

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060115\
 Data File : BM001509.D
 Acq On : 01 Jun 2015 20:14
 Operator : TP/IZ
 Sample : SSTD00561
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00561

Quant Time: Jun 02 01:36:08 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 01:26:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	98328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	382327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	229062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	519315	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	590659	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	566104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	6173	3.02	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.24	132	30532	5.13	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.87	128	12012	4.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	11972	4.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	30240	5.22	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.78	166	84102	5.20	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	111656	5.08	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.36	176	80659	5.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.21	188	119532	5.00	ng/ul	0.00
76) Pyrene-d10	19.50	212	131182	5.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	124290	4.95	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.23	88	4694	2.06	ng/uL#	76
10) 2-Chlorophenol	7.27	128	31100	4.99	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.52	70	26298	5.38	ng/ul	97
17) Hexachloroethane	8.79	117	13321	5.03	ng/ul	98
20) Nitrobenzene	8.92	77	34732	5.14	ng/ul	99
21) Isophorone	9.44	82	66934	5.59	ng/ul	99
23) 2-Nitrophenol	9.62	139	12626	4.07	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	36990	5.42	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	40588	5.41	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	27938	4.93	ng/ul	99
28) Naphthalene	10.56	128	97015	4.93	ng/ul	98
31) Hexachlorobutadiene	10.84	225	22410	5.76	ng/ul	92
33) 4-Chloro-3-methylphenol	11.79	107	33312	5.44	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	69780	4.93	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	40047	5.58	ng/ul	96
38) 2,4,6-Trichlorophenol	12.79	196	22853	5.21	ng/ul	97
39) 2,4,5-Trichlorophenol	12.85	196	23992	4.99	ng/ul	100
40) 1,1'-Biphenyl	13.20	154	92456	5.01	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	72766	5.09	ng/ul	97
42) 2-Nitroaniline	13.44	65	16514	4.29	ng/ul	95
44) Dimethylphthalate	13.83	163	92056	5.06	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	14021	4.20	ng/ul	99
47) Acenaphthylene	14.09	152	115539	4.96	ng/ul	98

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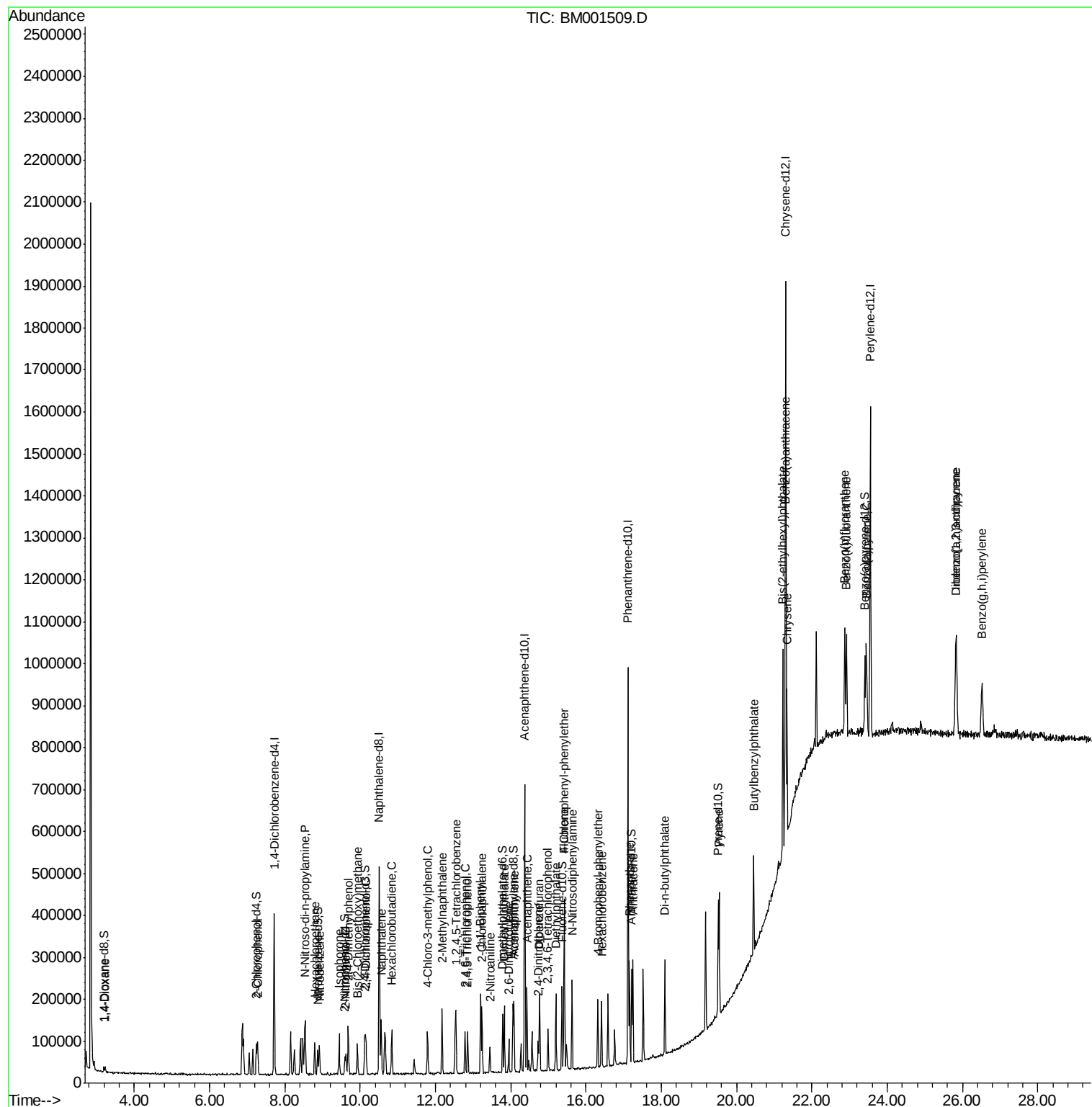
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.43	153	75789	4.85	ng/ul	99
53) Dibenzofuran	14.76	168	108572	4.87	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	18528	3.70	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.99	232	20868	5.03	ng/ul#	96
56) Diethylphthalate	15.20	149	92678	4.93	ng/ul	98
58) Fluorene	15.42	166	90553	4.83	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	46895	5.04	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	77063	5.07	ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	28398	5.40	ng/ul	95
66) Hexachlorobenzene	16.41	284	31192	5.32	ng/ul	97
69) Phenanthrene	17.15	178	139699	4.85	ng/ul	99
71) Anthracene	17.24	178	145779	4.91	ng/ul	99
73) Di-n-butylphthalate	18.09	149	157450	4.95	ng/ul	100
77) Pyrene	19.53	202	172827	4.88	ng/ul	99
78) Butylbenzylphthalate	20.45	149	68051	4.87	ng/ul	95
80) Benzo(a)anthracene	21.28	228	174314	5.03	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.23	149	99896	4.60	ng/ul	99
82) Chrysene	21.33	228	163717	5.04	ng/ul	99
85) Benzo(b)fluoranthene	22.87	252	169788	4.90	ng/ul	99
86) Benzo(k)fluoranthene	22.91	252	157045	4.75	ng/ul	99
88) Benzo(a)pyrene	23.44	252	158624	4.89	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.82	276	182285	5.21	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	155018	5.26	ng/ul	98
91) Benzo(g,h,i)perylene	26.51	276	153922	5.29	ng/ul	98

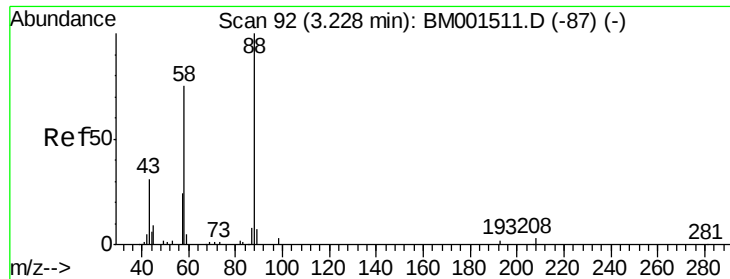
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.06 ng/uL

RT: 3.23 min Scan# 92

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

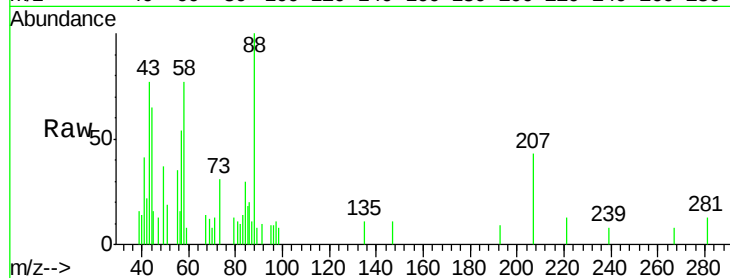
Tot Ion: 88 Resp: 4694

Ion Ratio Lower Upper

88 100

43 40.9 27.2 40.8#

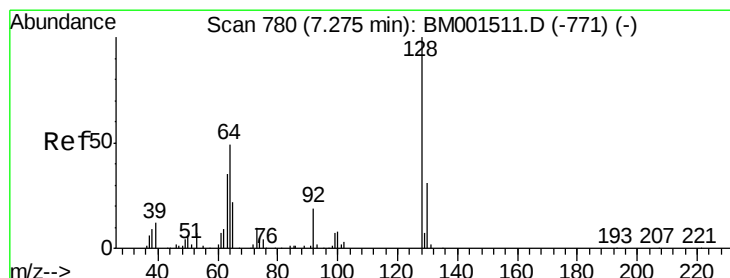
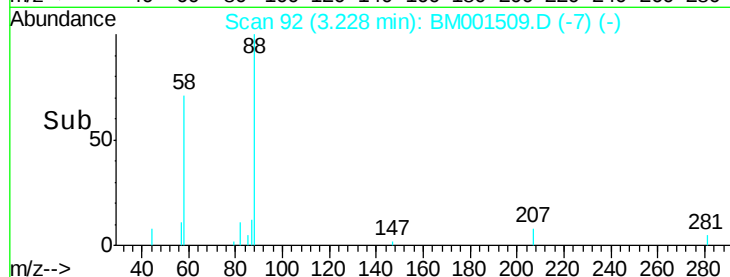
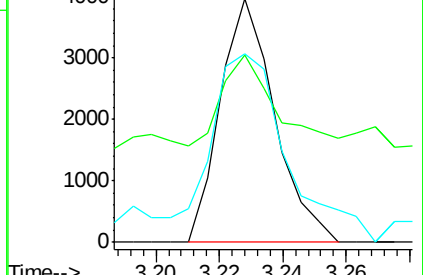
58 108.4 65.8 98.8#



Abundance Ion 88.00 (87.70 to 88.70): BM001511.D (-87) (-)

Ion 43.00 (42.70 to 43.70): BM001511.D (-87) (-)

Ion 58.00 (57.70 to 58.70): BM001511.D (-87) (-)



#10

2-Chlorophenol

Concen: 4.99 ng/uL

RT: 7.27 min Scan# 780

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

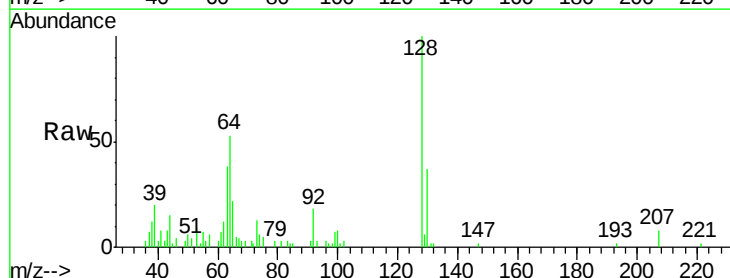
Tgt Ion:128 Resp: 31100

Ion Ratio Lower Upper

128 100

64 52.7 39.6 59.4

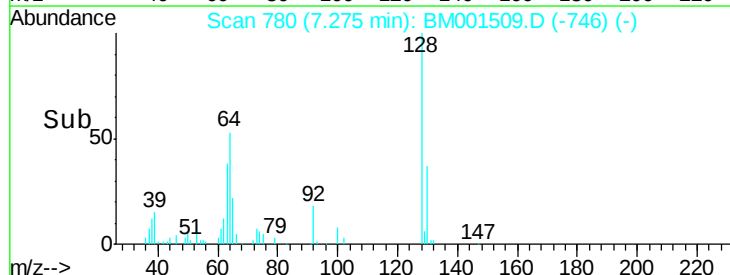
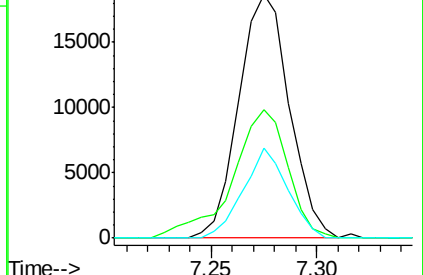
130 37.1 24.7 37.1#

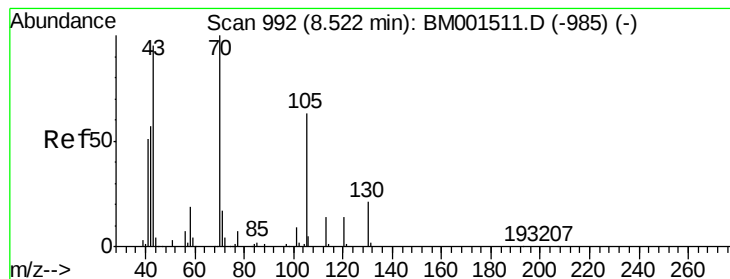


Abundance Ion 128.00 (127.70 to 128.70): BM001511.D (-771) (-)

Ion 64.00 (63.70 to 64.70): BM001511.D (-771) (-)

Ion 130.00 (129.70 to 130.70): BM001511.D (-771) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 5.38 ng/ul

RT: 8.52 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

Tot Ion: 70 Resp: 26298

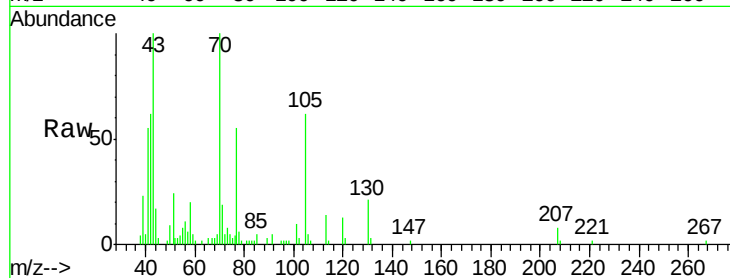
Ion Ratio Lower Upper

70 100

42 61.7 47.4 71.0

101 10.1 7.2 10.8

130 20.6 16.5 24.7



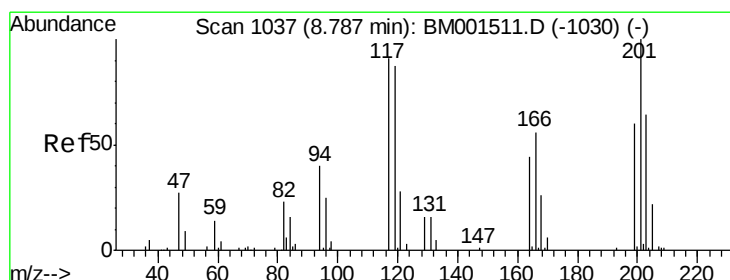
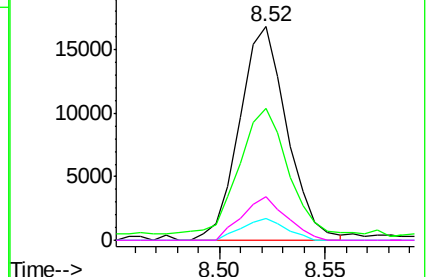
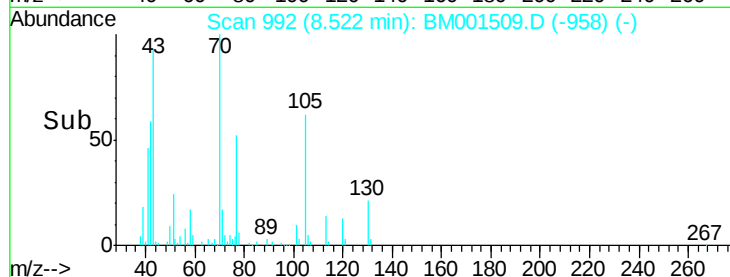
Abundance Ion 70.00 (69.70 to 70.70): BM001511.D (-985) (-)

Ion 42.00 (41.70 to 42.70): BM001511.D (-985) (-)

Ion 101.00 (100.70 to 101.70): BM001511.D (-985) (-)

Ion 130.00 (129.70 to 130.70): BM001511.D (-985) (-)

