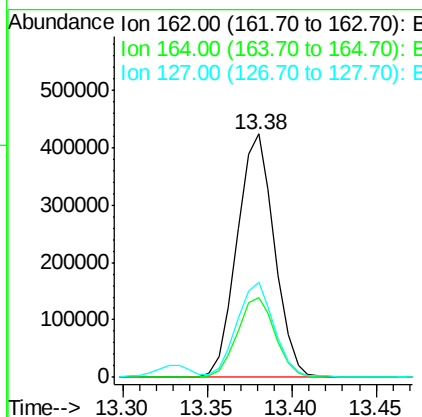
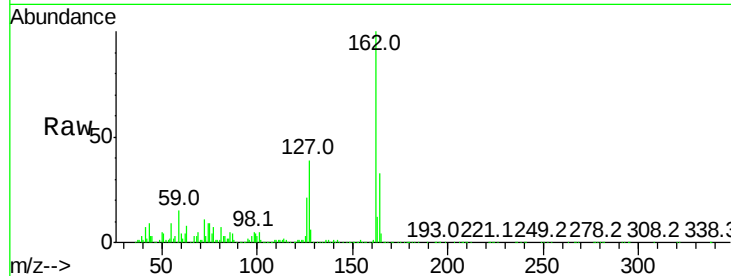




#41
2-Chloronaphthalene
Concen: 19.209 ng/ul
RT: 13.38 min Scan# 1750
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

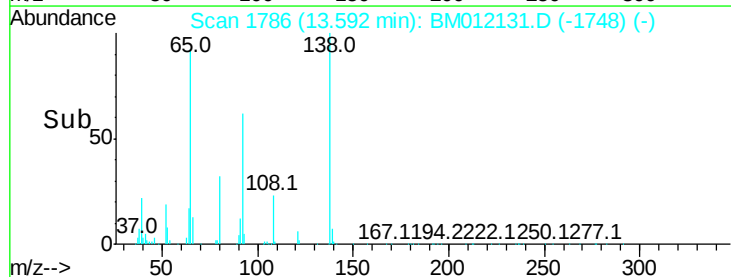
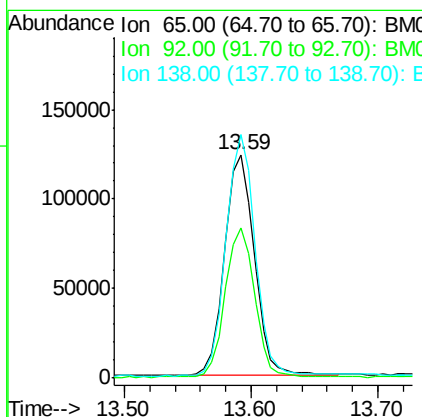
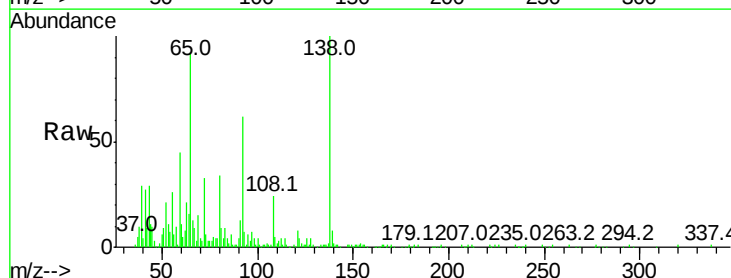
Instrument :
BNA_M
ClientSampleId :

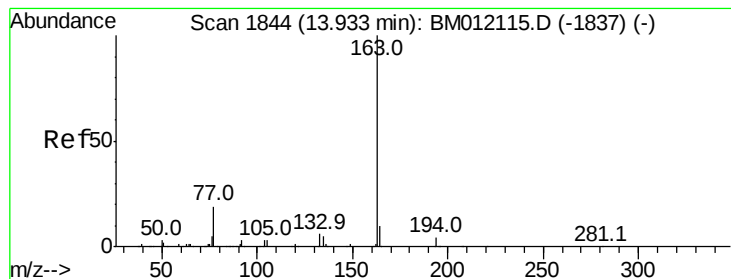
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.9	38.9
127	38.9	29.4	44.2



#42
2-Nitroaniline
Concen: 20.943 ng/ul
RT: 13.59 min Scan# 1786
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.8	77.6
138	109.0	74.2	111.4





#44

Dimethylphthalate

Concen: 19.749 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

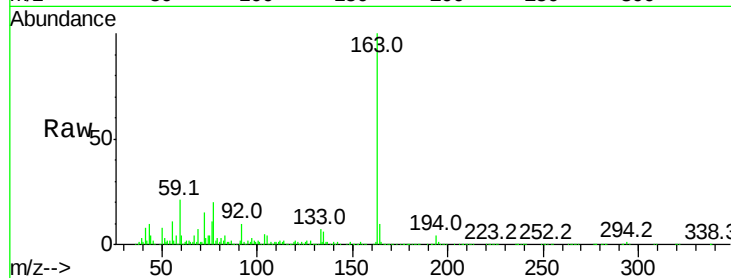
Instrument :

BNA_M

ClientSampleId :

Tot Ion:163 Resp: 895194

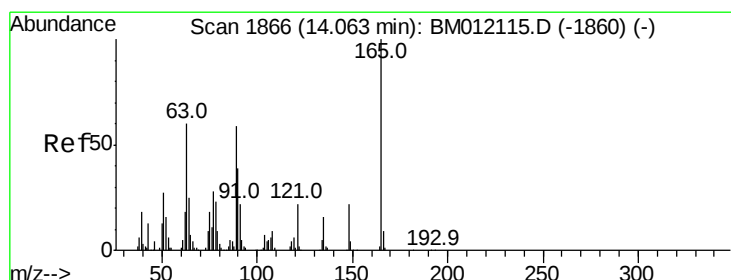
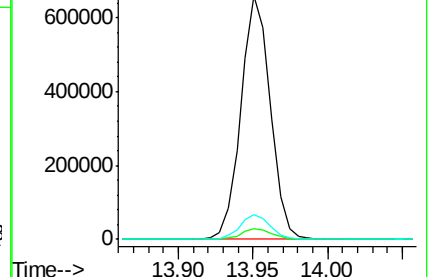
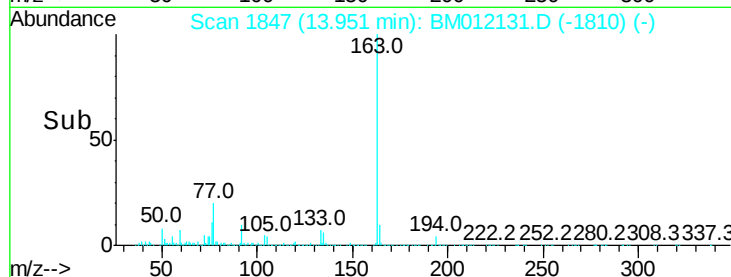
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.909 ng/ul

RT: 14.09 min Scan# 1871

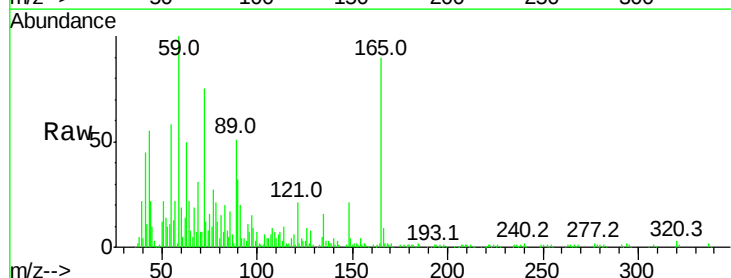
Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:165 Resp: 188126

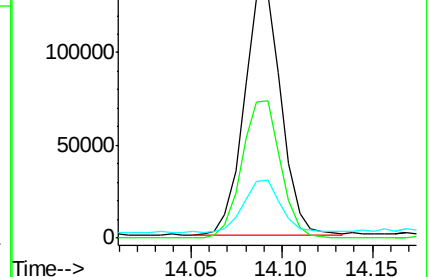
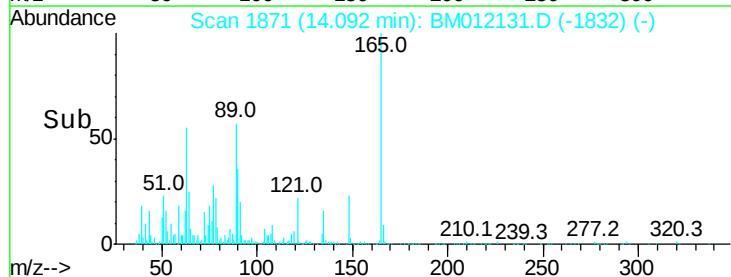
Ion	Ratio	Lower	Upper
165	100		
89	56.6	52.6	79.0
121	23.7	14.6	22.0

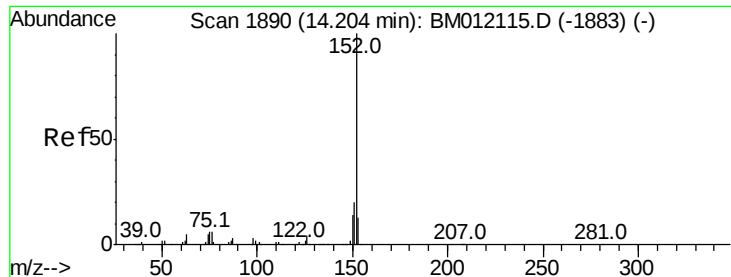


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.491 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

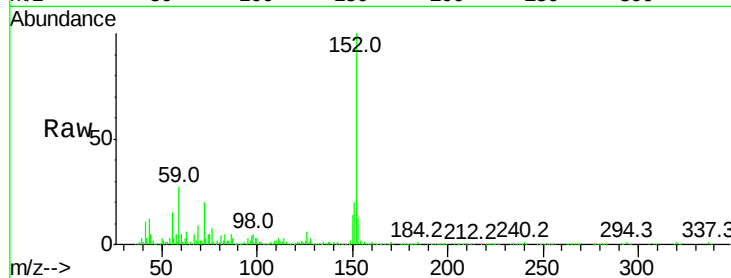
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1048194

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.2	15.4

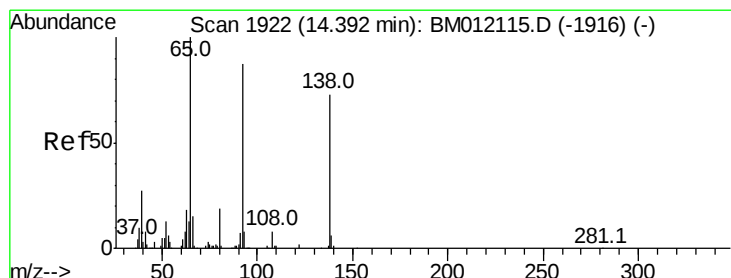
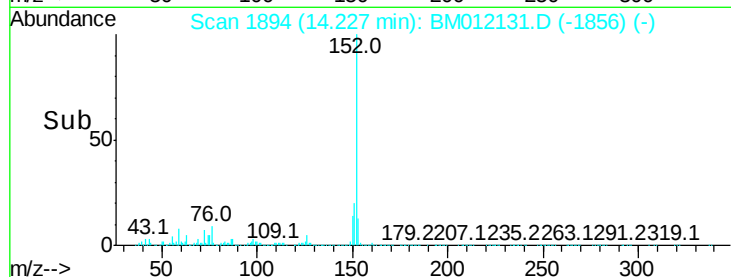
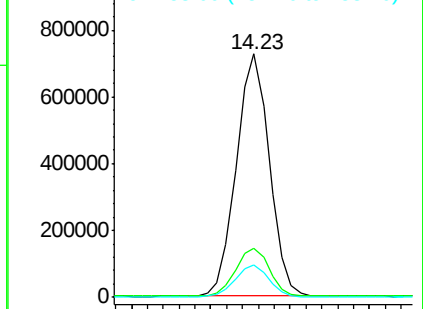


Abundance

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: 22.359 ng/ul

RT: 14.42 min Scan# 1927

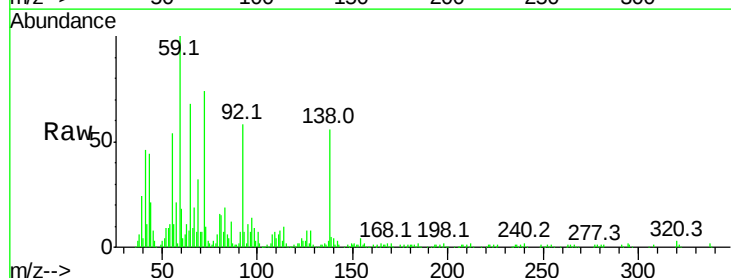
Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:138 Resp: 156514

Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.9	14.9
92	103.1	105.0	157.4#

