

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012071.D
 Acq On : 11 Oct 2017 14:04
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	211853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	884250	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	521121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1193072	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1348102	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1395520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	37807	8.44	ng/uL	0.00
5) Phenol-d5	7.00	99	348371	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	213509	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	306894	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	292266	18.55	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	139976	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	162178	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	302873	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	366532	23.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	923098	20.44	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1114753	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	146358	18.55	ng/ul	0.00
57) Fluorene-d10	15.48	176	787121	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	155990	19.43	ng/ul	0.00
70) Anthracene-d10	17.33	188	1223166	20.81	ng/ul	0.00
76) Pyrene-d10	19.62	212	1370713	22.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1384311	20.62	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	38474	8.453	ng/uL#	71
4) Benzaldehyde	6.98	77	202182	22.260	ng/ul	90
6) Phenol	7.03	94	341995	18.962	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.26	93	264979	19.566	ng/ul	95
10) 2-Chlorophenol	7.40	128	291906	20.429	ng/ul	97
11) 2-Methylphenol	8.28	108	257336	18.760	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	338096	19.521	ng/ul#	87
14) Acetophenone	8.67	105	428327	18.578	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	227732	19.302	ng/ul#	72
16) 4-Methylphenol	8.61	108	280660	18.279	ng/ul	92
17) Hexachloroethane	8.92	117	120205	20.967	ng/ul	81
20) Nitrobenzene	9.05	77	330430	21.720	ng/ul	93
21) Isophorone	9.57	82	593935	20.936	ng/ul	95
23) 2-Nitrophenol	9.76	139	163553	21.940	ng/ul#	78
24) 2,4-Dimethylphenol	9.81	107	328332	20.536	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.05	93	361264	20.739	ng/ul	93
27) 2,4-Dichlorophenol	10.29	162	287631	20.796	ng/ul#	90
28) Naphthalene	10.69	128	906872	20.445	ng/ul	99
30) 4-Chloroaniline	10.80	127	355012	23.133	ng/ul	95
31) Hexachlorobutadiene	10.97	225	209558	20.651	ng/ul#	89
32) Caprolactam	11.59	113	87933	19.391	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.93	107	302858	20.144	ng/ul	95
34) 2-Methylnaphthalene	12.30	142	663689	19.622	ng/ul	97

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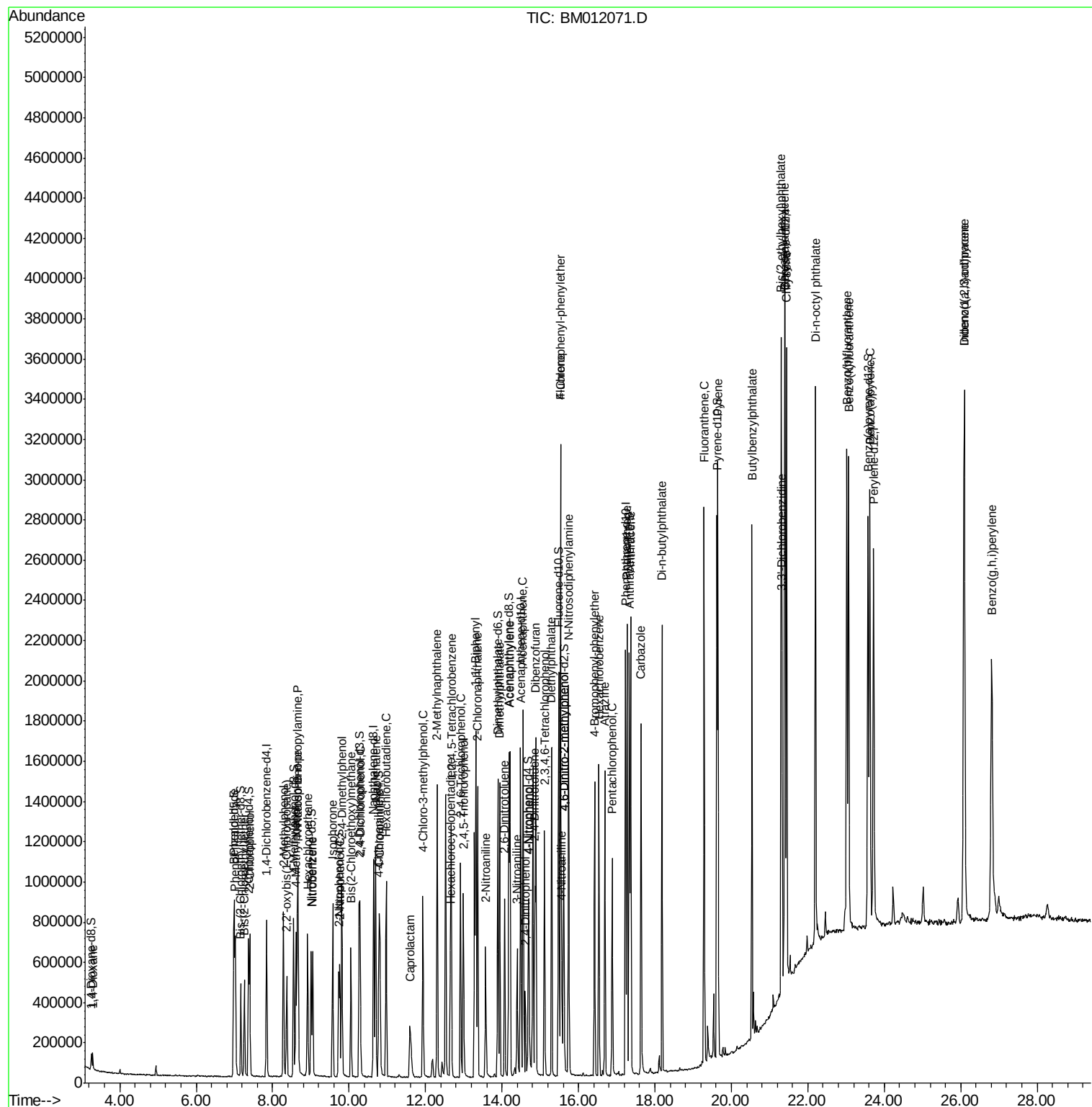
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	367209	20.772	ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	167146	16.245	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	245323	21.849	ng/ul	98
39) 2,4,5-Trichlorophenol	12.99	196	255327	21.606	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	862508	20.701	ng/ul	98
41) 2-Chloronaphthalene	13.36	162	682302	20.928	ng/ul	99
42) 2-Nitroaniline	13.57	65	193226	23.347	ng/ul	95
44) Dimethylphthalate	13.94	163	889952	20.482	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	177307	21.643	ng/ul	92
47) Acenaphthylene	14.21	152	1082811	21.041	ng/ul	99
48) 3-Nitroaniline	14.40	138	160836	21.135	ng/ul	88
49) Acenaphthene	14.55	153	721185	20.252	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	94665	17.485	ng/ul	97
52) 4-Nitrophenol	14.70	109	125765	19.943	ng/ul#	81
53) Dibenzofuran	14.89	168	1045810	20.235	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	256235	21.154	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.11	232	234136	20.288	ng/ul#	87
56) Diethylphthalate	15.30	149	909129	20.614	ng/ul	95
58) Fluorene	15.53	166	849538	19.684	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.53	204	448949	19.669	ng/ul	97
60) 4-Nitroaniline	15.56	138	164520	18.559	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.62	198	156526	19.084	ng/ul#	89
64) N-Nitrosodiphenylamine	15.74	169	728629	21.141	ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	274974	20.576	ng/ul	96
66) Hexachlorobenzene	16.54	284	310787	20.800	ng/ul#	90
67) Atrazine	16.69	200	284248	20.832	ng/ul	95
68) Pentachlorophenol	16.88	266	188803	20.087	ng/ul	96
69) Phenanthrene	17.27	178	1322521	20.152	ng/ul	99
71) Anthracene	17.36	178	1370570	20.525	ng/ul	99
72) Carbazole	17.63	167	1161453	20.080	ng/ul	99
73) Di-n-butylphthalate	18.19	149	1528928	22.059	ng/ul#	97
74) Fluoranthene	19.29	202	1614527	20.163	ng/ul#	90
77) Pyrene	19.65	202	1670218	22.344	ng/ul#	89
78) Butylbenzylphthalate	20.54	149	713627	24.372	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	530989	21.158	ng/ul#	95
80) Benzo(a)anthracene	21.39	228	1669373	21.616	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1073978	24.655	ng/ul#	96
82) Chrysene	21.44	228	1532319	20.882	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1777509	21.802	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1736194	20.468	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	1605202	18.955	ng/ul#	97
88) Benzo(a)pyrene	23.62	252	1670098	20.490	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1991373	22.831	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.09	278	1670839	23.313	ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	1708850	23.685	ng/ul#	93

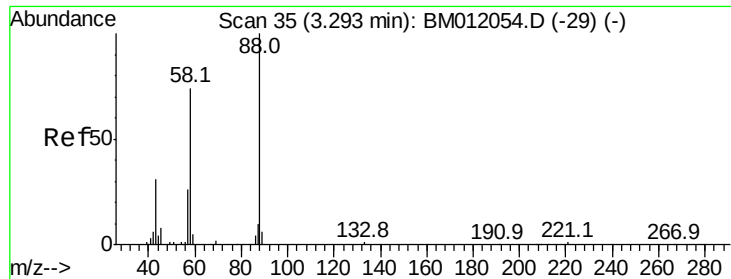
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
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 ClientSampled :

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#2

1,4-Dioxane

Concen: 8.453 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

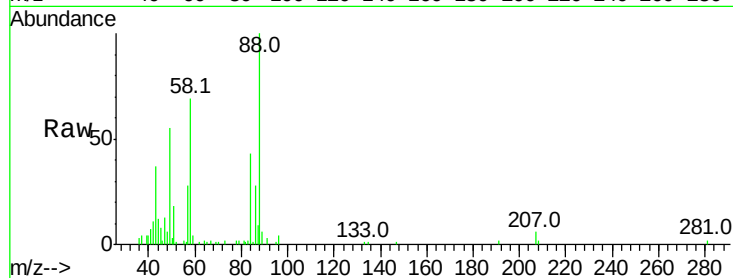
Tot Ion: 88 Resp: 38474

Ion Ratio Lower Upper

88 100

43 35.4 48.0 72.0#

58 73.0 80.0 120.0#



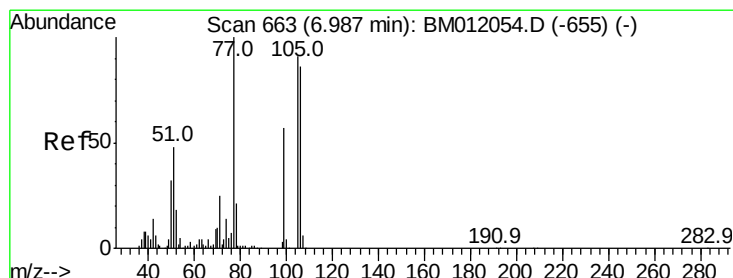
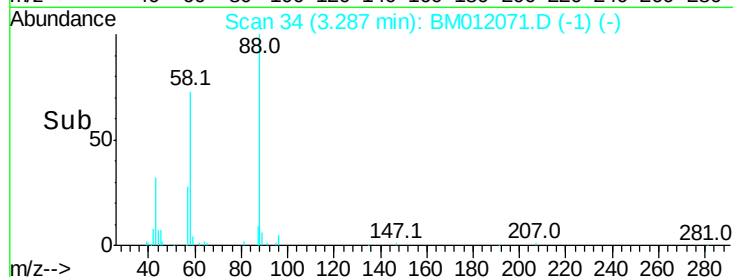
Abundance Ion 88.00 (87.70 to 88.70): BM012071.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM012071.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM012071.D (-1) (-)

3.29

Time-->



#4

Benzaldehyde

Concen: 22.260 ng/uL

RT: 6.98 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

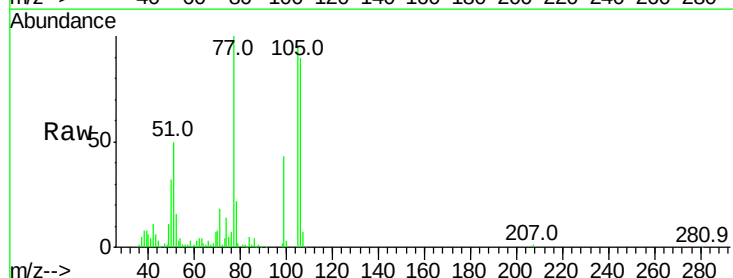
Tgt Ion: 77 Resp: 202182

Ion Ratio Lower Upper

77 100

105 96.3 66.1 99.1

106 89.9 67.8 101.6



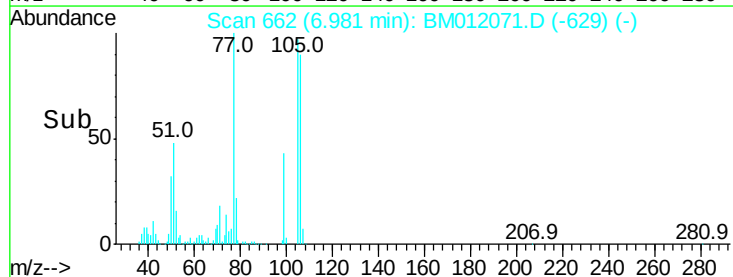
Abundance Ion 77.00 (76.70 to 77.70): BM012071.D (-629) (-)

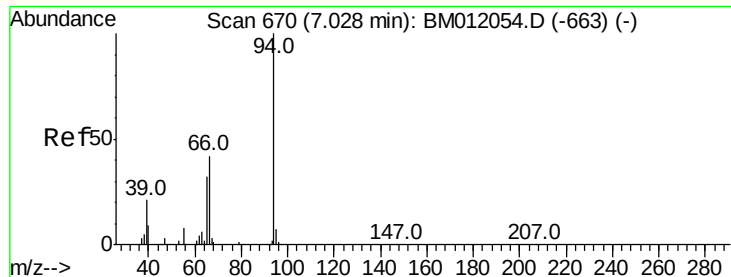
Ion 105.00 (104.70 to 105.70): BM012071.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM012071.D (-629) (-)

6.98

Time-->





#6

Phenol

Concen: 18.962 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

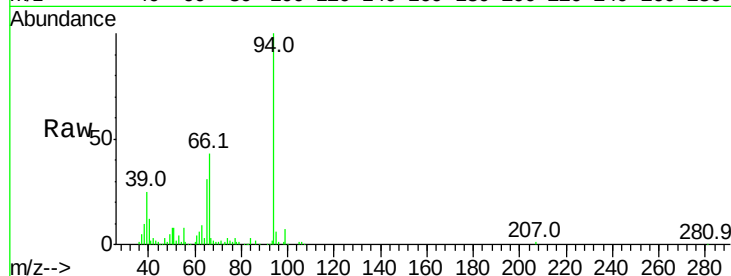
Tot Ion: 94 Resp: 341995

Ion Ratio Lower Upper

94 100

65 30.9 28.2 42.4

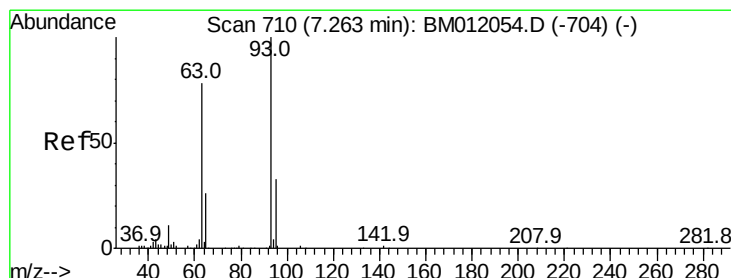
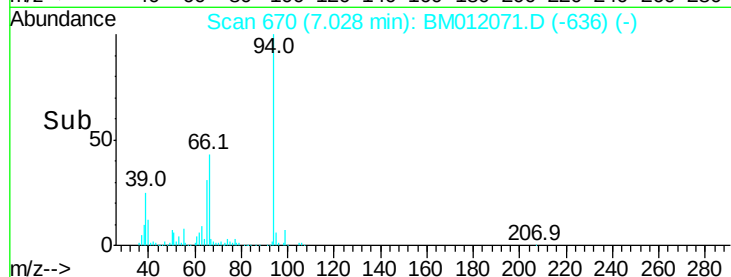
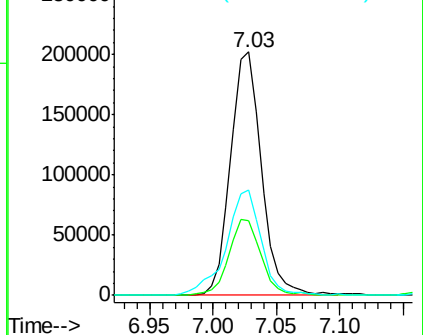
66 43.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012071.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM012071.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM012071.D (-636) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.566 ng/ul

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

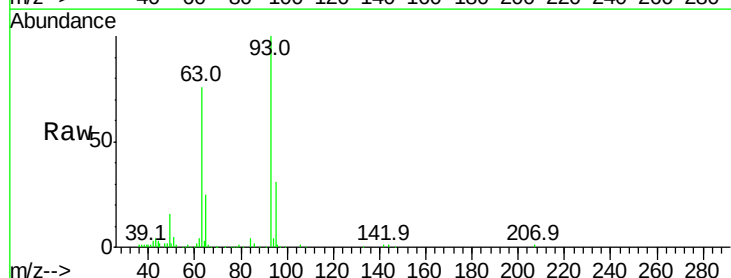
Tgt Ion: 93 Resp: 264979

Ion Ratio Lower Upper

93 100

63 75.7 57.3 85.9

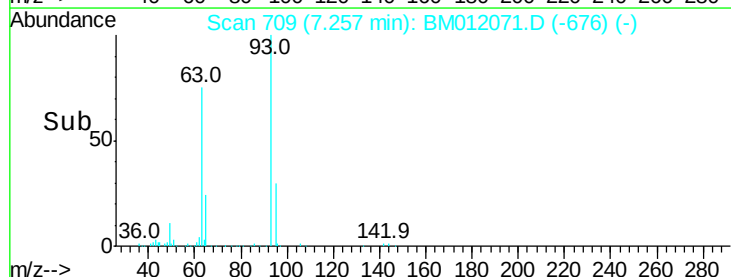
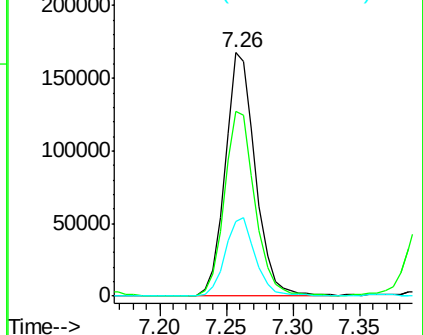
95 30.7 26.6 39.8

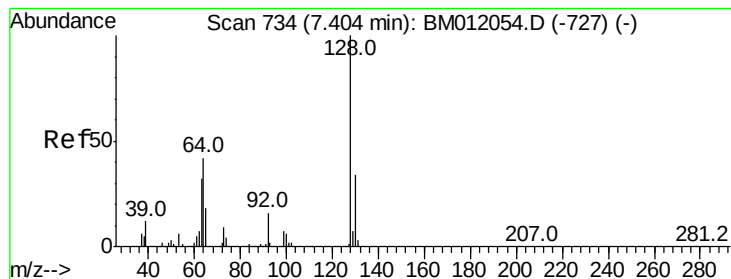


Abundance Ion 93.00 (92.70 to 93.70): BM012071.D (-676) (-)

Ion 63.00 (62.70 to 63.70): BM012071.D (-676) (-)

Ion 95.00 (94.70 to 95.70): BM012071.D (-676) (-)





#10

2-Chlorophenol

Concen: 20.429 ng/ul

RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

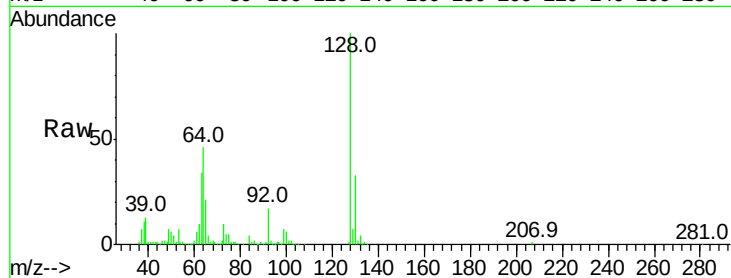
Tot Ion:128 Resp: 291906

Ion Ratio Lower Upper

128 100

64 46.3 38.0 57.0

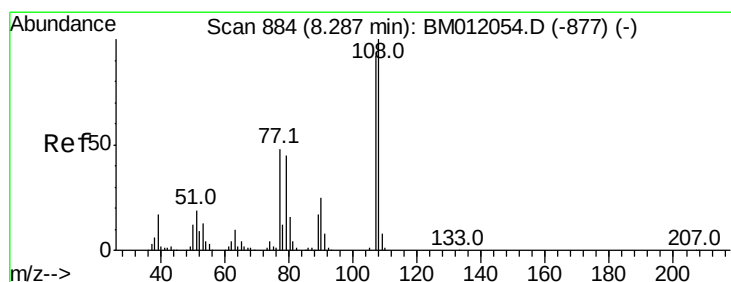
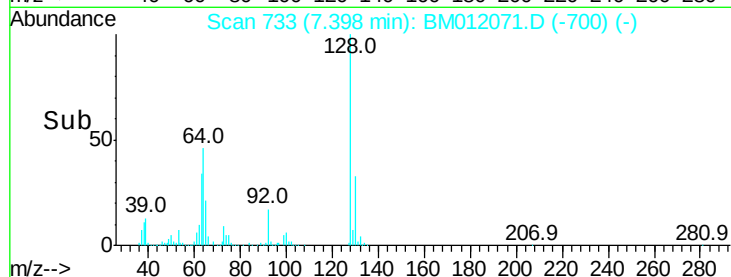
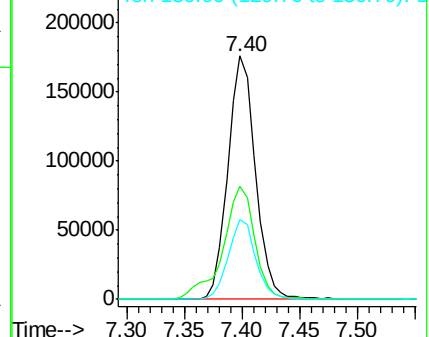
130 33.0 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.760 ng/ul

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM012071.D

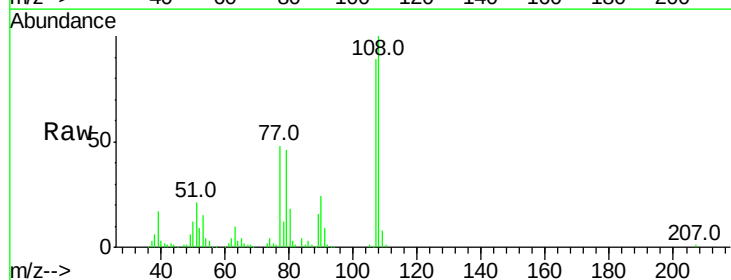
Acq: 11 Oct 2017 14:04

Tgt Ion:108 Resp: 257336

Ion Ratio Lower Upper

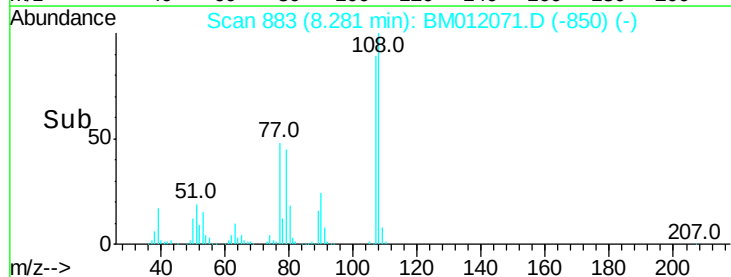
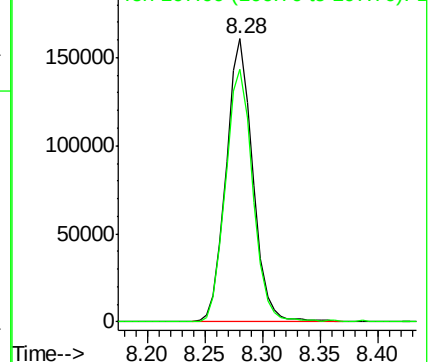
108 100

