

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
 Data File : BM000308.D
 Acq On : 23 Jan 2015 23:07
 Operator : TP/IZ
 Sample : SST02099
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 03:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 24 03:06:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	173617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	792252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	608984	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1322168	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1582080	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1506508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	31039	9.76	ng/uL	0.00
5) Phenol-d5	6.97	99	300580	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	204416	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	215855	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	236380	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	122954	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	110530	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	250658	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	323603	22.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	895691	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1092373	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	144033	19.77	ng/ul	0.00
57) Fluorene-d10	15.44	176	799670	20.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	135353	19.91	ng/ul	0.00
70) Anthracene-d10	17.29	188	1286549	20.72	ng/ul	0.00
76) Pyrene-d10	19.59	212	1437460	19.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1405393	20.43	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	41524	9.46	ng/uL 100
4) Benzaldehyde	6.96	77	248771	25.56	ng/ul 100
6) Phenol	7.00	94	316212	20.00	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.24	93	253987	20.82	ng/ul 100
10) 2-Chlorophenol	7.38	128	222317	19.71	ng/ul 100
11) 2-Methylphenol	8.25	108	233514	19.27	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	468957	23.20	ng/ul 100
14) Acetophenone	8.63	105	460751	22.02	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.62	70	242879	22.14	ng/ul 100
16) 4-Methylphenol	8.58	108	262367	19.90	ng/ul 100
17) Hexachloroethane	8.89	117	117947	22.11	ng/ul 100
20) Nitrobenzene	9.01	77	398178	23.23	ng/ul 100
21) Isophorone	9.53	82	688226	21.33	ng/ul 100
23) 2-Nitrophenol	9.72	139	128341	20.64	ng/ul 100
24) 2,4-Dimethylphenol	9.77	107	347850	20.51	ng/ul 100
25) Bis(2-Chloroethoxy)methane	10.02	93	364245	20.49	ng/ul 100
27) 2,4-Dichlorophenol	10.25	162	250639	20.19	ng/ul 100
28) Naphthalene	10.66	128	819525	20.09	ng/ul 100
30) 4-Chloroaniline	10.76	127	342691	23.33	ng/ul 100
31) Hexachlorobutadiene	10.94	225	194095	21.58	ng/ul 100
32) Caprolactam	11.52	113	44758	11.05	ng/ul 100
33) 4-Chloro-3-methylphenol	11.89	107	317225	20.65	ng/ul 100
34) 2-Methylnaphthalene	12.27	142	636868	20.89	ng/ul 100

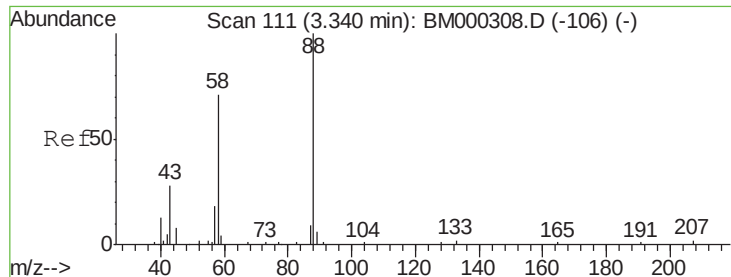
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	356672	20.75	ng/ul	100
37) Hexachlorocyclopentadiene	12.62	237	227667	19.97	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	209602	19.46	ng/ul	100
39) 2,4,5-Trichlorophenol	12.95	196	231327	19.79	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	891515	20.17	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	680494	20.04	ng/ul	100
42) 2-Nitroaniline	13.53	65	238279	21.39	ng/ul	100
44) Dimethylphthalate	13.90	163	904345	20.06	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	172375	21.23	ng/ul	100
47) Acenaphthylene	14.17	152	1151521	20.18	ng/ul	100
48) 3-Nitroaniline	14.36	138	175369	21.34	ng/ul	100
49) Acenaphthene	14.52	153	744375	20.36	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	84017	19.90	ng/ul	100
52) 4-Nitrophenol	14.66	109	237155	23.30	ng/ul	100
53) Dibenzofuran	14.85	168	1103026	20.74	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	269755	21.95	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	197729	19.75	ng/ul	100
56) Diethylphthalate	15.27	149	977338	20.56	ng/ul	100
58) Fluorene	15.50	166	909431	20.65	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	458139	20.95	ng/ul	100
60) 4-Nitroaniline	15.52	138	196170	20.97	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.58	198	140253	20.19	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	762358	19.76	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	289261	20.96	ng/ul	100
66) Hexachlorobenzene	16.50	284	339194	21.27	ng/ul	100
67) Atrazine	16.66	200	279390	18.66	ng/ul	100
68) Pentachlorophenol	16.84	266	165393	17.62	ng/ul	100
69) Phenanthrene	17.24	178	1511247	20.82	ng/ul	100
71) Anthracene	17.33	178	1541754	20.64	ng/ul	100
72) Carbazole	17.60	167	1346775	20.21	ng/ul	100
73) Di-n-butylphthalate	18.16	149	1536734	19.57	ng/ul	100
74) Fluoranthene	19.25	202	1808945	21.67	ng/ul	100
77) Pyrene	19.62	202	1910874	19.90	ng/ul	100
78) Butylbenzylphthalate	20.52	149	555529	15.14	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.30	252	483020	17.44	ng/ul	100
80) Benzo(a)anthracene	21.37	228	1877268	20.23	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	881809	16.37	ng/ul	100
82) Chrysene	21.42	228	1765961	20.72	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	1583731	15.88	ng/ul	100
85) Benzo(b)fluoranthene	22.98	252	1823613	19.18	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	1842355	21.75	ng/ul	100
88) Benzo(a)pyrene	23.57	252	1752004	20.57	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	1890857	20.95	ng/ul	100
90) Dibenzo(a,h)anthracene	26.00	278	1582835	20.88	ng/ul	100
91) Benzo(g,h,i)perylene	26.70	276	1545968	20.84	ng/ul	100

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



#2

1,4-Dioxane

Concen: 9.46 ng/uL

RT: 3.34 min Scan# 111

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

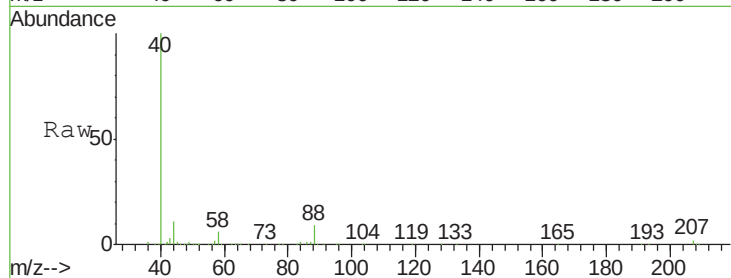
Tot Ion: 88 Resp: 41524

Ion Ratio Lower Upper

88 100

43 28.1 22.4 33.6

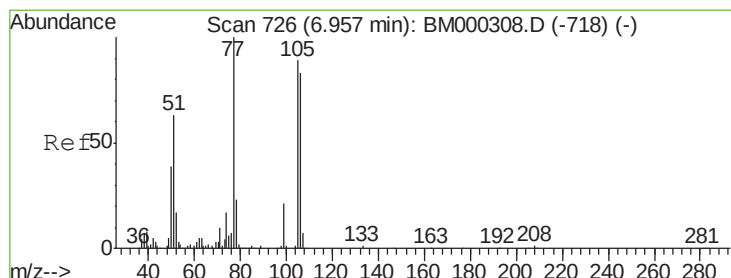
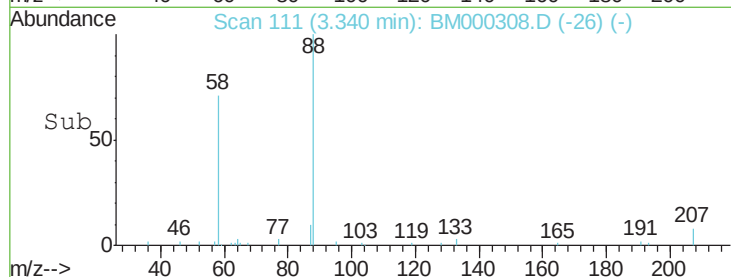
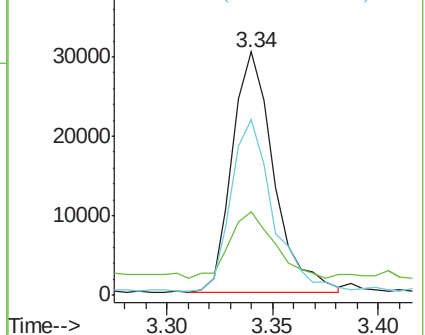
58 71.5 57.4 86.2



Abundance Ion 88.00 (87.70 to 88.70): BM000308.D (-106) (-)

Ion 43.00 (42.70 to 43.70): BM000308.D (-106) (-)

Ion 58.00 (57.70 to 58.70): BM000308.D (-106) (-)



#4

Benzaldehyde

Concen: 25.56 ng/uL

RT: 6.96 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

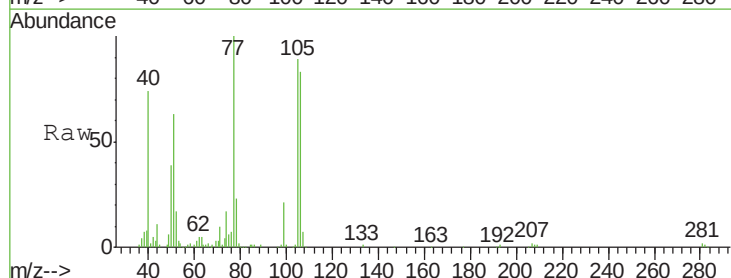
Tgt Ion: 77 Resp: 248771

Ion Ratio Lower Upper

77 100

105 88.7 71.0 106.4

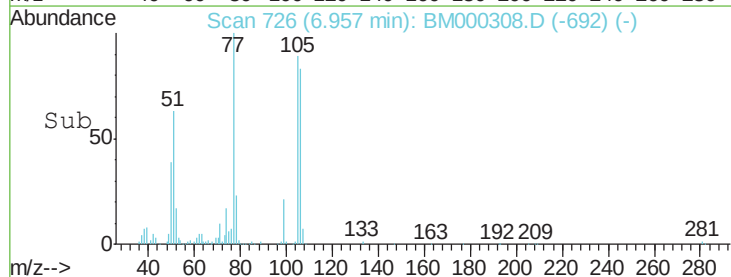
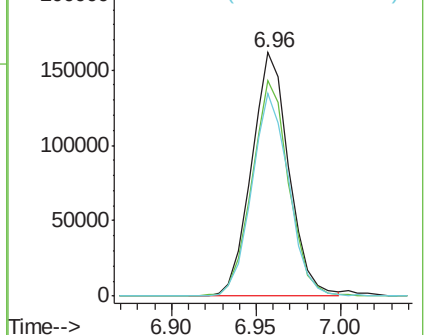
106 83.2 66.6 99.8

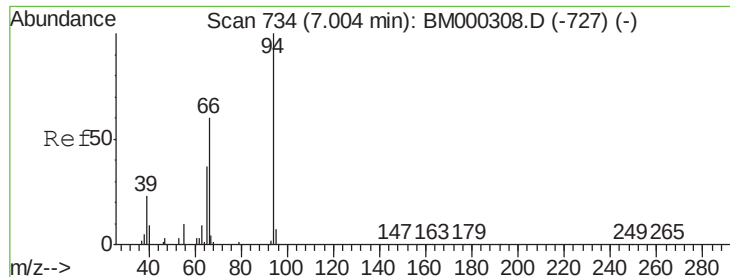


Abundance Ion 77.00 (76.70 to 77.70): BM000308.D (-718) (-)

Ion 105.00 (104.70 to 105.70): BM000308.D (-718) (-)

Ion 106.00 (105.70 to 106.70): BM000308.D (-718) (-)





#6

Phenol

Concen: 20.00 ng/ul

RT: 7.00 min Scan# 734

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

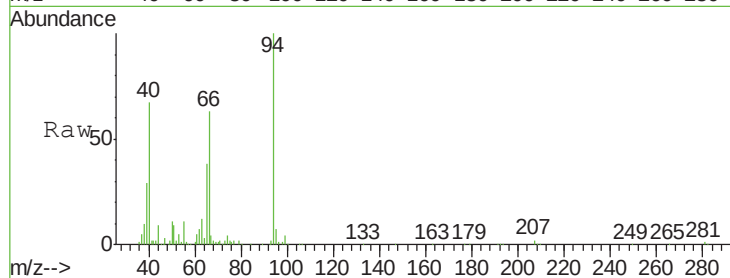
Tot Ion: 94 Resp: 316212

Ion Ratio Lower Upper

94 100

65 37.7 30.2 45.2

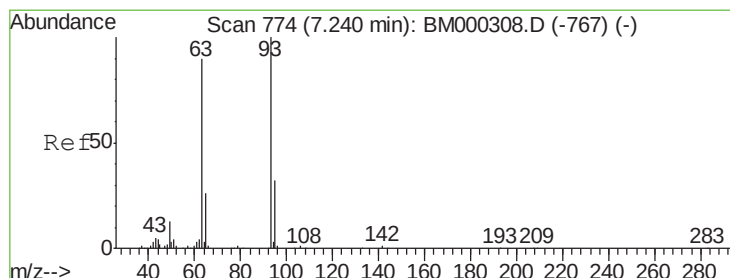
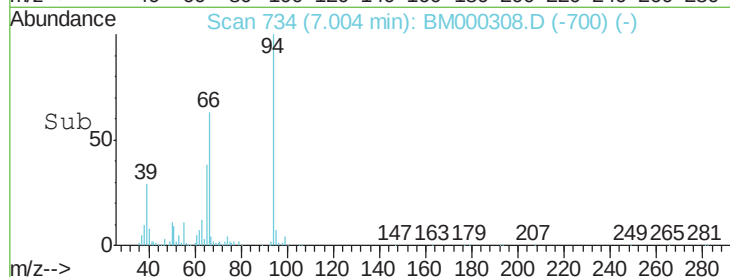
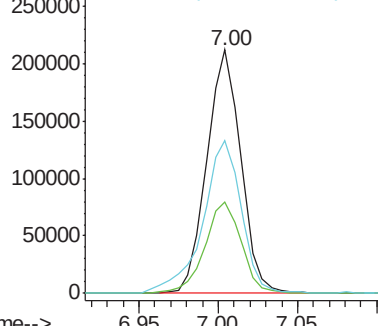
66 62.9 50.3 75.5



Abundance Ion 94.00 (93.70 to 94.70): BM000308.D (-727) (-)

Ion 65.00 (64.70 to 65.70): BM000308.D (-727) (-)

Ion 66.00 (65.70 to 66.70): BM000308.D (-727) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.82 ng/ul

RT: 7.24 min Scan# 774

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

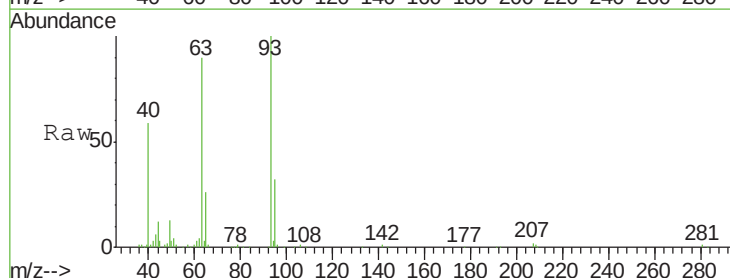
Tgt Ion: 93 Resp: 253987

Ion Ratio Lower Upper

93 100

63 90.4 72.3 108.5

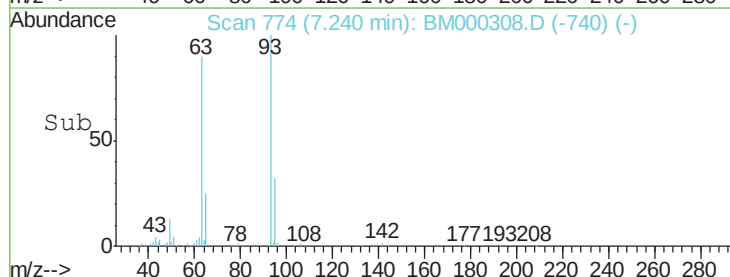
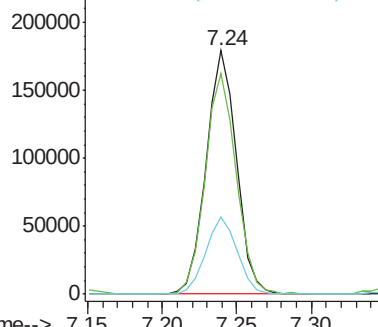
95 31.7 25.4 38.0

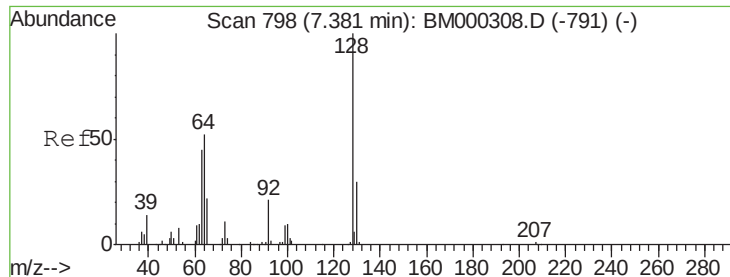


Abundance Ion 93.00 (92.70 to 93.70): BM000308.D (-767) (-)

Ion 63.00 (62.70 to 63.70): BM000308.D (-767) (-)

Ion 95.00 (94.70 to 95.70): BM000308.D (-767) (-)

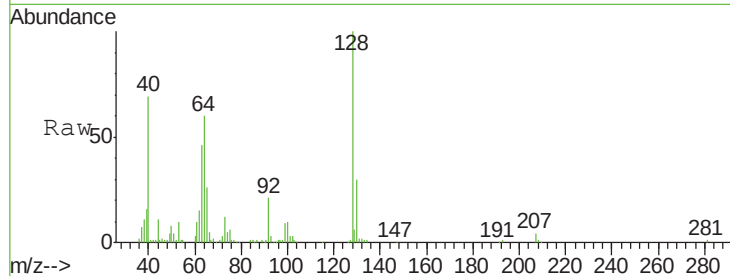




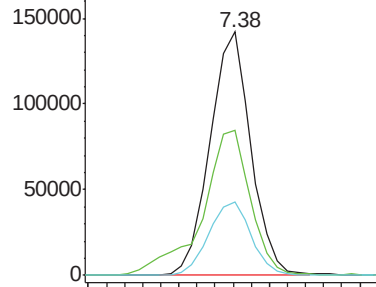
#10
2-Chlorophenol
Concen: 19.71 ng/ul
RT: 7.38 min Scan# 798
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

Instrument :
BNA_M
ClientSampleId :

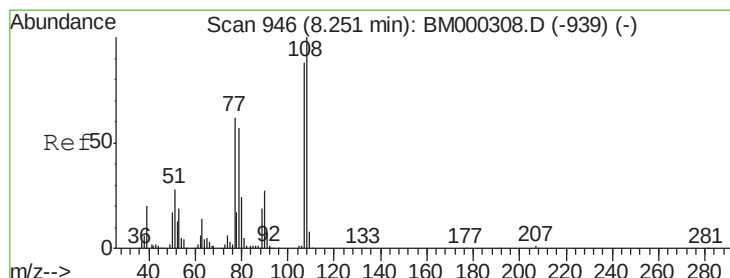
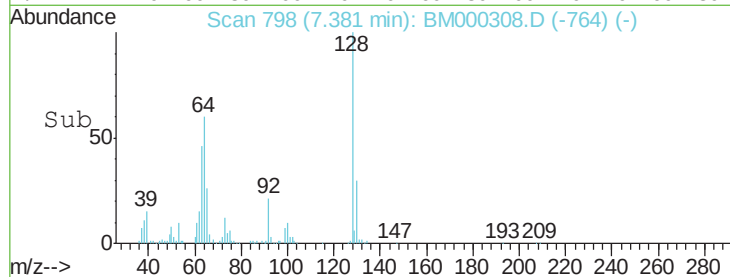
Tot Ion:128 Resp: 222317
Ion Ratio Lower Upper
128 100
64 59.8 47.8 71.8
130 30.3 24.2 36.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

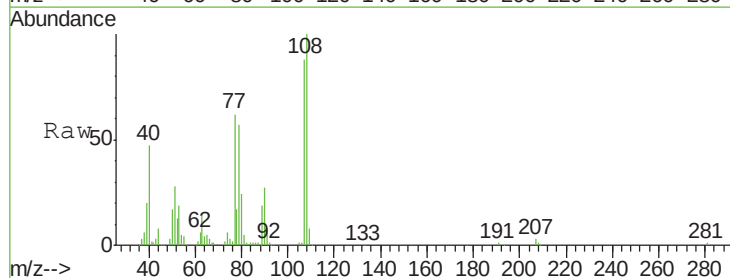


Time--> 7.30 7.35 7.40 7.45

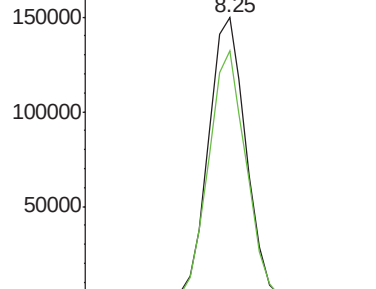


#11
2-Methylphenol
Concen: 19.27 ng/ul
RT: 8.25 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

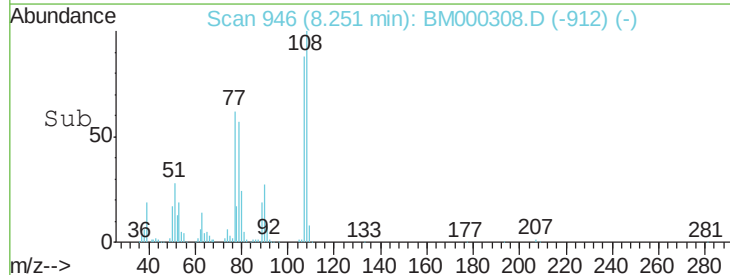
Tgt Ion:108 Resp: 233514
Ion Ratio Lower Upper
108 100
107 88.5 70.8 106.2