Time-->



#17

Hexachloroethane

Concen: 5.03 ng/ul

RT: 8.79 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

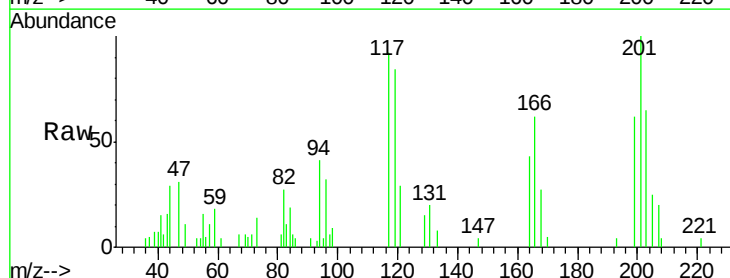
Tgt Ion: 117 Resp: 13321

Ion Ratio Lower Upper

117 100

201 108.6 88.1 132.1

199 67.4 52.4 78.6

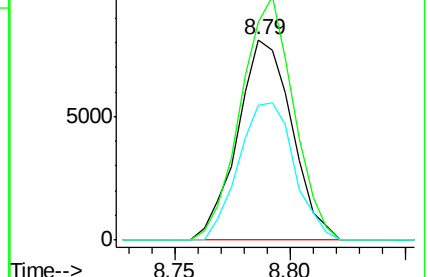
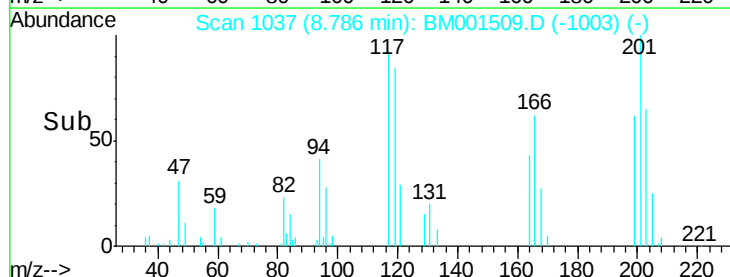


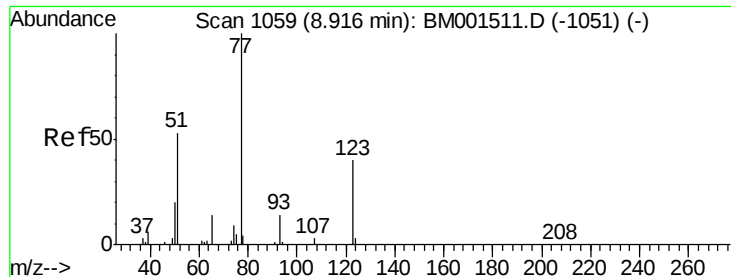
Abundance Ion 117.00 (116.70 to 117.70): BM001511.D (-1030) (-)

Ion 201.00 (200.70 to 201.70): BM001511.D (-1030) (-)

Ion 199.00 (198.70 to 199.70): BM001511.D (-1030) (-)

Time-->





#20

Nitrobenzene

Concen: 5.14 ng/ul

RT: 8.92 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

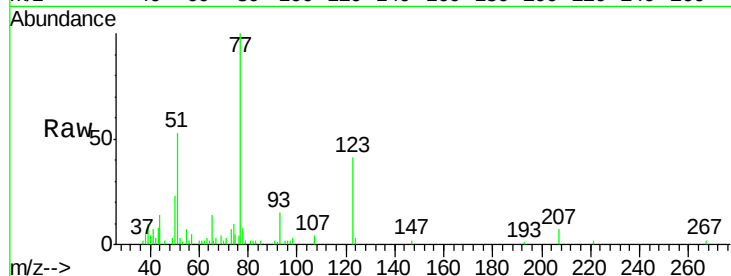
Tot Ion: 77 Resp: 34732

Ion Ratio Lower Upper

77 100

123 40.6 32.2 48.2

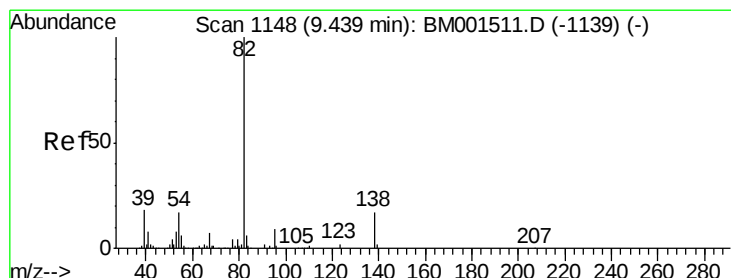
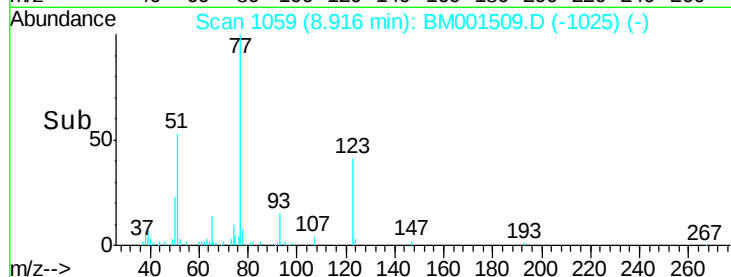
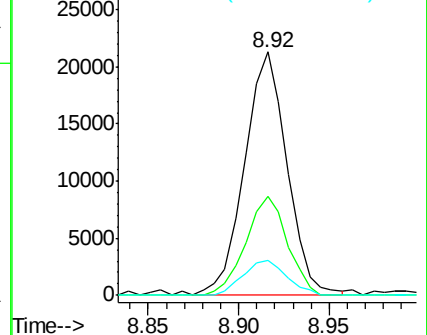
65 14.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BM001509.D (-1025) (-)

Ion 123.00 (122.70 to 123.70): BM001509.D (-1025) (-)

Ion 65.00 (64.70 to 65.70): BM001509.D (-1025) (-)



#21

Isophorone

Concen: 5.59 ng/ul

RT: 9.44 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

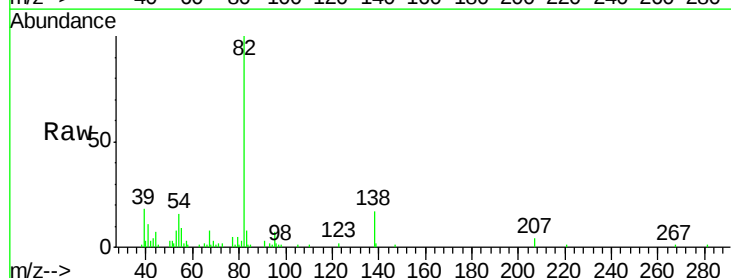
Tgt Ion: 82 Resp: 66934

Ion Ratio Lower Upper

82 100

95 7.3 7.0 10.4

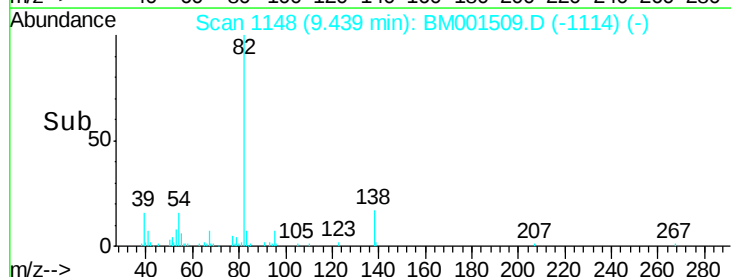
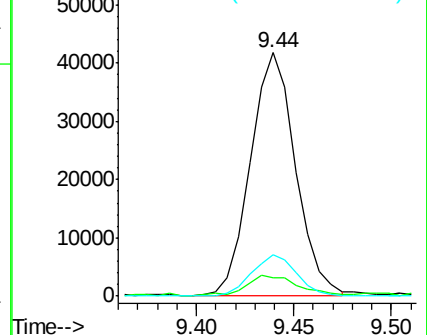
138 17.1 13.8 20.6

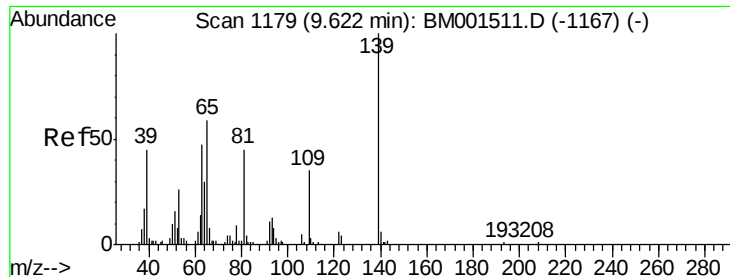


Abundance Ion 82.00 (81.70 to 82.70): BM001509.D (-1114) (-)

Ion 95.00 (94.70 to 95.70): BM001509.D (-1114) (-)

Ion 138.00 (137.70 to 138.70): BM001509.D (-1114) (-)





#23

2-Nitrophenol

Concen: 4.07 ng/ul

RT: 9.62 min Scan# 1179

Delta R.T. -0.00 min

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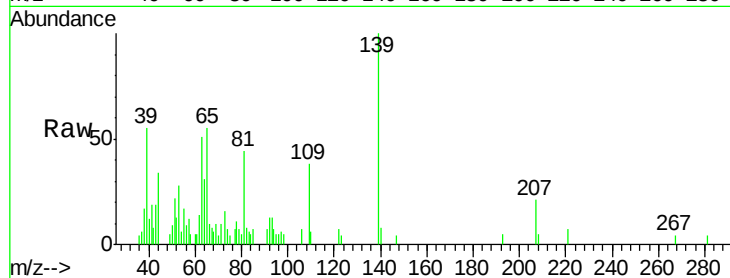
Tot Ion:139 Resp: 12626

Ion Ratio Lower Upper

139 100

65 55.2 46.8 70.2

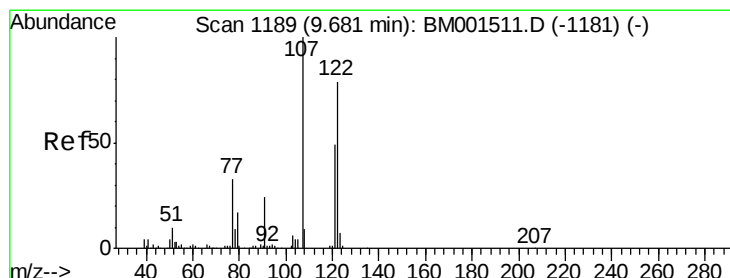
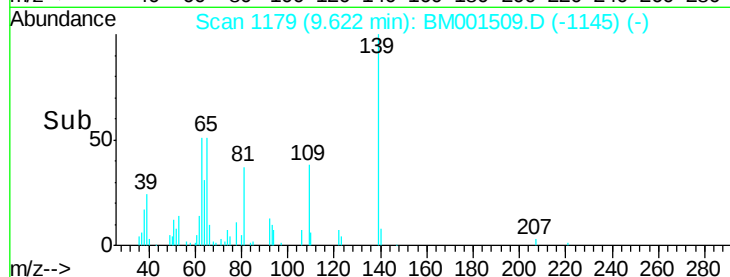
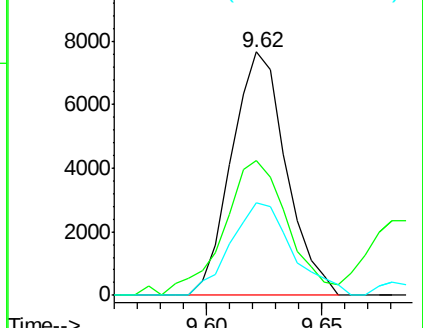
109 37.8 28.3 42.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 5.42 ng/ul

RT: 9.68 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

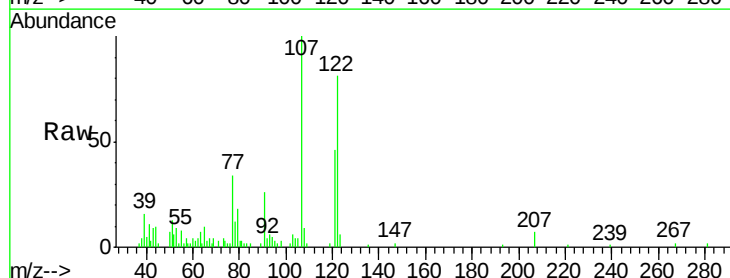
Tgt Ion:107 Resp: 36990

Ion Ratio Lower Upper

107 100

121 45.9 39.0 58.6

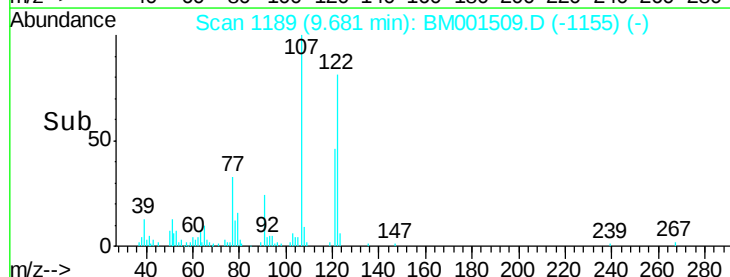
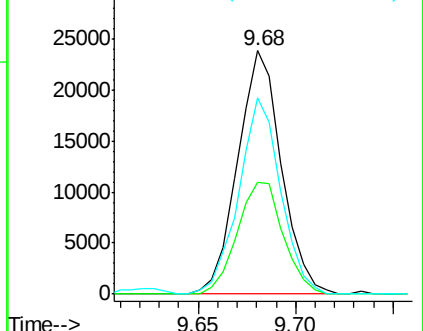
122 80.9 64.6 97.0

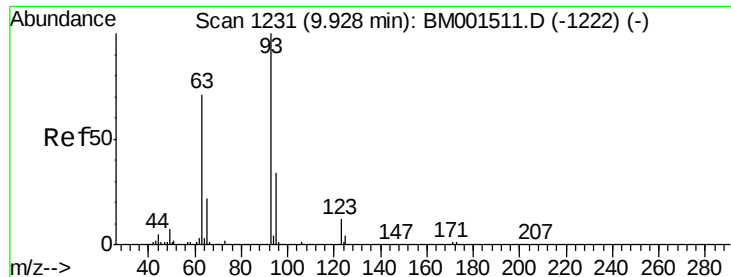


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 5.41 ng/ul

RT: 9.93 min Scan# 1231

Delta R.T. -0.00 min

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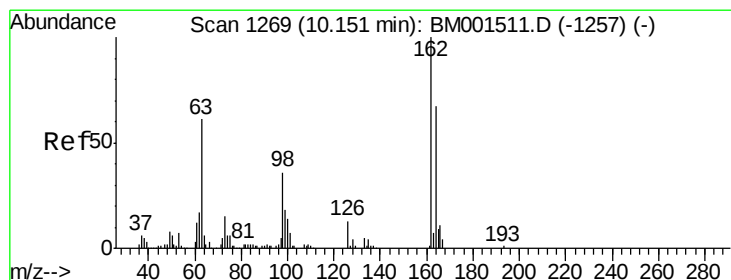
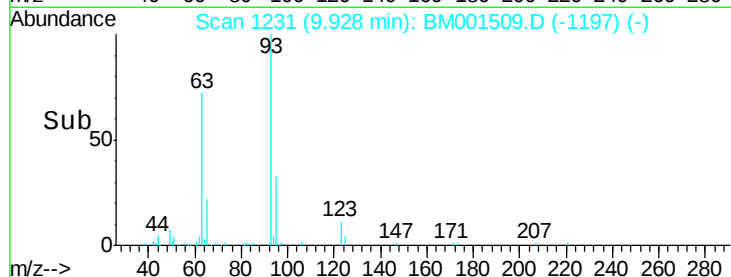
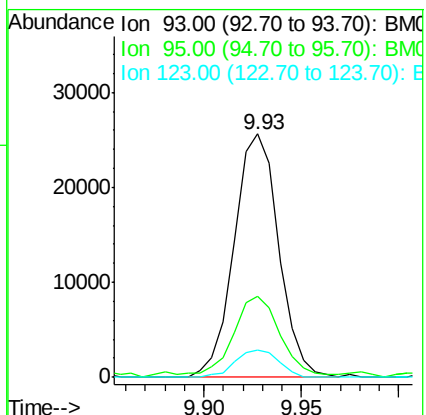
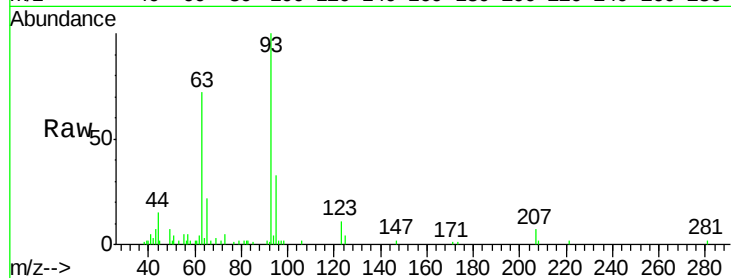
Tot Ion: 93 Resp: 40588

