

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
 Data File : BM001997.D
 Acq On : 21 Jul 2015 21:51
 Operator : TP/UM
 Sample : SSTD00560
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00560

Quant Time: Jul 22 01:17:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 22 00:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	83098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	238822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	146035	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	422455	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	359510	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	331342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3885	2.25	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	7.15	132	24570	4.59	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.78	128	9542	5.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	10693	5.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	22314	5.71	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.69	166	52056	4.49	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	64135	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.27	176	49090	4.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.13	188	96085	4.93	ng/ul	0.00
78) Pyrene-d10	19.43	212	106433	6.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	82176	4.91	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	4059	2.21	ng/uL#	90
10) 2-Chlorophenol	7.18	128	24993	4.59	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	14099	3.24	ng/ul	95
17) Hexachloroethane	8.69	117	9128	4.22	ng/ul	100
20) Nitrobenzene	8.82	77	25346	5.86	ng/ul	99
21) Isophorone	9.34	82	43231	5.52	ng/ul	99
23) 2-Nitrophenol	9.53	139	11722	5.61	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	33138	7.40	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.83	93	31064	6.28	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	21947	5.74	ng/ul	98
28) Naphthalene	10.46	128	61474	5.17	ng/ul	99
31) Hexachlorobutadiene	10.74	225	14016	5.05	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	17734	4.28	ng/ul	92
34) 2-Methylnaphthalene	12.08	142	55744	6.28	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	35007	6.35	ng/ul	97
38) 2,4,6-Trichlorophenol	12.70	196	17262	5.25	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	19007	5.42	ng/ul	94
40) 1,1'-Biphenyl	13.11	154	59645	5.06	ng/ul	96
41) 2-Chloronaphthalene	13.15	162	46128	5.03	ng/ul	96
42) 2-Nitroaniline	13.36	65	7798	3.15	ng/ul	92
44) Dimethylphthalate	13.74	163	54121	4.55	ng/ul#	98
45) 2,6-Dinitrotoluene	13.87	165	8359	3.49	ng/ul	95
47) Acenaphthylene	14.00	152	69076	4.80	ng/ul	99

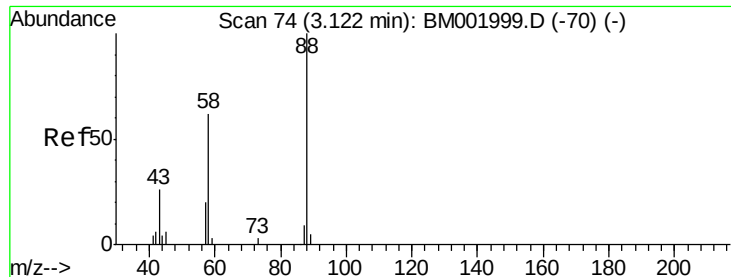
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.35	153	47719	4.89	ng/ul	100
53) Dibenzofuran	14.68	168	69692	5.03	ng/ul	95
54) 2,4-Dinitrotoluene	14.66	165	12490	3.58	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.91	232	12589	4.05	ng/ul#	98
56) Diethylphthalate	15.11	149	49413	4.20	ng/ul	98
58) Fluorene	15.33	166	58278	4.98	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	32791	5.16	ng/ul	98
64) N-Nitrosodiphenylamine	15.54	169	45657	3.62	ng/ul	95
65) 4-Bromophenyl-phenylether	16.22	248	17842	3.74	ng/ul	92
66) Hexachlorobenzene	16.33	284	20030	3.79	ng/ul	98
69) Phenanthrene	17.07	178	112158	4.94	ng/ul	100
71) Anthracene	17.16	178	116406	4.89	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	26977	4.15	ng/uL	97
73) Pentachlorobenzene	14.60	250	25013	3.93	ng/uL	96
75) Di-n-butylphthalate	18.00	149	90548	3.96	ng/ul	99
79) Pyrene	19.46	202	137949	6.67	ng/ul	99
80) Butylbenzylphthalate	20.36	149	27659	3.46	ng/ul	99
82) Benzo(a)anthracene	21.21	228	107922	5.03	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	43518	3.65	ng/ul#	97
84) Chrysene	21.26	228	103562	5.02	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	101302	4.55	ng/ul	97
88) Benzo(k)fluoranthene	22.81	252	97769	4.67	ng/ul	99
90) Benzo(a)pyrene	23.33	252	92273	4.83	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.65	276	107484	5.25	ng/ul	98
92) Dibenzo(a,h)anthracene	25.66	278	92593	5.34	ng/ul	99
93) Benzo(g,h,i)perylene	26.33	276	90309	5.33	ng/ul	99

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



#2

1,4-Dioxane

Concen: 2.21 ng/uL

RT: 3.13 min Scan# 75

Delta R.T. 0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

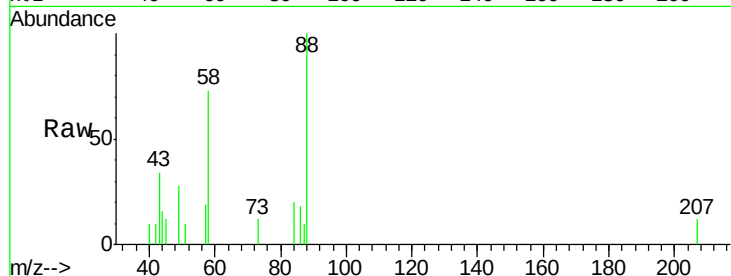
Tgt Ion: 88 Resp: 4059

Ion Ratio Lower Upper

88 100

43 36.8 22.5 33.7#

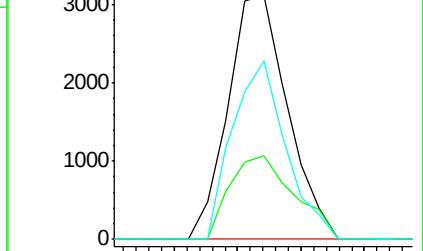
58 65.5 48.5 72.7



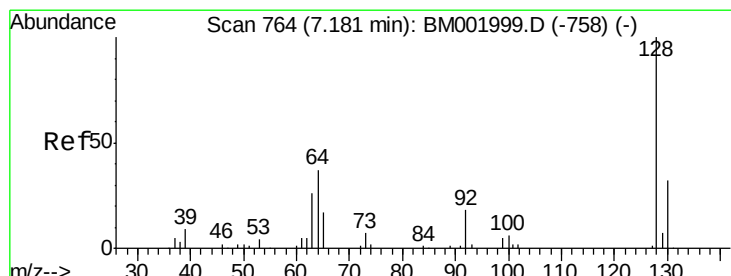
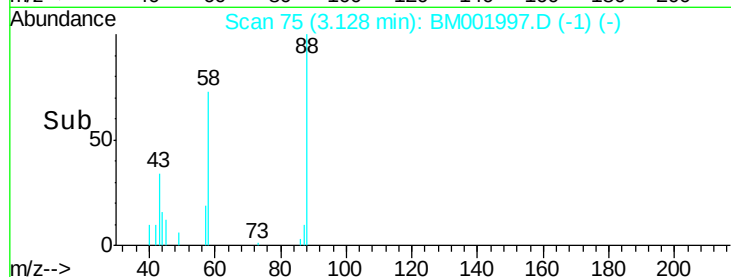
Abundance Ion 88.00 (87.70 to 88.70): BM001999.D (-70) (-)

Ion 43.00 (42.70 to 43.70): BM001999.D (-70) (-)

Ion 58.00 (57.70 to 58.70): BM001999.D (-70) (-)



Time-->



#10

2-Chlorophenol

Concen: 4.59 ng/uL

RT: 7.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

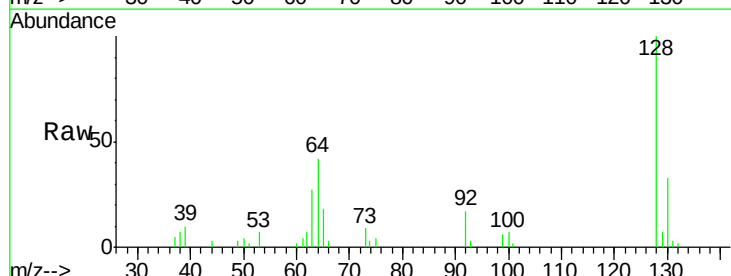
Tgt Ion: 128 Resp: 24993

Ion Ratio Lower Upper

128 100

64 42.2 33.2 49.8

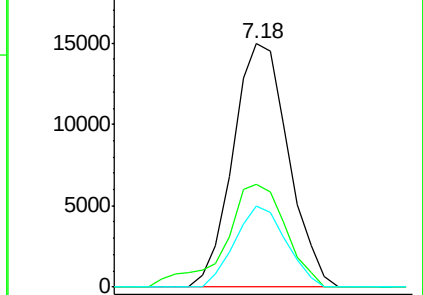
130 33.5 25.4 38.2



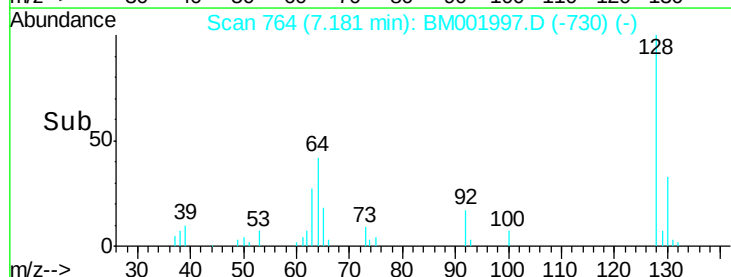
Abundance Ion 128.00 (127.70 to 128.70): BM001999.D (-758) (-)

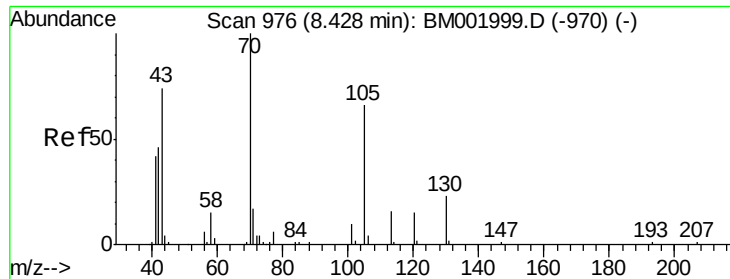
Ion 64.00 (63.70 to 64.70): BM001999.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM001999.D (-758) (-)



