

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012506.D
 Acq On : 28 Oct 2017 03:41
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 05:19:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	667596	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.66	136	2681188	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1582460	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	3435950	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	3217996	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	3167170	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	105247	8.05	ng/uL	0.00
5) Phenol-d5	7.04	99	1019605	18.28	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	623256	18.82	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.40	132	809513	19.38	ng/ul	-0.01
13) 4-Methylphenol-d8	8.57	113	846827	17.77	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	386955	23.04	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.75	143	437304	25.28	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.28	165	884531	19.30	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.79	131	1001087	20.72	ng/ul	-0.01
43) Dimethylphthalate-d6	13.91	166	2419753	17.50	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3102710	18.97	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	400305	19.48	ng/ul	-0.01
57) Fluorene-d10	15.49	176	2049622	17.52	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	385769	23.20	ng/ul	-0.01
70) Anthracene-d10	17.34	188	3067633	18.73	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3110904	21.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2799090	18.60	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.39	88	110540	7.92	ng/uL# 65
4) Benzaldehyde	7.01	77	711319	23.46	ng/ul 94
6) Phenol	7.06	94	1056769	18.20	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.29	93	797447	18.67	ng/ul 96
10) 2-Chlorophenol	7.43	128	830267	19.42	ng/ul 97
11) 2-Methylphenol	8.31	108	781564	17.85	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.40	45	912432	19.45	ng/ul# 81
14) Acetophenone	8.69	105	1288731	17.21	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.67	70	710908	17.39	ng/ul# 65
16) 4-Methylphenol	8.64	108	848220	17.70	ng/ul 93
17) Hexachloroethane	8.95	117	346765	19.14	ng/ul 84
20) Nitrobenzene	9.07	77	1020497	21.10	ng/ul 95
21) Isophorone	9.59	82	1854371	18.11	ng/ul 95
23) 2-Nitrophenol	9.77	139	474669	24.69	ng/ul# 79
24) 2,4-Dimethylphenol	9.84	107	990200	18.31	ng/ul# 89
25) Bis(2-Chloroethoxy)methane	10.07	93	1079322	18.76	ng/ul 95
27) 2,4-Dichlorophenol	10.31	162	851046	19.04	ng/ul# 90
28) Naphthalene	10.71	128	2510777	18.89	ng/ul 100
30) 4-Chloroaniline	10.82	127	1010518	20.77	ng/ul 95
31) Hexachlorobutadiene	11.00	225	633692	18.48	ng/ul 95
32) Caprolactam	11.59	113	165205	11.41	ng/ul# 41
33) 4-Chloro-3-methylphenol	11.95	107	874958	17.42	ng/ul 98
34) 2-Methylnaphthalene	12.32	142	1907246	17.67	ng/ul 97

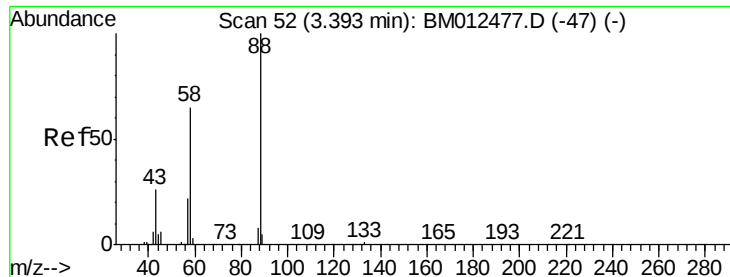
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	1112954	19.86	ng/ul	99
37) Hexachlorocyclopentadiene	12.67	237	645117	17.83	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	723104	21.55	ng/ul	95
39) 2,4,5-Trichlorophenol	13.00	196	763582	21.47	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	2489680	19.72	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1951019	19.70	ng/ul	100
42) 2-Nitroaniline	13.57	65	570660	24.78	ng/ul	93
44) Dimethylphthalate	13.96	163	2408768	17.61	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	504896	23.23	ng/ul	92
47) Acenaphthylene	14.22	152	3002336	19.24	ng/ul	99
48) 3-Nitroaniline	14.40	138	468286	23.00	ng/ul	94
49) Acenaphthene	14.56	153	1995677	18.67	ng/ul	100
50) 2,4-Dinitrophenol	14.61	184	266924	21.88	ng/ul	93
52) 4-Nitrophenol	14.72	109	368252	17.66	ng/ul#	79
53) Dibenzofuran	14.90	168	2872666	18.16	ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	706276	21.70	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.13	232	653760	19.86	ng/ul	95
56) Diethylphthalate	15.32	149	2320944	16.65	ng/ul	96
58) Fluorene	15.54	166	2351832	17.58	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	1258068	17.28	ng/ul	98
60) 4-Nitroaniline	15.56	138	491462	19.25	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.63	198	413332	22.60	ng/ul#	89
64) N-Nitrosodiphenylamine	15.75	169	2009394	20.12	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	801807	19.48	ng/ul	97
66) Hexachlorobenzene	16.55	284	876984	19.26	ng/ul	96
67) Atrazine	16.70	200	769161	17.91	ng/ul	92
68) Pentachlorophenol	16.89	266	500069	20.08	ng/ul	98
69) Phenanthrene	17.29	178	3503179	18.85	ng/ul	98
71) Anthracene	17.37	178	3662445	19.07	ng/ul	98
72) Carbazole	17.64	167	3031135	19.05	ng/ul	100
73) Di-n-butylphthalate	18.21	149	3680470	18.14	ng/ul#	98
74) Fluoranthene	19.29	202	3955573	18.79	ng/ul#	92
77) Pyrene	19.66	202	4008947	21.91	ng/ul#	91
78) Butylbenzylphthalate	20.55	149	1526890	21.18	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1381949	19.57	ng/ul	94
80) Benzo(a)anthracene	21.40	228	3701719	19.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	2140502	19.51	ng/ul	99
82) Chrysene	21.45	228	3319847	19.38	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	3555994	21.65	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	3694027	18.87	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	3425918	18.59	ng/ul#	98
88) Benzo(a)pyrene	23.61	252	3475554	18.62	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	4129088	18.79	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.07	278	3493738	18.76	ng/ul#	96
91) Benzo(g,h,i)perylene	26.77	276	3387212	19.02	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 7.92 ng/uL

RT: 3.39 min Scan# 52

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampled :

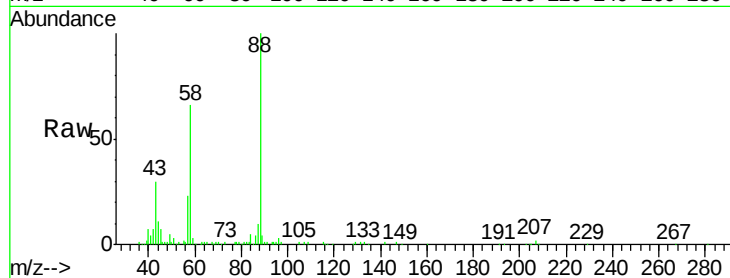
Tot Ion: 88 Resp: 110540

Ion Ratio Lower Upper

88 100

43 28.2 48.0 72.0#

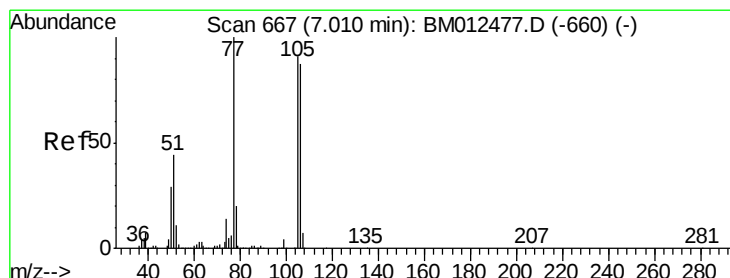
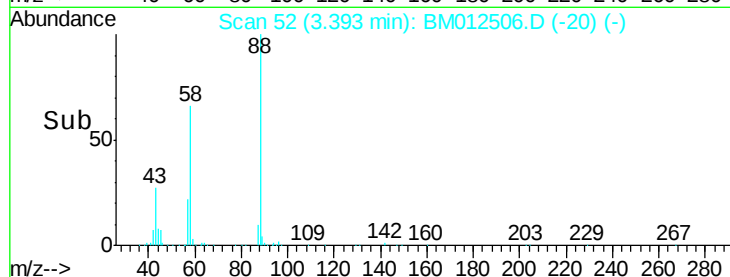
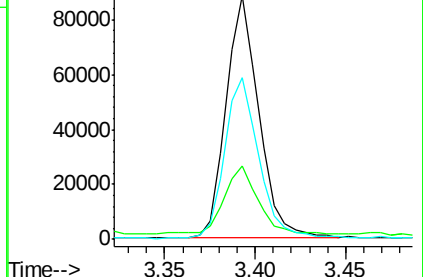
58 69.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012506.D (-20) (-)

Ion 43.00 (42.70 to 43.70): BM012506.D (-20) (-)

Ion 58.00 (57.70 to 58.70): BM012506.D (-20) (-)



#4

Benzaldehyde

Concen: 23.46 ng/uL

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

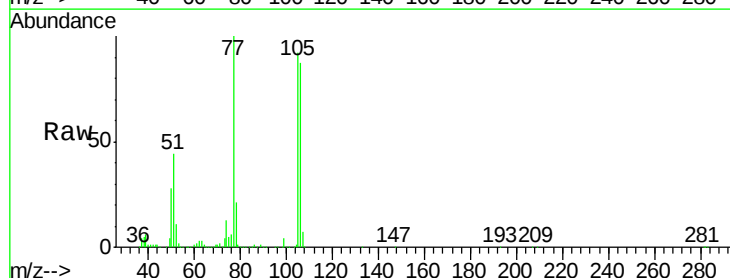
Tgt Ion: 77 Resp: 711319

Ion Ratio Lower Upper

77 100

105 91.7 66.1 99.1

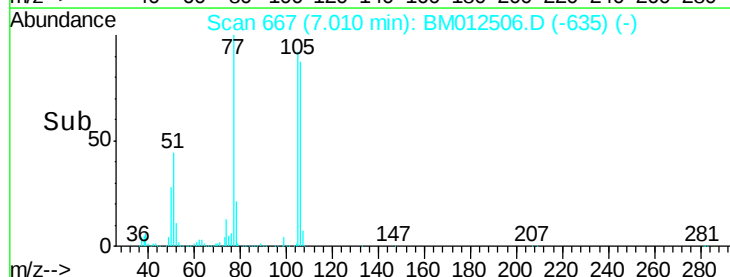
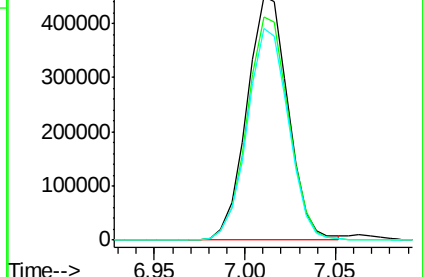
106 86.8 67.8 101.6

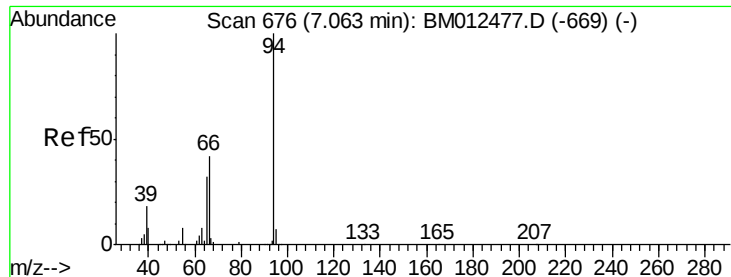


Abundance Ion 77.00 (76.70 to 77.70): BM012506.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM012506.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM012506.D (-635) (-)





#6

Phenol

Concen: 18.20 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

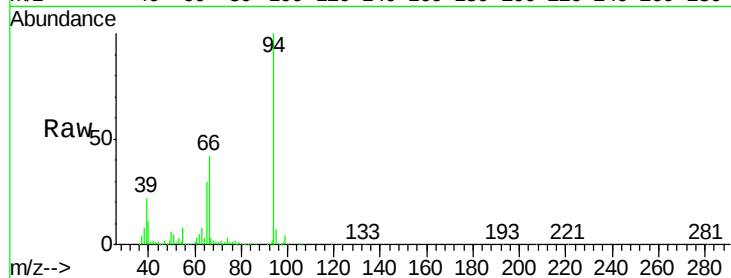
Tot Ion: 94 Resp: 1056769

Ion Ratio Lower Upper

94 100

65 30.3 28.2 42.4

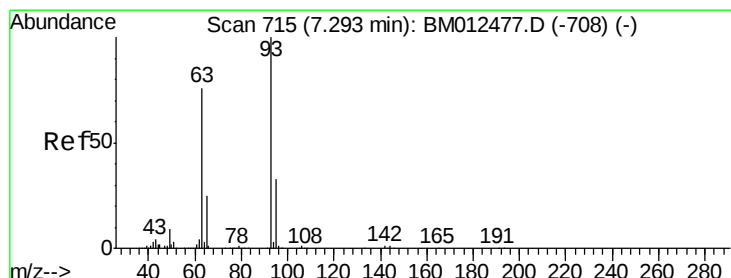
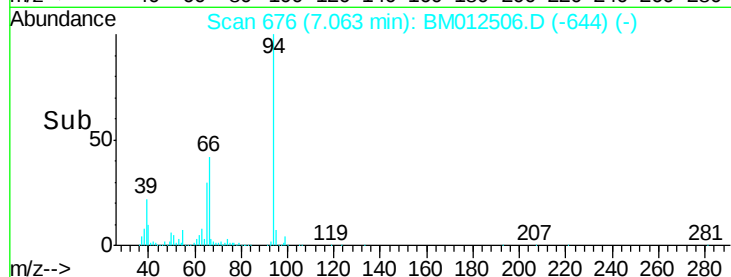
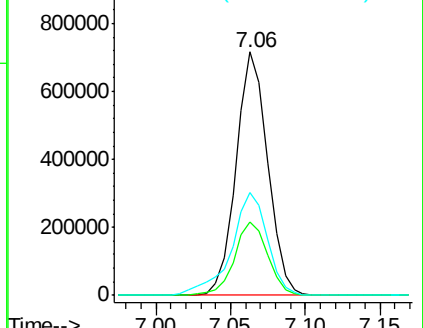
66 42.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012506.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM012506.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM012506.D (-644) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 18.67 ng/ul

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

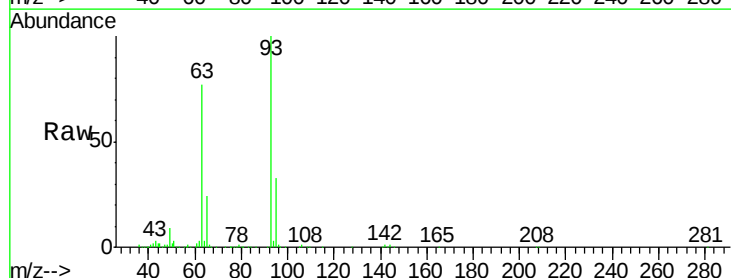
Tgt Ion: 93 Resp: 797447

Ion Ratio Lower Upper

93 100

63 76.7 57.3 85.9

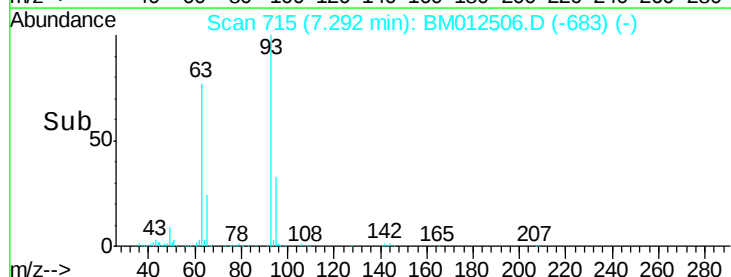
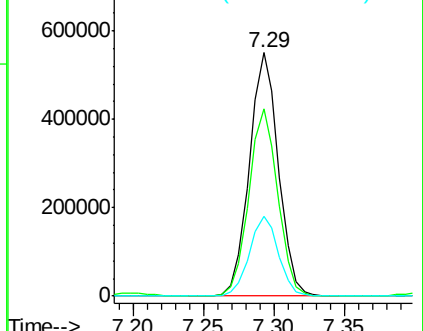
95 32.9 26.6 39.8

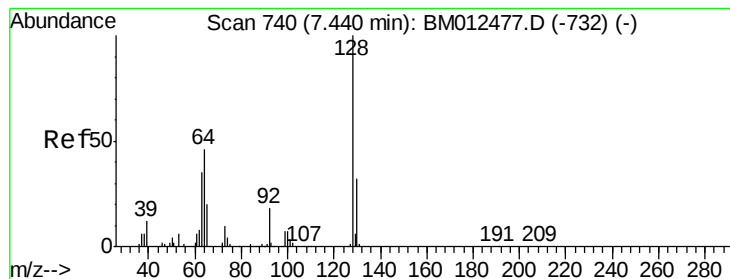


Abundance Ion 93.00 (92.70 to 93.70): BM012506.D (-683) (-)

Ion 63.00 (62.70 to 63.70): BM012506.D (-683) (-)

Ion 95.00 (94.70 to 95.70): BM012506.D (-683) (-)





#10

2-Chlorophenol

Concen: 19.42 ng/ul

RT: 7.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

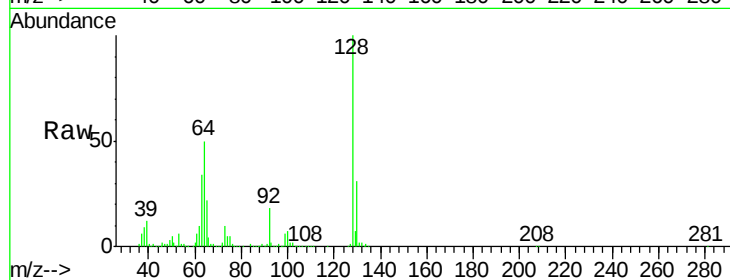
Tot Ion:128 Resp: 830267

Ion Ratio Lower Upper

128 100

64 49.8 38.0 57.0

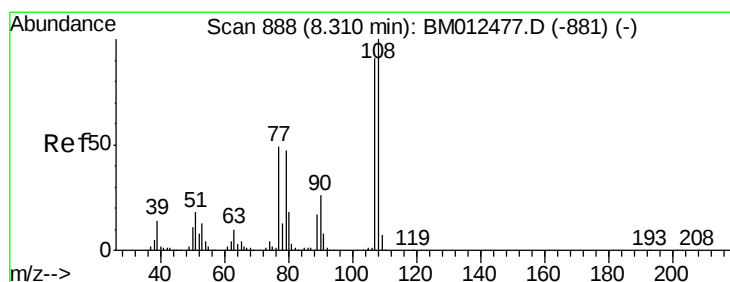
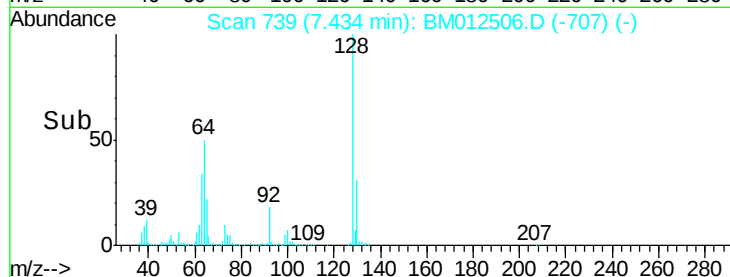
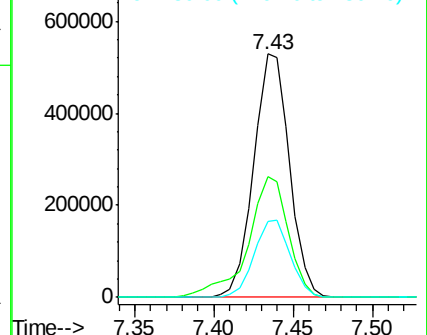
130 31.2 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM012506.D (-707) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 17.85 ng/ul

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BM012506.D

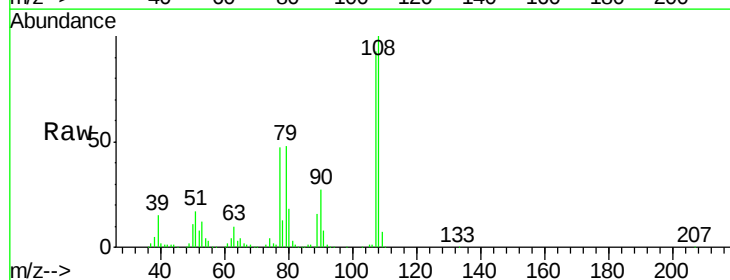
Acq: 28 Oct 2017 03:41

Tgt Ion:108 Resp: 781564

Ion Ratio Lower Upper

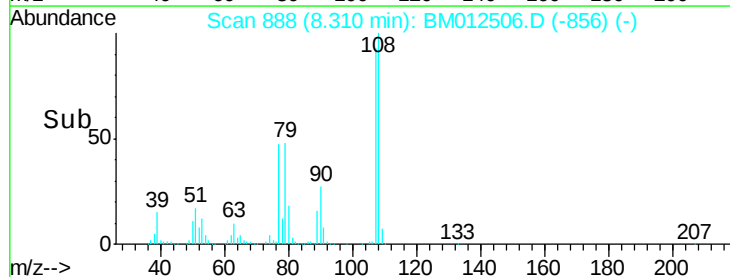
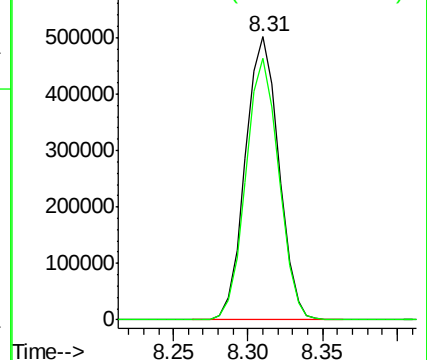
108 100

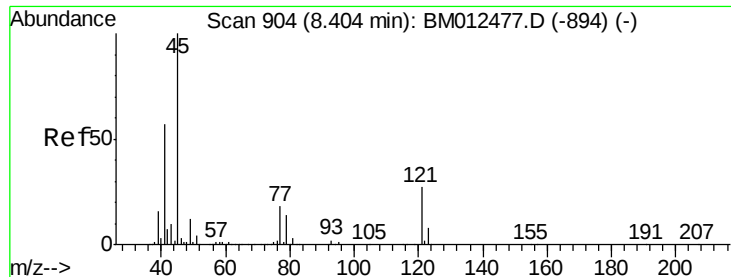
107 92.5 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