Ion Ratio Lower Upper

93 100

95 33.1 27.2 40.8

123 11.2 9.2 13.8



#27

2,4-Dichlorophenol

Concen: 4.93 ng/ul

RT: 10.15 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

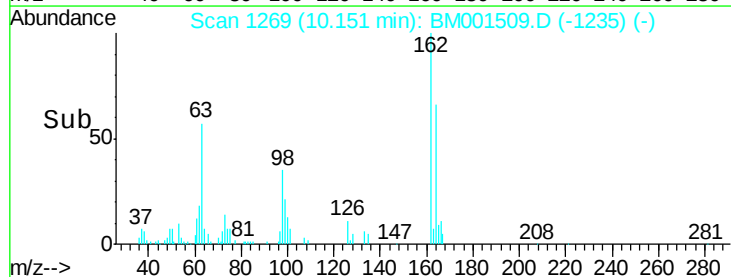
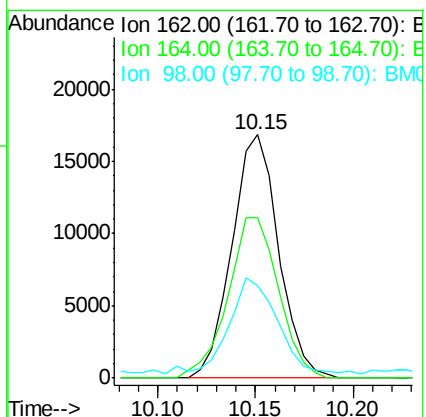
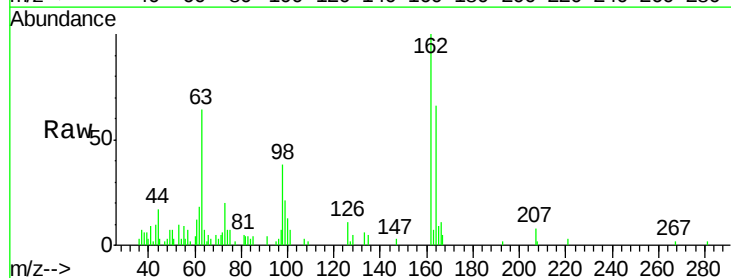
Tgt Ion: 162 Resp: 27938

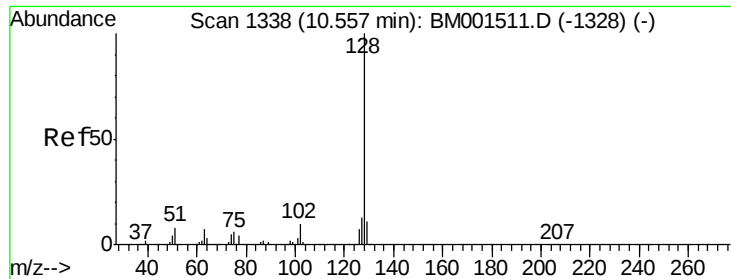
Ion Ratio Lower Upper

162 100

164 66.1 53.3 79.9

98 37.8 29.5 44.3

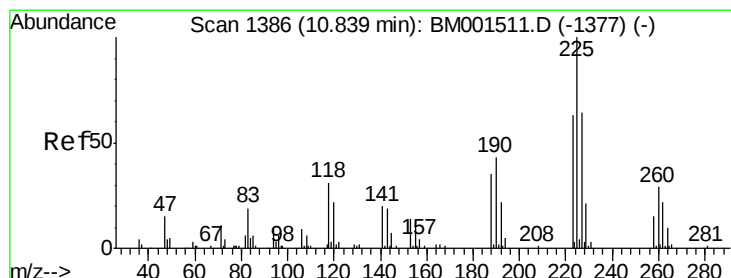
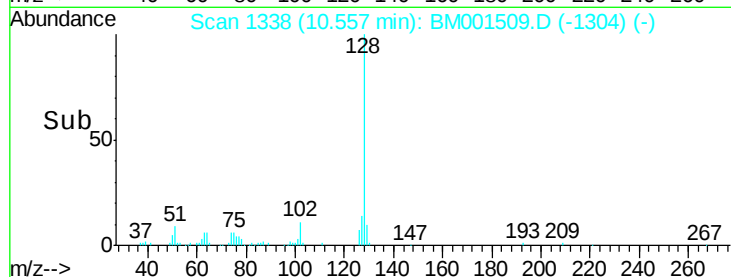
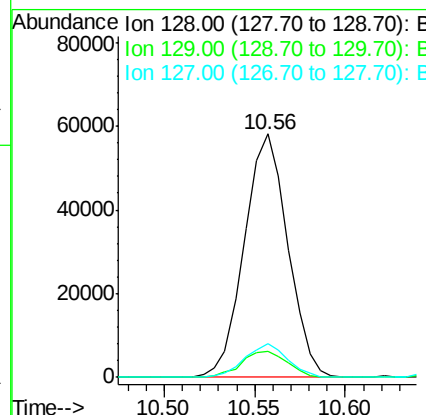
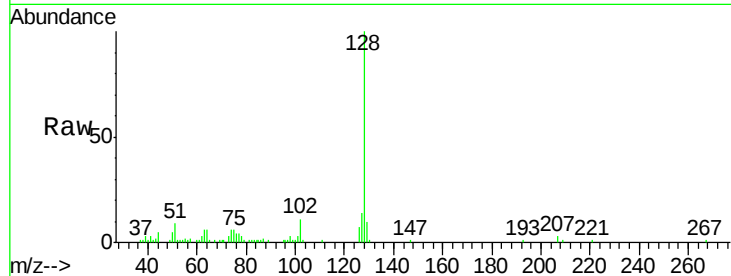




#28
Naphthalene
Concen: 4.93 ng/ul
RT: 10.56 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

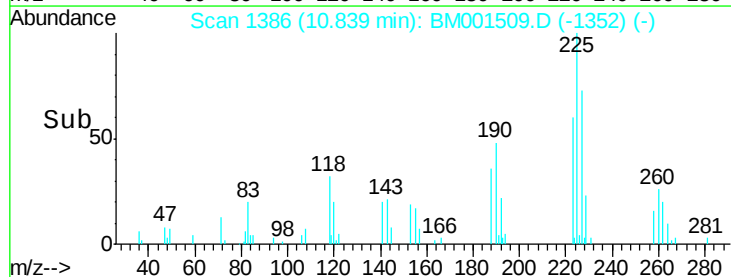
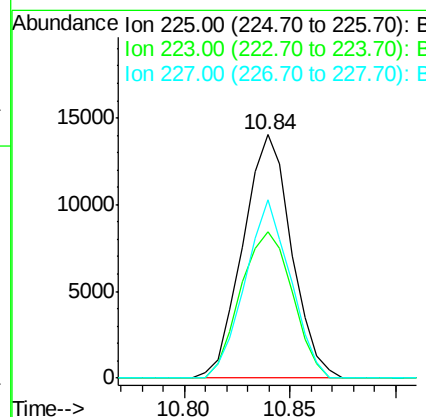
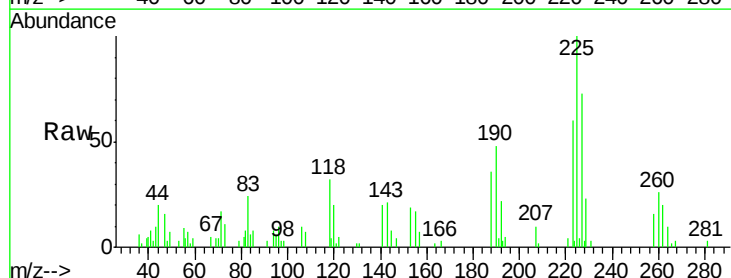
Instrument :
BNA_M
ClientSampleId :
SSTD00561

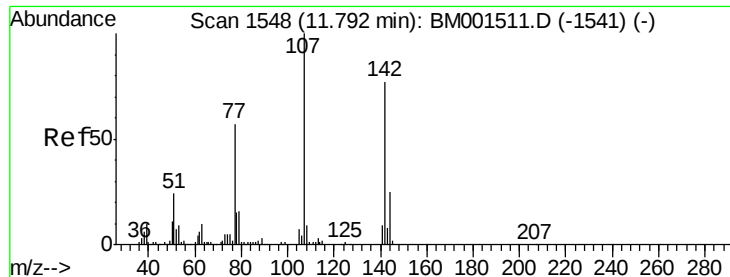
Tot Ion:128 Resp: 97015
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.6 10.2 15.2



#31
Hexachlorobutadiene
Concen: 5.76 ng/ul
RT: 10.84 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Tgt Ion:225 Resp: 22410
Ion Ratio Lower Upper
225 100
223 59.9 50.7 76.1
227 73.0 51.3 76.9

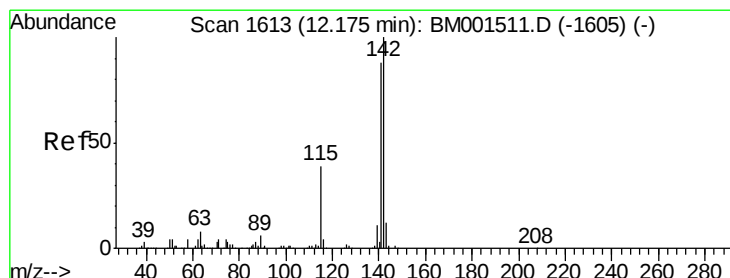
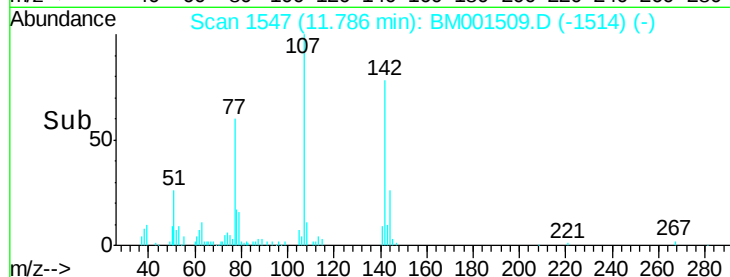
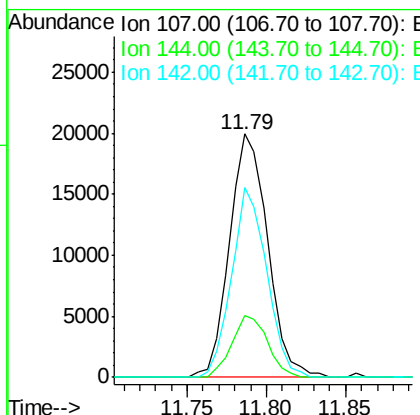
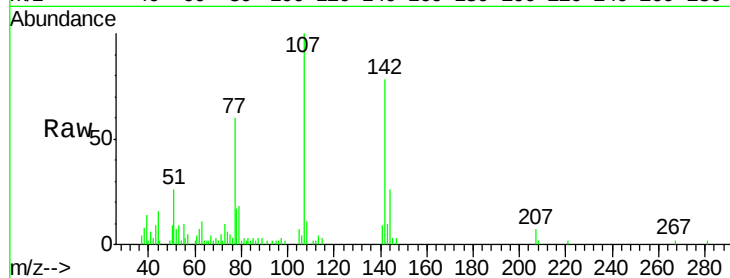




#33
 4-Chloro-3-methylphenol
 Concen: 5.44 ng/ul
 RT: 11.79 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

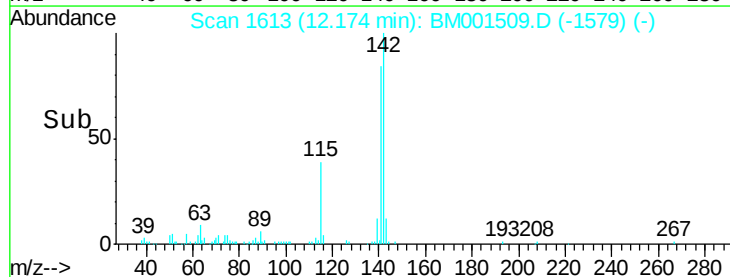
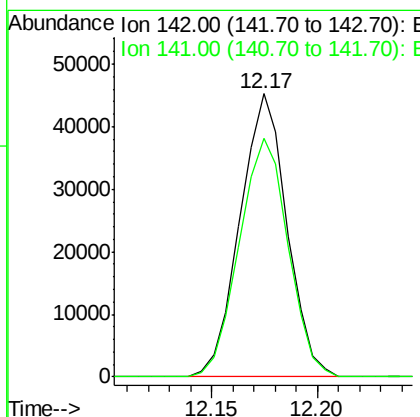
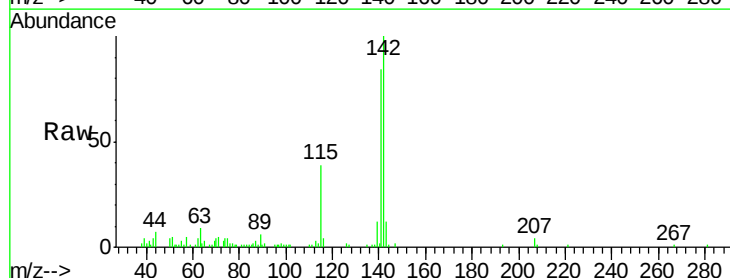
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00561

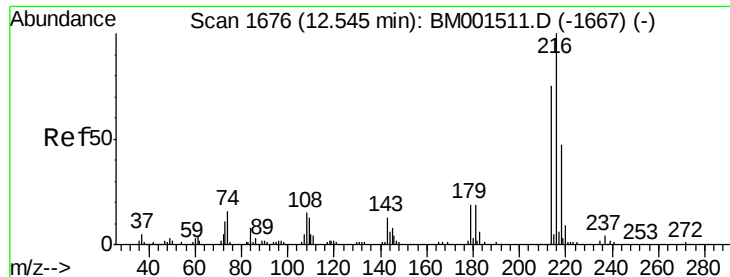
Tot Ion:107 Resp: 33312
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.8
 142 78.0 61.4 92.2



#34
 2-Methylnaphthalene
 Concen: 4.93 ng/ul
 RT: 12.17 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

Tgt Ion:142 Resp: 69780
 Ion Ratio Lower Upper
 142 100
 141 84.4 70.6 105.8

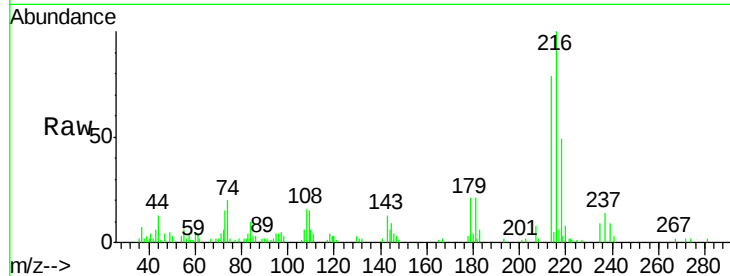




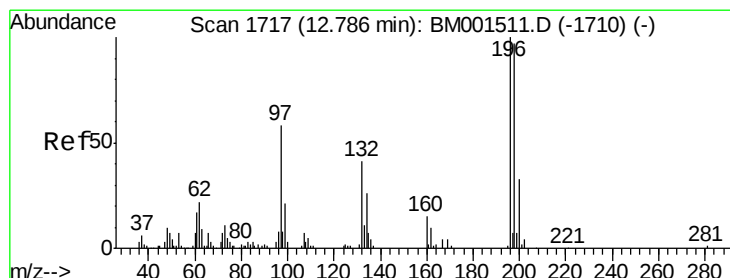
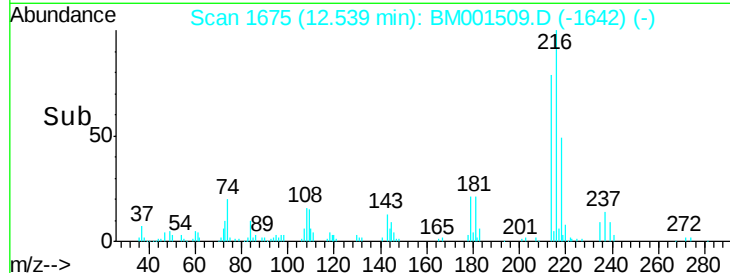
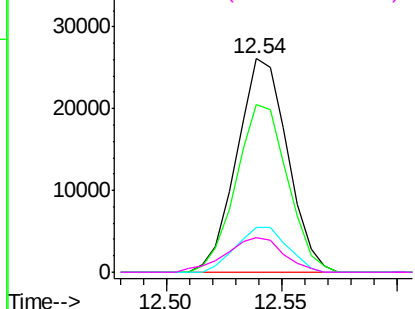
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.58 ng/ul
 RT: 12.54 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00561

Tot Ion:216	Resp:	40047
Ion Ratio	Lower	Upper
216	100	
214	78.6	59.8 89.6
179	20.7	15.1 22.7
108	16.3	12.0 18.0