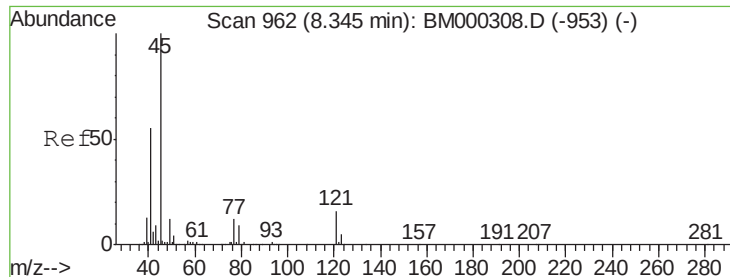


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E



Time--> 8.20 8.25 8.30





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 23.20 ng/ul

RT: 8.35 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

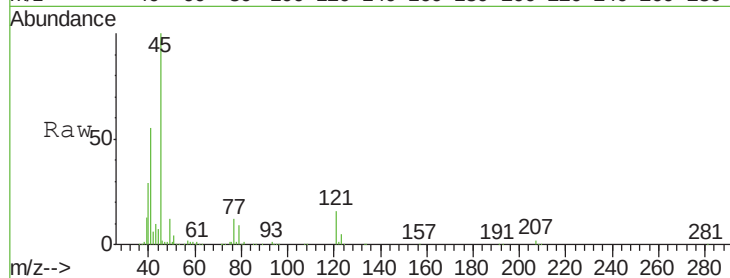
Tot Ion: 45 Resp: 468957

Ion Ratio Lower Upper

45 100

77 12.3 9.8 14.8

79 9.5 7.6 11.4



Abundance Ion 45.00 (44.70 to 45.70): BM000308.D (-953) (-)

Ion 77.00 (76.70 to 77.70): BM000308.D (-953) (-)

Ion 79.00 (78.70 to 79.70): BM000308.D (-953) (-)

8.35

250000

200000

150000

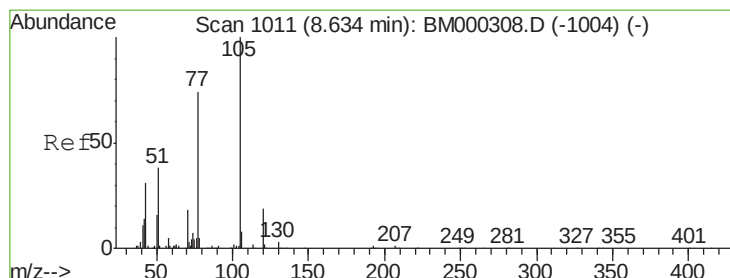
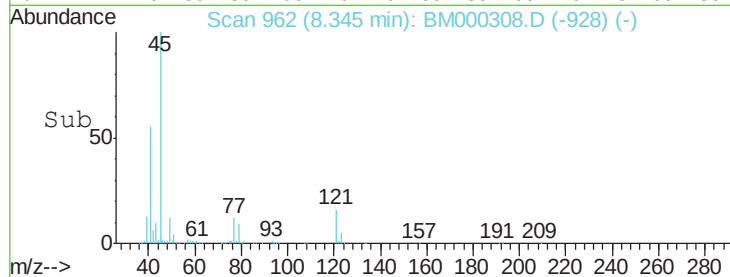
100000

50000

0

8.25 8.30 8.35 8.40

Time-->



#14

Acetophenone

Concen: 22.02 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

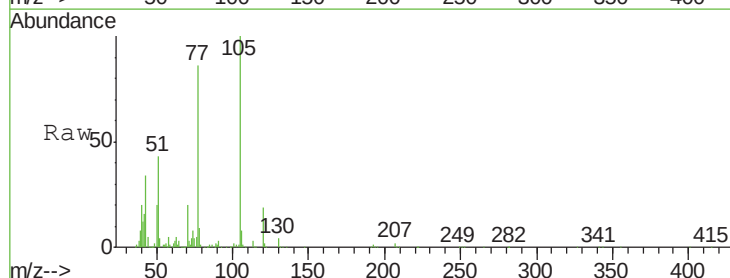
Tgt Ion: 105 Resp: 460751

Ion Ratio Lower Upper

105 100

77 85.8 68.6 103.0

51 42.7 34.2 51.2



Abundance Ion 105.00 (104.70 to 105.70): BM000308.D (-1004) (-)

Ion 77.00 (76.70 to 77.70): BM000308.D (-1004) (-)

Ion 51.00 (50.70 to 51.70): BM000308.D (-1004) (-)

8.63

400000

300000

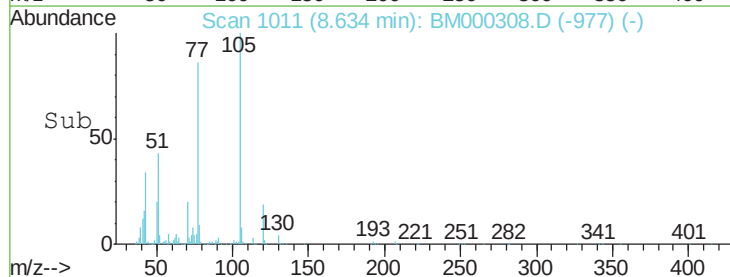
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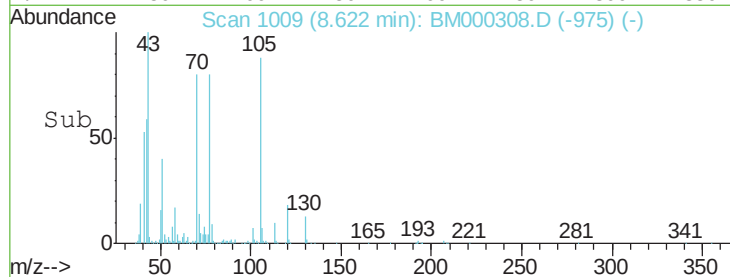
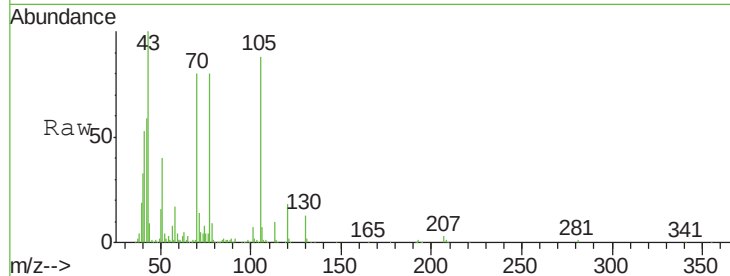
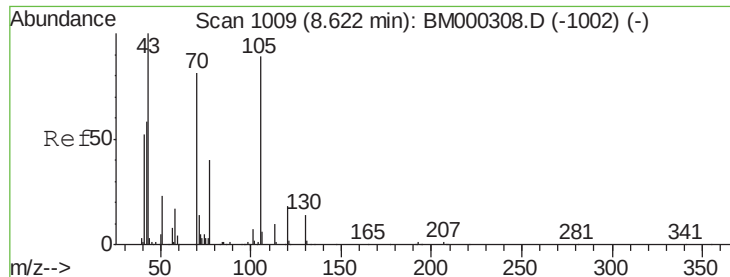
100000

0

8.60 8.65 8.70

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 22.14 ng/ul

RT: 8.62 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 242879

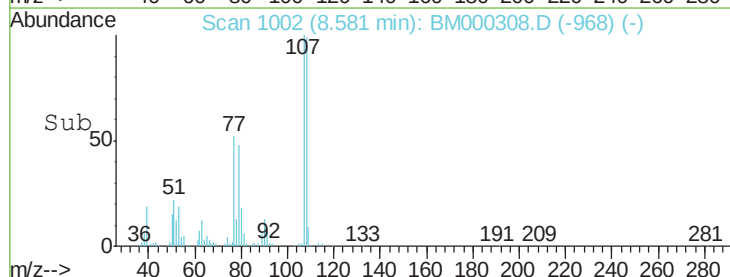
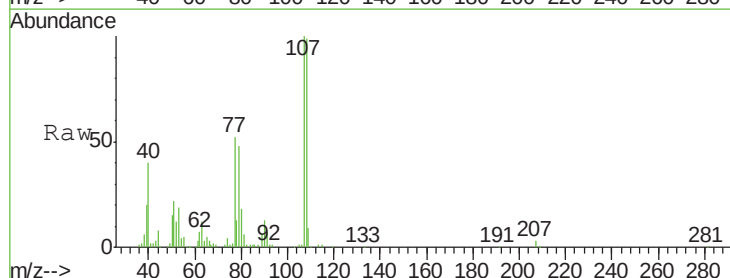
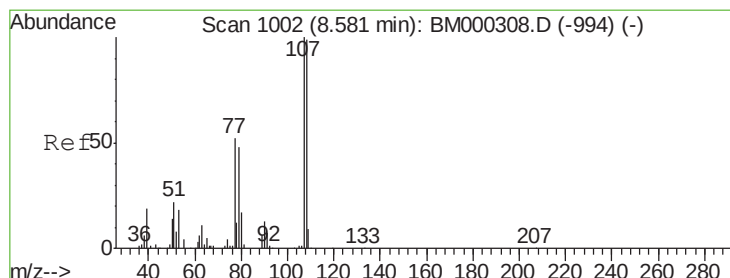
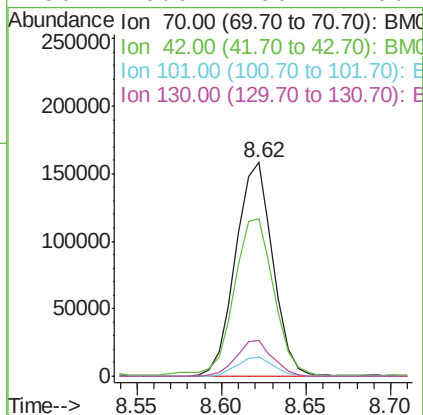
Ion Ratio Lower Upper

70 100

42 73.6 58.9 88.3

101 8.8 7.0 10.6

130 16.8 13.4 20.2



#16

4-Methylphenol

Concen: 19.90 ng/ul

RT: 8.58 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BM000308.D

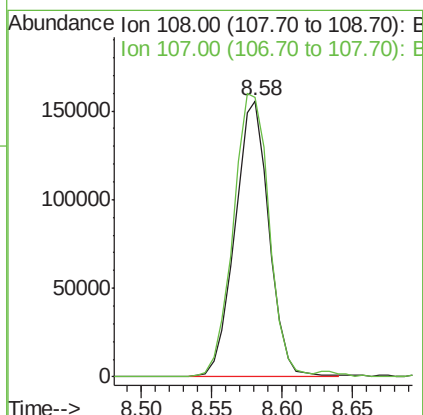
Acq: 23 Jan 2015 23:07

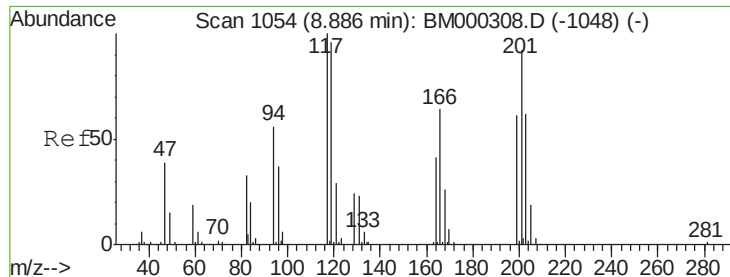
Tgt Ion: 108 Resp: 262367

Ion Ratio Lower Upper

108 100

107 101.2 81.0 121.4





#17

Hexachloroethane

Concen: 22.11 ng/ul

RT: 8.89 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampled :

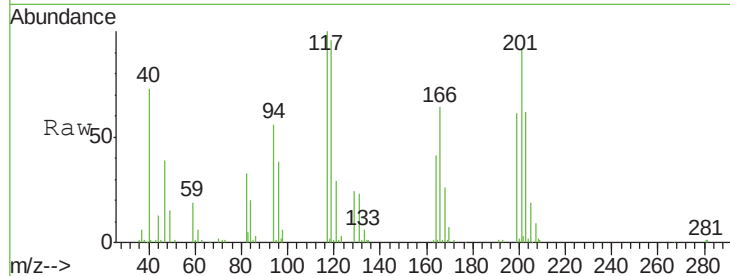
Tot Ion:117 Resp: 117947

Ion Ratio Lower Upper

117 100

201 91.8 73.4 110.2

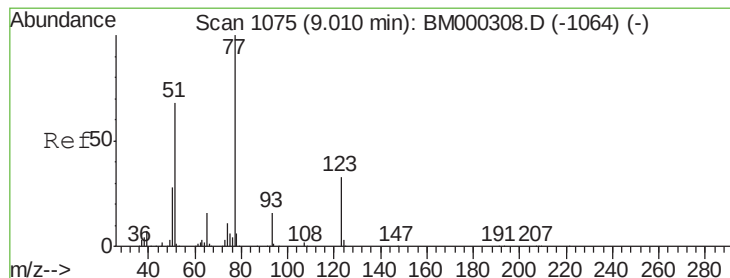
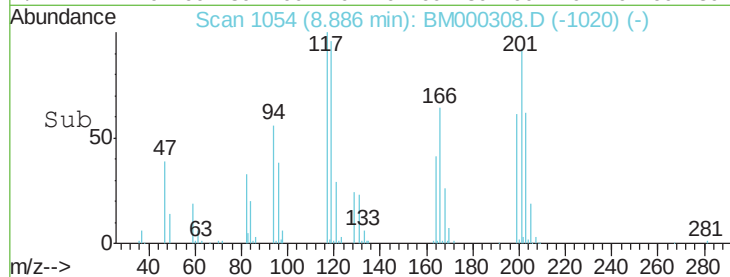
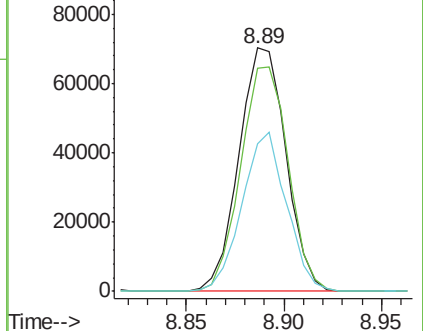
199 60.9 48.7 73.1



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: 23.23 ng/ul

RT: 9.01 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

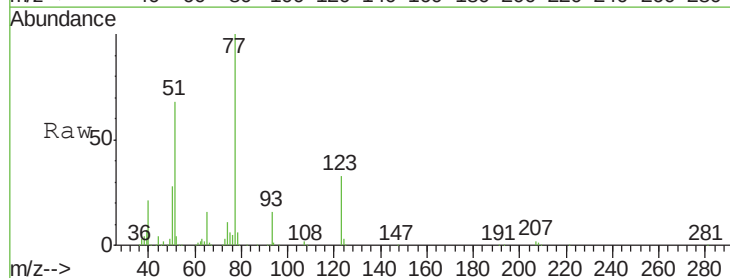
Tgt Ion: 77 Resp: 398178

Ion Ratio Lower Upper

77 100

123 33.1 26.5 39.7

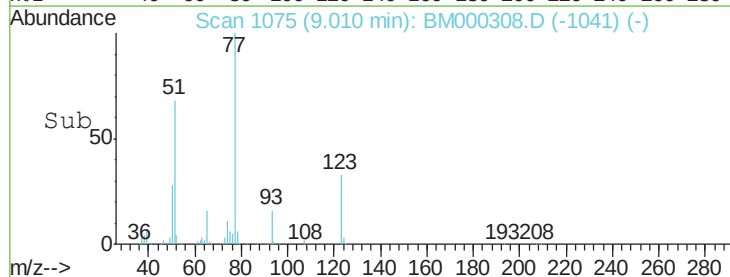
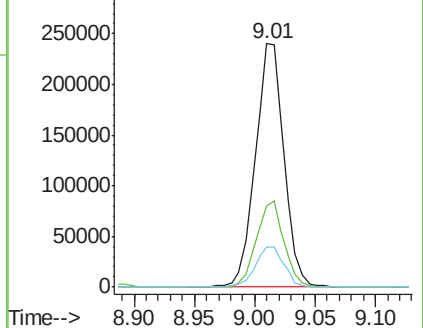
65 16.2 13.0 19.4

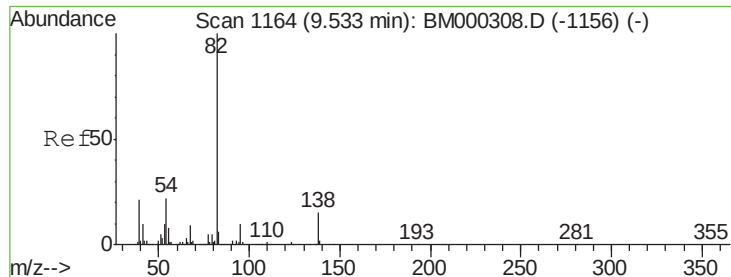


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 21.33 ng/ul

RT: 9.53 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

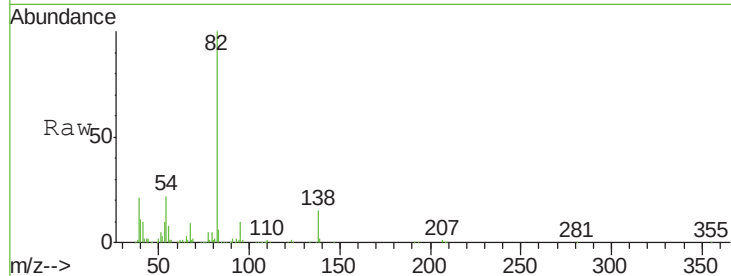
Tot Ion: 82 Resp: 688226

Ion Ratio Lower Upper

82 100

95 9.9 7.9 11.9

138 15.1 12.1 18.1

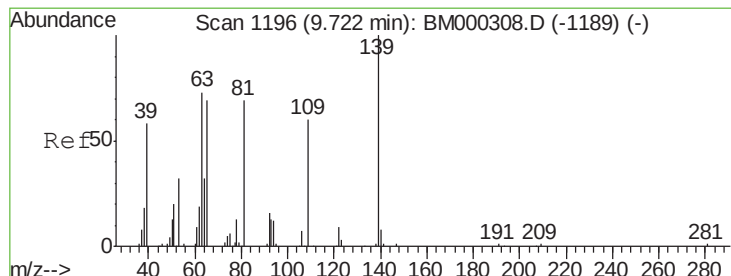
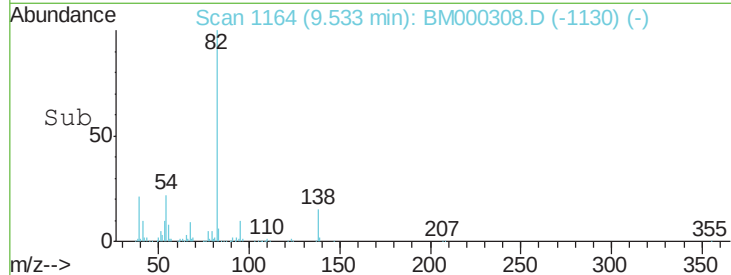


Abundance Ion 82.00 (81.70 to 82.70): BM000308.D (-1156) (-)

Ion 95.00 (94.70 to 95.70): BM000308.D (-1156) (-)

Ion 138.00 (137.70 to 138.70): BM000308.D (-1156) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.64 ng/ul

RT: 9.72 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

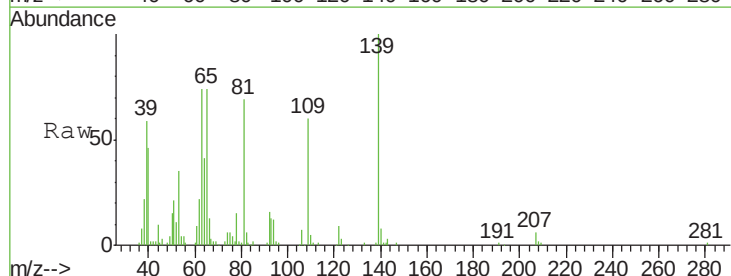
Tgt Ion: 139 Resp: 128341

Ion Ratio Lower Upper

139 100

65 74.4 59.5 89.3

109 59.8 47.8 71.8

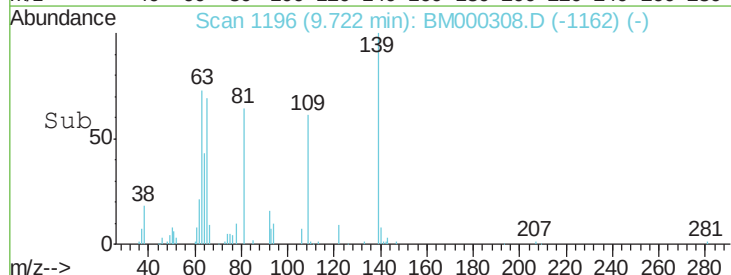


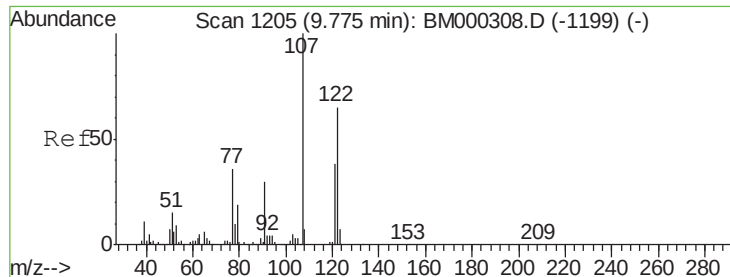
Abundance Ion 139.00 (138.70 to 139.70): BM000308.D (-1189) (-)

Ion 65.00 (64.70 to 65.70): BM000308.D (-1189) (-)

Ion 109.00 (108.70 to 109.70): BM000308.D (-1189) (-)

Time-->

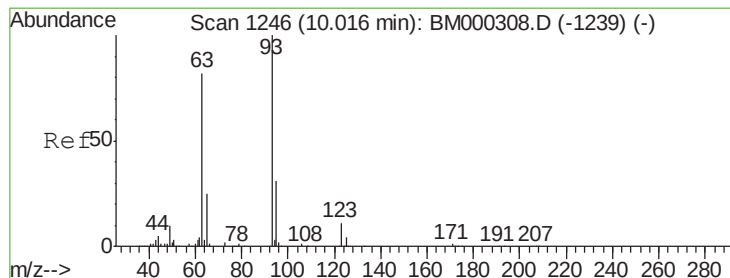
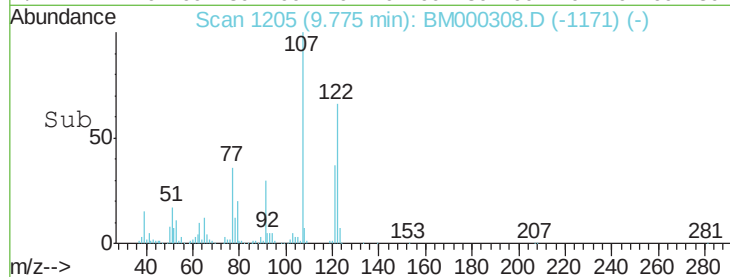
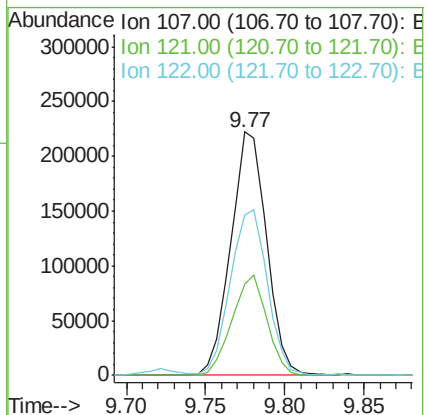
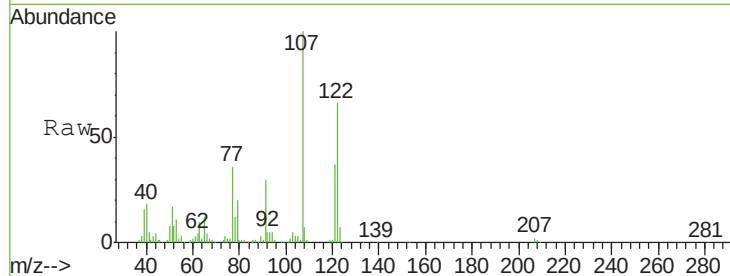