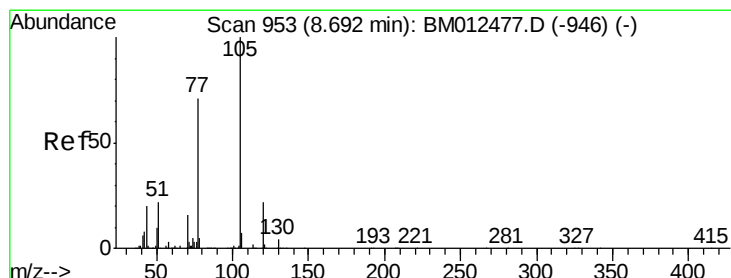
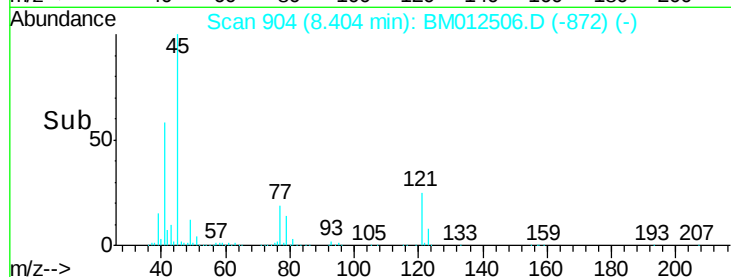
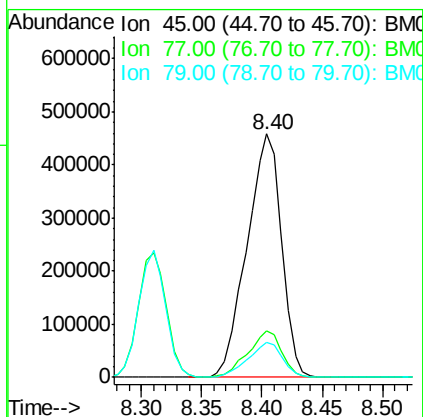
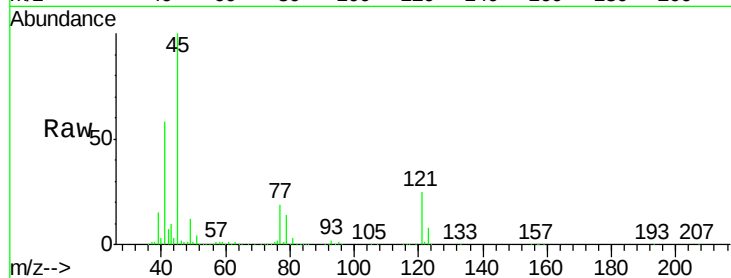




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.45 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

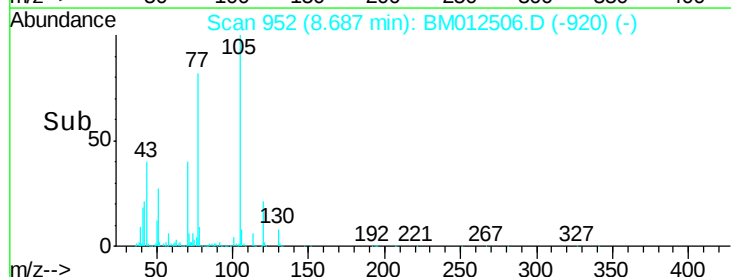
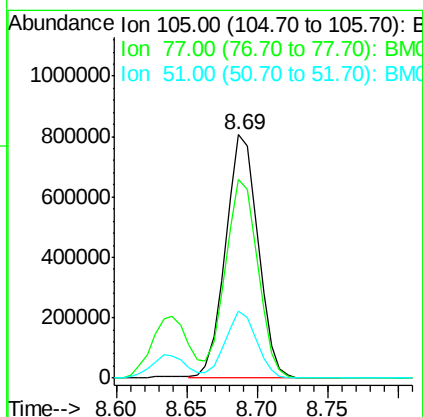
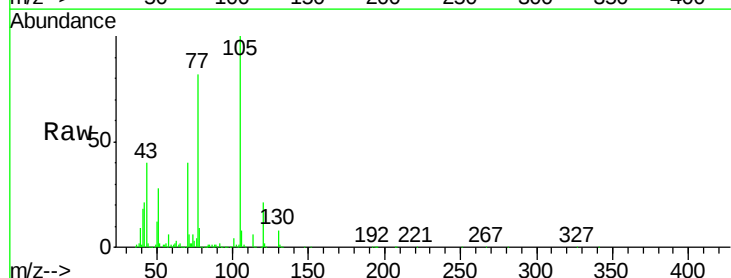
Instrument :
BNA_M
ClientSampled :

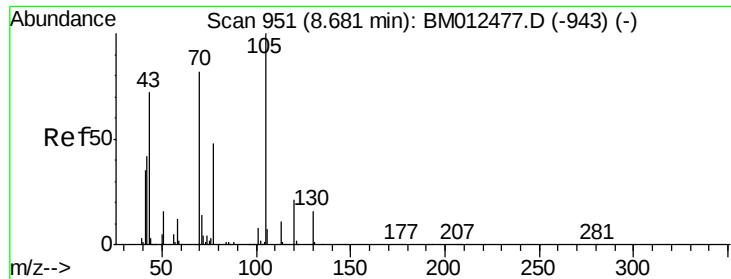
Tot Ion: 45 Resp: 912432
Ion Ratio Lower Upper
45 100
77 19.4 8.0 12.0#
79 14.4 8.0 12.0#



#14
Acetophenone
Concen: 17.21 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:105 Resp: 1288731
Ion Ratio Lower Upper
105 100
77 81.9 74.2 111.4
51 27.5 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 17.39 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 710908

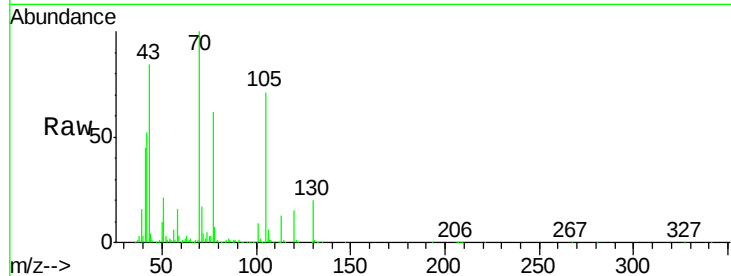
Ion Ratio Lower Upper

70 100

42 51.7 76.0 114.0#

101 9.4 6.7 10.1

130 19.7 14.6 22.0

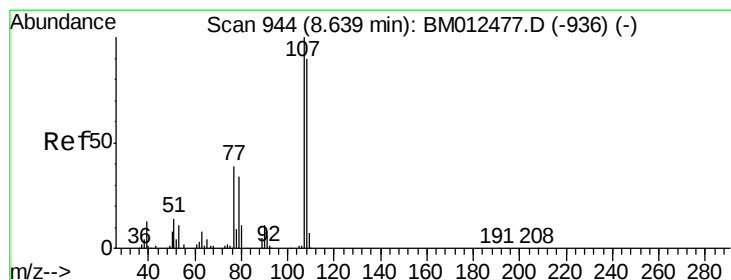
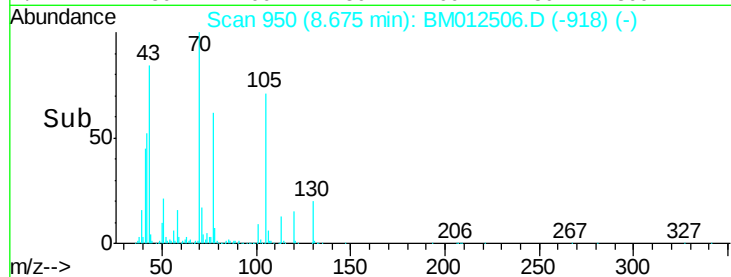
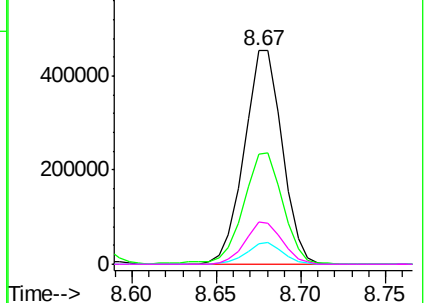


Abundance Ion 70.00 (69.70 to 70.70): BM012506.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM012506.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BM012506.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM012506.D (-918) (-)



#16

4-Methylphenol

Concen: 17.70 ng/ul

RT: 8.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM012506.D

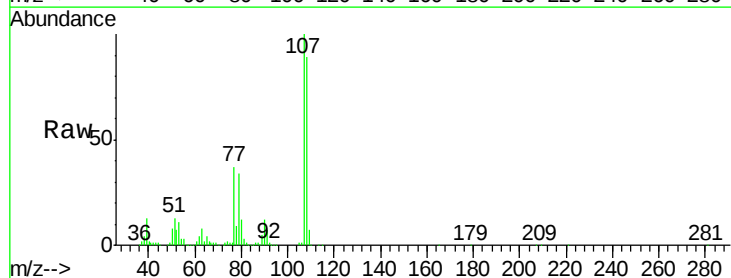
Acq: 28 Oct 2017 03:41

Tgt Ion: 108 Resp: 848220

Ion Ratio Lower Upper

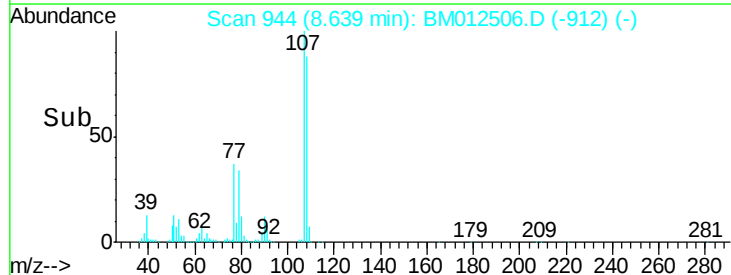
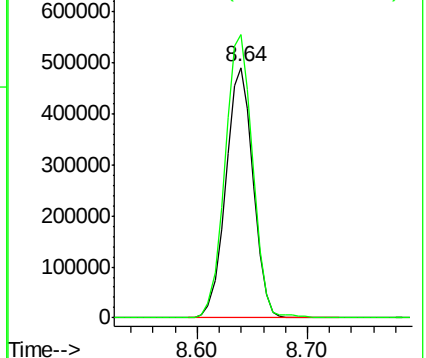
108 100

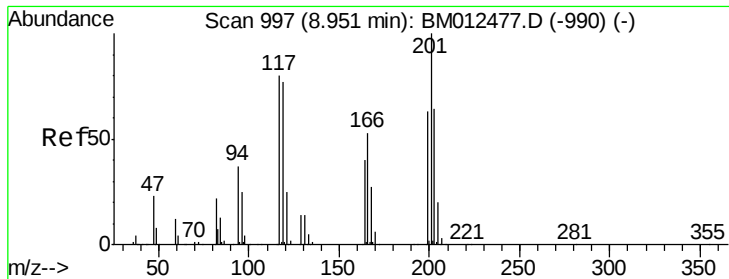
107 113.0 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM012506.D (-912) (-)

Ion 107.00 (106.70 to 107.70): BM012506.D (-912) (-)

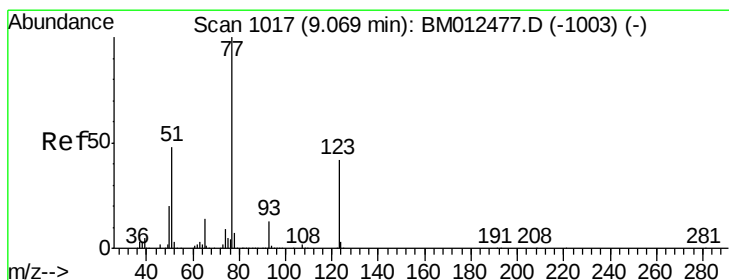
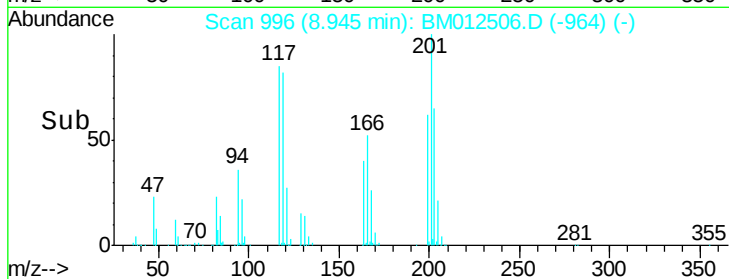
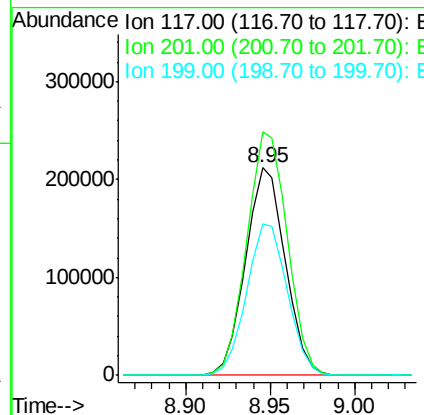
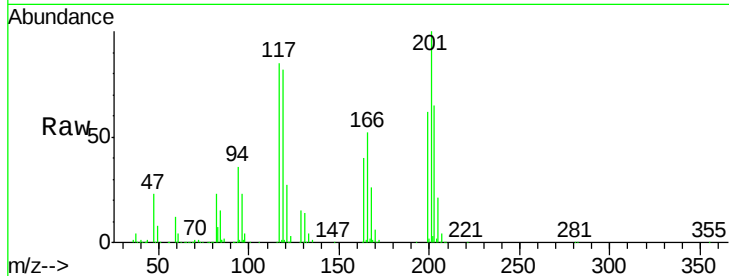




#17
Hexachloroethane
Concen: 19.14 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

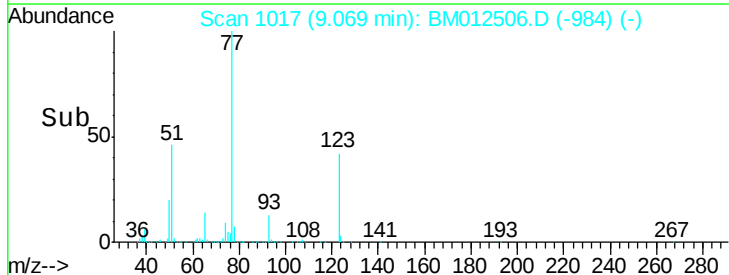
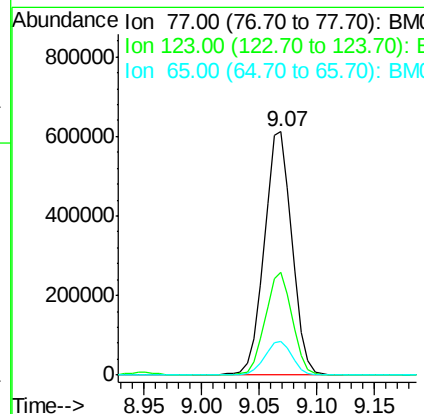
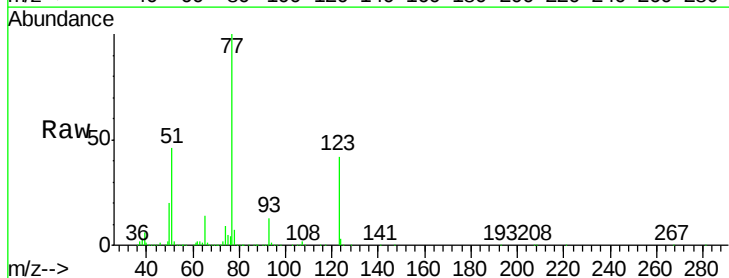
Instrument :
BNA_M
ClientSampleId :

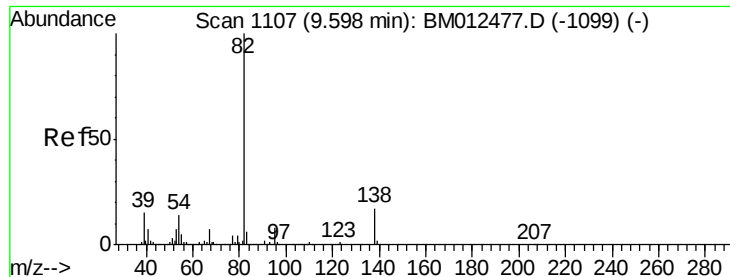
Tot Ion:117 Resp: 346765
Ion Ratio Lower Upper
117 100
201 117.5 111.6 167.4
199 73.3 67.8 101.6



#20
Nitrobenzene
Concen: 21.10 ng/ul
RT: 9.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion: 77 Resp: 1020497
Ion Ratio Lower Upper
77 100
123 42.3 31.0 46.6
65 13.6 12.2 18.2





#21

Isophorone

Concen: 18.11 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

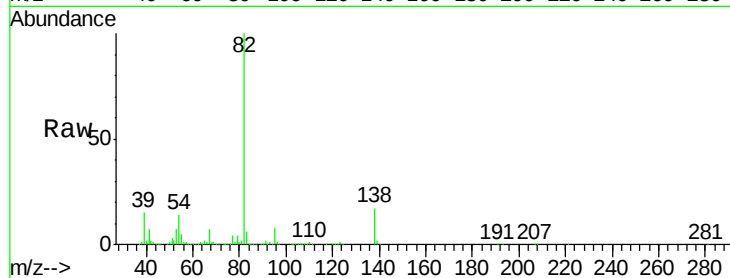
Tot Ion: 82 Resp: 1854371

Ion Ratio Lower Upper

82 100

95 8.0 7.8 11.8

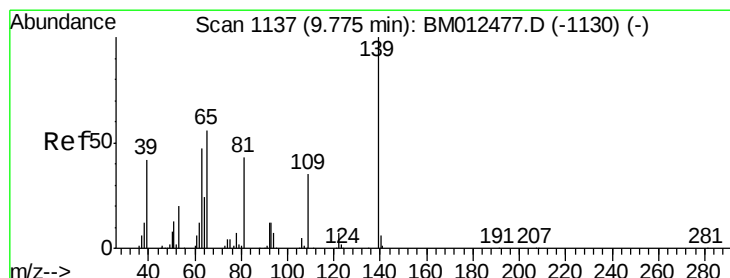
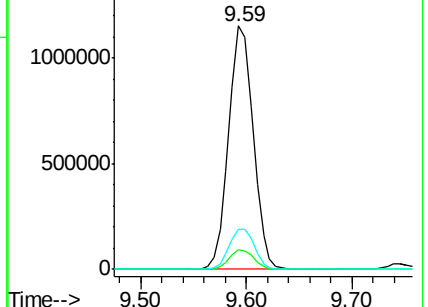
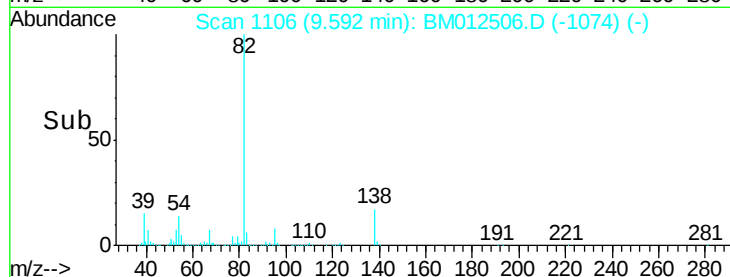
138 16.7 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM012477.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BM012477.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BM012477.D (-1099) (-)



#23

2-Nitrophenol

Concen: 24.69 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

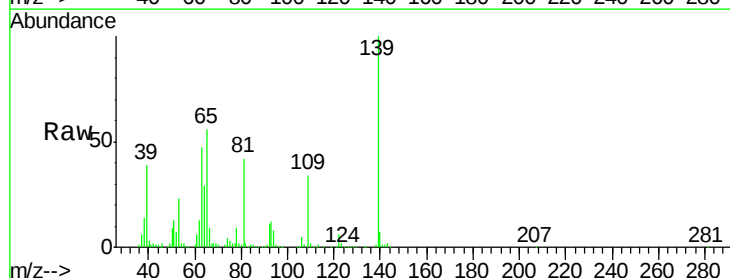
Tgt Ion: 139 Resp: 474669

Ion Ratio Lower Upper

139 100

65 56.1 55.4 83.0

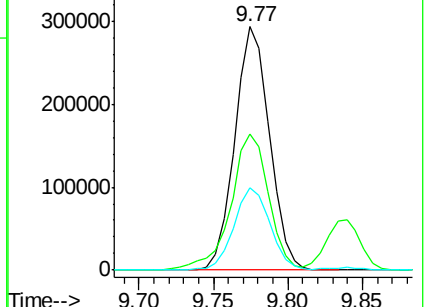
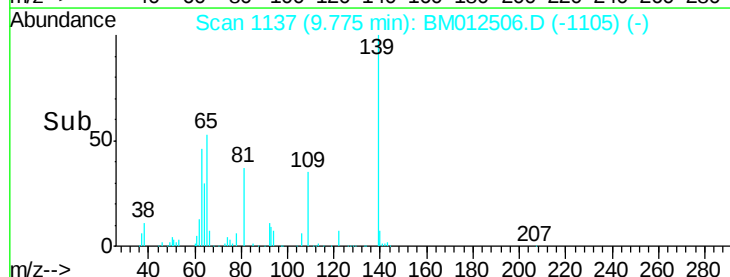
109 33.8 42.2 63.2#

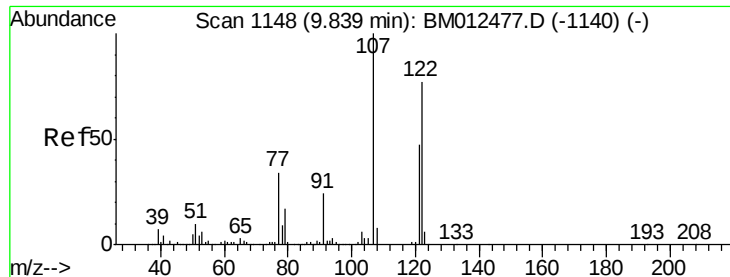


Abundance Ion 139.00 (138.70 to 139.70): BM012477.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM012477.D (-1130) (-)

Ion 109.00 (108.70 to 109.70): BM012477.D (-1130) (-)





#24

2,4-Dimethylphenol

Concen: 18.31 ng/ul

RT: 9.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

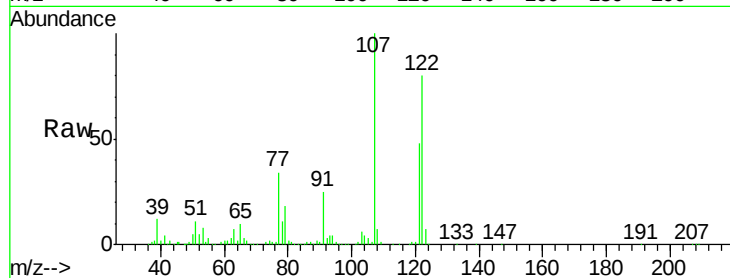
Tot Ion:107 Resp: 990200

Ion Ratio Lower Upper

107 100

121 48.4 31.9 47.9#

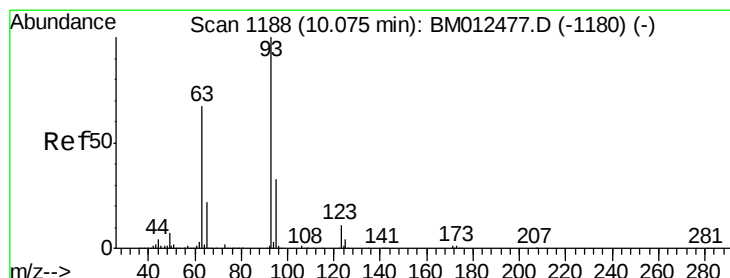
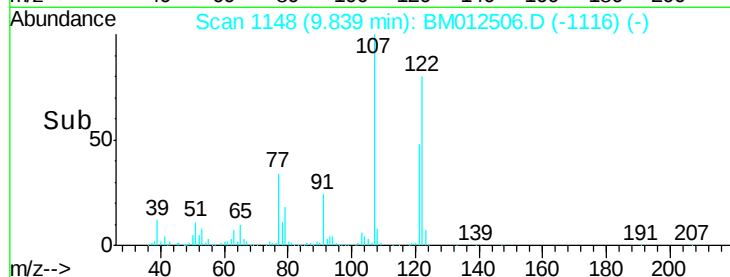
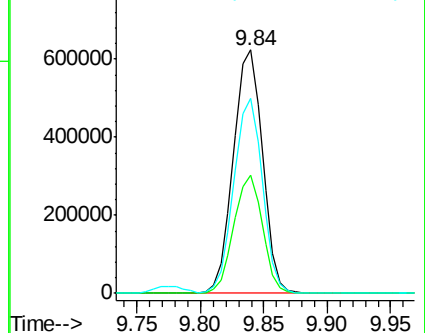
122 80.0 57.8 86.6