Time-->

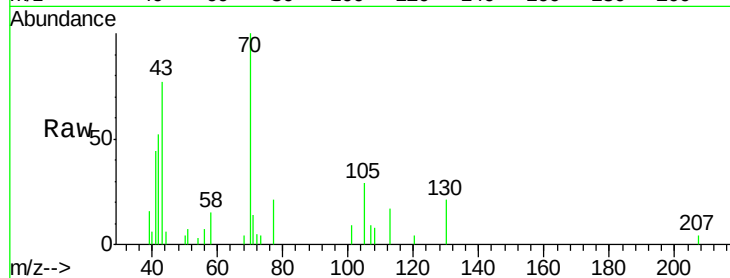




#15
N-Nitroso-di-n-propylamine
Concen: 3.24 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Instrument :
BNA_M
ClientSampleId :
SSTD00560

Tgt Ion:	70	Resp:	14099
Ion	Ratio	Lower	Upper
70	100		
42	52.0	38.2	57.2
101	8.9	8.1	12.1
130	21.3	18.5	27.7

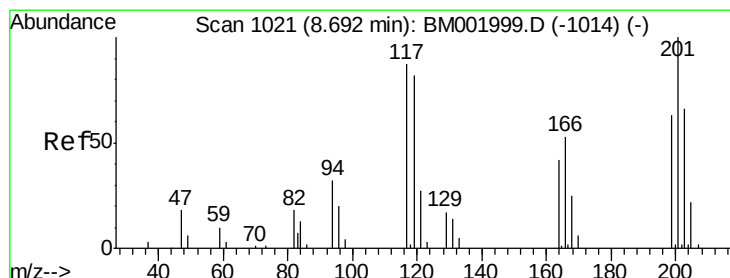
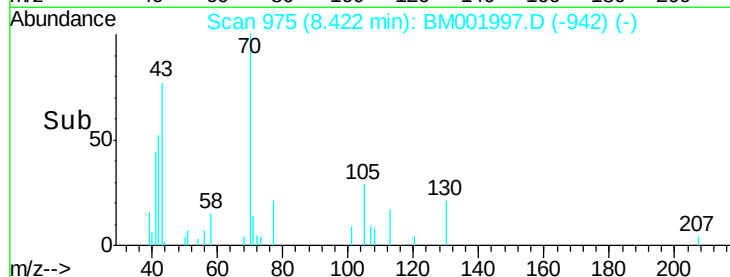
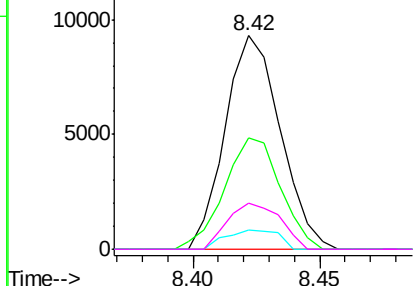


Abundance Ion 70.00 (69.70 to 70.70): BM001997.D (-970) (-)

Ion 42.00 (41.70 to 42.70): BM001997.D (-970) (-)

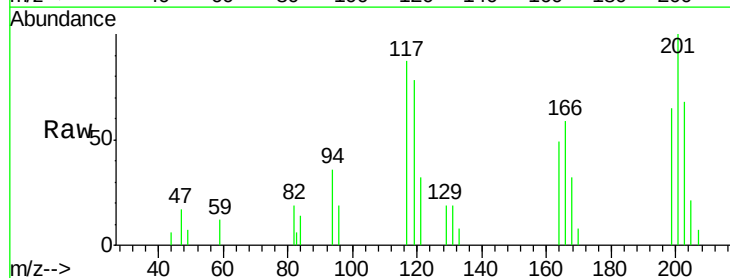
Ion 101.00 (100.70 to 101.70): BM001997.D (-970) (-)

Ion 130.00 (129.70 to 130.70): BM001997.D (-970) (-)



#17
Hexachloroethane
Concen: 4.22 ng/ul
RT: 8.69 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

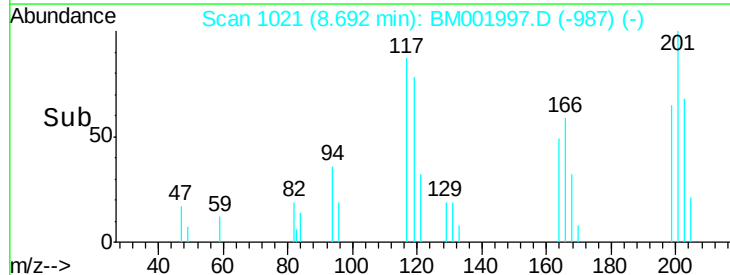
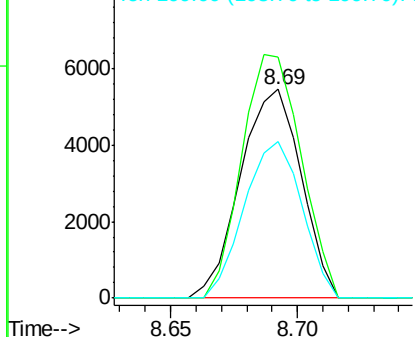
Tgt Ion:	117	Resp:	9128
Ion	Ratio	Lower	Upper
117	100		
201	115.5	92.4	138.6
199	74.9	59.6	89.4

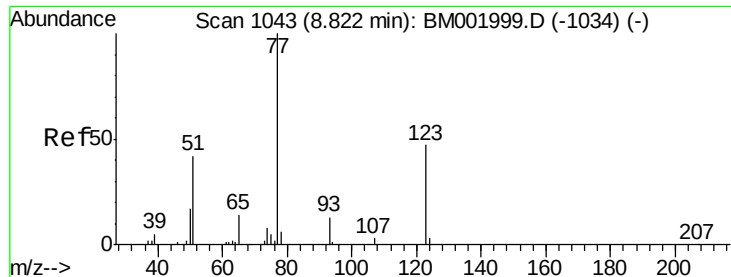


Abundance Ion 117.00 (116.70 to 117.70): BM001997.D (-1014) (-)

Ion 201.00 (200.70 to 201.70): BM001997.D (-1014) (-)

Ion 199.00 (198.70 to 199.70): BM001997.D (-1014) (-)

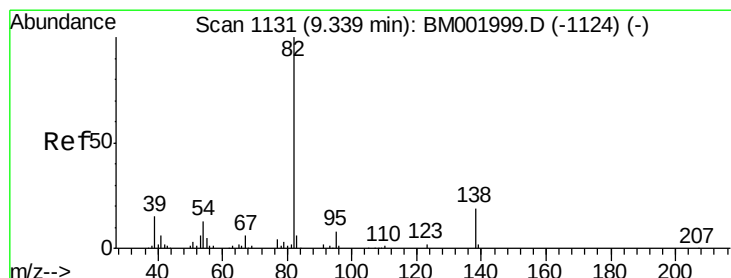
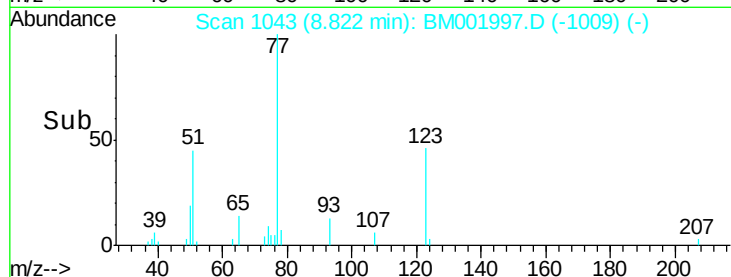
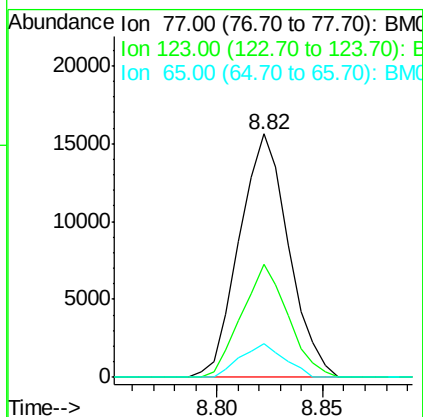
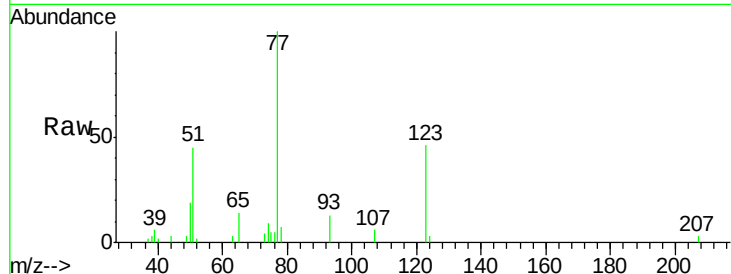




#20
Nitrobenzene
Concen: 5.86 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

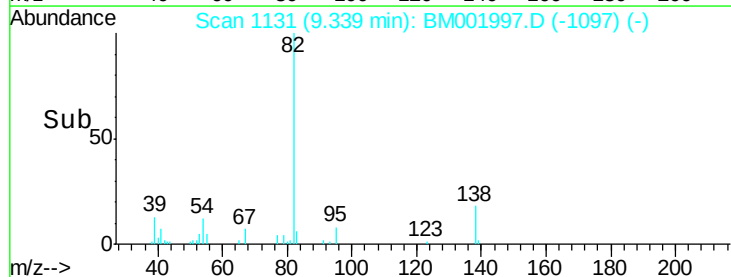
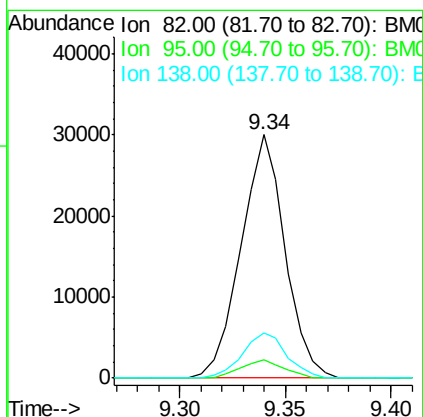
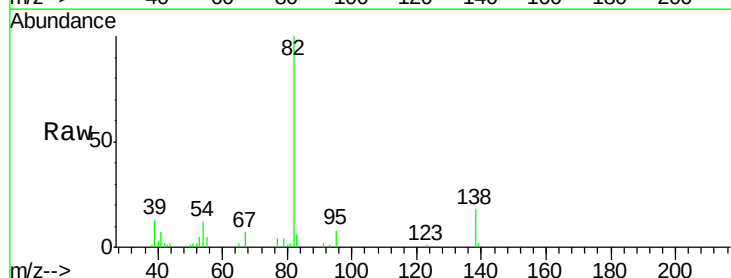
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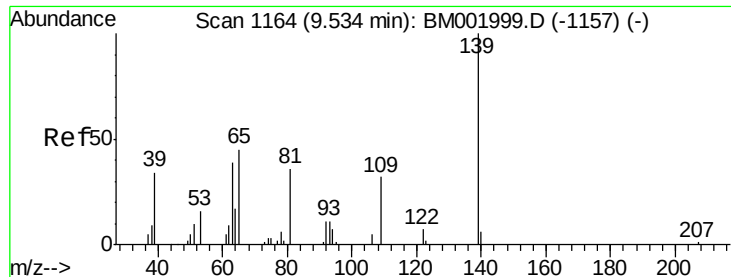
Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.4	56.2
65	13.8	11.0	16.4