#24
 2,4-Dimethylphenol
 Concen: 20.51 ng/ul
 RT: 9.77 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

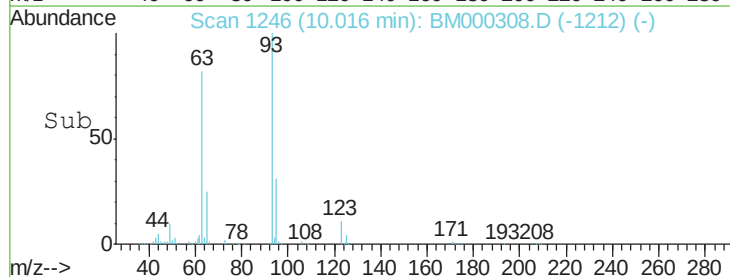
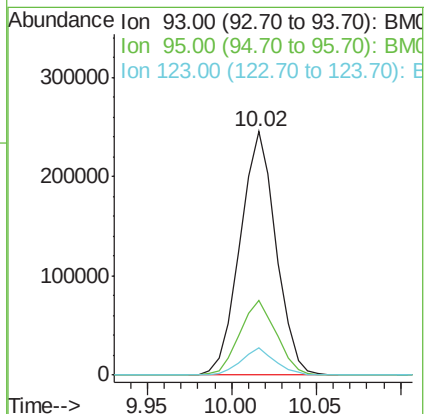
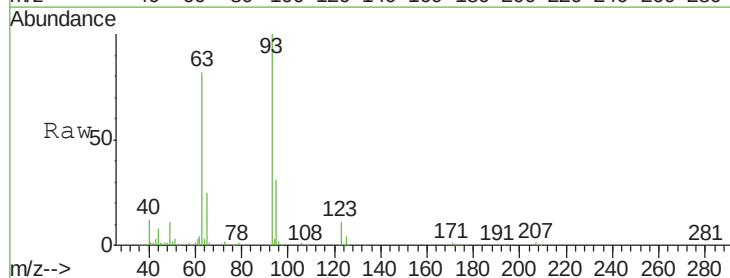
Instrument :
 BNA_M
 ClientSampled :

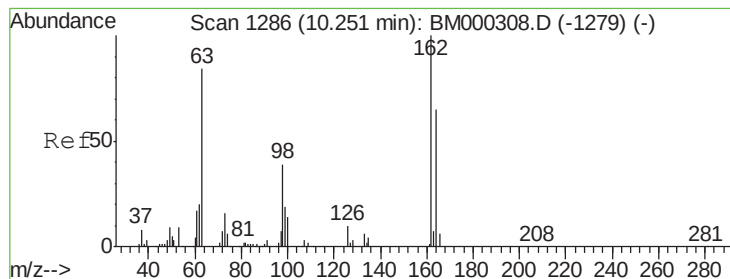
Tot Ion:107 Resp: 347850
 Ion Ratio Lower Upper
 107 100
 121 37.4 29.9 44.9
 122 65.7 52.6 78.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.49 ng/ul
 RT: 10.02 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

Tgt Ion: 93 Resp: 364245
 Ion Ratio Lower Upper
 93 100
 95 30.5 24.4 36.6
 123 11.3 9.0 13.6





#27

2,4-Dichlorophenol

Concen: 20.19 ng/ul

RT: 10.25 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

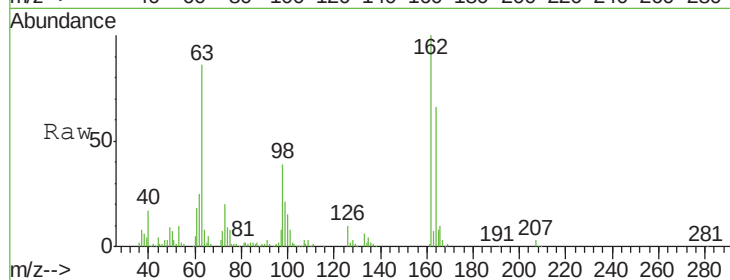
Tot Ion:162 Resp: 250639

Ion Ratio Lower Upper

162 100

164 65.9 52.7 79.1

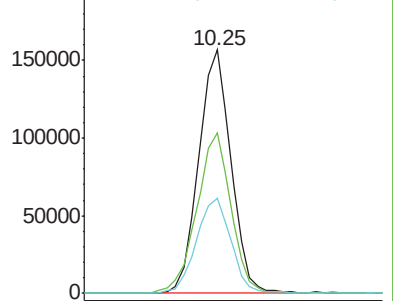
98 38.8 31.0 46.6



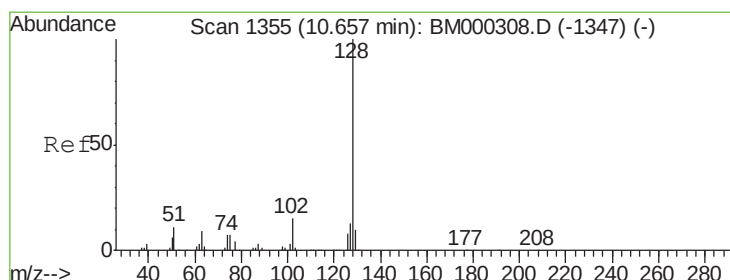
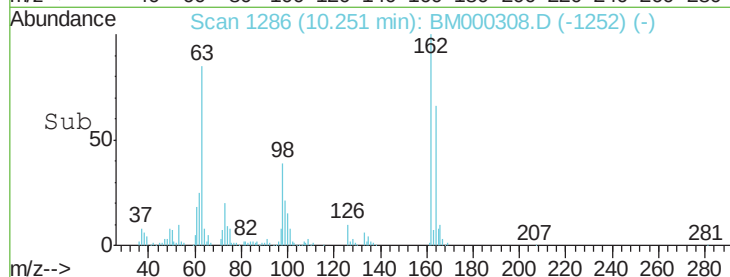
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



Time-->



#28

Naphthalene

Concen: 20.09 ng/ul

RT: 10.66 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

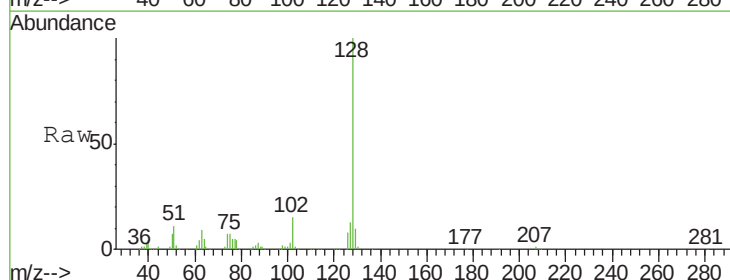
Tgt Ion:128 Resp: 819525

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

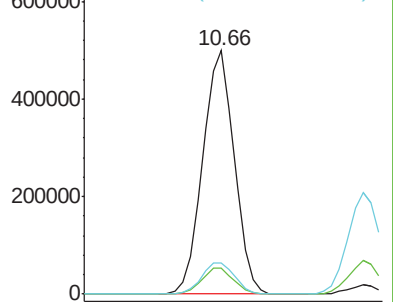
127 13.0 10.4 15.6



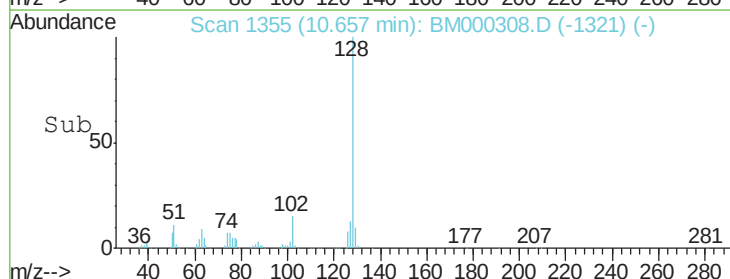
Abundance Ion 128.00 (127.70 to 128.70): E

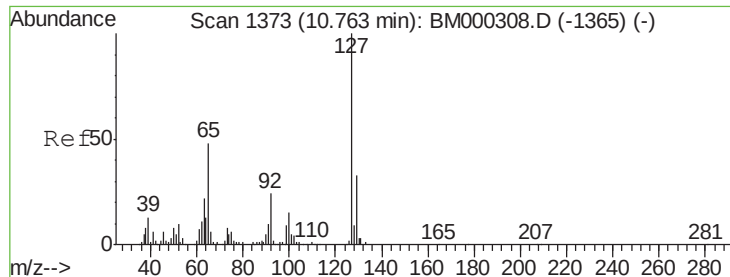
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#30

4-Chloroaniline

Concen: 23.33 ng/ul

RT: 10.76 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

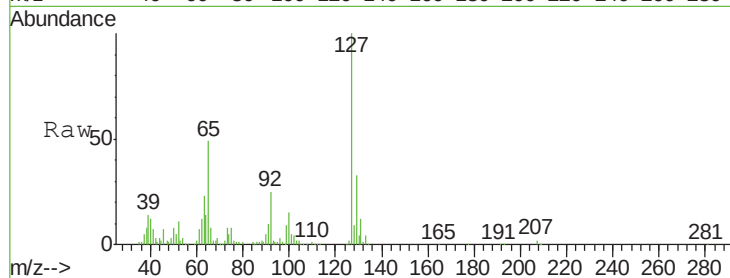
ClientSampleId :

Tot Ion:127 Resp: 342691

Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

10.76

200000

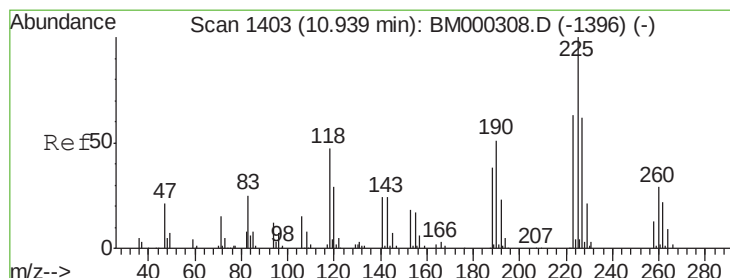
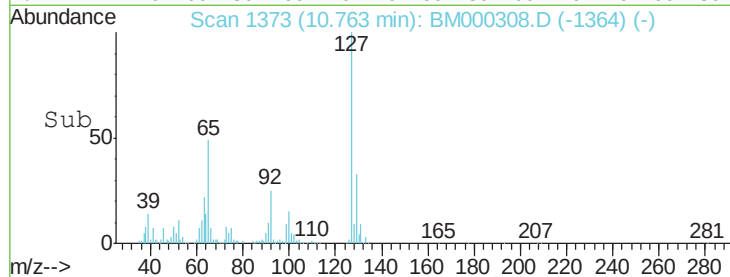
150000

100000

50000

0

Time-->



#31

Hexachlorobutadiene

Concen: 21.58 ng/ul

RT: 10.94 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

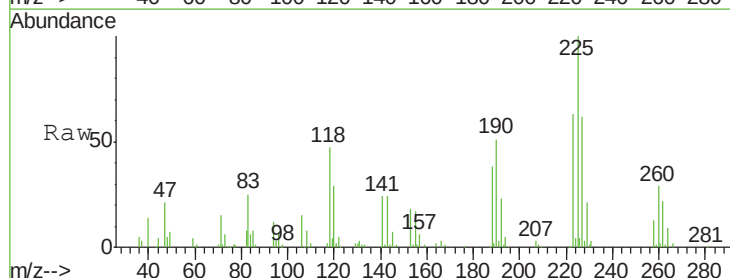
Tgt Ion:225 Resp: 194095

Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

227 62.1 49.7 74.5



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

10.94

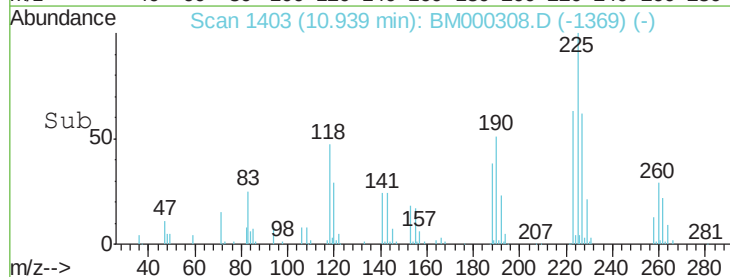
150000

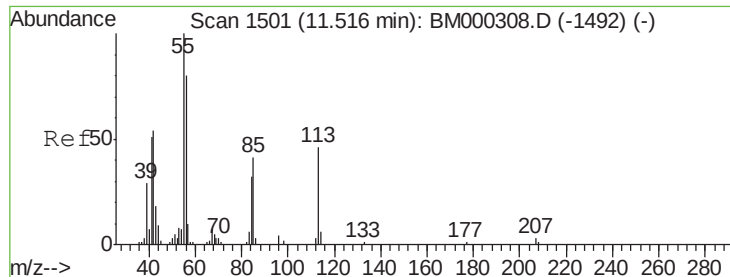
100000

50000

0

Time-->





#32

Caprolactam

Concen: 11.05 ng/ul

RT: 11.52 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

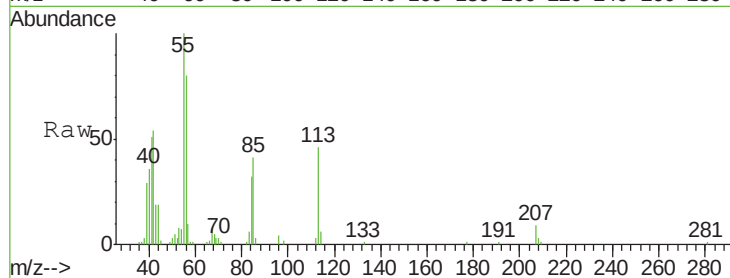
Tot Ion:113 Resp: 44758

Ion Ratio Lower Upper

113 100

55 218.8 175.0 262.6

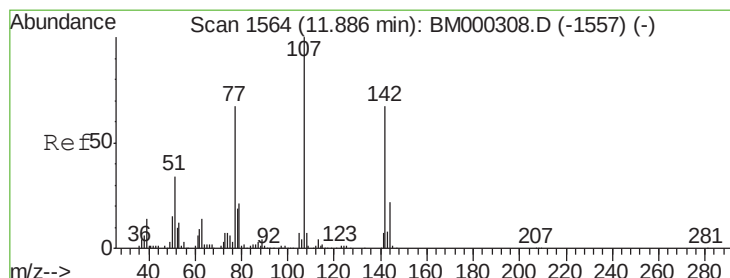
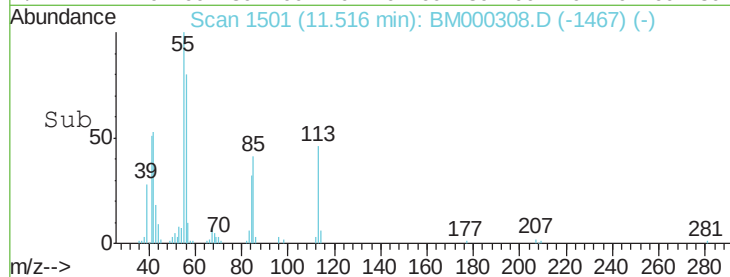
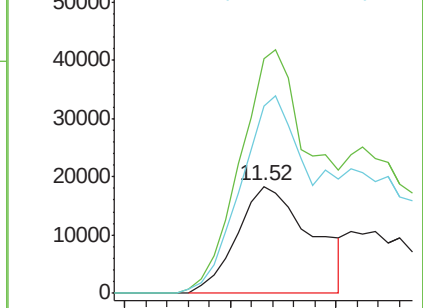
56 174.8 139.8 209.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 20.65 ng/ul

RT: 11.89 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

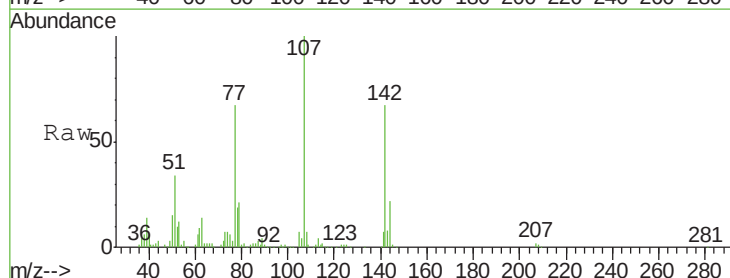
Tgt Ion:107 Resp: 317225

Ion Ratio Lower Upper

107 100

144 21.8 17.4 26.2

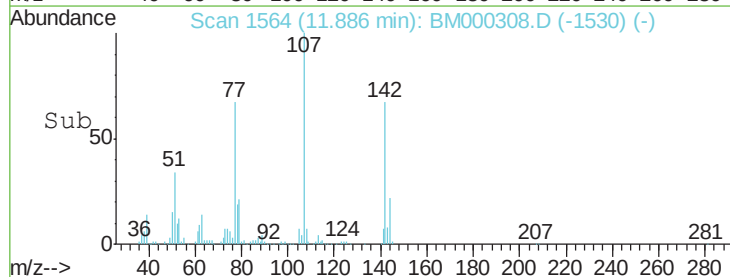
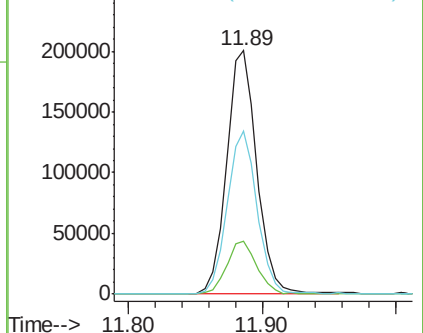
142 67.1 53.7 80.5

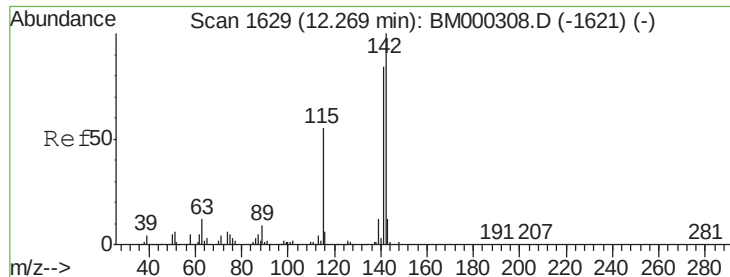


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.89 ng/ul

RT: 12.27 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

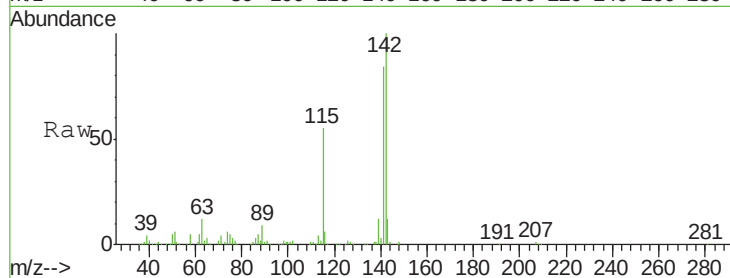
ClientSampleId :

Tot Ion:142 Resp: 636868

Ion Ratio Lower Upper

142 100

141 84.2 67.4 101.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.27

400000

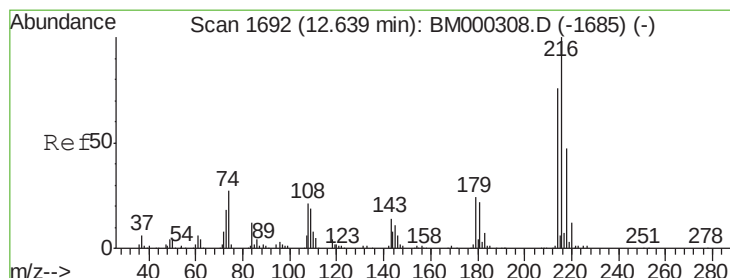
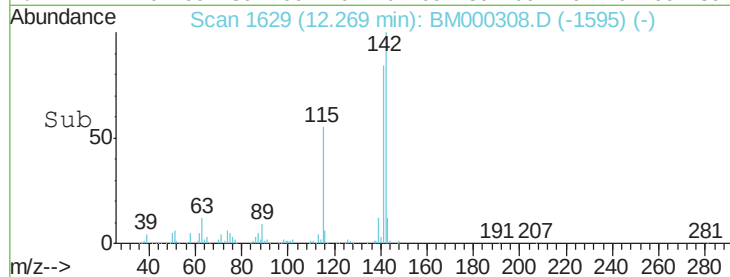
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.75 ng/ul