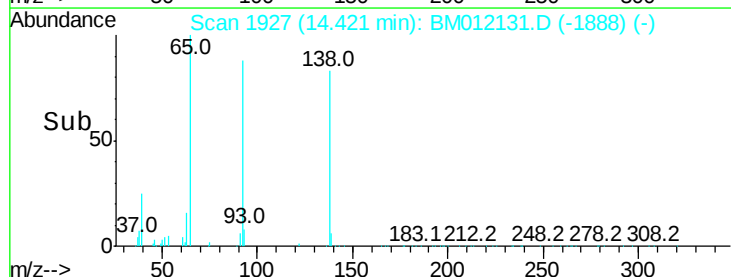
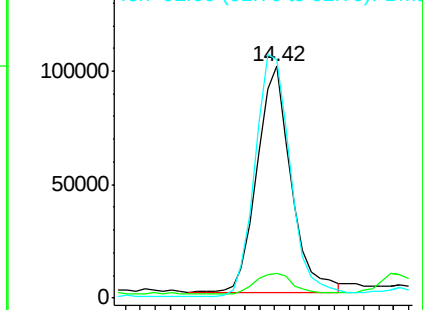


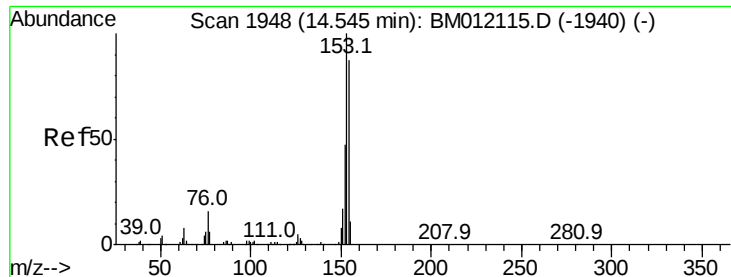
Abundance

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: 19.755 ng/ul

RT: 14.57 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

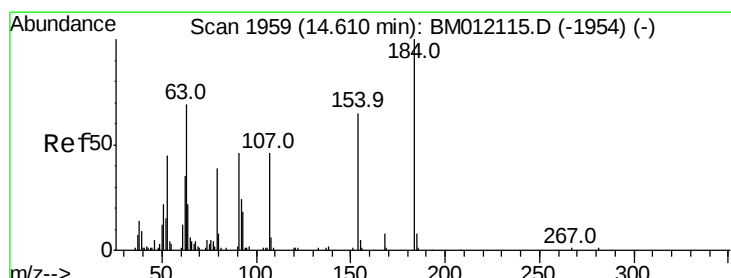
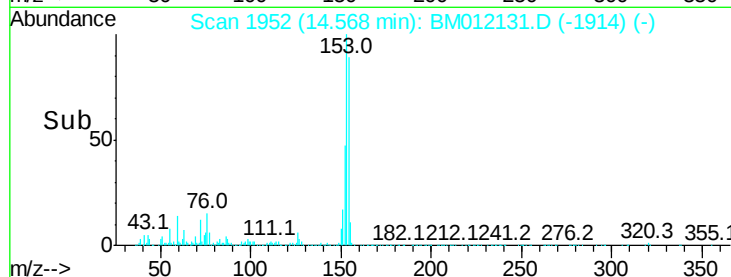
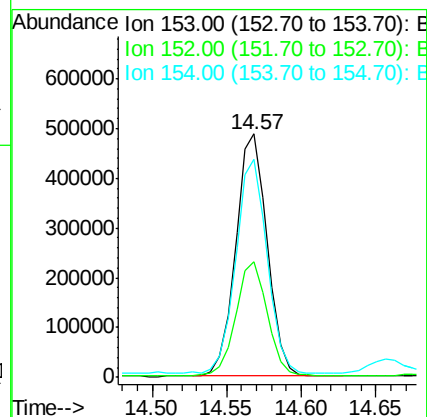
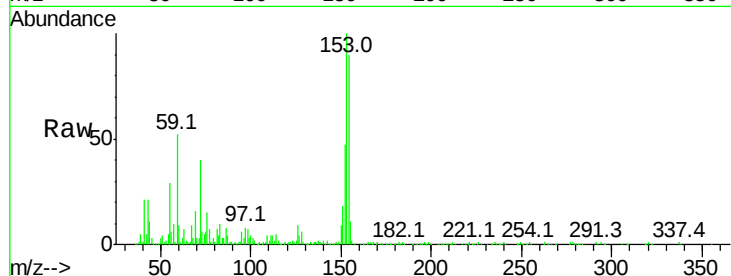
Tot Ion:153 Resp: 715603

Ion Ratio Lower Upper

153 100

152 47.3 37.6 56.4

154 89.7 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 13.748 ng/ul

RT: 14.66 min Scan# 1967

Delta R.T. 0.05 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

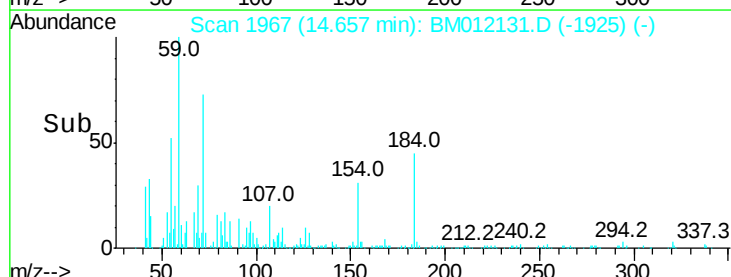
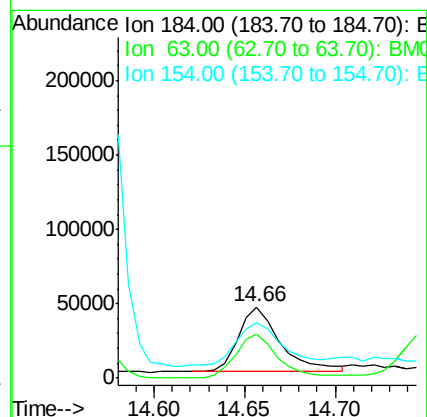
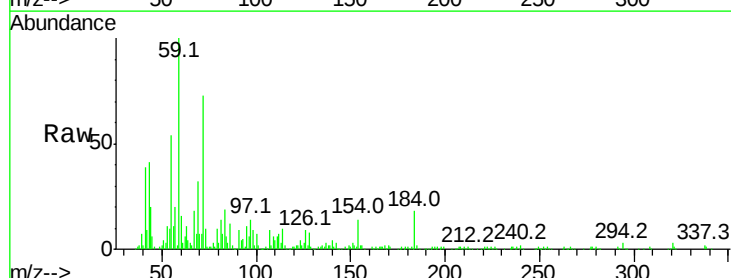
Tgt Ion:184 Resp: 70239

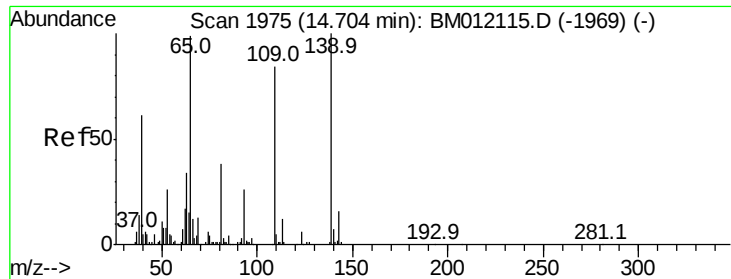
Ion Ratio Lower Upper

184 100

63 61.5 50.1 75.1

154 78.3 54.5 81.7





#52

4-Nitrophenol

Concen: 28.540 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.05 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

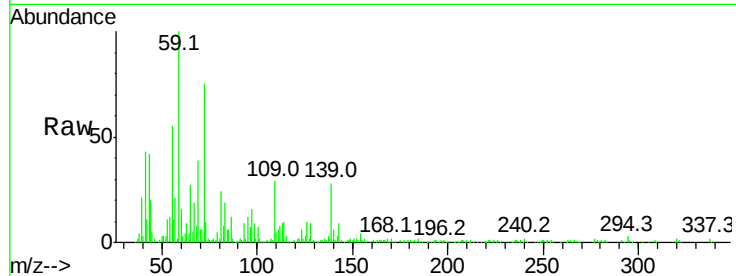
Tot Ion:109 Resp: 174459

Ion Ratio Lower Upper

109 100

139 96.4 80.0 120.0

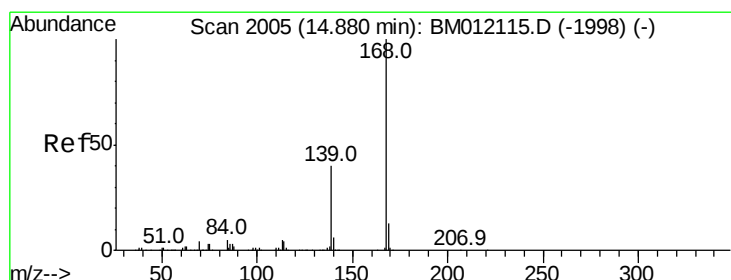
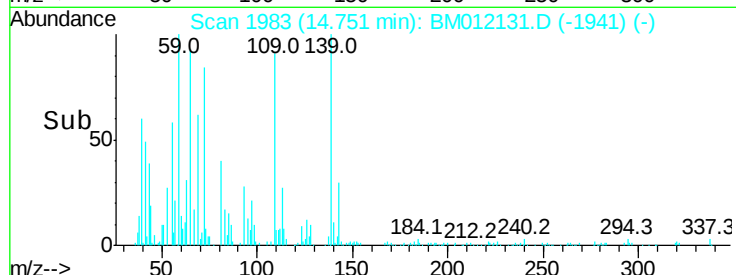
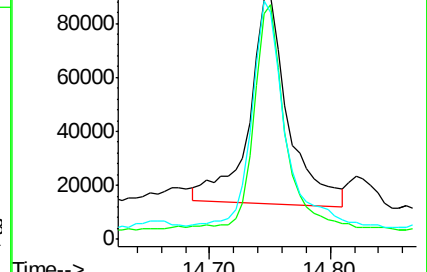
65 93.5 120.0 180.0#



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: 19.661 ng/ul

RT: 14.90 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BM012131.D

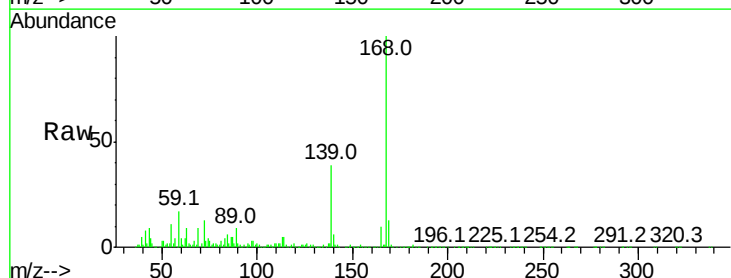
Acq: 13 Oct 2017 11:30

Tgt Ion:168 Resp: 1025485

Ion Ratio Lower Upper

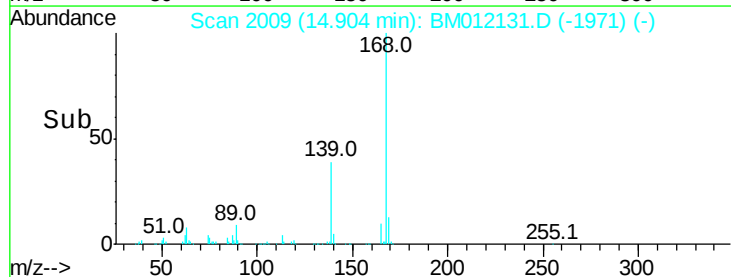
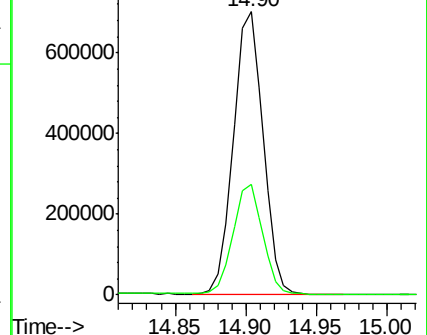
168 100

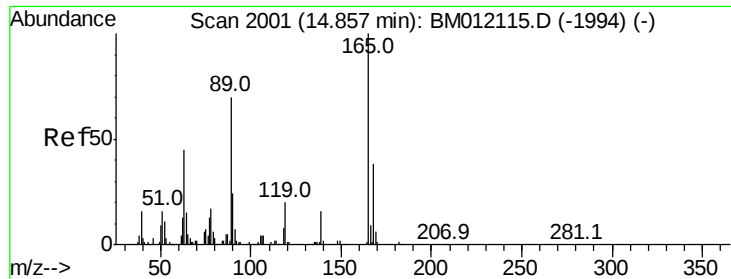
139 39.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