#21
Isophorone
Concen: 5.52 ng/ul
RT: 9.34 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	18.5	15.1	22.7

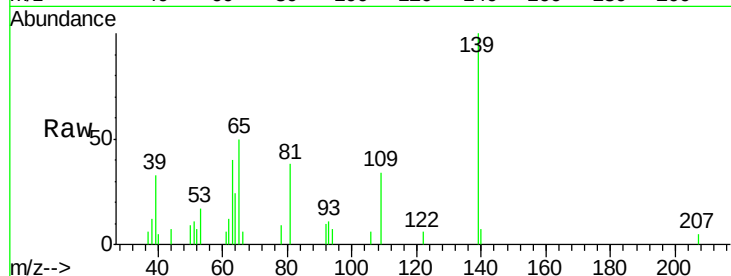




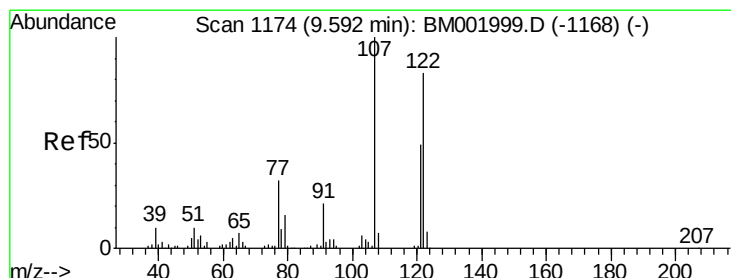
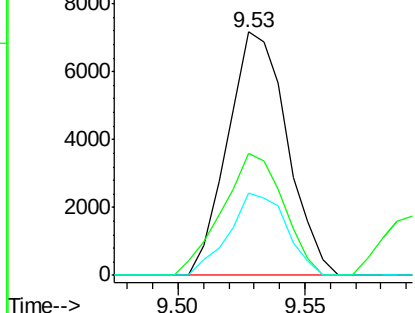
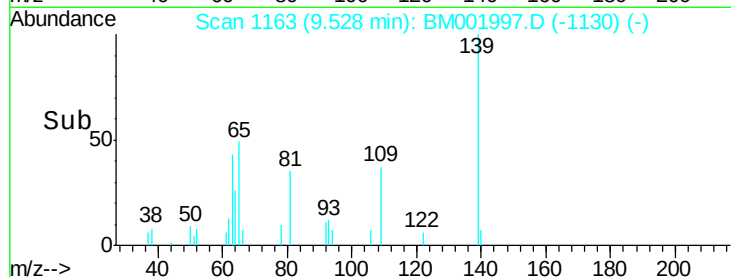
#23
2-Nitrophenol
Concen: 5.61 ng/ul
RT: 9.53 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Instrument :
BNA_M
ClientSampleId :
SSTD00560

Tgt Ion:139 Resp: 11722
Ion Ratio Lower Upper
139 100
65 50.3 37.7 56.5
109 33.9 25.8 38.8

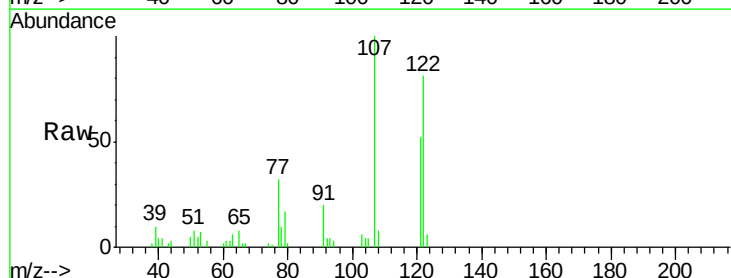


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

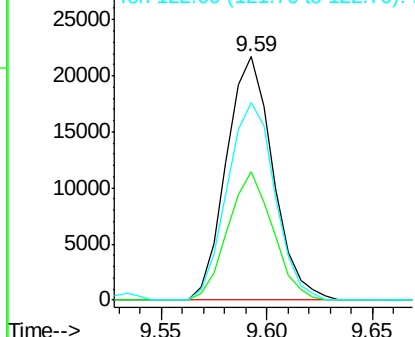
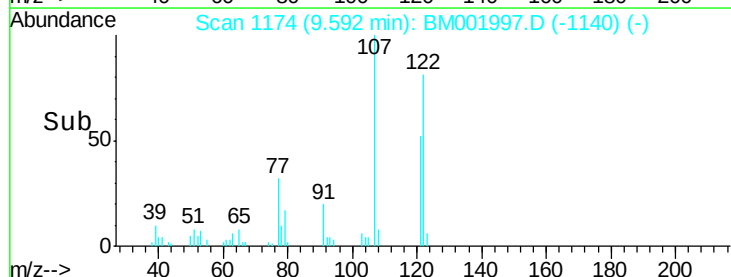


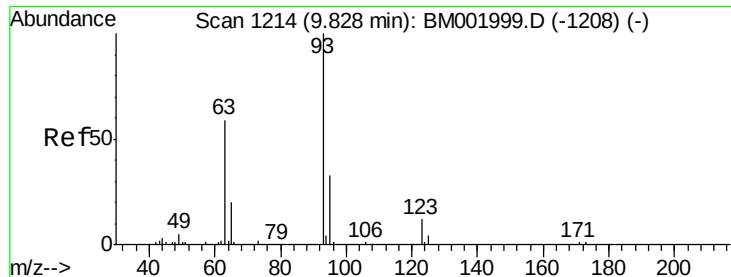
#24
2,4-Dimethylphenol
Concen: 7.40 ng/ul
RT: 9.59 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:107 Resp: 33138
Ion Ratio Lower Upper
107 100
121 52.5 39.0 58.4
122 80.9 66.6 99.8



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: 6.28 ng/ul

RT: 9.83 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

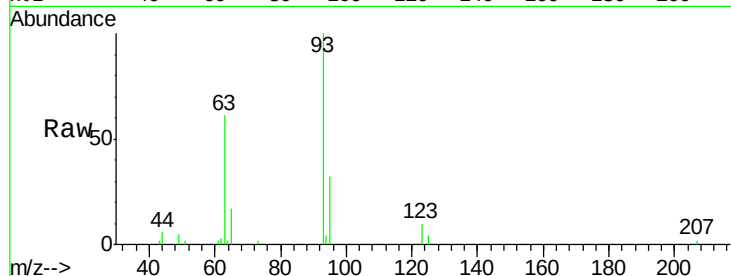
Tgt Ion: 93 Resp: 31064

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

123 10.5 9.4 14.0

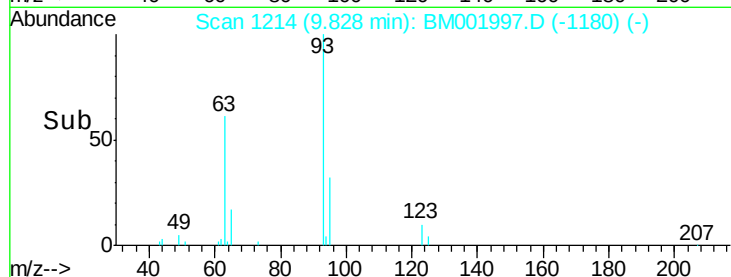


Abundance Ion 93.00 (92.70 to 93.70): BM001999.D (-1208) (-)

Ion 95.00 (94.70 to 95.70): BM001999.D (-1208) (-)

Ion 123.00 (122.70 to 123.70): BM001999.D (-1208) (-)

Time-->

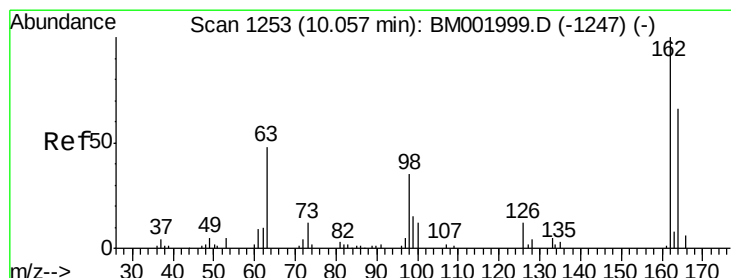


Abundance Ion 93.00 (92.70 to 93.70): BM001999.D (-1208) (-)

Ion 95.00 (94.70 to 95.70): BM001999.D (-1208) (-)

Ion 123.00 (122.70 to 123.70): BM001999.D (-1208) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 5.74 ng/ul

RT: 10.06 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

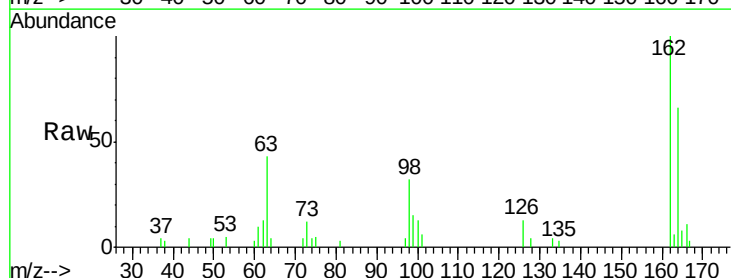
Tgt Ion: 162 Resp: 21947

Ion Ratio Lower Upper

162 100

164 65.5 53.1 79.7

98 32.3 28.2 42.4

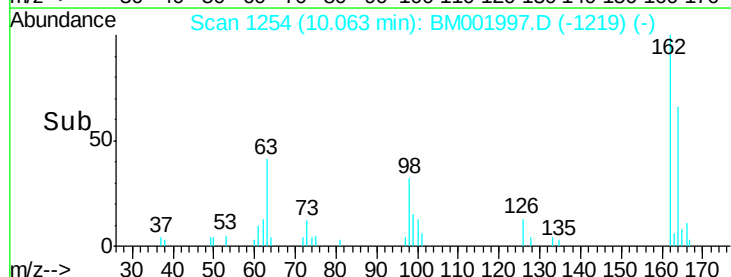


Abundance Ion 162.00 (161.70 to 162.70): BM001999.D (-1247) (-)

Ion 164.00 (163.70 to 164.70): BM001999.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): BM001999.D (-1247) (-)

Time-->

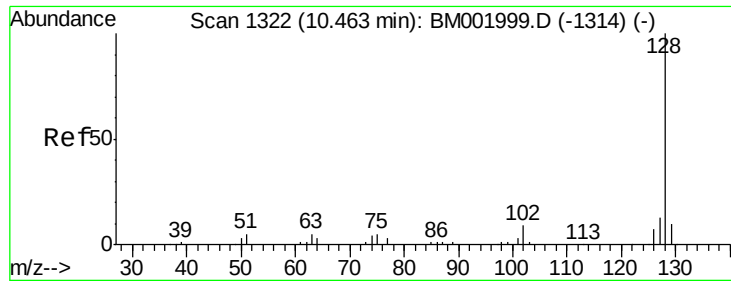


Abundance Ion 162.00 (161.70 to 162.70): BM001999.D (-1247) (-)