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: 18.76 ng/ul

RT: 10.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

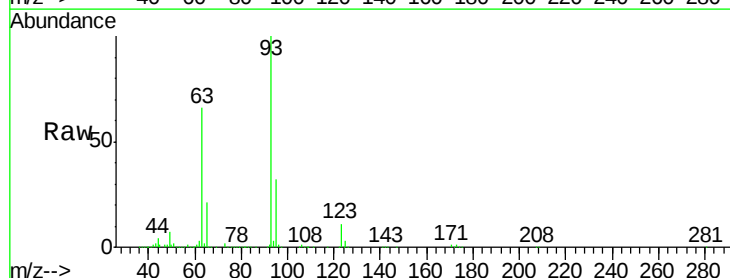
Tgt Ion: 93 Resp: 1079322

Ion Ratio Lower Upper

93 100

95 31.8 28.5 42.7

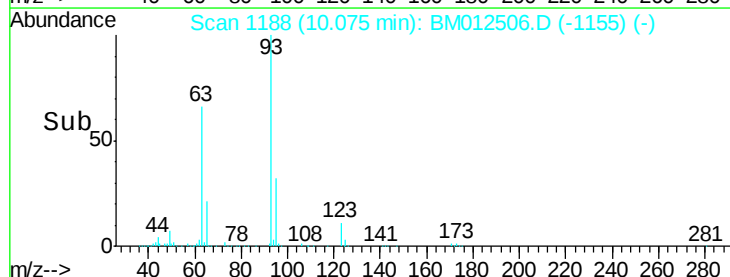
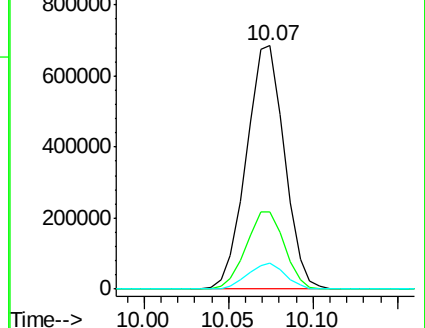
123 10.7 8.9 13.3

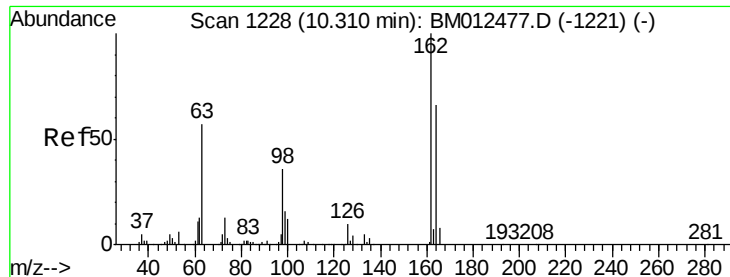


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

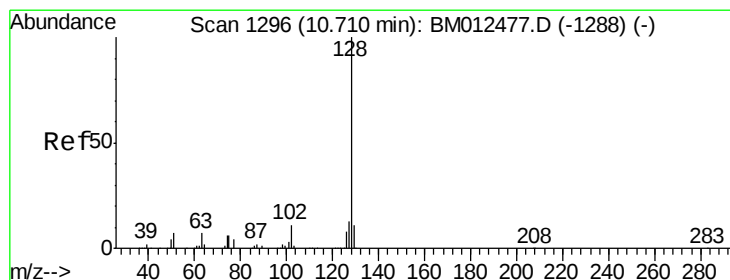
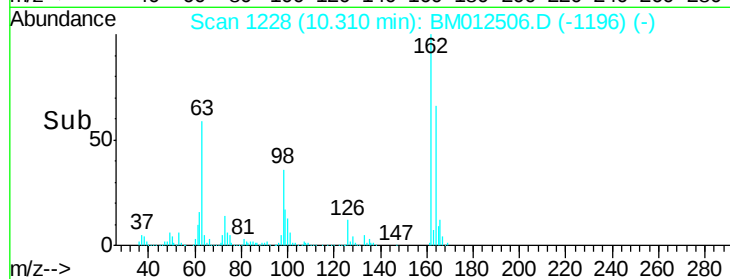
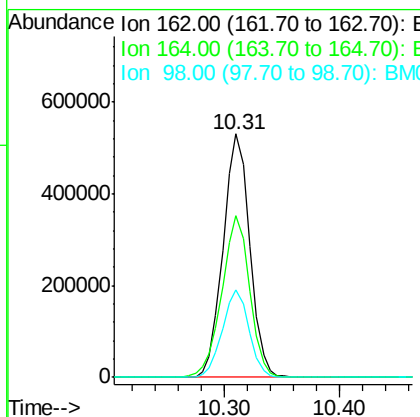
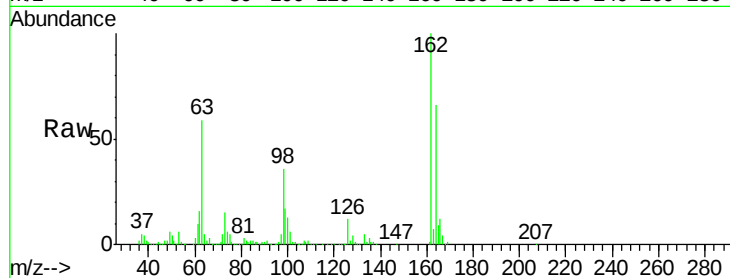




#27
 2,4-Dichlorophenol
 Concen: 19.04 ng/ul
 RT: 10.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

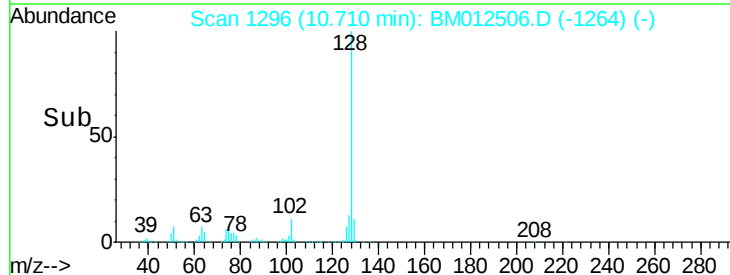
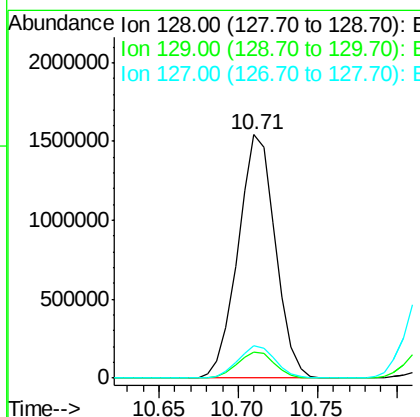
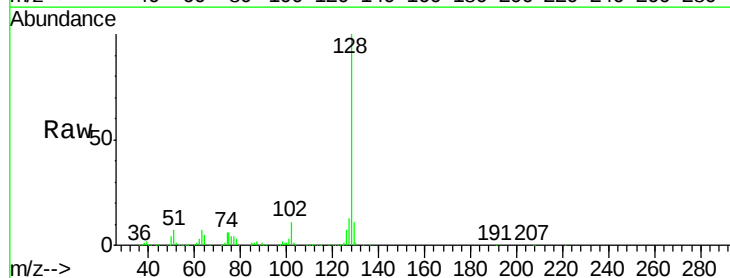
Instrument :
 BNA_M
 ClientSampleId :

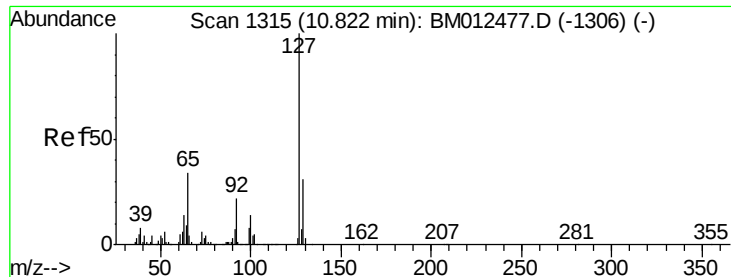
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	47.8	71.6
98	35.8	23.0	34.4



#28
 Naphthalene
 Concen: 18.89 ng/ul
 RT: 10.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.3	10.6	16.0

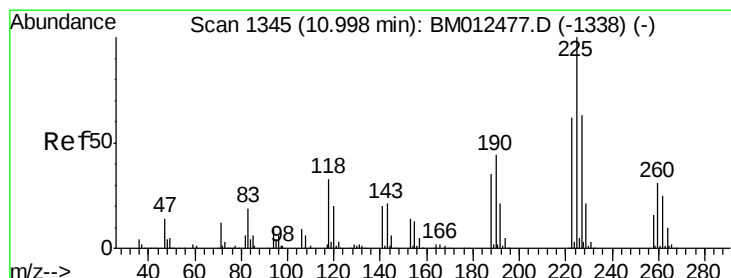
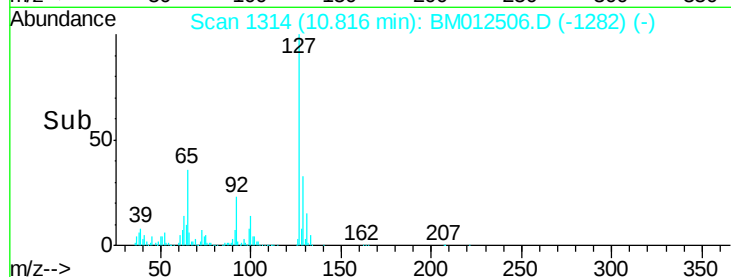
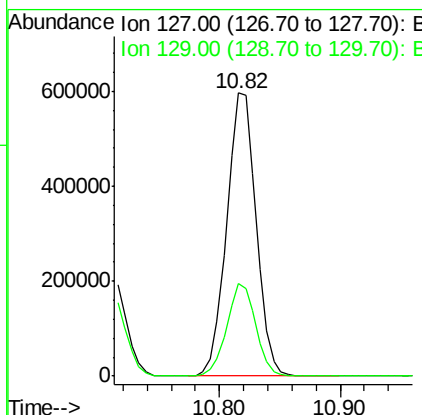
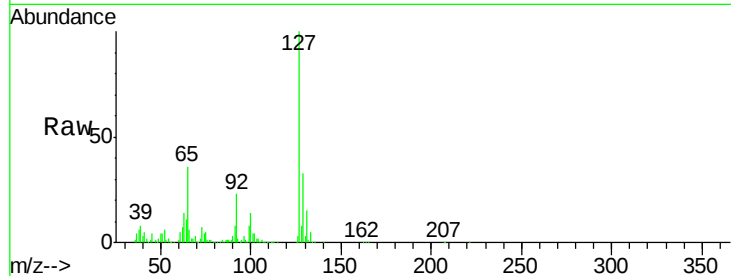




#30
4-Chloroaniline
Concen: 20.77 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

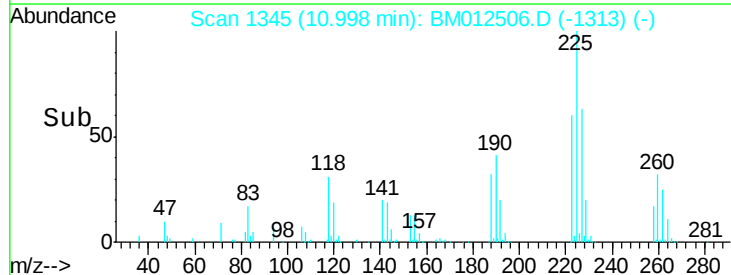
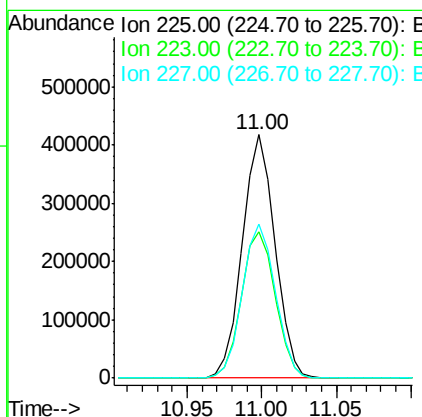
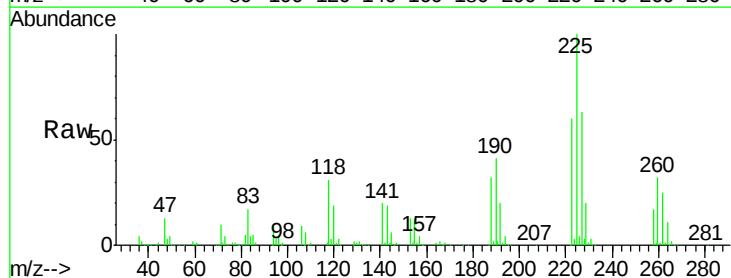
Instrument :
BNA_M
ClientSampleId :

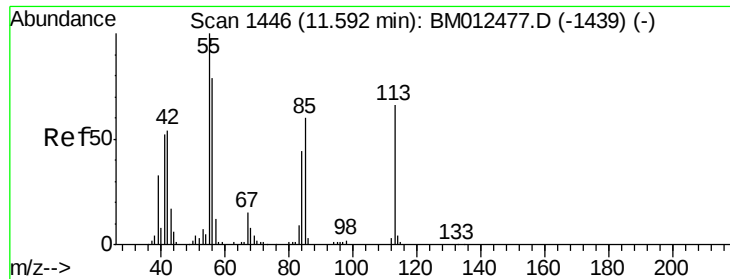
Tot Ion:127 Resp: 1010518
Ion Ratio Lower Upper
127 100
129 32.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.48 ng/ul
RT: 11.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:225 Resp: 633692
Ion Ratio Lower Upper
225 100
223 59.9 49.4 74.2
227 63.2 45.4 68.2





#32

Caprolactam

Concen: 11.41 ng/ul

RT: 11.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

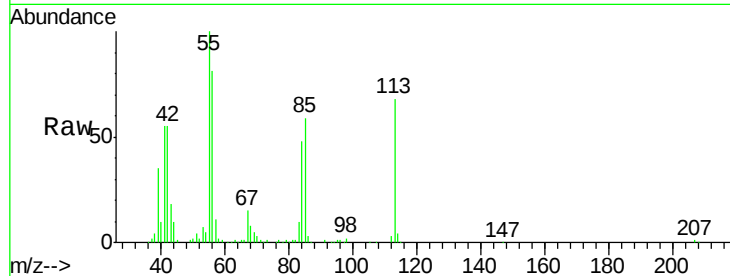
Tot Ion:113 Resp: 165205

Ion Ratio Lower Upper

113 100

55 147.0 208.0 312.0#

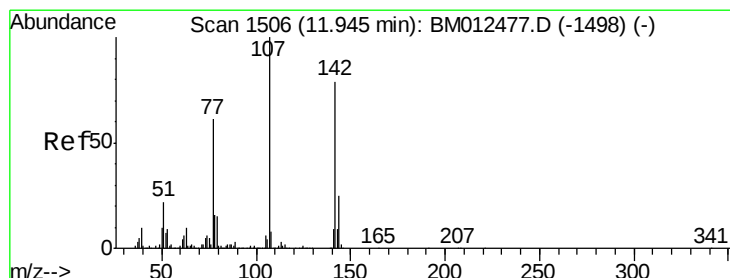
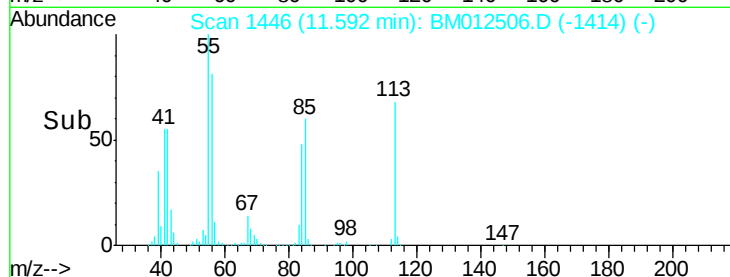
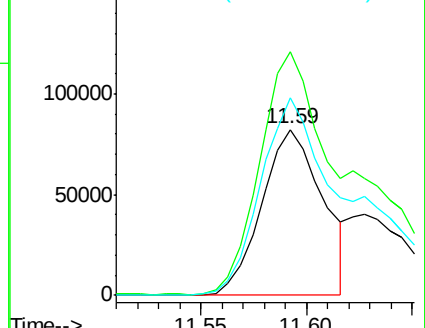
56 119.1 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 17.42 ng/ul

RT: 11.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

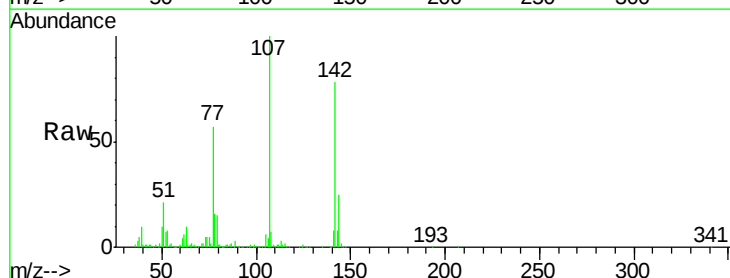
Tgt Ion:107 Resp: 874958

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

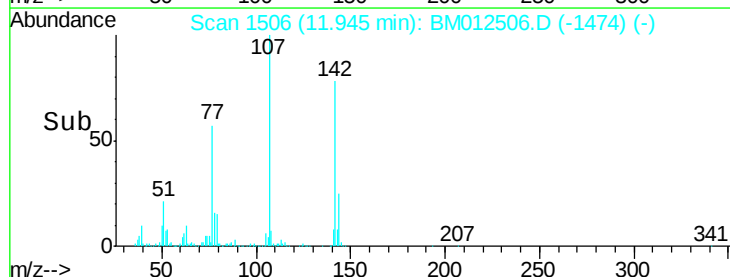
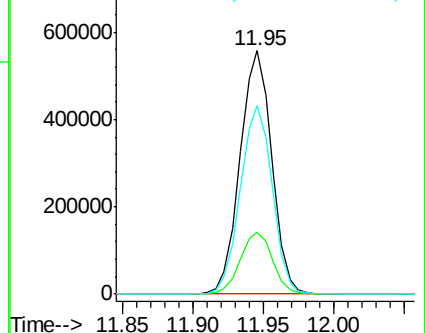
142 77.6 60.5 90.7

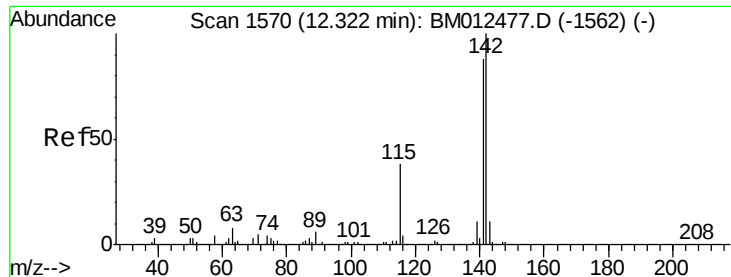


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 17.67 ng/ul

RT: 12.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

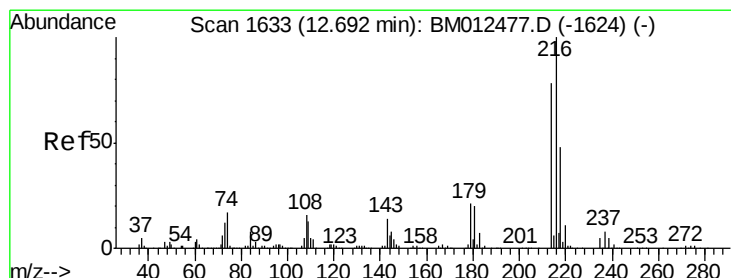
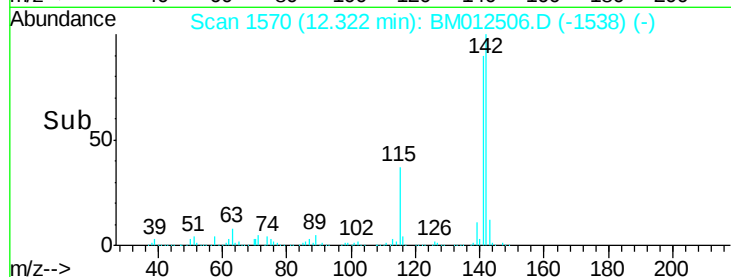
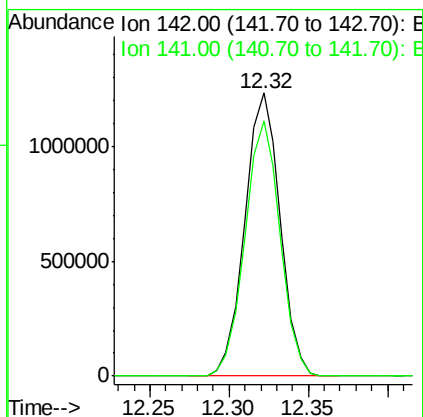
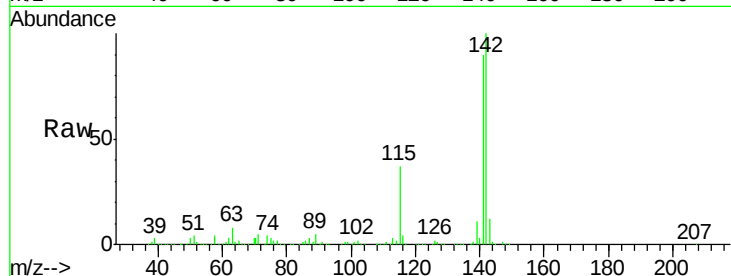
ClientSampleId :

Tot Ion:142 Resp: 1907246

Ion Ratio Lower Upper

142 100

141 90.1 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.86 ng/ul

RT: 12.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:216 Resp: 1112954

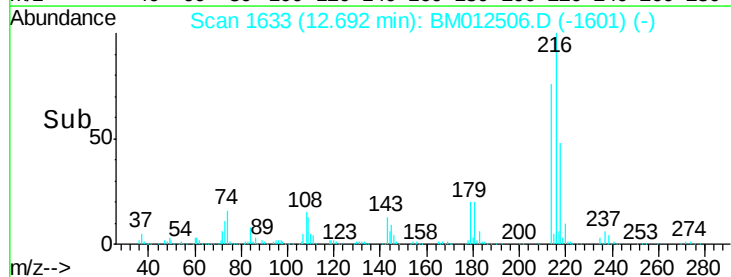
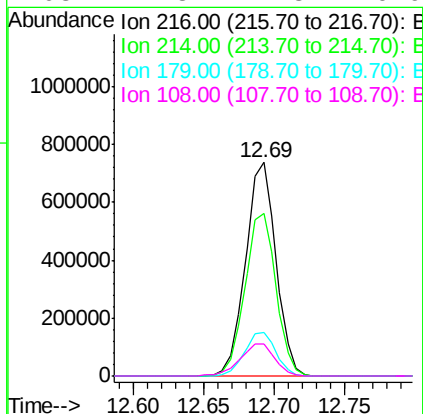
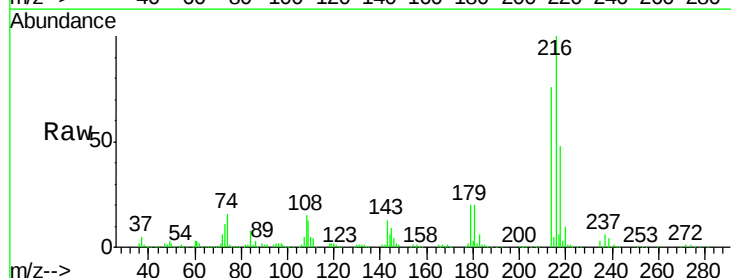
Ion Ratio Lower Upper