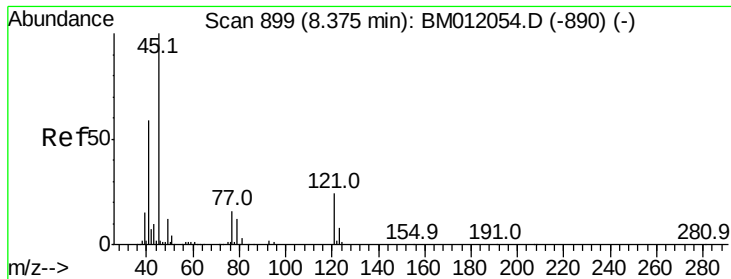
107 89.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

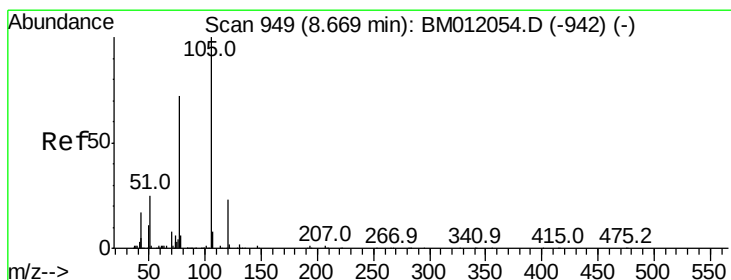
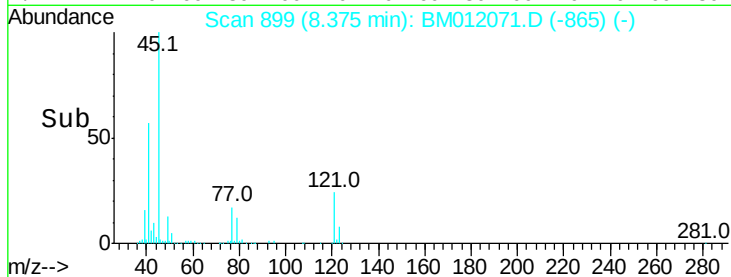
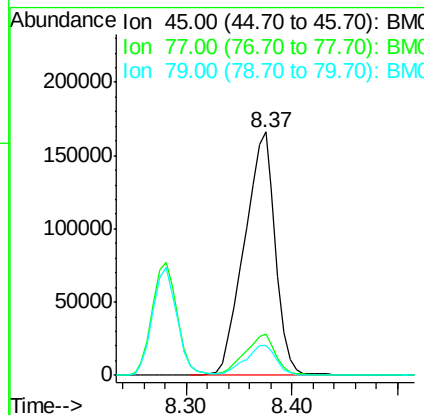
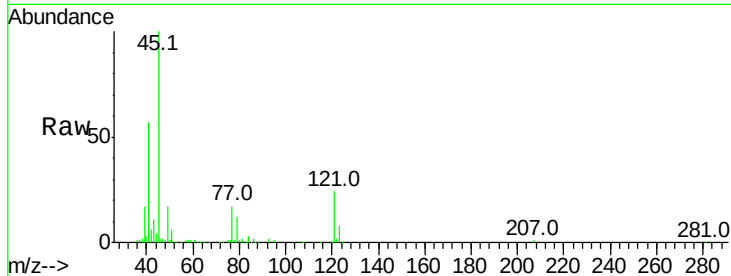




#12
2,2'-oxybis(1-chloropropane)
Concen: 19.521 ng/ul
RT: 8.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

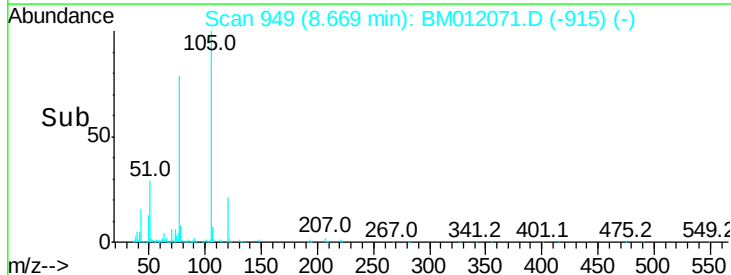
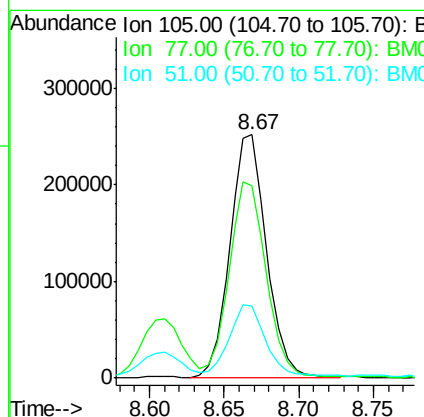
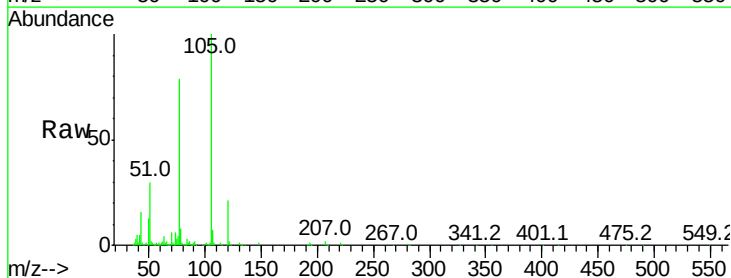
Instrument :
BNA_M
ClientSampleId :

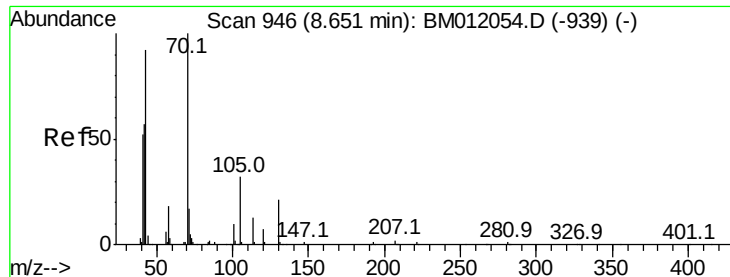
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.2	8.0	12.0#
79	12.4	8.0	12.0#



#14
Acetophenone
Concen: 18.578 ng/ul
RT: 8.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
77	78.9	74.2	111.4
51	29.6	23.4	35.2

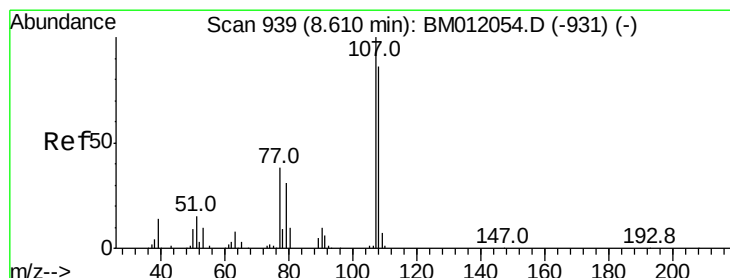
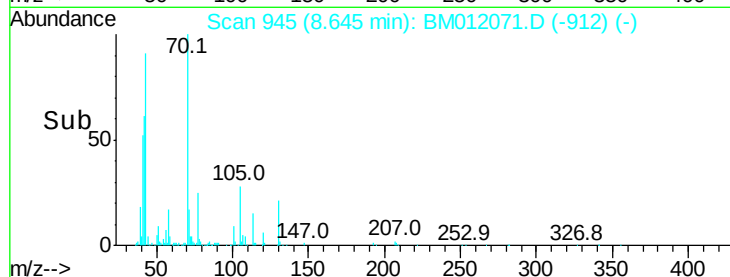
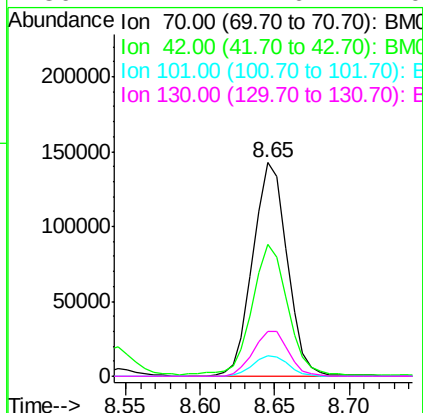
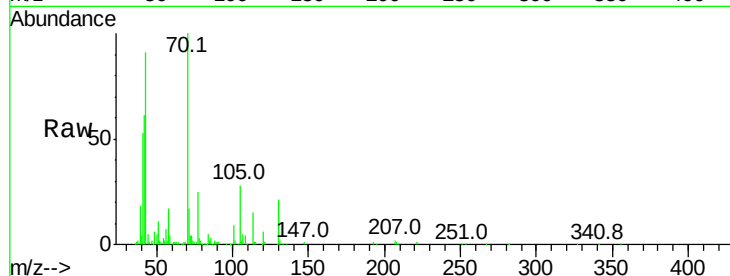




#15
N-Nitroso-di-n-propylamine
Concen: 19.302 ng/ul
RT: 8.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

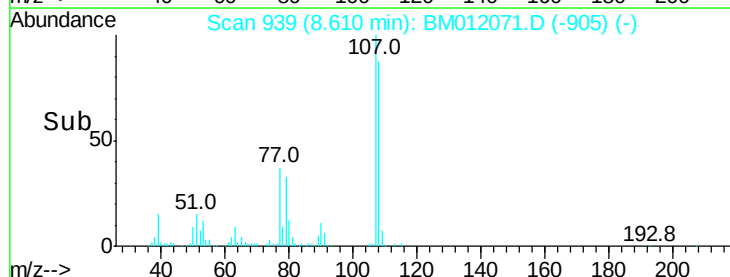
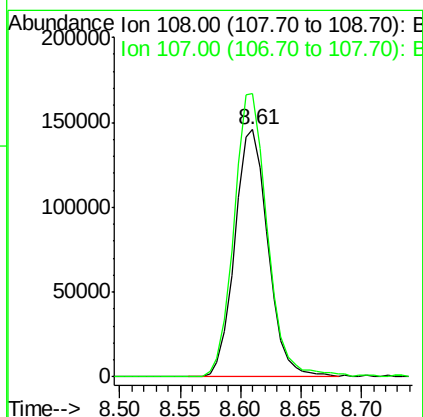
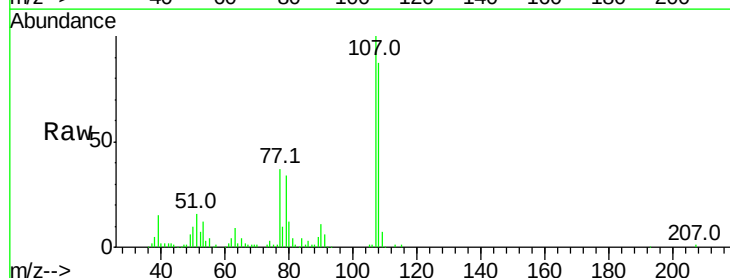
Instrument :
BNA_M
ClientSampleId :

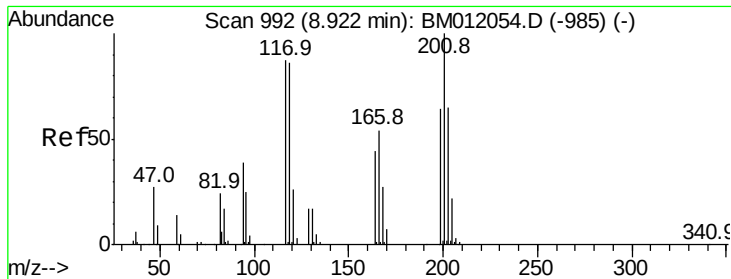
Tot Ion: 70 Resp: 227732
Ion Ratio Lower Upper
70 100
42 61.5 76.0 114.0#
101 9.3 6.7 10.1
130 21.1 14.6 22.0



#16
4-Methylphenol
Concen: 18.279 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion: 108 Resp: 280660
Ion Ratio Lower Upper
108 100
107 114.6 84.9 127.3





#17

Hexachloroethane

Concen: 20.967 ng/ul

RT: 8.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

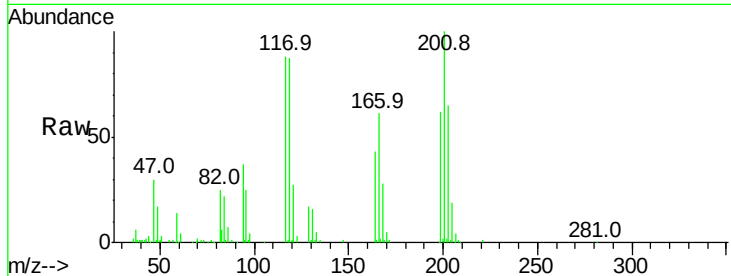
Tot Ion:117 Resp: 120205

Ion Ratio Lower Upper

117 100

201 113.8 111.6 167.4

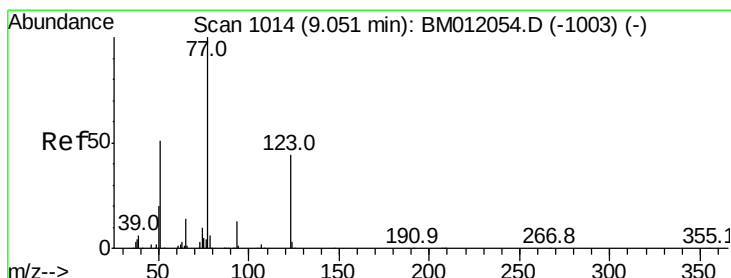
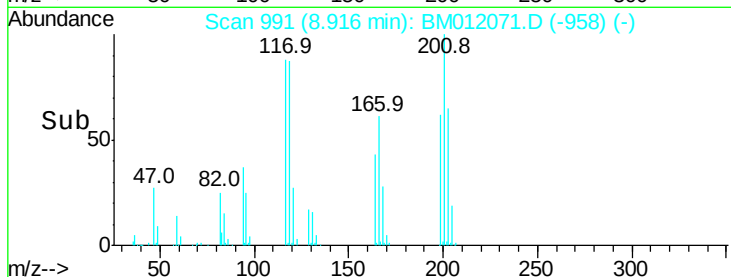
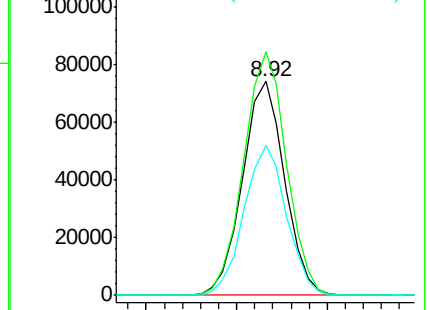
199 70.4 67.8 101.6



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: 21.720 ng/ul

RT: 9.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

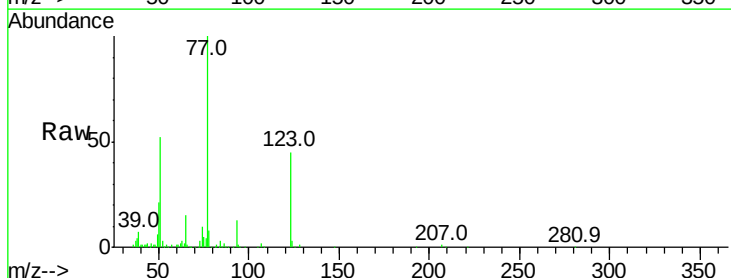
Tgt Ion: 77 Resp: 330430

Ion Ratio Lower Upper

77 100

123 44.5 31.0 46.6

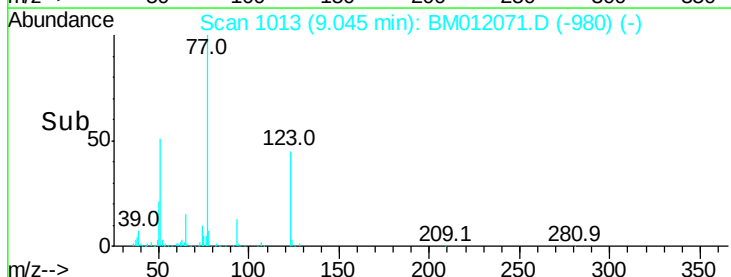
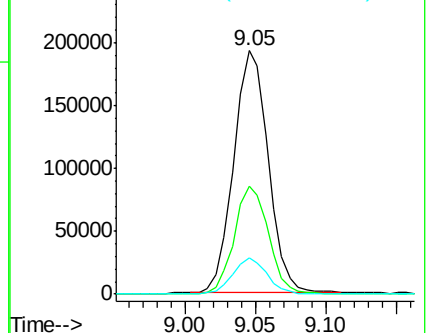
65 14.8 12.2 18.2

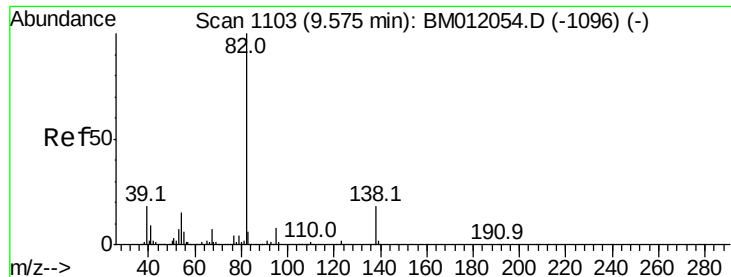


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.936 ng/ul

RT: 9.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampled :

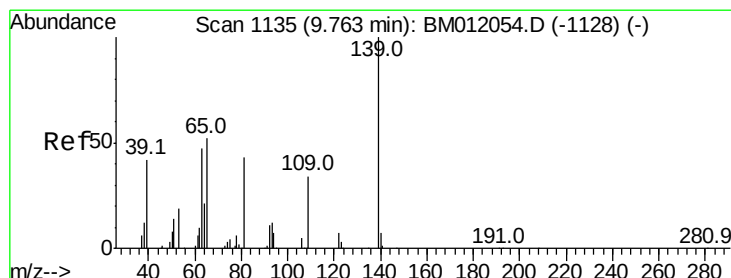
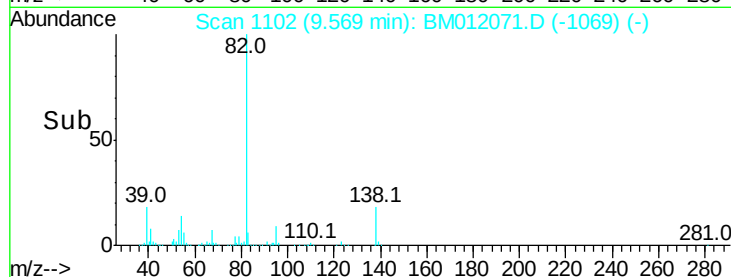
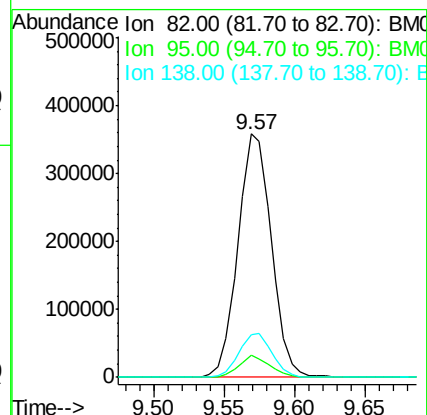
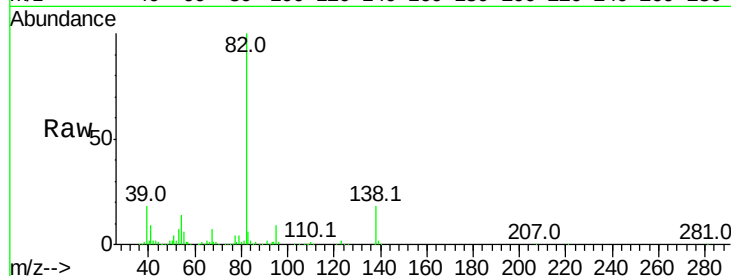
Tot Ion: 82 Resp: 593935

Ion Ratio Lower Upper

82 100

95 8.8 7.8 11.8

138 17.8 11.9 17.9



#23

2-Nitrophenol

Concen: 21.940 ng/ul

RT: 9.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

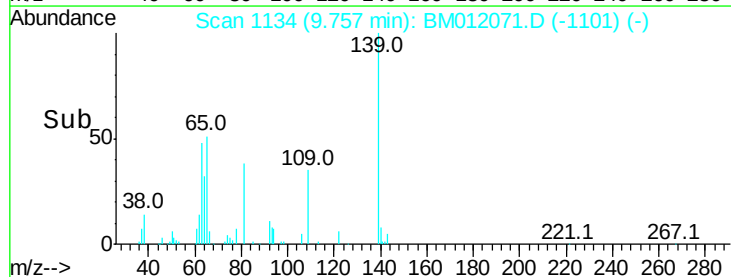
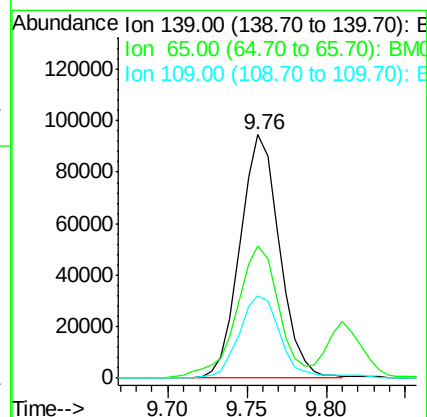
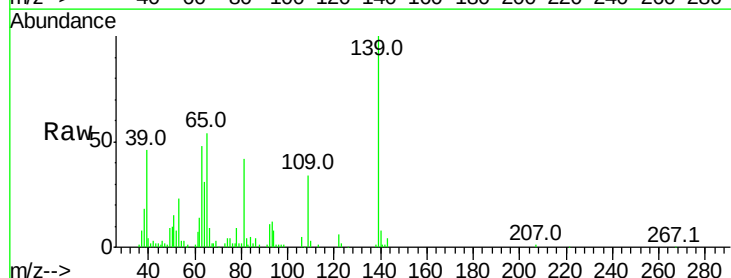
Tgt Ion: 139 Resp: 163553