Ion 164.00 (163.70 to 164.70): BM001999.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): BM001999.D (-1247) (-)

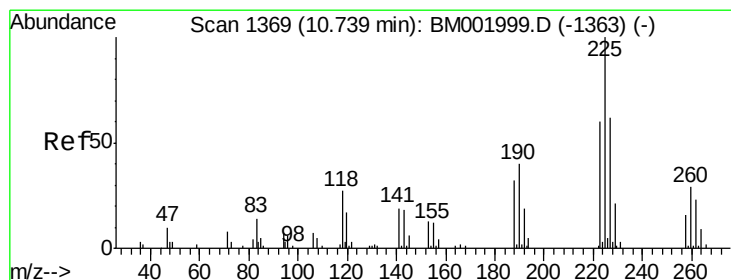
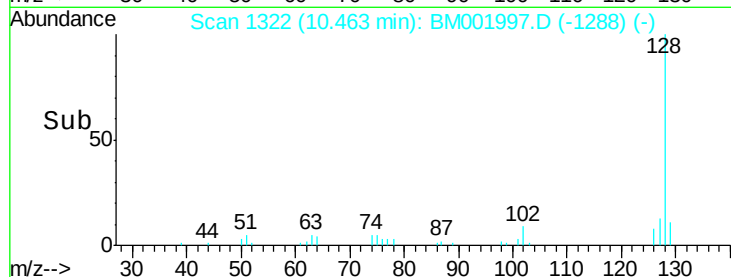
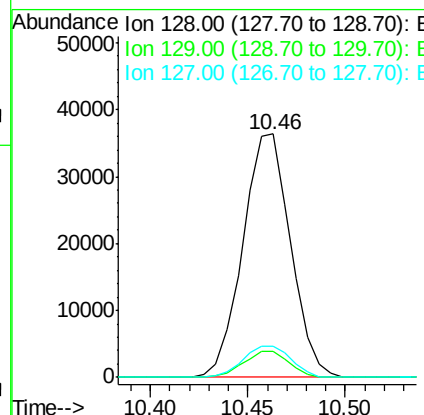
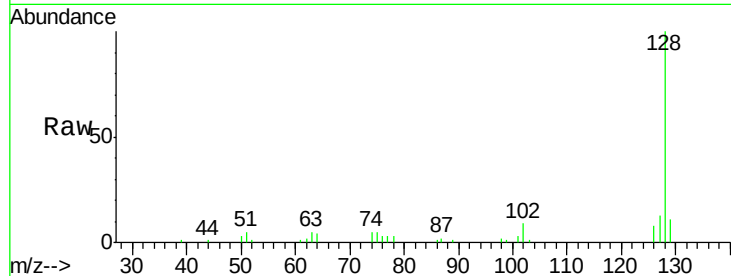
Time-->



#28
Naphthalene
Concen: 5.17 ng/ul
RT: 10.46 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

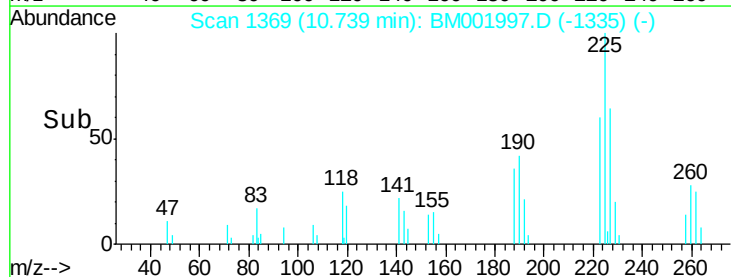
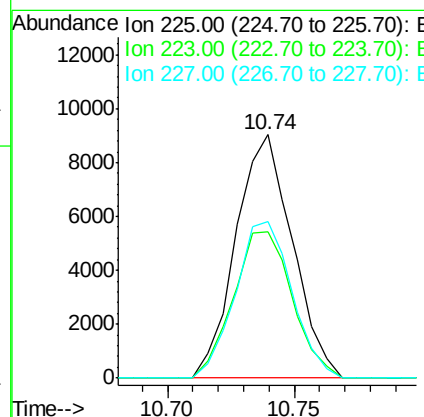
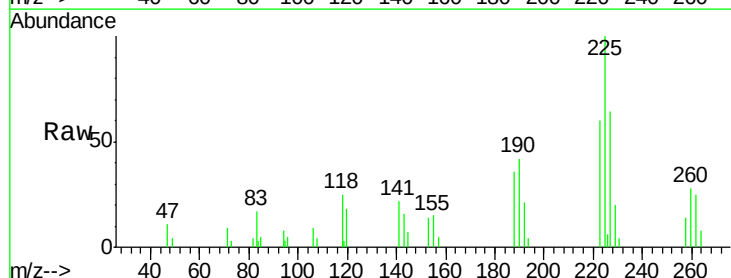
Instrument :
BNA_M
ClientSampleId :
SSTD00560

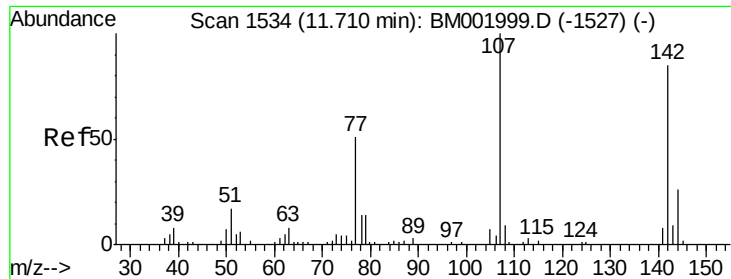
Tgt Ion:128 Resp: 61474
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.3 15.5



#31
Hexachlorobutadiene
Concen: 5.05 ng/ul
RT: 10.74 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:225 Resp: 14016
Ion Ratio Lower Upper
225 100
223 60.1 48.0 72.0
227 64.1 49.9 74.9

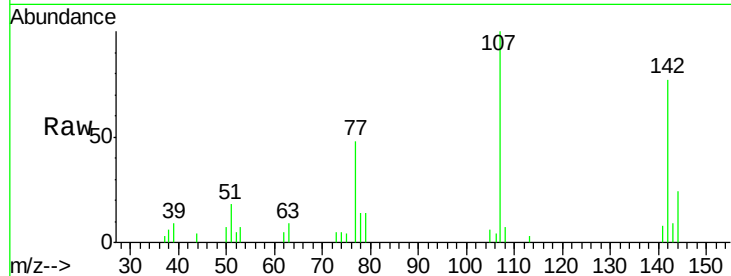




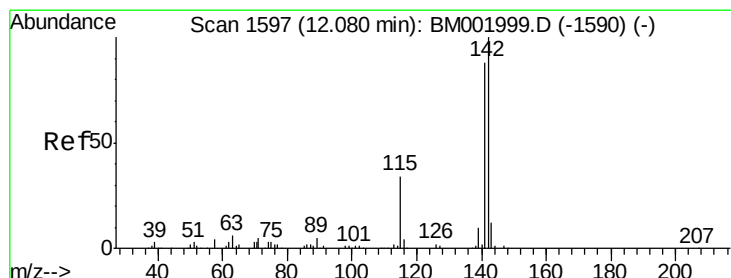
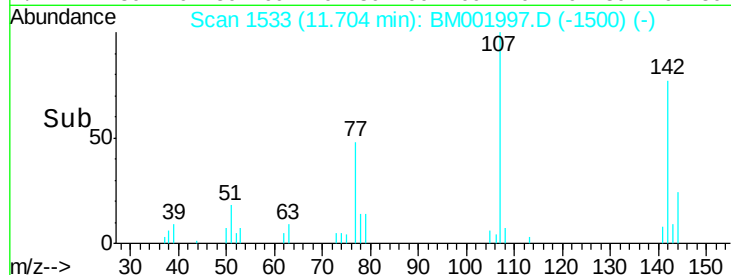
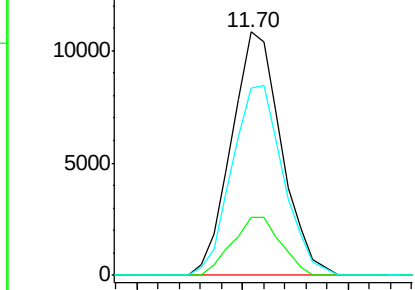
#33
 4-Chloro-3-methylphenol
 Concen: 4.28 ng/ul
 RT: 11.70 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SST00560

Tgt Ion:107 Resp: 17734
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.6 30.8
 142 77.2 68.3 102.5

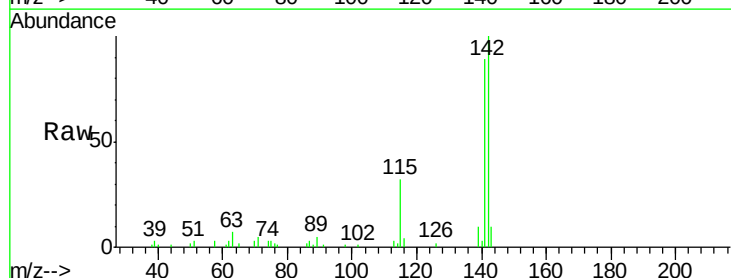


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

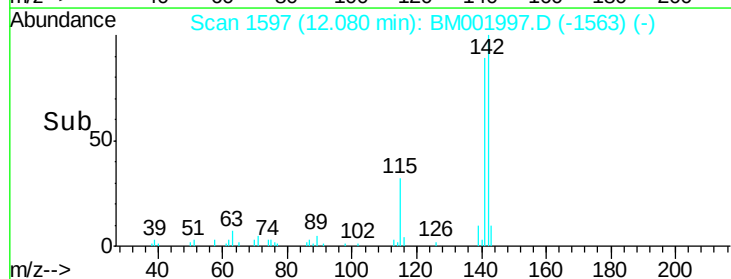
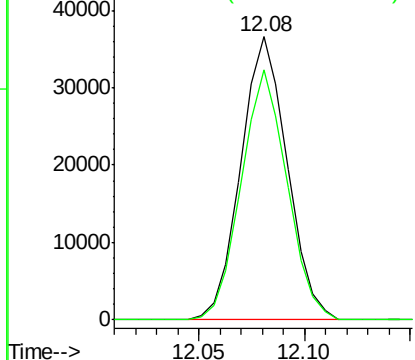