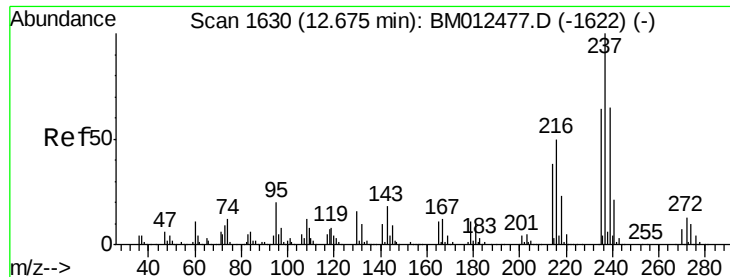
216 100

214 76.0 60.6 90.8

179 20.2 17.5 26.3

108 14.8 11.3 16.9

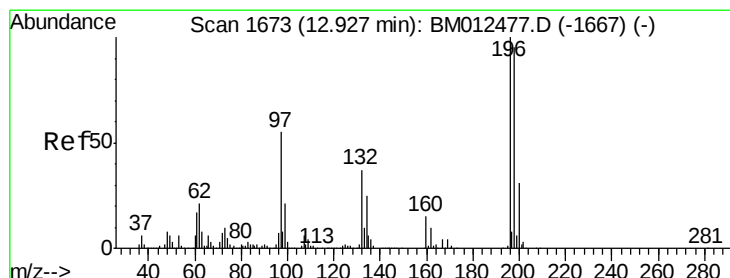
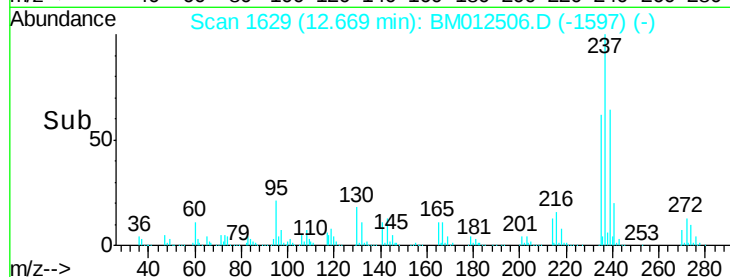
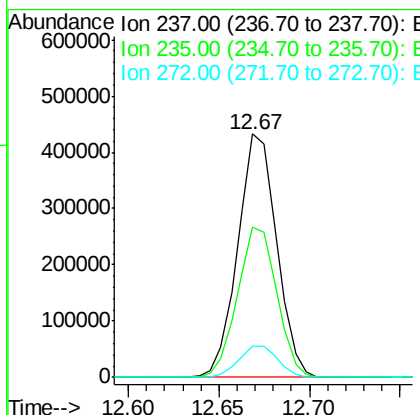
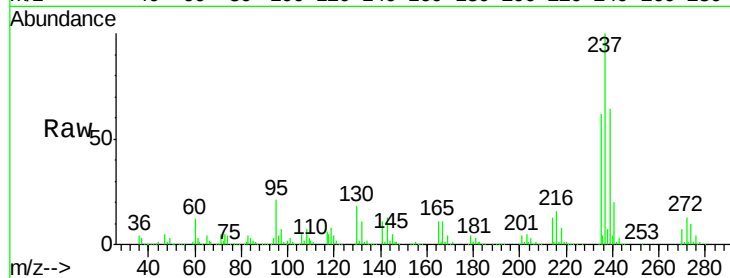




#37
Hexachlorocyclopentadiene
Concen: 17.83 ng/ul
RT: 12.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

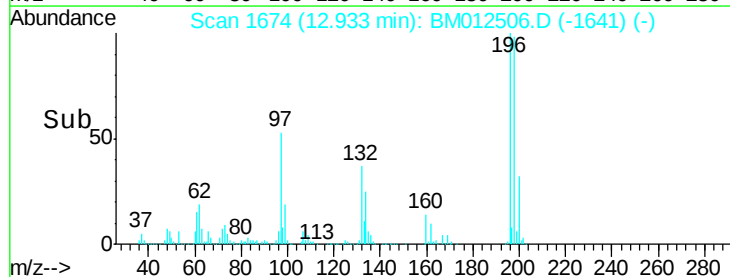
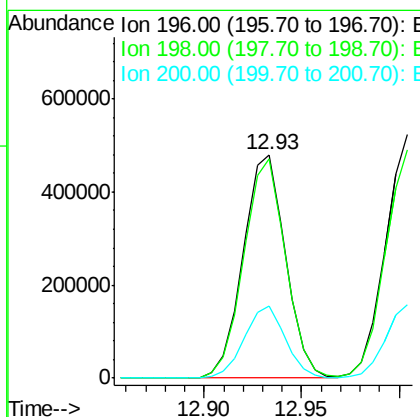
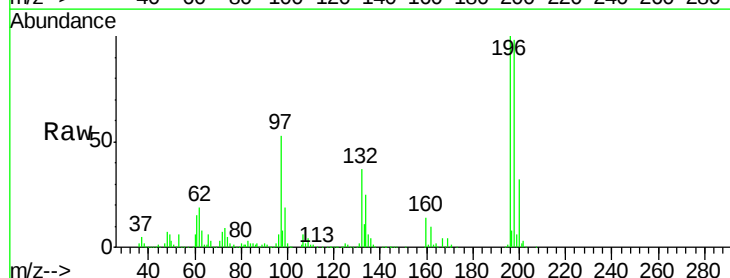
Instrument :
BNA_M
ClientSampled :

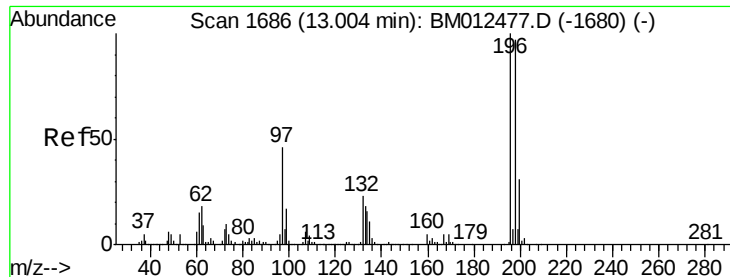
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.8	50.2	75.4
272	12.6	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 21.55 ng/ul
RT: 12.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.1	111.1
200	32.3	25.2	37.8

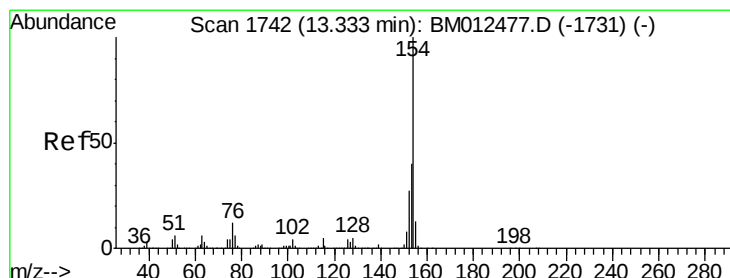
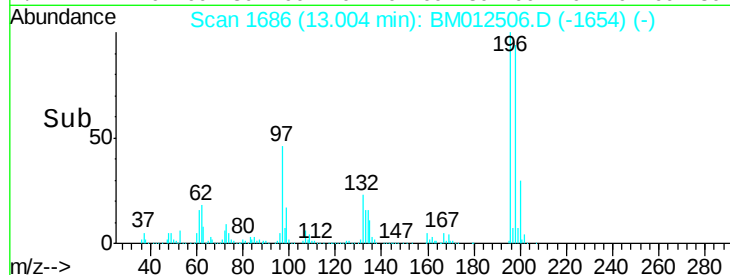
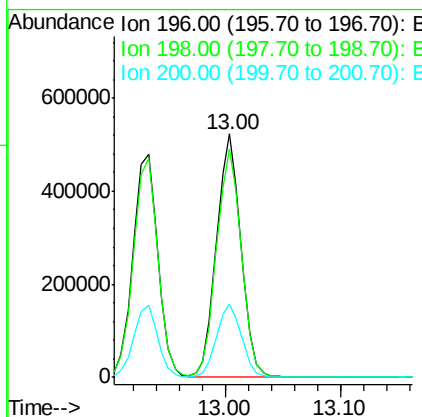
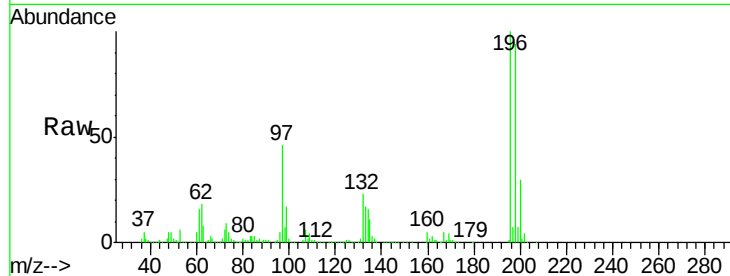




#39
 2,4,5-Trichlorophenol
 Concen: 21.47 ng/ul
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

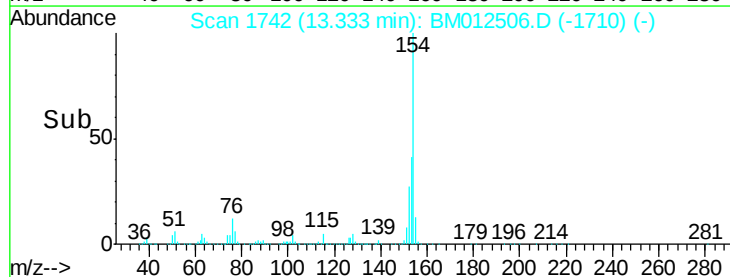
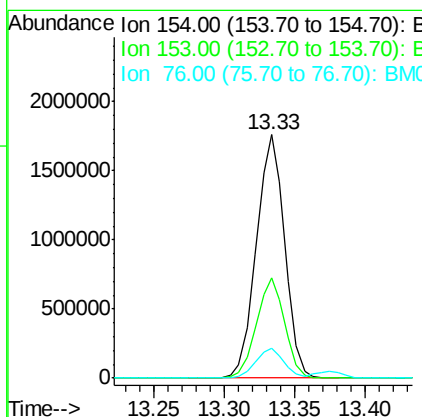
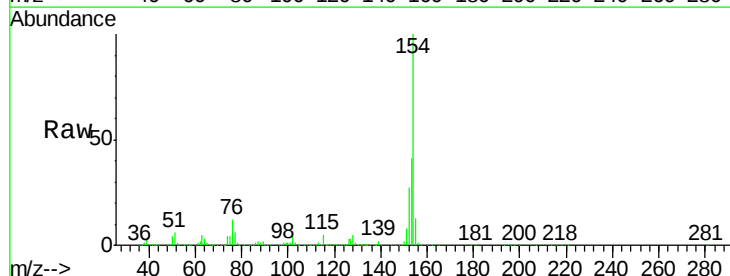
Instrument :
 BNA_M
 ClientSampleId :

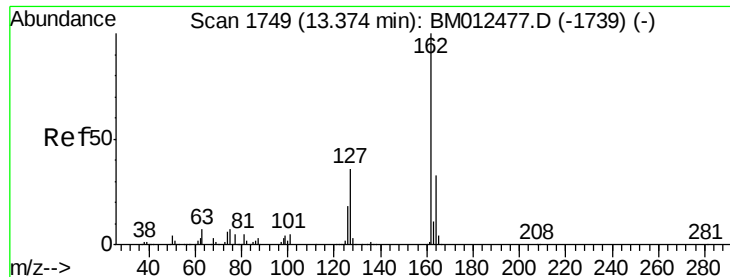
Tot Ion:196 Resp: 763582
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.6 113.4
 200 30.2 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.72 ng/ul
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Tgt Ion:154 Resp: 2489680
 Ion Ratio Lower Upper
 154 100
 153 41.0 32.6 48.8
 76 12.3 8.5 12.7

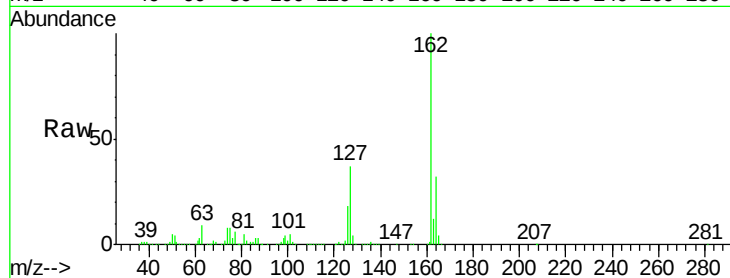




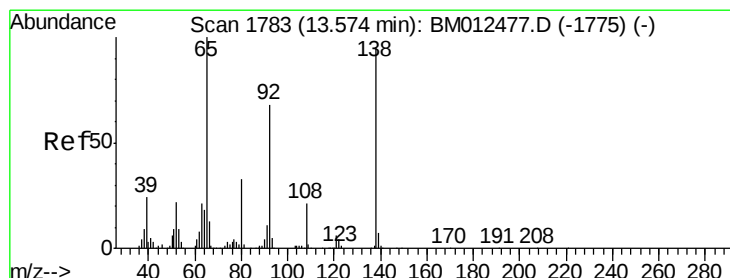
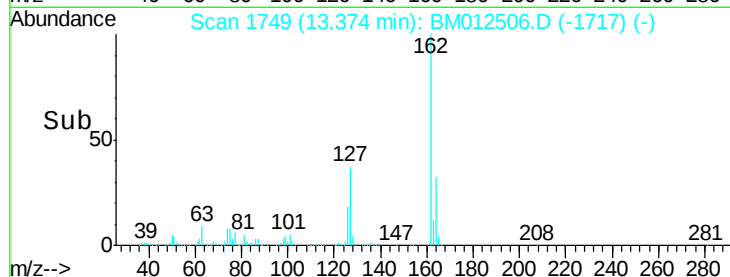
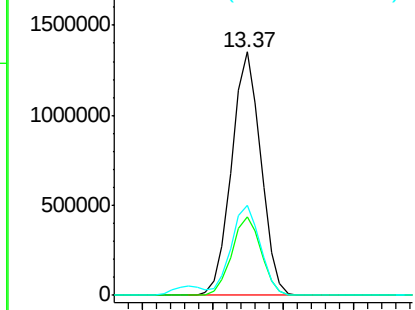
#41
2-Chloronaphthalene
Concen: 19.70 ng/ul
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1951019
Ion Ratio Lower Upper
162 100
164 32.3 25.9 38.9
127 36.9 29.4 44.2

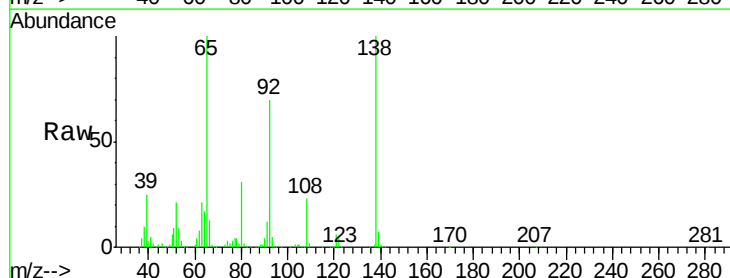


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

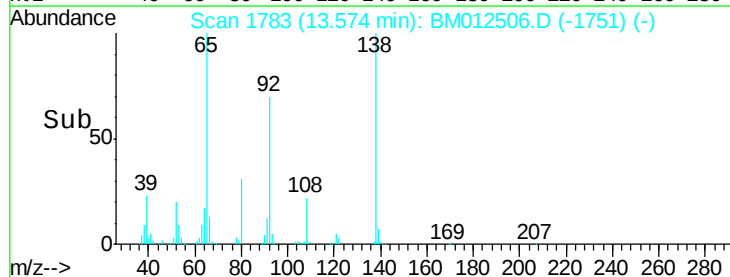
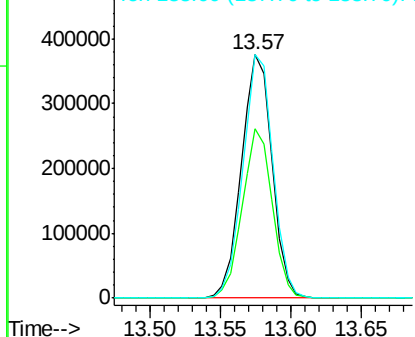


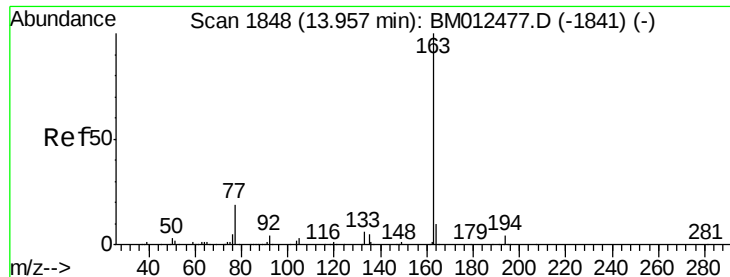
#42
2-Nitroaniline
Concen: 24.78 ng/ul
RT: 13.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion: 65 Resp: 570660
Ion Ratio Lower Upper
65 100
92 69.7 51.8 77.6
138 100.0 74.2 111.4



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

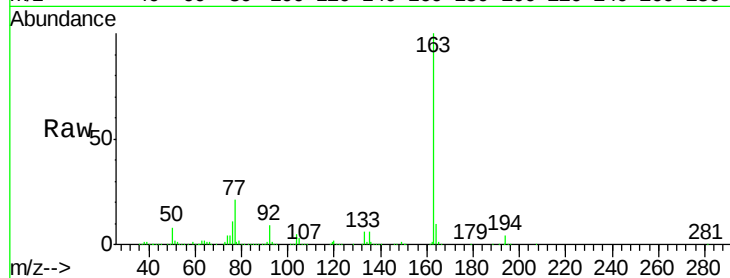




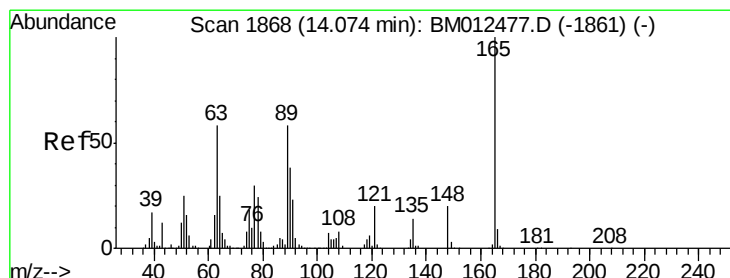
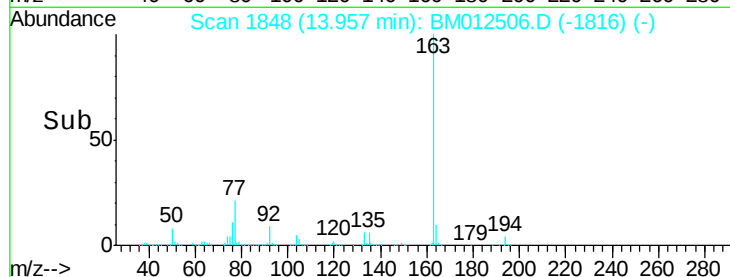
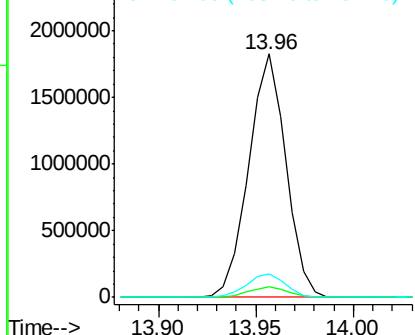
#44
Dimethylphthalate
Concen: 17.61 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:163 Resp: 2408768
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.2 12.4

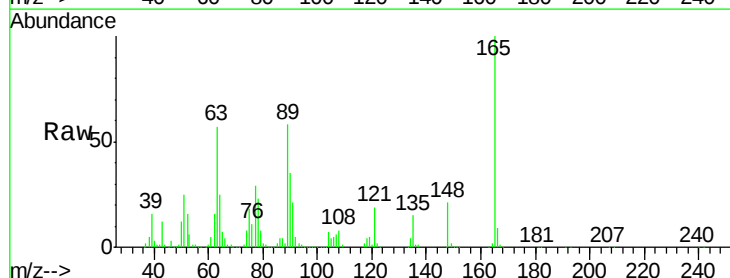


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

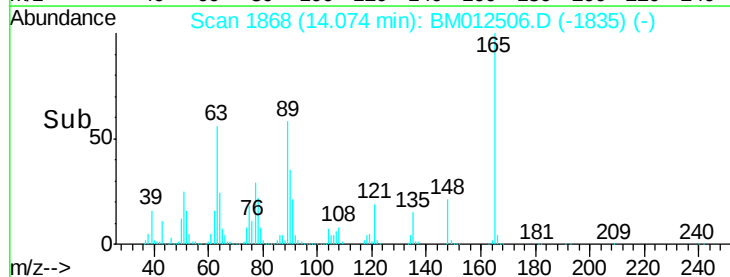
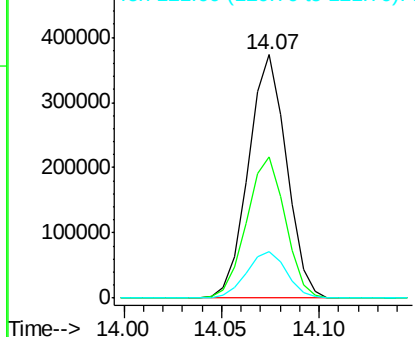


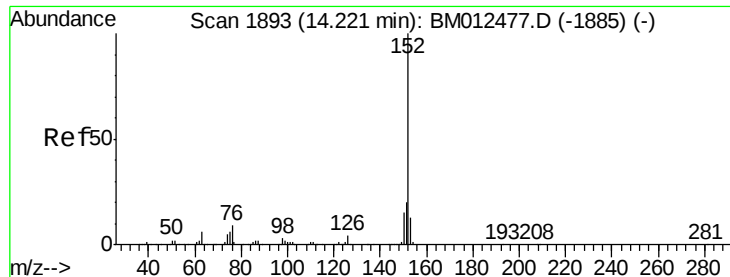
#45
2,6-Dinitrotoluene
Concen: 23.23 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:165 Resp: 504896
Ion Ratio Lower Upper
165 100
89 57.9 52.6 79.0
121 19.0 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: 19.24 ng/ul