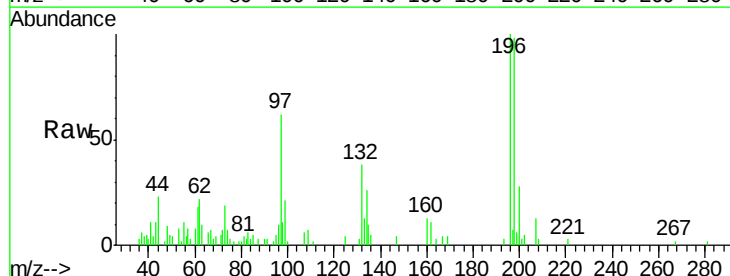


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

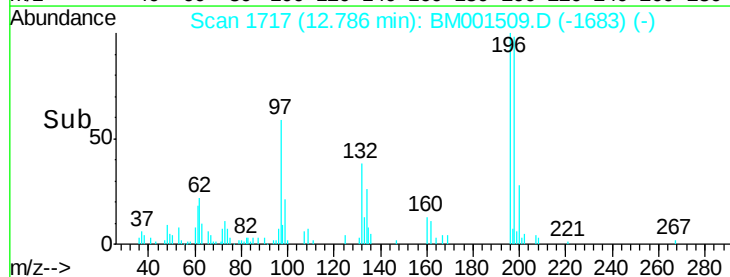
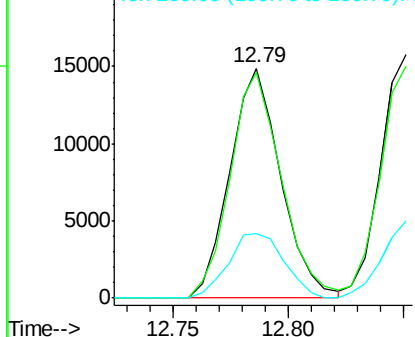


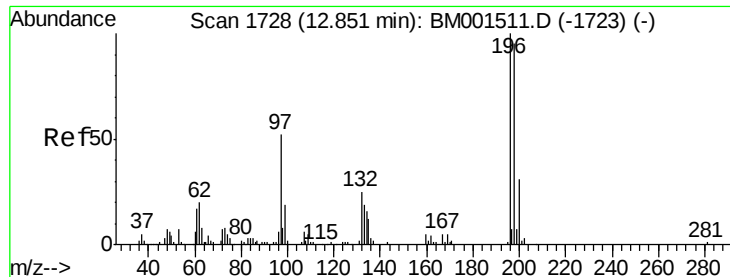
#38
 2,4,6-Trichlorophenol
 Concen: 5.21 ng/ul
 RT: 12.79 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

Tgt Ion:196	Resp:	22853
Ion Ratio	Lower	Upper
196	100	
198	98.2	77.6 116.4
200	28.3	26.2 39.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

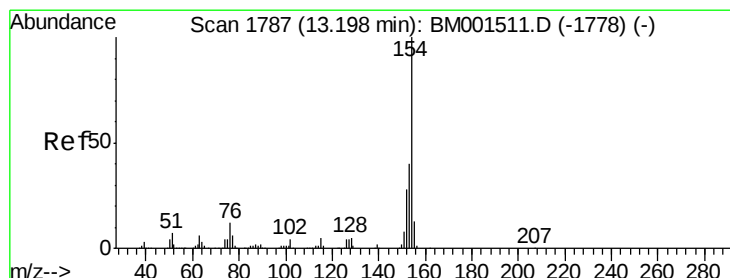
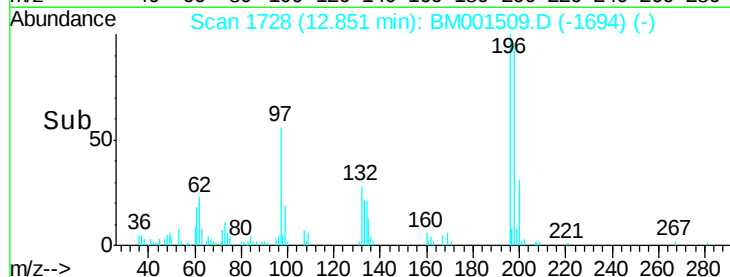
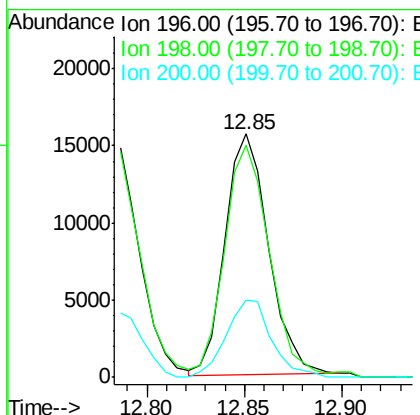
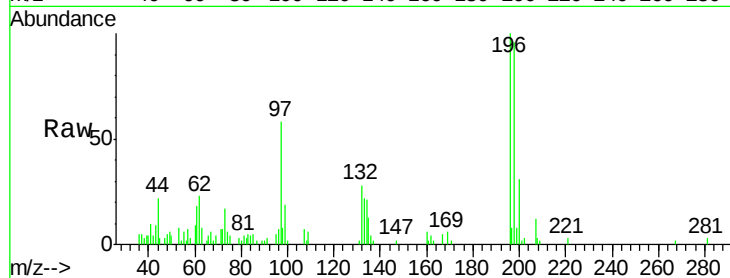




#39
 2,4,5-Trichlorophenol
 Concen: 4.99 ng/ul
 RT: 12.85 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

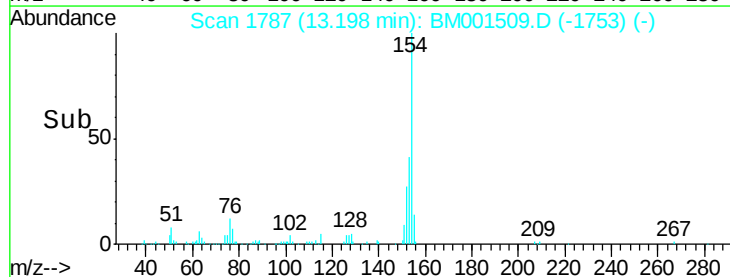
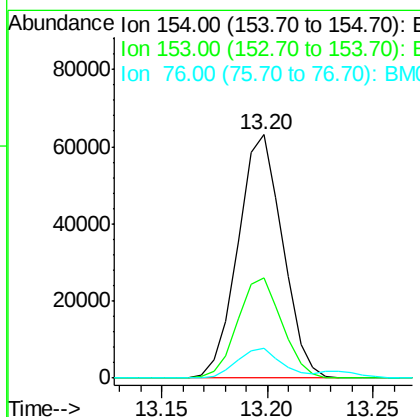
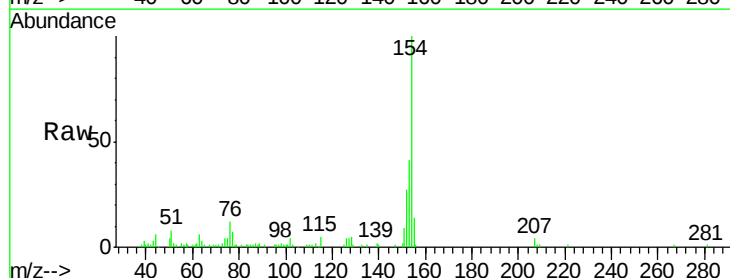
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00561

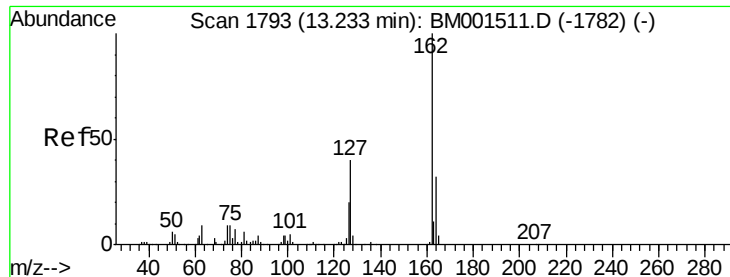
Tot Ion:196 Resp: 23992
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.3 114.5
 200 31.5 25.0 37.6



#40
 1,1'-Biphenyl
 Concen: 5.01 ng/ul
 RT: 13.20 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

Tgt Ion:154 Resp: 92456
 Ion Ratio Lower Upper
 154 100
 153 41.0 31.9 47.9
 76 12.2 9.9 14.9

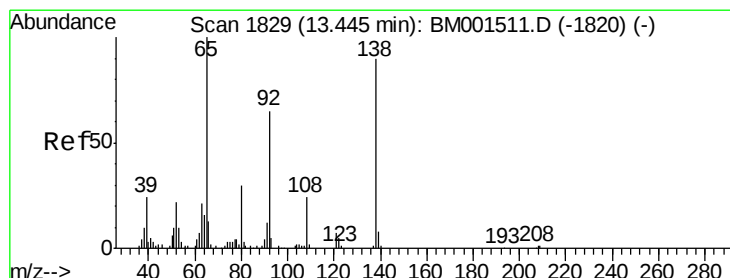
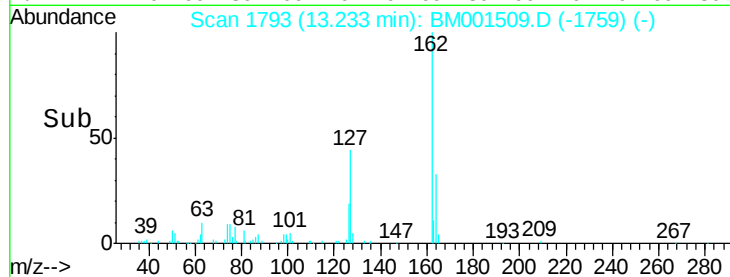
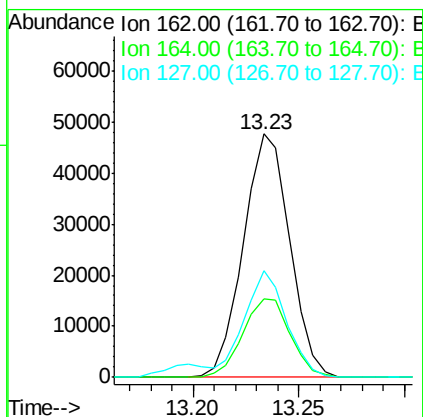
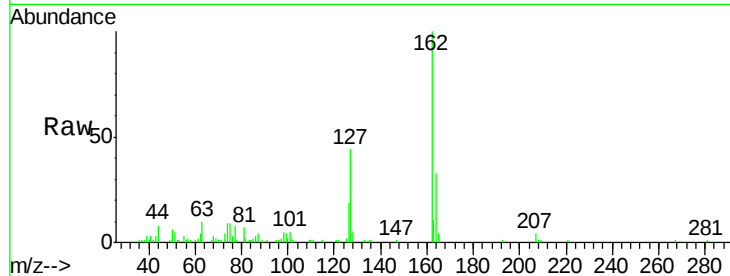




#41
2-Chloronaphthalene
Concen: 5.09 ng/ul
RT: 13.23 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

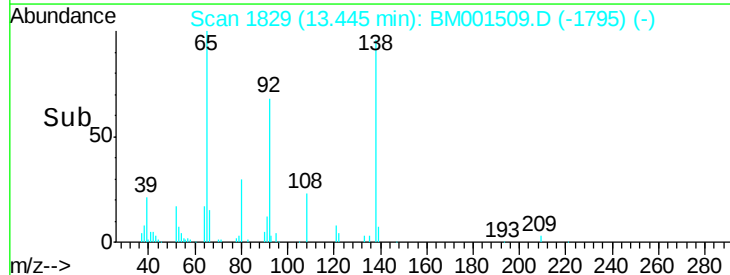
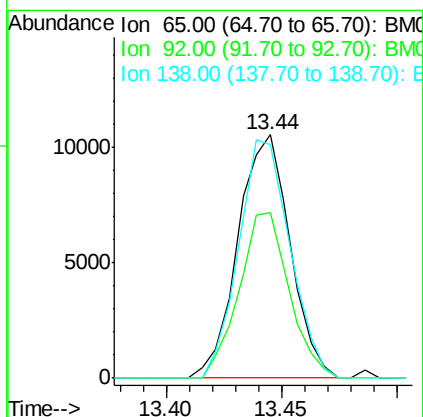
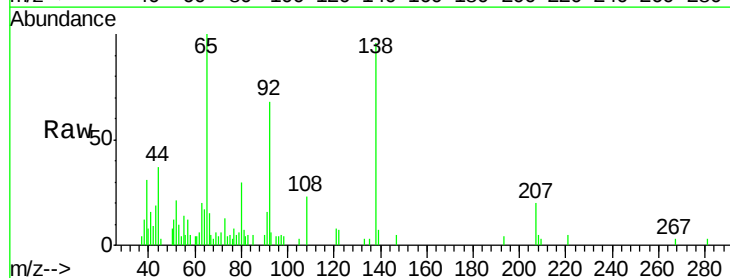
Instrument :
BNA_M
ClientSampleId :
SSTD00561

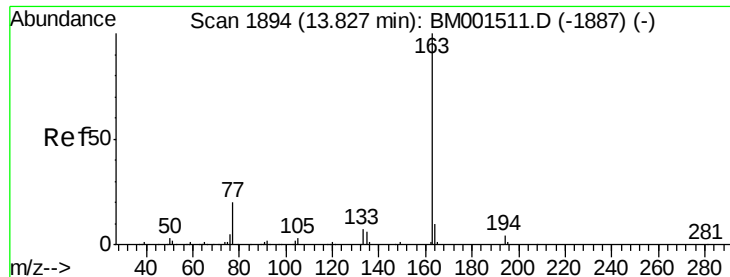
Tot Ion:162 Resp: 72766
Ion Ratio Lower Upper
162 100
164 32.5 25.7 38.5
127 43.9 32.3 48.5



#42
2-Nitroaniline
Concen: 4.29 ng/ul
RT: 13.44 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Tgt Ion: 65 Resp: 16514
Ion Ratio Lower Upper
65 100
92 67.9 51.8 77.8
138 95.8 72.3 108.5





#44

Dimethylphthalate

Concen: 5.06 ng/ul

RT: 13.83 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

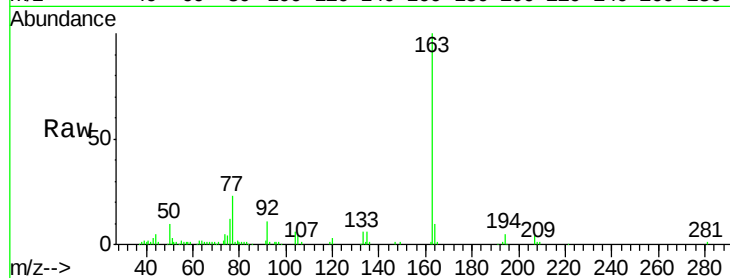
Tot Ion:163 Resp: 92056

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

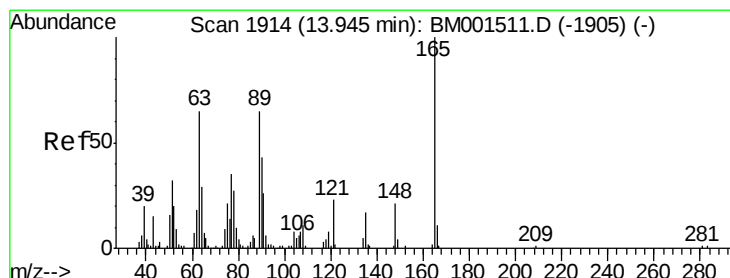
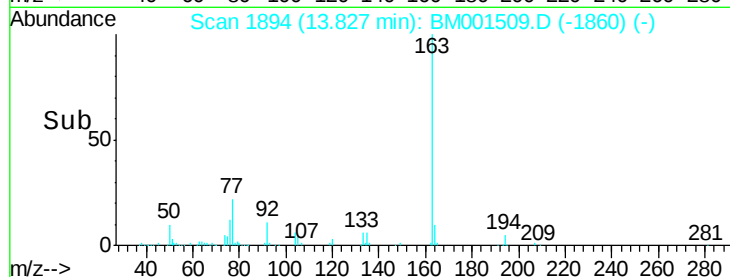
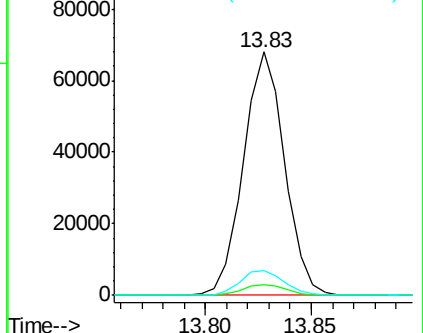
164 10.3 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 4.20 ng/ul