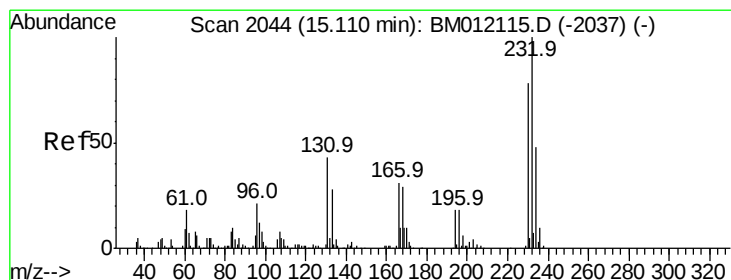
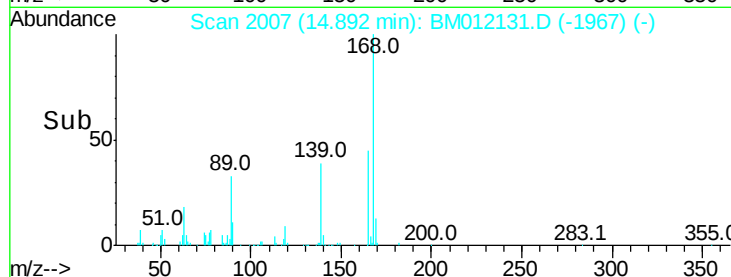
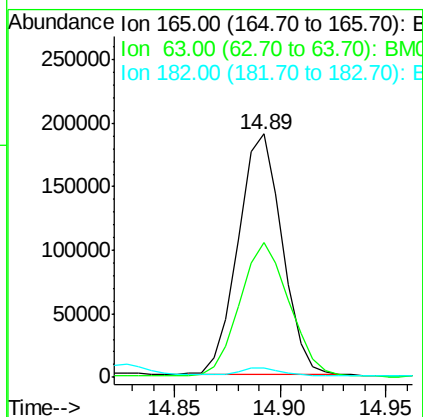
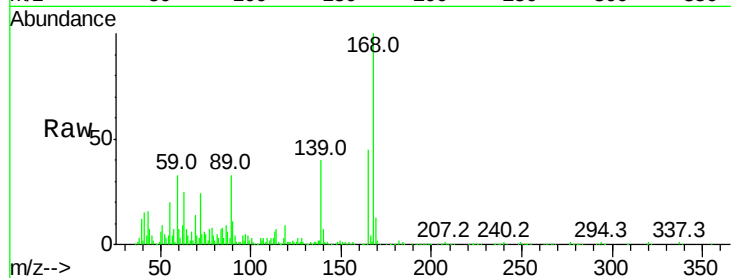




#54
 2,4-Dinitrotoluene
 Concen: 21.029 ng/ul
 RT: 14.89 min Scan# 2007
 Delta R.T. 0.04 min
 Lab File: BM012131.D
 Acq: 13 Oct 2017 11:30

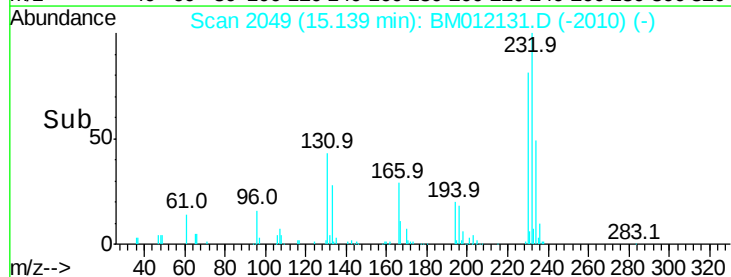
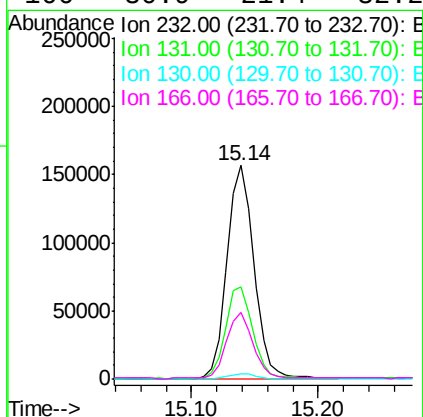
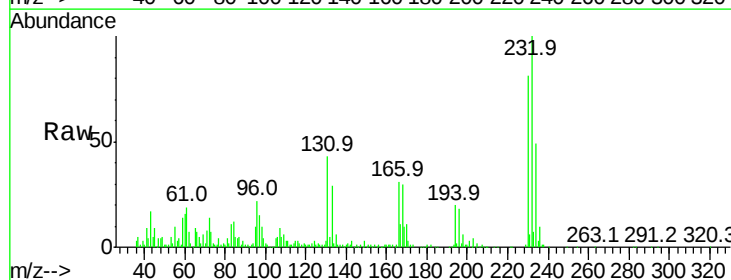
Instrument :
 BNA_M
 ClientSampleId :

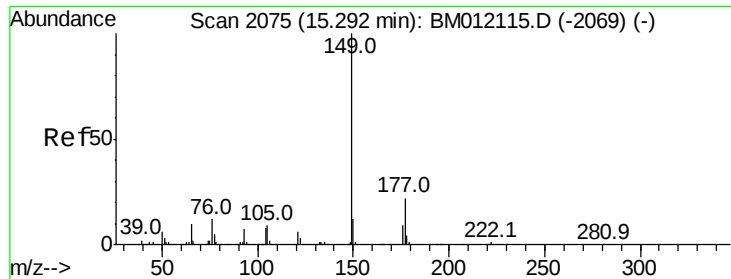
Tot Ion:165 Resp: 274212
 Ion Ratio Lower Upper
 165 100
 63 55.4 45.8 68.8
 182 4.0 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.009 ng/ul
 RT: 15.14 min Scan# 2049
 Delta R.T. 0.03 min
 Lab File: BM012131.D
 Acq: 13 Oct 2017 11:30

Tgt Ion:232 Resp: 232170
 Ion Ratio Lower Upper
 232 100
 131 43.3 29.0 43.4
 130 2.7 2.0 3.0
 166 30.9 21.4 32.2





#56

Diethylphthalate

Concen: 18.976 ng/ul

RT: 15.31 min Scan# 2078

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

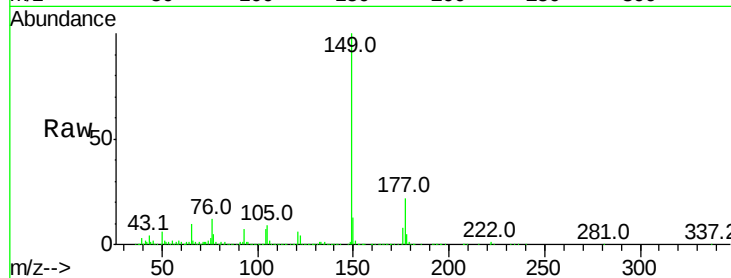
Tot Ion:149 Resp: 929766

Ion Ratio Lower Upper

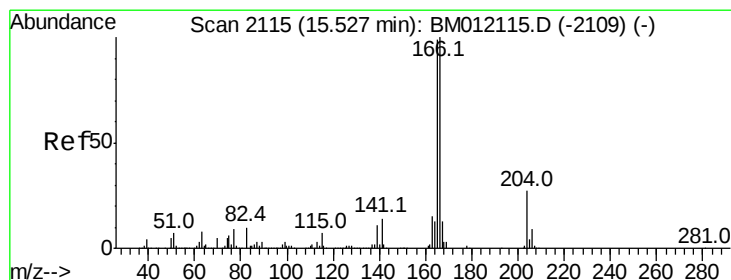
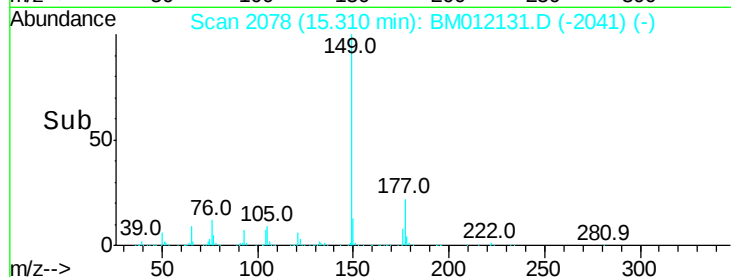
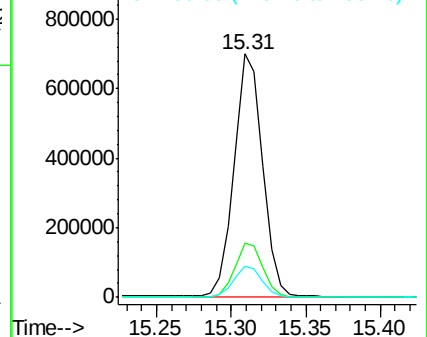
149 100

177 22.2 20.5 30.7

150 12.6 10.6 15.8



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



#58

Fluorene

Concen: 19.598 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

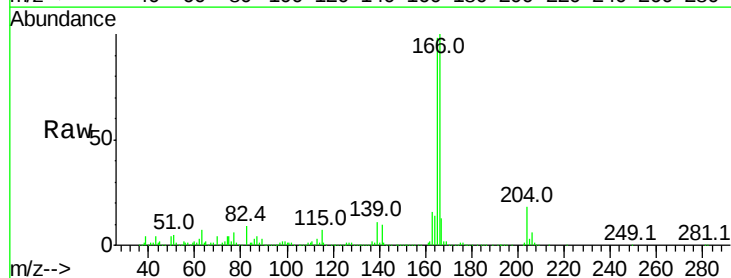
Tgt Ion:166 Resp: 848945

Ion Ratio Lower Upper

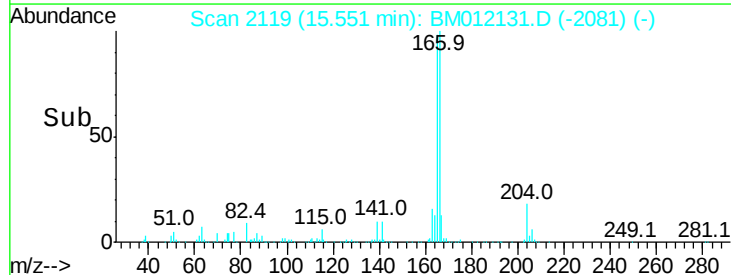
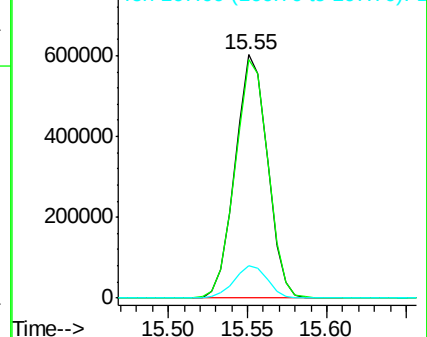
166 100

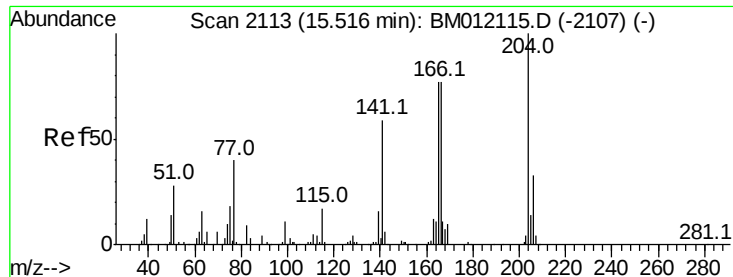
165 97.8 77.9 116.9

167 13.3 10.6 16.0



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

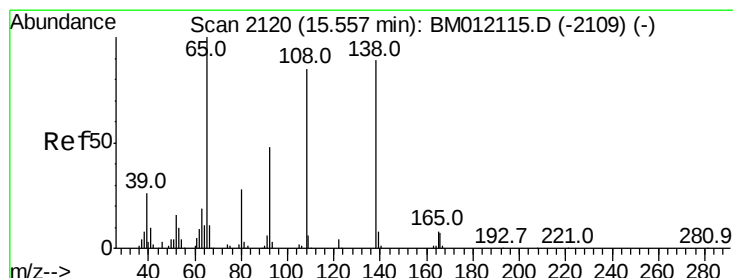
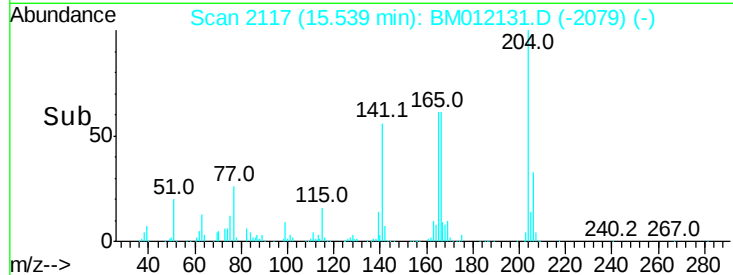
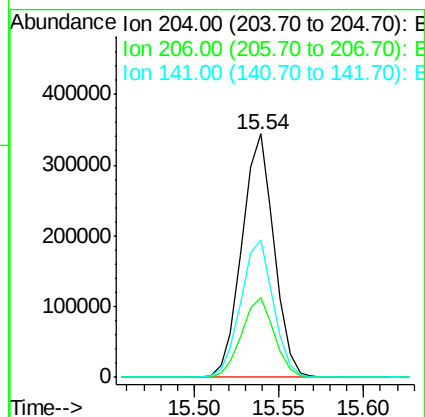
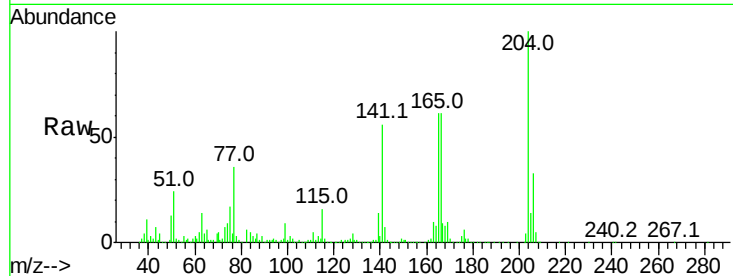