RT: 14.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

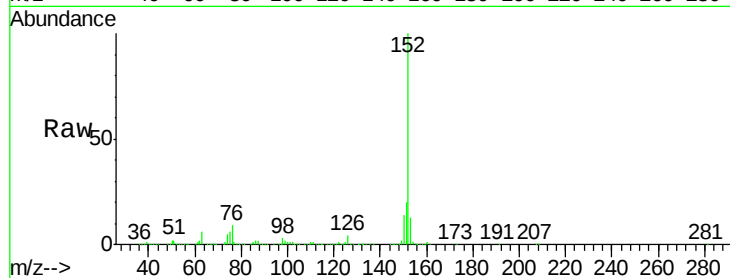
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3002336

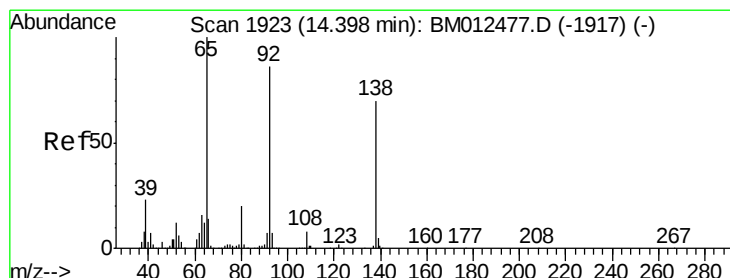
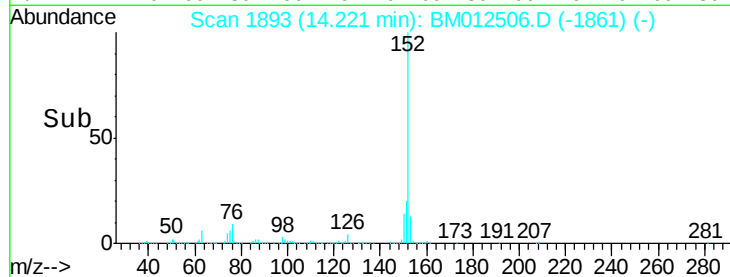
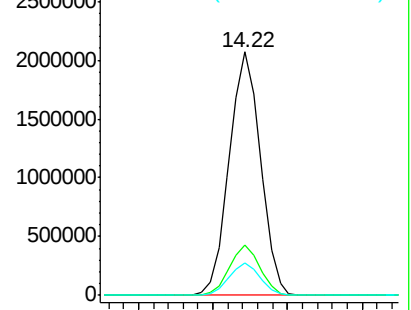
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.4	10.2	15.4



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: 23.00 ng/ul

RT: 14.40 min Scan# 1923

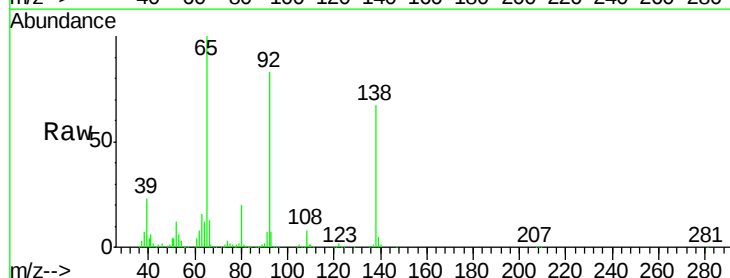
Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:138 Resp: 468286

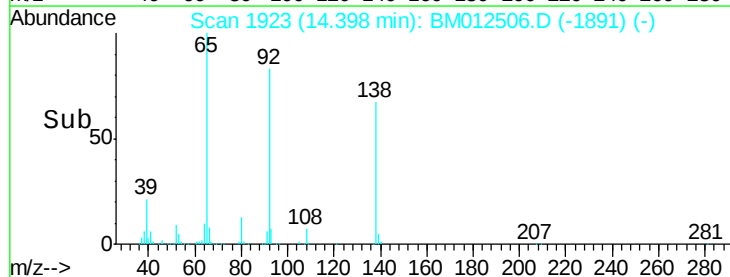
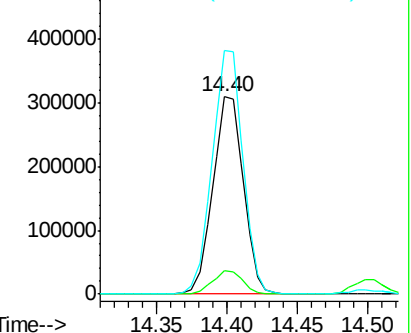
Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.9	14.9
92	123.3	105.0	157.4

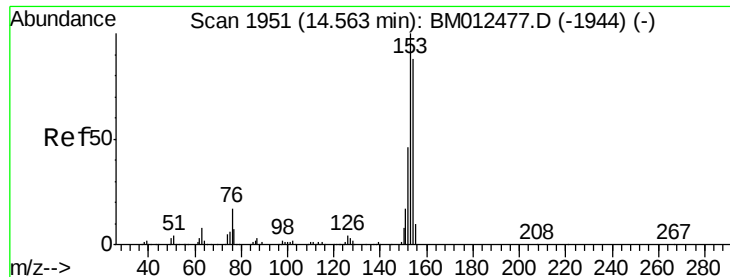


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 18.67 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

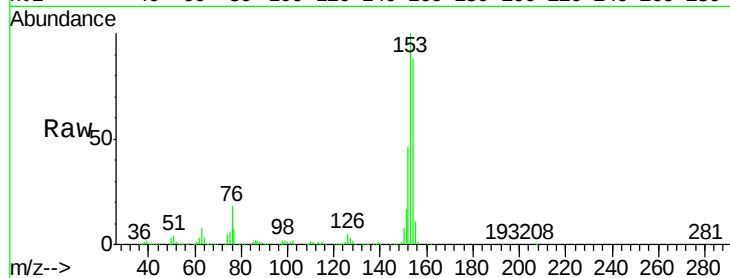
Instrument :

BNA_M

ClientSampleId :

Tot Ion:153 Resp: 1995677

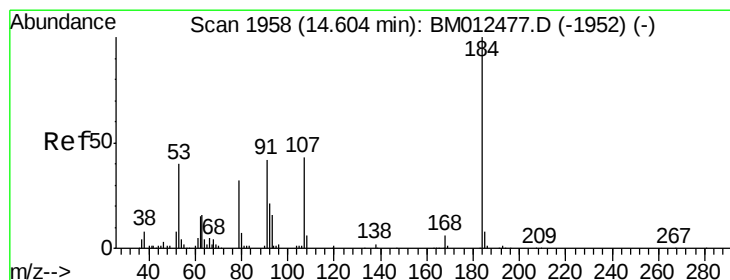
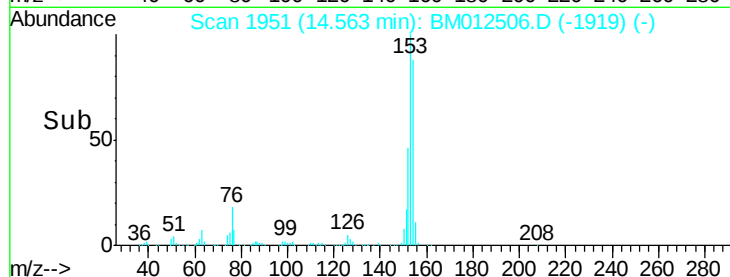
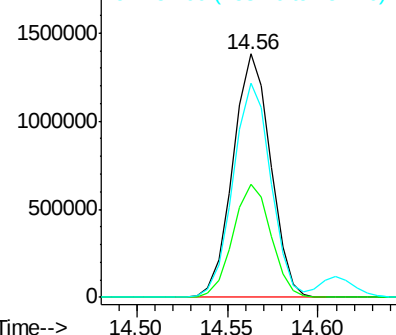
Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	88.1	70.4	105.6



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: 21.88 ng/ul

RT: 14.61 min Scan# 1959

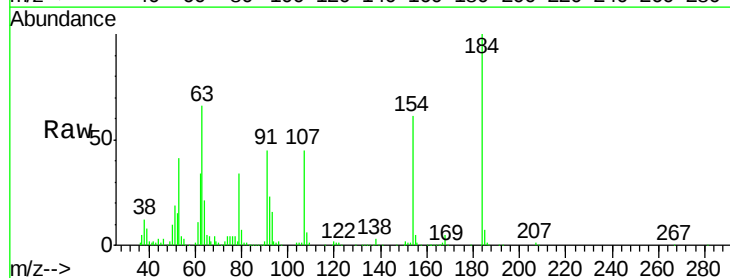
Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:184 Resp: 266924

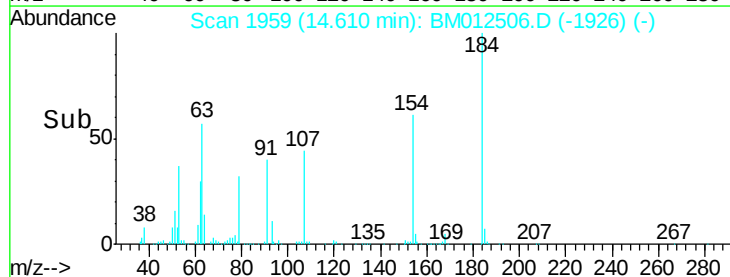
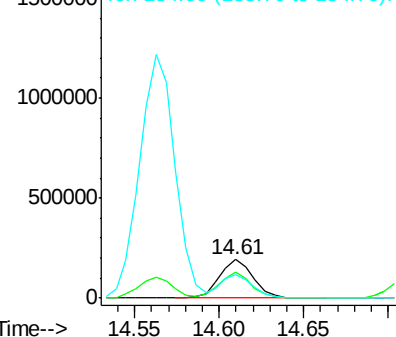
Ion	Ratio	Lower	Upper
184	100		
63	65.9	50.1	75.1
154	60.6	54.5	81.7

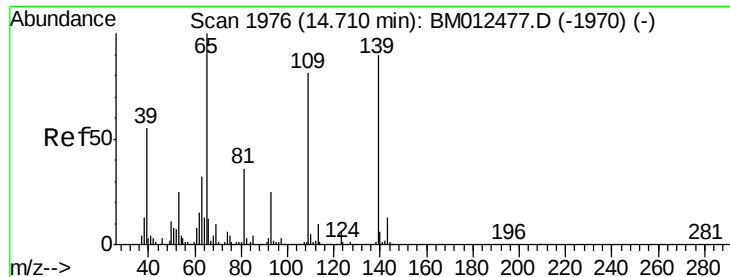


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

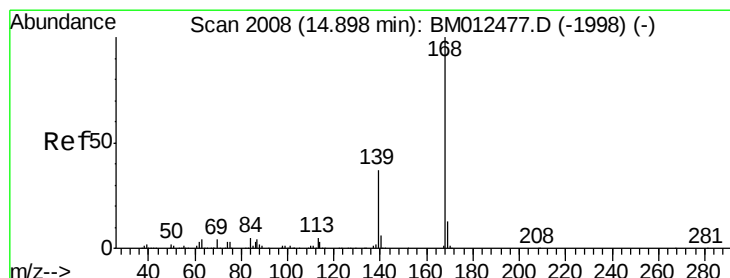
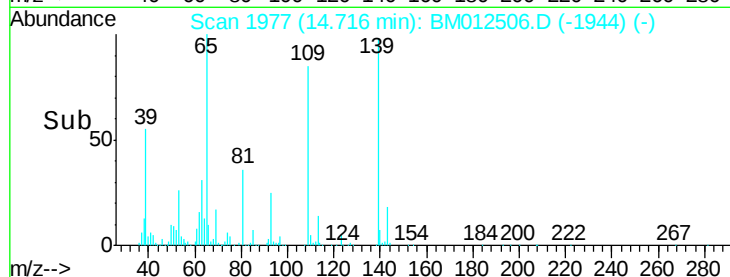
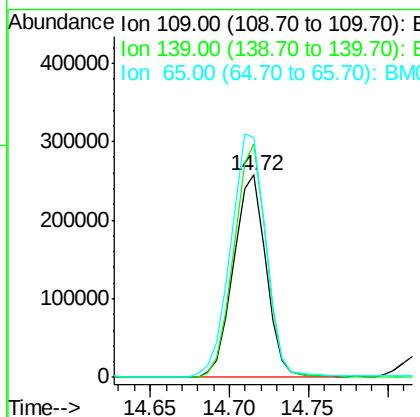
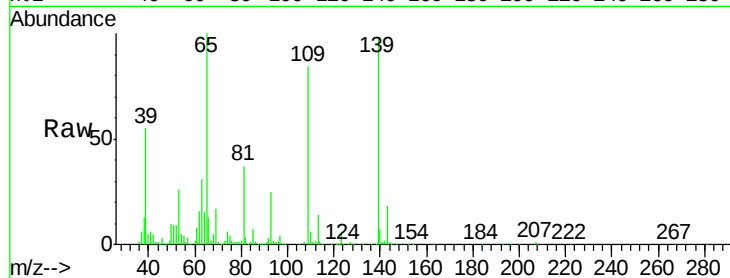




#52
4-Nitrophenol
Concen: 17.66 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

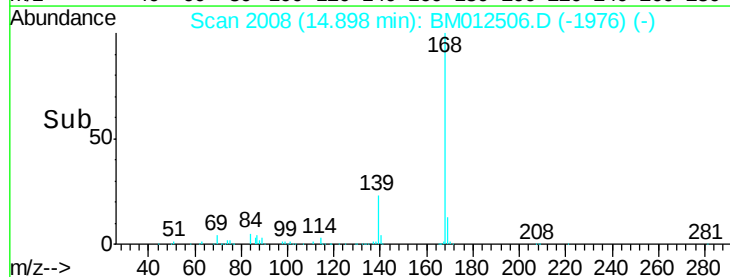
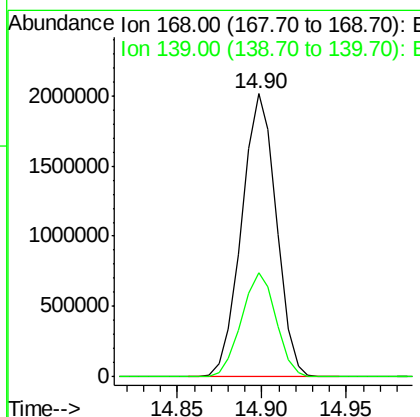
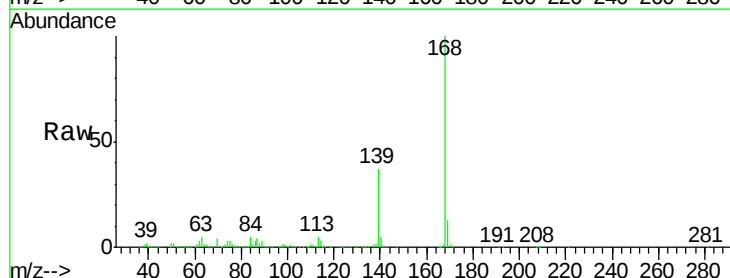
Instrument :
BNA_M
ClientSampleId :

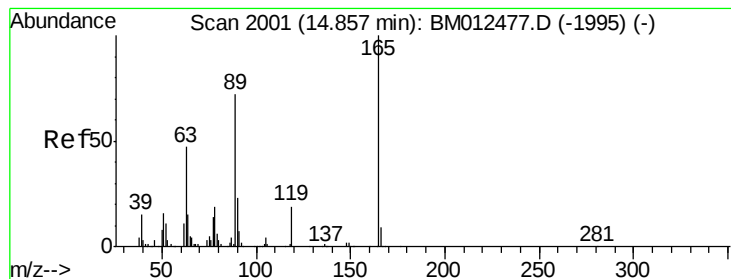
Tot Ion	Ratio	Lower	Upper
109	100		
139	115.6	80.0	120.0
65	118.5	120.0	180.0



#53
Dibenzofuran
Concen: 18.16 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.8	46.2





#54

2,4-Dinitrotoluene

Concen: 21.70 ng/ul

RT: 14.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

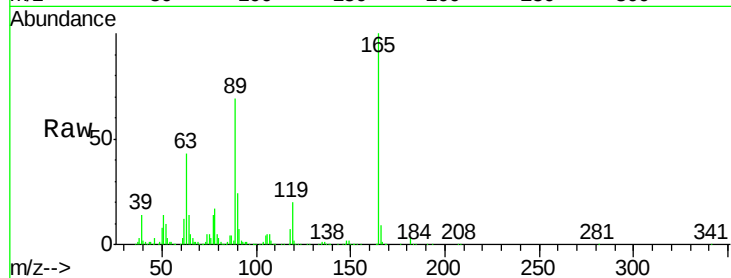
Tot Ion:165 Resp: 706276

Ion Ratio Lower Upper

165 100

63 43.3 45.8 68.8#

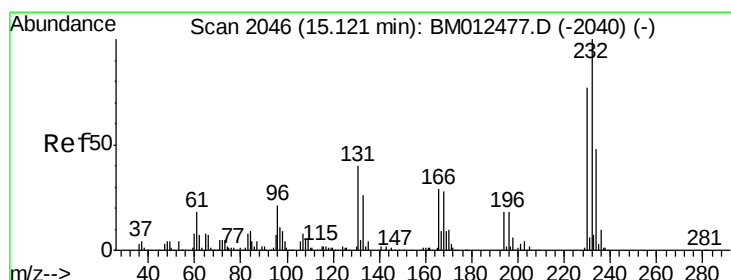
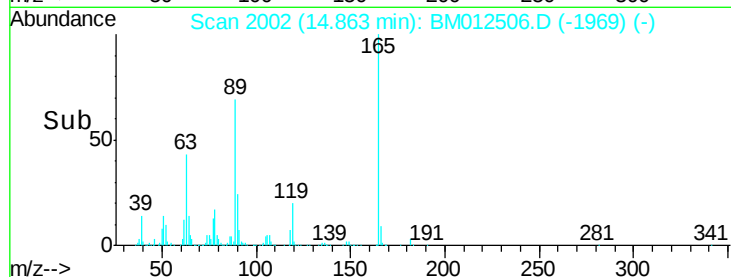
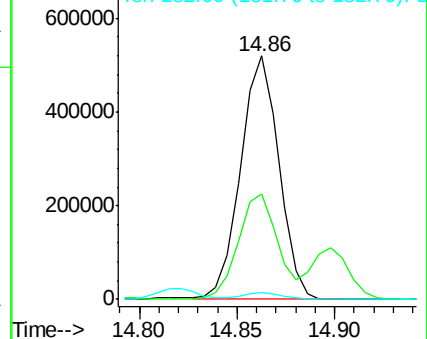
182 3.1 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.86 ng/ul

RT: 15.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:232 Resp: 653760

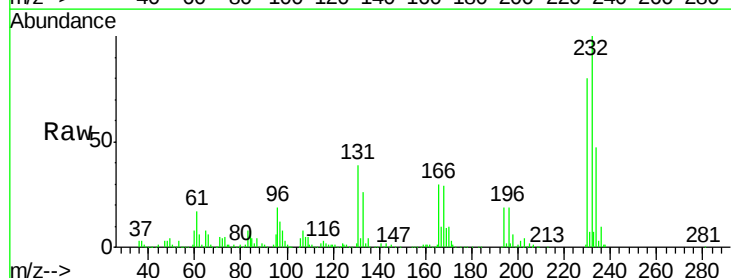
Ion Ratio Lower Upper

232 100

131 38.5 29.0 43.4

130 2.2 2.0 3.0

166 29.9 21.4 32.2

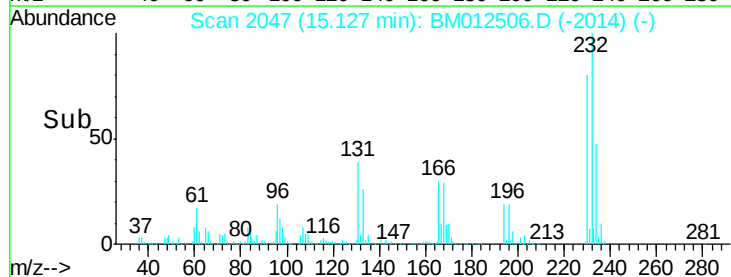
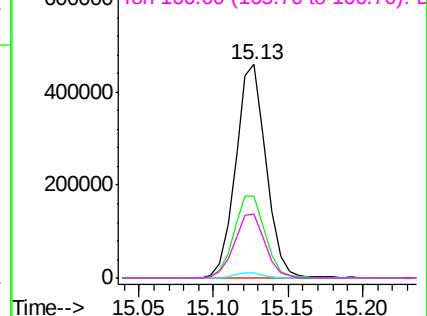


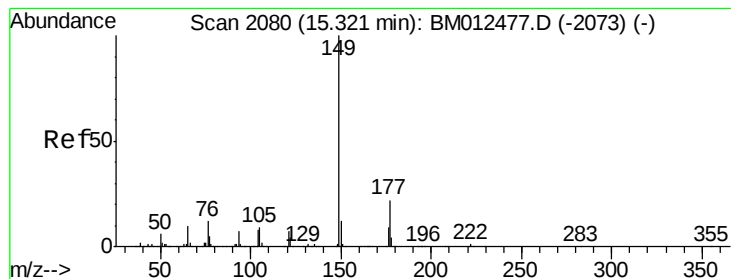
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 16.65 ng/ul

RT: 15.32 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampled :

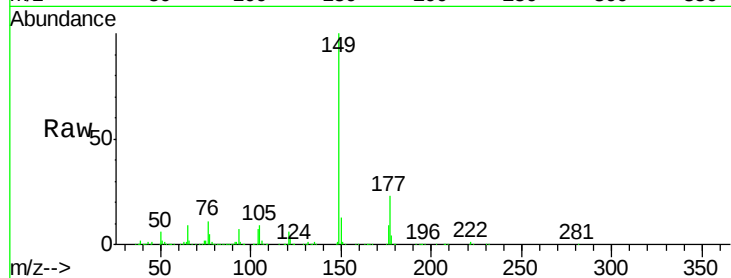
Tot Ion:149 Resp: 2320944

Ion Ratio Lower Upper

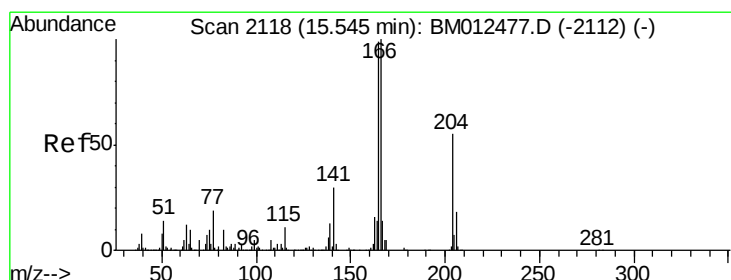
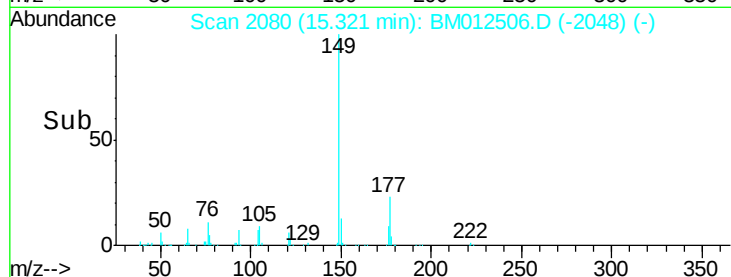
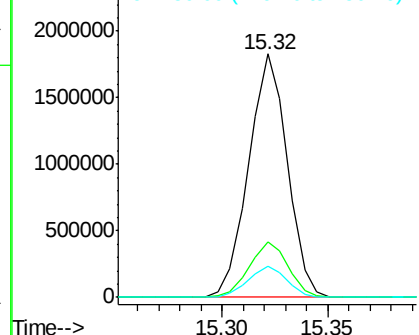
149 100