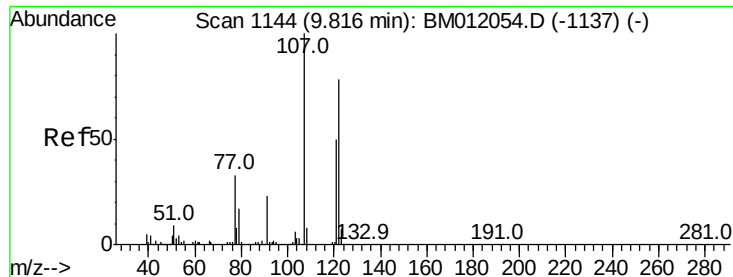
Ion Ratio Lower Upper

139 100

65 54.4 55.4 83.0#

109 33.9 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 20.536 ng/ul

RT: 9.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

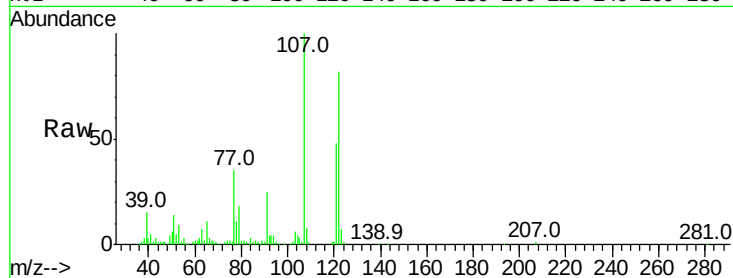
Tot Ion: 107 Resp: 328332

Ion Ratio Lower Upper

107 100

121 48.0 31.9 47.9#

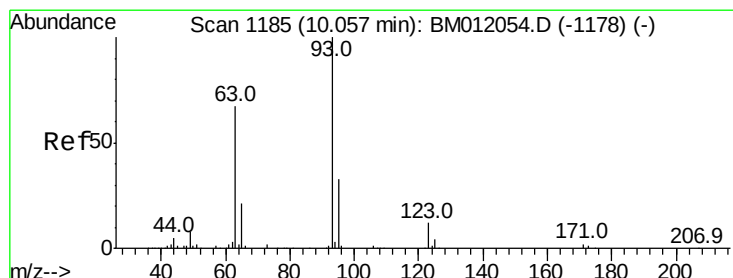
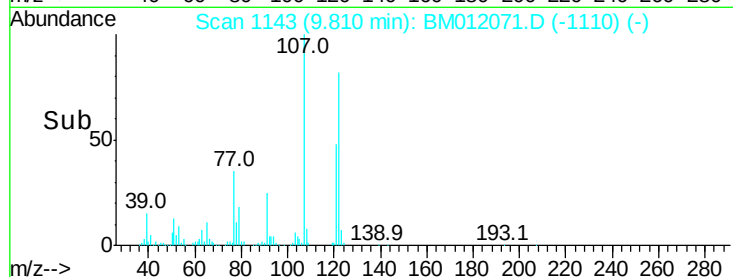
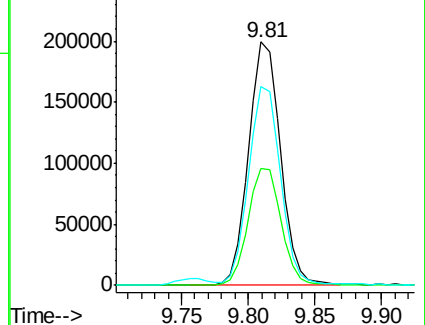
122 81.6 57.8 86.6



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: 20.739 ng/ul

RT: 10.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

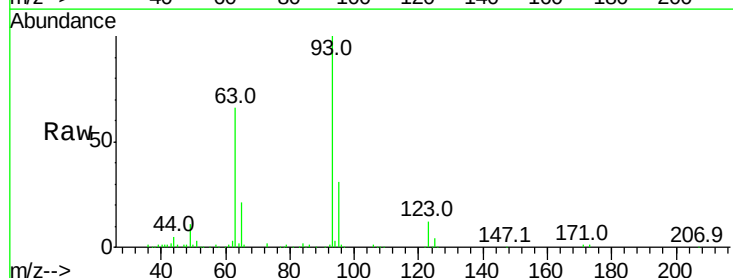
Tgt Ion: 93 Resp: 361264

Ion Ratio Lower Upper

93 100

95 30.8 28.5 42.7

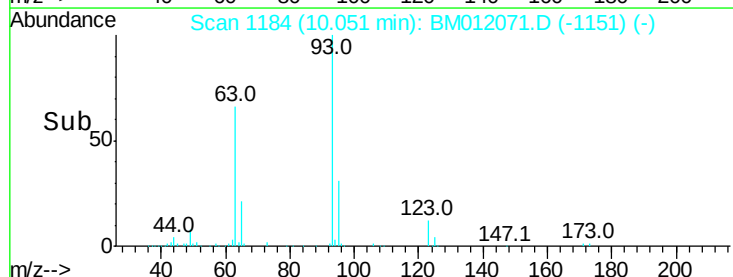
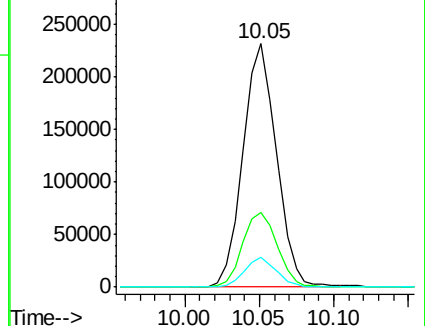
123 12.1 8.9 13.3

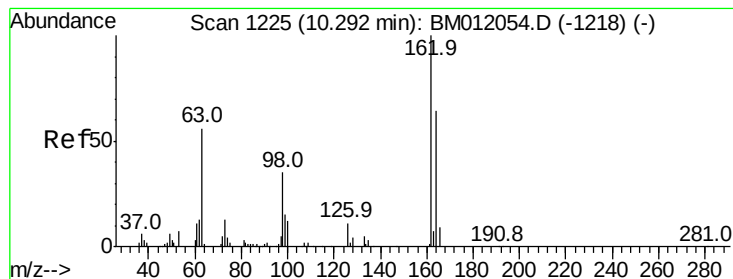


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.796 ng/ul

RT: 10.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

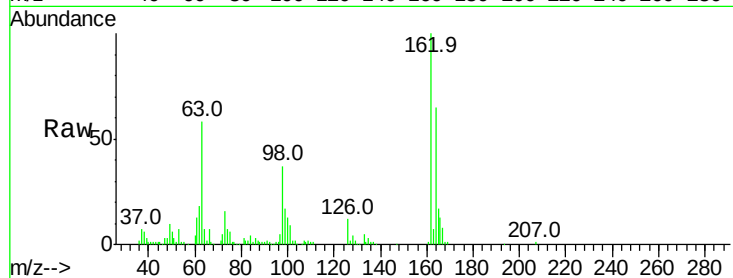
Tot Ion:162 Resp: 287631

Ion Ratio Lower Upper

162 100

164 65.3 47.8 71.6

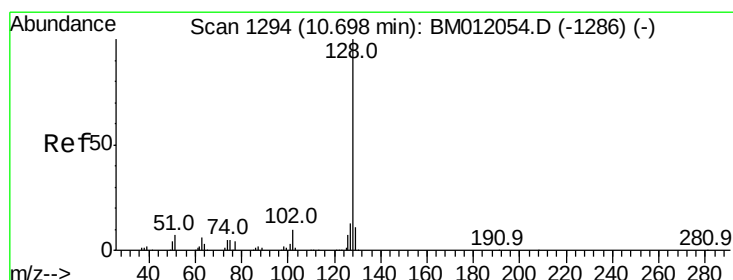
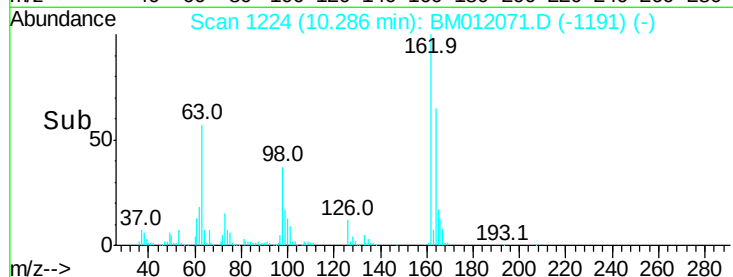
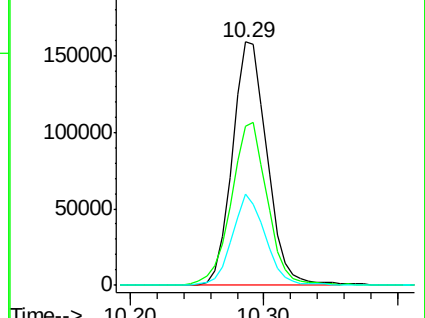
98 37.5 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 20.445 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

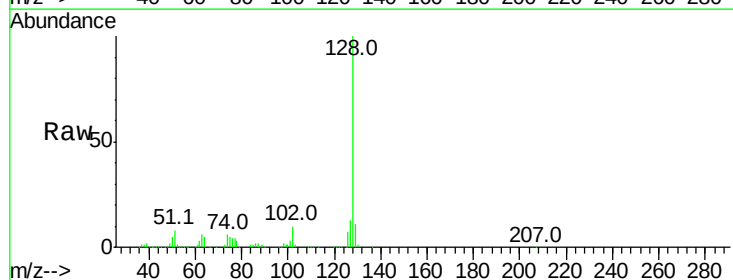
Tgt Ion:128 Resp: 906872

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

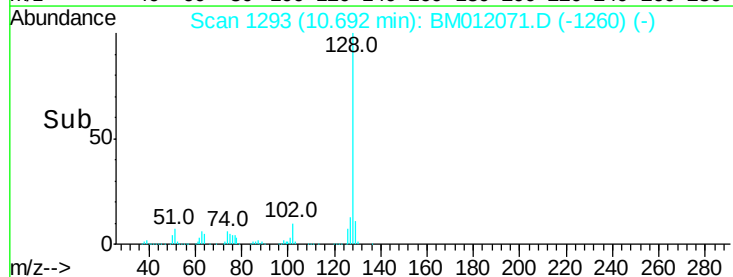
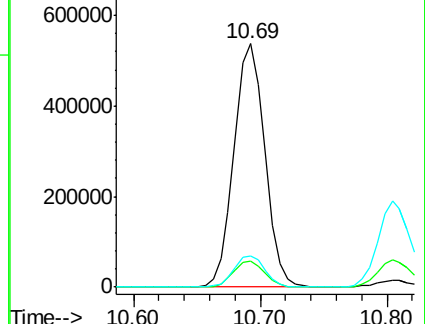
127 13.0 10.6 16.0

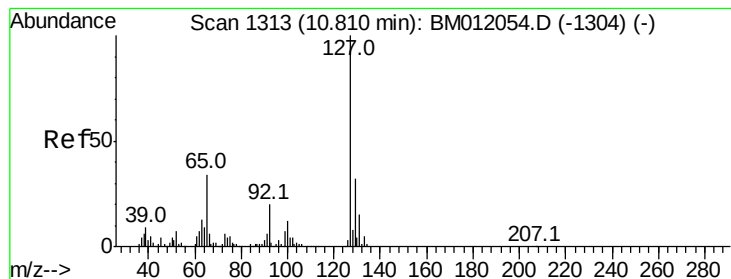


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 23.133 ng/ul

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

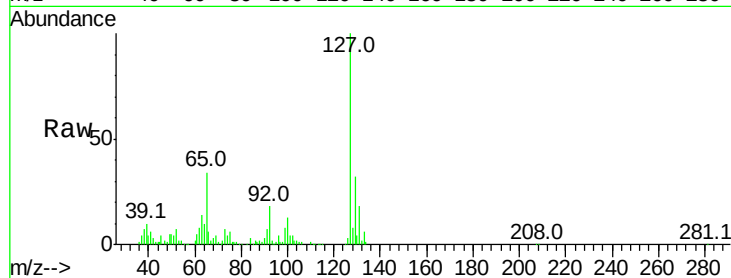
ClientSampleId :

Tot Ion:127 Resp: 355012

Ion Ratio Lower Upper

127 100

129 32.4 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

200000

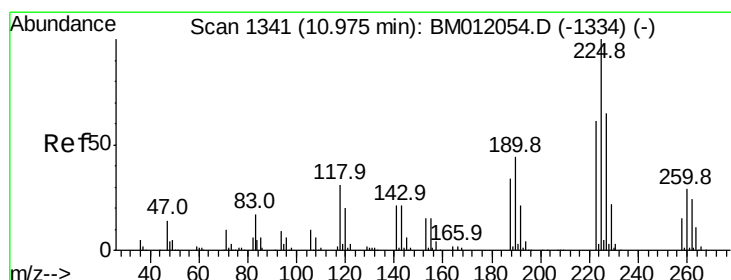
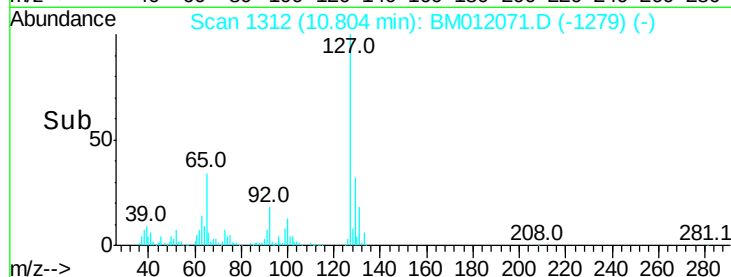
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#31

Hexachlorobutadiene

Concen: 20.651 ng/ul

RT: 10.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

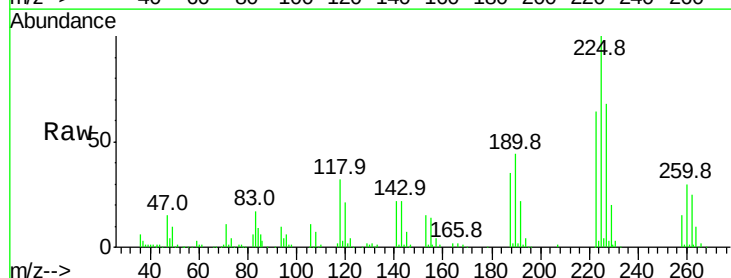
Tgt Ion:225 Resp: 209558

Ion Ratio Lower Upper

225 100

223 64.3 49.4 74.2

227 70.4 45.4 68.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

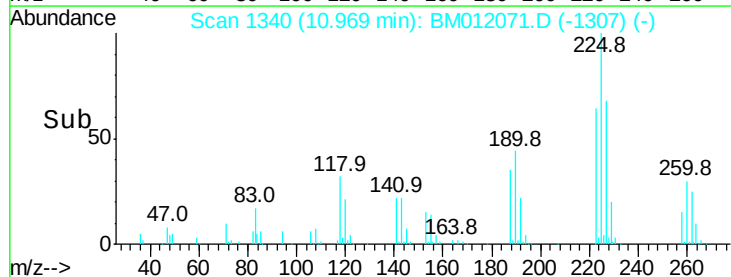
150000

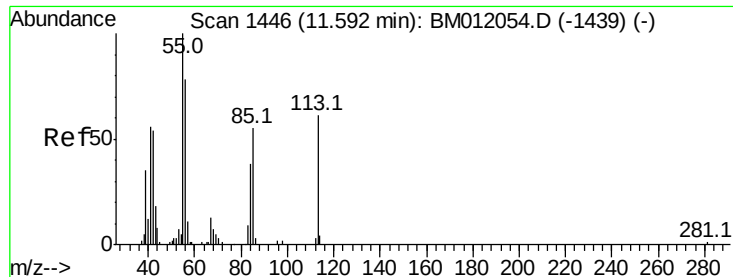
100000

50000

0

Time--> 10.90 10.95 11.00





#32

Caprolactam

Concen: 19.391 ng/ul

RT: 11.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

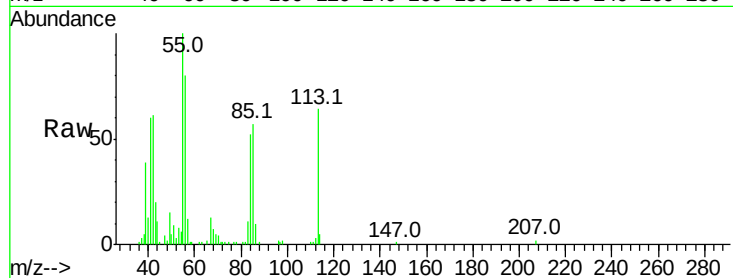
Tot Ion:113 Resp: 87933

Ion Ratio Lower Upper

113 100

55 155.3 208.0 312.0#

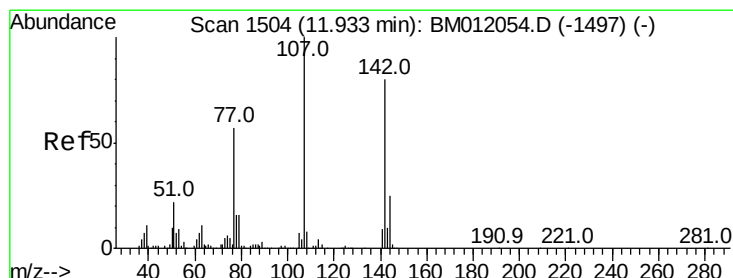
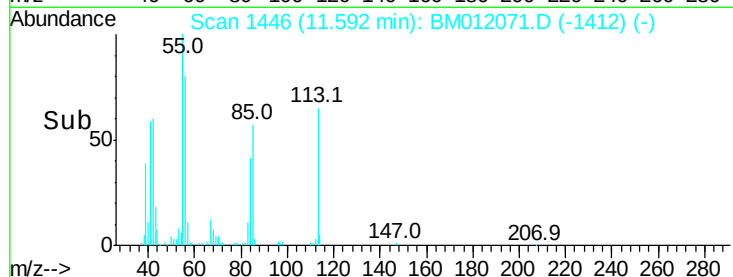
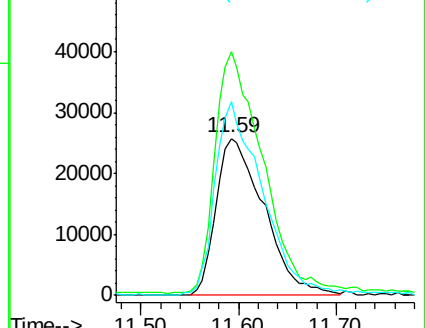
56 123.5 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.144 ng/ul

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

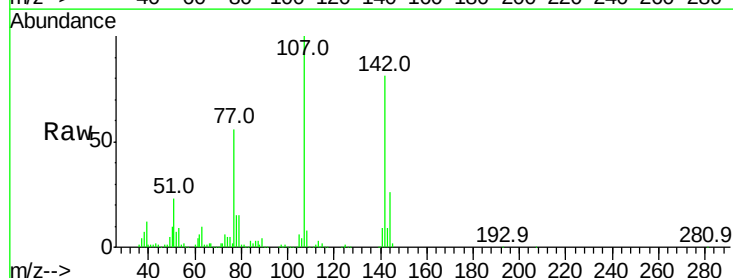
Tgt Ion:107 Resp: 302858

Ion Ratio Lower Upper

107 100

144 26.0 20.4 30.6

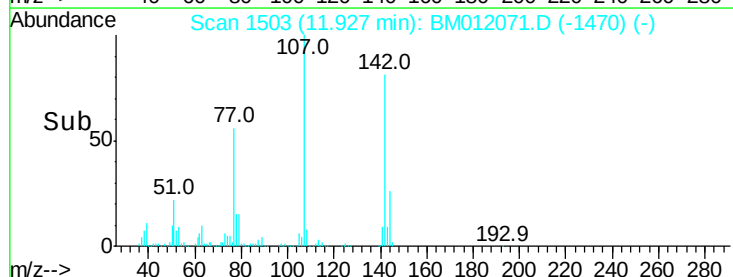
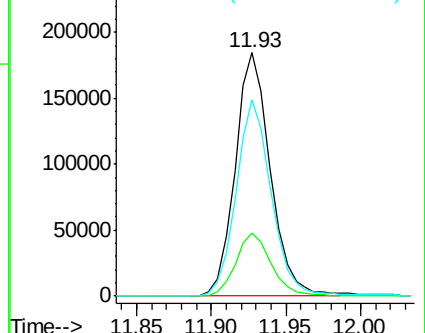
142 80.7 60.5 90.7

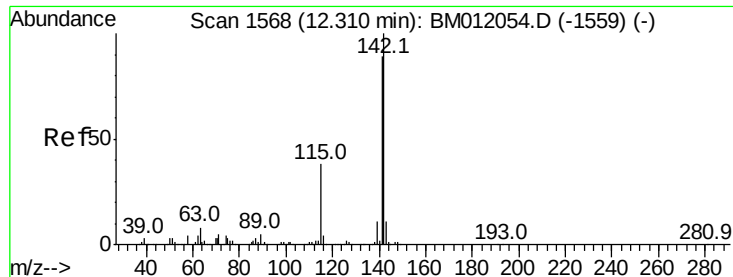


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.622 ng/ul

RT: 12.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

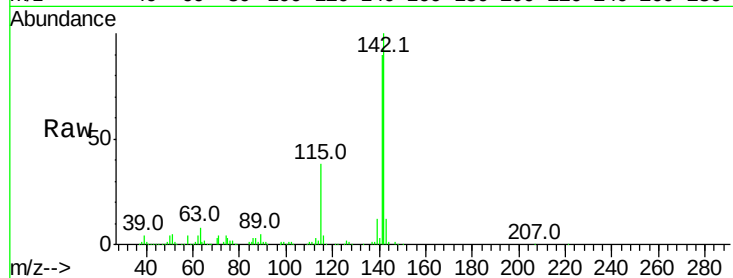
ClientSampled :

Tot Ion:142 Resp: 663689

Ion Ratio Lower Upper

142 100

141 89.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.30

400000

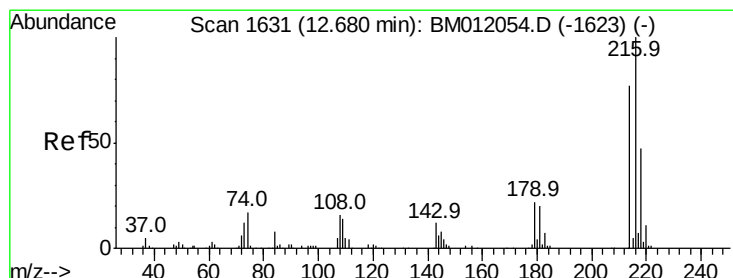
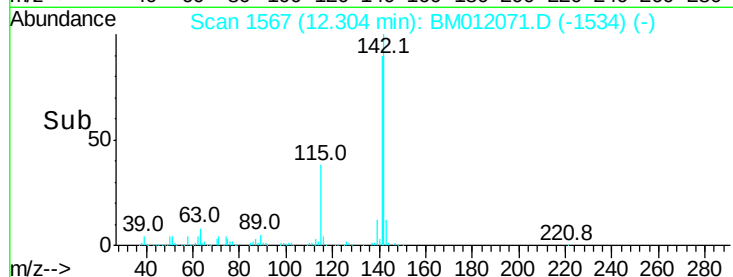
300000

200000

100000

0

Time--> 12.20 12.30 12.40



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.772 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:216 Resp: 367209