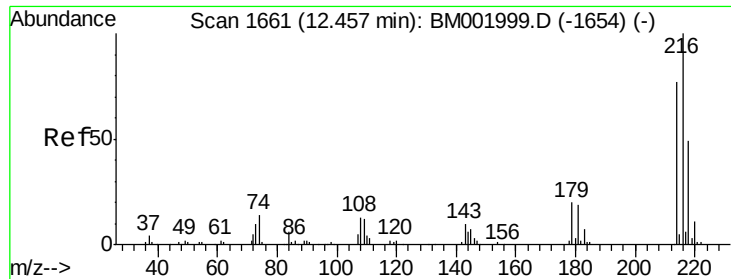
#34
 2-Methylnaphthalene
 Concen: 6.28 ng/ul
 RT: 12.08 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion:142 Resp: 55744
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.0 105.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

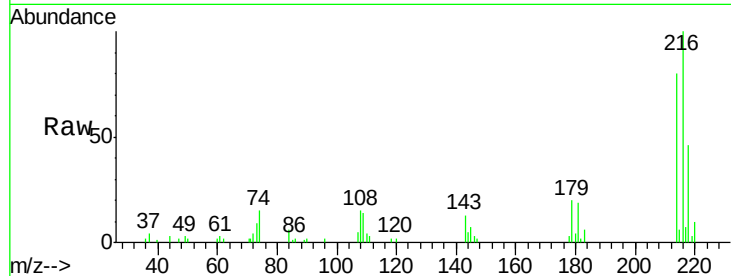




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.35 ng/ul
 RT: 12.46 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SST00560

Tgt Ion:	216	Resp:	35007
Ion	Ratio	Lower	Upper
216	100		
214	80.0	61.8	92.6
179	20.4	16.0	24.0
108	15.1	11.3	16.9

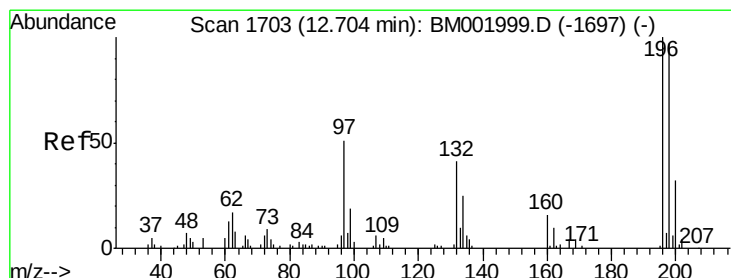
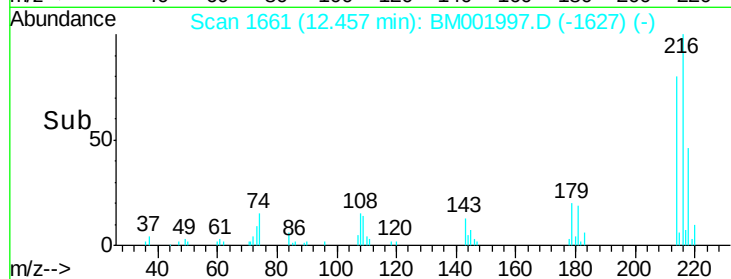
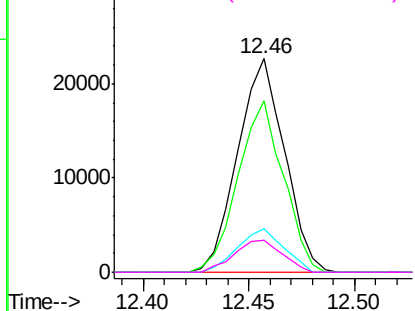


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

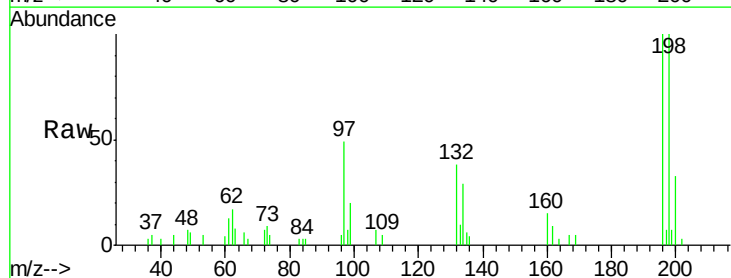
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 2,4,6-Trichlorophenol
 Concen: 5.25 ng/ul
 RT: 12.70 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

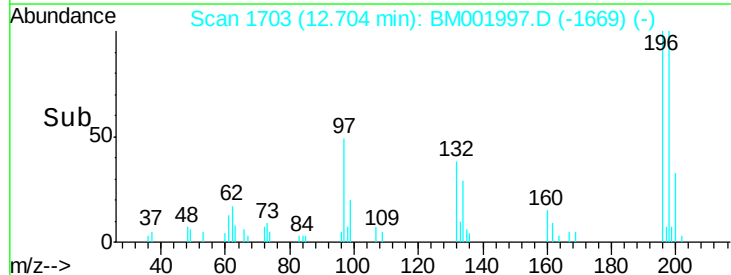
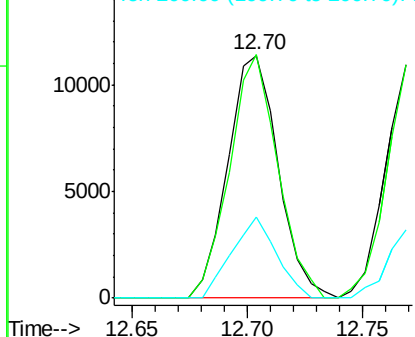
Tgt Ion:	196	Resp:	17262
Ion	Ratio	Lower	Upper
196	100		
198	100.4	77.8	116.6
200	33.5	25.8	38.6

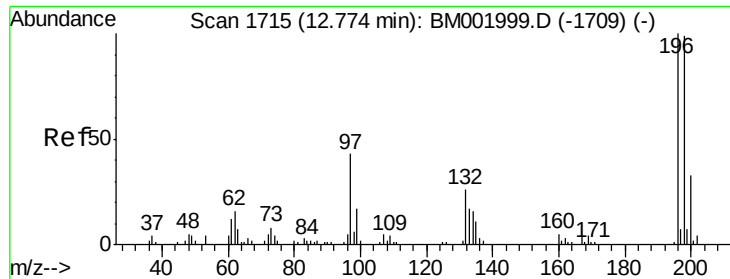


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

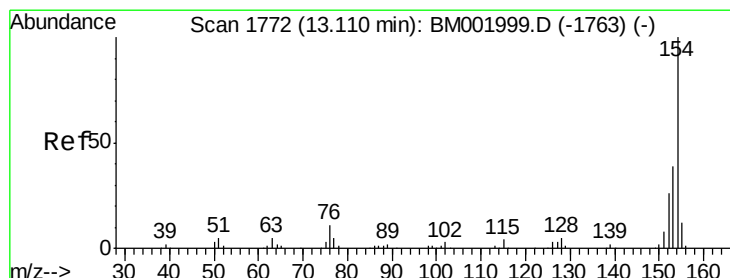
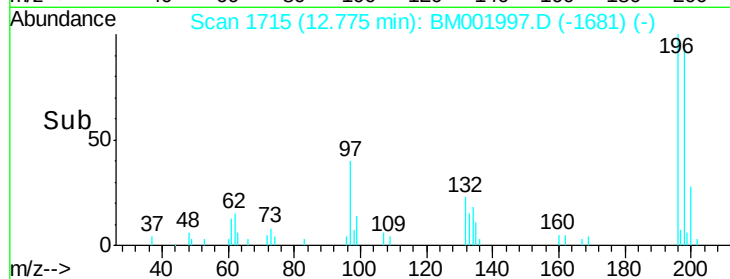
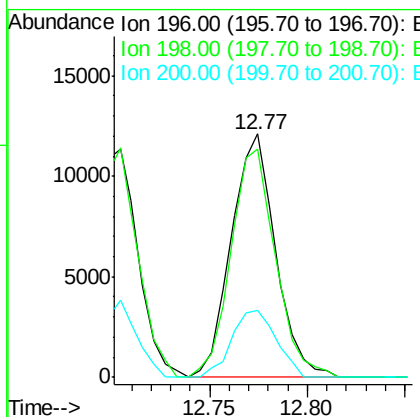
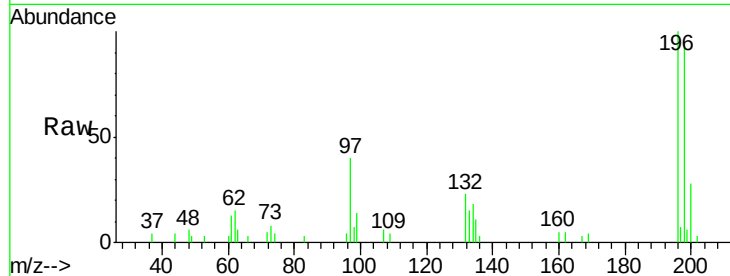




#39
 2,4,5-Trichlorophenol
 Concen: 5.42 ng/ul
 RT: 12.77 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

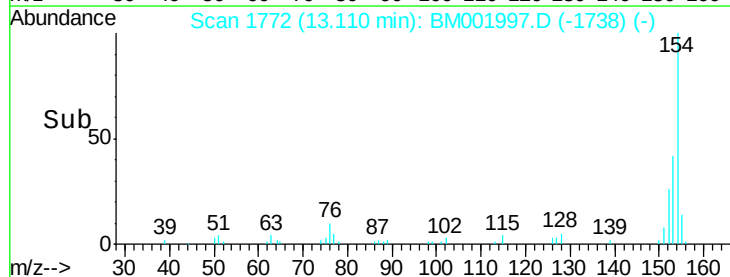
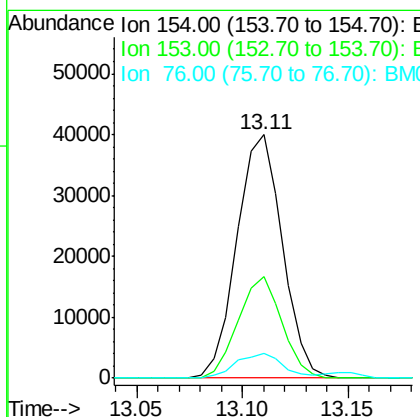
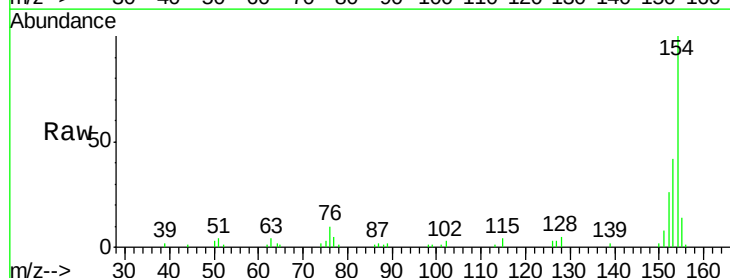
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00560