177 22.6 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: 17.58 ng/ul

RT: 15.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

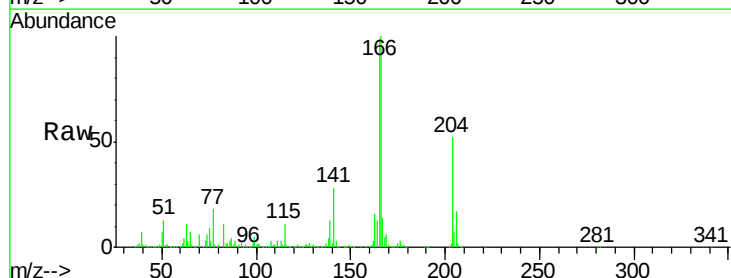
Tgt Ion:166 Resp: 2351832

Ion Ratio Lower Upper

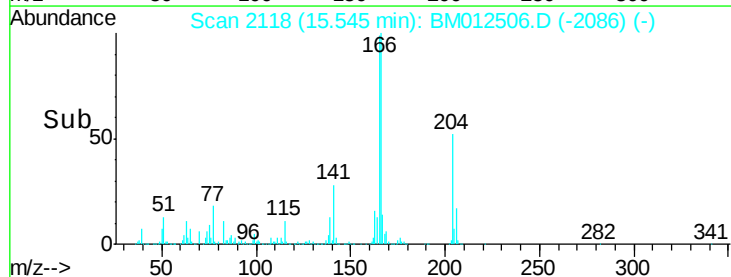
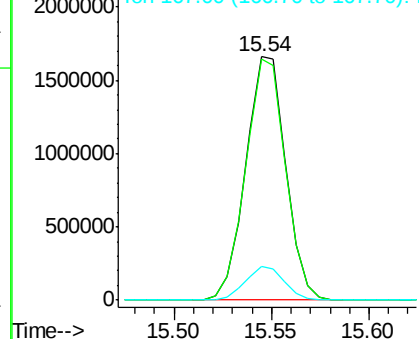
166 100

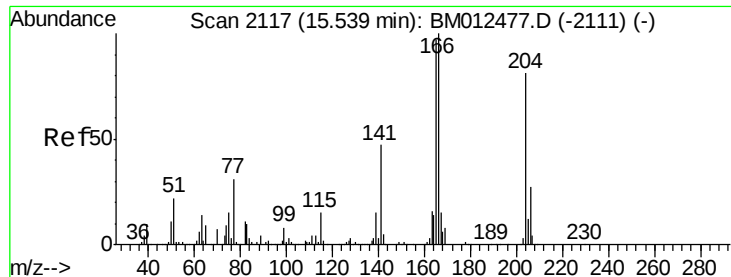
165 99.1 77.9 116.9

167 13.6 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

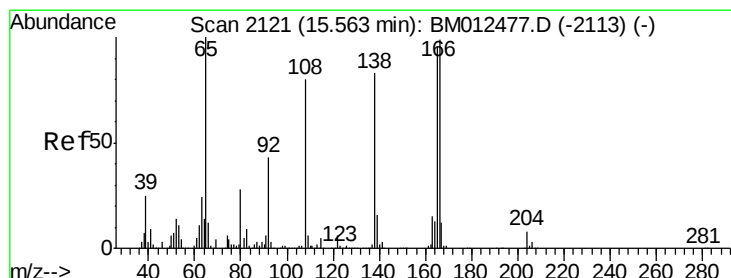
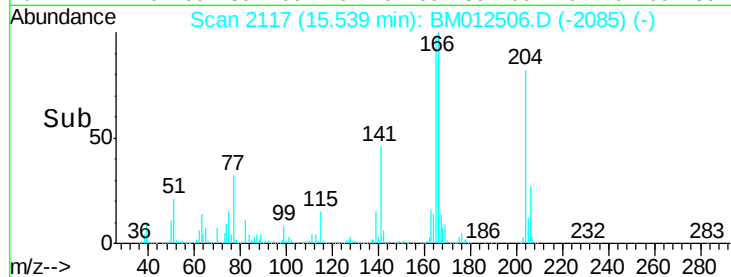
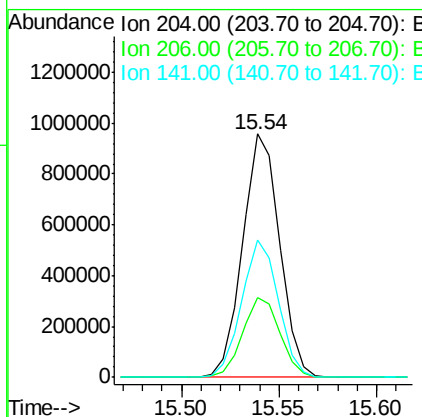
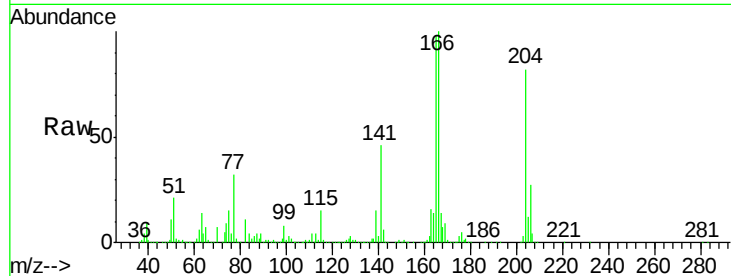




#59
4-Chlorophenyl-phenylether
Concen: 17.28 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

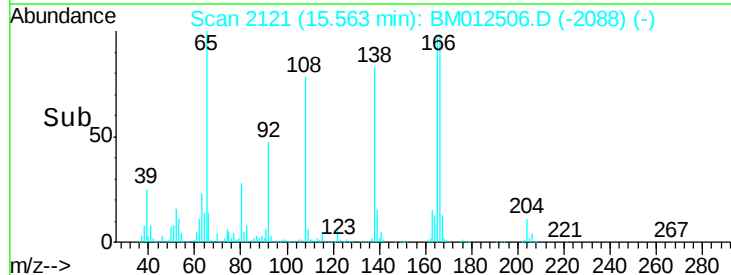
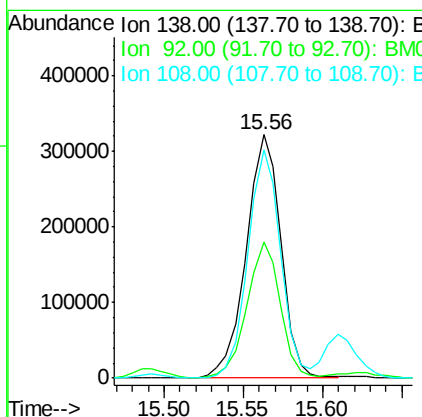
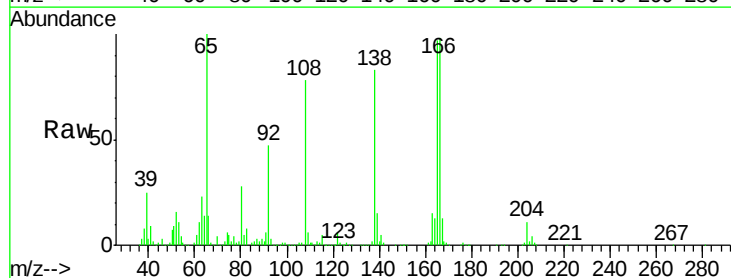
Instrument :
BNA_M
ClientSampleId :

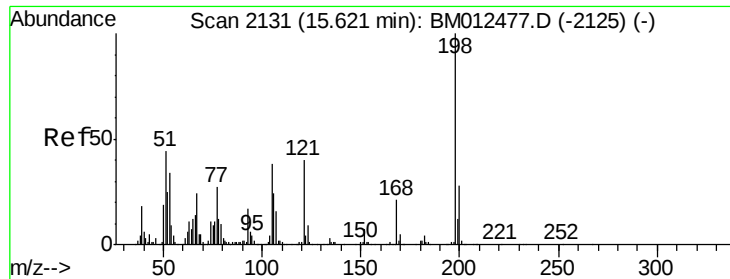
Tot Ion:204 Resp: 1258068
Ion Ratio Lower Upper
204 100
206 32.9 24.8 37.2
141 56.6 44.3 66.5



#60
4-Nitroaniline
Concen: 19.25 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:138 Resp: 491462
Ion Ratio Lower Upper
138 100
92 56.1 40.0 60.0
108 93.6 80.0 120.0

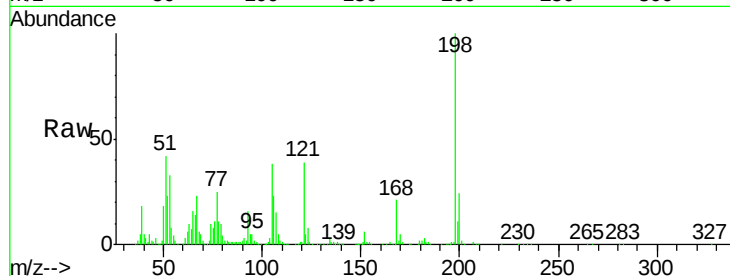




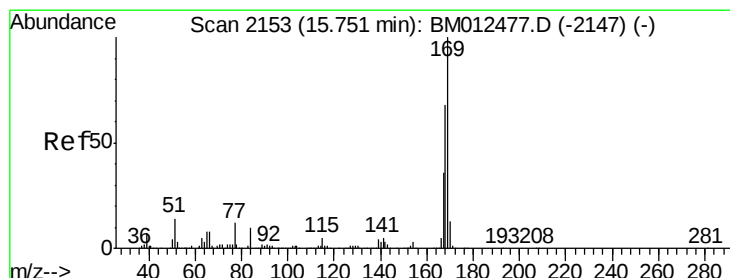
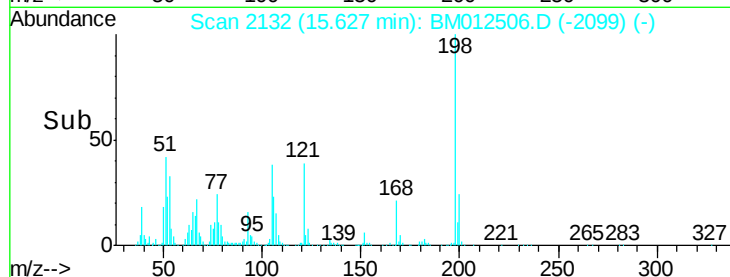
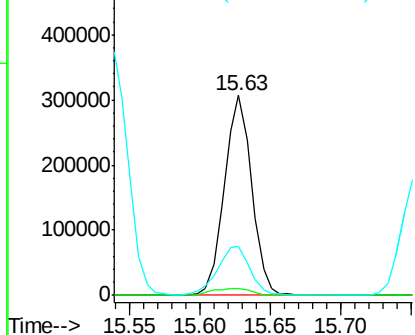
#63
 4,6-Dinitro-2-methylphenol
 Concen: 22.60 ng/ul
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 413332
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.8 5.6#
 77 24.6 25.2 37.8#

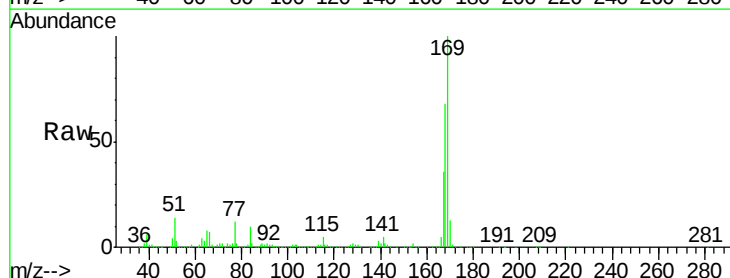


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM0

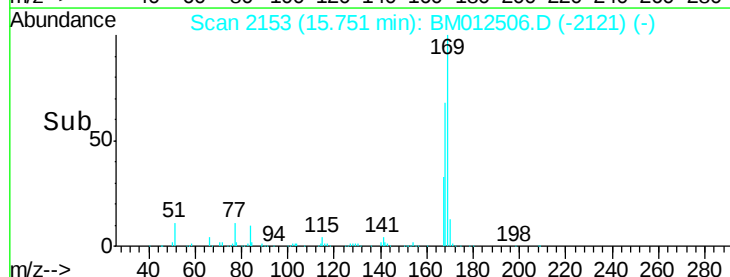
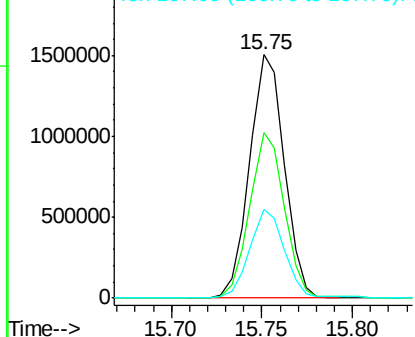


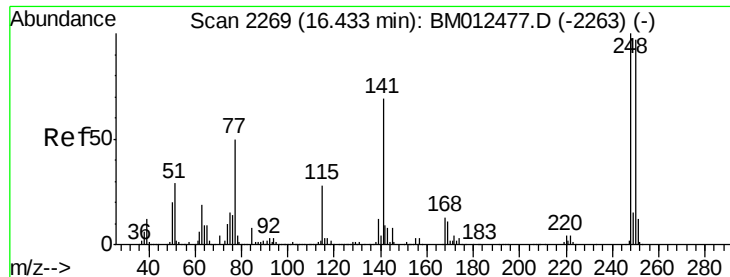
#64
 N-Nitrosodiphenylamine
 Concen: 20.12 ng/ul
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Tgt Ion:169 Resp: 2009394
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.0 81.0
 167 36.2 29.1 43.7



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

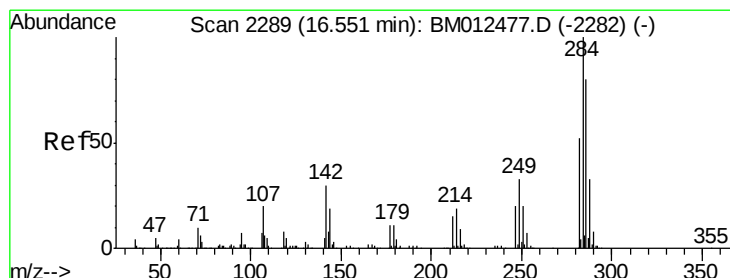
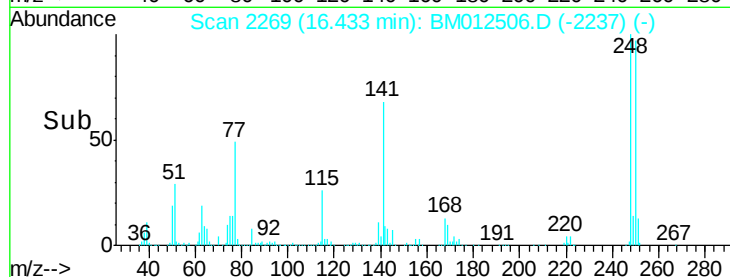
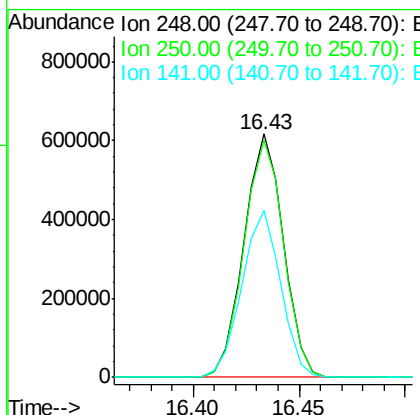
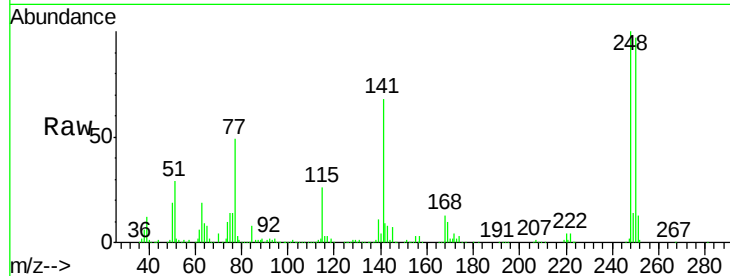




#65
4-Bromophenyl-phenylether
Concen: 19.48 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

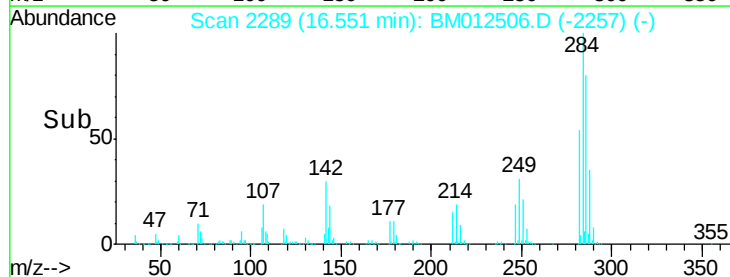
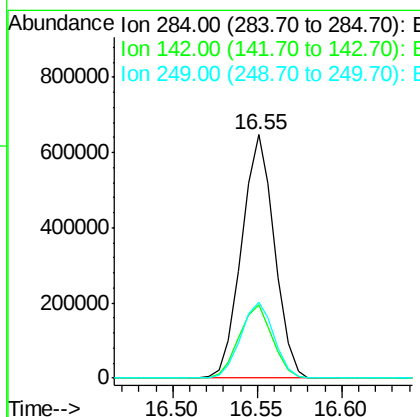
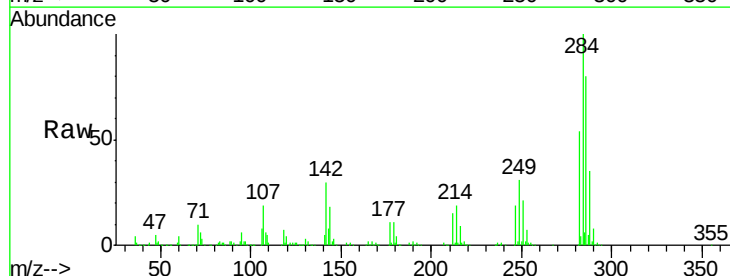
Instrument :
BNA_M
ClientSampleId :

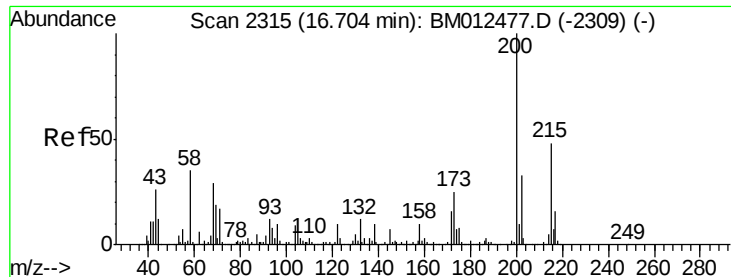
Tot Ion:248 Resp: 801807
Ion Ratio Lower Upper
248 100
250 97.3 80.5 120.7
141 68.5 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.26 ng/ul
RT: 16.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:284 Resp: 876984
Ion Ratio Lower Upper
284 100
142 30.3 21.2 31.8
249 31.5 24.5 36.7

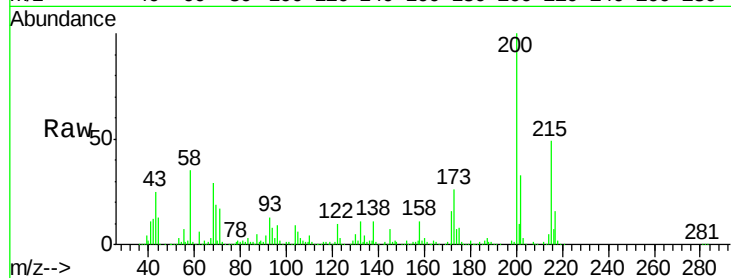




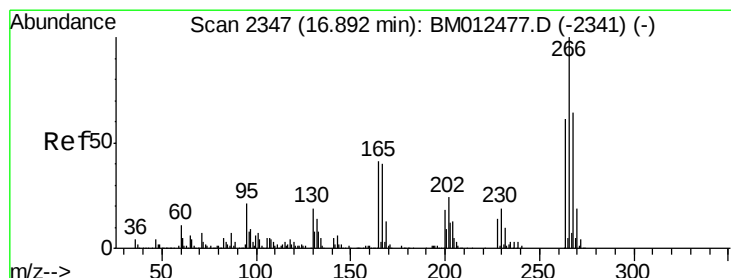
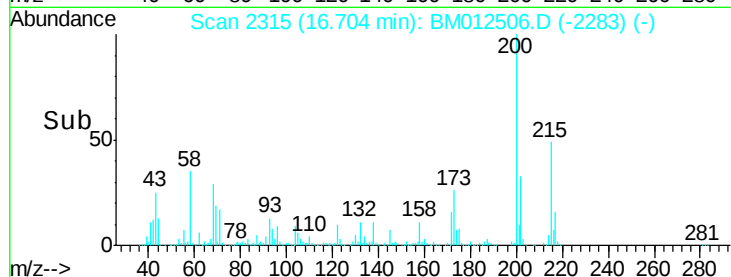
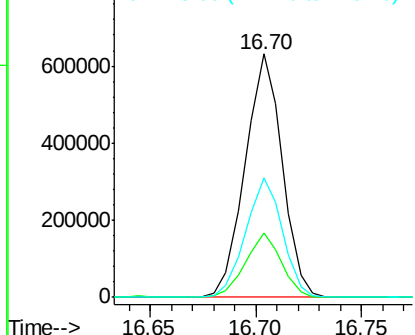
#67
 Atrazine
 Concen: 17.91 ng/ul
 RT: 16.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:200 Resp: 769161
 Ion Ratio Lower Upper
 200 100
 173 26.4 18.2 27.2
 215 49.1 35.0 52.4

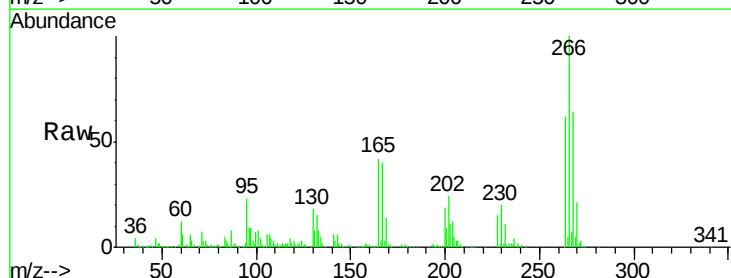


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

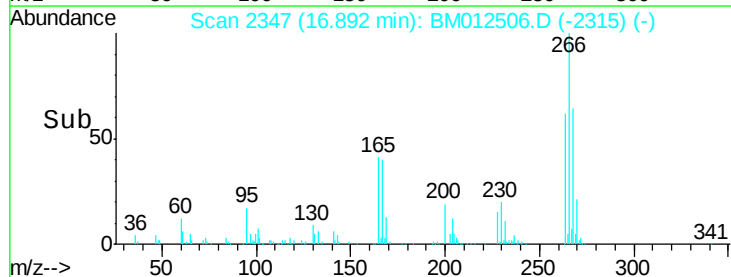
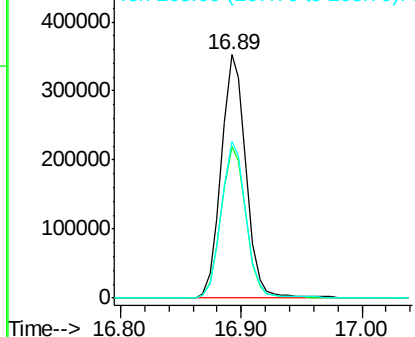