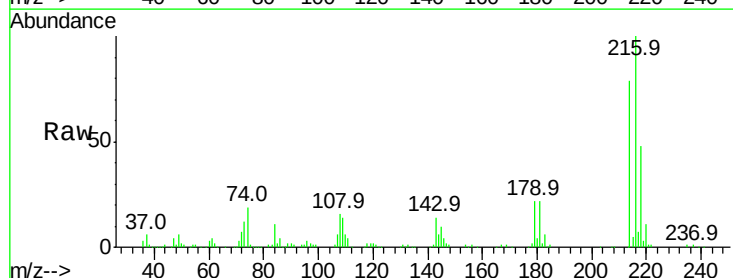
Ion Ratio Lower Upper

216 100

214 79.3 60.6 90.8

179 22.4 17.5 26.3

108 16.1 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

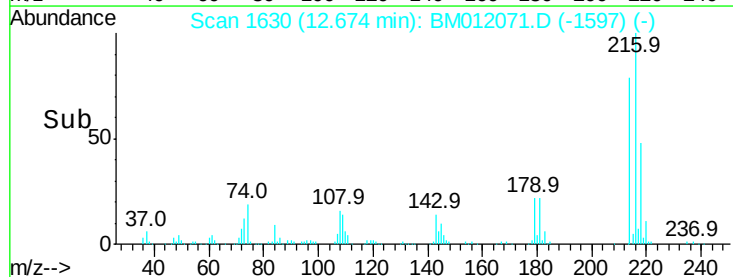
300000

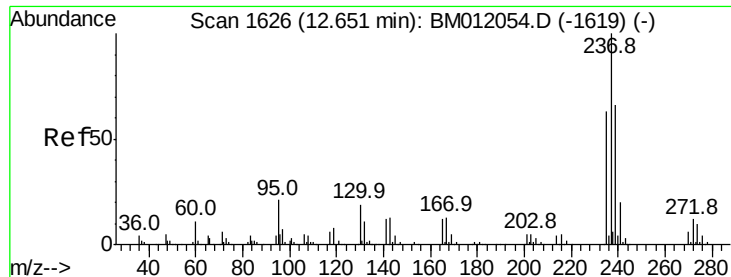
200000

100000

0

Time--> 12.60 12.70





#37

Hexachlorocyclopentadiene

Concen: 16.245 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

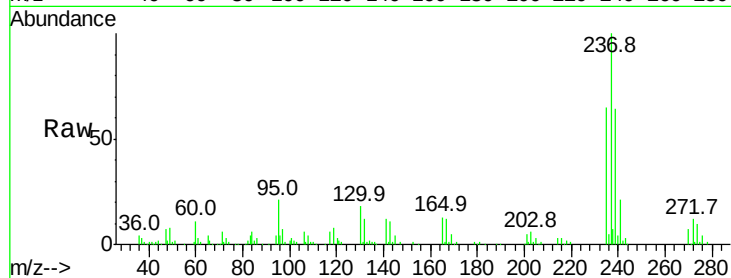
Instrument :

BNA_M

ClientSampled :

Tot Ion:237 Resp: 167146

Ion	Ratio	Lower	Upper
237	100		
235	64.5	50.2	75.4
272	12.8	11.0	16.6

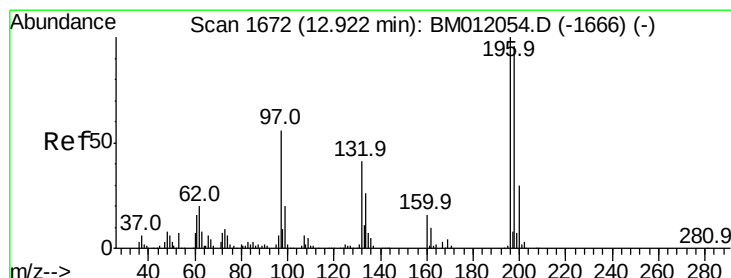
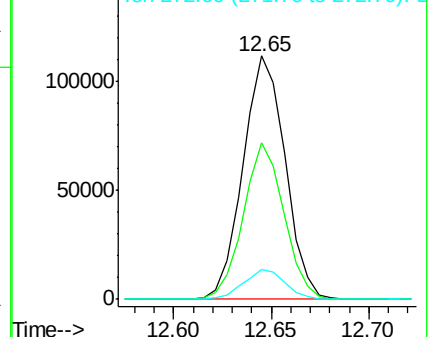
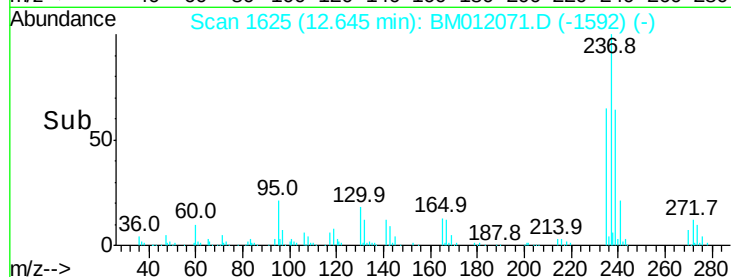


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.849 ng/ul

RT: 12.92 min Scan# 1671

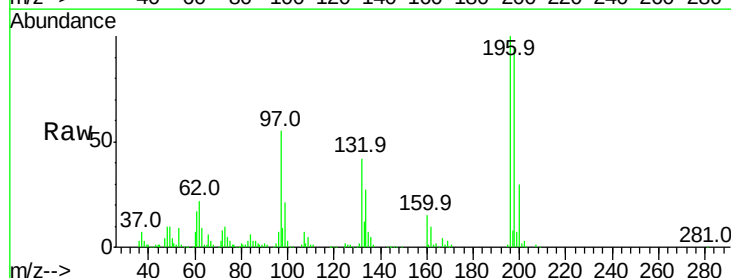
Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:196 Resp: 245323

Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.1	111.1
200	30.3	25.2	37.8

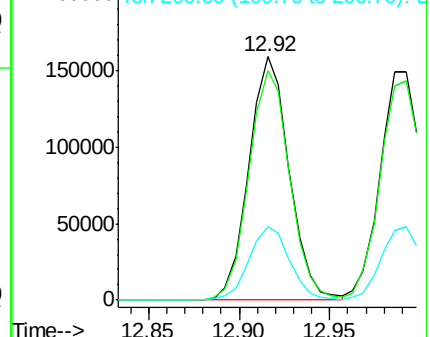
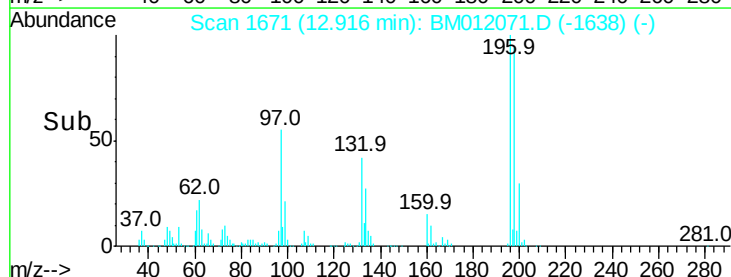


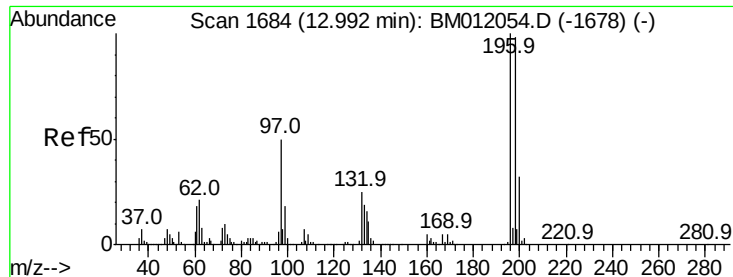
Abundance

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

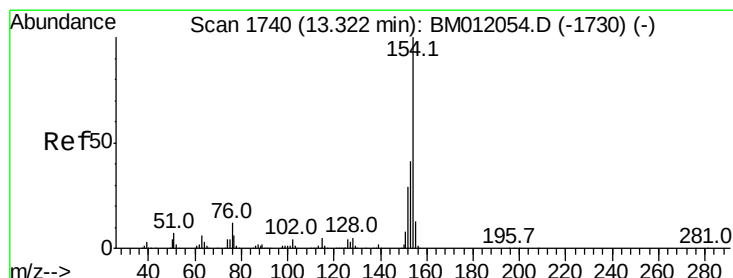
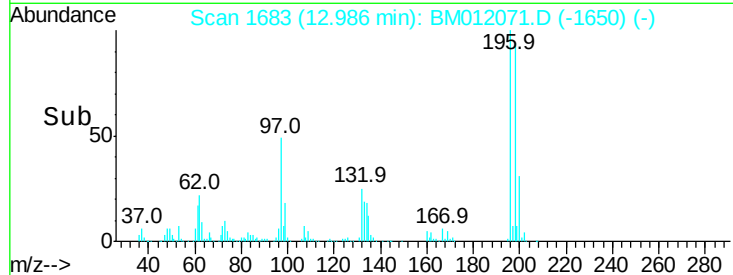
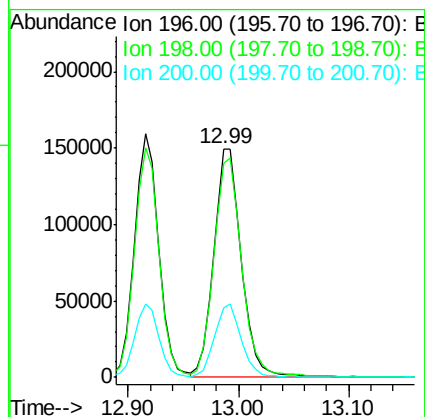
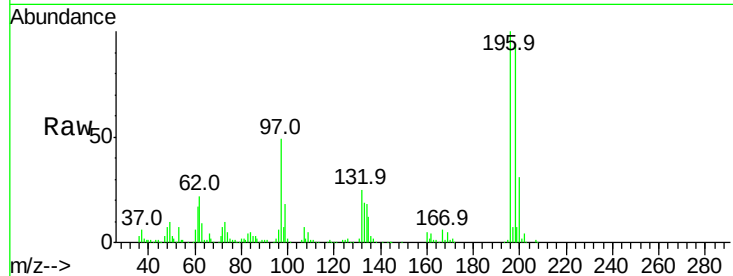




#39
 2,4,5-Trichlorophenol
 Concen: 21.606 ng/ul
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

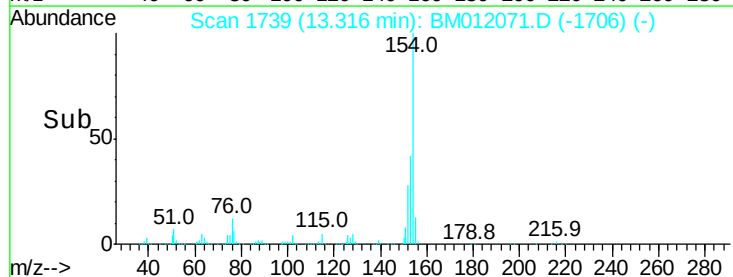
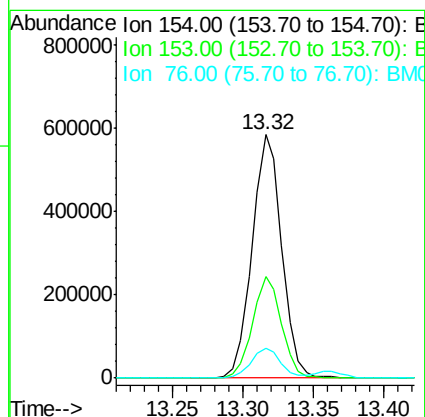
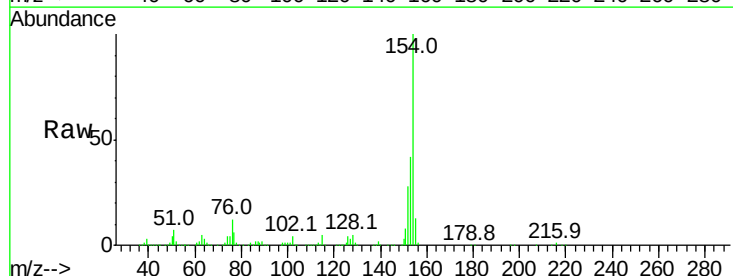
Instrument :
 BNA_M
 ClientSampled :

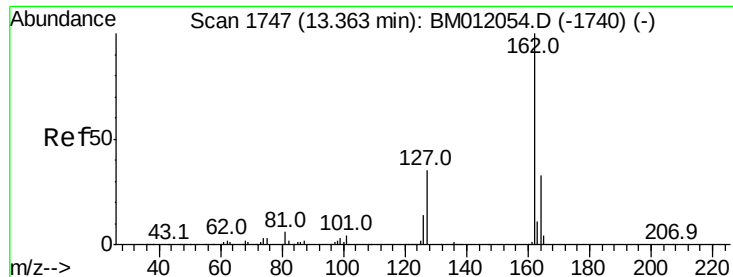
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.6	113.4
200	30.6	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 20.701 ng/ul
 RT: 13.32 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.6	48.8
76	12.1	8.5	12.7

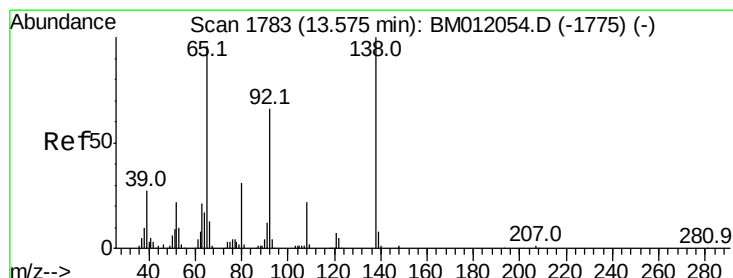
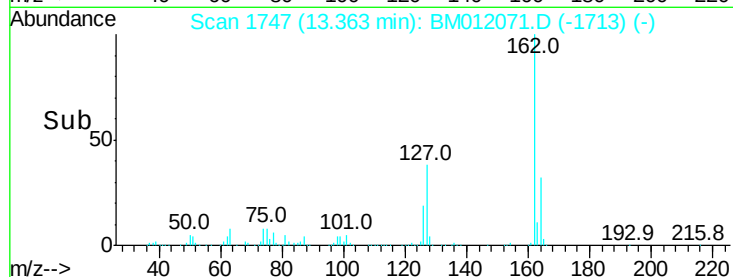
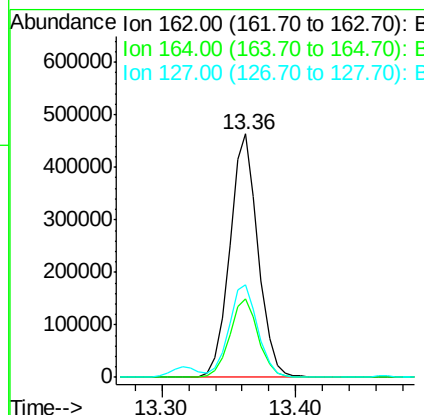
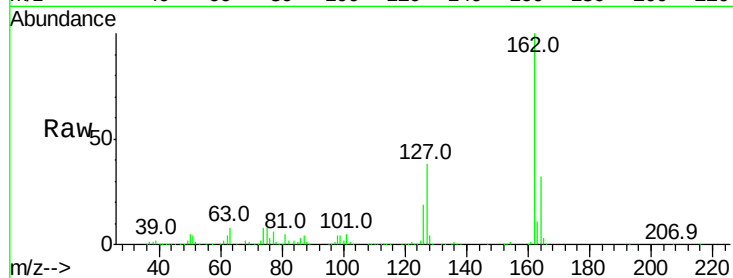




#41
2-Chloronaphthalene
Concen: 20.928 ng/ul
RT: 13.36 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

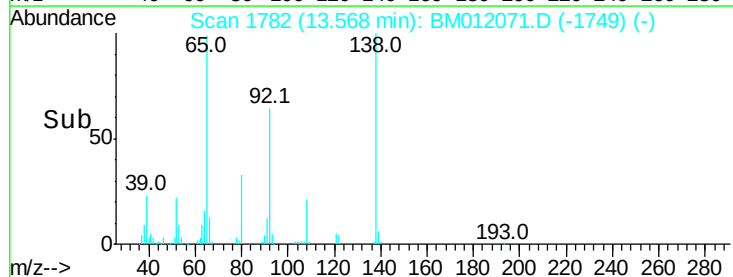
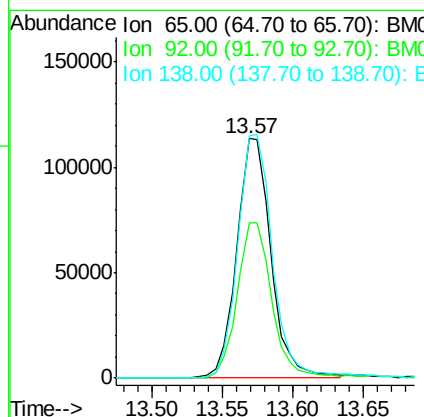
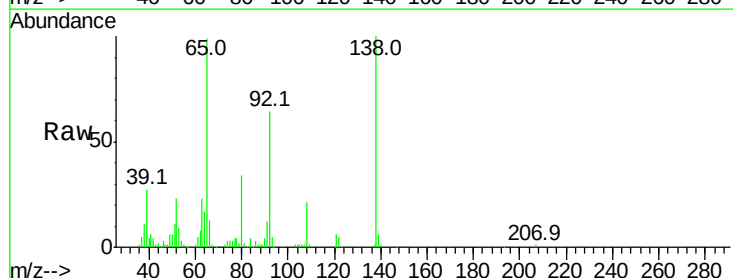
Instrument :
BNA_M
ClientSampleId :

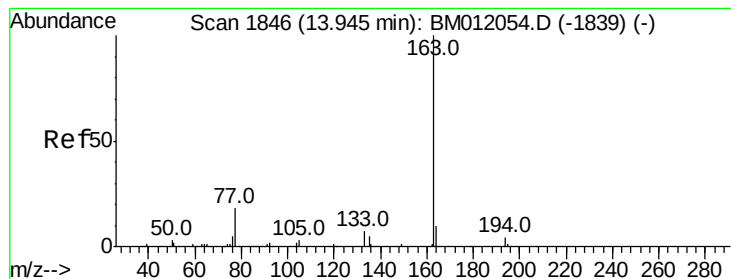
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	25.9	38.9
127	38.2	29.4	44.2



#42
2-Nitroaniline
Concen: 23.347 ng/ul
RT: 13.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.8	77.6
138	101.3	74.2	111.4





#44

Dimethylphthalate

Concen: 20.482 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

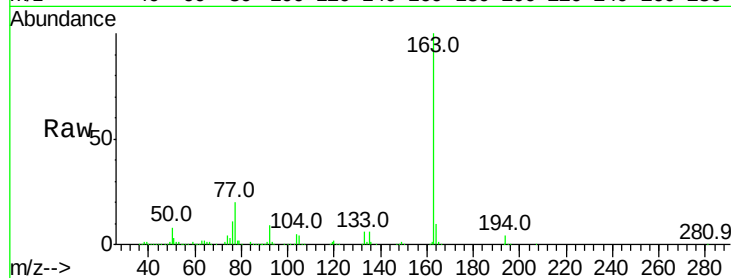
Tot Ion:163 Resp: 889952

Ion Ratio Lower Upper

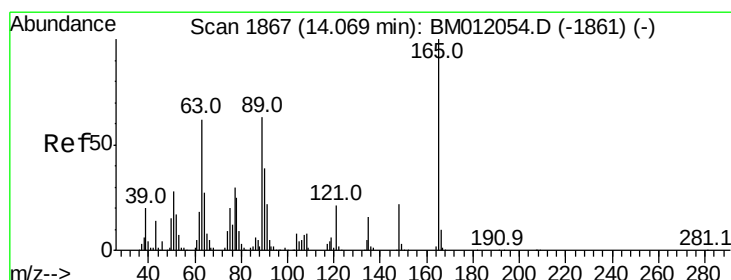
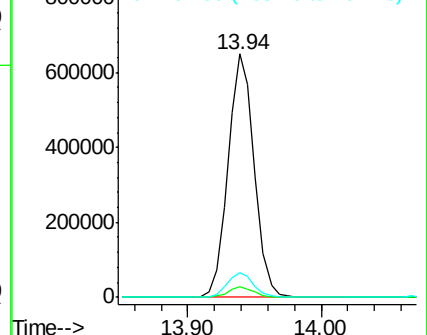
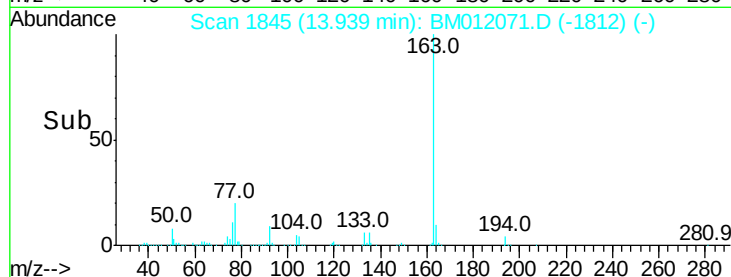
163 100

194 4.2 3.5 5.3

164 10.4 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: 21.643 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

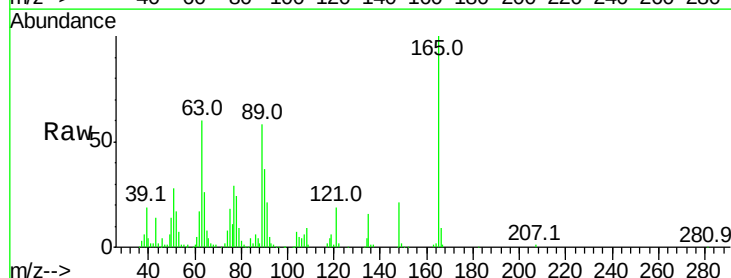
Tgt Ion:165 Resp: 177307

Ion Ratio Lower Upper

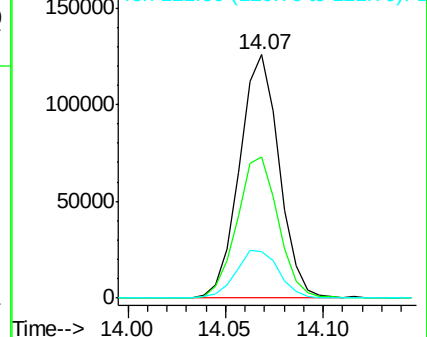
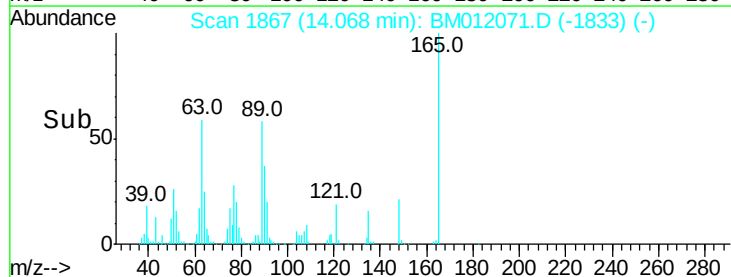
165 100

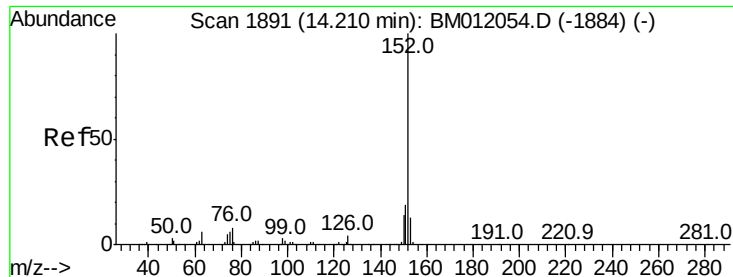
89 58.0 52.6 79.0

121 19.1 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: 21.041 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