RT: 13.94 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

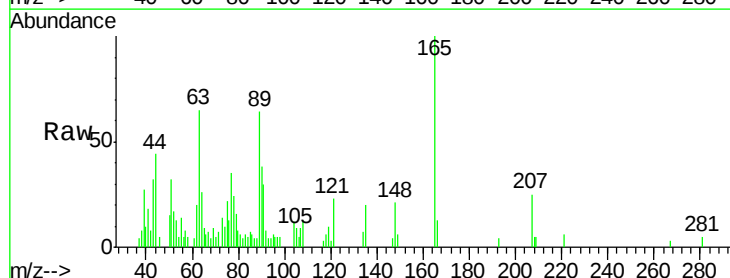
Tgt Ion:165 Resp: 14021

Ion Ratio Lower Upper

165 100

89 63.6 52.0 78.0

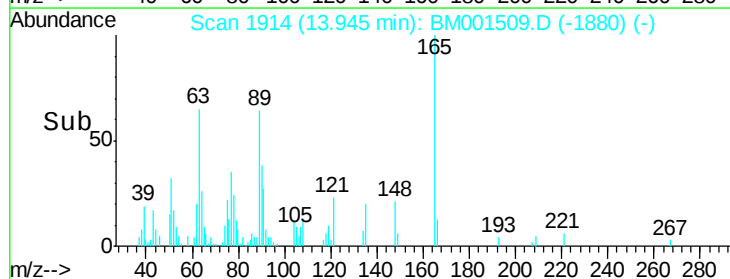
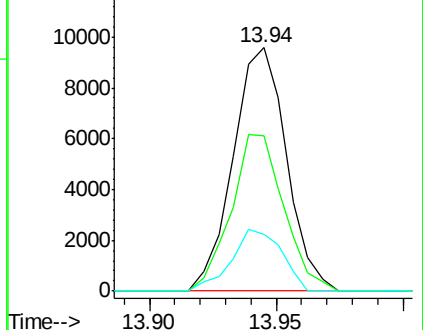
121 23.3 18.6 28.0

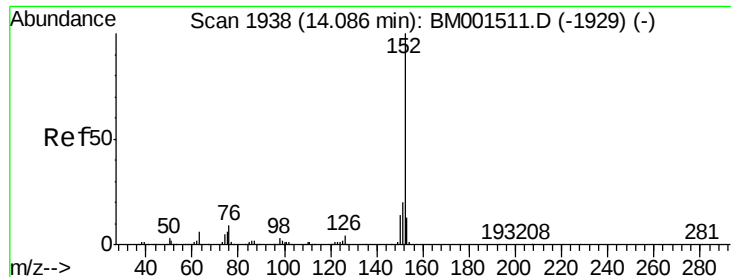


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 4.96 ng/ul

RT: 14.09 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

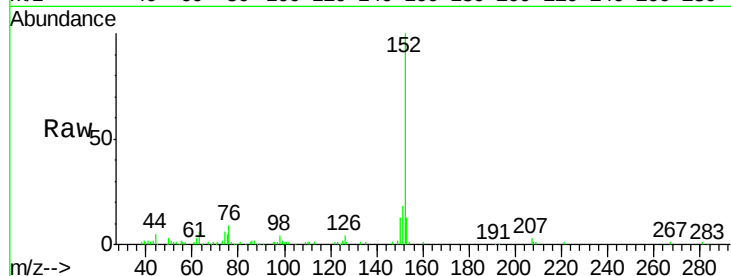
Instrument :

BNA_M

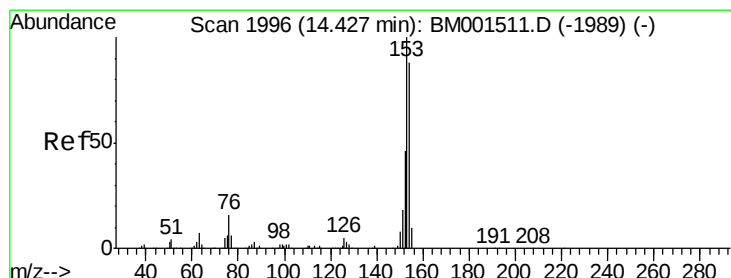
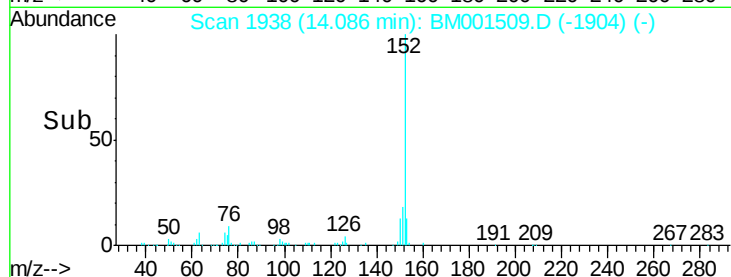
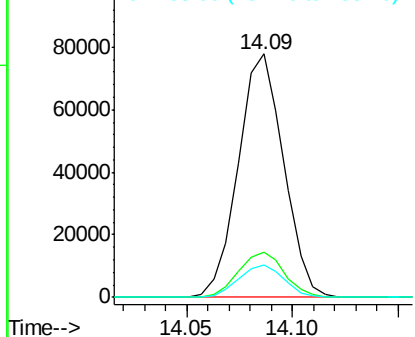
ClientSampleId :

SSTD00561

Tot Ion:	152	Resp:	115539
Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.6	23.4
153	13.2	10.5	15.7



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



#49

Acenaphthene

Concen: 4.85 ng/ul

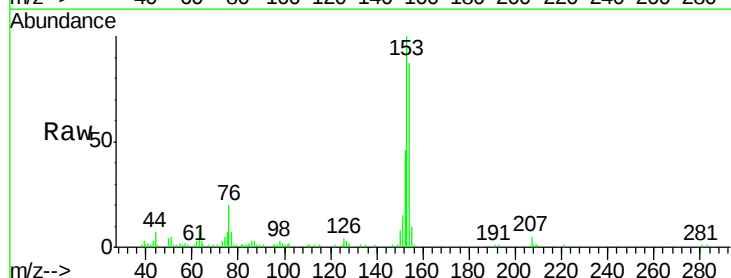
RT: 14.43 min Scan# 1996

Delta R.T. -0.00 min

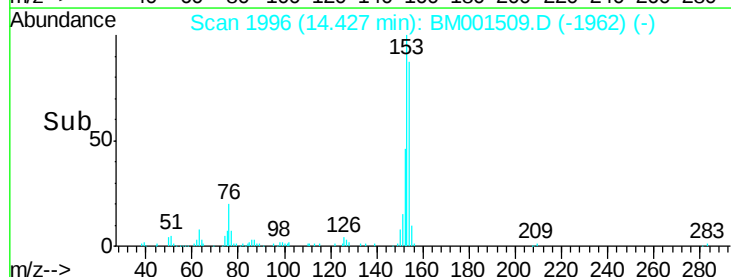
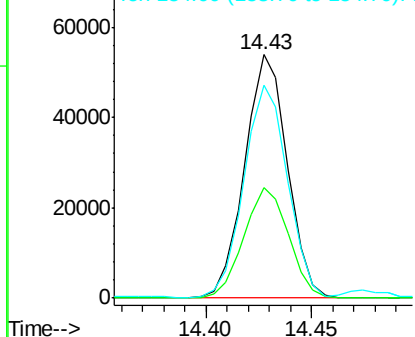
Lab File: BM001509.D

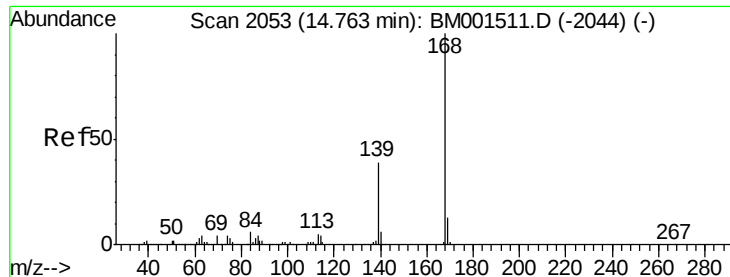
Acq: 01 Jun 2015 20:14

Tgt Ion:	153	Resp:	75789
Ion	Ratio	Lower	Upper
153	100		
152	45.6	36.9	55.3
154	87.4	70.2	105.4



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





#53

Dibenzenofuran

Concen: 4.87 ng/ul

RT: 14.76 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

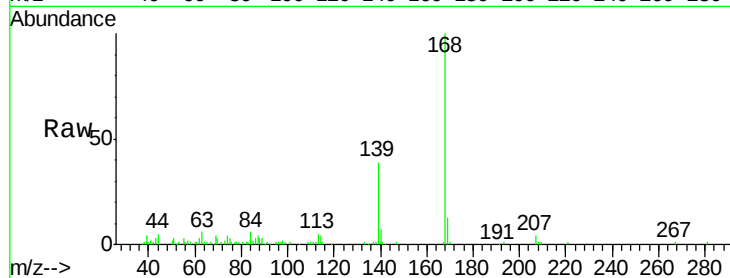
SSTD00561

Tot Ion:168 Resp: 108572

Ion Ratio Lower Upper

168 100

139 39.4 31.6 47.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

80000

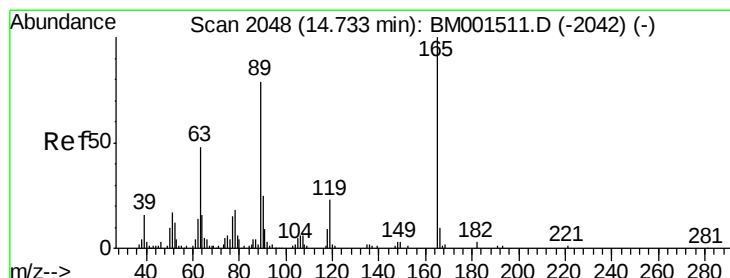
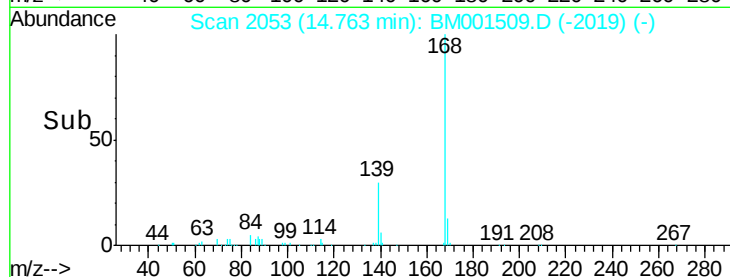
60000

40000

20000

0

Time-->



#54

2,4-Dinitrotoluene

Concen: 3.70 ng/ul

RT: 14.73 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

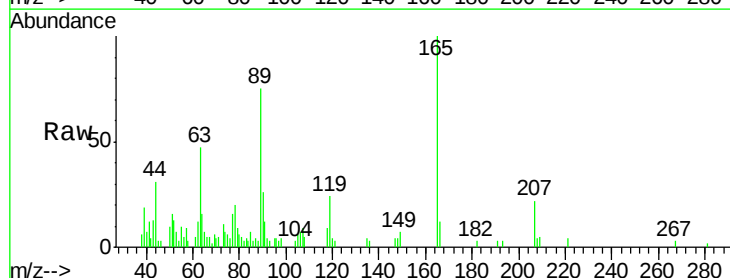
Tgt Ion:165 Resp: 18528

Ion Ratio Lower Upper

165 100

63 46.7 38.6 58.0

182 3.3 2.3 3.5



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

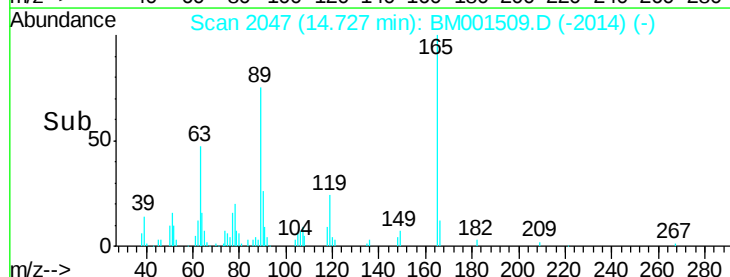
15000

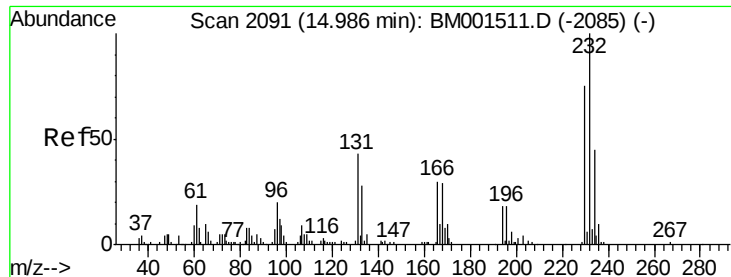
10000

5000

0

Time-->

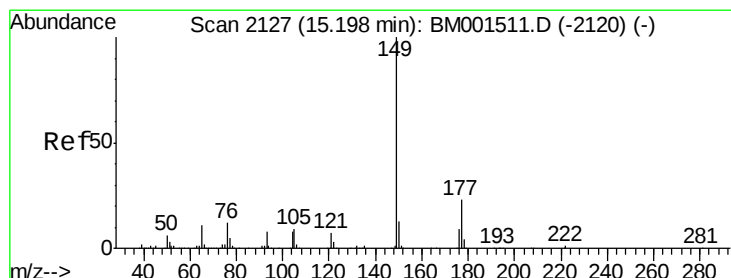
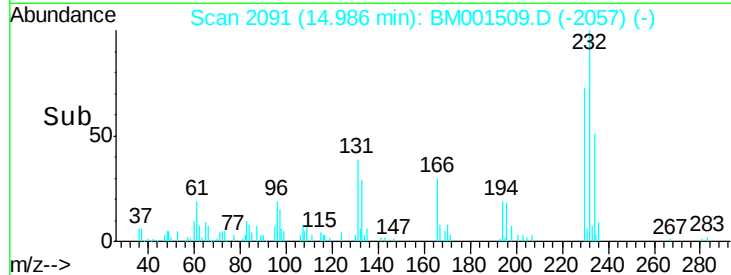
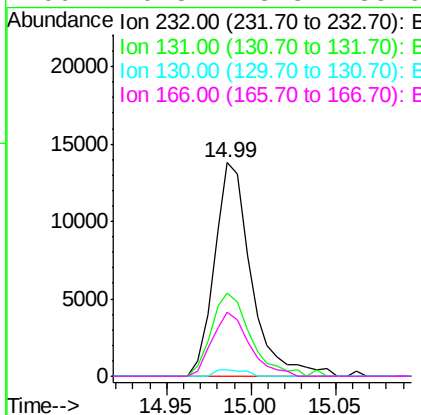
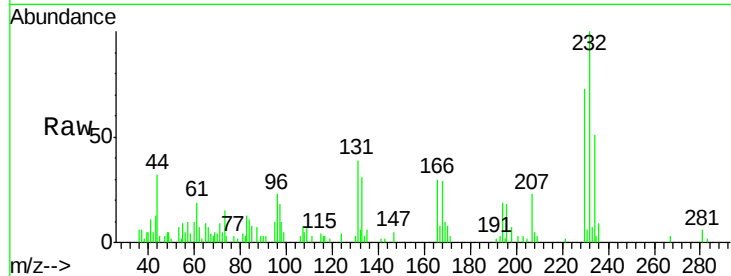




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 5.03 ng/ul
 RT: 14.99 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

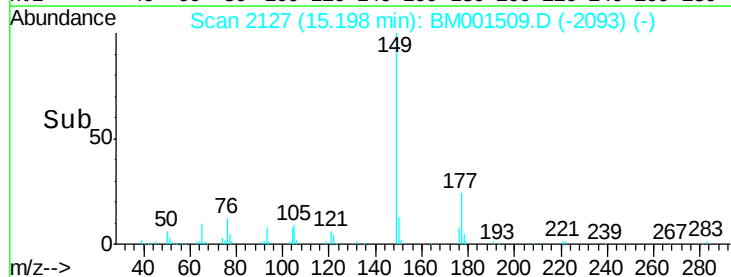
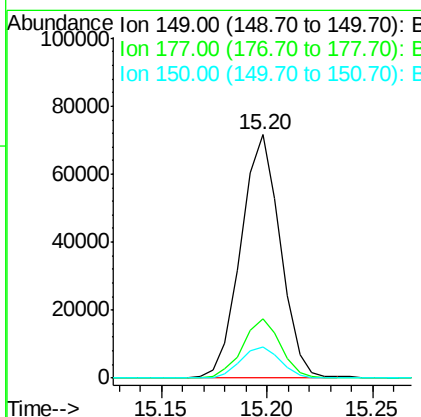
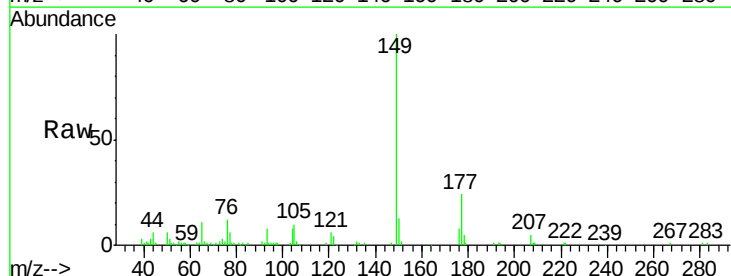
Instrument :
 BNA_M
 ClientSampleID :
 SSTD00561