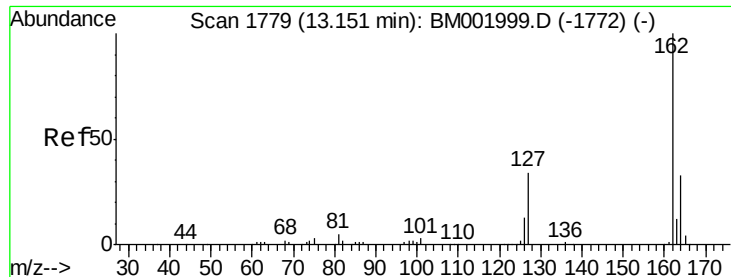
Tgt Ion:196 Resp: 19007
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.9 118.3
 200 27.6 25.9 38.9



#40
 1,1'-Biphenyl
 Concen: 5.06 ng/ul
 RT: 13.11 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion:154 Resp: 59645
 Ion Ratio Lower Upper
 154 100
 153 41.7 31.2 46.8
 76 10.3 8.8 13.2

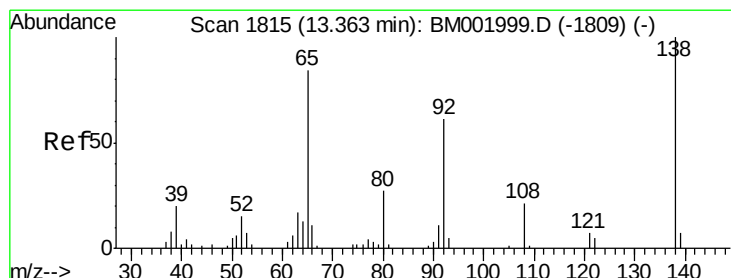
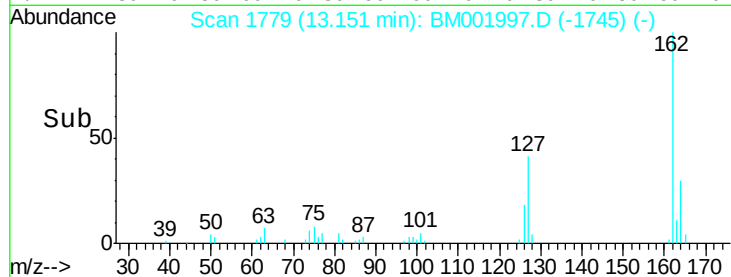
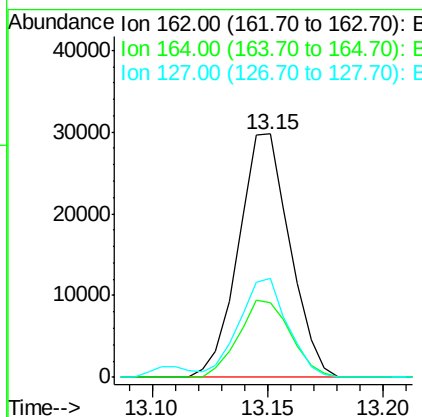
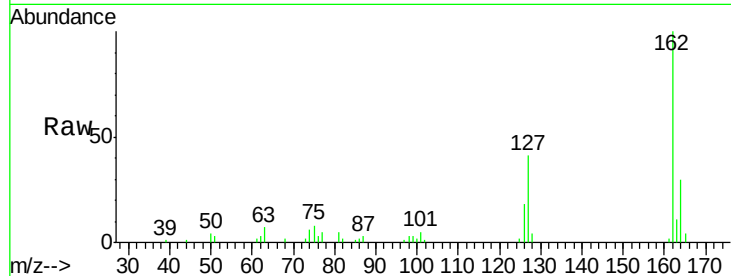




#41
 2-Chloronaphthalene
 Concen: 5.03 ng/ul
 RT: 13.15 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

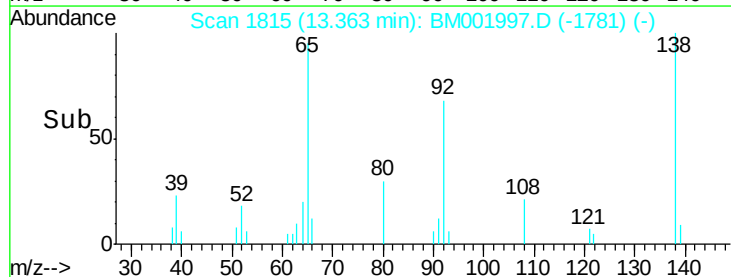
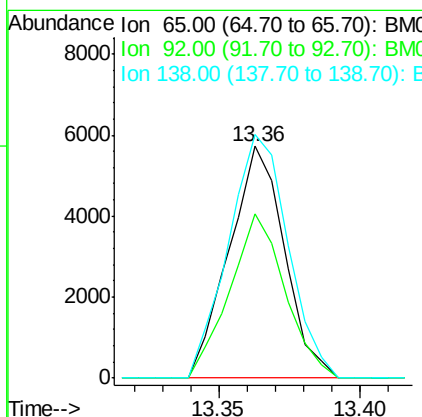
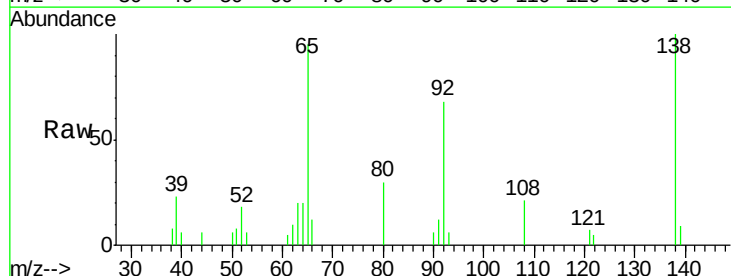
Instrument :
 BNA_M
 ClientSampleId :
 SST00560

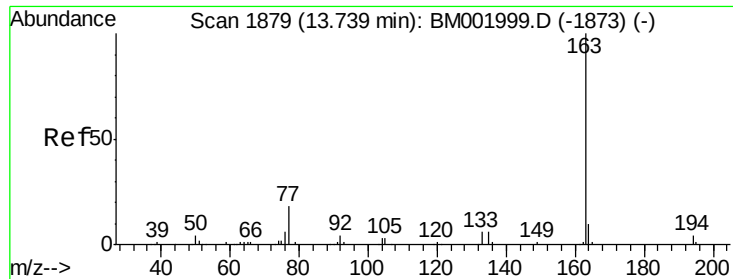
Tgt Ion: 162 Resp: 46128
 Ion Ratio Lower Upper
 162 100
 164 30.4 26.7 40.1
 127 40.8 30.8 46.2



#42
 2-Nitroaniline
 Concen: 3.15 ng/ul
 RT: 13.36 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion: 65 Resp: 7798
 Ion Ratio Lower Upper
 65 100
 92 71.1 58.2 87.2
 138 105.0 95.0 142.6

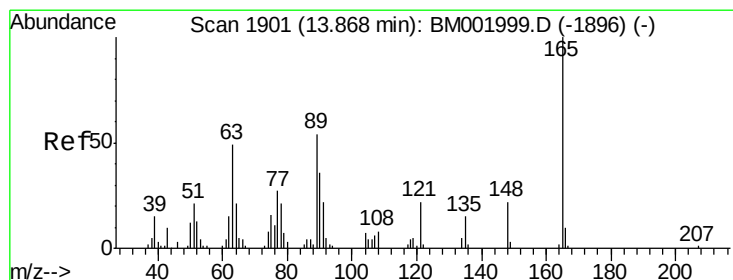
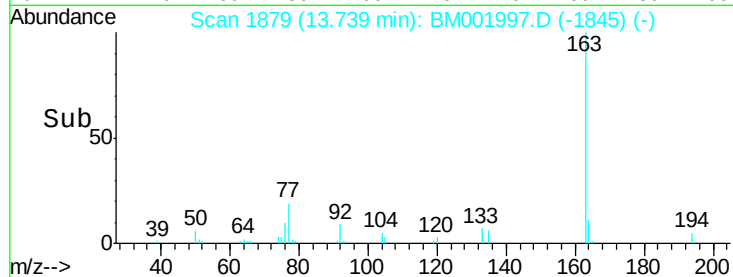
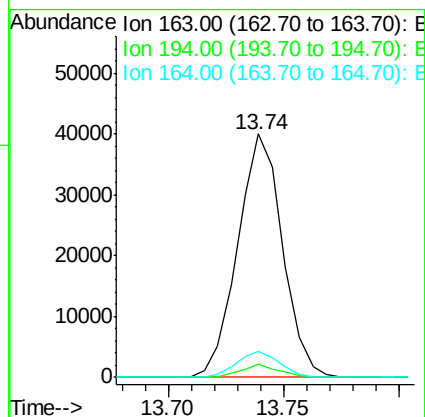
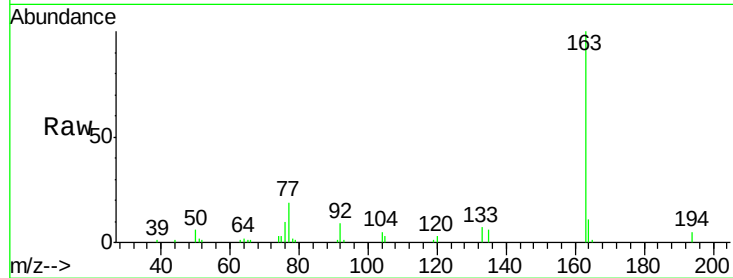




#44
Dimethylphthalate
Concen: 4.55 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

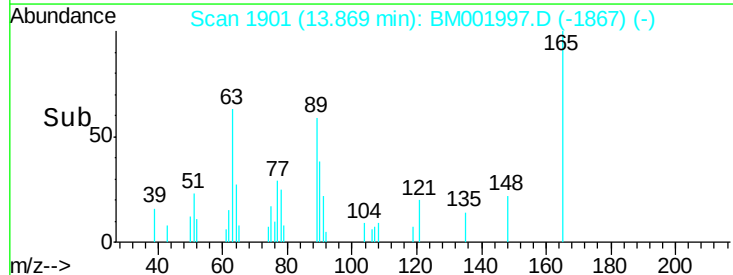
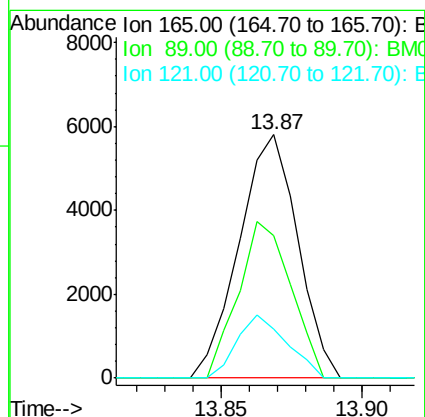
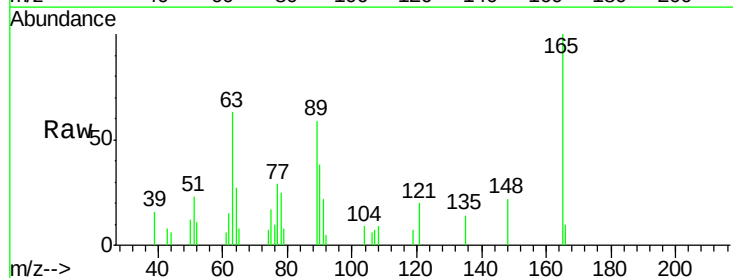
Instrument :
BNA_M
ClientSampleId :
SSTD00560