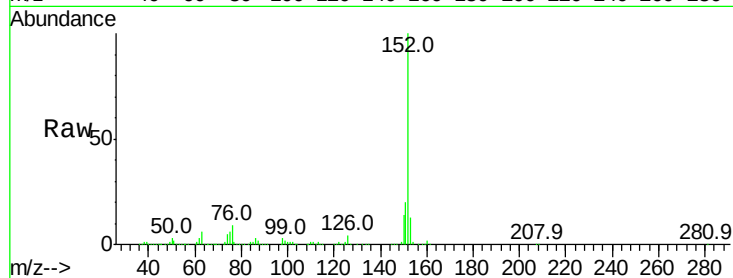
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 1082811

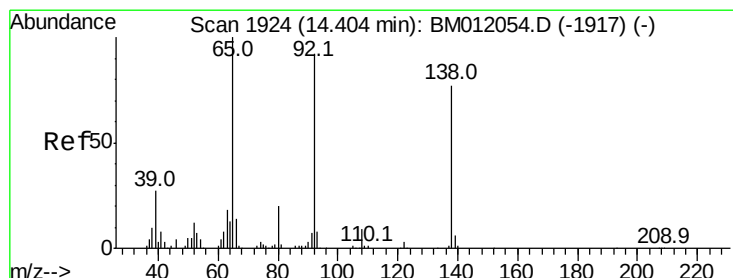
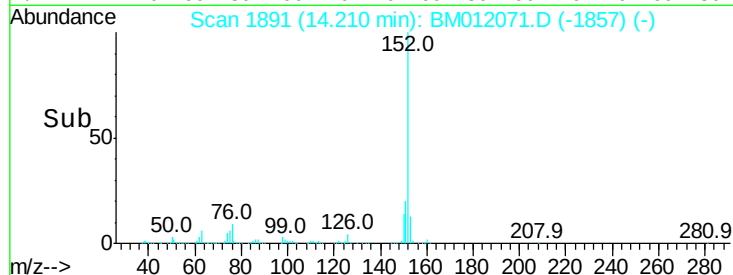
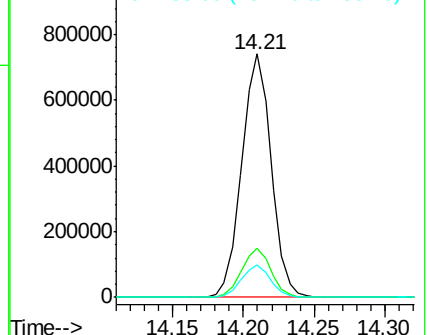
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.2	15.4



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: 21.135 ng/ul

RT: 14.40 min Scan# 1923

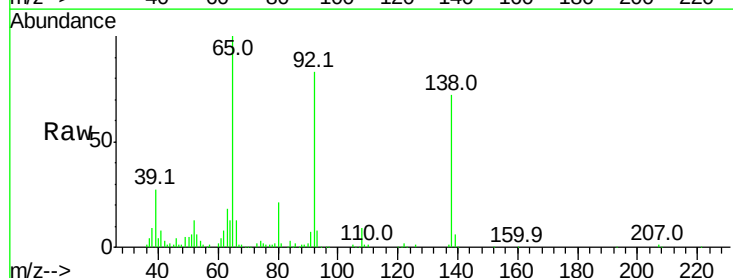
Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:138 Resp: 160836

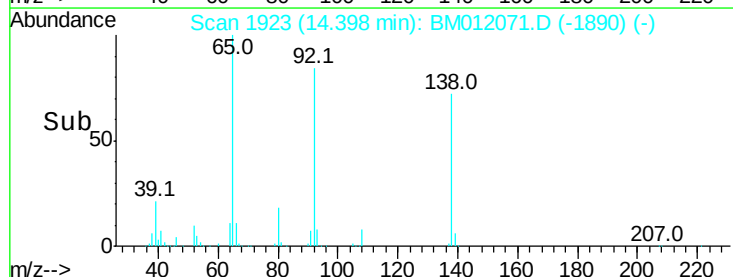
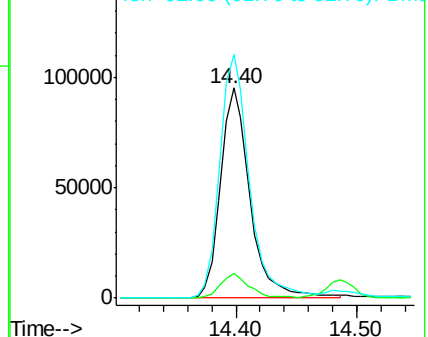
Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.9	14.9
92	115.9	105.0	157.4

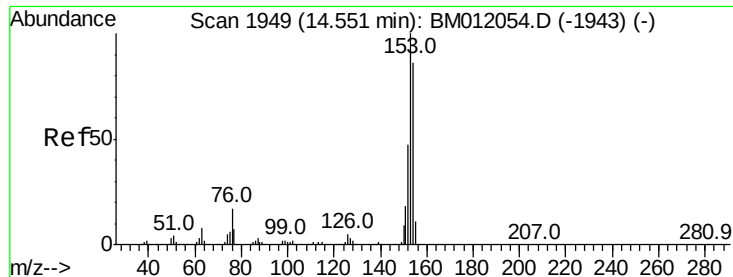


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.252 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

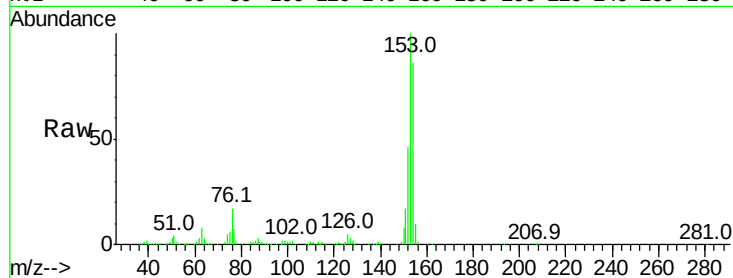
Instrument :

BNA_M

ClientSampleId :

Tot Ion:153 Resp: 721185

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.6	56.4
154	85.6	70.4	105.6

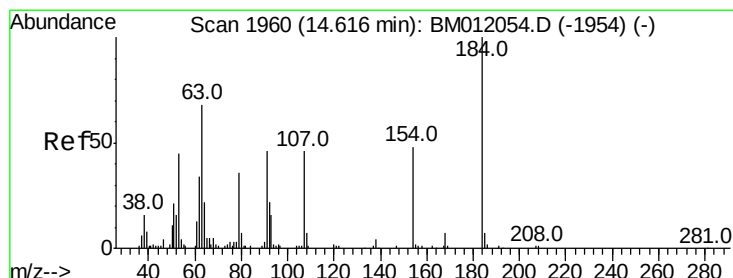
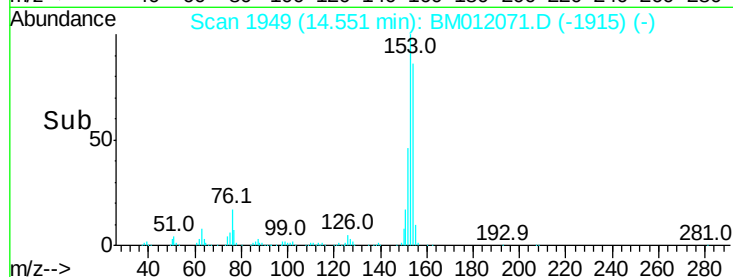
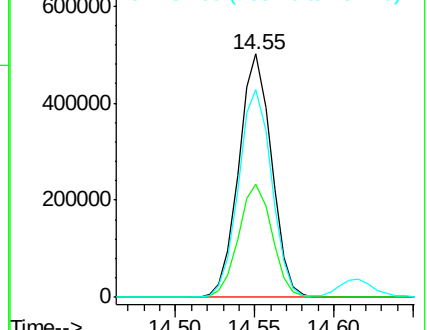


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 17.485 ng/ul

RT: 14.62 min Scan# 1960

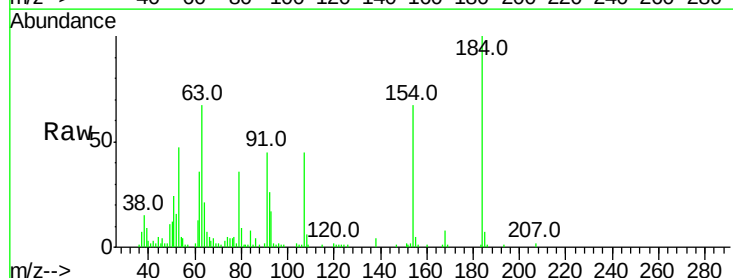
Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:184 Resp: 94665

Ion	Ratio	Lower	Upper
184	100		
63	67.2	50.1	75.1
154	67.2	54.5	81.7

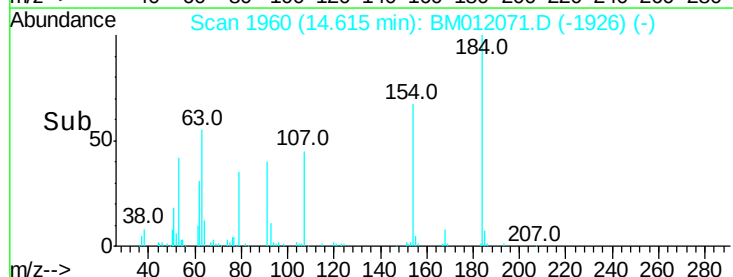
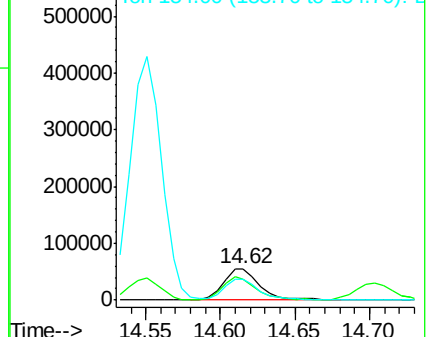


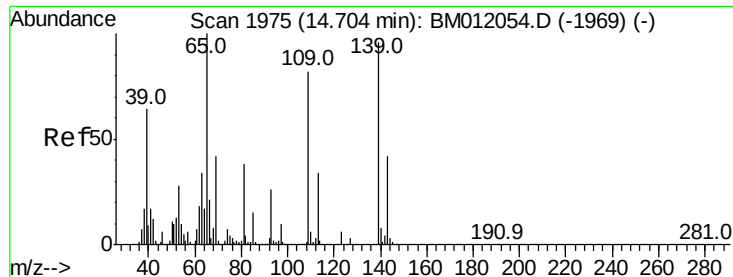
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

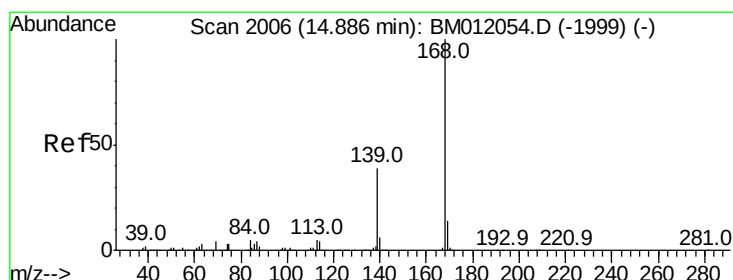
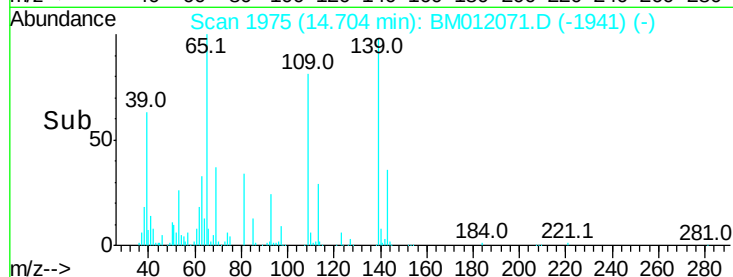
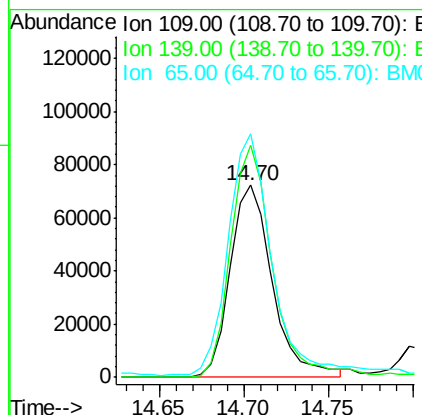
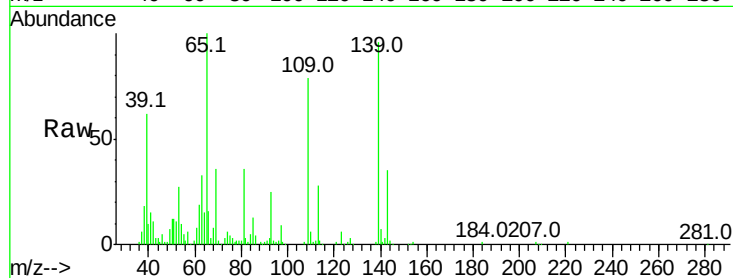




#52
4-Nitrophenol
Concen: 19.943 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

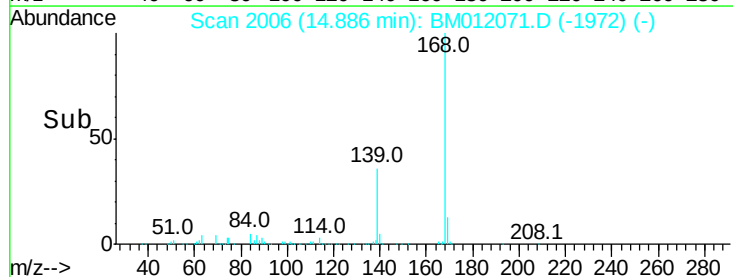
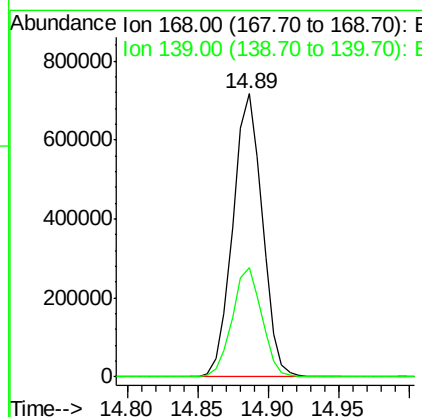
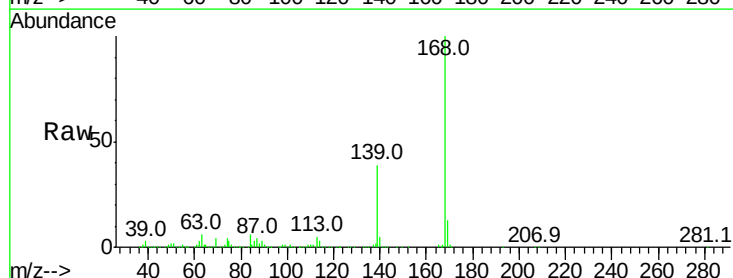
Instrument :
BNA_M
ClientSampleId :

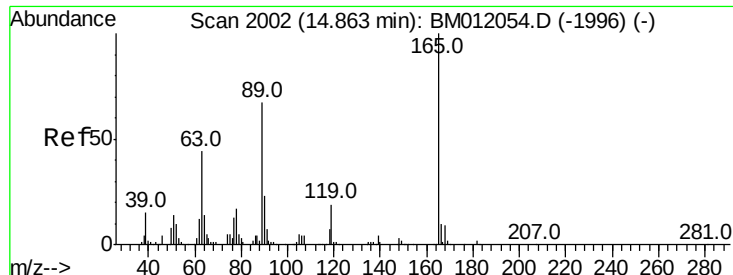
Tot Ion:109 Resp: 125765
Ion Ratio Lower Upper
109 100
139 121.1 80.0 120.0#
65 126.8 120.0 180.0



#53
Dibenzofuran
Concen: 20.235 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion:168 Resp: 1045810
Ion Ratio Lower Upper
168 100
139 38.8 30.8 46.2

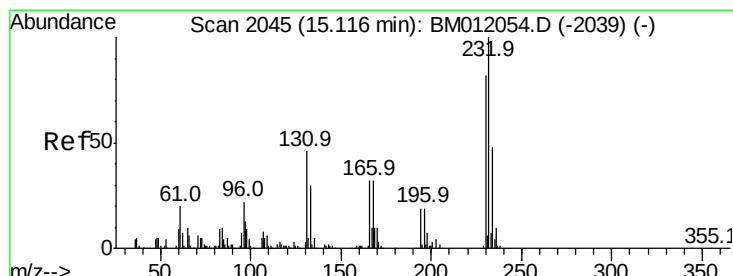
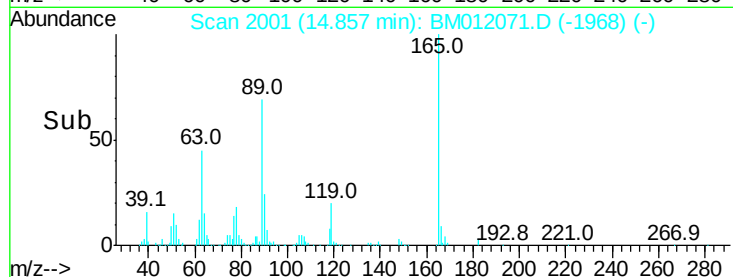
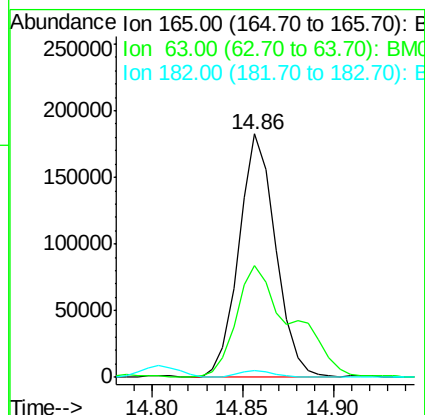
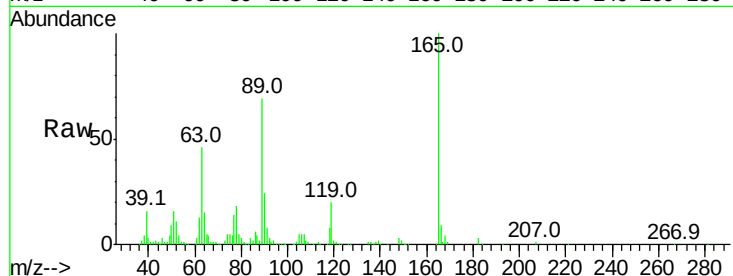




#54
 2,4-Dinitrotoluene
 Concen: 21.154 ng/ul
 RT: 14.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

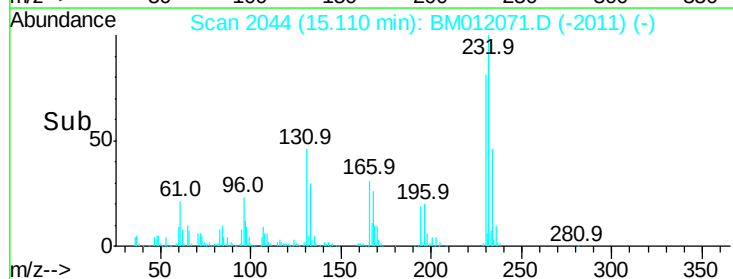
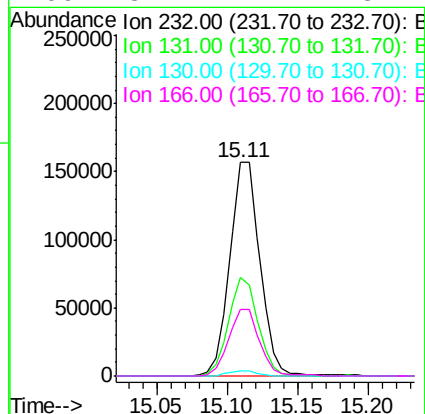
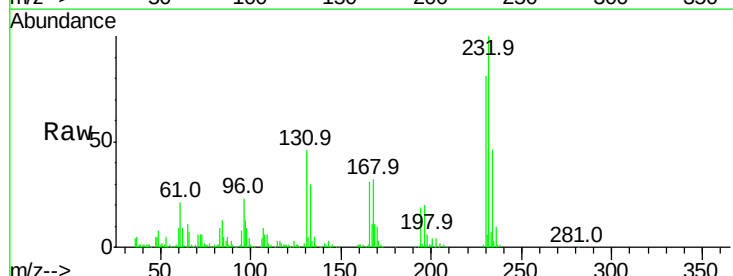
Instrument :
 BNA_M
 ClientSampled :

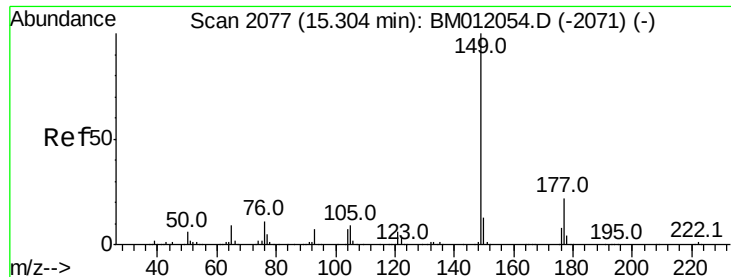
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	45.8	68.8
182	3.0	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.288 ng/ul
 RT: 15.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	29.0	43.4#
130	2.4	2.0	3.0
166	31.2	21.4	32.2

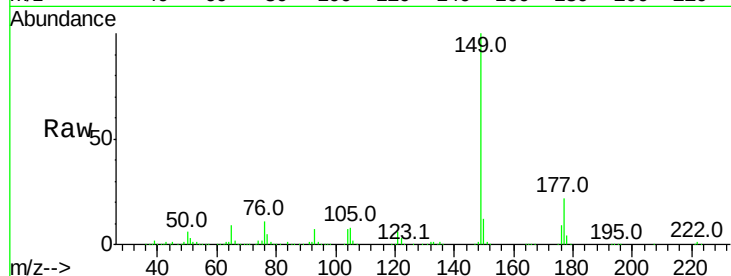




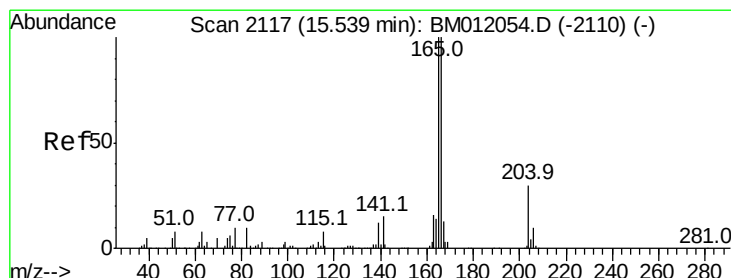
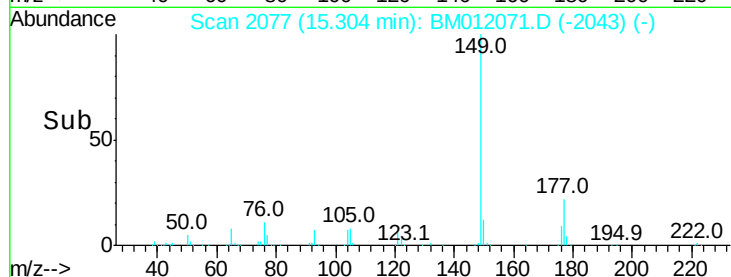
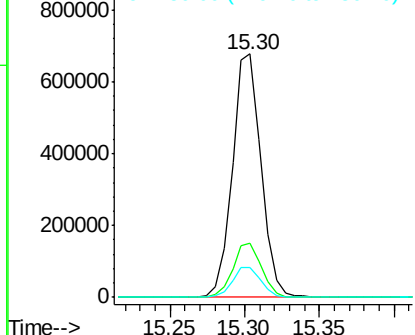
#56
Diethylphthalate
Concen: 20.614 ng/ul
RT: 15.30 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 909129
Ion Ratio Lower Upper
149 100
177 22.4 20.5 30.7
150 12.2 10.6 15.8