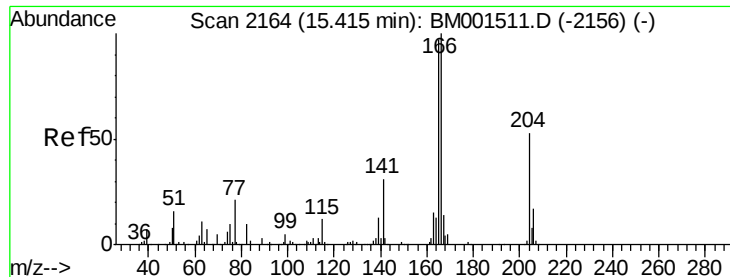
Tot Ion:	232	Resp:	20868
Ion	Ratio	Lower	Upper
232	100		
131	38.7	34.1	51.1
130	3.2	1.8	2.8#
166	29.8	23.8	35.6



#56
 Diethylphthalate
 Concen: 4.93 ng/ul
 RT: 15.20 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BM001509.D
 Acq: 01 Jun 2015 20:14

Tgt Ion:	149	Resp:	92678
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.0	27.0
150	13.0	10.3	15.5





#58

Fluorene

Concen: 4.83 ng/ul

RT: 15.42 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

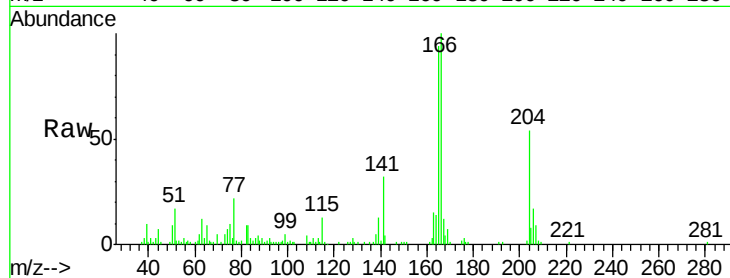
Tot Ion:166 Resp: 90553

Ion Ratio Lower Upper

166 100

165 94.1 77.6 116.4

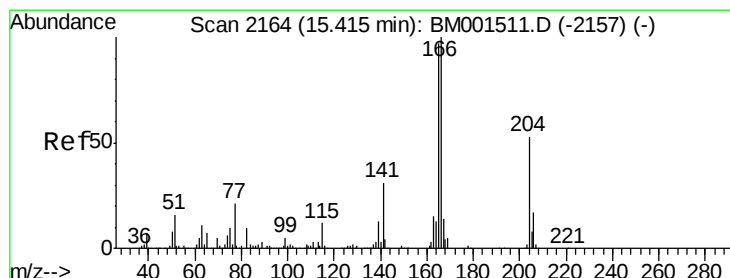
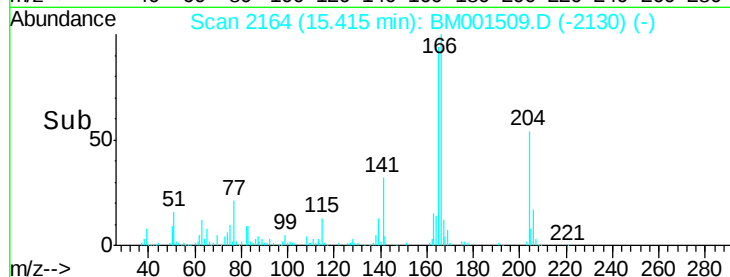
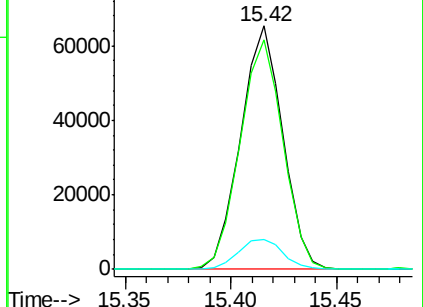
167 12.3 10.9 16.3



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: 5.04 ng/ul

RT: 15.42 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

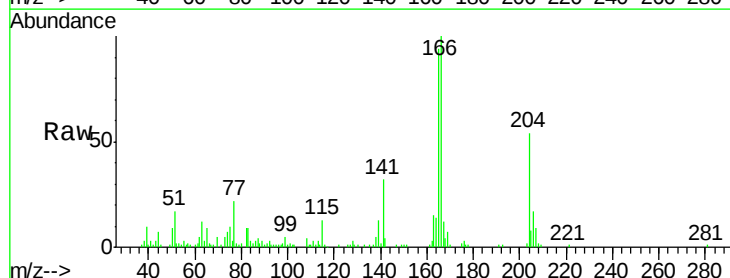
Tgt Ion:204 Resp: 46895

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

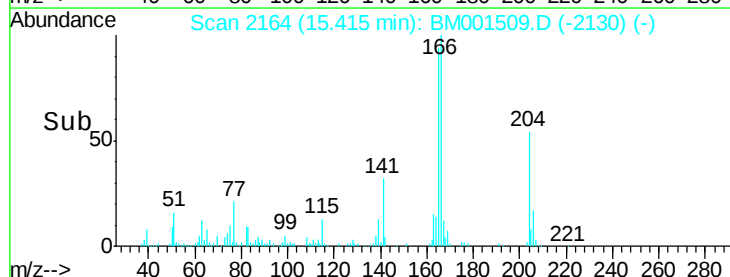
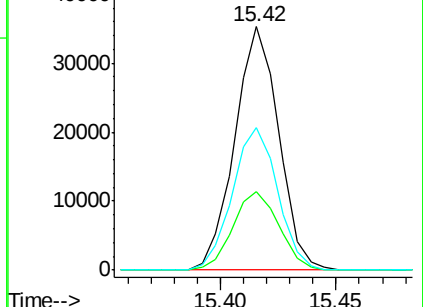
141 58.7 47.8 71.8

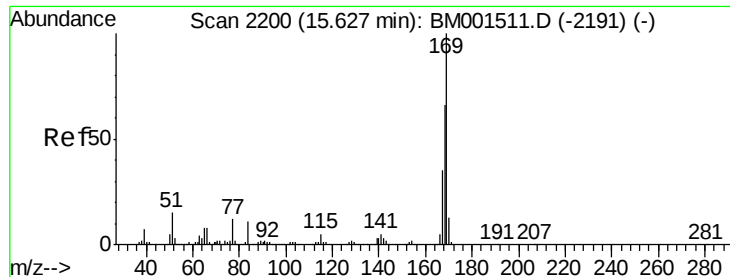


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

N-Nitrosodiphenylamine

Concen: 5.07 ng/ul

RT: 15.63 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

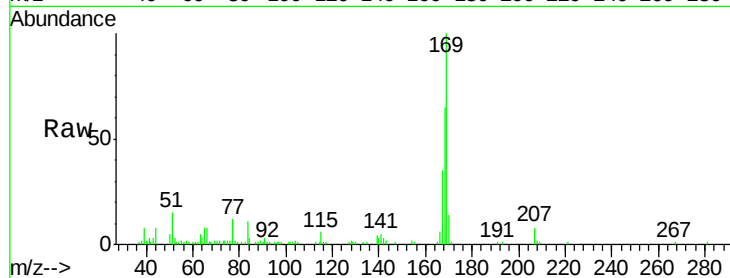
Tot Ion:169 Resp: 77063

Ion Ratio Lower Upper

169 100

168 65.4 53.0 79.4

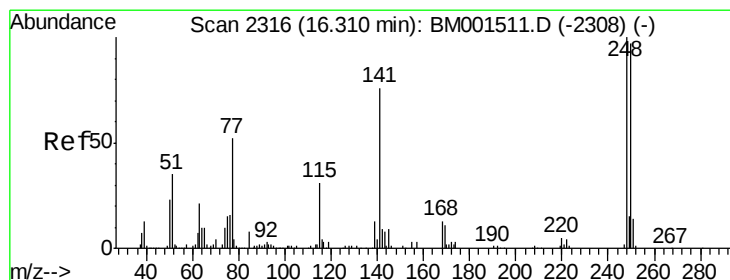
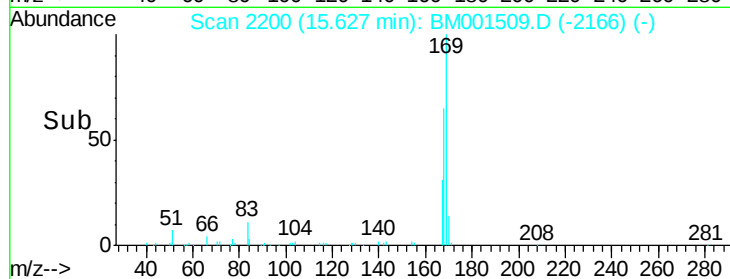
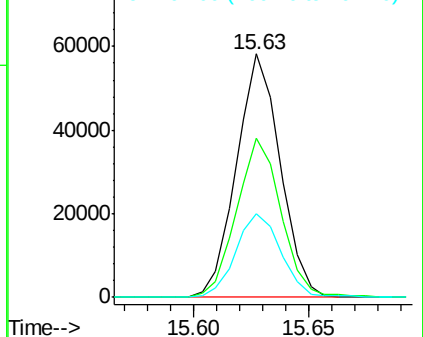
167 34.5 27.8 41.6



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: 5.40 ng/ul

RT: 16.31 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

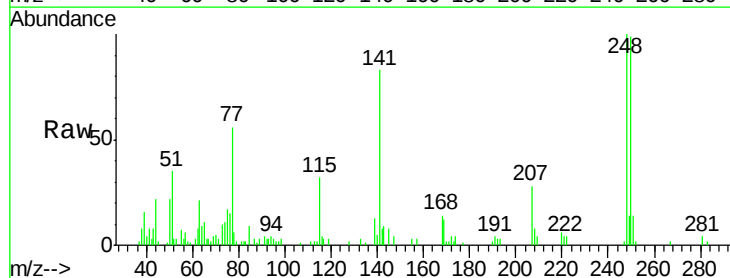
Tgt Ion:248 Resp: 28398

Ion Ratio Lower Upper

248 100

250 99.5 77.5 116.3

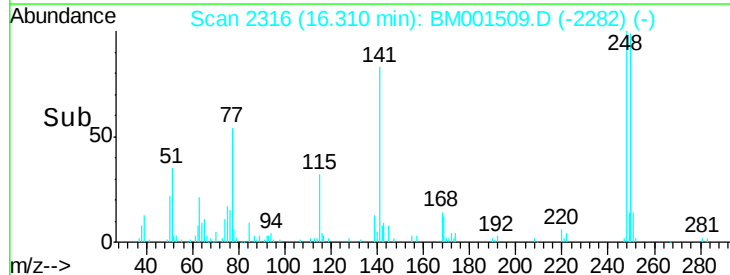
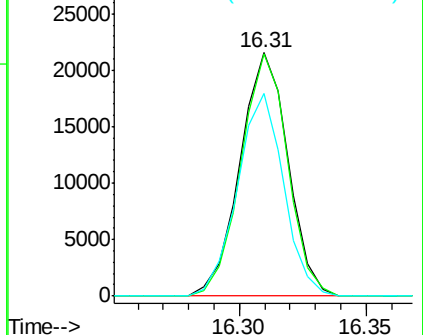
141 83.2 60.7 91.1

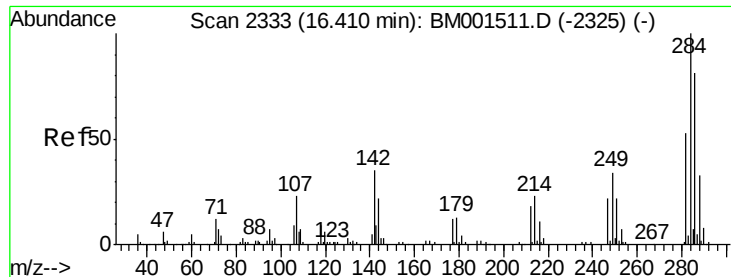


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

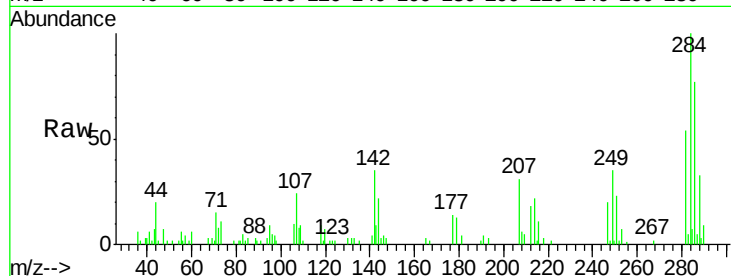




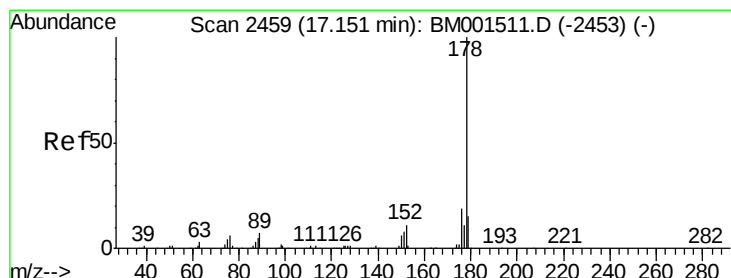
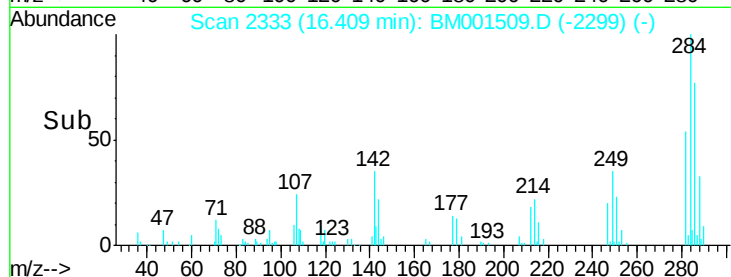
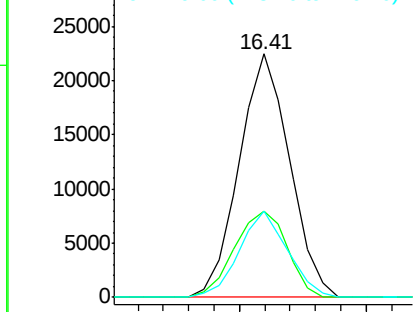
#66
Hexachlorobenzene
Concen: 5.32 ng/ul
RT: 16.41 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Instrument :
BNA_M
ClientSampleId :
SSTD00561

Tot Ion:284 Resp: 31192
Ion Ratio Lower Upper
284 100
142 35.2 28.3 42.5
249 37.2 26.9 40.3

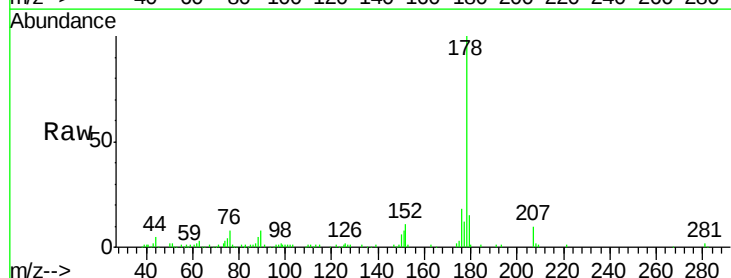


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

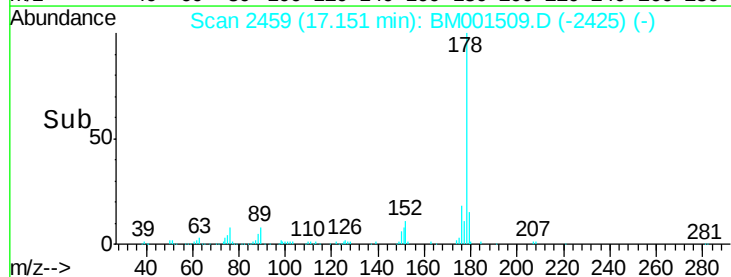
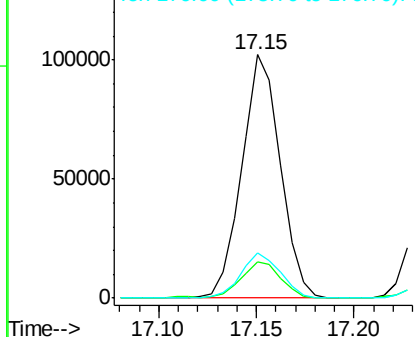