#59
4-Chlorophenyl-phenylether
Concen: 20.054 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

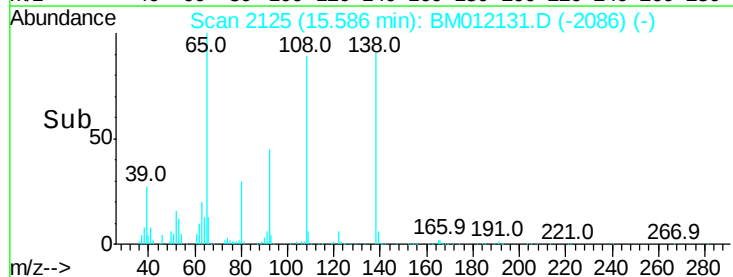
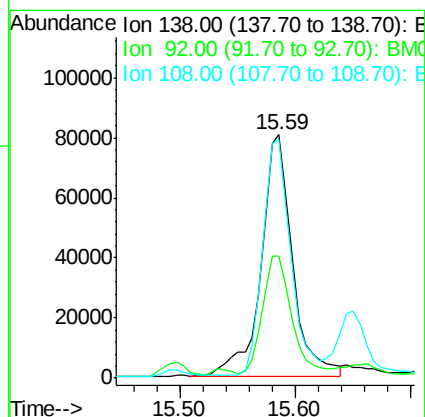
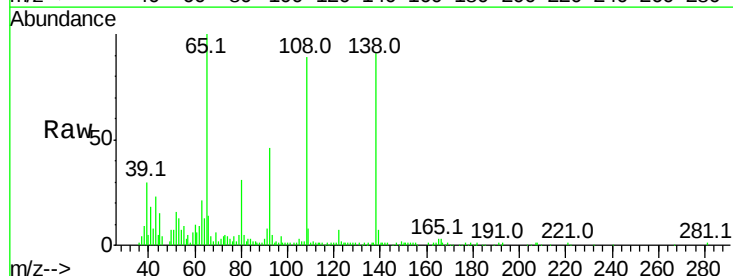
Instrument :
BNA_M
ClientSampled :

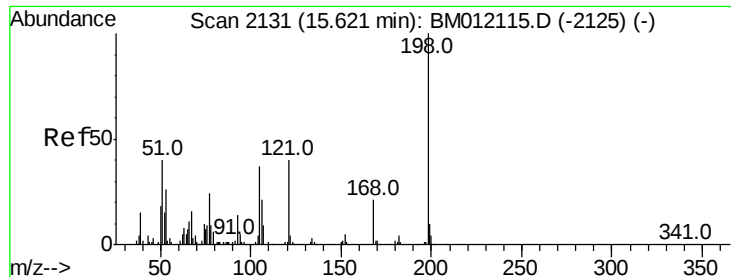
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	56.3	44.3	66.5



#60
4-Nitroaniline
Concen: 17.712 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. 0.03 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	40.0	60.0
108	97.9	80.0	120.0

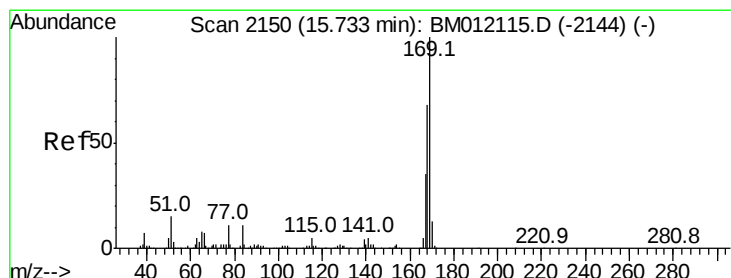
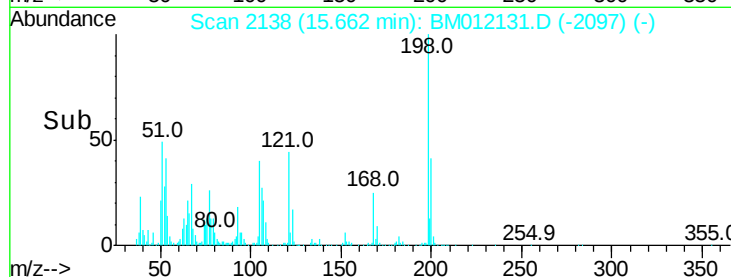
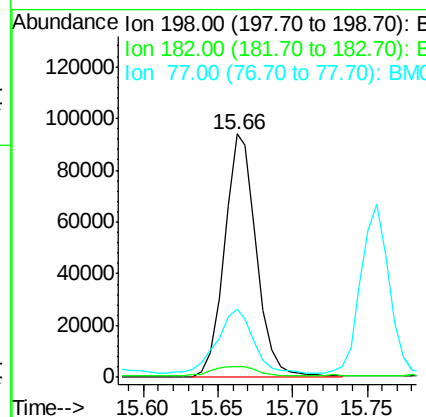
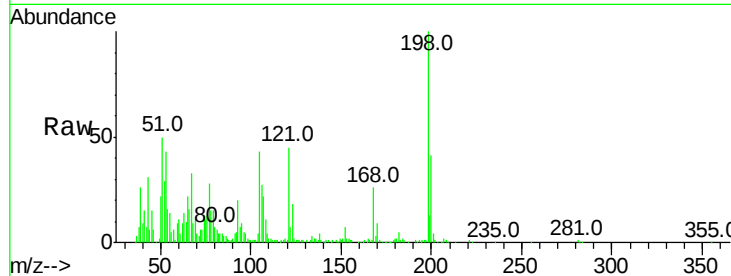




#63
4,6-Dinitro-2-methylphenol
Concen: 15.973 ng/ul
RT: 15.66 min Scan# 2138
Delta R.T. 0.04 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

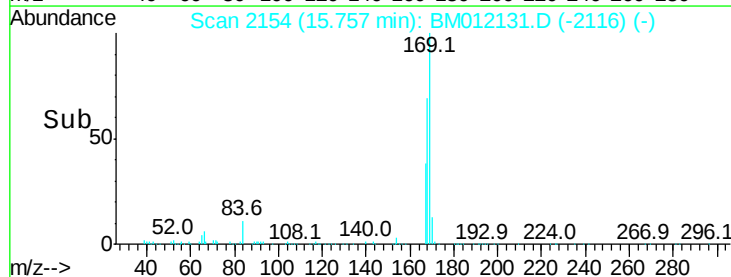
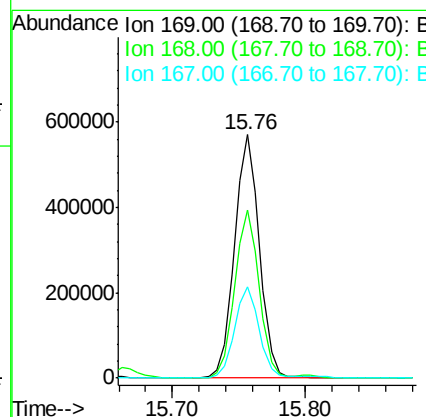
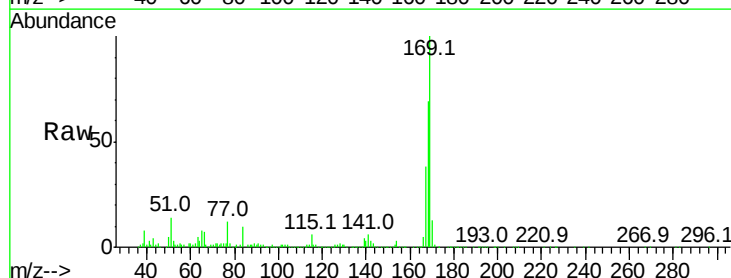
Instrument :
BNA_M
ClientSampleId :

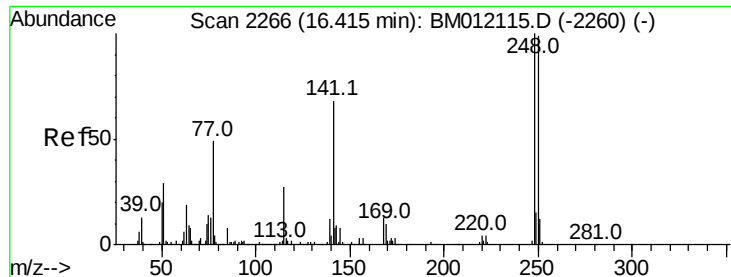
Tot Ion:198 Resp: 140940
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 28.1 25.2 37.8



#64
N-Nitrosodiphenylamine
Concen: 19.467 ng/ul
RT: 15.76 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion:169 Resp: 742105
Ion Ratio Lower Upper
169 100
168 69.1 54.0 81.0
167 37.6 29.1 43.7

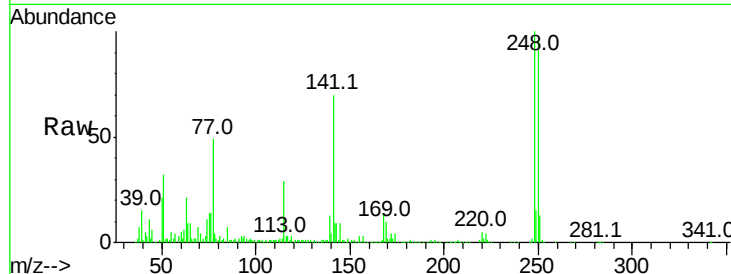




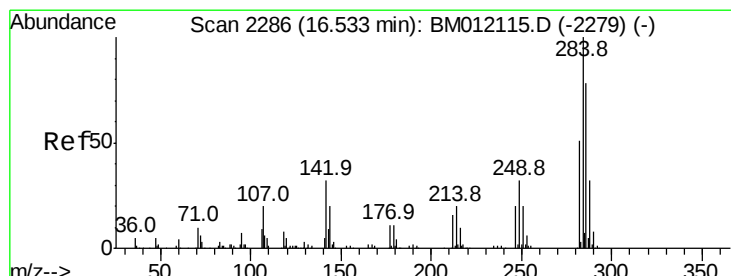
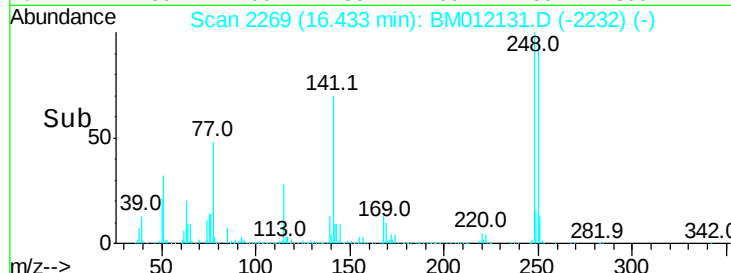
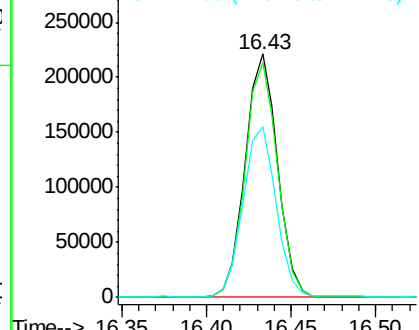
#65
4-Bromophenyl-phenylether
Concen: 20.284 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.5	120.7
141	70.3	53.6	80.4

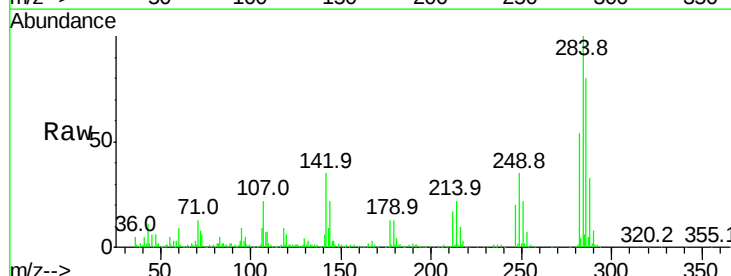


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

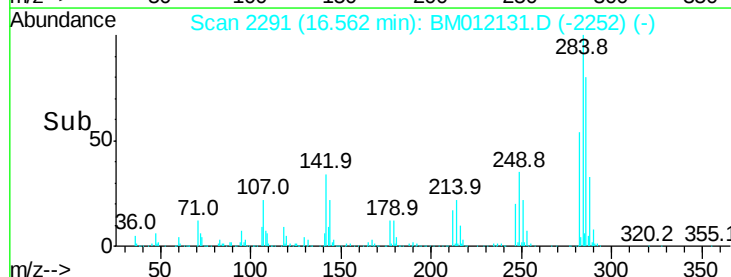
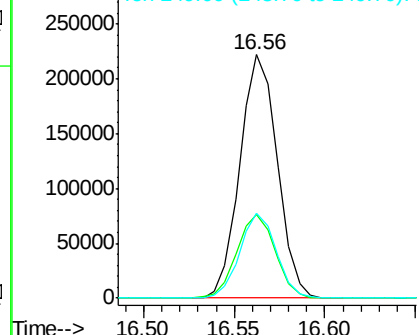