RT: 12.64 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:216 Resp: 356672

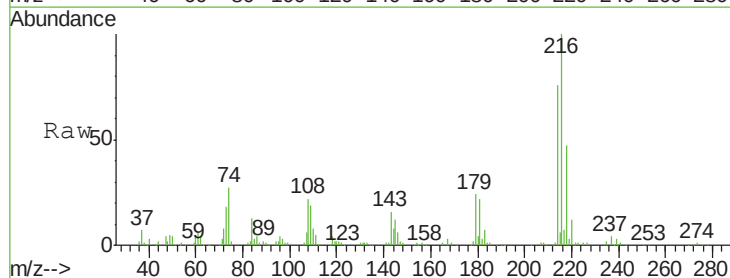
Ion Ratio Lower Upper

216 100

214 75.7 60.6 90.8

179 24.2 19.4 29.0

108 22.2 17.8 26.6



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

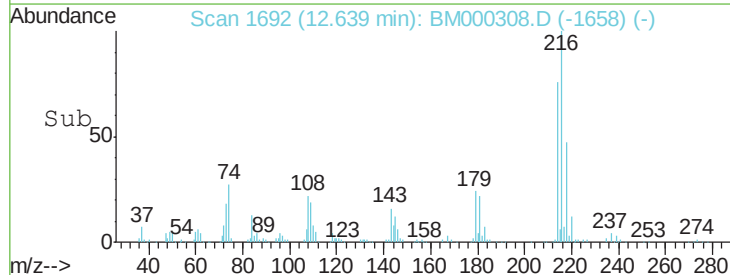
300000

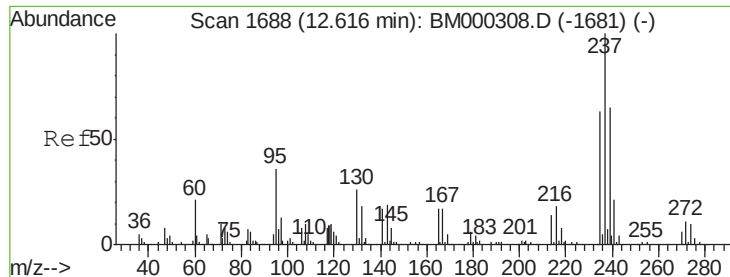
200000

100000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 19.97 ng/ul

RT: 12.62 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

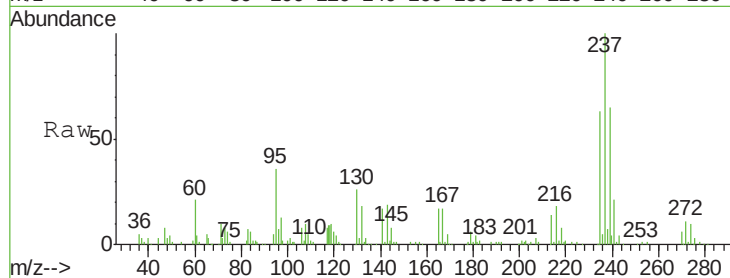
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 227667

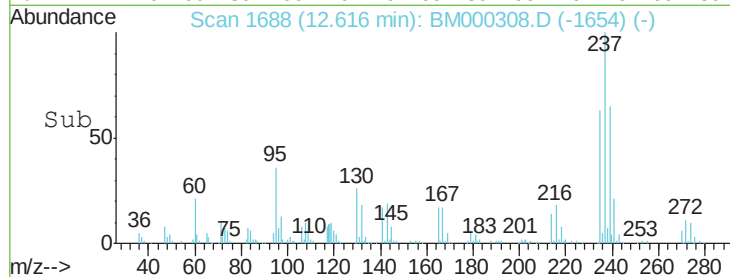
Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.7	76.1
272	12.3	9.8	14.8



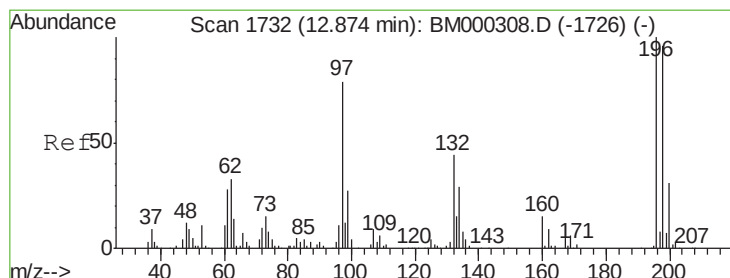
Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



Time-->



#38

2,4,6-Trichlorophenol

Concen: 19.46 ng/ul

RT: 12.87 min Scan# 1732

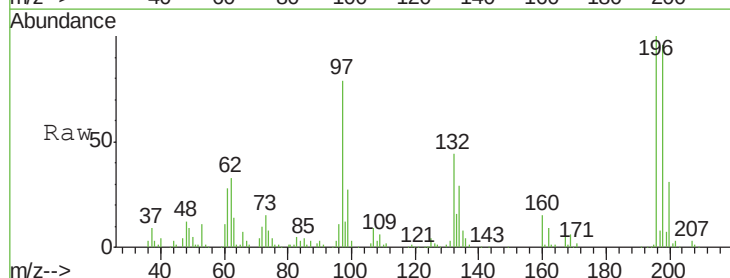
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:196 Resp: 209602

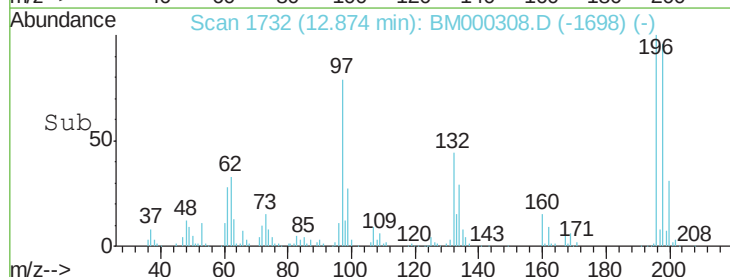
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
200	31.4	25.1	37.7



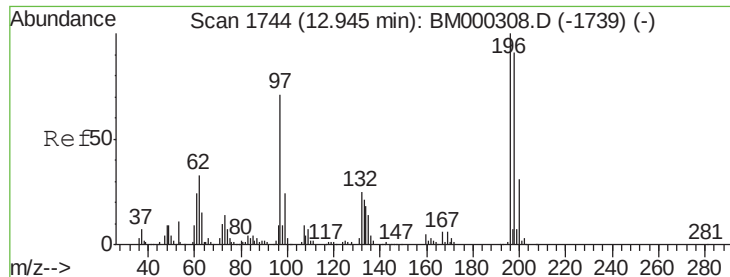
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->

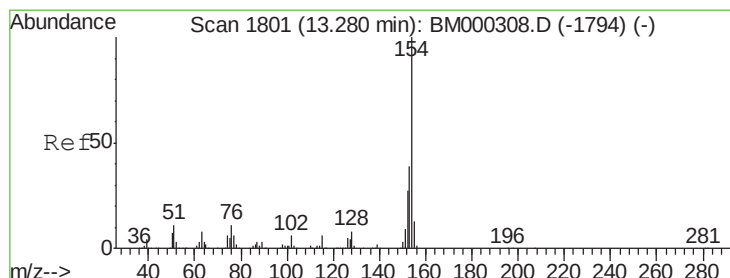
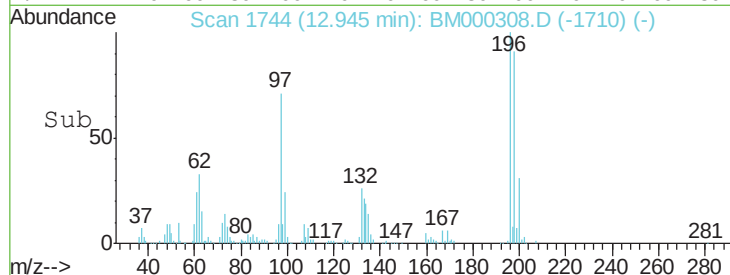
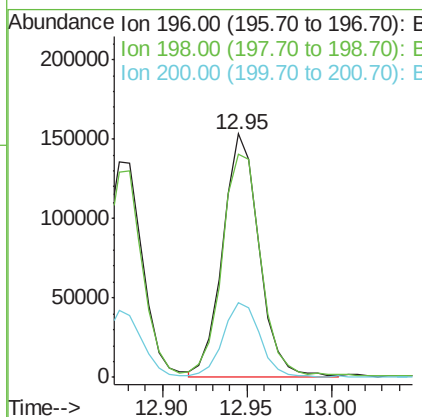
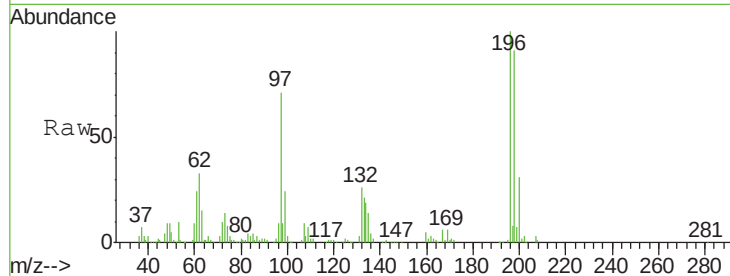


#39

2,4,5-Trichlorophenol
Concen: 19.79 ng/ul
RT: 12.95 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

Instrument :
BNA_M
ClientSampleId :

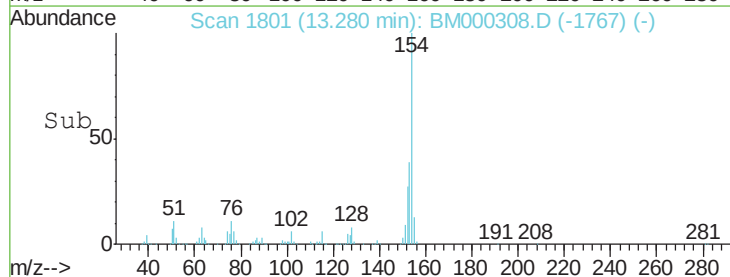
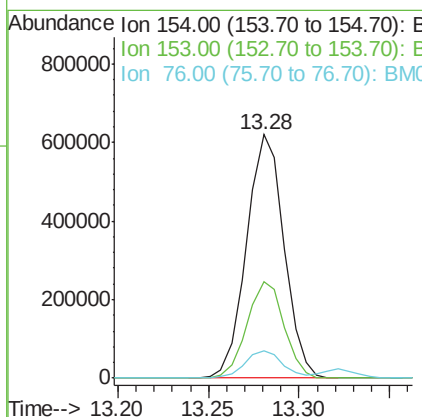
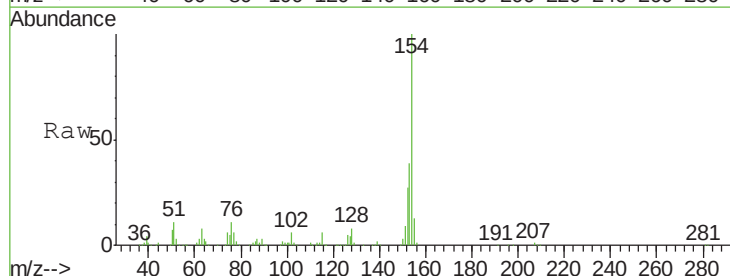
Tot Ion	196	Resp	231327
Ion Ratio	Lower	Upper	
196	100		
198	91.4	73.1	109.7
200	30.8	24.6	37.0

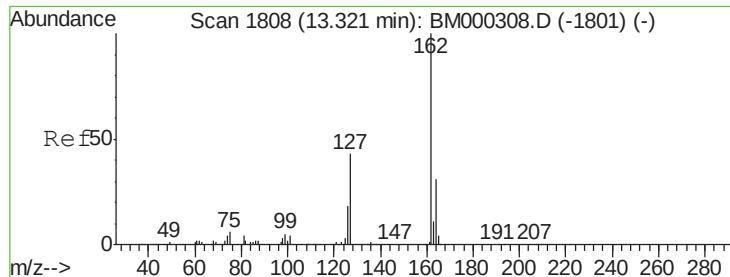


#40

1,1'-Biphenyl
Concen: 20.17 ng/ul
RT: 13.28 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

Tgt Ion	154	Resp	891515
Ion Ratio	Lower	Upper	
154	100		
153	39.5	31.6	47.4
76	11.4	9.1	13.7





#41

2-Chloronaphthalene

Concen: 20.04 ng/ul

RT: 13.32 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

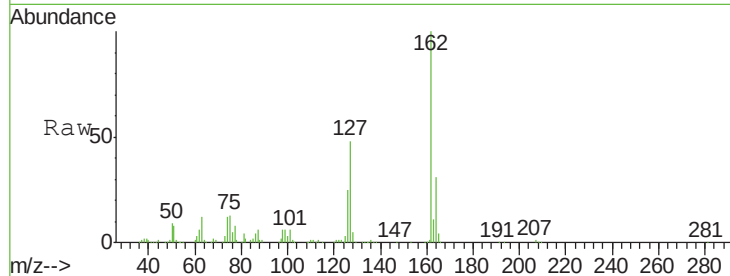
Tot Ion:162 Resp: 680494

Ion Ratio Lower Upper

162 100

164 31.3 25.0 37.6

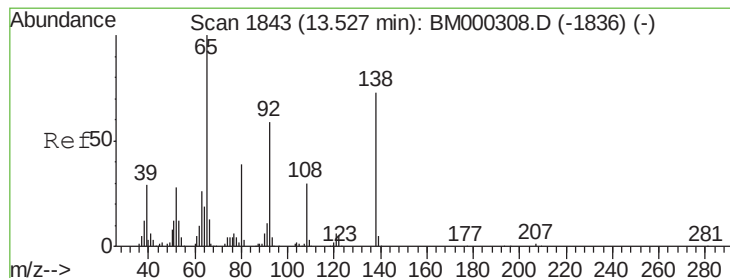
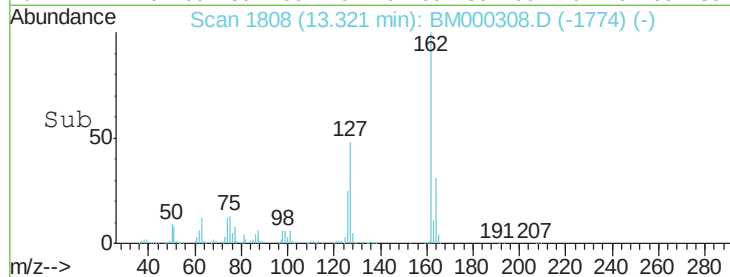
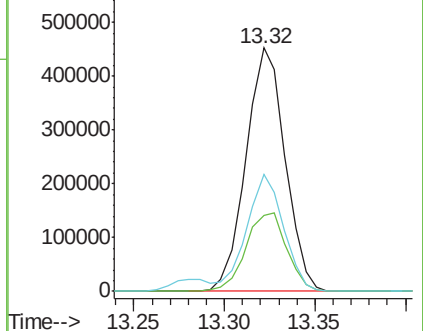
127 48.3 38.6 58.0



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: 21.39 ng/ul

RT: 13.53 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

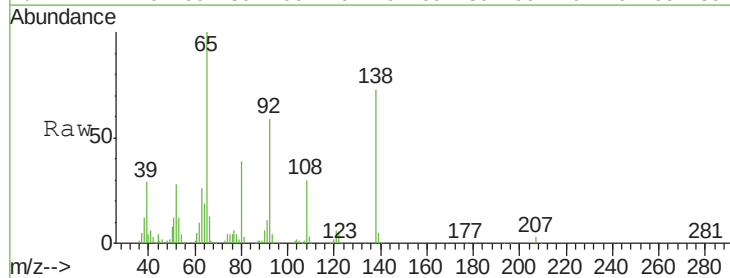
Tgt Ion: 65 Resp: 238279

Ion Ratio Lower Upper

65 100

92 58.9 47.1 70.7

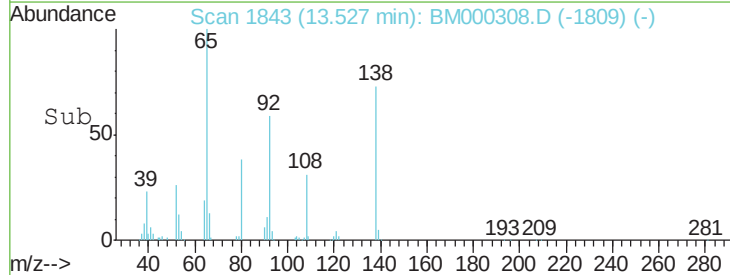
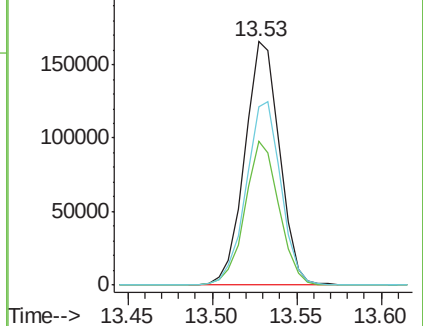
138 73.2 58.6 87.8

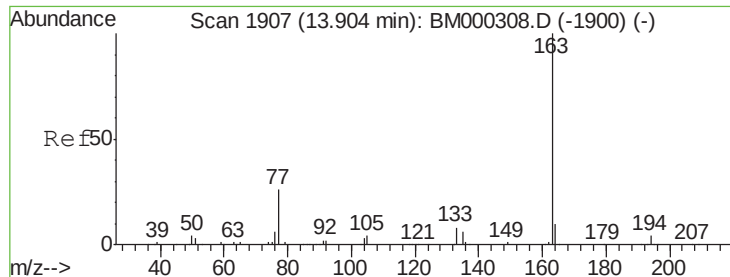


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.06 ng/ul

RT: 13.90 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

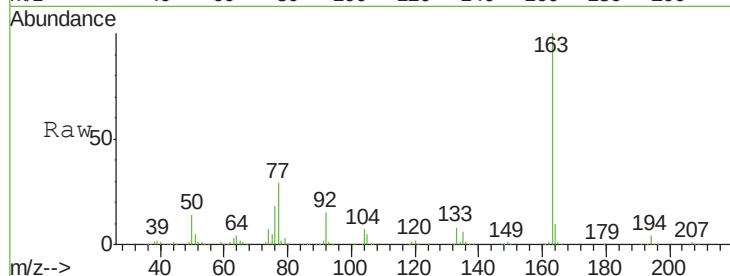
Tot Ion:163 Resp: 904345

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

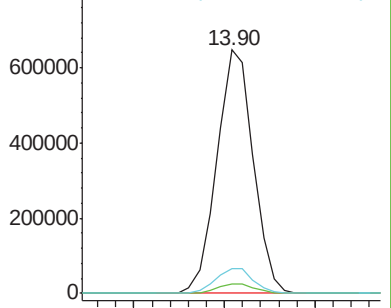
164 10.1 8.1 12.1



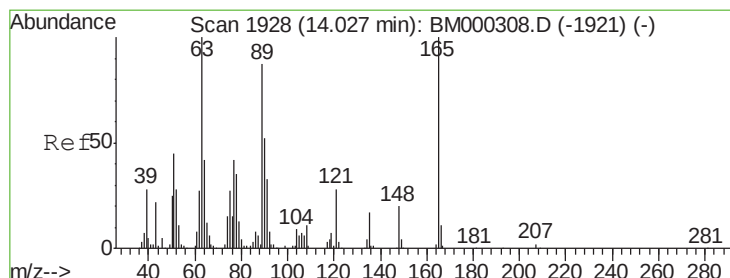
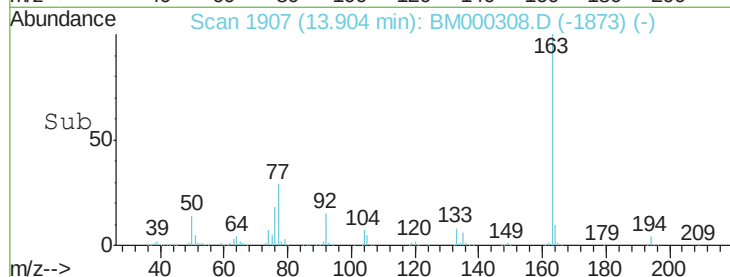
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#45

2,6-Dinitrotoluene

Concen: 21.23 ng/ul

RT: 14.03 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

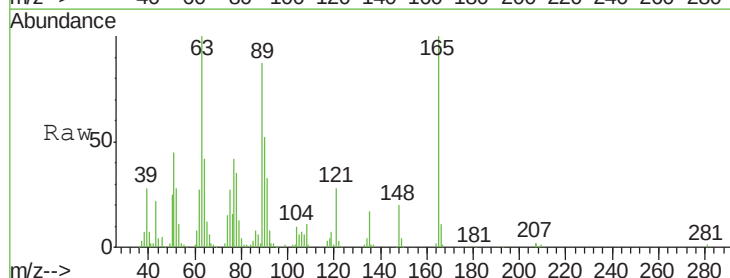
Tgt Ion:165 Resp: 172375

Ion Ratio Lower Upper

165 100

89 86.9 69.5 104.3

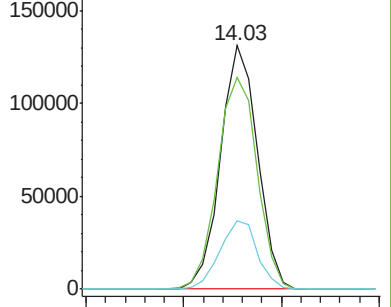
121 27.9 22.3 33.5



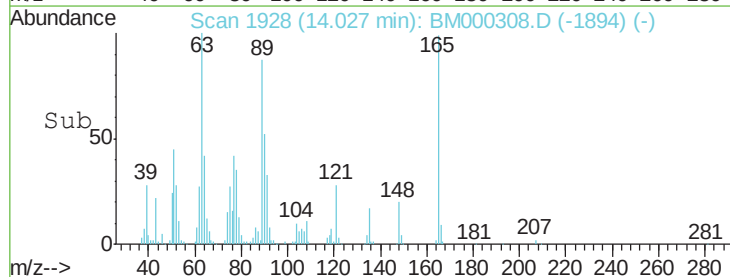
Abundance Ion 165.00 (164.70 to 165.70): E

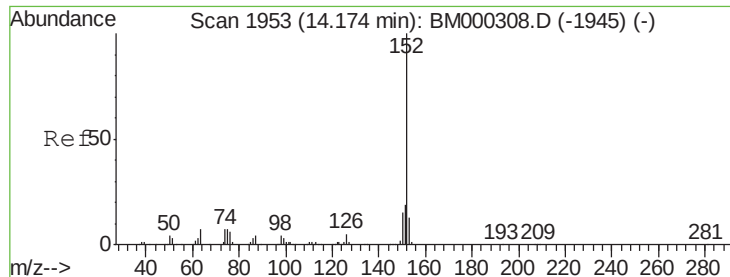
Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



Time-->





#47

Acenaphthylene

Concen: 20.18 ng/ul

RT: 14.17 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

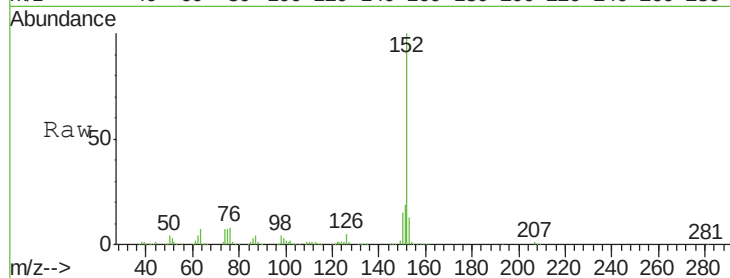
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1151521