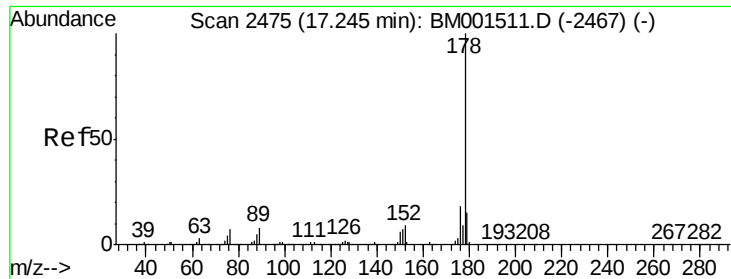
#69
Phenanthrene
Concen: 4.85 ng/ul
RT: 17.15 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Tgt Ion:178 Resp: 139699
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.4 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: 4.91 ng/ul

RT: 17.24 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

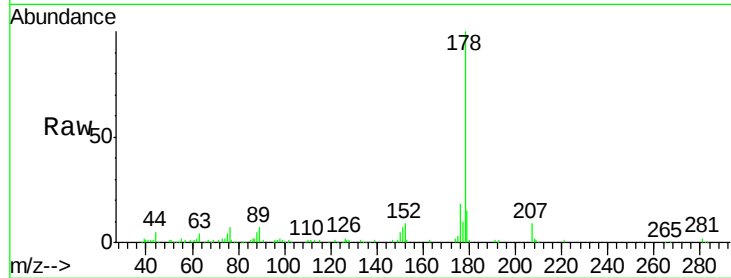
Tot Ion:178 Resp: 145779

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

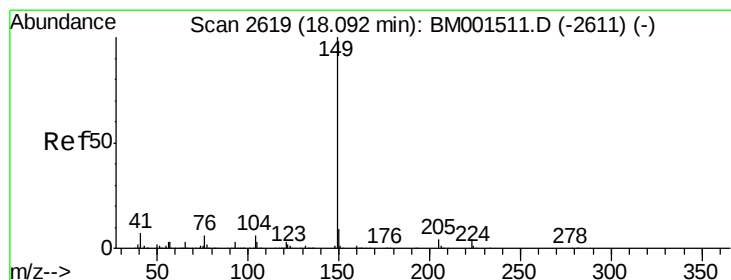
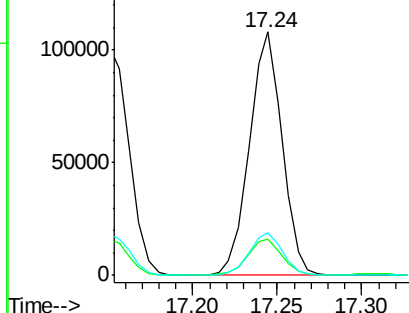
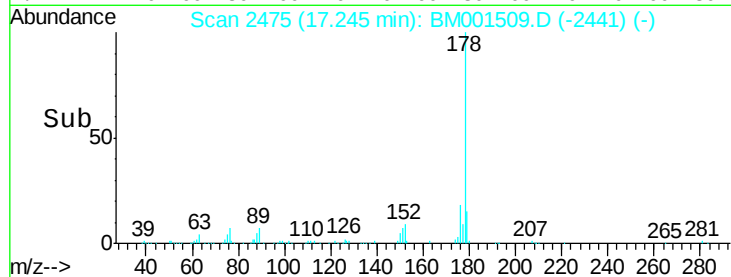
176 17.5 14.3 21.5



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



#73

Di-n-butylphthalate

Concen: 4.95 ng/ul

RT: 18.09 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

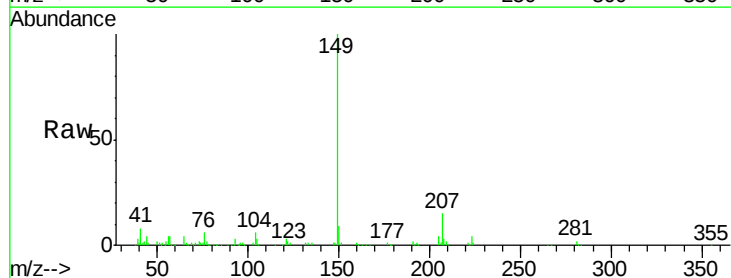
Tgt Ion:149 Resp: 157450

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

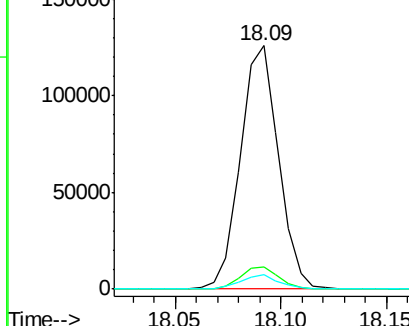
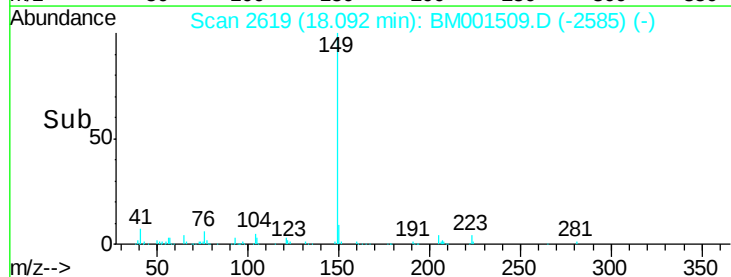
104 5.7 4.7 7.1

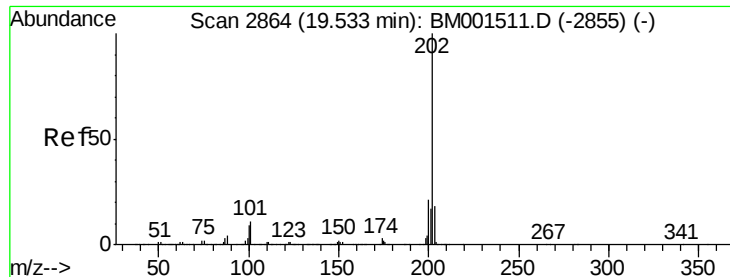


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

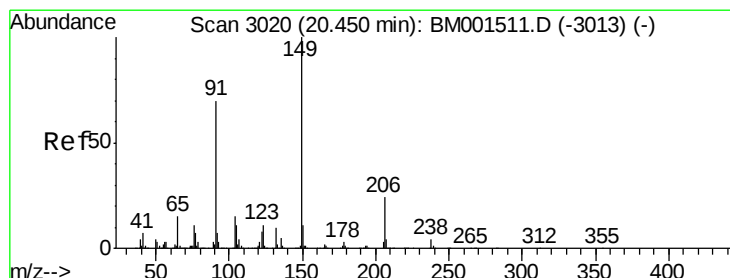
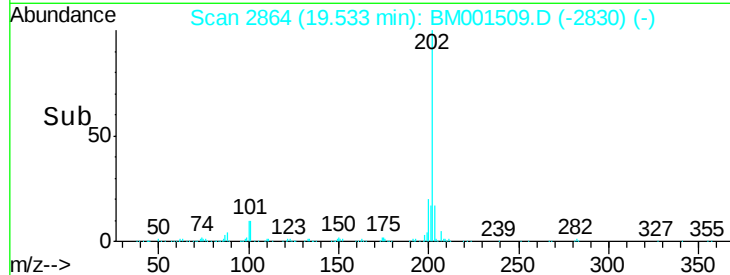
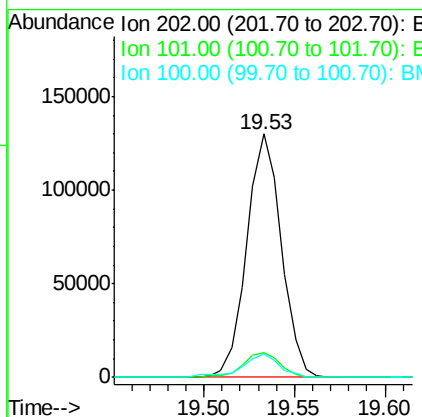
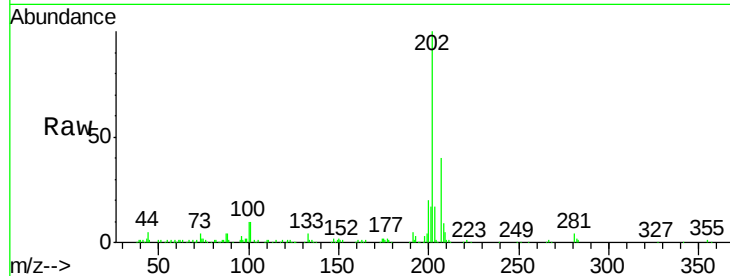




#77
Pvrene
Concen: 4.88 ng/ul
RT: 19.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

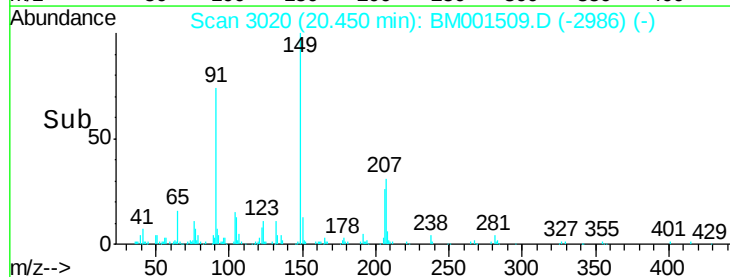
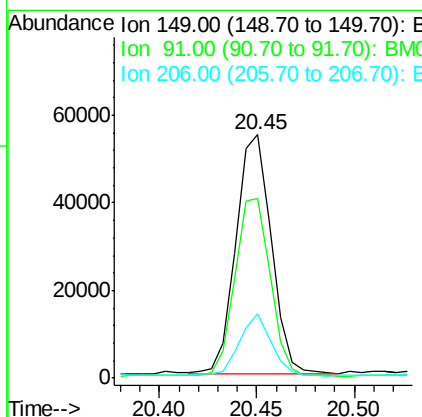
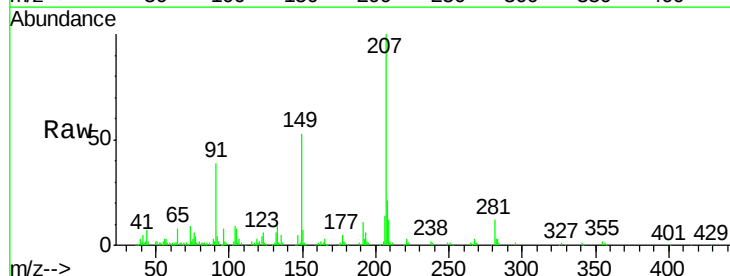
Instrument :
BNA_M
ClientSampleId :
SSTD00561

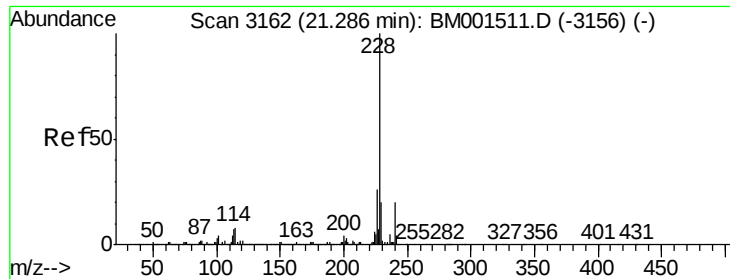
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
100	9.6	7.4	11.0



#78
Butylbenzylphthalate
Concen: 4.87 ng/ul
RT: 20.45 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.2	84.2
206	26.3	19.2	28.8





#80

Benzo(a)anthracene

Concen: 5.03 ng/ul

RT: 21.28 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

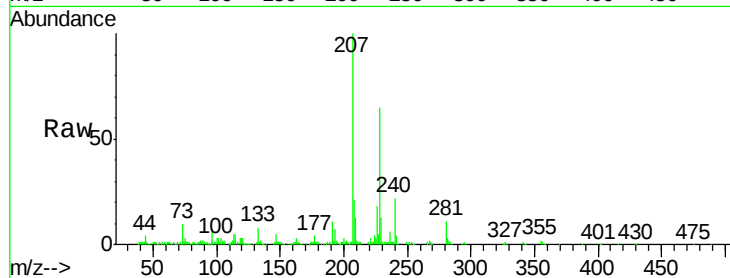
Tot Ion:228 Resp: 174314

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

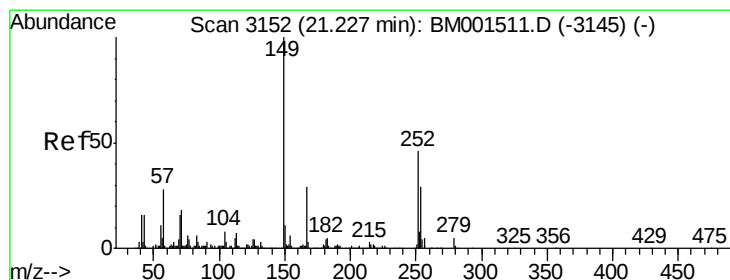
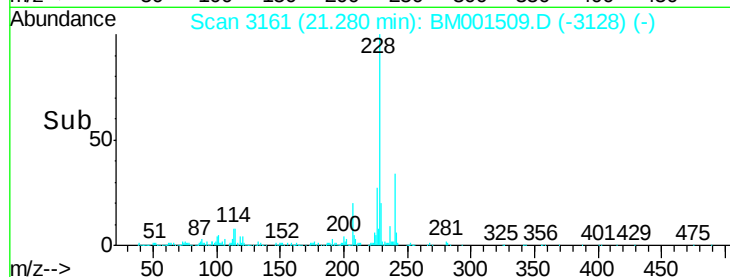
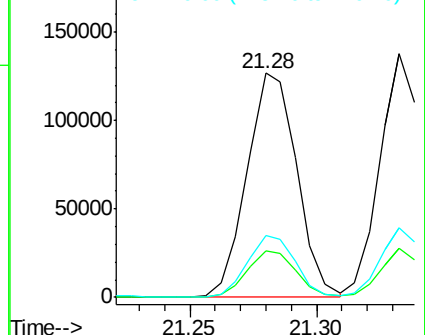
226 27.4 20.9 31.3



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: 4.60 ng/ul

RT: 21.23 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

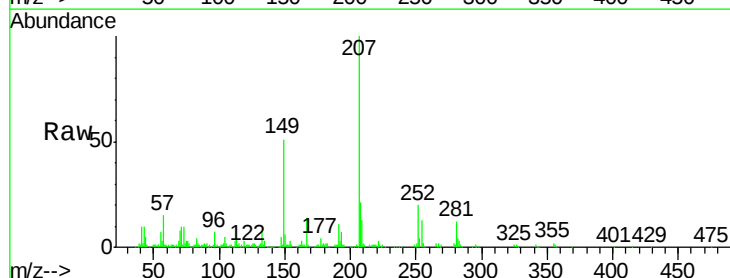
Tgt Ion:149 Resp: 99896

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

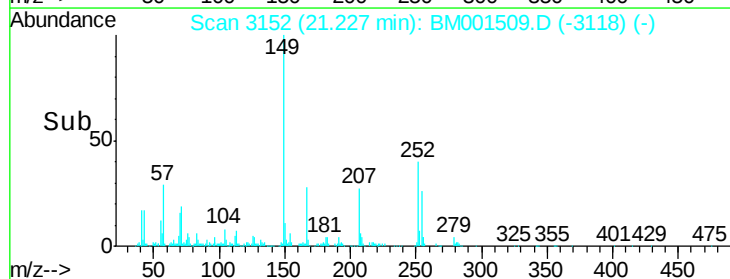
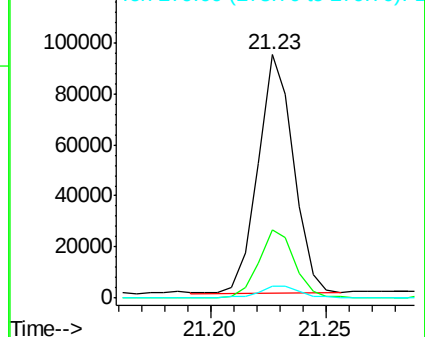
279 4.7 3.7 5.5