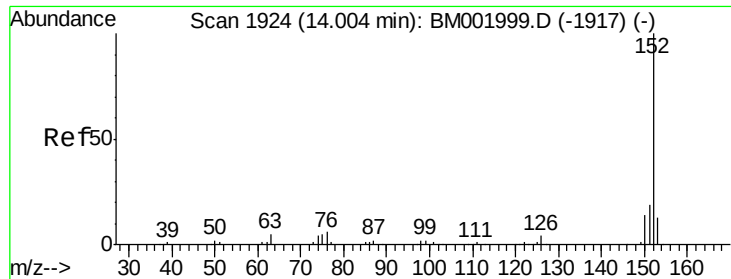
Tgt Ion:163 Resp: 54121
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.0#
164 10.9 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 3.49 ng/ul
RT: 13.87 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:165 Resp: 8359
Ion Ratio Lower Upper
165 100
89 58.6 43.2 64.8
121 20.0 17.2 25.8





#47

Acenaphthylene

Concen: 4.80 ng/ul

RT: 14.00 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

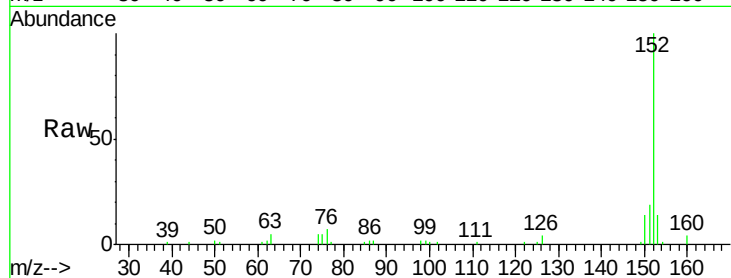
Tgt Ion:152 Resp: 69076

Ion Ratio Lower Upper

152 100

151 19.3 15.2 22.8

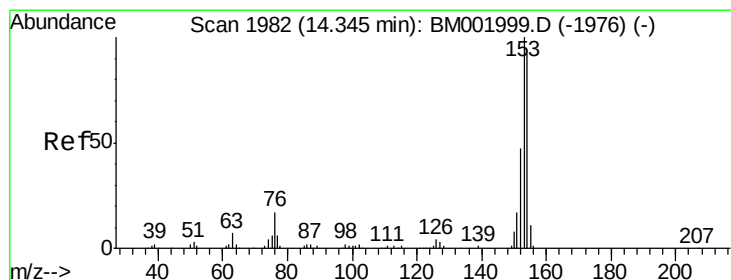
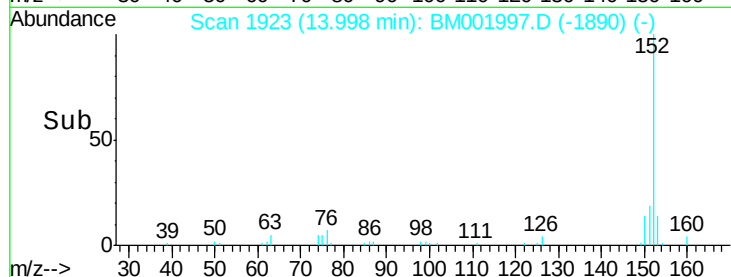
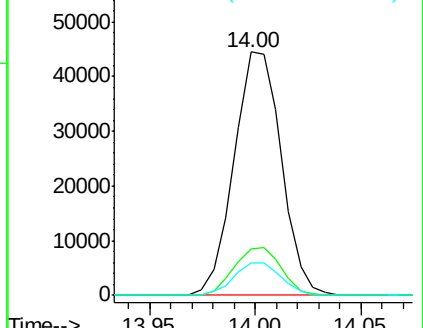
153 13.6 10.4 15.6



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: 4.89 ng/ul

RT: 14.35 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

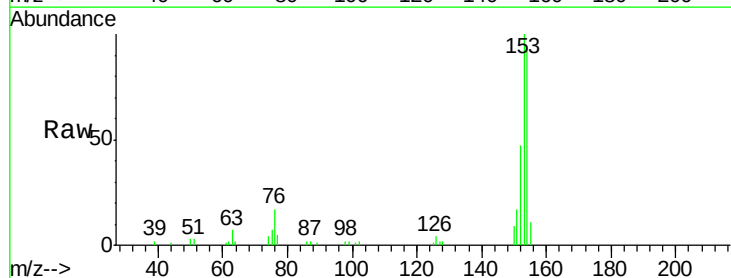
Tgt Ion:153 Resp: 47719

Ion Ratio Lower Upper

153 100

152 46.5 37.4 56.2

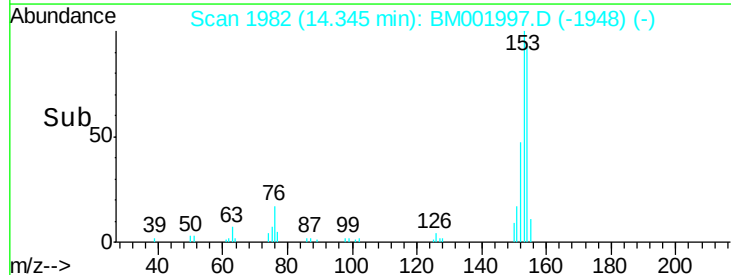
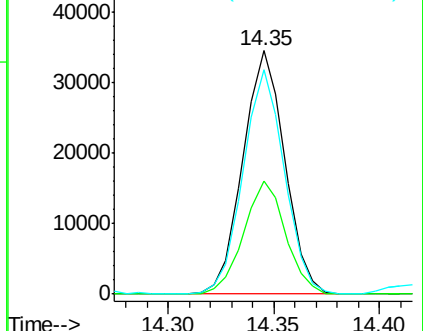
154 92.0 73.3 109.9

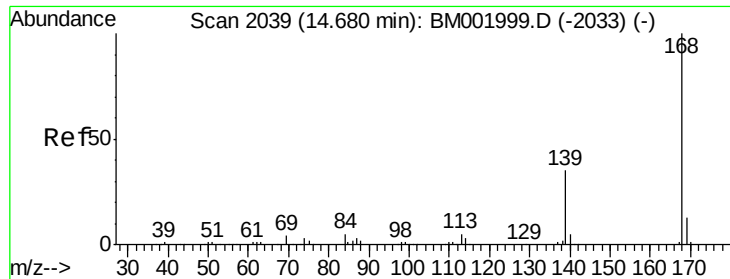


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 5.03 ng/ul

RT: 14.68 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

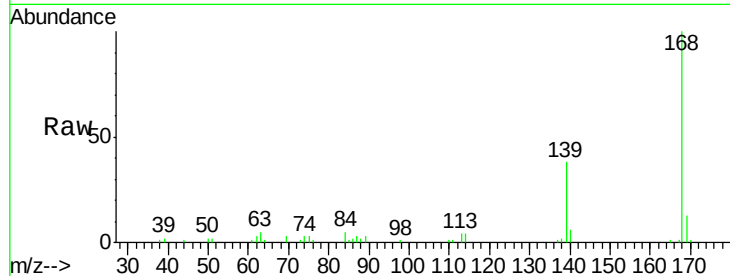
SSTD00560

Tgt Ion:168 Resp: 69692

Ion Ratio Lower Upper

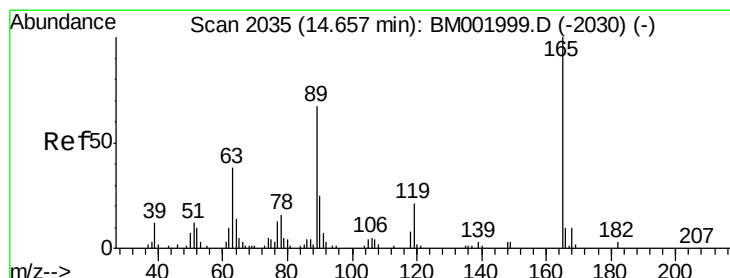
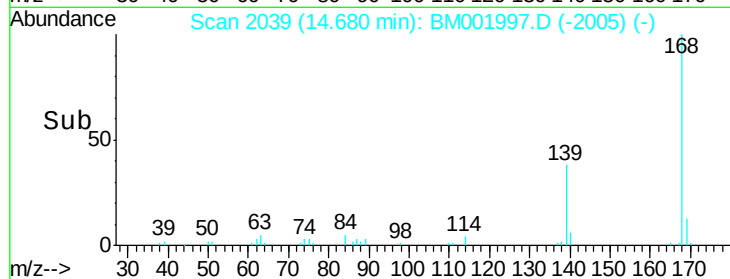
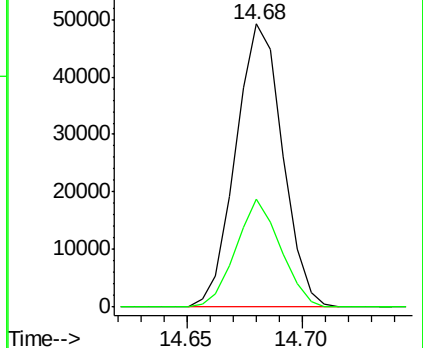
168 100

139 38.0 28.2 42.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 3.58 ng/ul