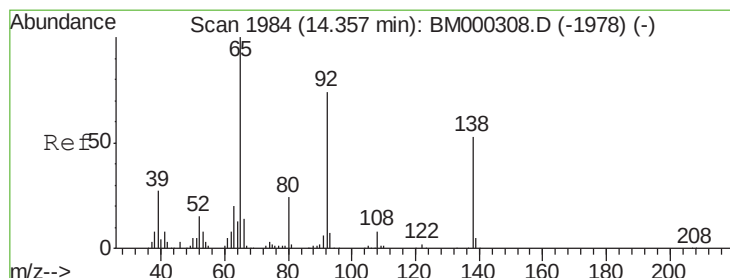
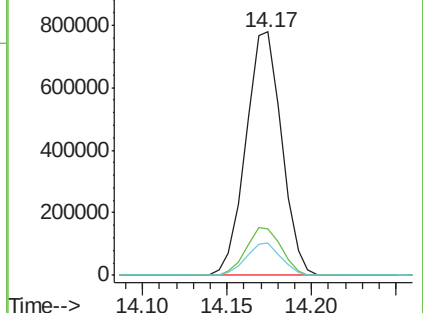
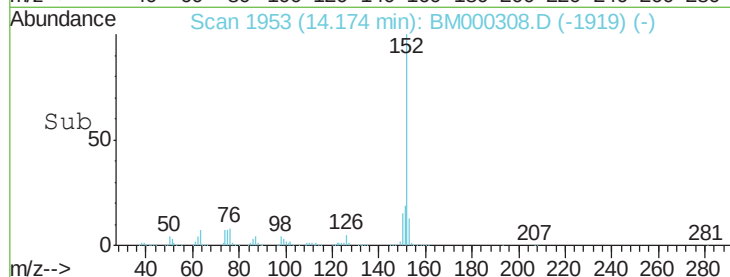
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	13.4	10.7	16.1



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: 21.34 ng/ul

RT: 14.36 min Scan# 1984

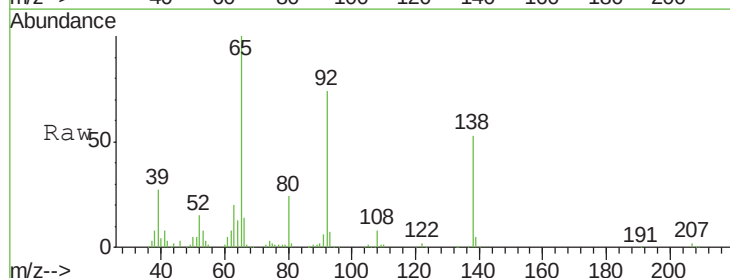
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:138 Resp: 175369

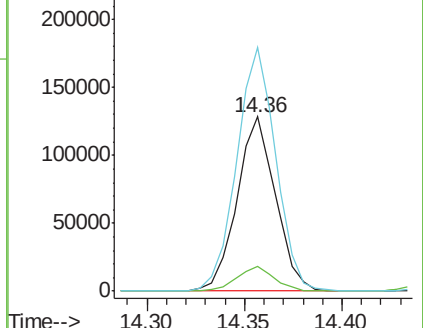
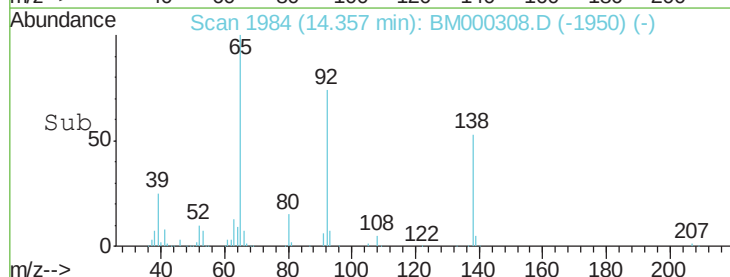
Ion	Ratio	Lower	Upper
138	100		
108	14.5	11.6	17.4
92	139.7	111.8	167.6

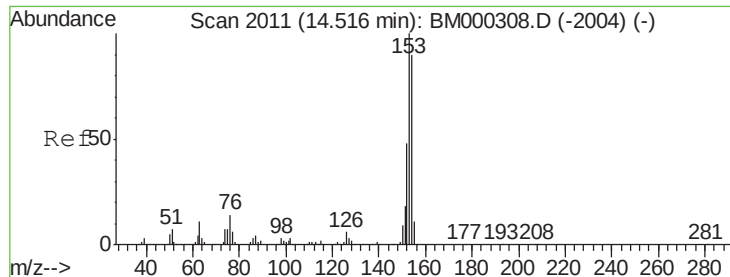


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 20.36 ng/ul

RT: 14.52 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

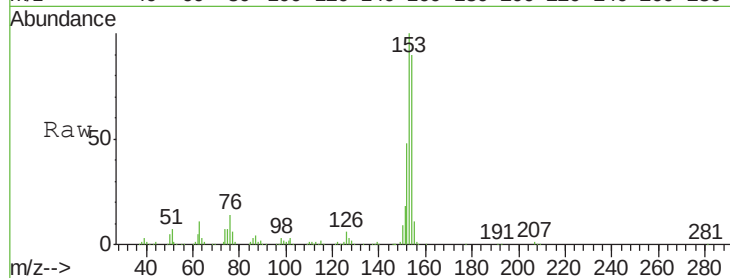
Tot Ion:153 Resp: 744375

Ion Ratio Lower Upper

153 100

152 48.2 38.6 57.8

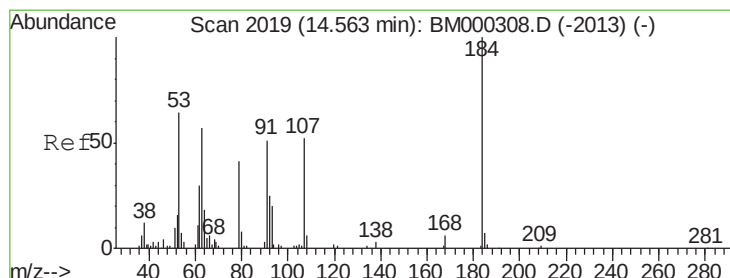
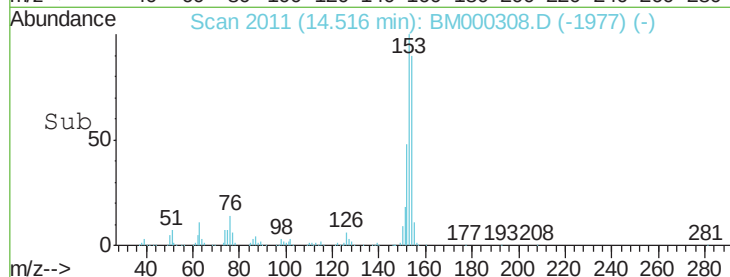
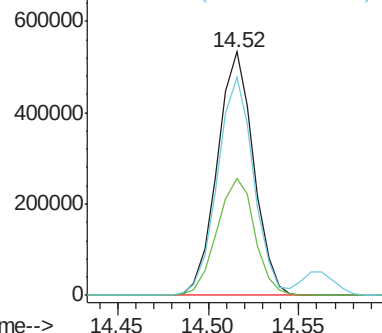
154 89.5 71.6 107.4



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: 19.90 ng/ul

RT: 14.56 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

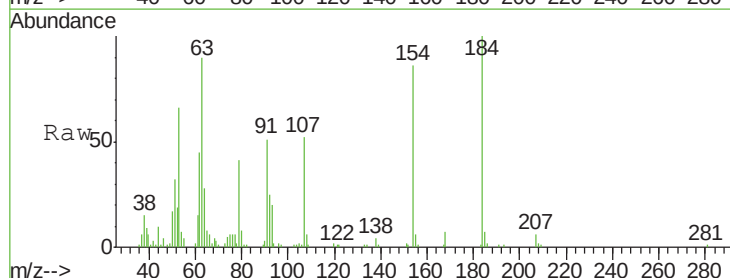
Tgt Ion:184 Resp: 84017

Ion Ratio Lower Upper

184 100

63 90.3 72.2 108.4

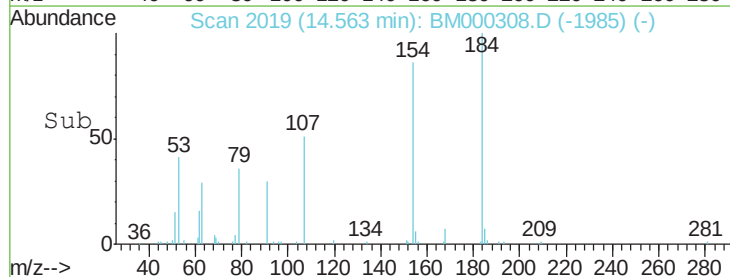
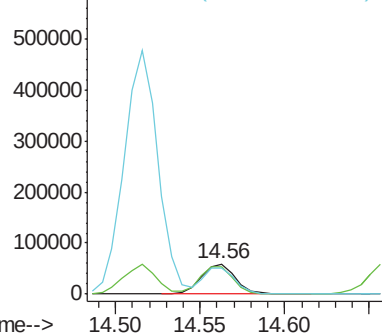
154 85.6 68.5 102.7

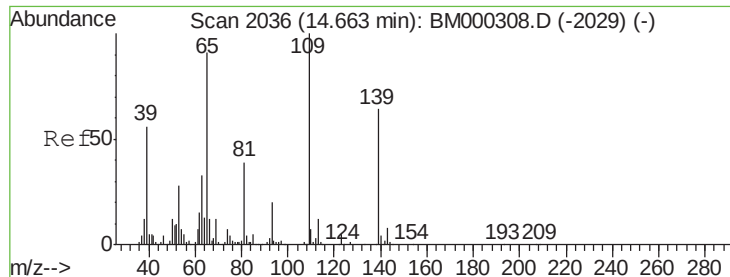


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 23.30 ng/ul

RT: 14.66 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

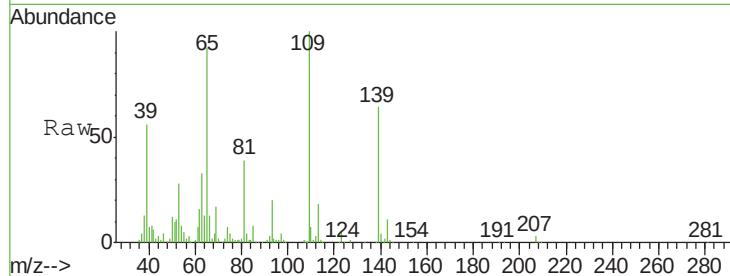
Tot Ion:109 Resp: 237155

Ion Ratio Lower Upper

109 100

139 64.2 51.4 77.0

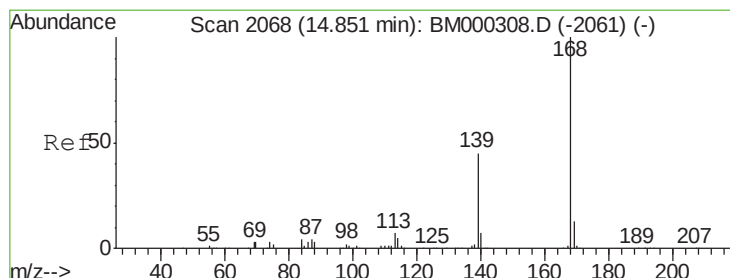
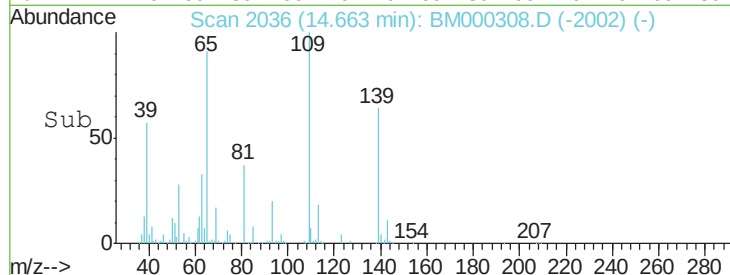
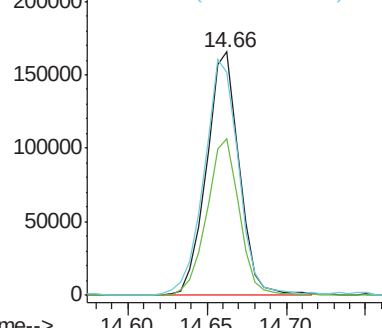
65 91.5 73.2 109.8



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.74 ng/ul

RT: 14.85 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BM000308.D

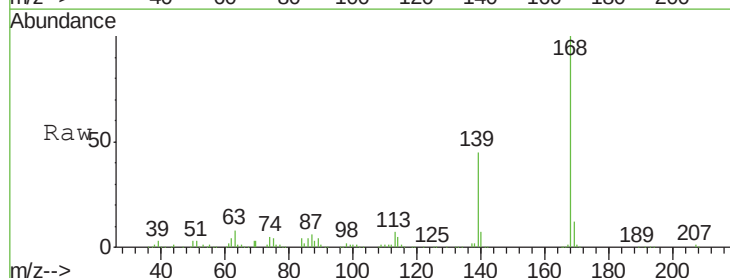
Acq: 23 Jan 2015 23:07

Tgt Ion:168 Resp: 1103026

Ion Ratio Lower Upper

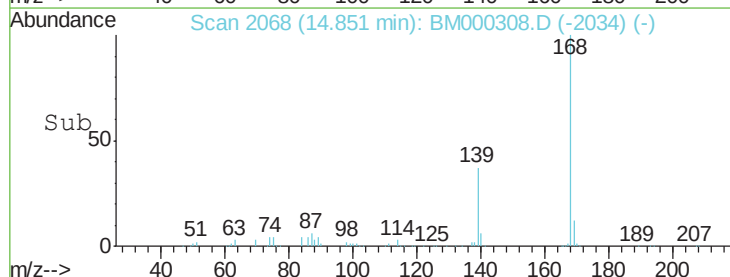
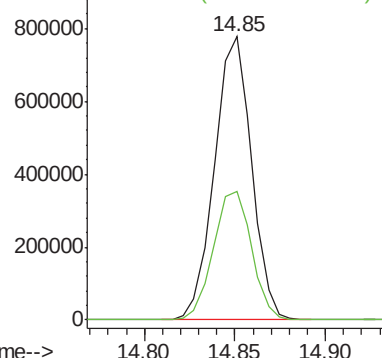
168 100

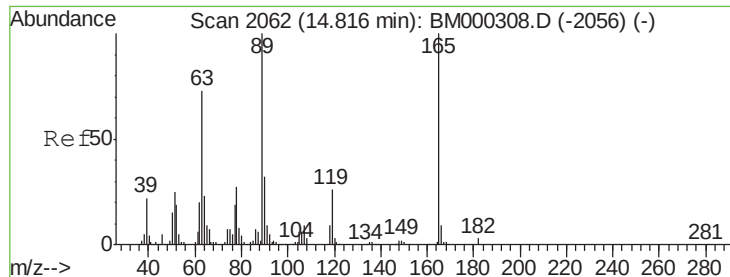
139 45.4 36.3 54.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.95 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

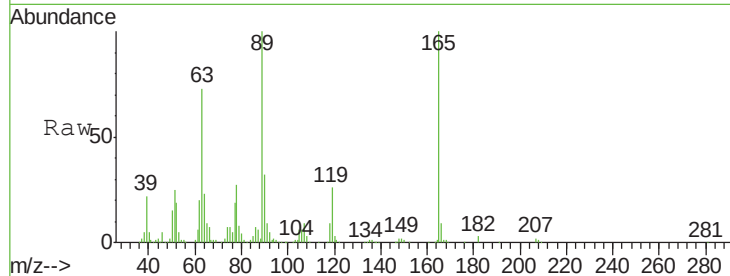
Tot Ion:165 Resp: 269755

Ion Ratio Lower Upper

165 100

63 73.4 58.7 88.1

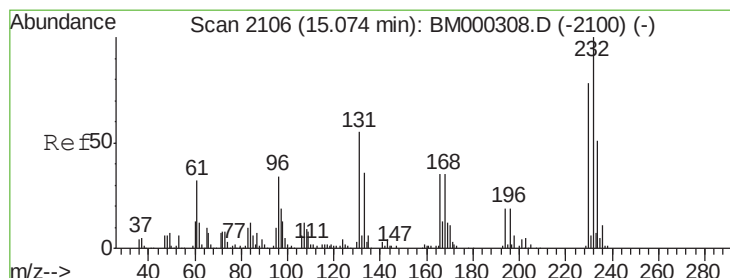
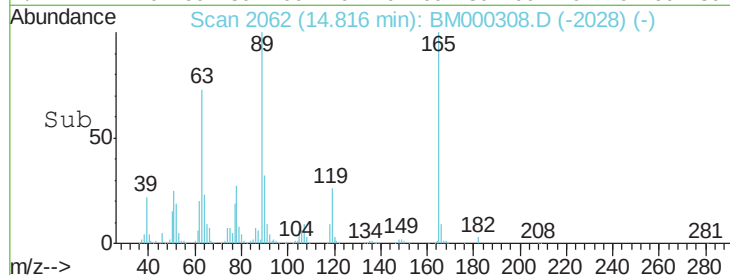
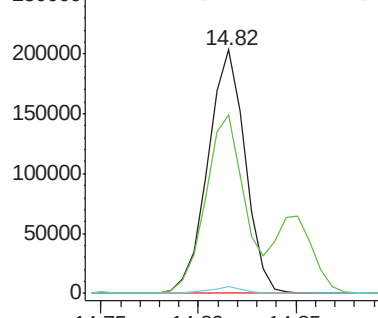
182 2.6 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.75 ng/ul

RT: 15.07 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:232 Resp: 197729

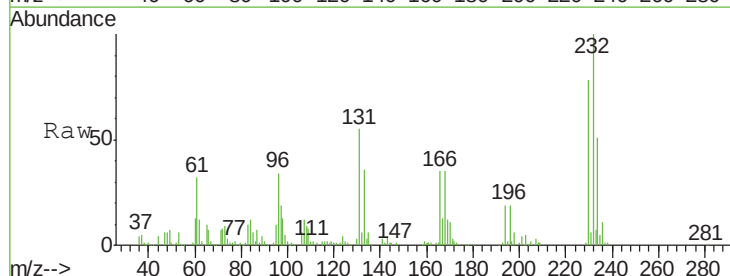
Ion Ratio Lower Upper

232 100

131 54.8 43.8 65.8

130 3.4 2.7 4.1

166 35.1 28.1 42.1

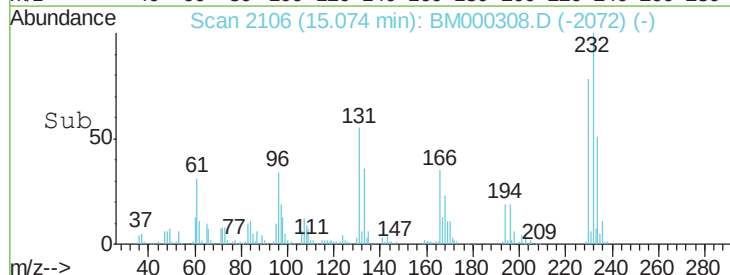
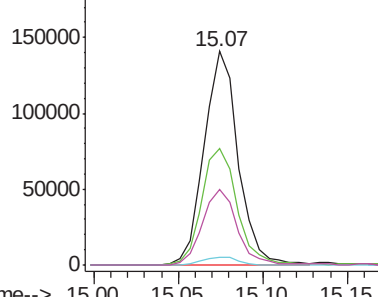


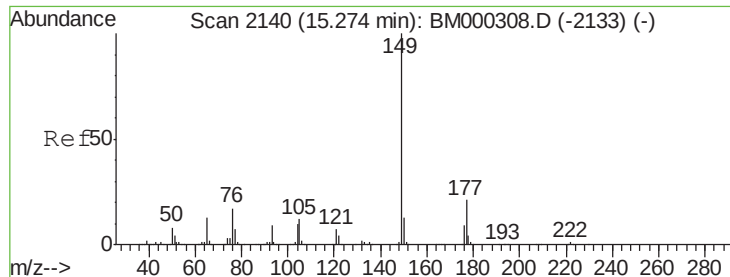
Abundance Ion 232.00 (231.70 to 232.70): E

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: 20.56 ng/ul

RT: 15.27 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

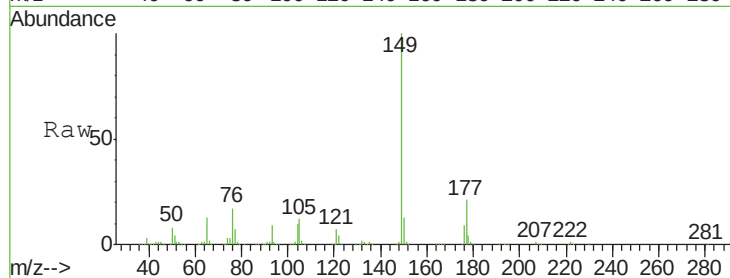
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 977338

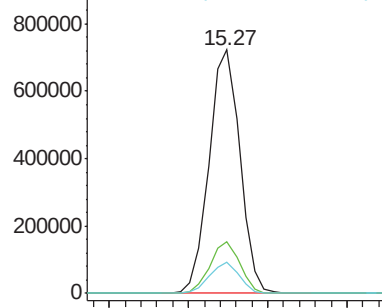
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.8	10.2	15.4



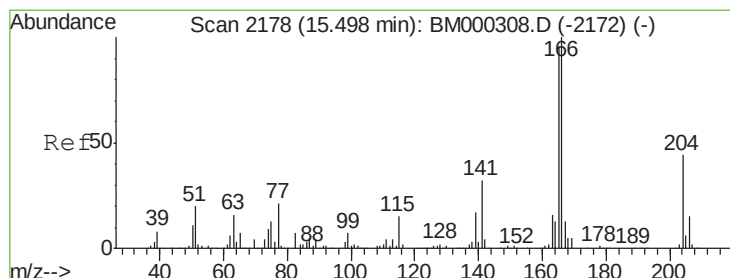
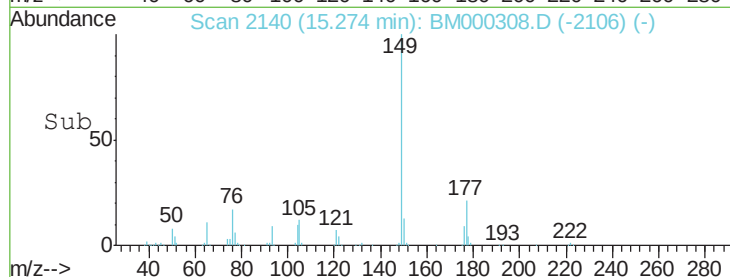
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#58

Fluorene

Concen: 20.65 ng/ul

RT: 15.50 min Scan# 2178

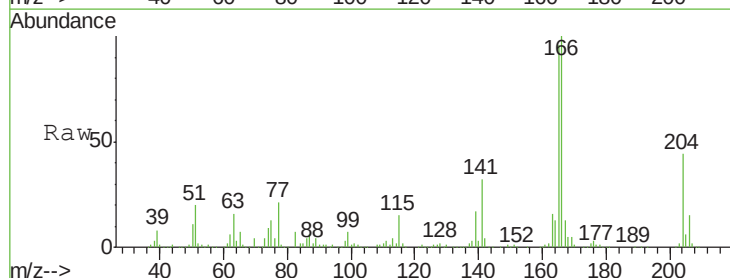
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:166 Resp: 909431