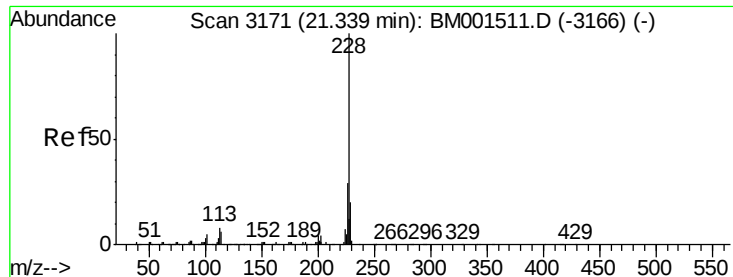


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 5.04 ng/ul

RT: 21.33 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

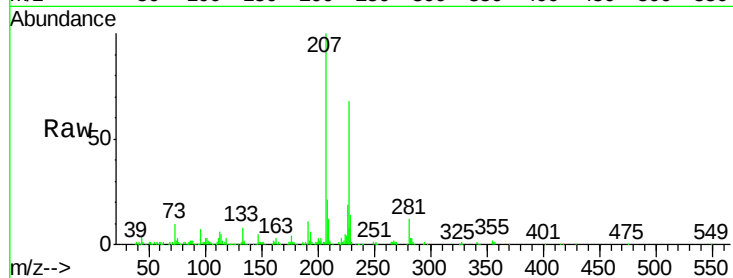
BNA_M

ClientSampleId :

SSTD00561

Tot Ion:228 Resp: 163717

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.1	34.7
229	20.1	15.8	23.6

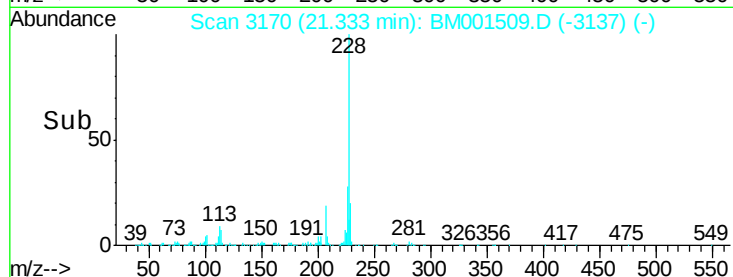


Abundance Ion 228.00 (227.70 to 228.70): E

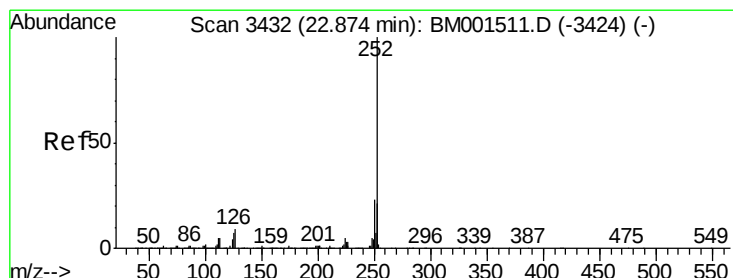
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.33



Time-->



#85

Benzo(b)fluoranthene

Concen: 4.90 ng/ul

RT: 22.87 min Scan# 3431

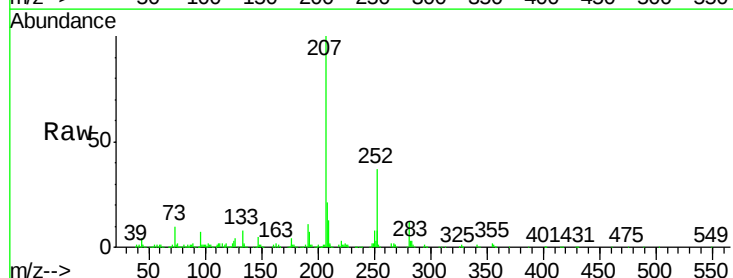
Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Tgt Ion:252 Resp: 169788

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	8.1	5.8	8.8

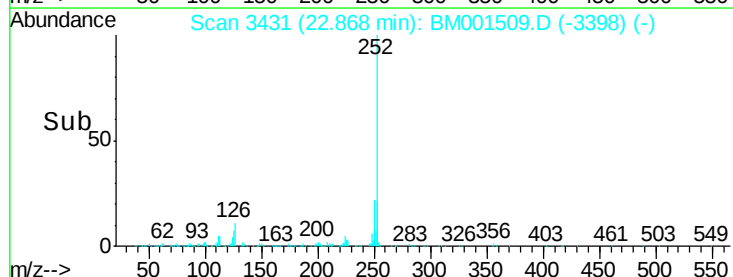


Abundance Ion 252.00 (251.70 to 252.70): E

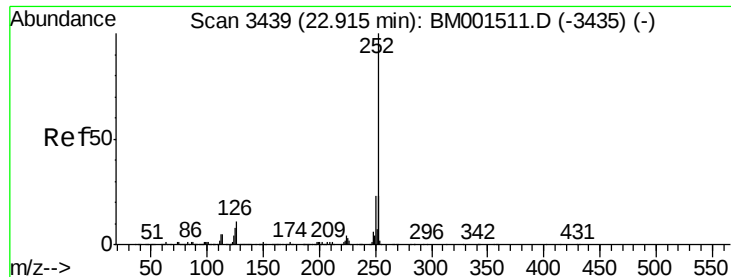
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.87



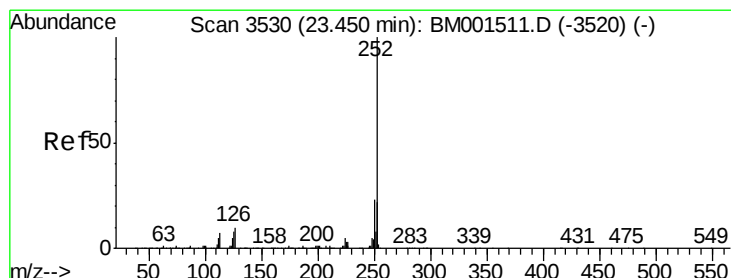
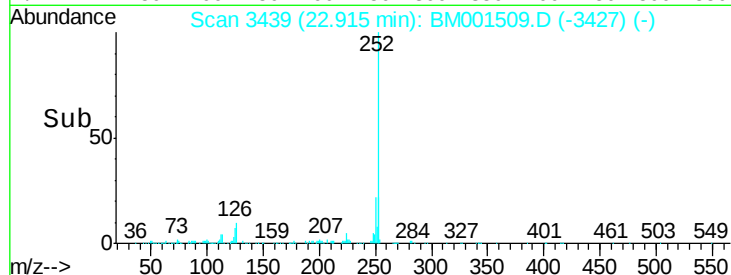
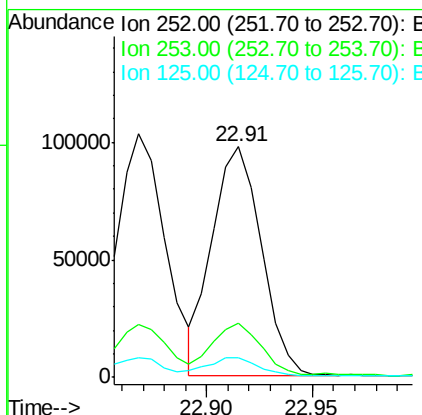
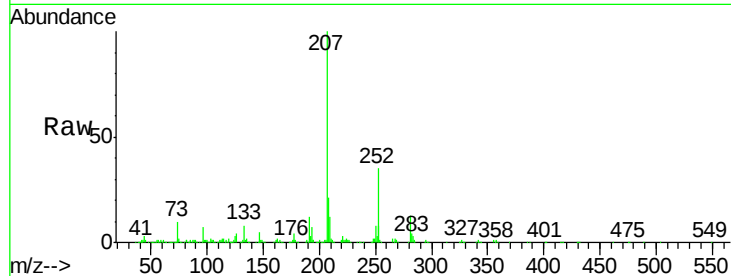
Time-->



#86
Benzo(k)fluoranthene
Concen: 4.75 ng/ul
RT: 22.91 min Scan# 3439
Delta R.T. -0.00 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

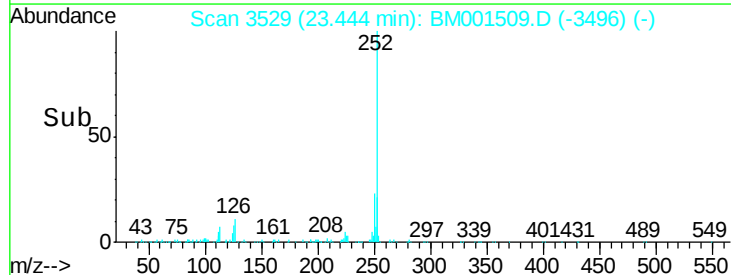
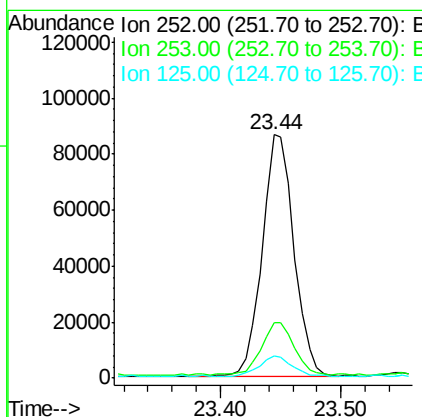
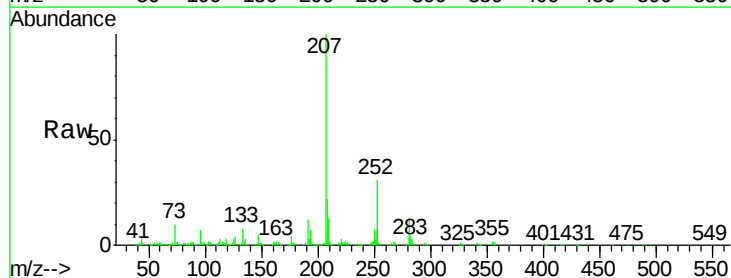
Instrument :
BNA_M
ClientSampleId :
SSTD00561

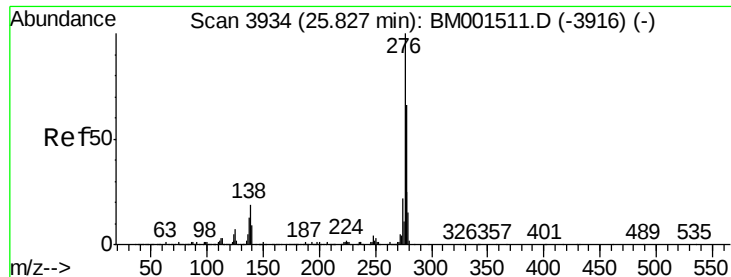
Tot Ion:252 Resp: 157045
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 8.3 6.4 9.6



#88
Benzo(a)pyrene
Concen: 4.89 ng/ul
RT: 23.44 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BM001509.D
Acq: 01 Jun 2015 20:14

Tgt Ion:252 Resp: 158624
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 9.0 6.9 10.3





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.21 ng/ul

RT: 25.82 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

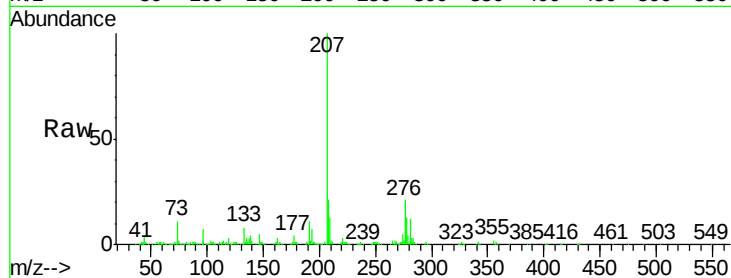
Tot Ion:276 Resp: 182285

Ion Ratio Lower Upper

276 100

138 19.8 15.3 22.9

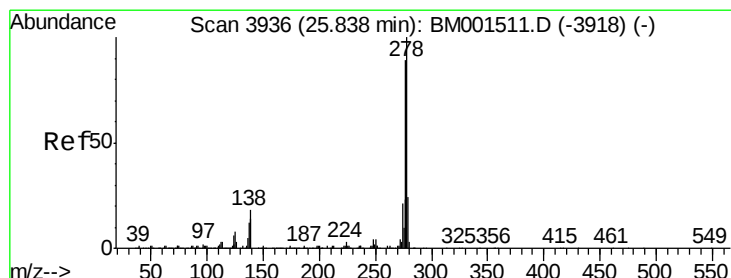
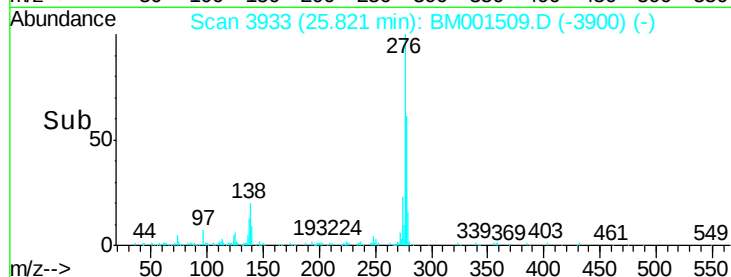
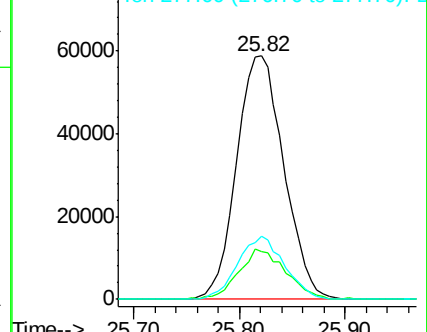
277 25.8 20.4 30.6



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: 5.26 ng/ul

RT: 25.84 min Scan# 3936

Delta R.T. -0.00 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

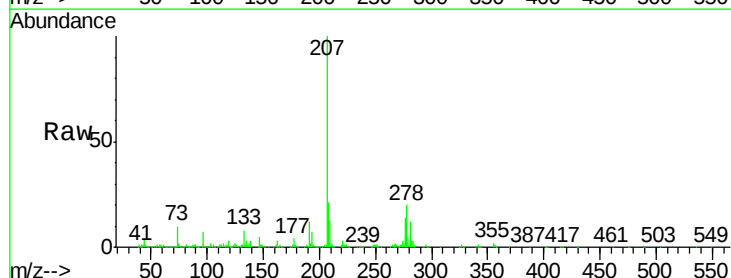
Tgt Ion:278 Resp: 155018

Ion Ratio Lower Upper

278 100

139 12.1 11.0 16.4

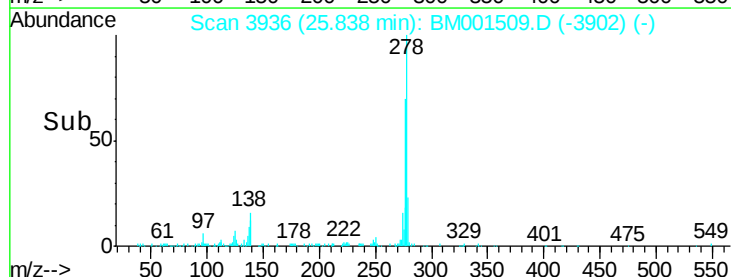
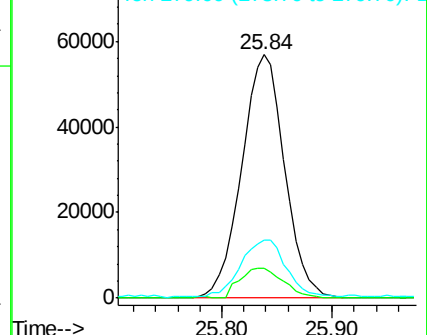
279 23.7 19.4 29.2

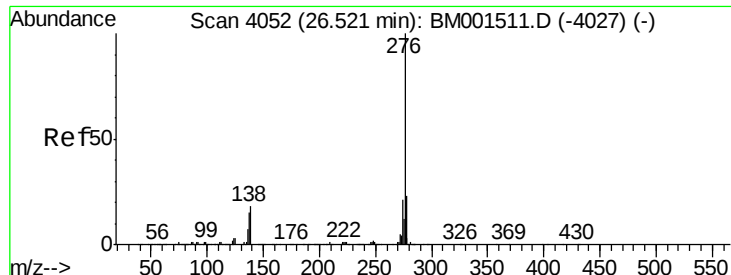


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 5.29 ng/ul

RT: 26.51 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM001509.D

Acq: 01 Jun 2015 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD00561

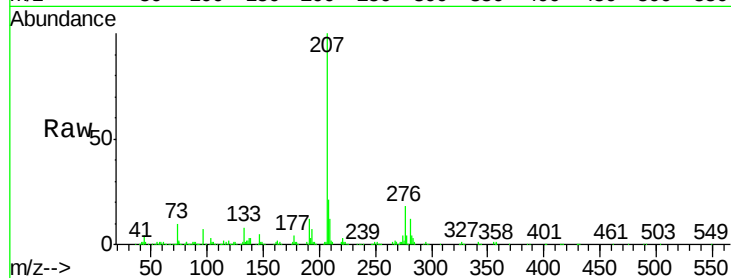
Tot Ion:276 Resp: 153922

Ion Ratio Lower Upper

276 100

138 19.1 14.2 21.2

277 24.0 18.6 27.8



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