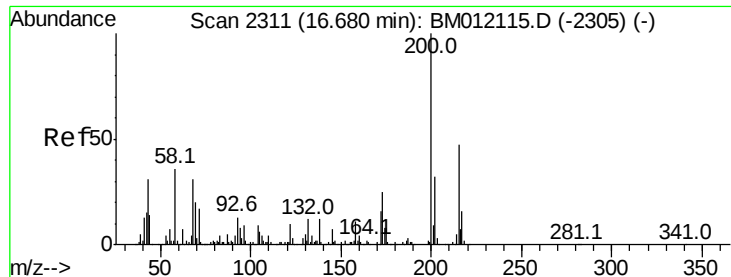
#66
Hexachlorobenzene
Concen: 19.317 ng/ul
RT: 16.56 min Scan# 2291
Delta R.T. 0.03 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	21.2	31.8#
249	34.8	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

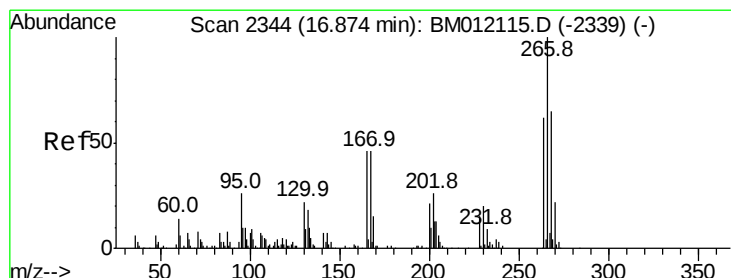
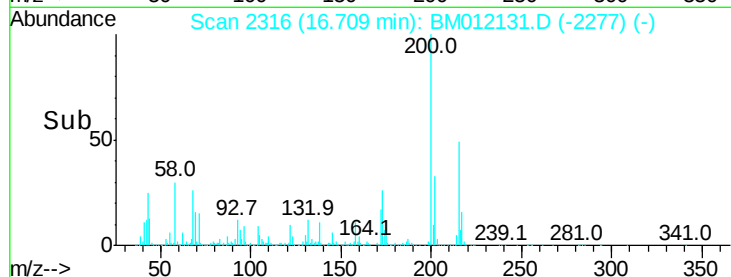
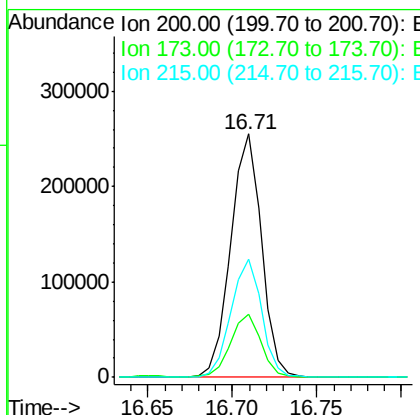
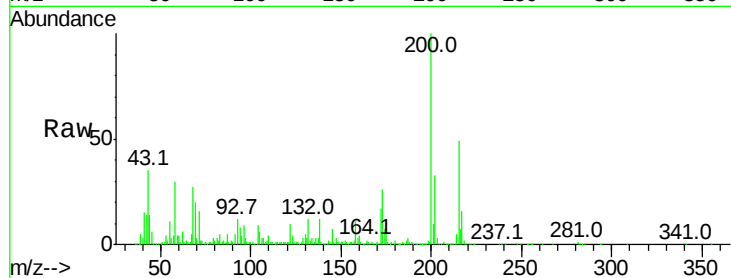




#67
Atrazine
Concen: 20.193 ng/ul
RT: 16.71 min Scan# 2316
Delta R.T. 0.03 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

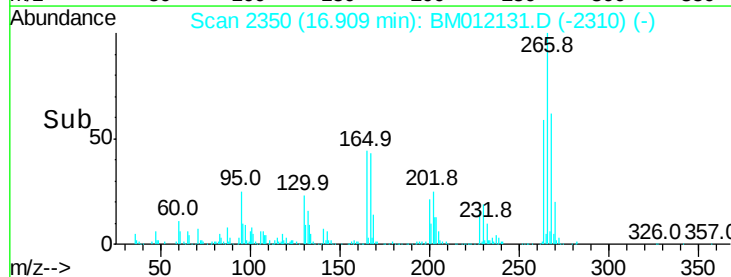
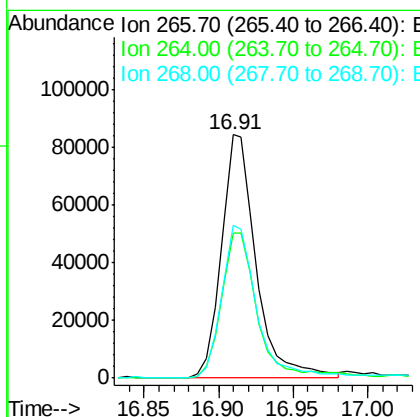
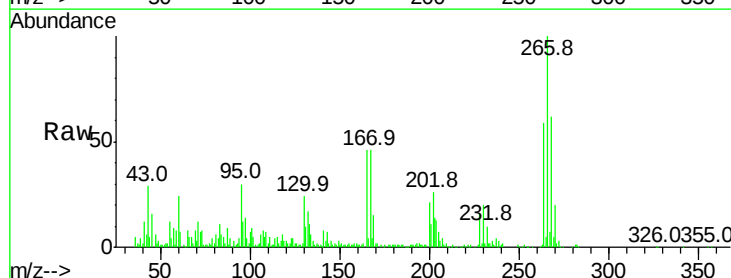
Instrument :
BNA_M
ClientSampleId :

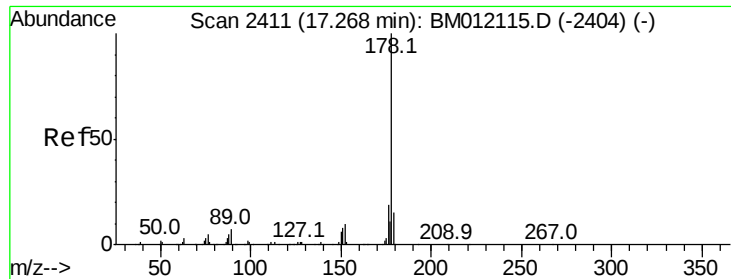
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	18.2	27.2
215	48.8	35.0	52.4



#68
Pentachlorophenol
Concen: 14.990 ng/ul
RT: 16.91 min Scan# 2350
Delta R.T. 0.04 min
Lab File: BM012131.D
Acq: 13 Oct 2017 11:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.5	49.3	73.9
268	62.5	52.6	78.8





#69

Phenanthrene

Concen: 19.512 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

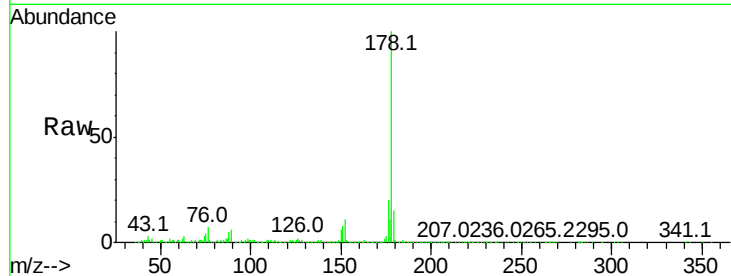
Tot Ion:178 Resp: 1351839

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

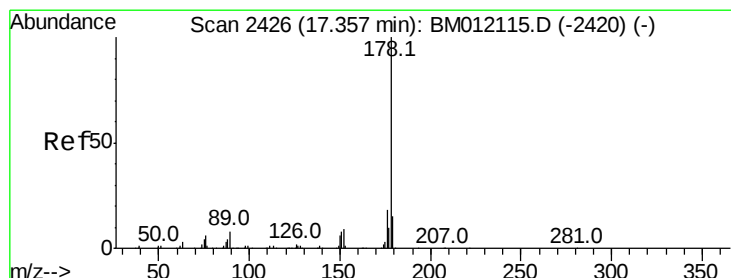
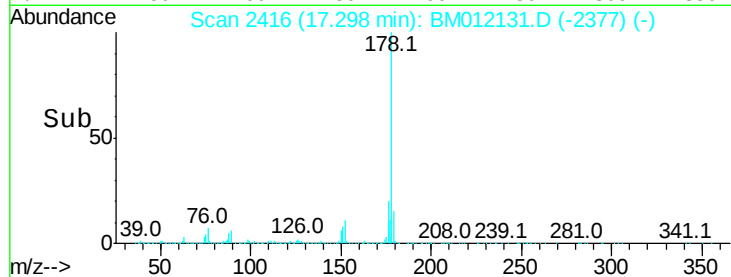
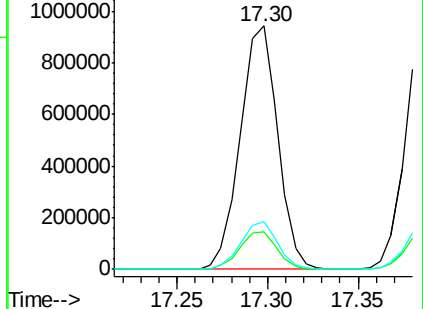
176 19.6 14.9 22.3



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: 19.698 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

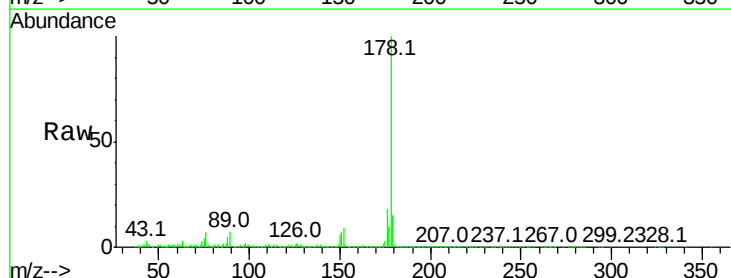
Tgt Ion:178 Resp: 1412868

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

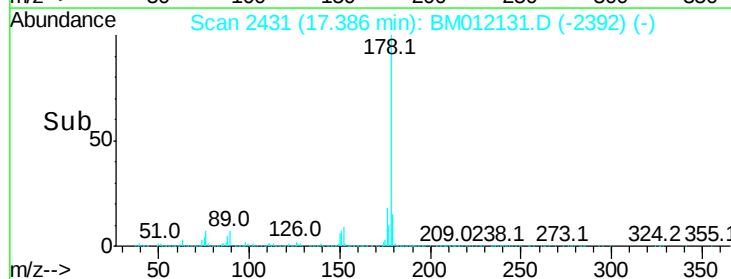
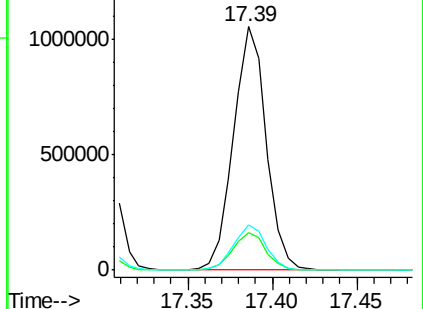
176 18.5 14.6 21.8

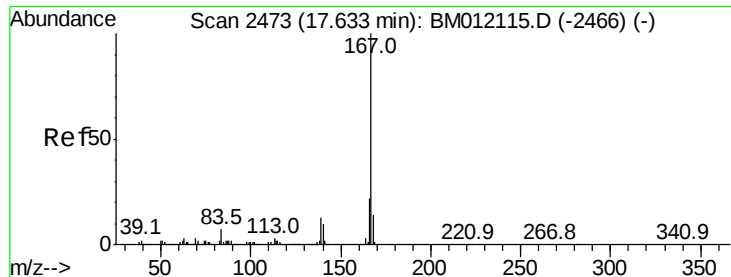


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.729 ng/ul

RT: 17.66 min Scan# 2478

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

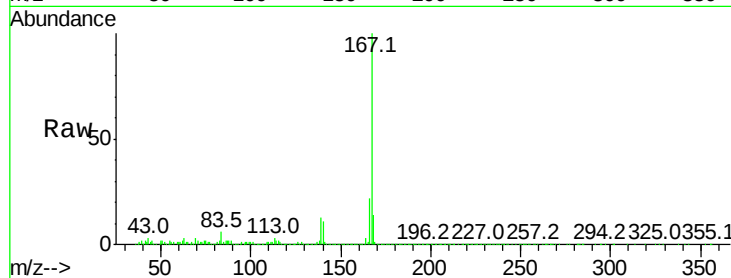
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 1197619