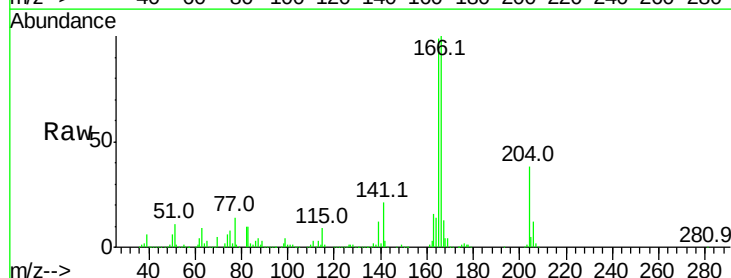


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

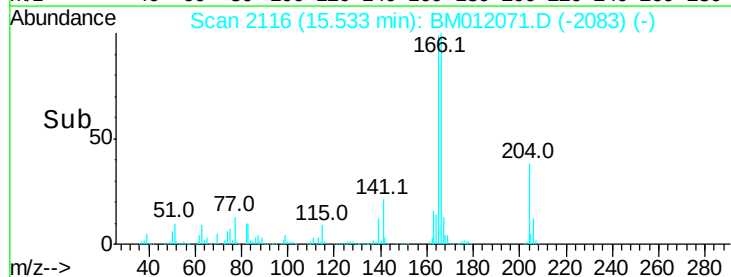
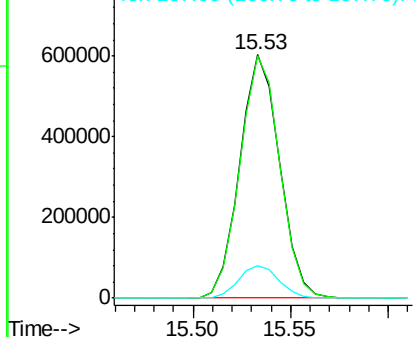


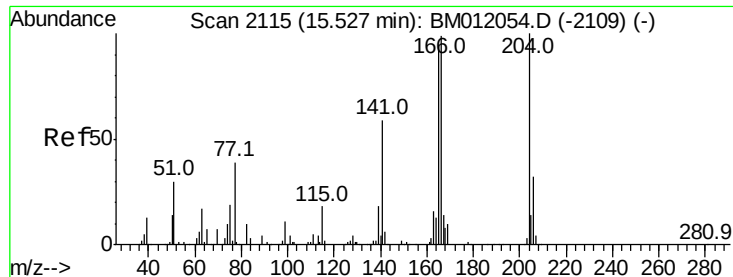
#58
Fluorene
Concen: 19.684 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion:166 Resp: 849538
Ion Ratio Lower Upper
166 100
165 99.4 77.9 116.9
167 13.2 10.6 16.0



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

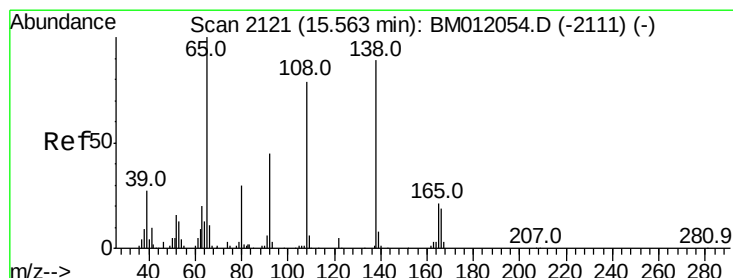
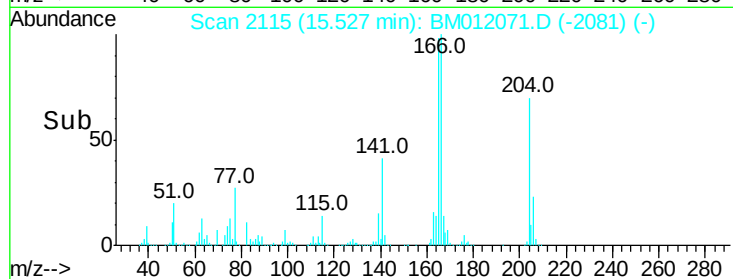
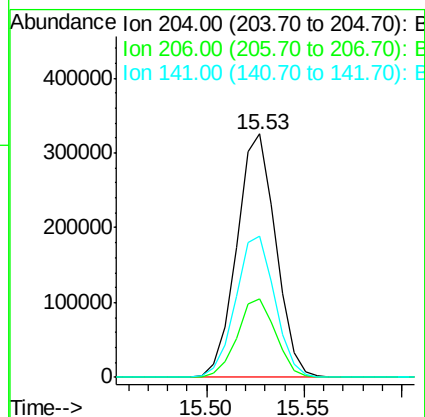
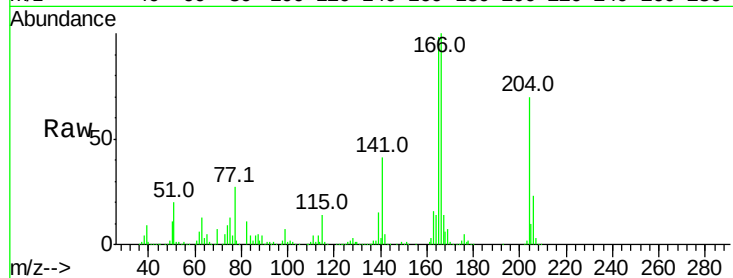




#59
4-Chlorophenyl-phenylether
Concen: 19.669 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

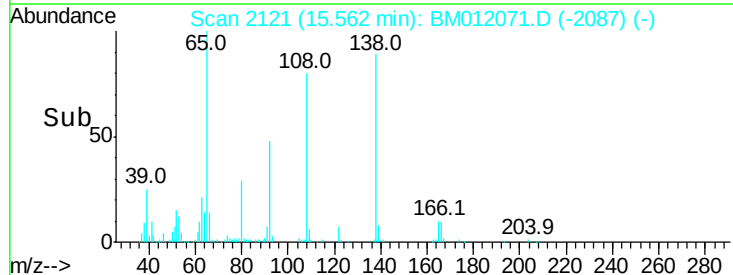
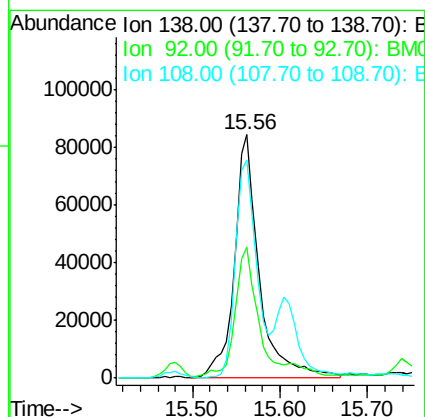
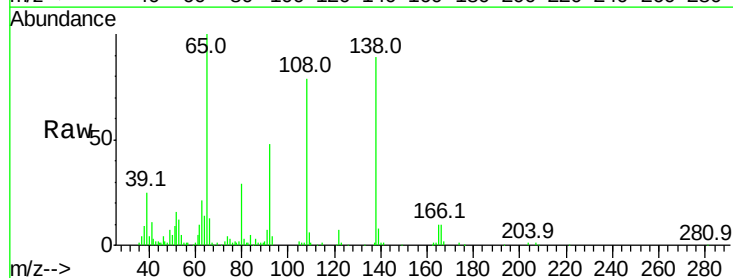
Instrument :
BNA_M
ClientSampleId :

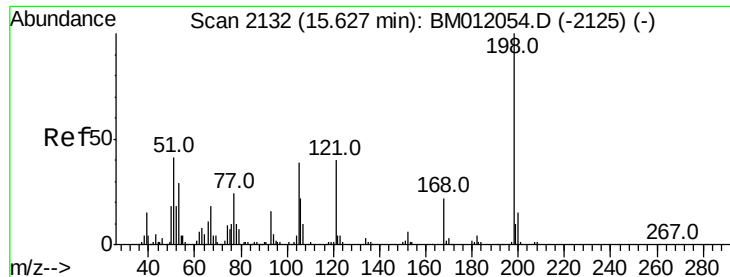
Tot Ion:204 Resp: 448949
Ion Ratio Lower Upper
204 100
206 32.5 24.8 37.2
141 57.8 44.3 66.5



#60
4-Nitroaniline
Concen: 18.559 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion:138 Resp: 164520
Ion Ratio Lower Upper
138 100
92 53.6 40.0 60.0
108 89.7 80.0 120.0

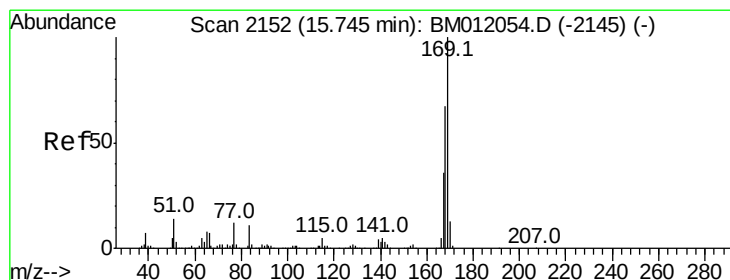
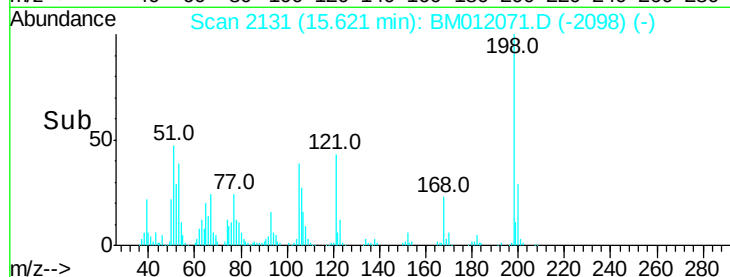
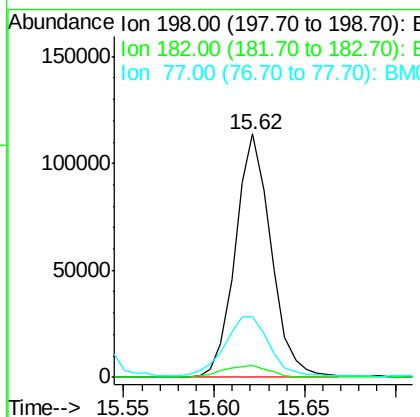
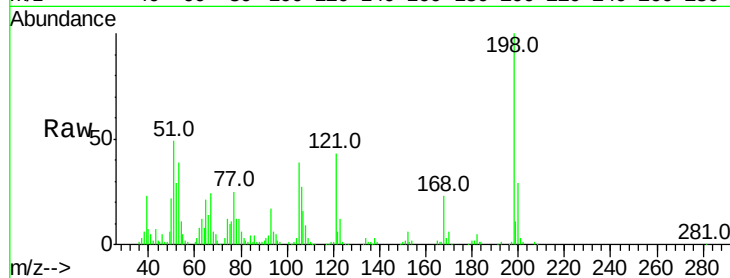




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.084 ng/ul
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

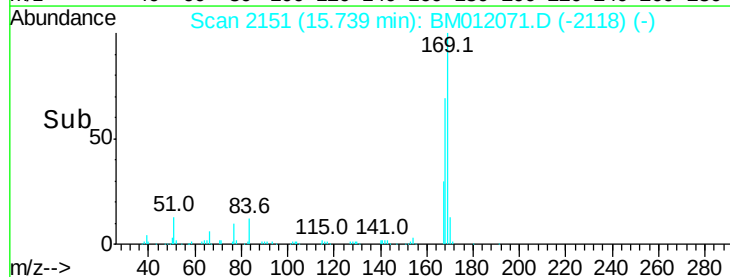
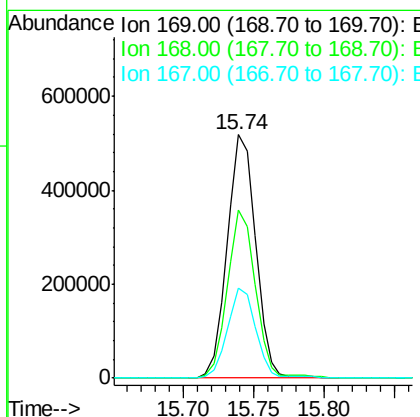
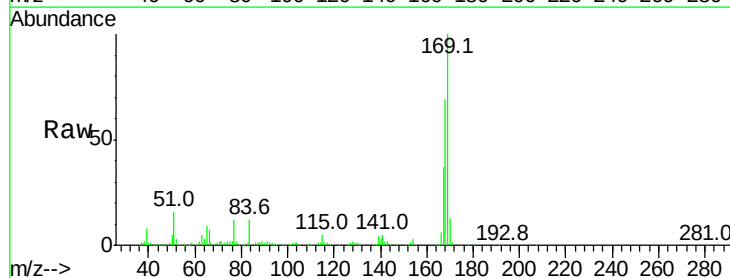
Instrument :
 BNA_M
 ClientSampleId :

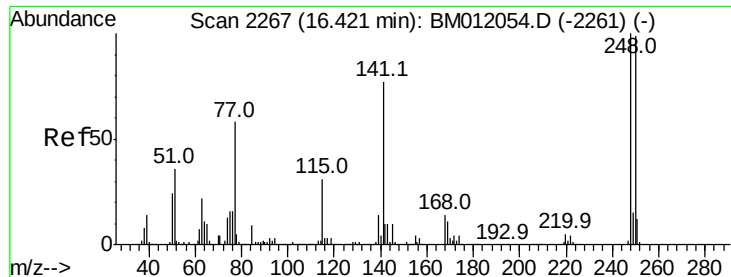
Tot Ion	198	Resp	156526
Ion Ratio	100		
Lower	3.8		
Upper	5.6		
77	24.8	25.2	37.8#



#64
 N-Nitrosodiphenylamine
 Concen: 21.141 ng/ul
 RT: 15.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

Tgt Ion	169	Resp	728629
Ion Ratio	100		
Lower	54.0		
Upper	81.0		
168	69.0	29.1	43.7

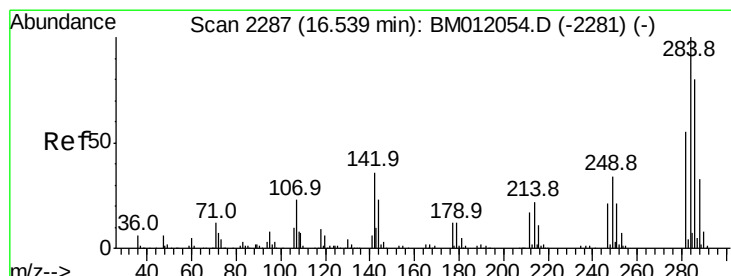
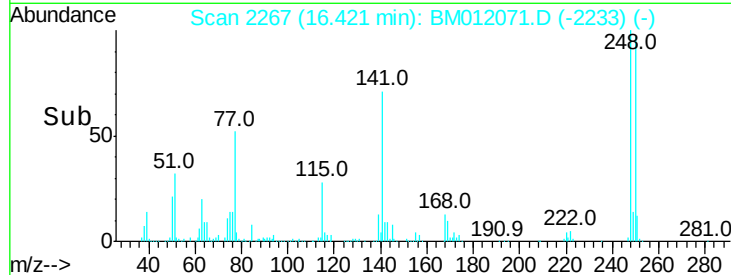
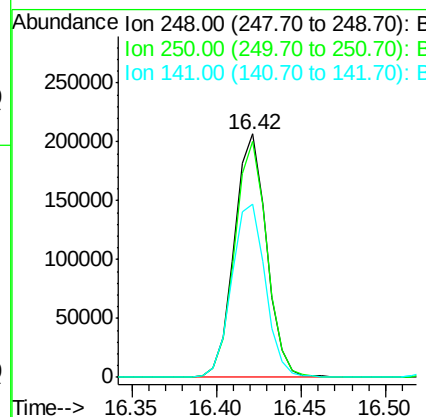
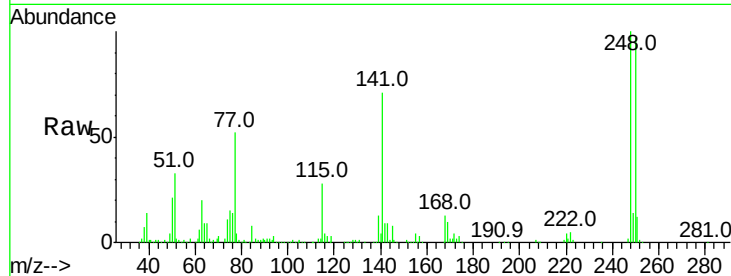




#65
 4-Bromophenyl-phenylether
 Concen: 20.576 ng/ul
 RT: 16.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

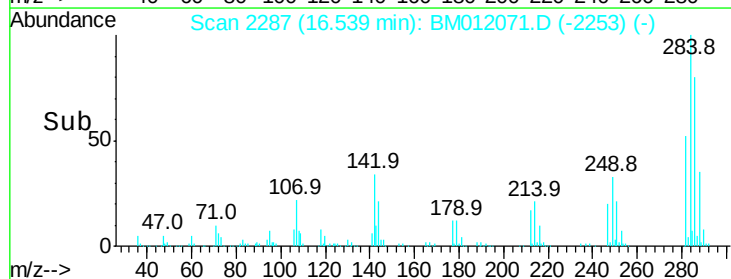
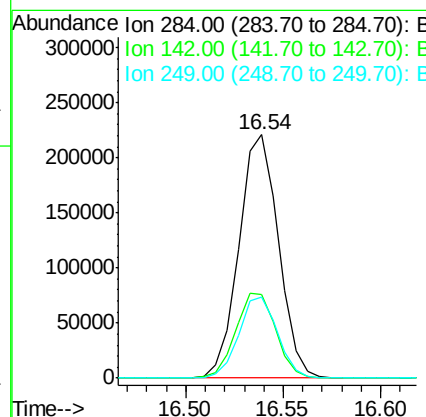
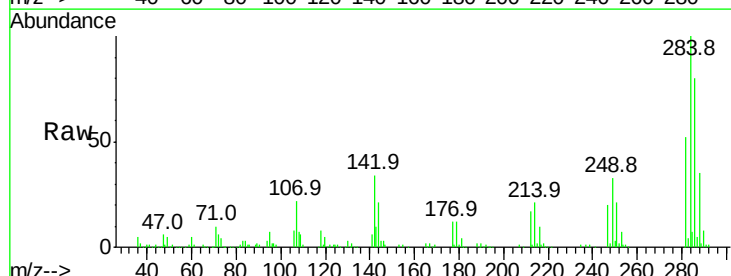
Instrument :
 BNA_M
 ClientSampled :

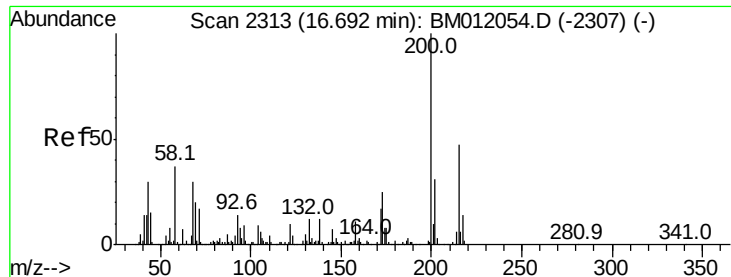
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	80.5	120.7
141	71.0	53.6	80.4



#66
 Hexachlorobenzene
 Concen: 20.800 ng/ul
 RT: 16.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	21.2	31.8#
249	33.2	24.5	36.7

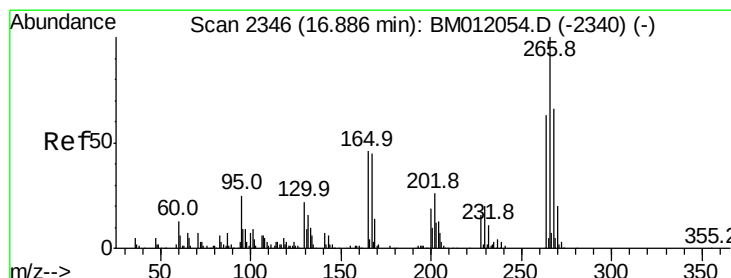
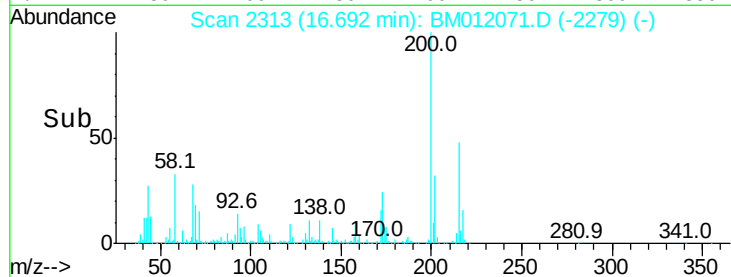
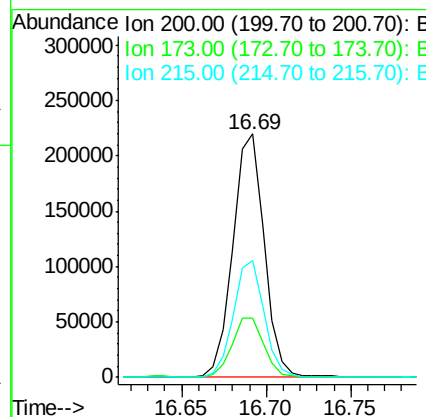
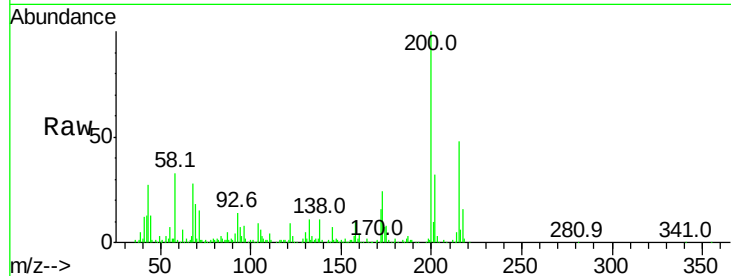




#67
Atrazine
Concen: 20.832 ng/ul
RT: 16.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