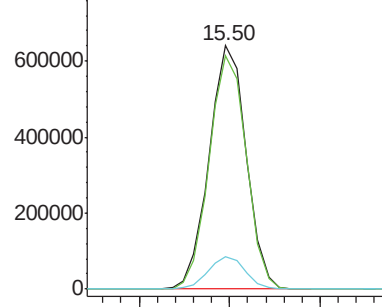
Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.6	114.8
167	13.3	10.6	16.0



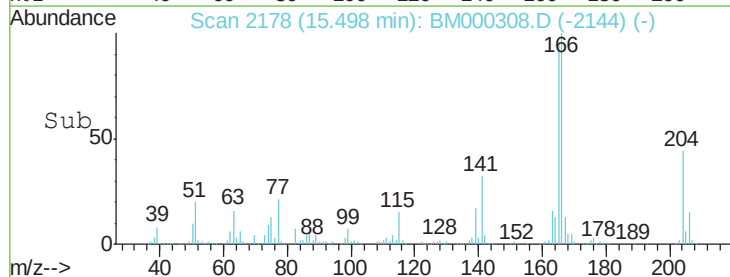
Abundance Ion 166.00 (165.70 to 166.70): E

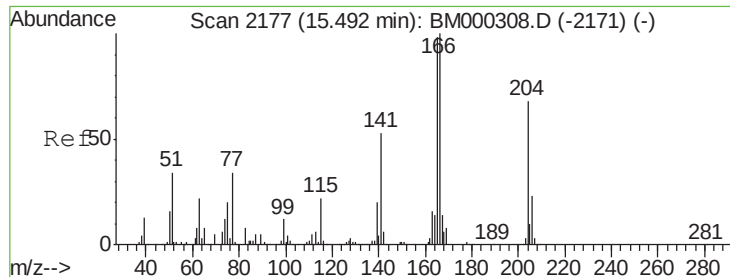
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#59

4-Chlorophenyl-phenylether

Concen: 20.95 ng/ul

RT: 15.49 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampled :

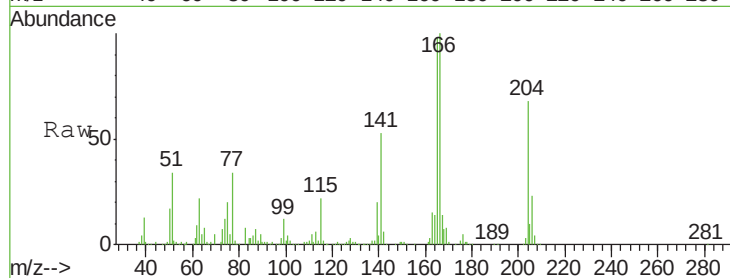
Tot Ion:204 Resp: 458139

Ion Ratio Lower Upper

204 100

206 33.7 27.0 40.4

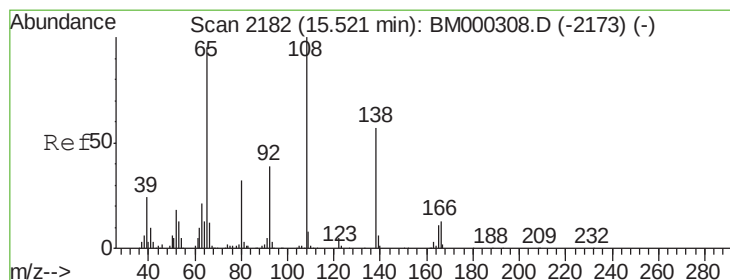
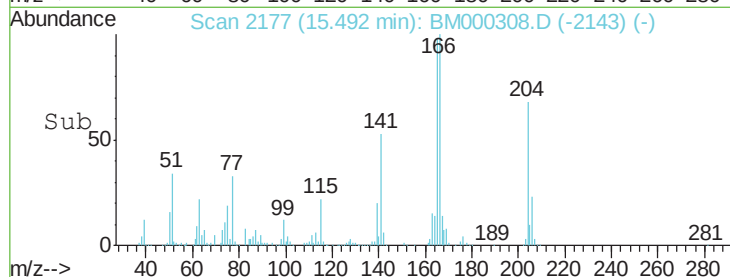
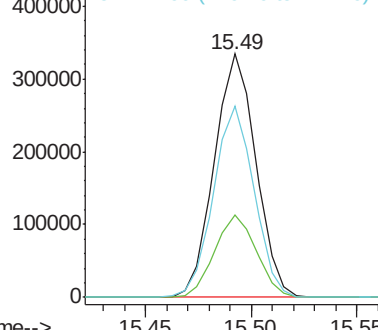
141 78.4 62.7 94.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 20.97 ng/ul

RT: 15.52 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

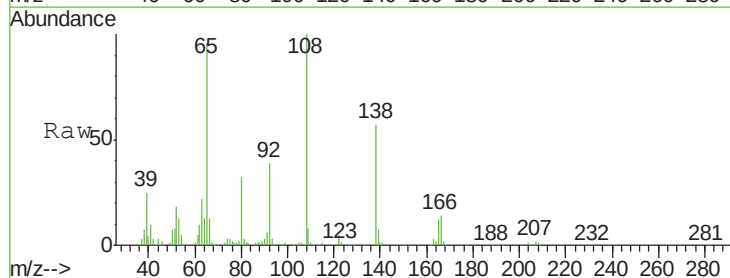
Tgt Ion:138 Resp: 196170

Ion Ratio Lower Upper

138 100

92 67.4 53.9 80.9

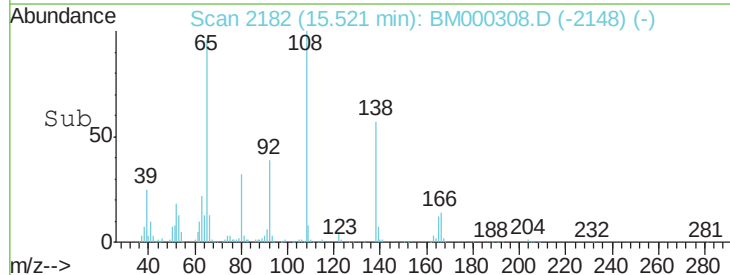
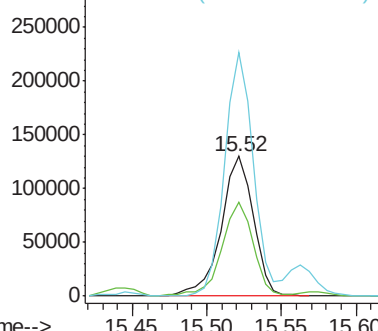
108 174.6 139.7 209.5

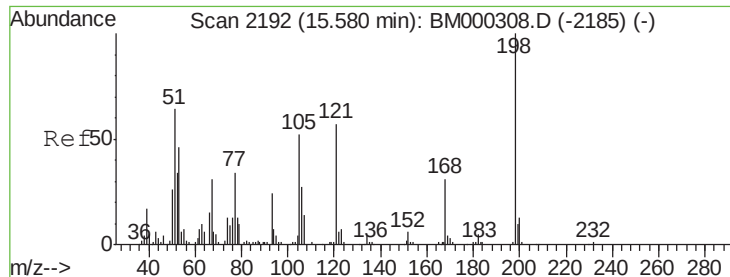


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

4,6-Dinitro-2-methylphenol

Concen: 20.19 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

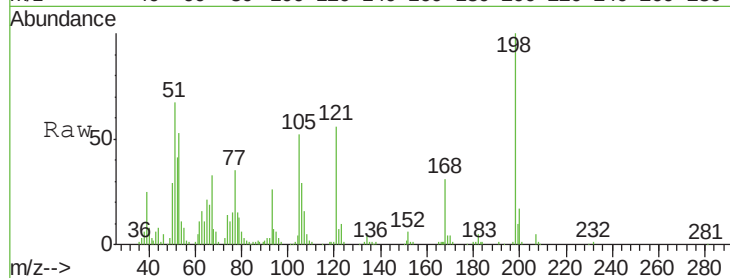
Tot Ion:198 Resp: 140253

Ion Ratio Lower Upper

198 100

182 4.7 3.8 5.6

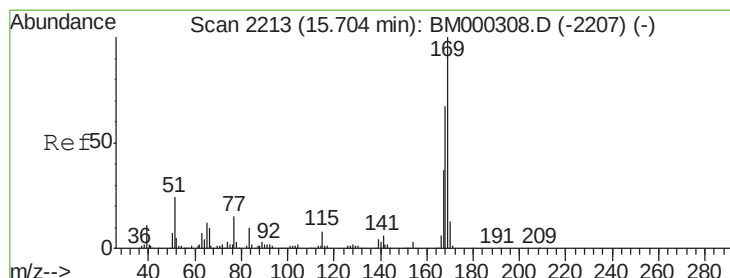
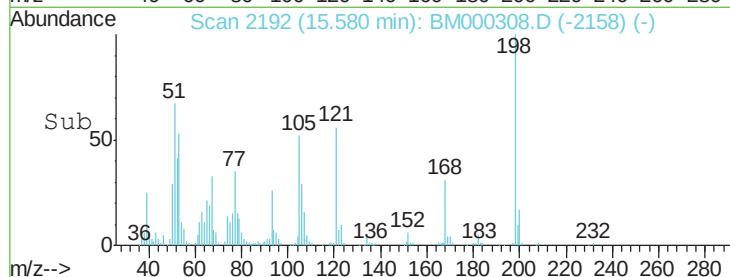
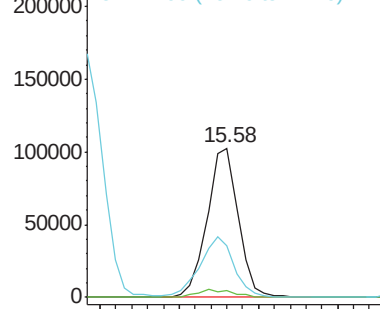
77 34.9 27.9 41.9



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): BM



#64

N-Nitrosodiphenylamine

Concen: 19.76 ng/ul

RT: 15.70 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

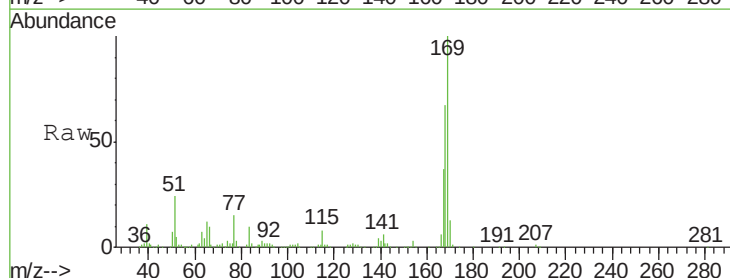
Tgt Ion:169 Resp: 762358

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.2

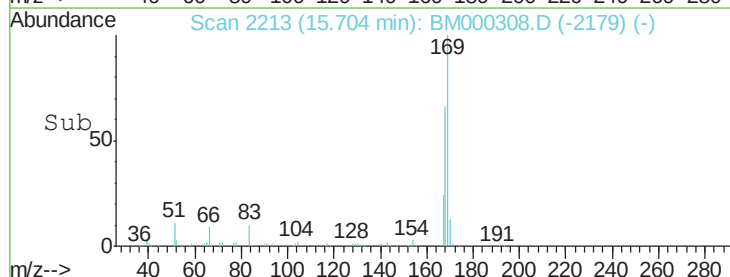
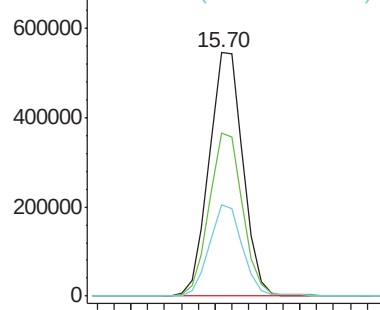
167 37.3 29.8 44.8

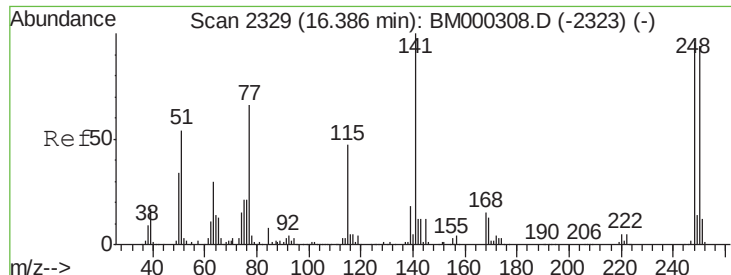


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#65

4-Bromophenyl-phenylether

Concen: 20.96 ng/ul

RT: 16.39 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

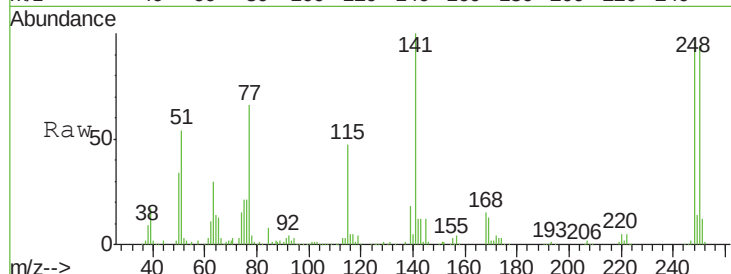
Instrument :

BNA_M

ClientSampleId :

Tot Ion:248 Resp: 289261

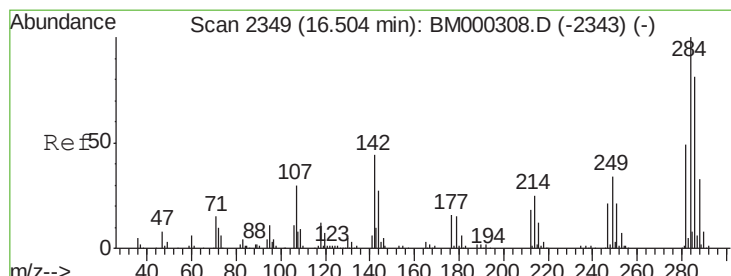
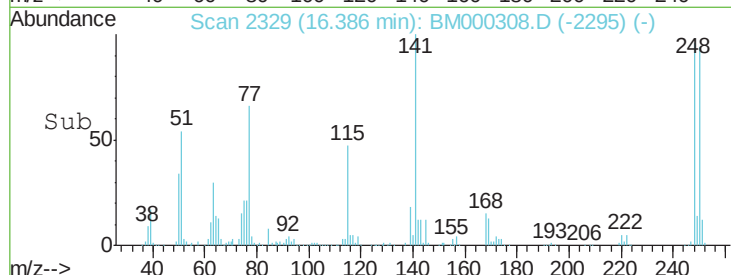
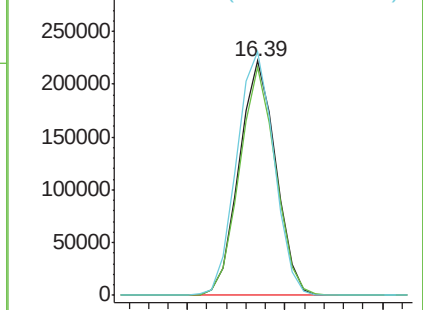
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	103.9	83.1	124.7



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 21.27 ng/ul

RT: 16.50 min Scan# 2349

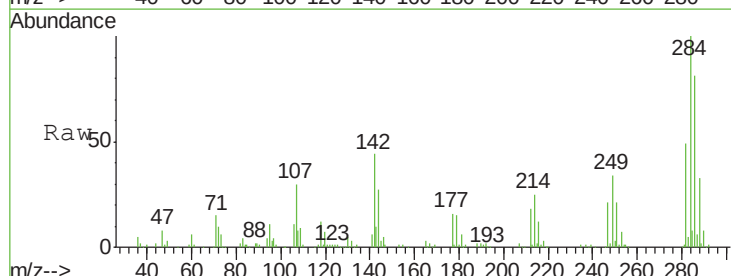
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:284 Resp: 339194

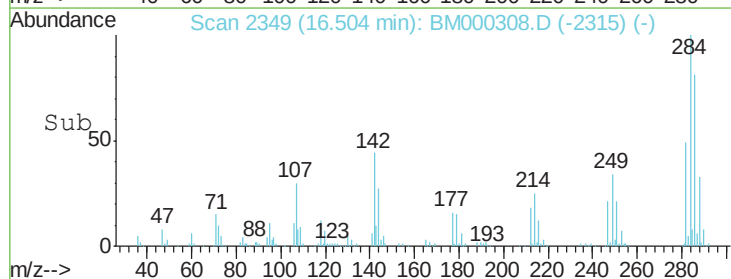
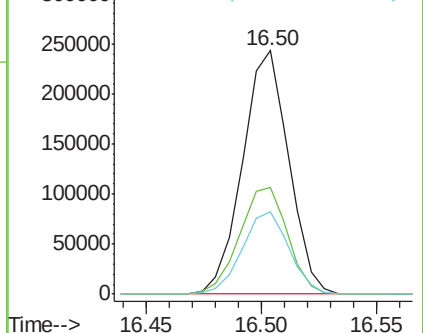
Ion	Ratio	Lower	Upper
284	100		
142	44.0	35.2	52.8
249	33.7	27.0	40.4

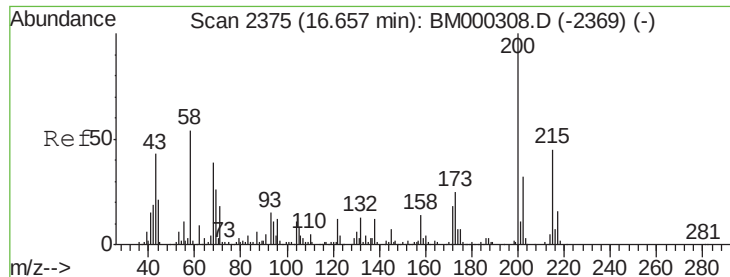


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 18.66 ng/ul

RT: 16.66 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

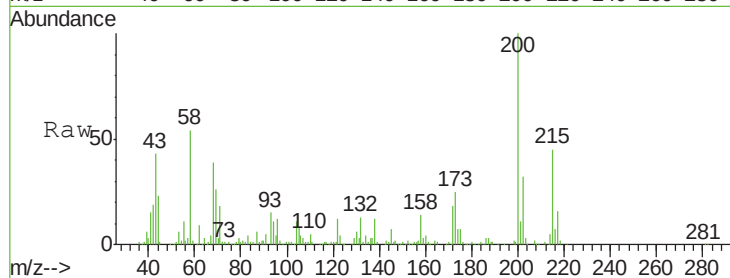
Instrument :

BNA_M

ClientSampleId :

Tot Ion:200 Resp: 279390

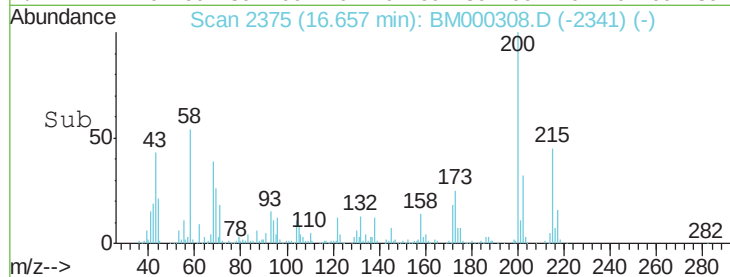
Ion	Ratio	Lower	Upper
200	100		
173	25.4	20.3	30.5
215	45.5	36.4	54.6



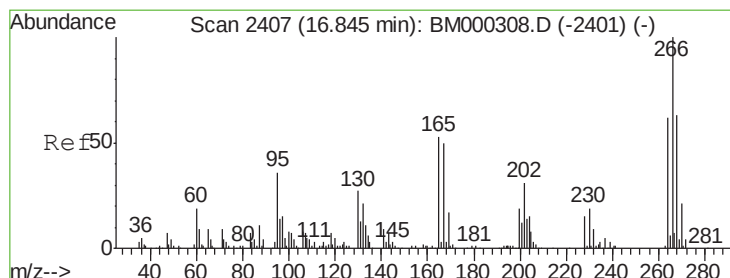
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#68

Pentachlorophenol

Concen: 17.62 ng/ul

RT: 16.84 min Scan# 2407

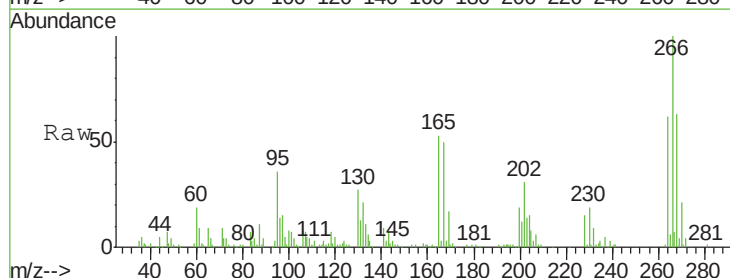
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:266 Resp: 165393

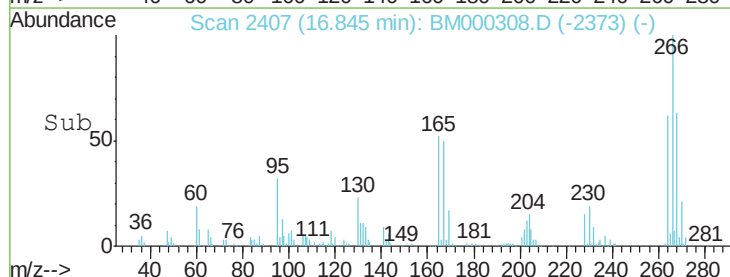
Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.4	74.0
268	63.2	50.6	75.8



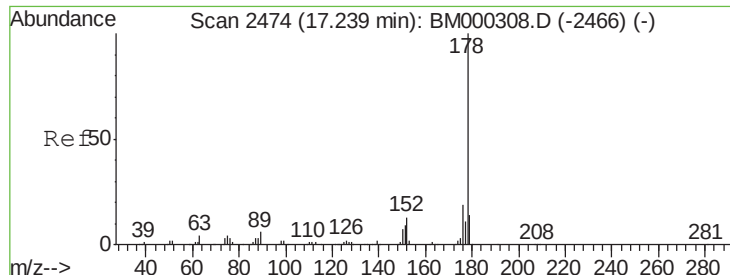
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#69

Phenanthrene

Concen: 20.82 ng/ul

RT: 17.24 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

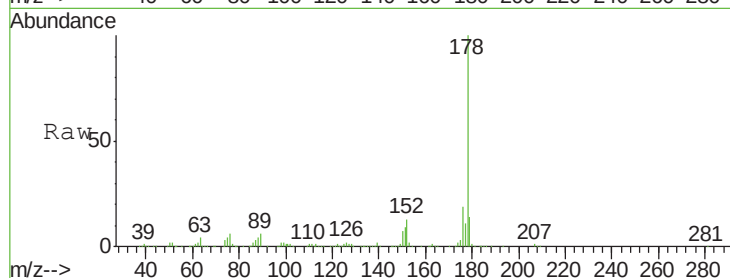
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1511247