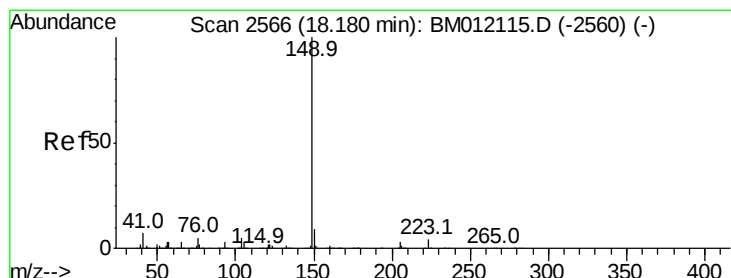
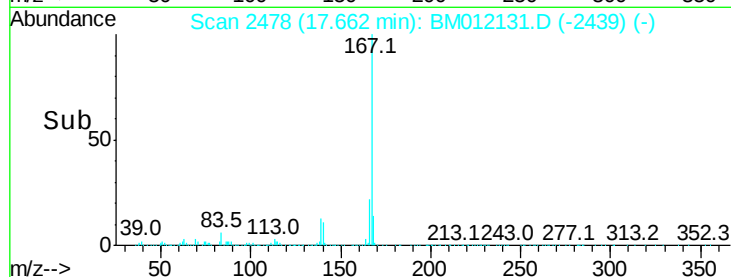
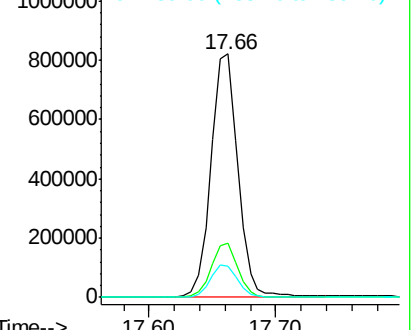
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.9	10.0	15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 19.831 ng/ul

RT: 18.20 min Scan# 2569

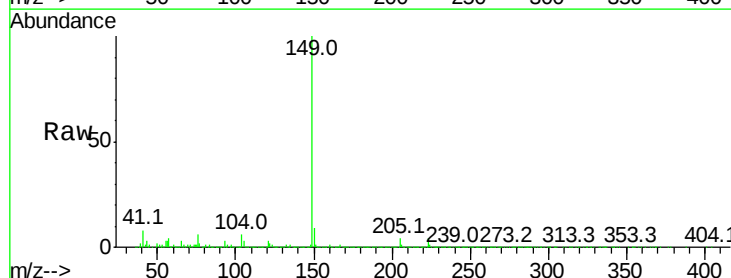
Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:149 Resp: 1671344

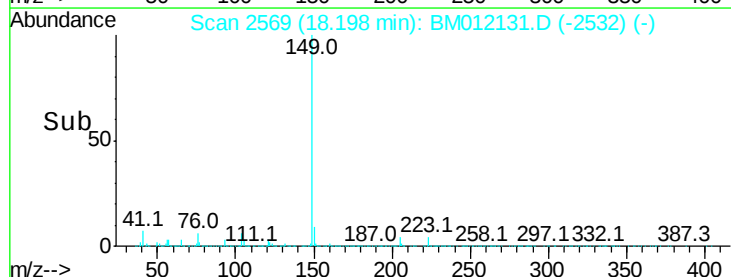
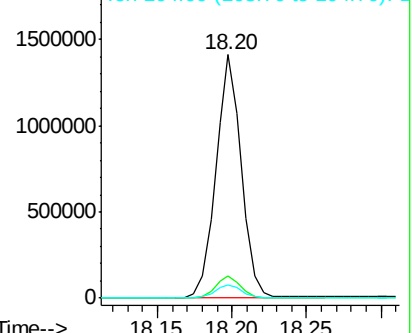
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.6	5.6	8.4

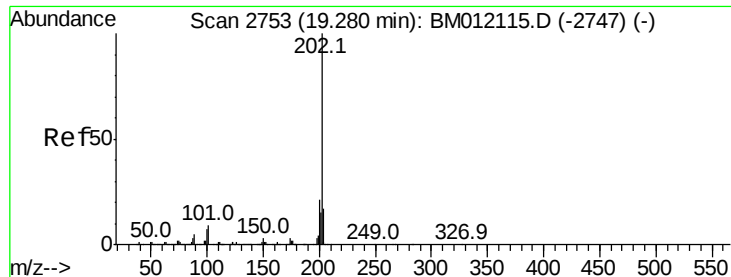


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.255 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

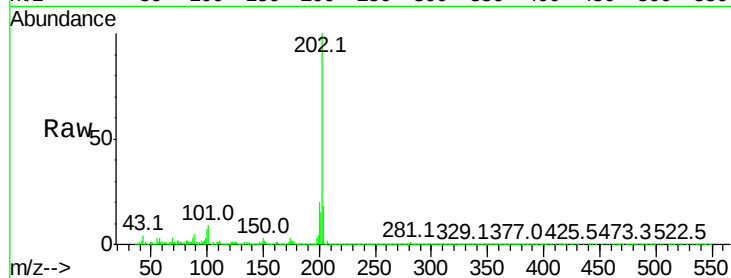
Tot Ion:202 Resp: 1693519

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

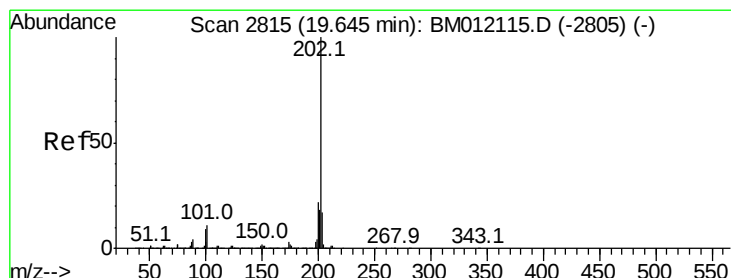
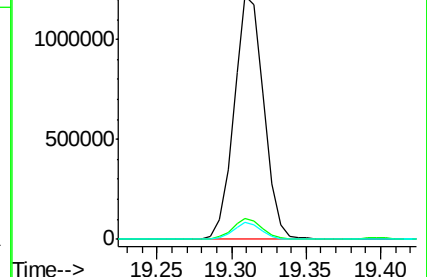
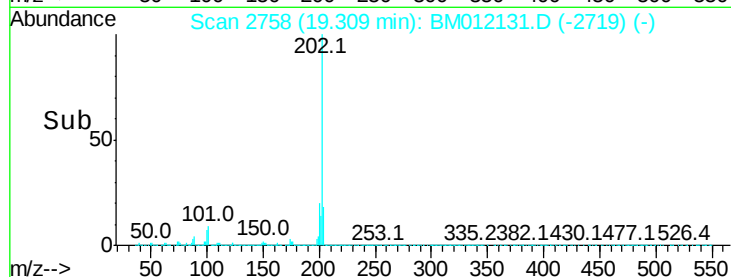
100 6.9 3.4 5.2#



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: 16.282 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

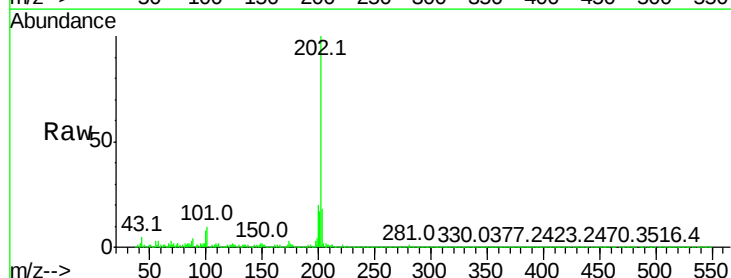
Tgt Ion:202 Resp: 1773953

Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

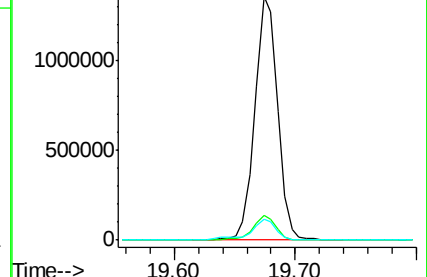
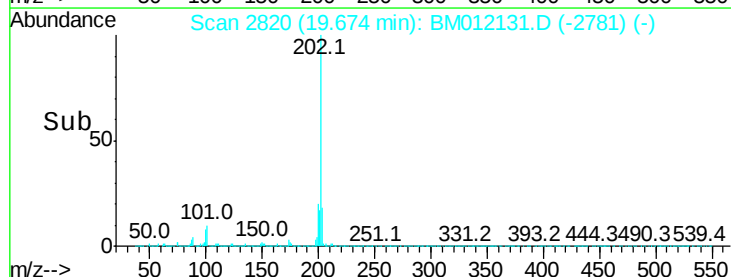
100 8.4 4.9 7.3#

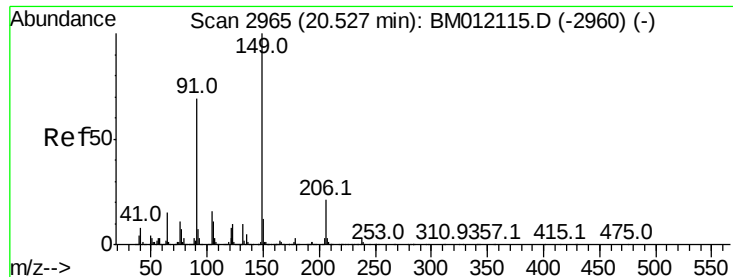


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 16.674 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

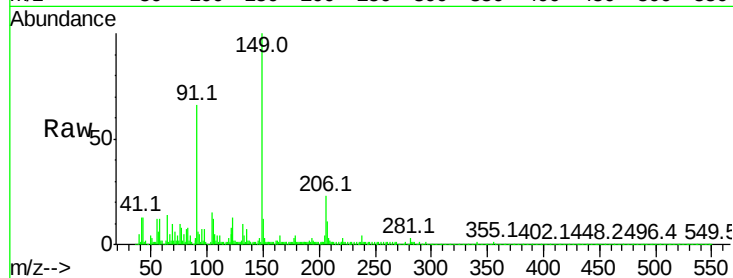
Tot Ion:149 Resp: 808706

Ion Ratio Lower Upper

149 100

91 66.2 62.7 94.1

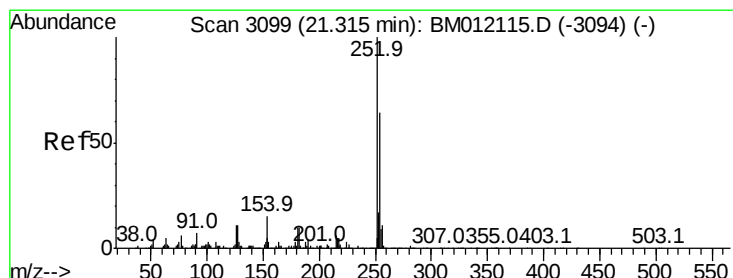
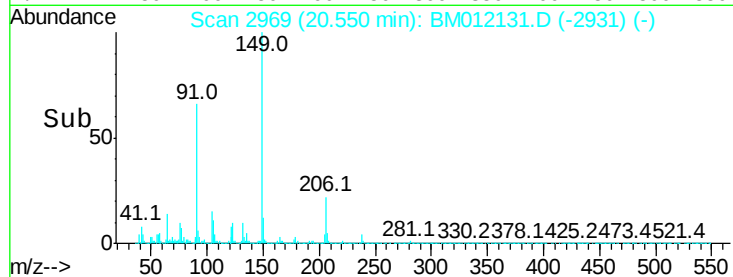
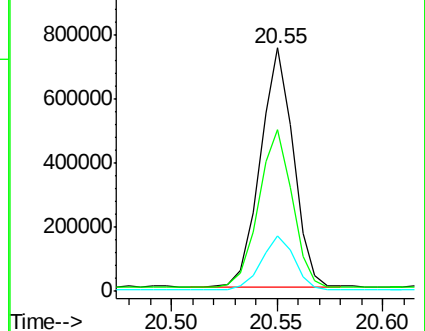
206 22.7 20.8 31.2