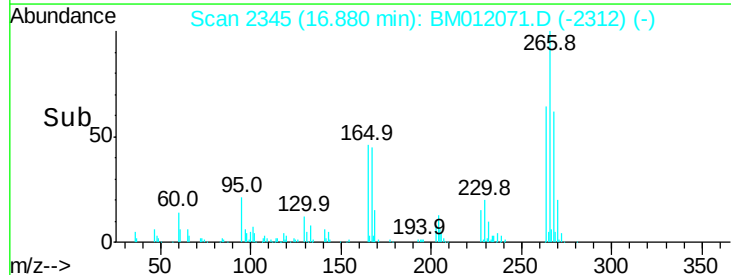
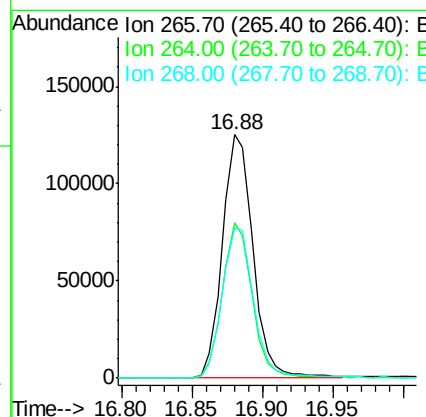
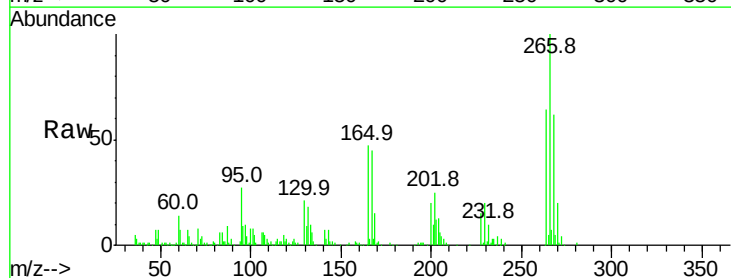
Instrument :
BNA_M
ClientSampleId :

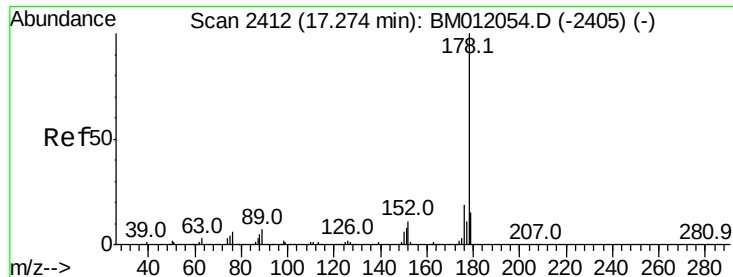
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	18.2	27.2
215	47.8	35.0	52.4



#68
Pentachlorophenol
Concen: 20.087 ng/ul
RT: 16.88 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.3	73.9
268	61.7	52.6	78.8





#69

Phenanthrene

Concen: 20.152 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

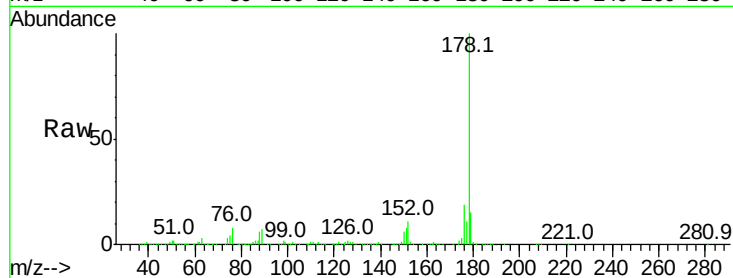
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1322521

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.2	14.9	22.3

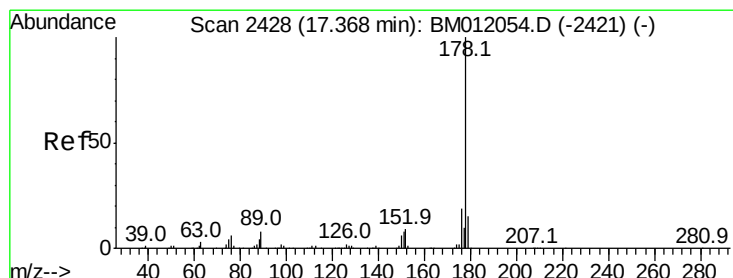
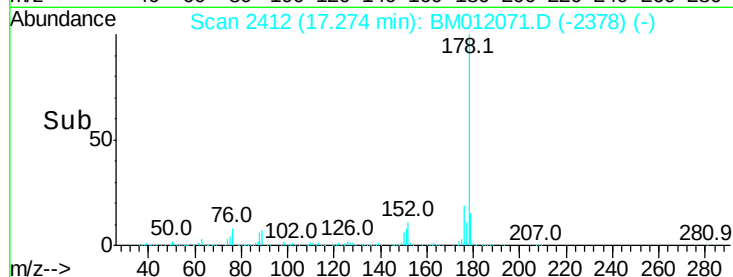
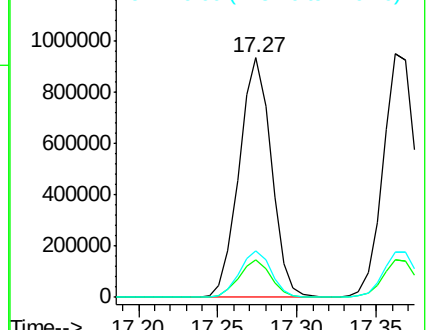


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.525 ng/ul

RT: 17.36 min Scan# 2427

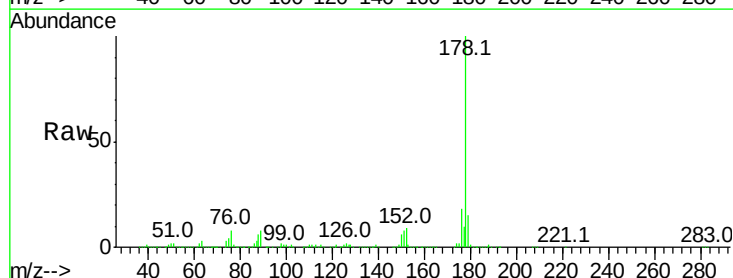
Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:178 Resp: 1370570

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.5	14.6	21.8

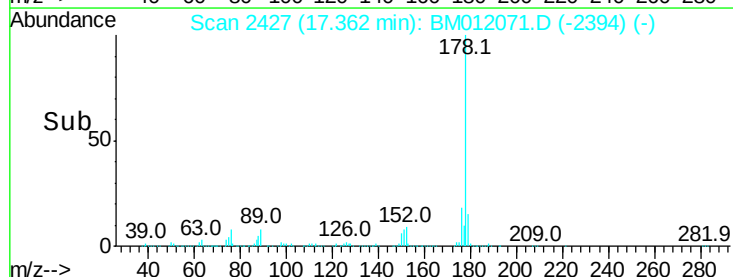
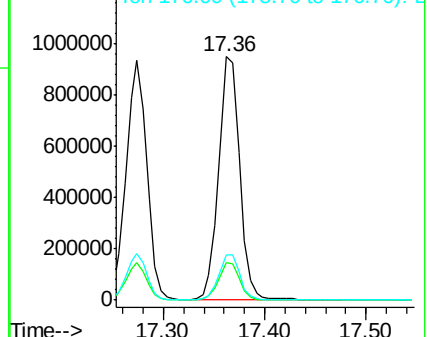


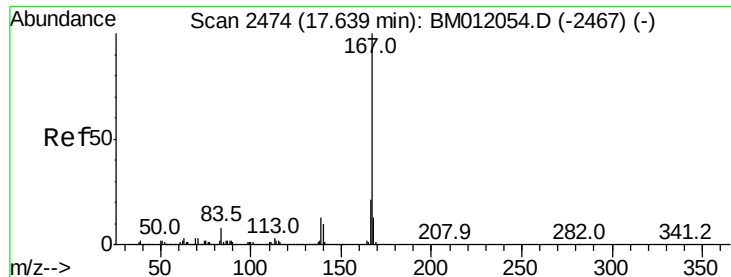
Abundance

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: 20.080 ng/ul

RT: 17.63 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

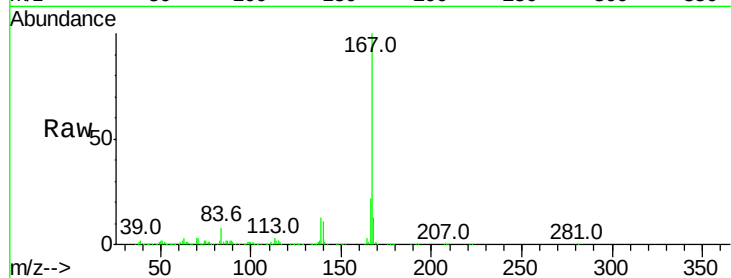
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1161453

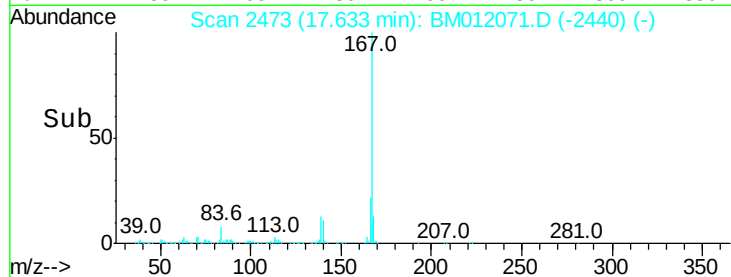
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.2	10.0	15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

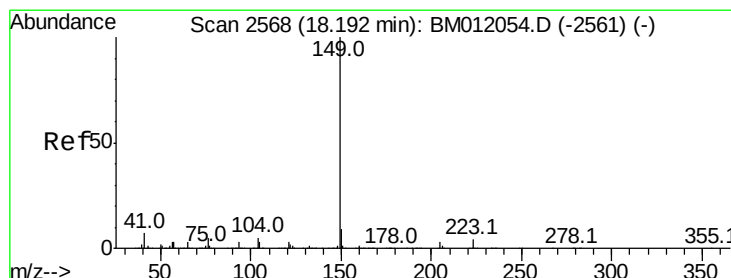
Ion 139.00 (138.70 to 139.70): E



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: 22.059 ng/ul

RT: 18.19 min Scan# 2567

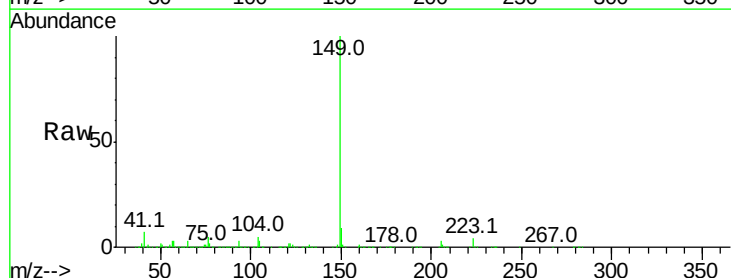
Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:149 Resp: 1528928

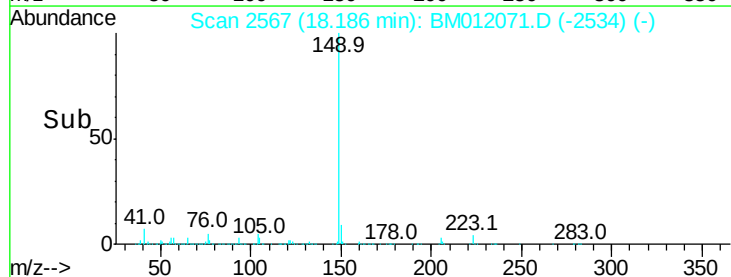
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.1	5.6	8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

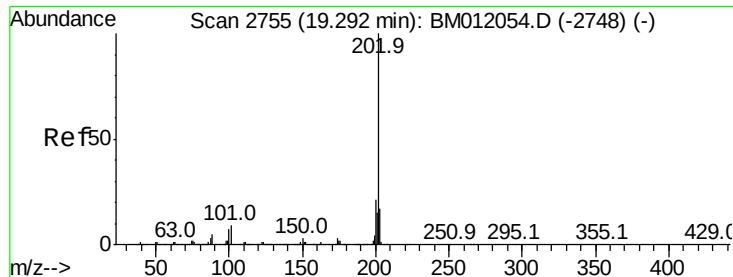
Ion 104.00 (103.70 to 104.70): E



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

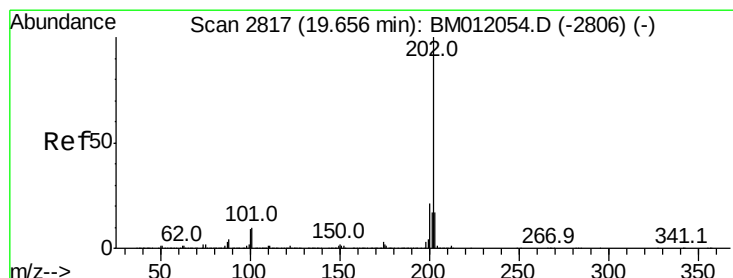
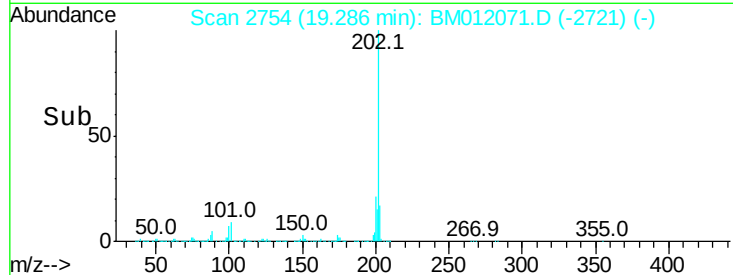
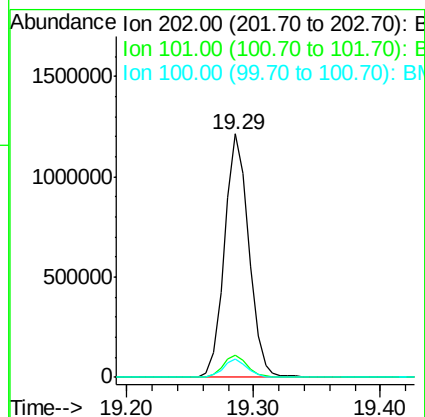
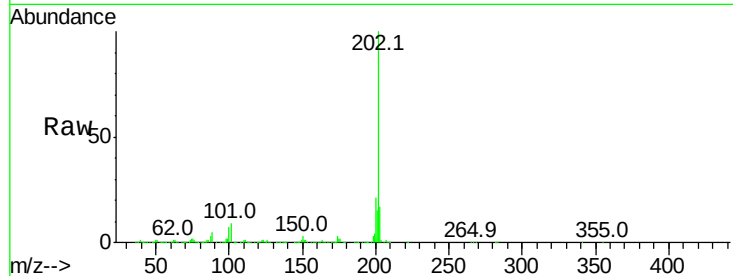
Ion 104.00 (103.70 to 104.70): E



#74
 Fluoranthene
 Concen: 20.163 ng/ul
 RT: 19.29 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

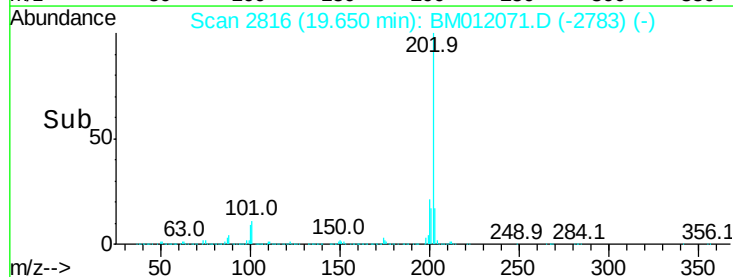
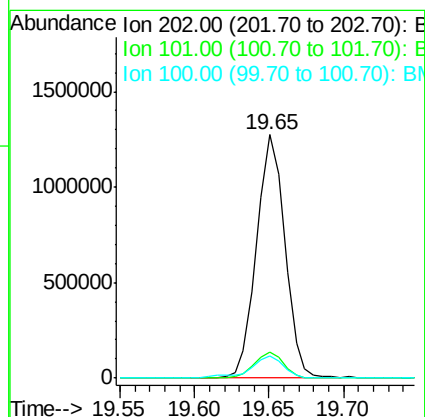
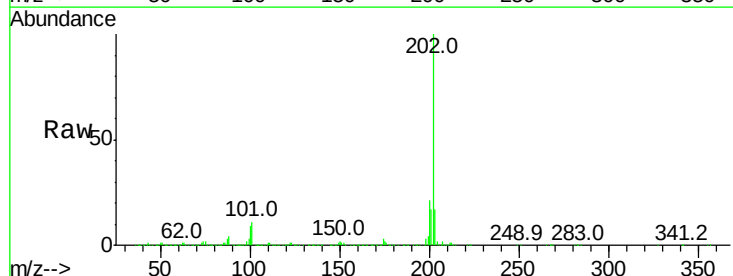
Instrument :
 BNA_M
 ClientSampleId :

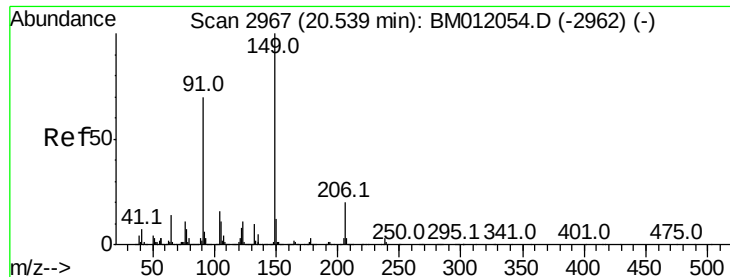
Tot Ion:202 Resp: 1614527
 Ion Ratio Lower Upper
 202 100
 101 9.2 4.6 7.0#
 100 7.3 3.4 5.2#



#77
 Pyrene
 Concen: 22.344 ng/ul
 RT: 19.65 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM012071.D
 Acq: 11 Oct 2017 14:04

Tgt Ion:202 Resp: 1670218
 Ion Ratio Lower Upper
 202 100
 101 10.9 5.1 7.7#
 100 9.3 4.9 7.3#

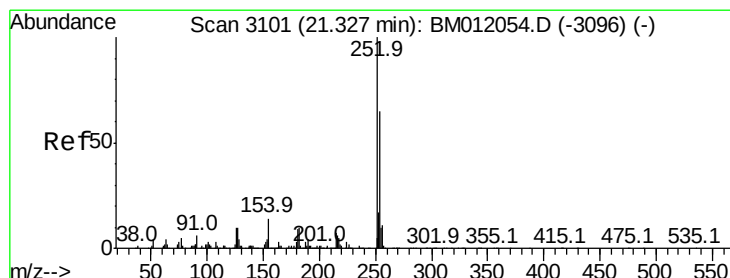
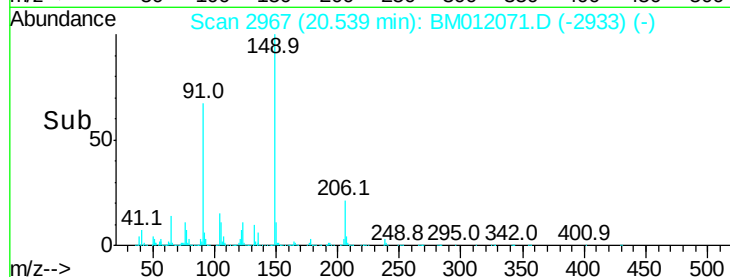
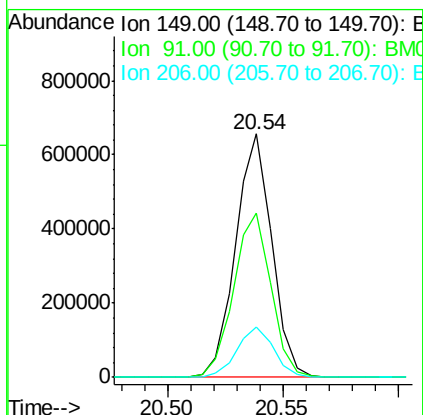
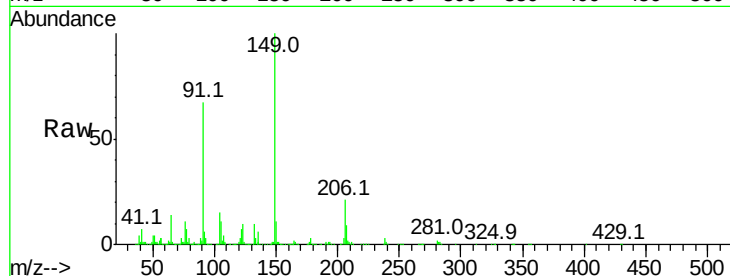




#78
Butylbenzylphthalate
Concen: 24.372 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

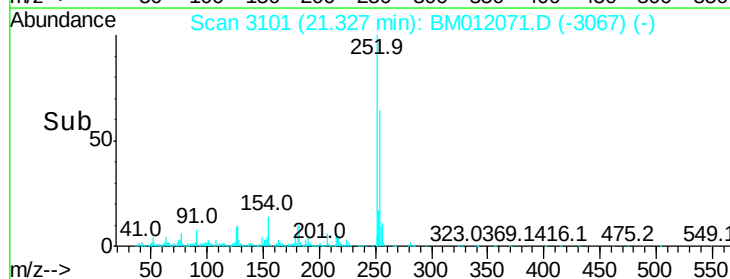
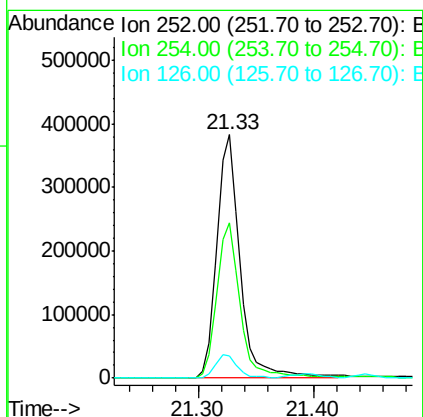
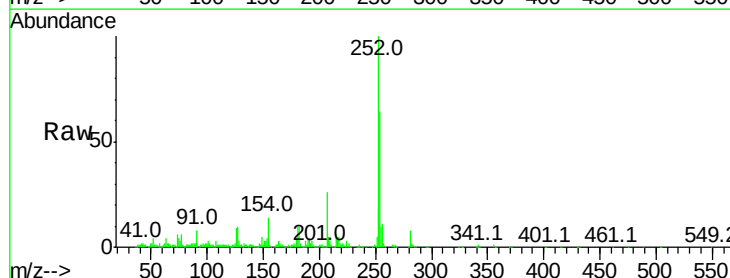
Instrument :
BNA_M
ClientSampleId :

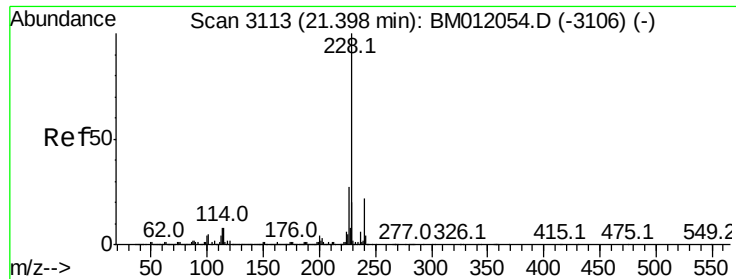
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	62.7	94.1
206	20.8	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 21.158 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM012071.D
Acq: 11 Oct 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	54.5	81.7
126	9.0	5.8	8.8