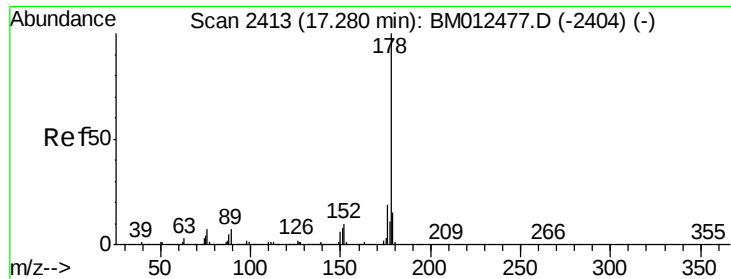
#68
 Pentachlorophenol
 Concen: 20.08 ng/ul
 RT: 16.89 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Tgt Ion:266 Resp: 500069
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.3 73.9
 268 64.1 52.6 78.8



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





#69

Phenanthrene

Concen: 18.85 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

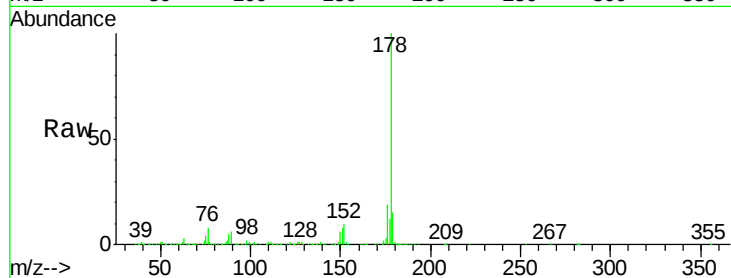
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3503179

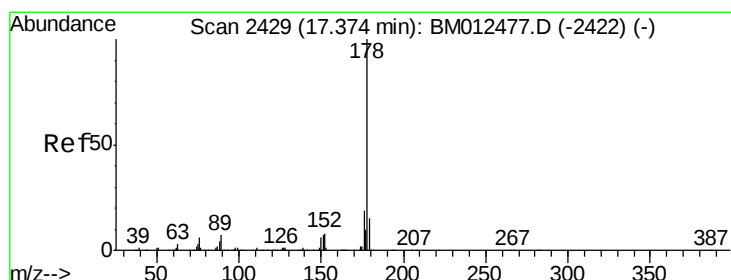
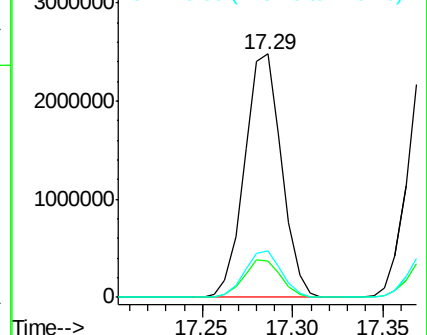
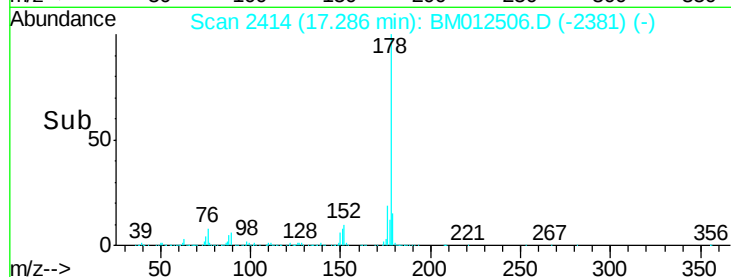
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.3	14.9	22.3



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: 19.07 ng/ul

RT: 17.37 min Scan# 2429

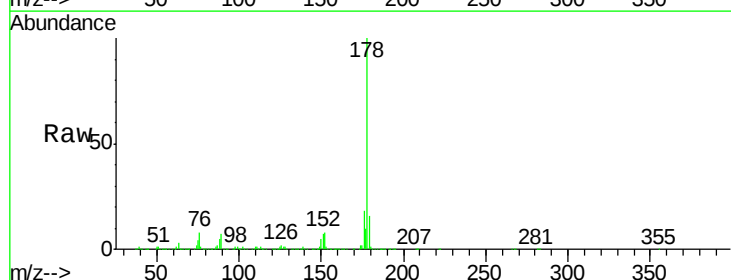
Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:178 Resp: 3662445

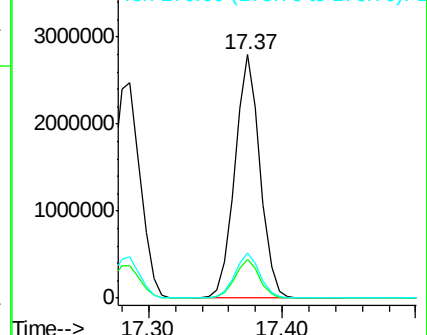
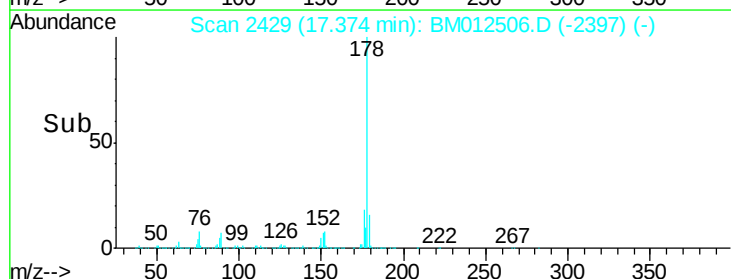
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.5	14.6	21.8

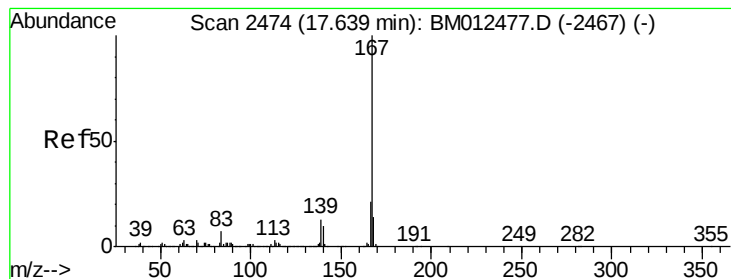


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.05 ng/ul

RT: 17.64 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

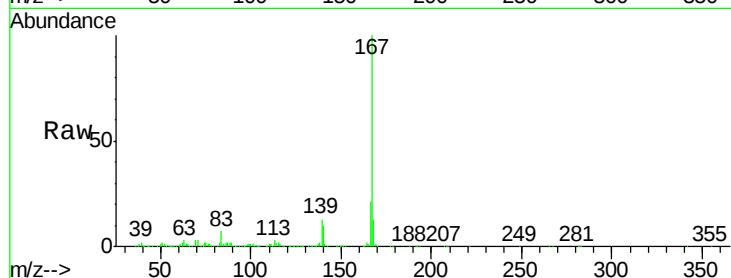
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 3031135

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.7	10.0	15.0

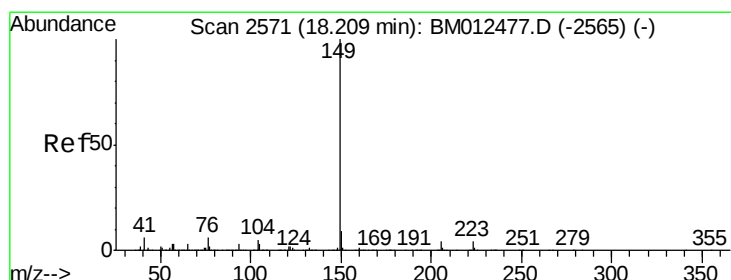
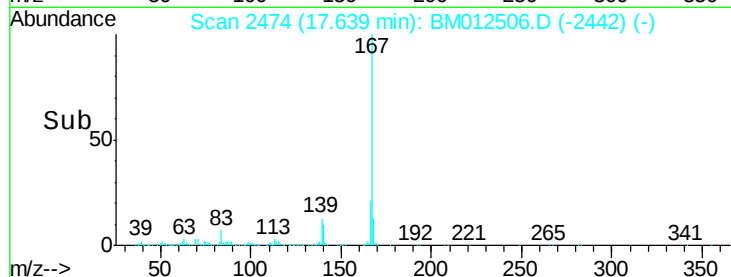
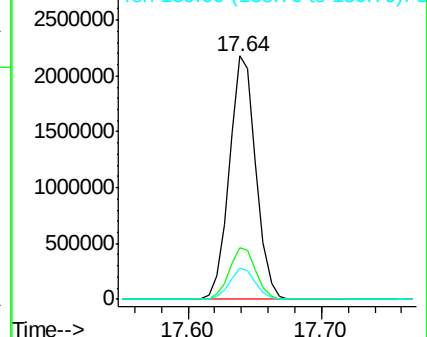


Abundance

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: 18.14 ng/ul

RT: 18.21 min Scan# 2571

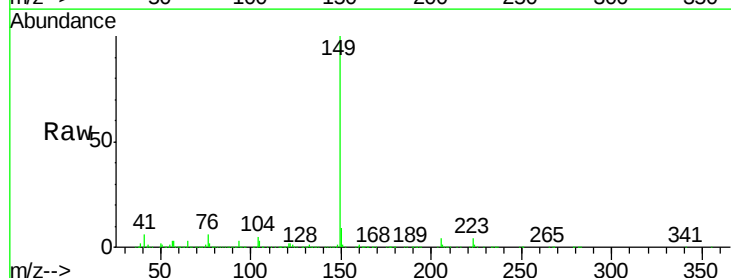
Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Tgt Ion:149 Resp: 3680470

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.5	5.6	8.4

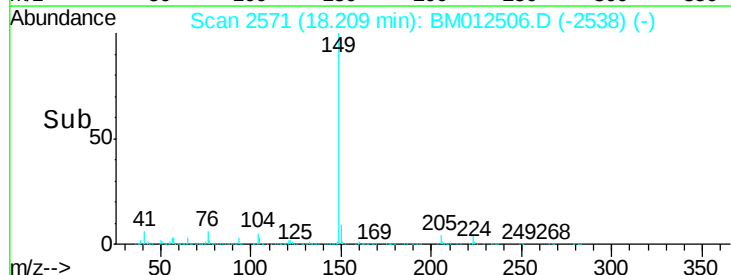
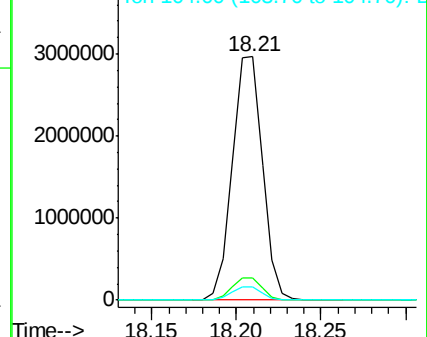


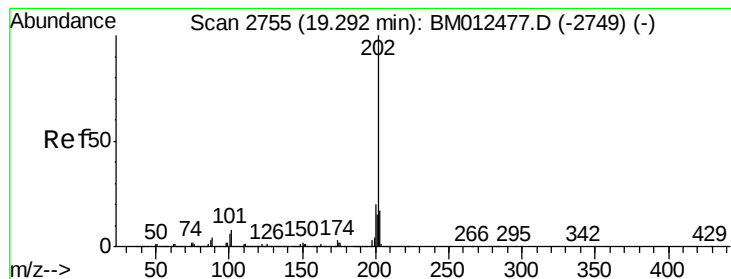
Abundance

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: 18.79 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampleId :

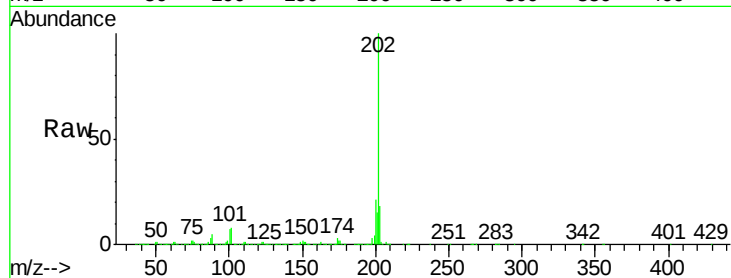
Tot Ion:202 Resp: 3955573

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

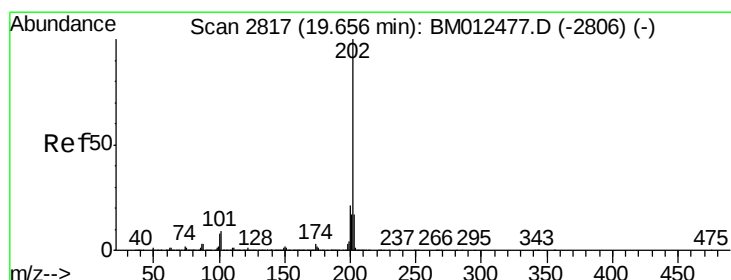
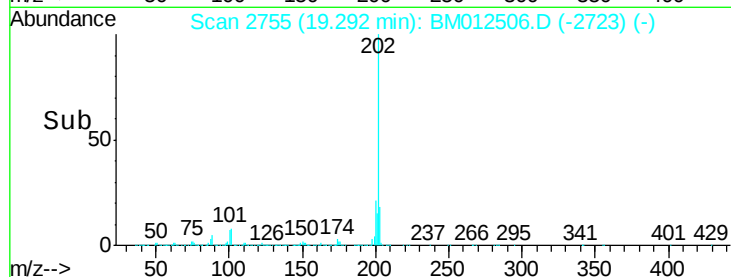
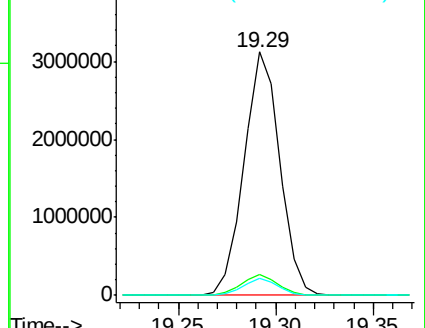
100 7.0 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.91 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

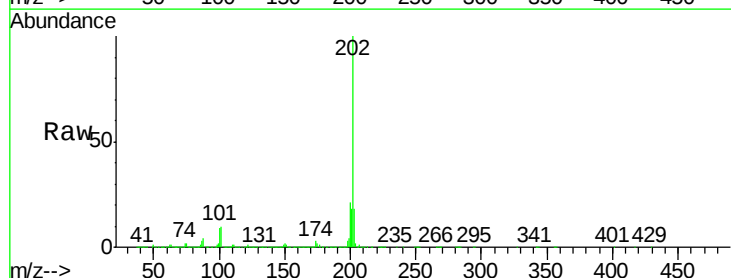
Tgt Ion:202 Resp: 4008947

Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

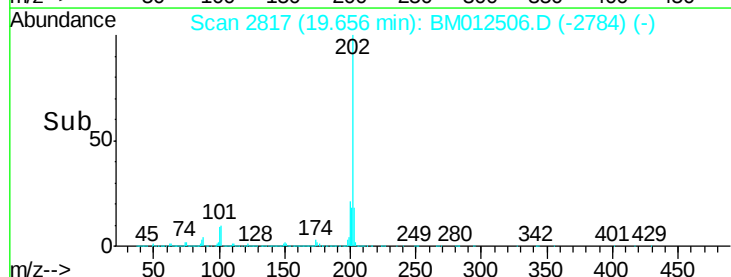
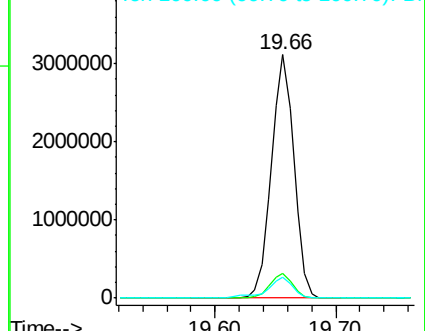
100 8.7 4.9 7.3#

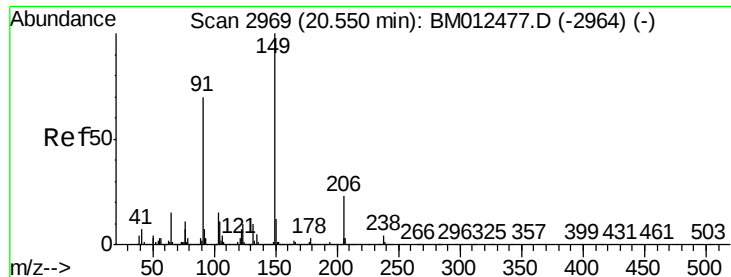


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

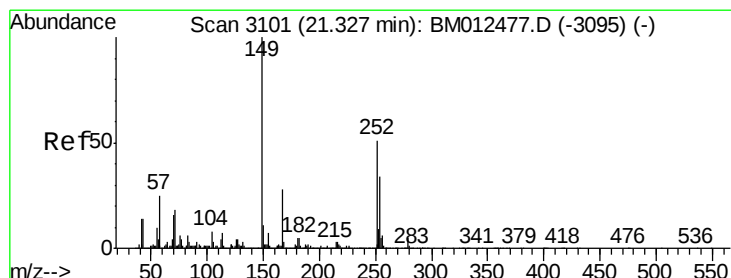
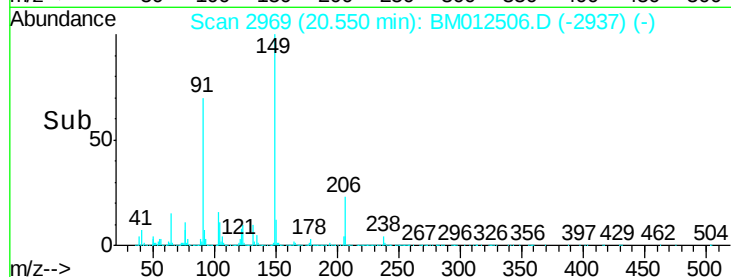
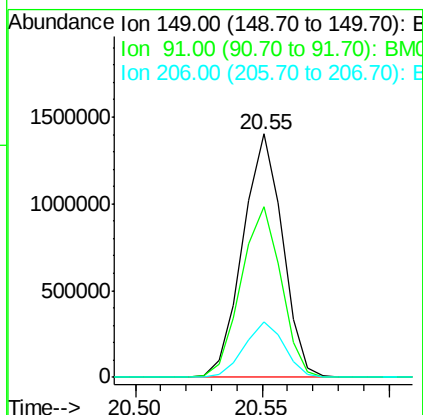
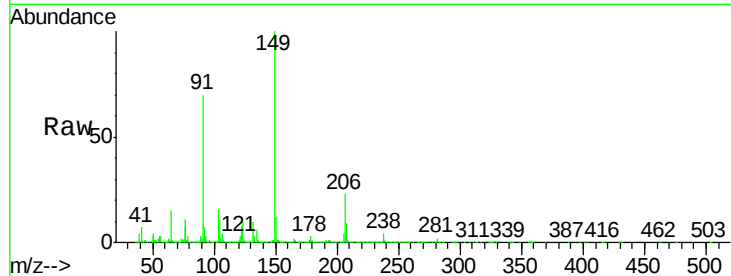




#78
Butylbenzylphthalate
Concen: 21.18 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

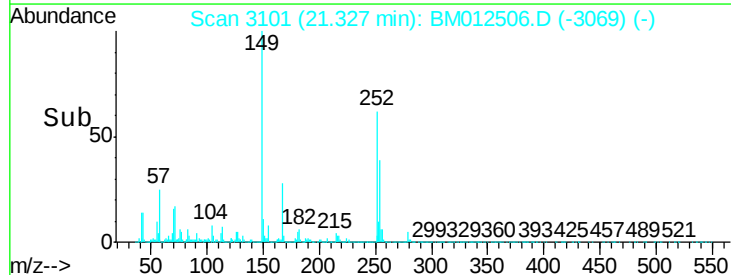
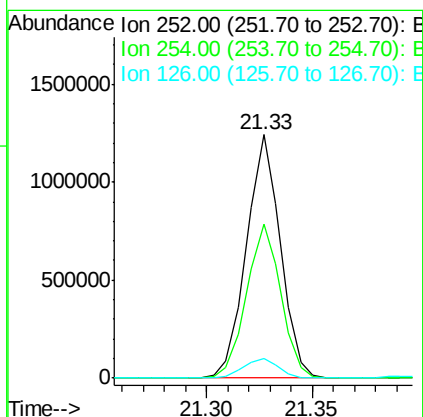
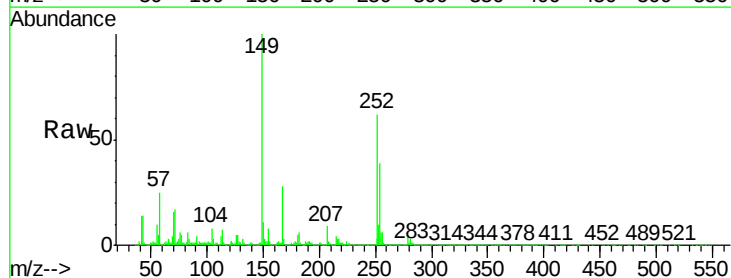
Instrument :
BNA_M
ClientSampleId :

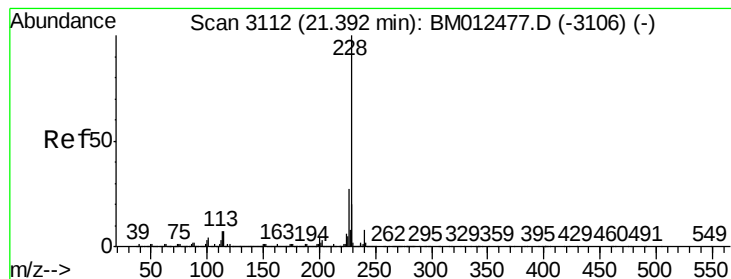
Tot Ion:149 Resp: 1526890
Ion Ratio Lower Upper
149 100
91 70.2 62.7 94.1
206 22.9 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 19.57 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:252 Resp: 1381949
Ion Ratio Lower Upper
252 100
254 63.3 54.5 81.7
126 8.2 5.8 8.8

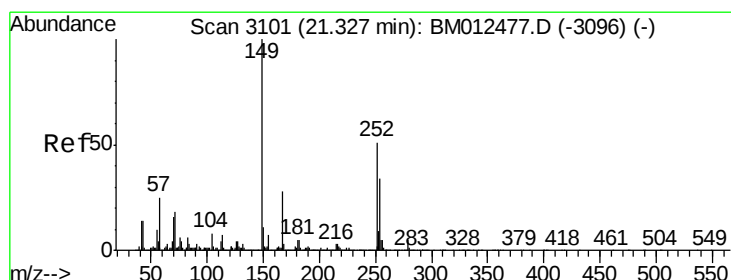
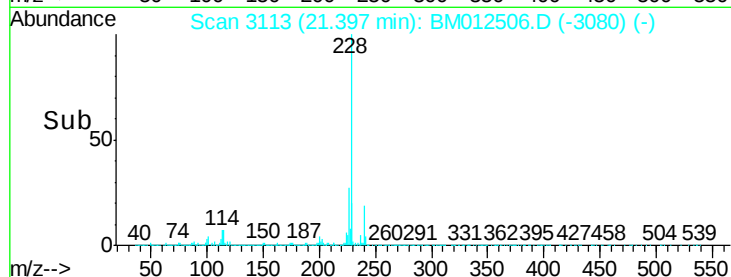
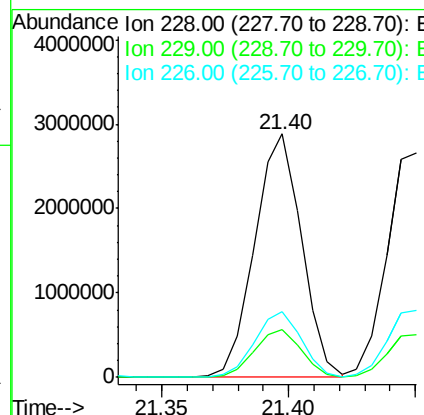
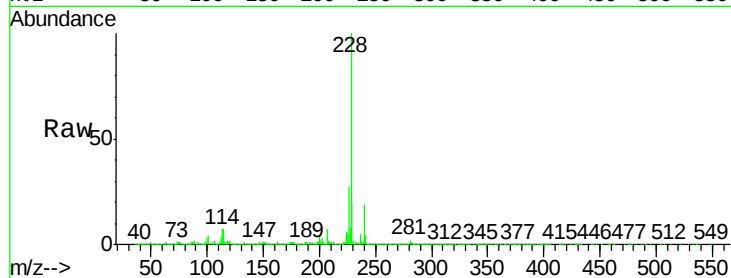