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: 14.619 ng/ul

RT: 21.34 min Scan# 3104

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

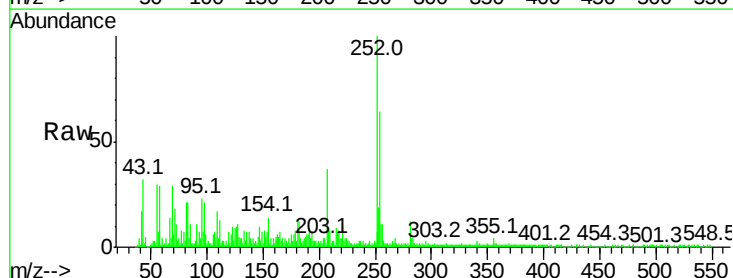
Tgt Ion:252 Resp: 479979

Ion Ratio Lower Upper

252 100

254 64.3 54.5 81.7

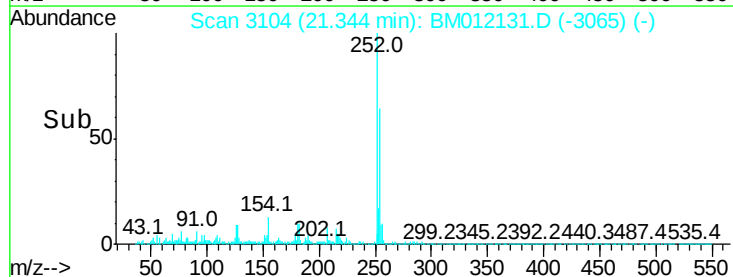
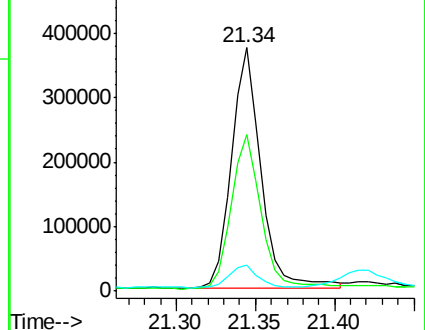
126 10.5 5.8 8.8#

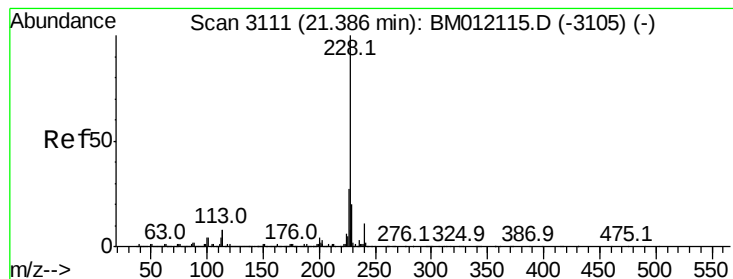


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.866 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

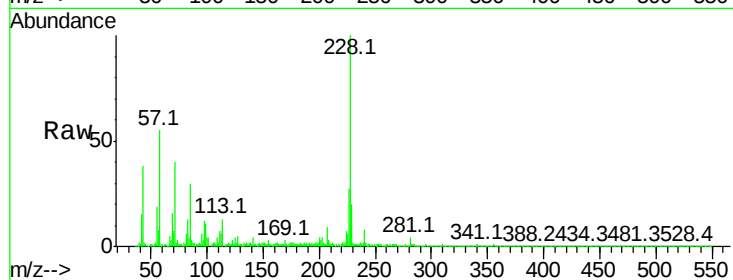
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2132557

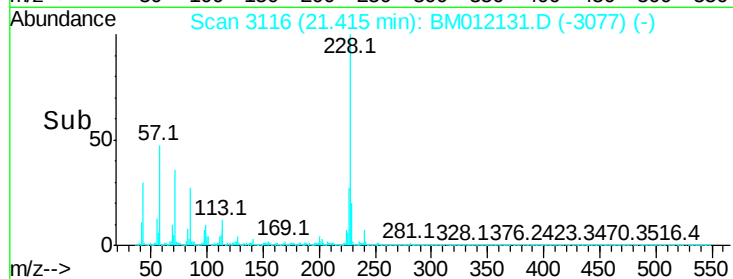
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	27.3	21.4	32.0



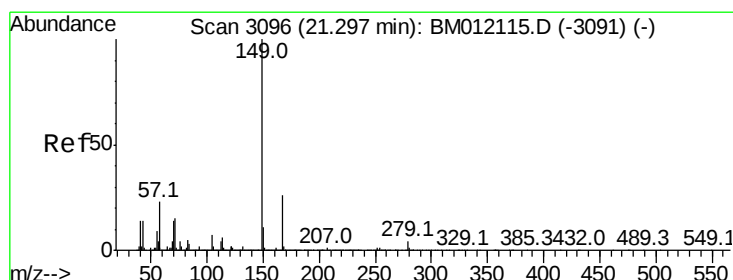
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 16.772 ng/ul

RT: 21.32 min Scan# 3099

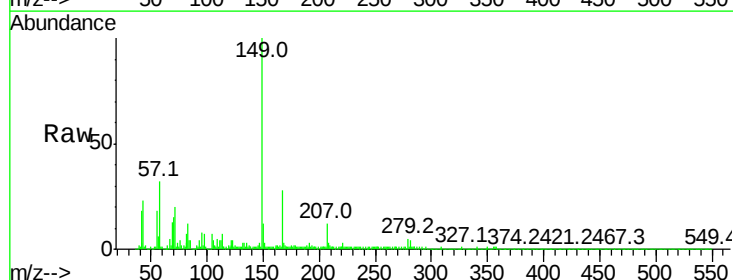
Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:149 Resp: 1220567

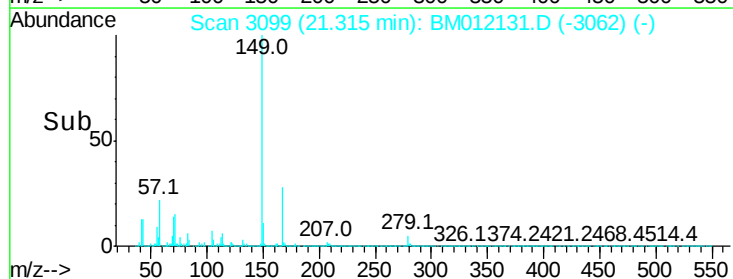
Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	5.3	4.9	7.3



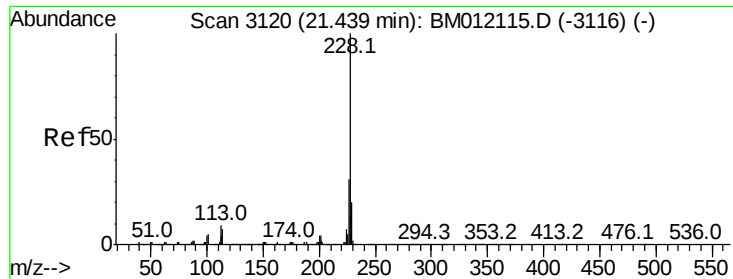
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#82

Chrysene

Concen: 17.854 ng/ul

RT: 21.47 min Scan# 3125

Delta R.T. 0.03 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

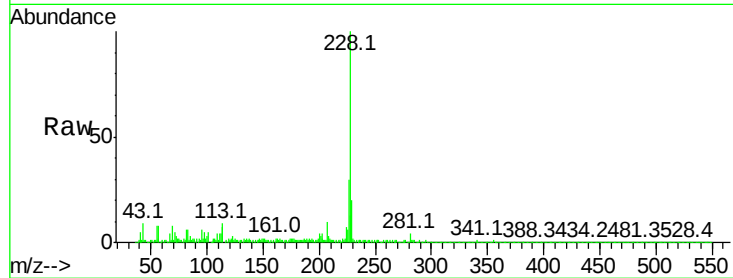
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1799418

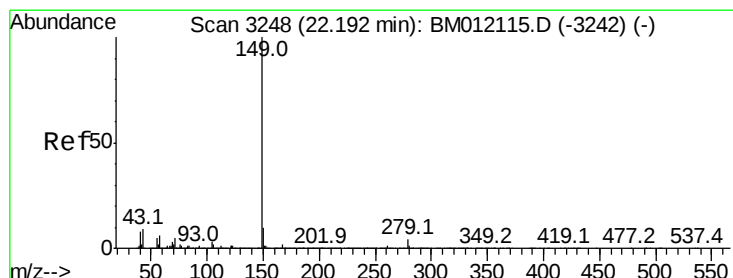
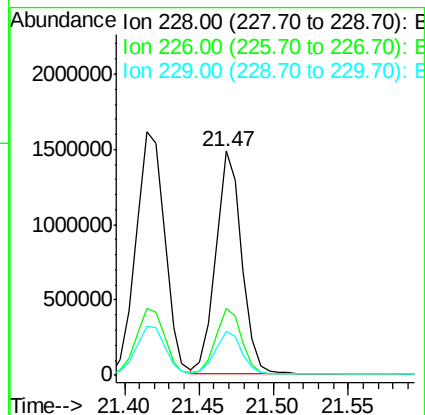
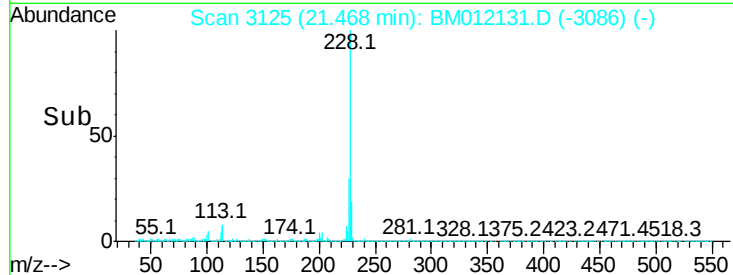
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.9	15.5	23.3



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: 20.576 ng/ul

RT: 22.21 min Scan# 3252

Delta R.T. 0.02 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

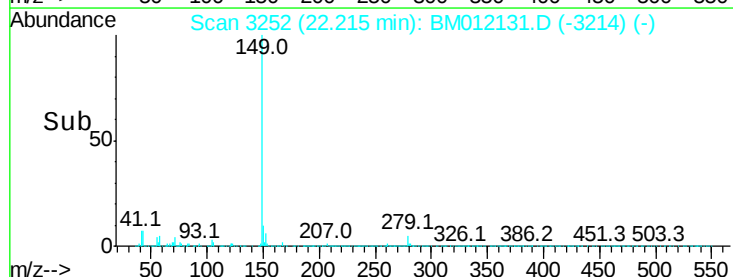
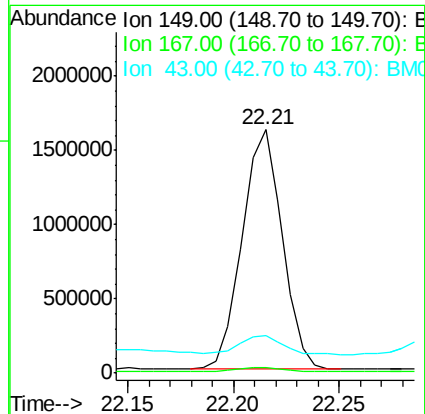
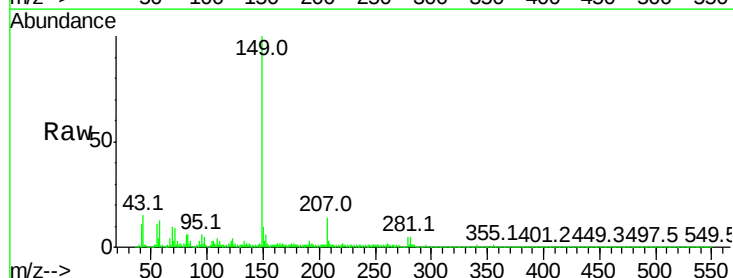
Tgt Ion:149 Resp: 2115109

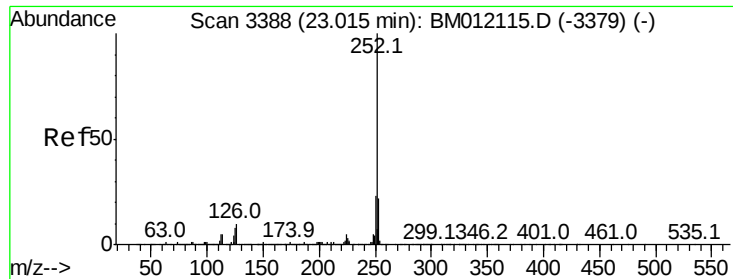
Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.3	1.9#
43	15.4	7.3	10.9#

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: 20.418 ng/ul

RT: 23.06 min Scan# 3396

Delta R.T. 0.05 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampled :

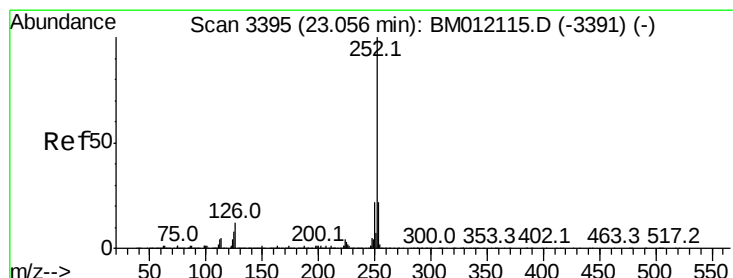
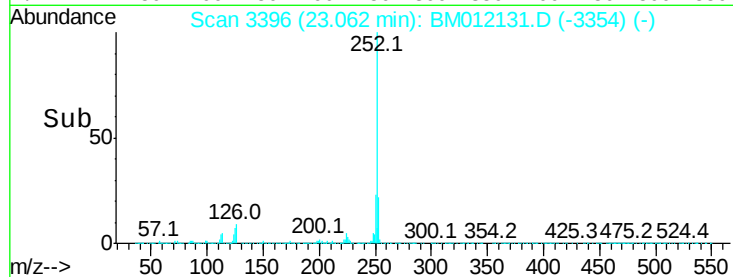
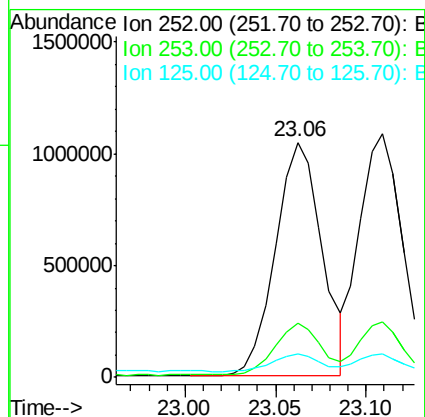
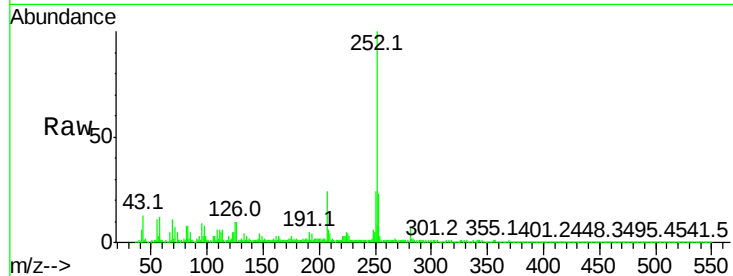
Tot Ion:252 Resp: 1873462

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 9.9 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 20.065 ng/ul

RT: 23.11 min Scan# 3404

Delta R.T. 0.05 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

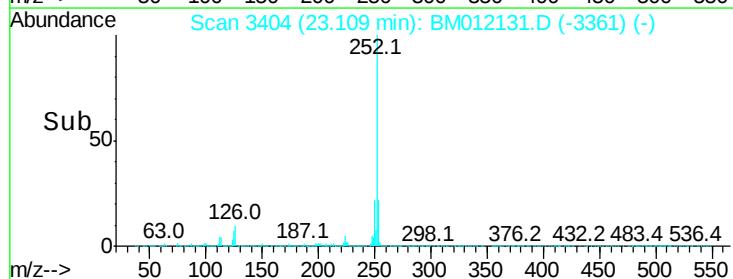
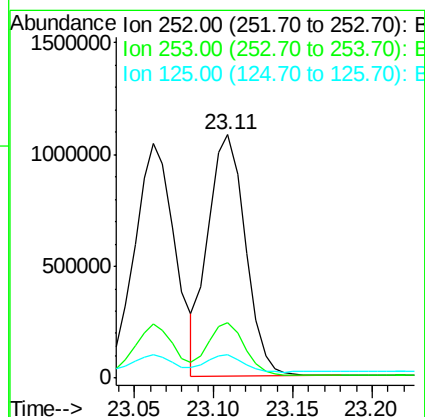
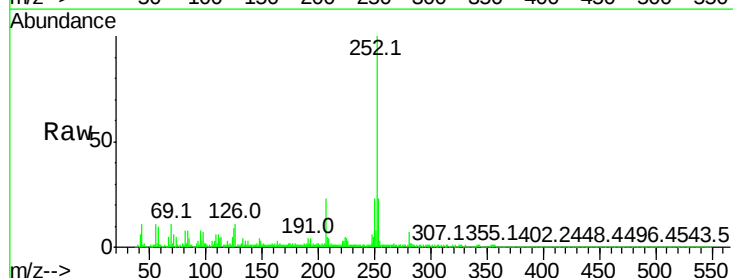
Tgt Ion:252 Resp: 1774204

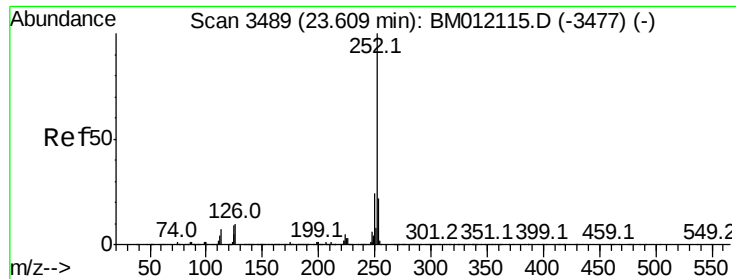
Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 9.4 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.069 ng/ul

RT: 23.67 min Scan# 3500

Delta R.T. 0.06 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

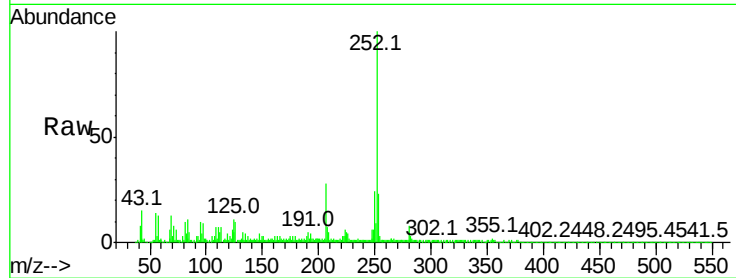
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 1735574

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.0	4.0	6.0

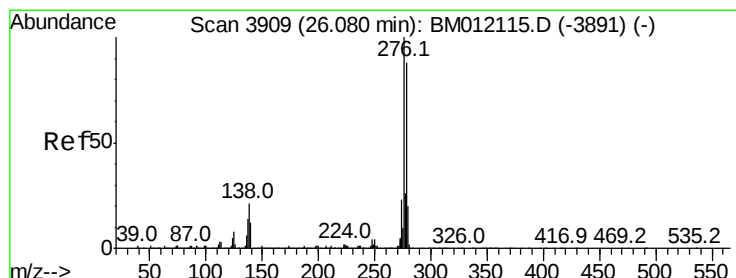
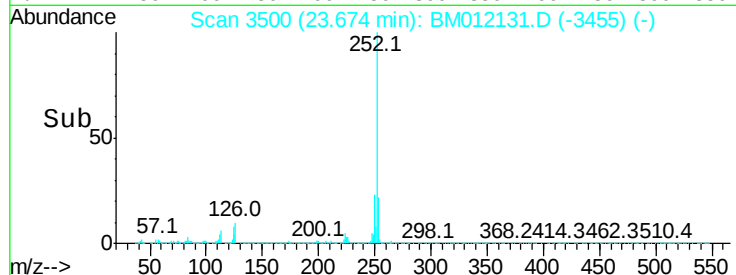
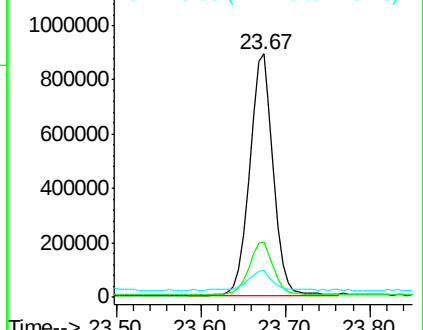


Abundance

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: 17.831 ng/ul

RT: 26.17 min Scan# 3925

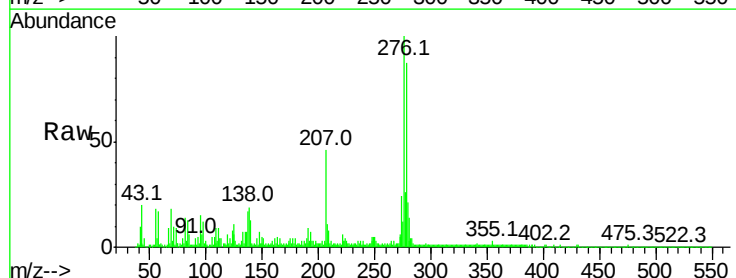
Delta R.T. 0.09 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:276 Resp: 1637516

Ion	Ratio	Lower	Upper
276	100		
138	19.4	9.3	13.9
277	25.5	19.9	29.9

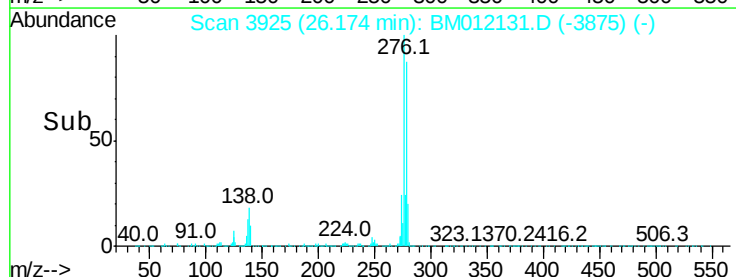
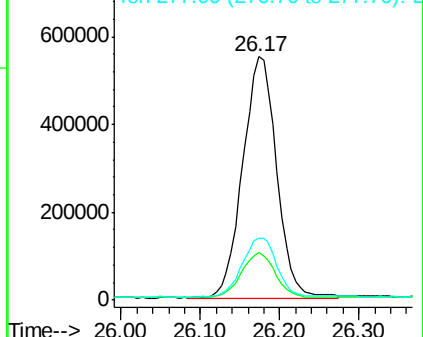


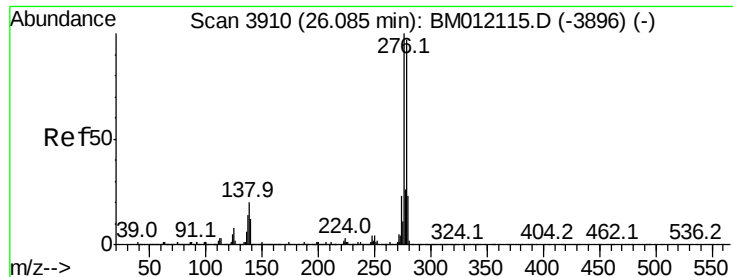
Abundance

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: 17.679 ng/ul

RT: 26.17 min Scan# 3925

Delta R.T. 0.09 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Instrument :

BNA_M

ClientSampleId :

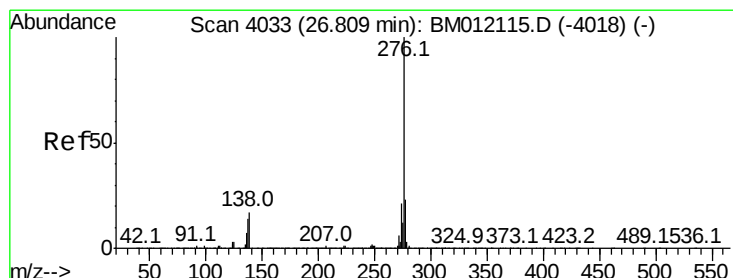
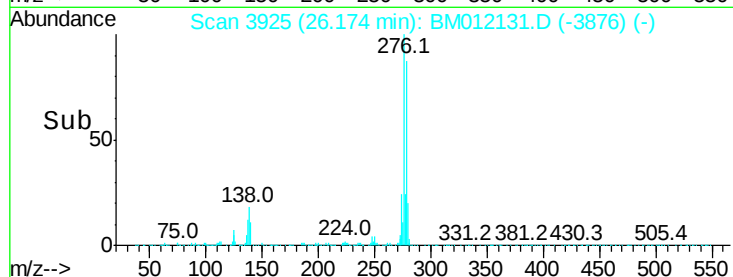
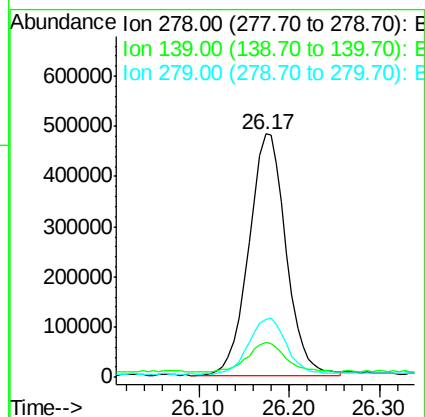
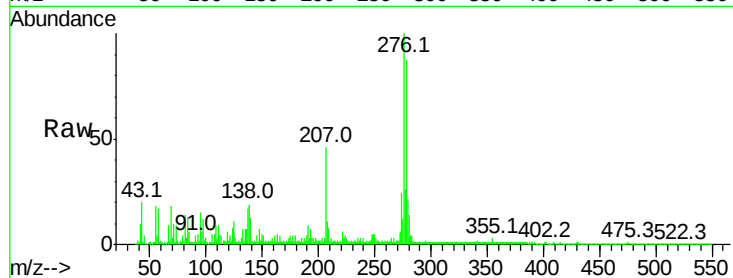
Tot Ion:278 Resp: 1364882

Ion	Ratio	Lower	Upper
278	100		
139	14.4	5.8	8.8#
279	23.9	18.6	27.8

278 100

139 14.4 5.8 8.8#

279 23.9 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 17.438 ng/ul

RT: 26.92 min Scan# 4052

Delta R.T. 0.11 min

Lab File: BM012131.D

Acq: 13 Oct 2017 11:30

Tgt Ion:276 Resp: 1311673

Ion	Ratio	Lower	Upper
276	100		
138	17.0	8.5	12.7#
277	25.5	18.6	28.0

276 100

138 17.0 8.5 12.7#

277 25.5 18.6 28.0