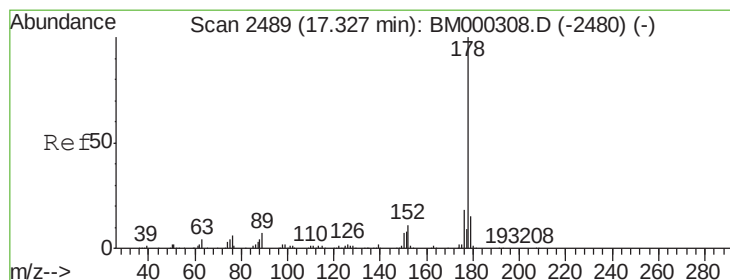
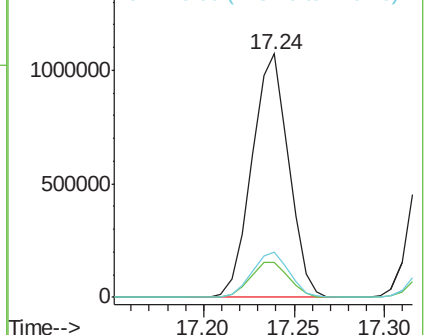
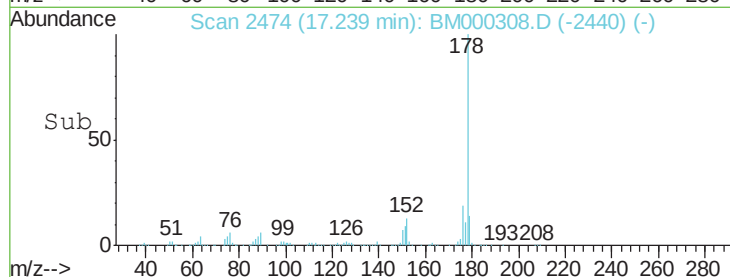
Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.4	17.0
176	18.7	15.0	22.4



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: 20.64 ng/ul

RT: 17.33 min Scan# 2489

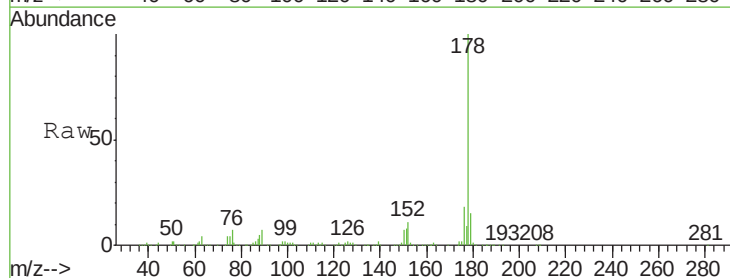
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:178 Resp: 1541754

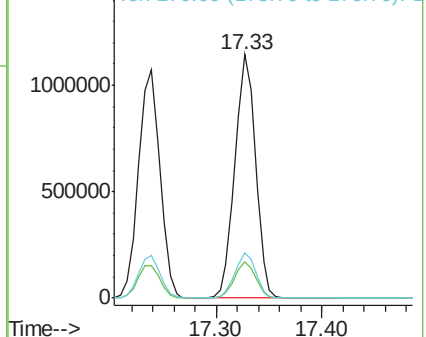
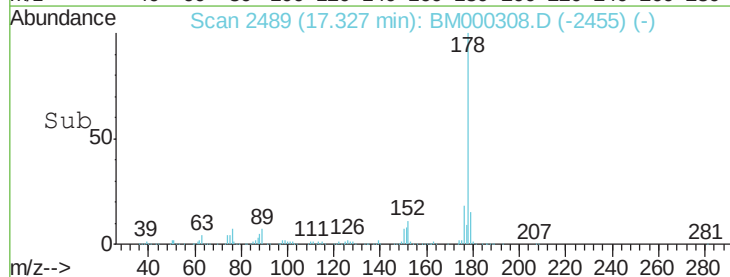
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.4	14.7	22.1

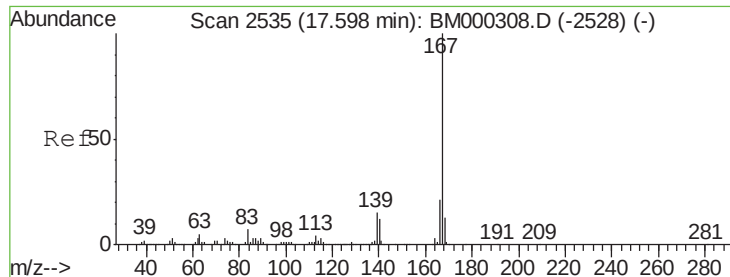


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.21 ng/ul

RT: 17.60 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

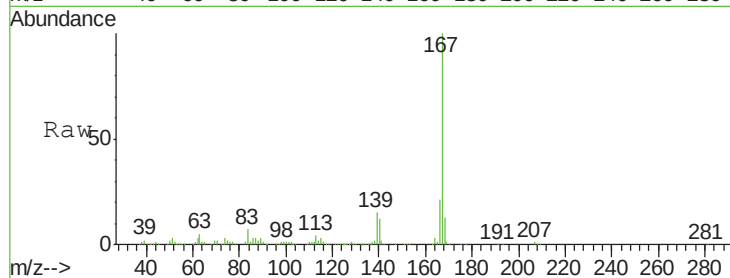
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1346775

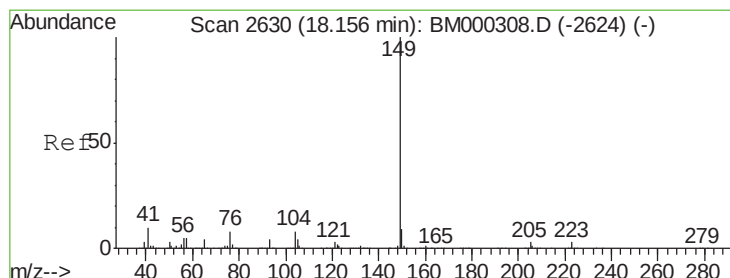
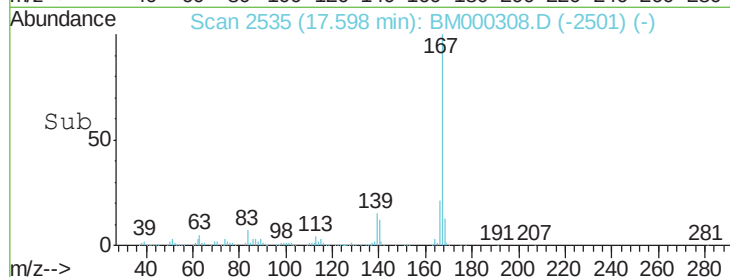
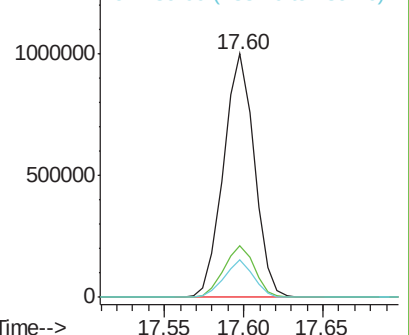
Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	15.3	12.2	18.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 19.57 ng/ul

RT: 18.16 min Scan# 2630

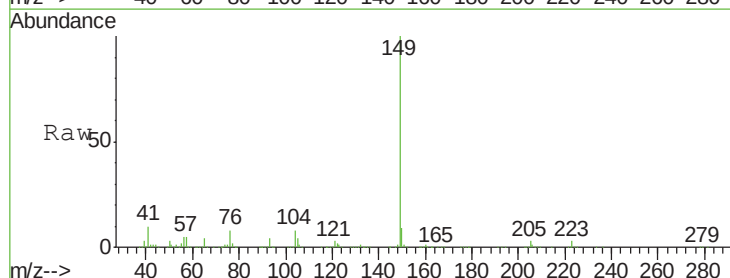
Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Tgt Ion:149 Resp: 1536734

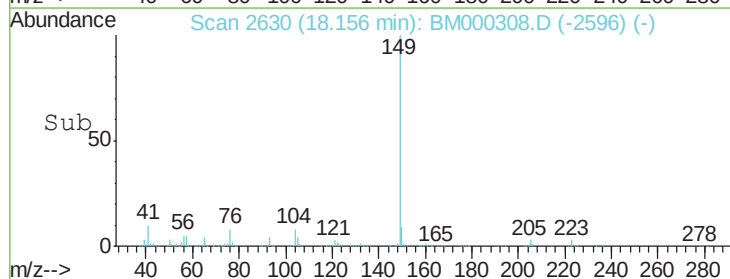
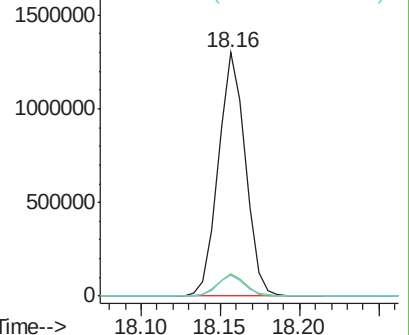
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	8.4	6.7	10.1

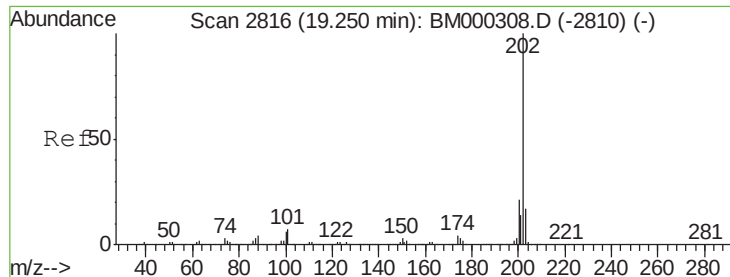


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.67 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

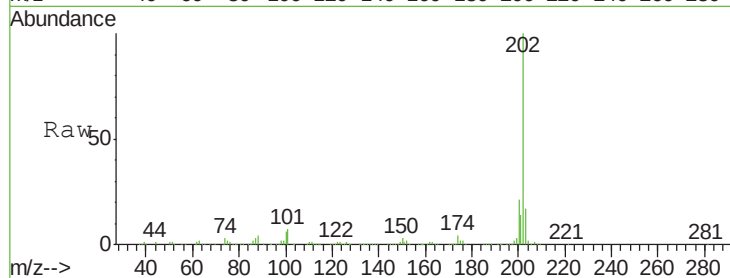
Tot Ion:202 Resp: 1808945

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.8	8.8
100	6.0	4.8	7.2

202 100

101 7.3 5.8 8.8

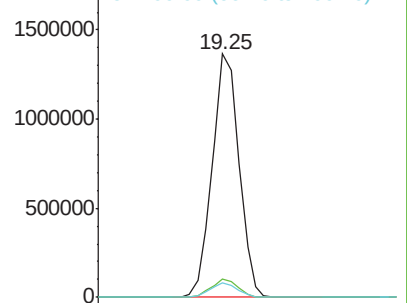
100 6.0 4.8 7.2



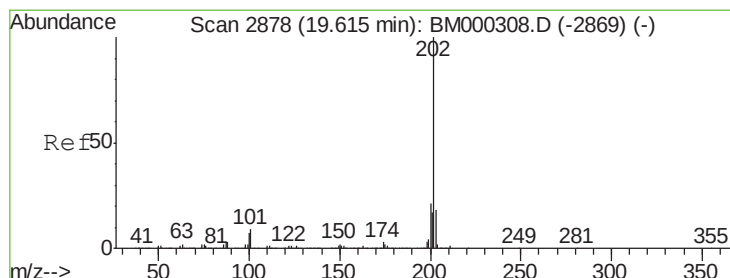
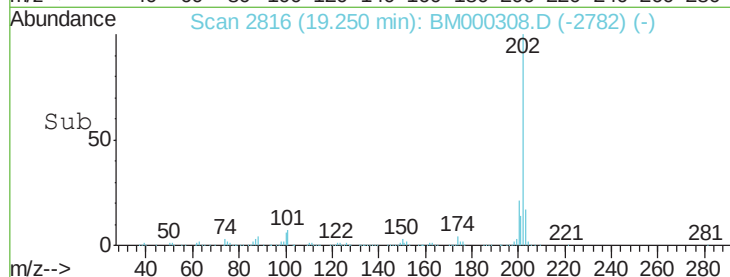
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 19.90 ng/ul

RT: 19.62 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

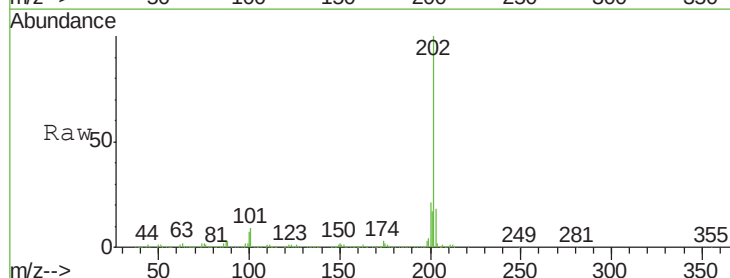
Tgt Ion:202 Resp: 1910874

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.0
100	6.9	5.5	8.3

202 100

101 9.2 7.4 11.0

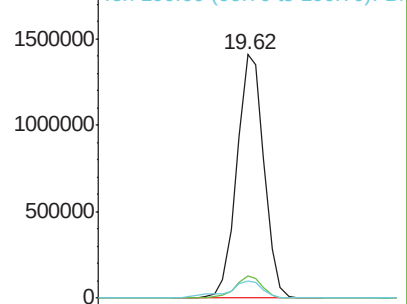
100 6.9 5.5 8.3



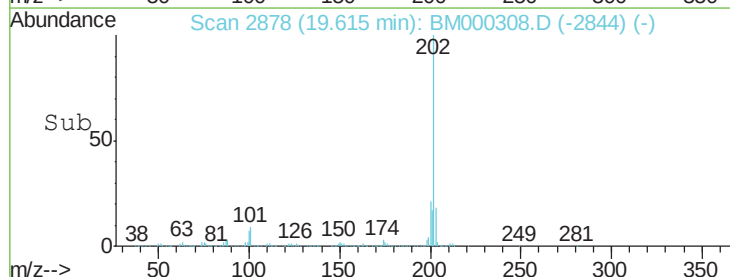
Abundance Ion 202.00 (201.70 to 202.70): E

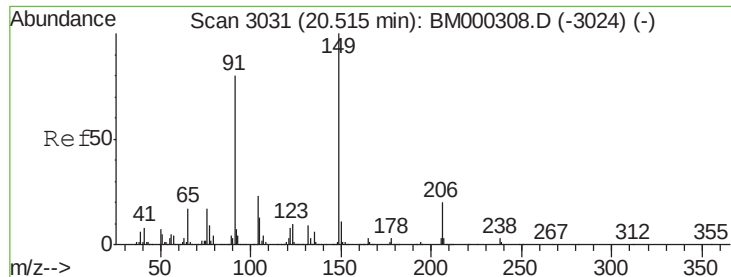
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



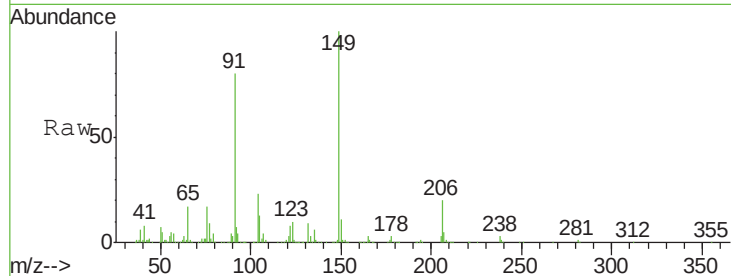


#78

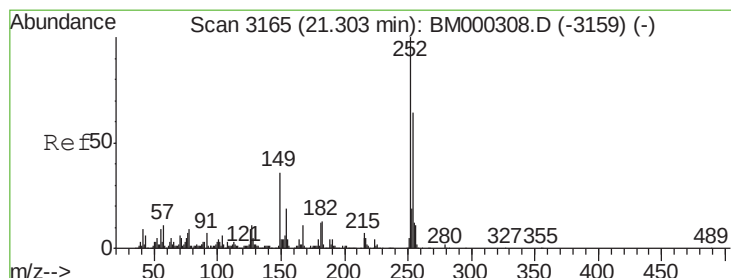
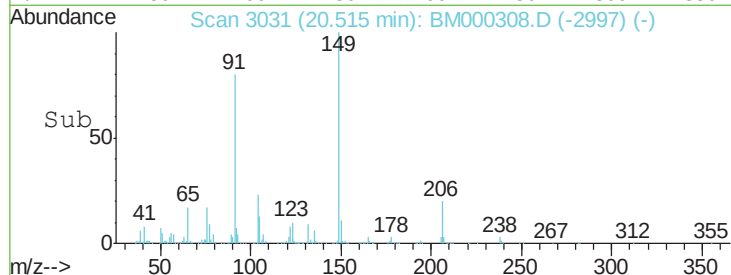
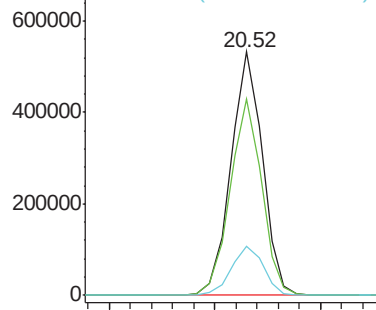
Butylbenzylphthalate
 Concen: 15.14 ng/ul
 RT: 20.52 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 555529
 Ion Ratio Lower Upper
 149 100
 91 80.4 64.3 96.5
 206 20.2 16.2 24.2



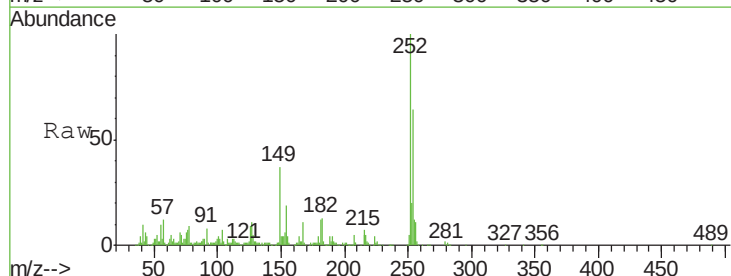
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E



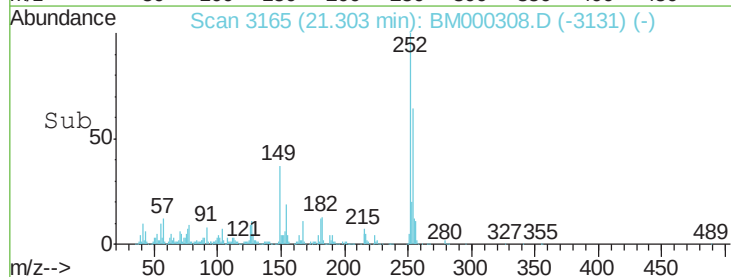
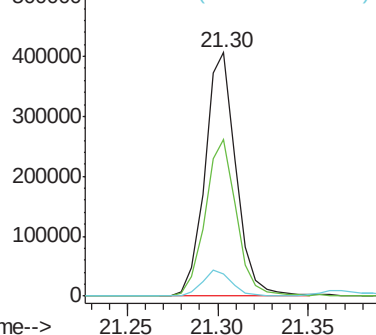
#79

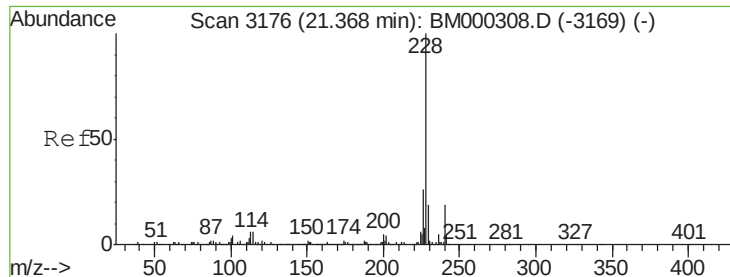
3,3'-Dichlorobenzidine
 Concen: 17.44 ng/ul
 RT: 21.30 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

Tgt Ion:252 Resp: 483020
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 9.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





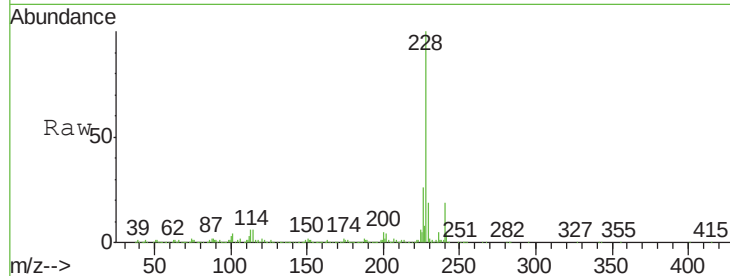
#80

Benzo(a)anthracene
 Concen: 20.23 ng/ul
 RT: 21.37 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

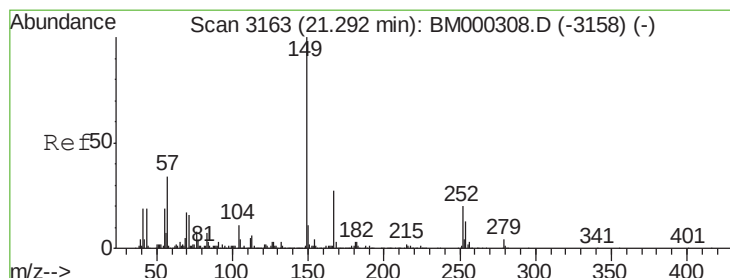
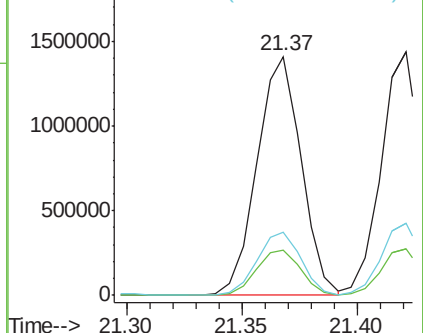
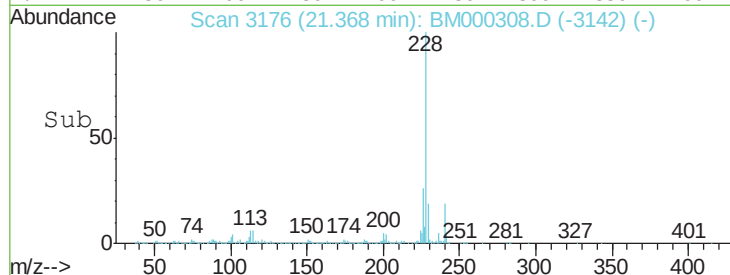
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1877268

Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.0	22.4
226	26.2	21.0	31.4



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

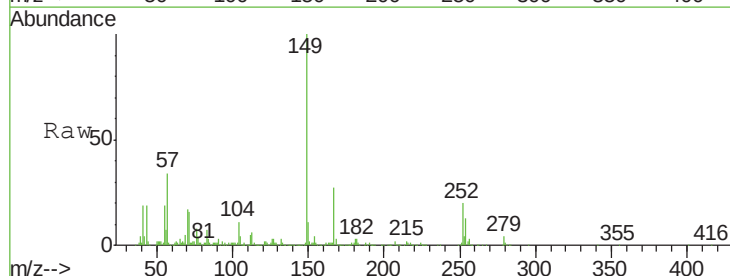


#81

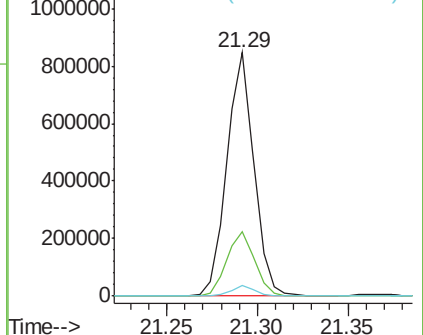
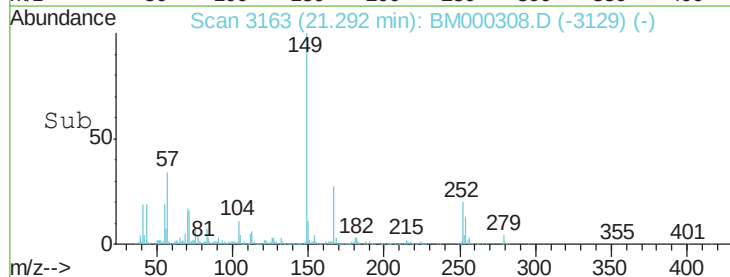
Bis(2-ethylhexyl)phthalate
 Concen: 16.37 ng/ul
 RT: 21.29 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

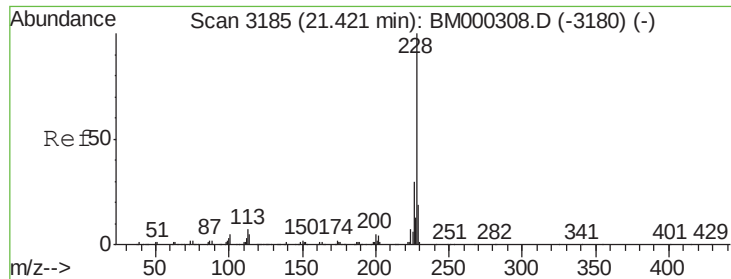
Tgt Ion:149 Resp: 881809

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	4.2	3.4	5.0



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: 20.72 ng/ul

RT: 21.42 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

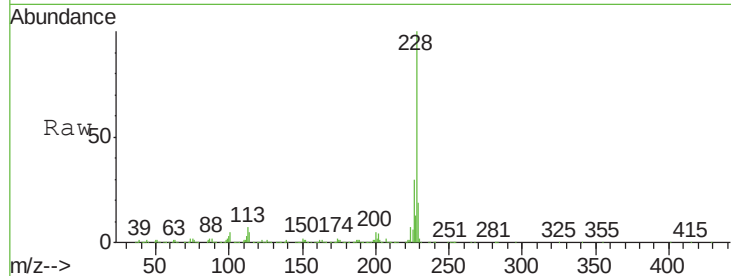
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1765961

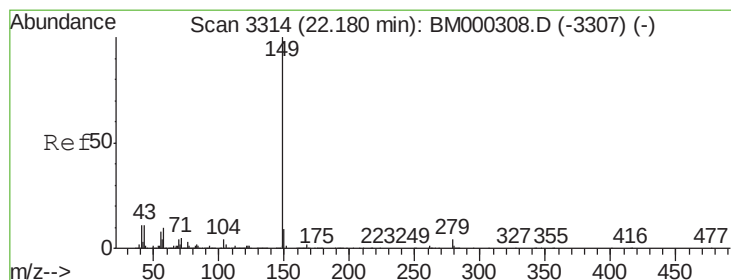
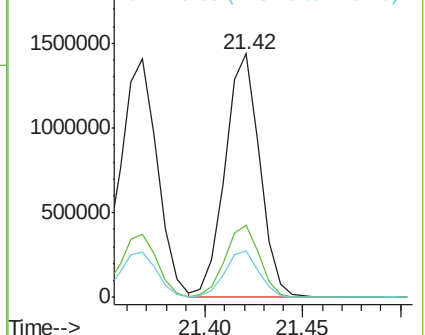
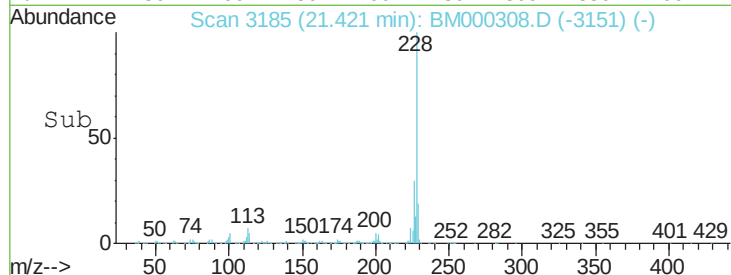
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.3	15.4	23.2



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: 15.88 ng/ul

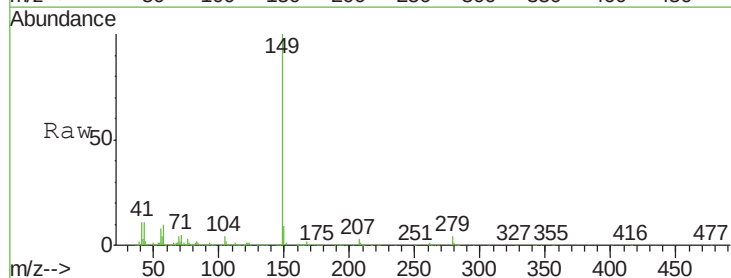
RT: 22.18 min Scan# 3314

Delta R.T. 0.00 min

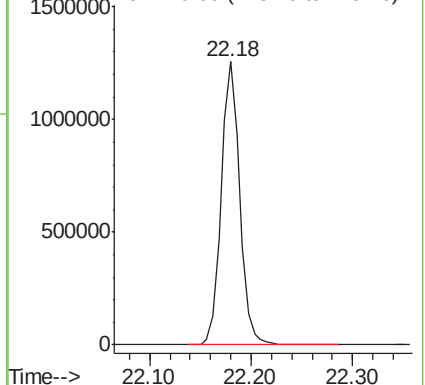
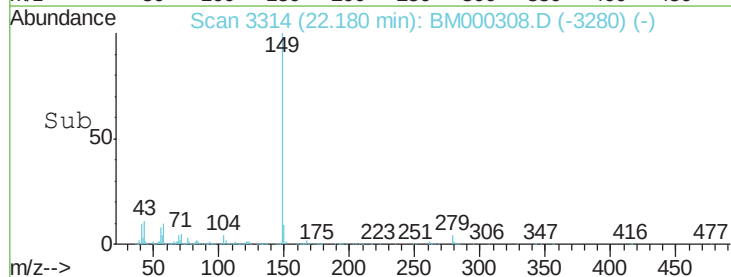
Lab File: BM000308.D

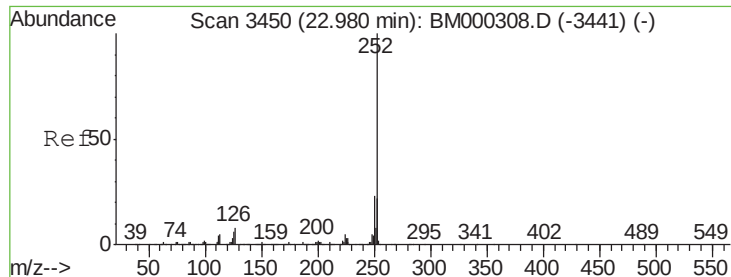
Acq: 23 Jan 2015 23:07

Tgt Ion:149 Resp: 1583731



Abundance Ion 149.00 (148.70 to 149.70): E



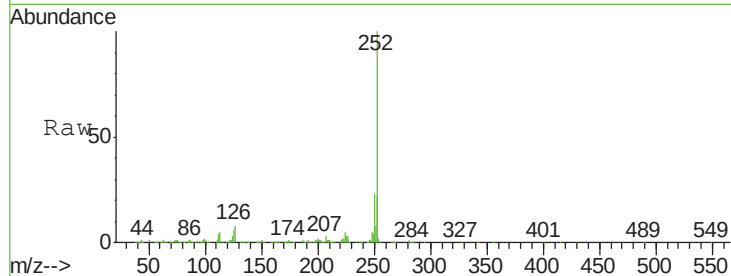


#85

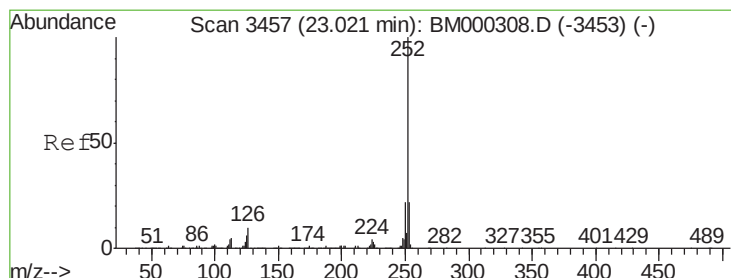
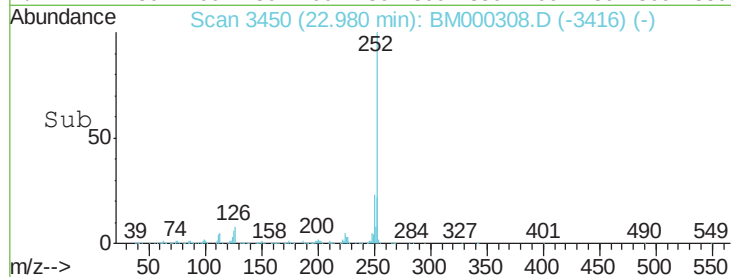
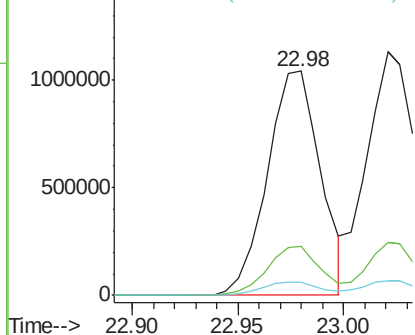
Benzo(b)fluoranthene
 Concen: 19.18 ng/ul
 RT: 22.98 min Scan# 3450
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 1823613
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 5.8 4.6 7.0



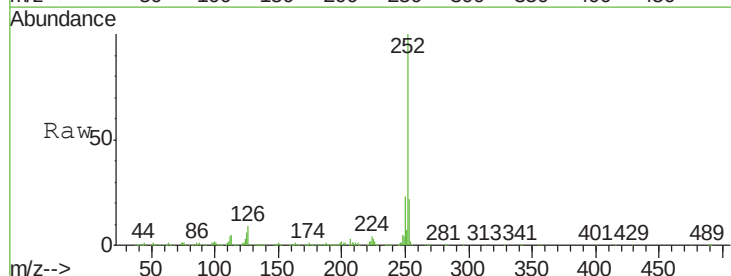
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E



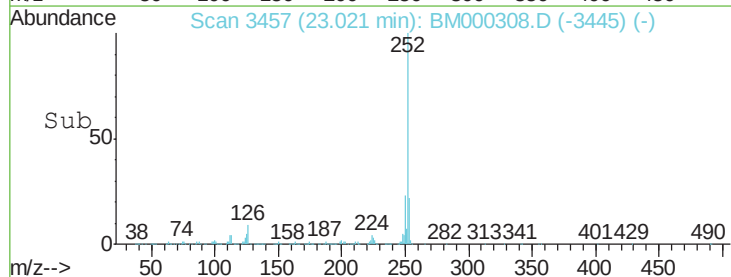
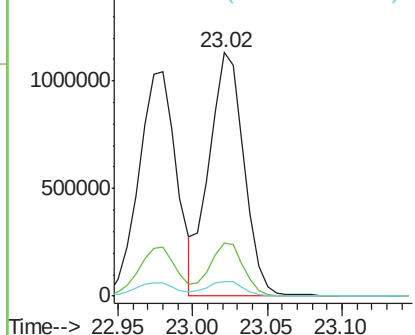
#86

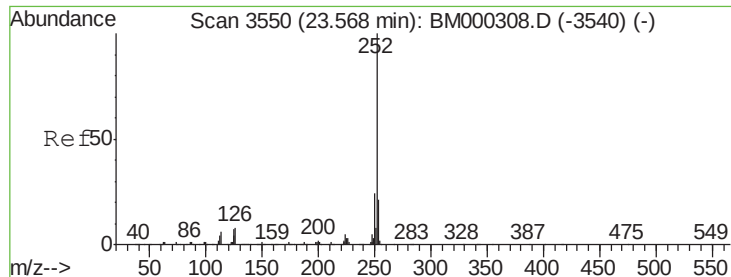
Benzo(k)fluoranthene
 Concen: 21.75 ng/ul
 RT: 23.02 min Scan# 3457
 Delta R.T. 0.00 min
 Lab File: BM000308.D
 Acq: 23 Jan 2015 23:07

Tgt Ion:252 Resp: 1842355
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 5.8 4.6 7.0



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





#88

Benzo(a)pyrene

Concen: 20.57 ng/ul

RT: 23.57 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

Instrument :

BNA_M

ClientSampleId :

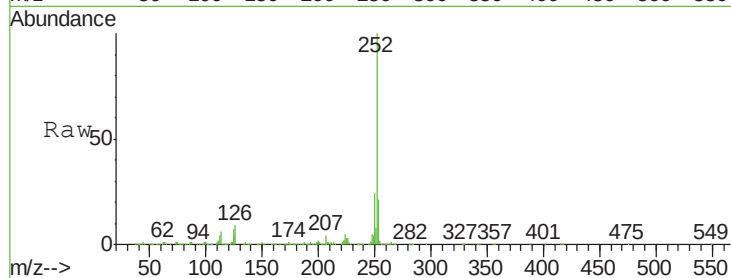
Tot Ion:252 Resp: 1752004

Ion Ratio Lower Upper

252 100

253 21.0 16.8 25.2

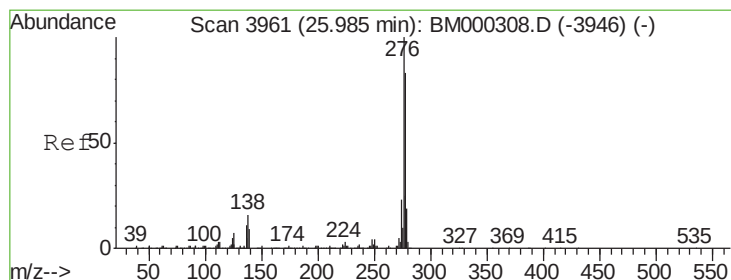
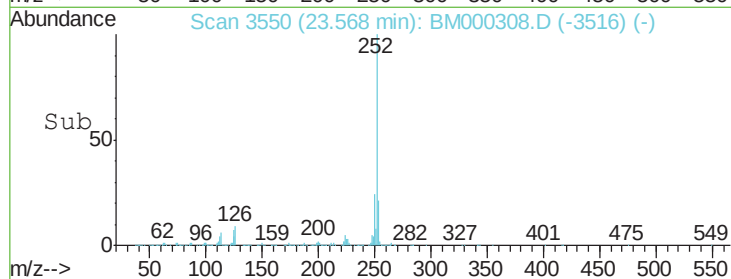
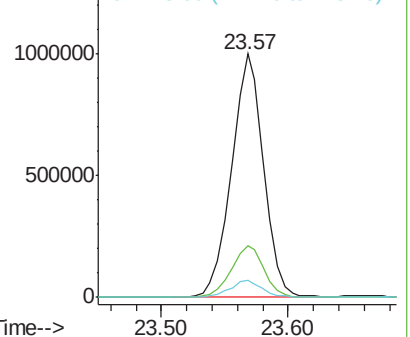
125 6.8 5.4 8.2



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.95 ng/ul

RT: 25.99 min Scan# 3961

Delta R.T. 0.00 min

Lab File: BM000308.D

Acq: 23 Jan 2015 23:07

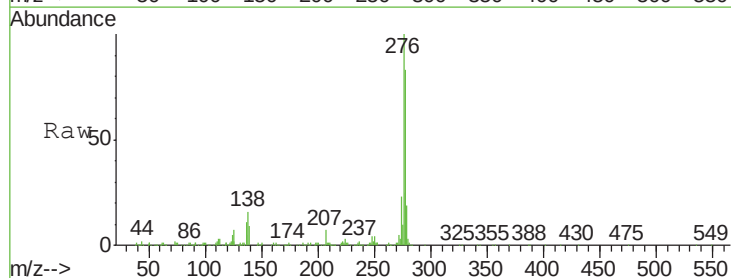
Tgt Ion:276 Resp: 1890857

Ion Ratio Lower Upper

276 100

138 16.0 12.8 19.2

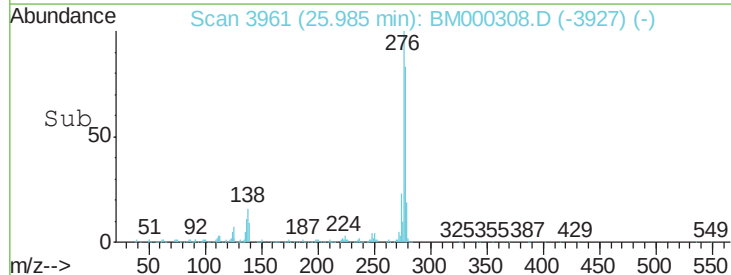
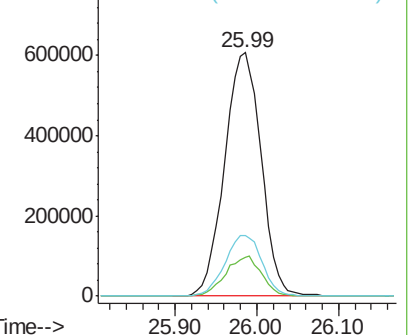
277 24.9 19.9 29.9

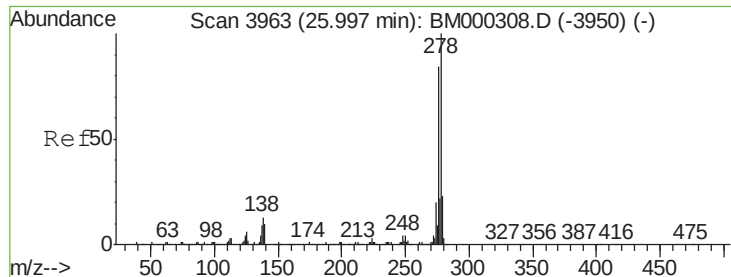


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



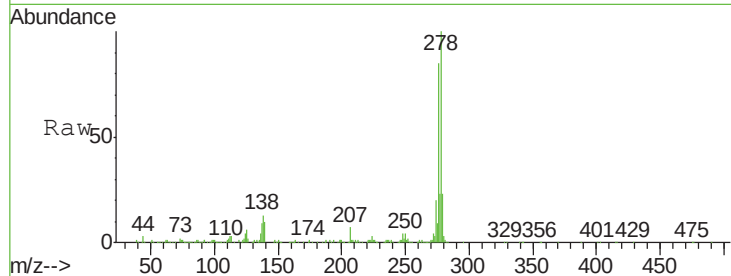


#90

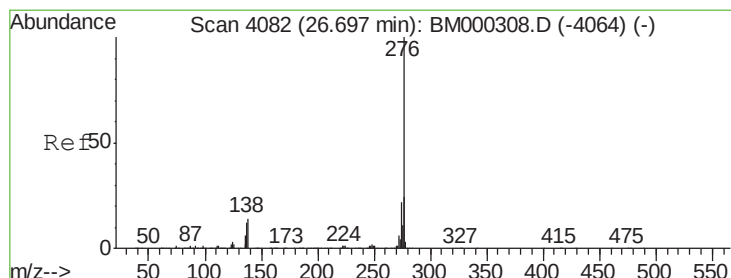
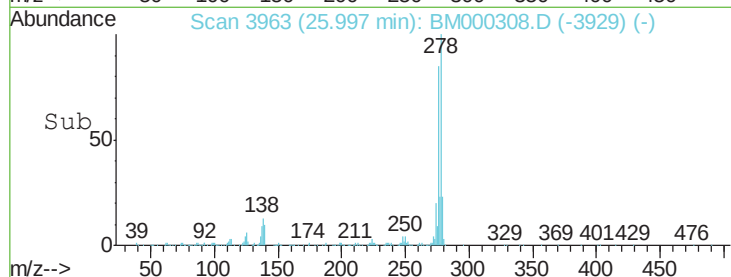
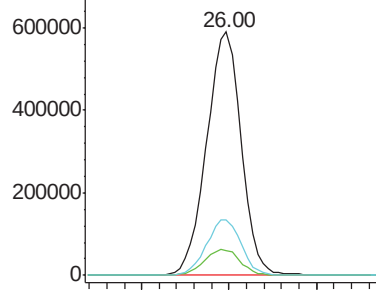
Dibenzo(a,h)anthracene
Concen: 20.88 ng/ul
RT: 26.00 min Scan# 3963
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1582835
Ion Ratio Lower Upper
278 100
139 10.2 8.2 12.2
279 22.7 18.2 27.2



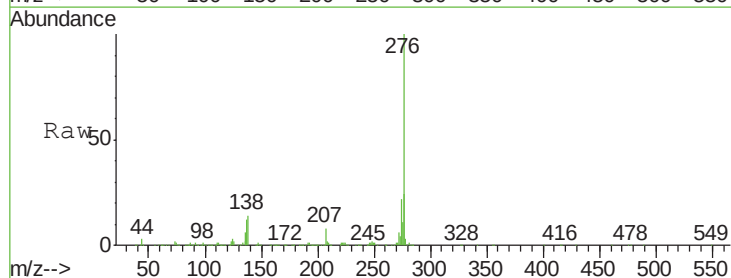
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene
Concen: 20.84 ng/ul
RT: 26.70 min Scan# 4082
Delta R.T. 0.00 min
Lab File: BM000308.D
Acq: 23 Jan 2015 23:07

Tgt Ion:276 Resp: 1545968
Ion Ratio Lower Upper
276 100
138 14.3 11.4 17.2
277 24.2 19.4 29.0



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