#80
Benzo(a)anthracene
Concen: 19.21 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

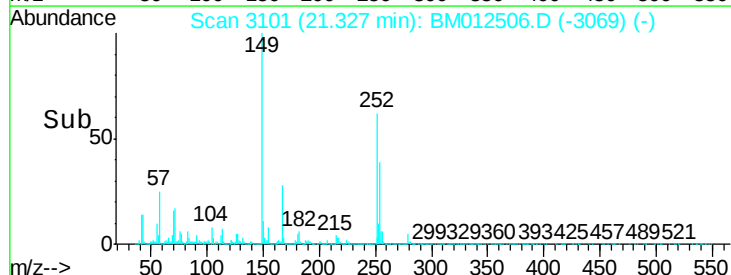
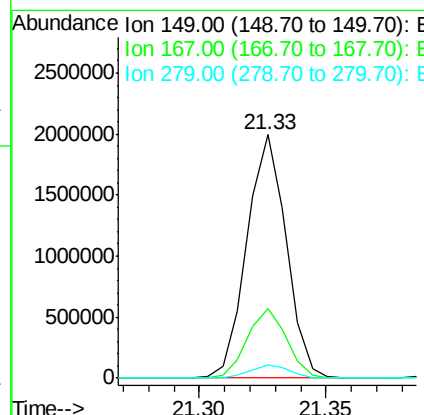
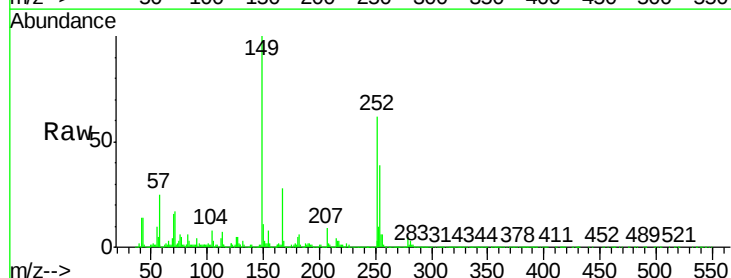
Instrument :
BNA_M
ClientSampleId :

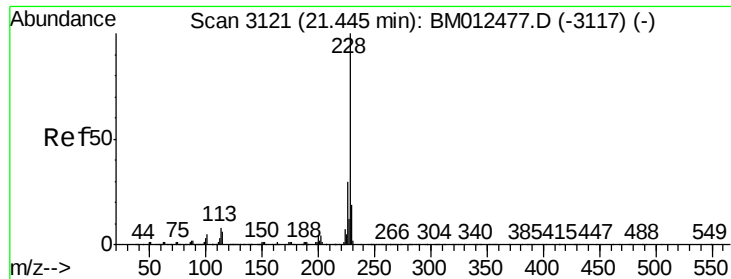
Tot Ion:228 Resp: 3701719
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 27.2 21.4 32.0



#81
Bis(2-ethylhexyl)phthalate
Concen: 19.51 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:149 Resp: 2140502
Ion Ratio Lower Upper
149 100
167 28.3 22.8 34.2
279 5.3 4.9 7.3



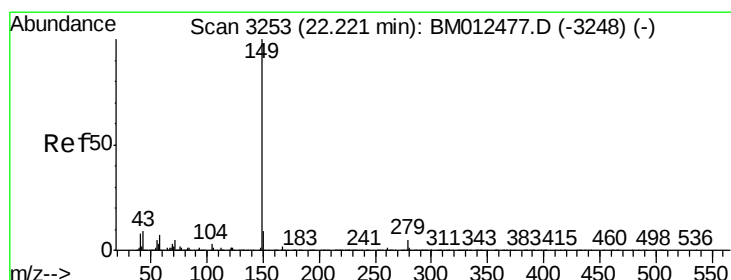
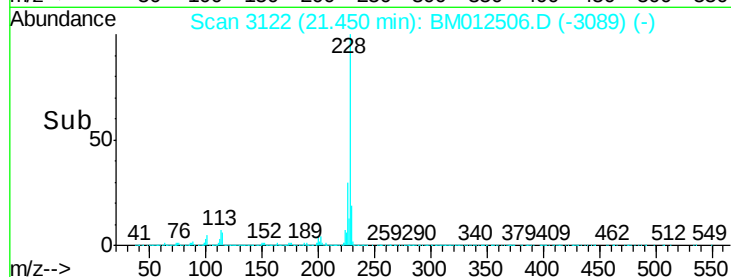
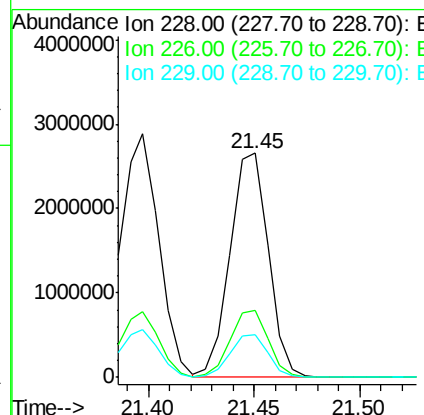
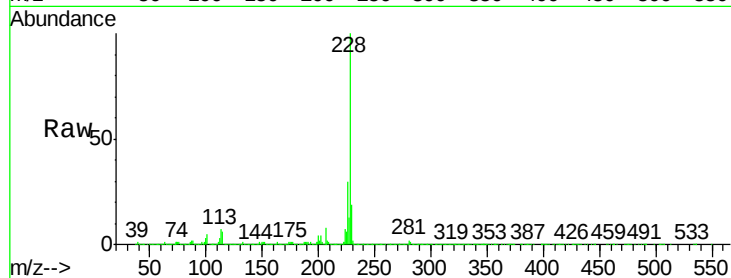


#82
 Chrysene
 Concen: 19.38 ng/ul
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 3319847

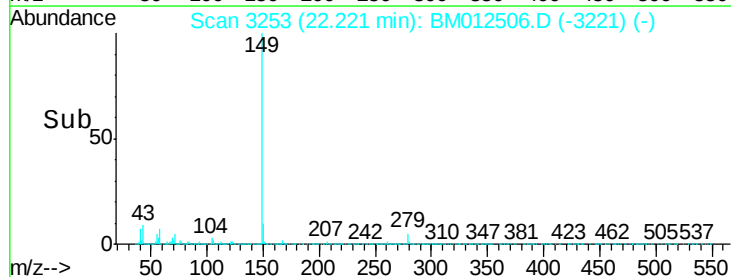
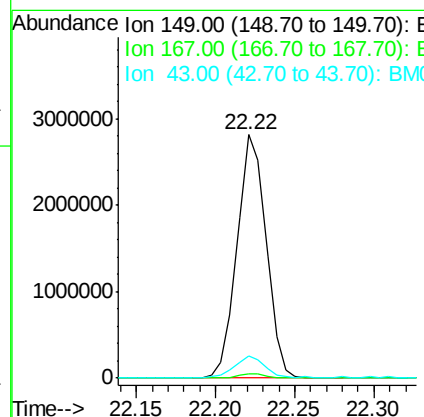
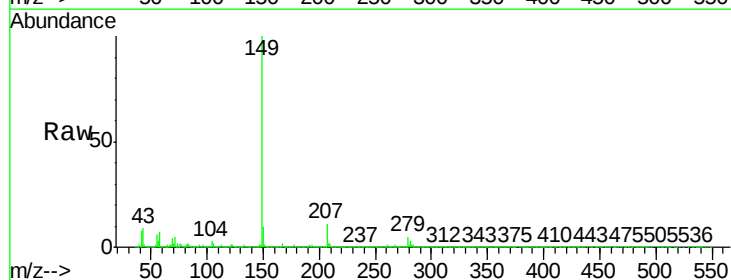
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.3	15.5	23.3

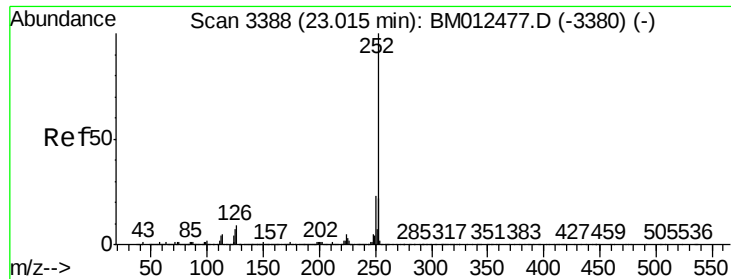


#84
 Di-n-octyl phthalate
 Concen: 21.65 ng/ul
 RT: 22.22 min Scan# 3253
 Delta R.T. -0.01 min
 Lab File: BM012506.D
 Acq: 28 Oct 2017 03:41

Tgt Ion:149 Resp: 3555994

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.3	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 18.87 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampled :

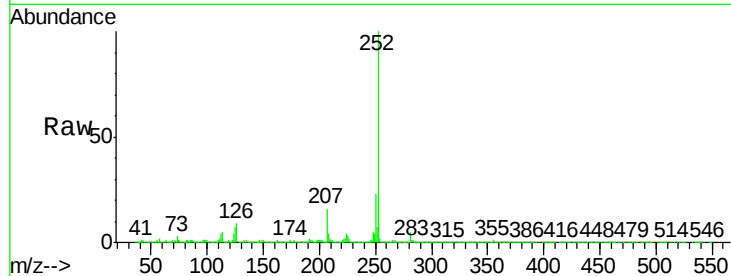
Tot Ion:252 Resp: 3694027

Ion Ratio Lower Upper

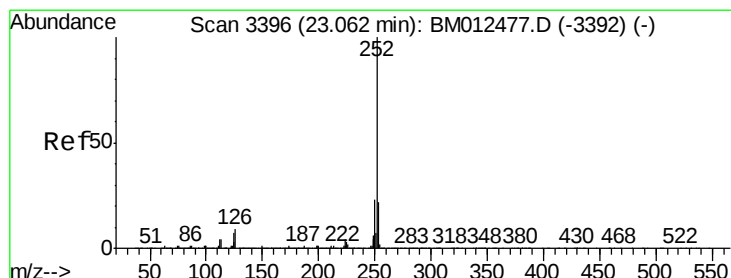
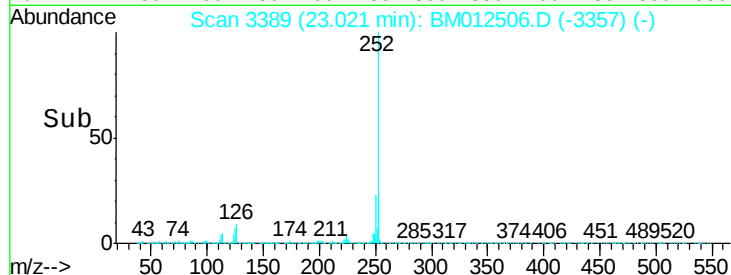
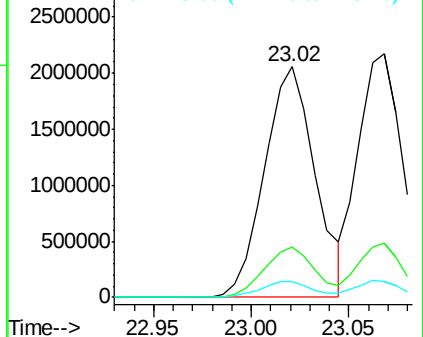
252 100

253 22.0 17.9 26.9

125 6.9 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 18.59 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

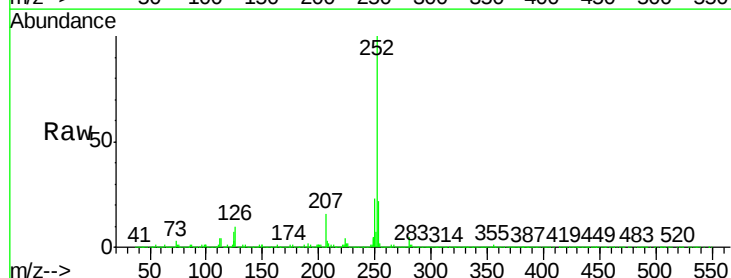
Tgt Ion:252 Resp: 3425918

Ion Ratio Lower Upper

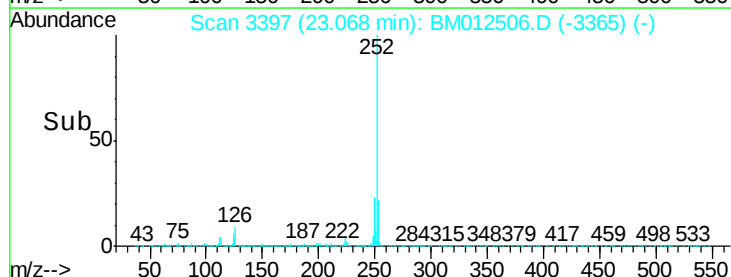
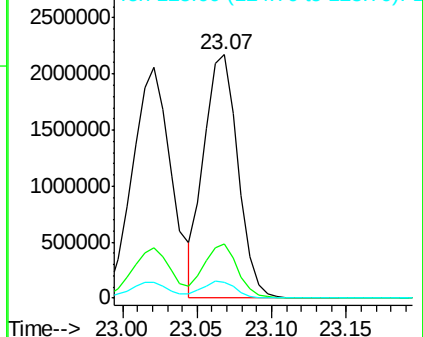
252 100

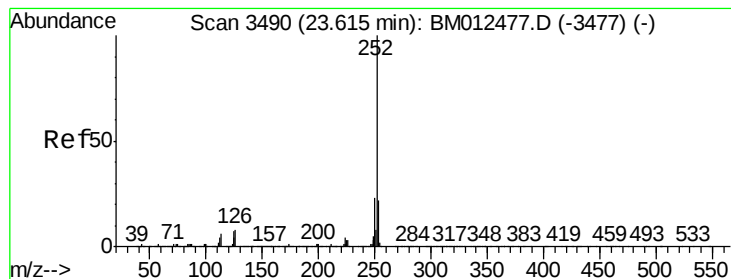
253 22.1 17.1 25.7

125 6.5 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 18.62 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

Instrument :

BNA_M

ClientSampled :

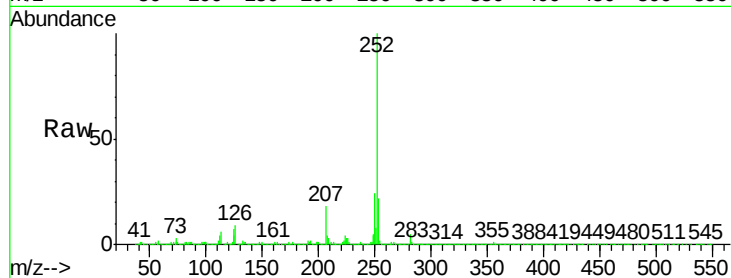
Tot Ion:252 Resp: 3475554

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

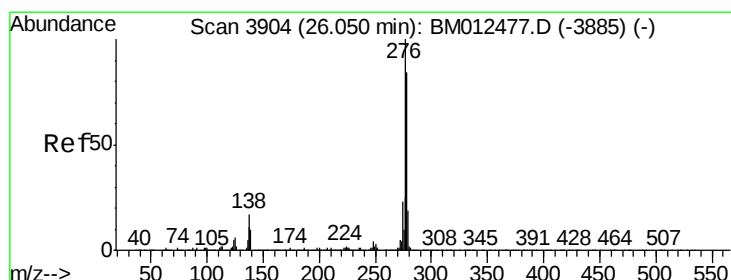
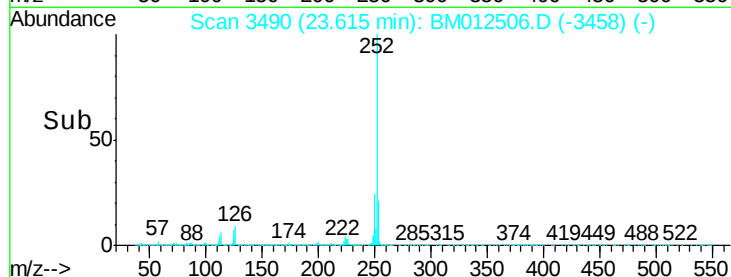
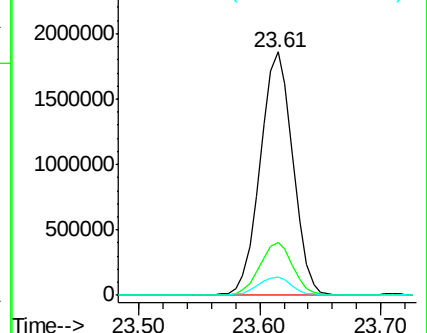
125 7.4 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.79 ng/ul

RT: 26.06 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BM012506.D

Acq: 28 Oct 2017 03:41

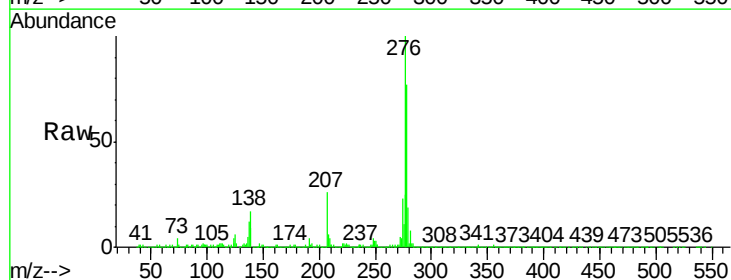
Tgt Ion:276 Resp: 4129088

Ion Ratio Lower Upper

276 100

138 17.4 9.3 13.9#

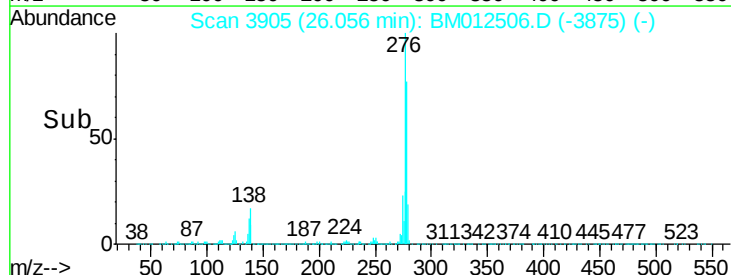
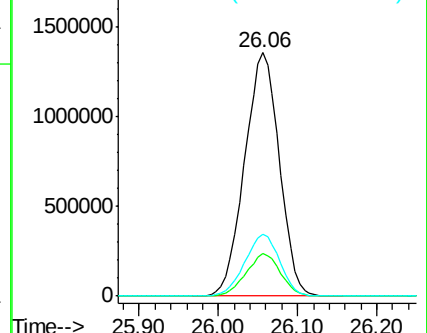
277 25.2 19.9 29.9

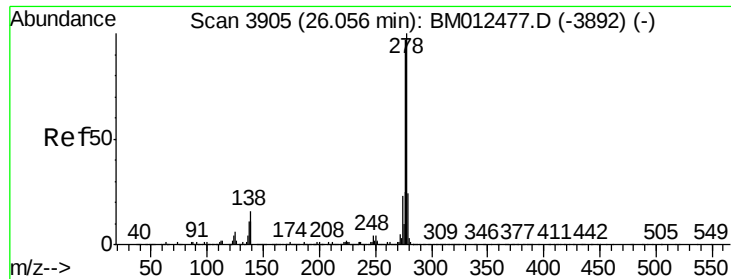


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

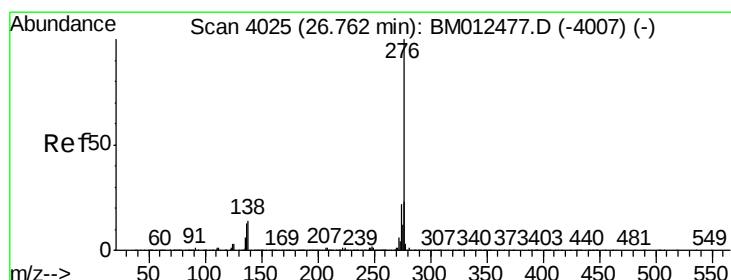
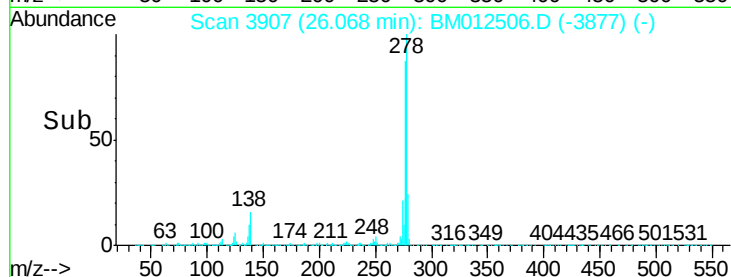
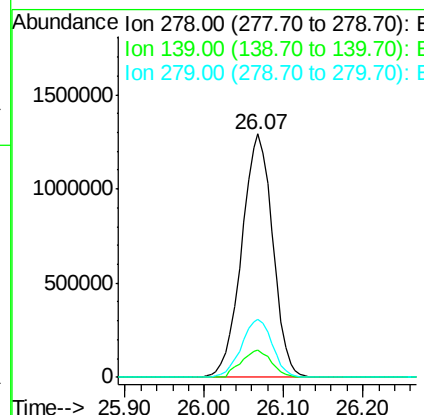
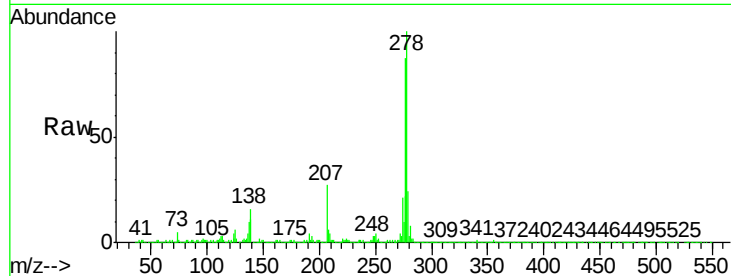




#90
Dibenzo(a,h)anthracene
Concen: 18.76 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 3493738
Ion Ratio Lower Upper
278 100
139 11.3 5.8 8.8#
279 23.8 18.6 27.8



#91
Benzo(g,h,i)perylene
Concen: 19.02 ng/ul
RT: 26.77 min Scan# 4027
Delta R.T. -0.02 min
Lab File: BM012506.D
Acq: 28 Oct 2017 03:41

Tgt Ion:276 Resp: 3387212
Ion Ratio Lower Upper
276 100
138 14.4 8.5 12.7#
277 23.7 18.6 28.0