#80

Benzo(a)anthracene

Concen: 21.616 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

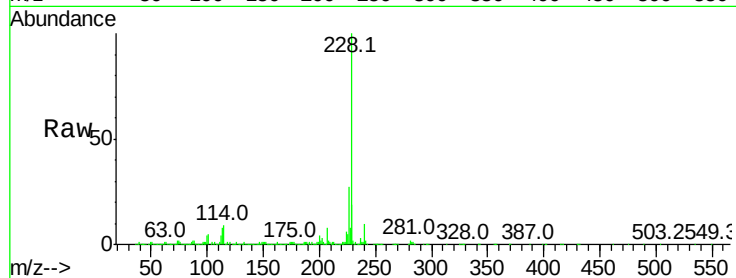
Tot Ion:228 Resp: 1669373

Ion Ratio Lower Upper

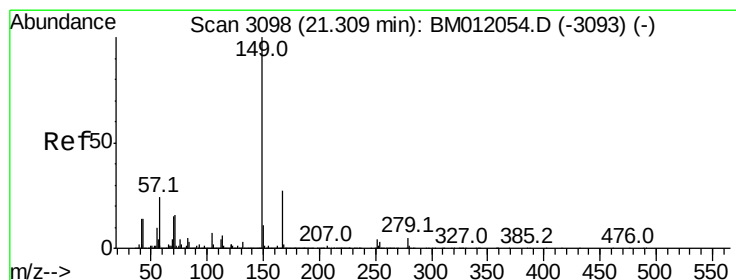
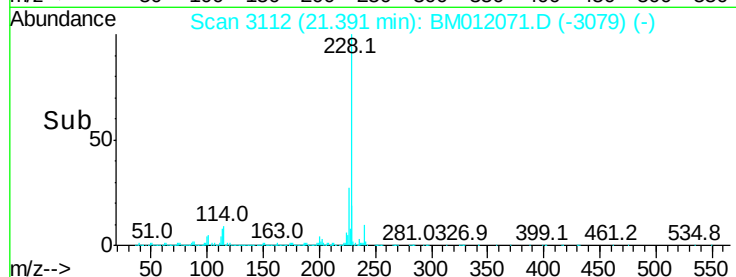
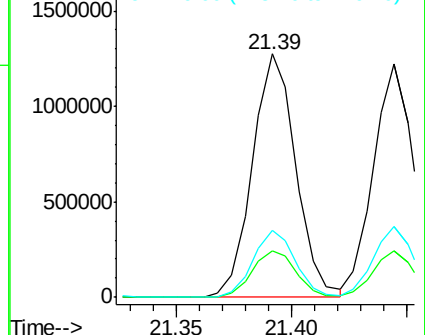
228 100

229 19.4 15.4 23.0

226 27.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 24.655 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

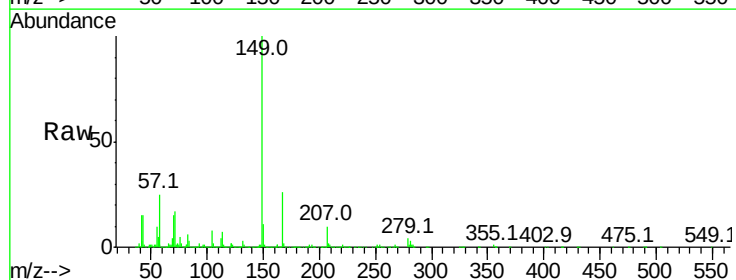
Tgt Ion:149 Resp: 1073978

Ion Ratio Lower Upper

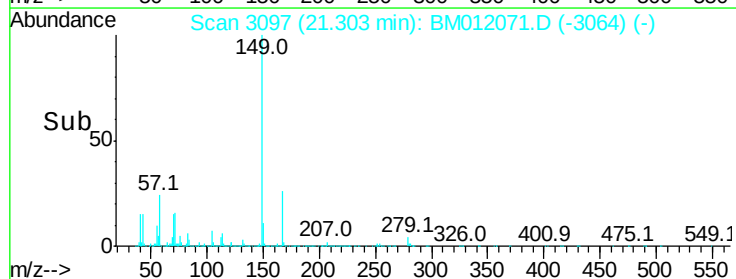
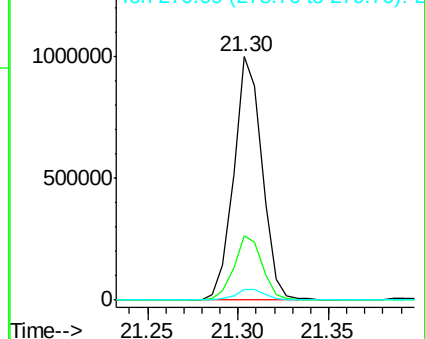
149 100

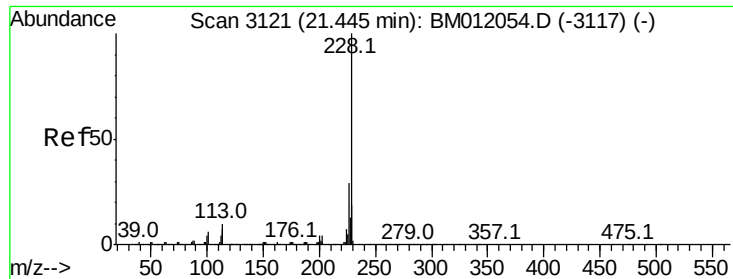
167 26.3 22.8 34.2

279 4.2 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.882 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

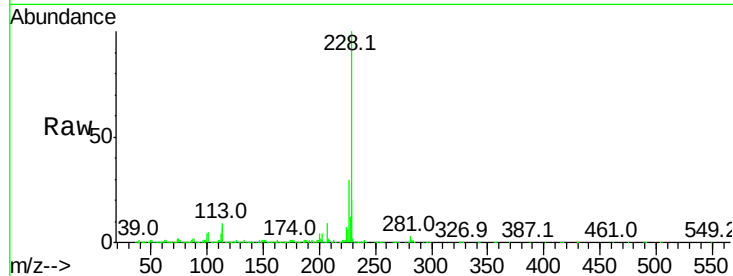
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1532319

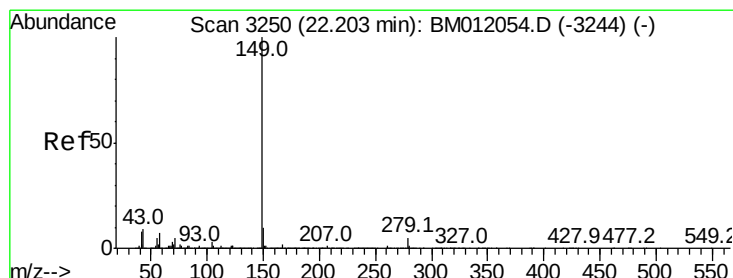
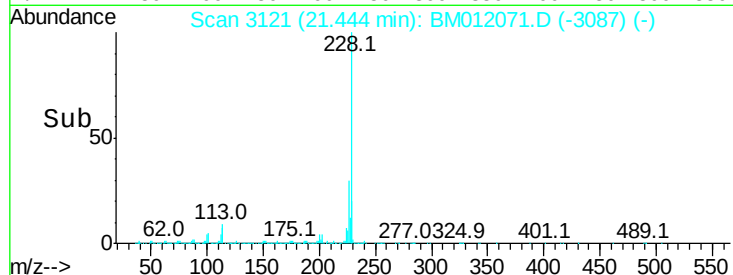
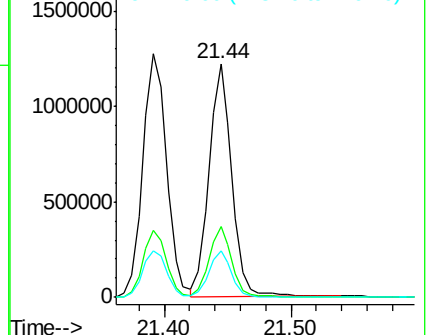
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	19.9	15.5	23.3



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: 21.802 ng/ul

RT: 22.20 min Scan# 3249

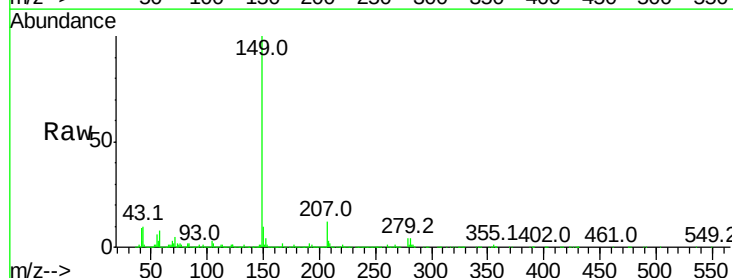
Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:149 Resp: 1777509

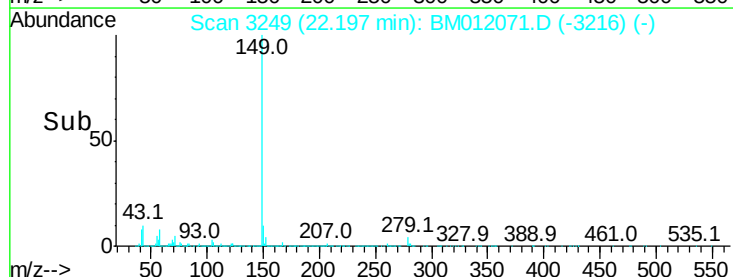
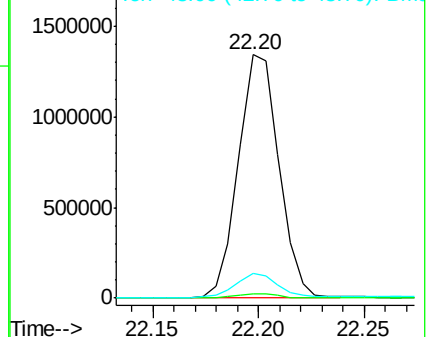
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	7.3	10.9

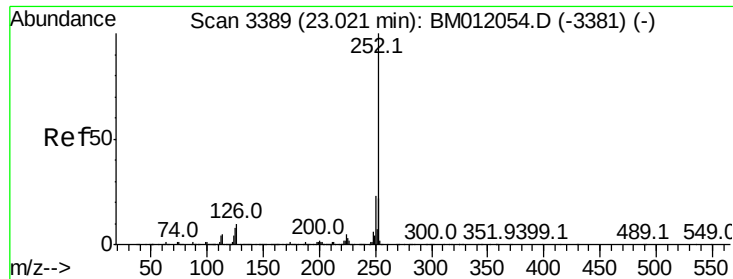


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 20.468 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

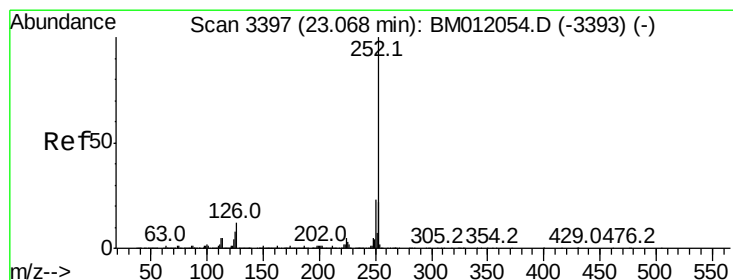
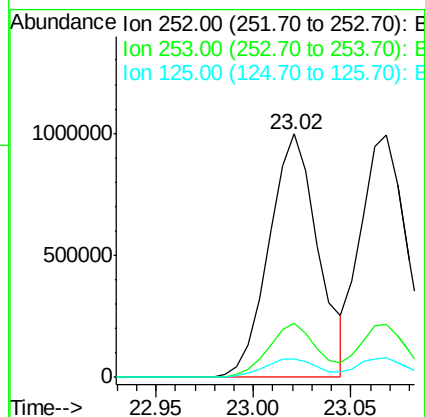
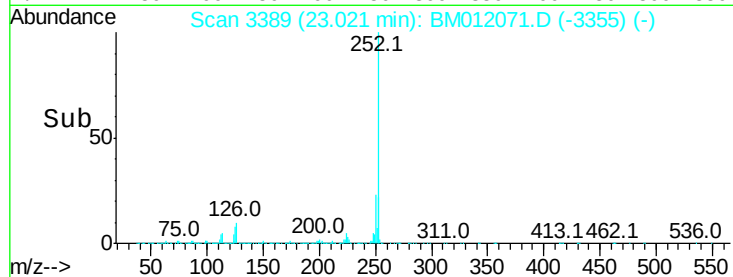
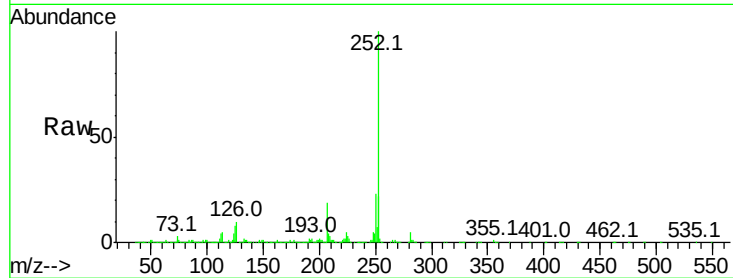
Tot Ion:252 Resp: 1736194

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.8 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 18.955 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. -0.00 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

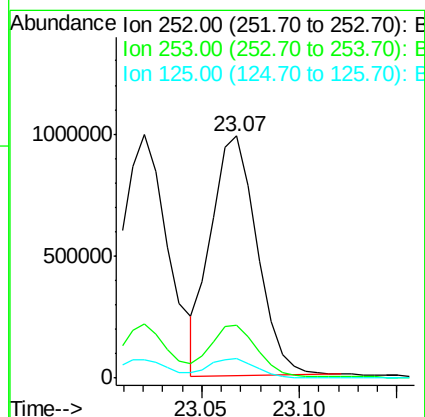
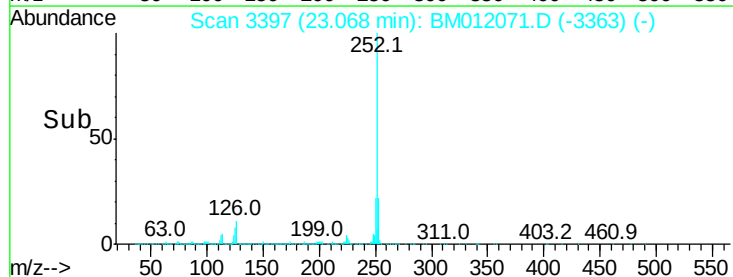
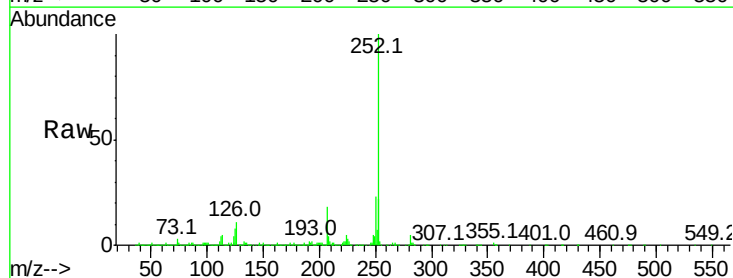
Tgt Ion:252 Resp: 1605202

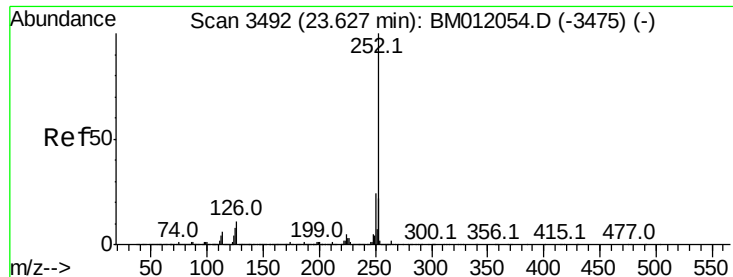
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 8.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.490 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

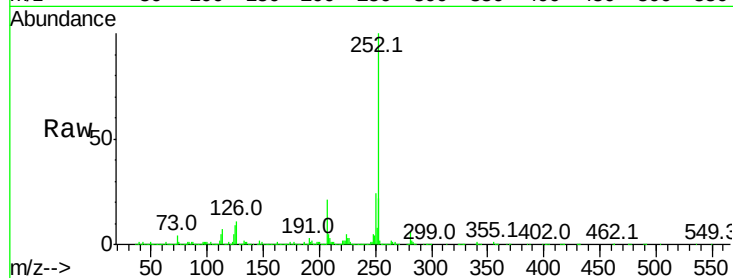
Tot Ion:252 Resp: 1670098

Ion Ratio Lower Upper

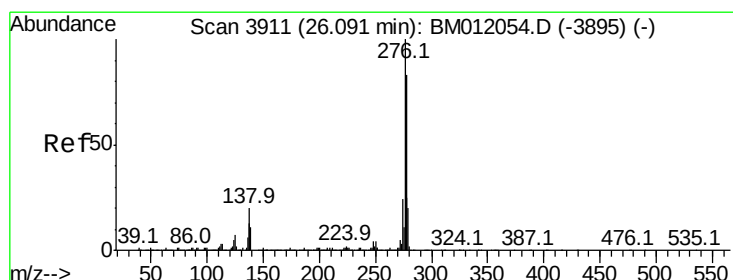
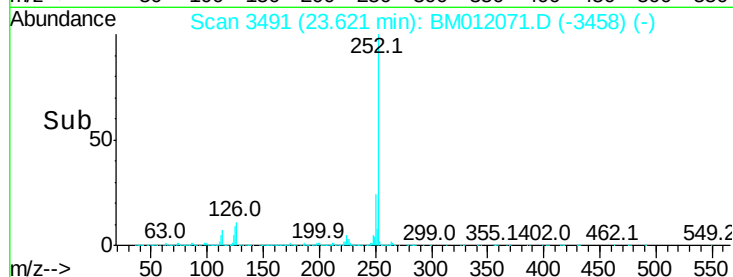
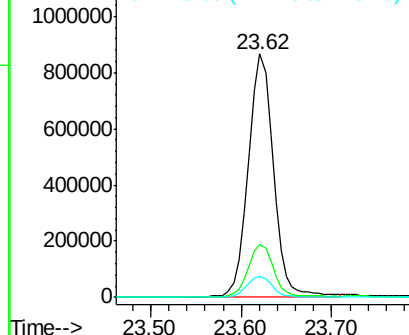
252 100

253 21.9 18.2 27.2

125 8.8 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: 22.831 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

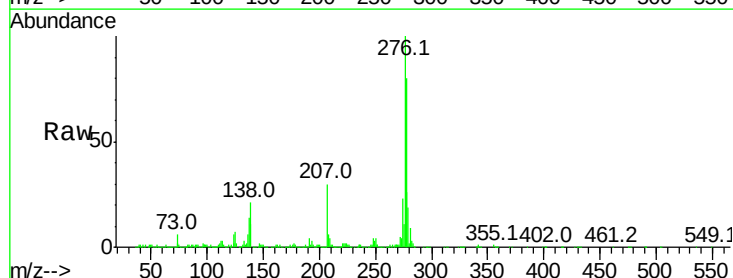
Tgt Ion:276 Resp: 1991373

Ion Ratio Lower Upper

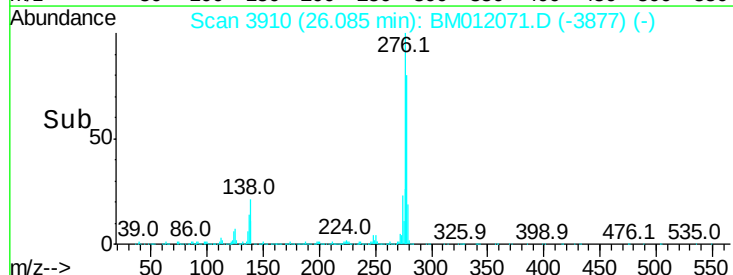
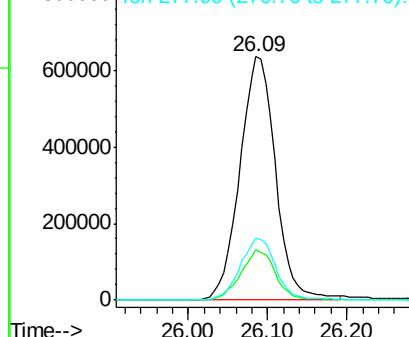
276 100

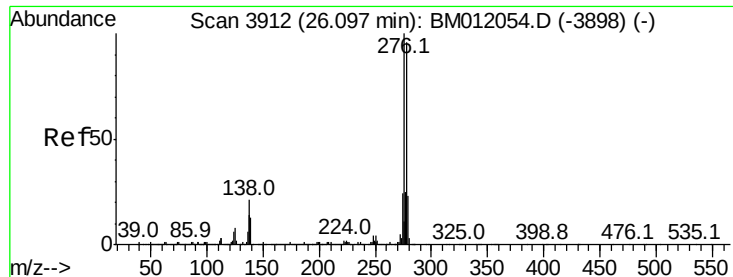
138 20.5 9.3 13.9#

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: 23.313 ng/ul

RT: 26.09 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Instrument :

BNA_M

ClientSampleId :

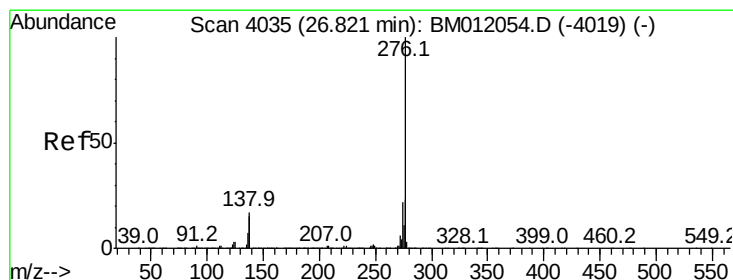
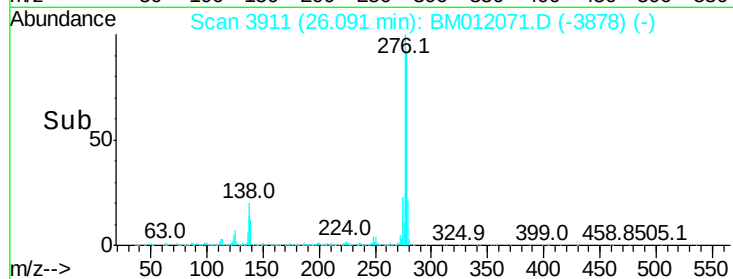
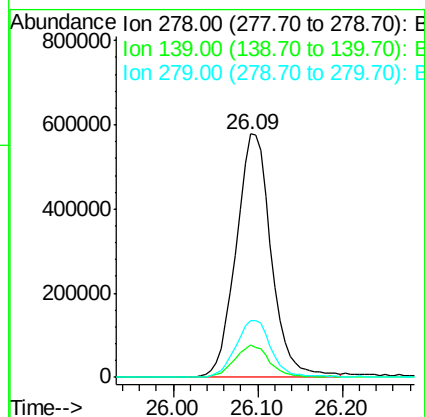
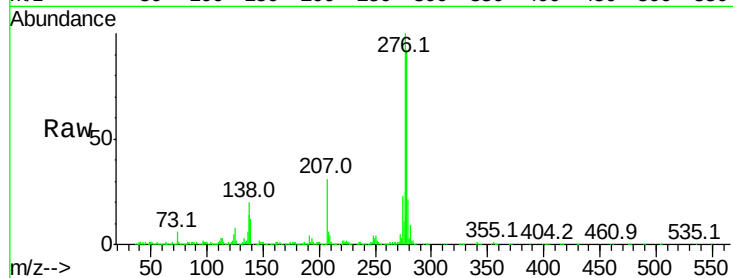
Tot Ion:278 Resp: 1670839

Ion	Ratio	Lower	Upper
278	100		
139	13.4	5.8	8.8#
279	23.4	18.6	27.8

278 100

139 13.4 5.8 8.8#

279 23.4 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 23.685 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM012071.D

Acq: 11 Oct 2017 14:04

Tgt Ion:276 Resp: 1708850

Ion	Ratio	Lower	Upper
276	100		
138	17.8	8.5	12.7#
277	23.9	18.6	28.0

276 100

138 17.8 8.5 12.7#

277 23.9 18.6 28.0