RT: 14.66 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

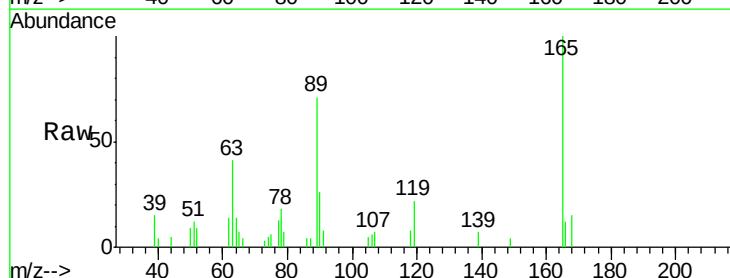
Tgt Ion:165 Resp: 12490

Ion Ratio Lower Upper

165 100

63 41.1 30.3 45.5

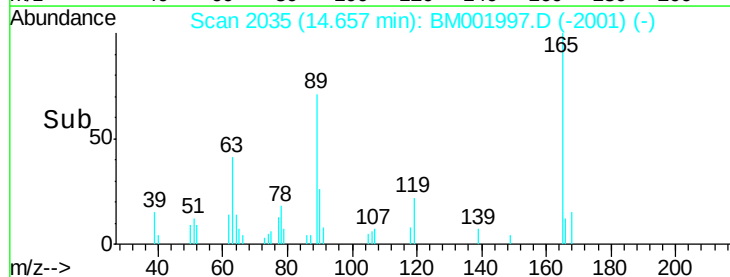
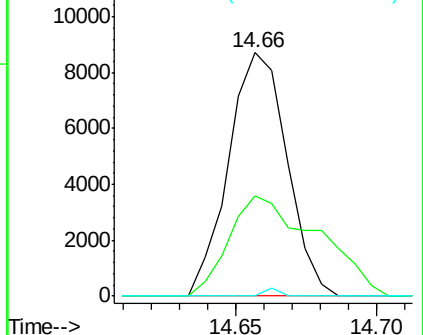
182 0.0 2.3 3.5#

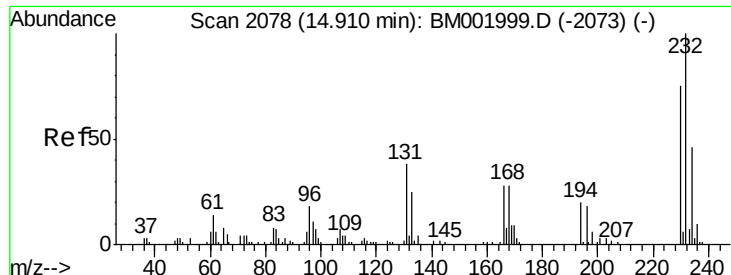


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

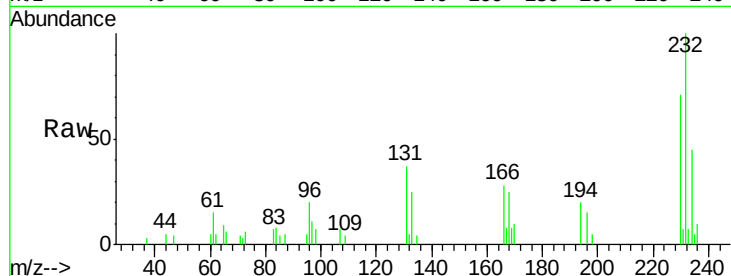




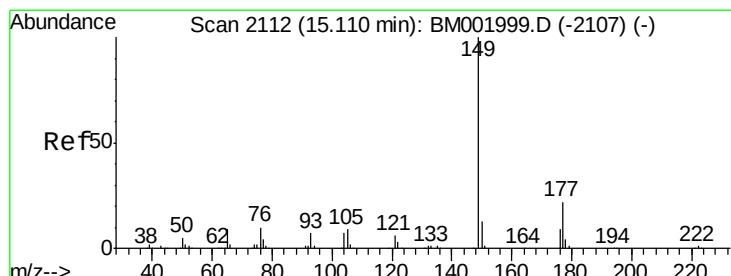
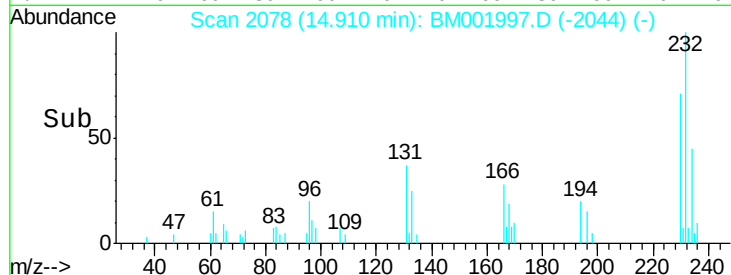
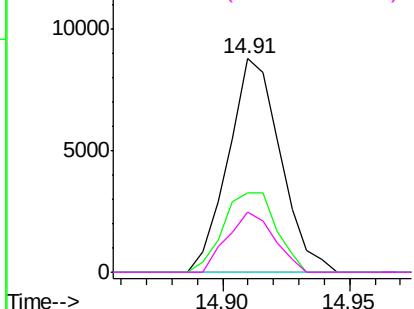
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 4.05 ng/ul
 RT: 14.91 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SST00560

Tgt Ion: 232 Resp: 12589
 Ion Ratio Lower Upper
 232 100
 131 37.1 30.4 45.6
 130 0.0 1.8 2.6#
 166 28.3 22.1 33.1

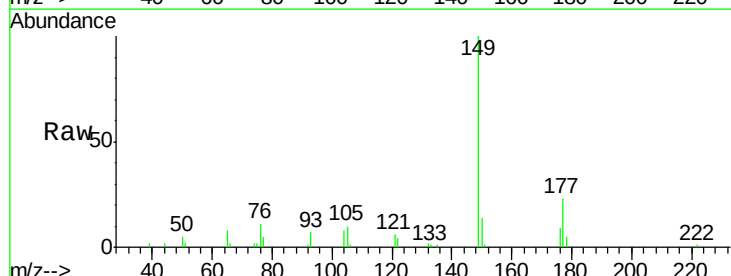


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

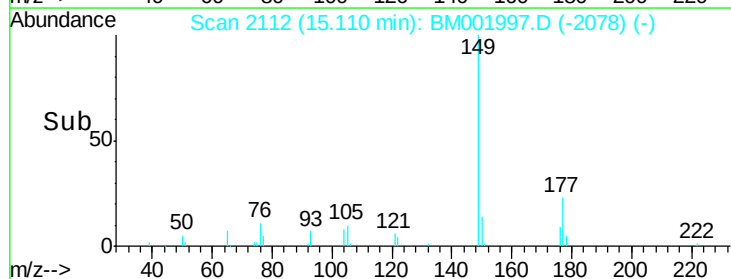
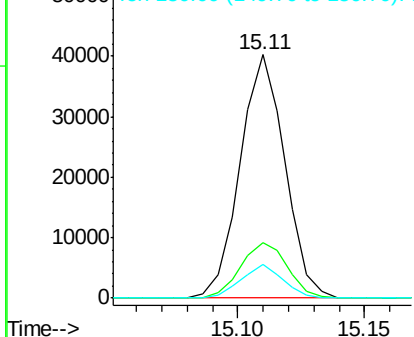


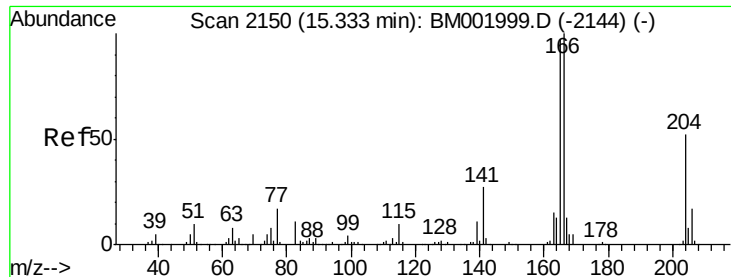
#56
 Diethylphthalate
 Concen: 4.20 ng/ul
 RT: 15.11 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion: 149 Resp: 49413
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.8 26.6
 150 14.0 10.3 15.5



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





#58

Fluorene

Concen: 4.98 ng/ul

RT: 15.33 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

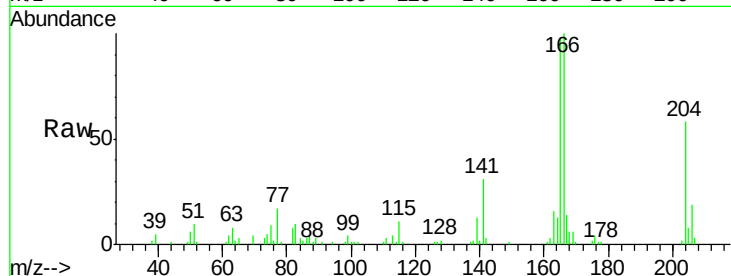
Tgt Ion:166 Resp: 58278

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

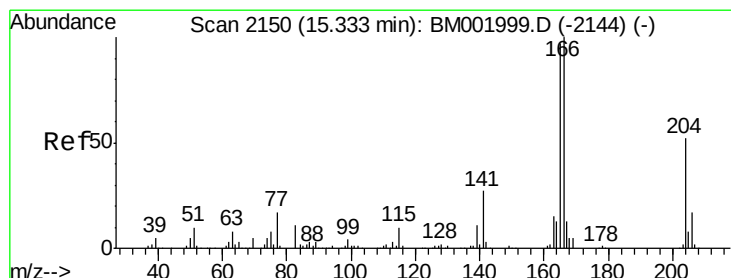
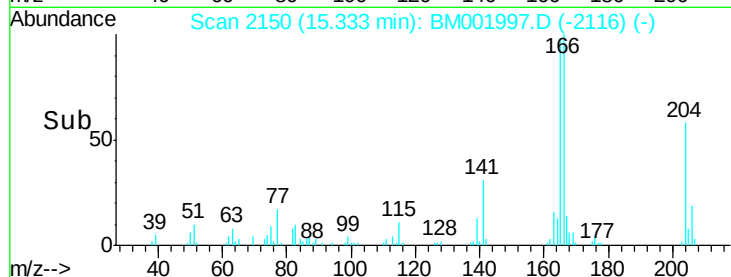
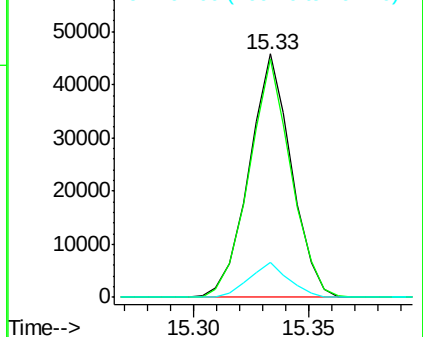
167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 5.16 ng/ul

RT: 15.33 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

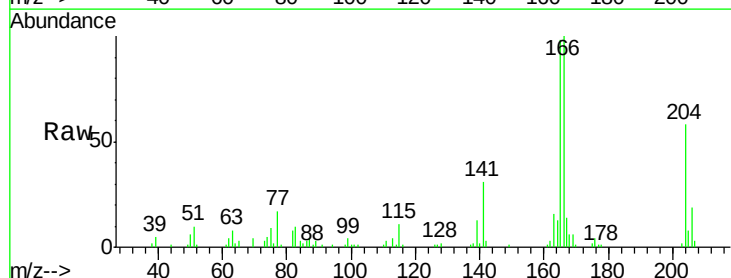
Tgt Ion:204 Resp: 32791

Ion Ratio Lower Upper

204 100

206 32.6 26.8 40.2

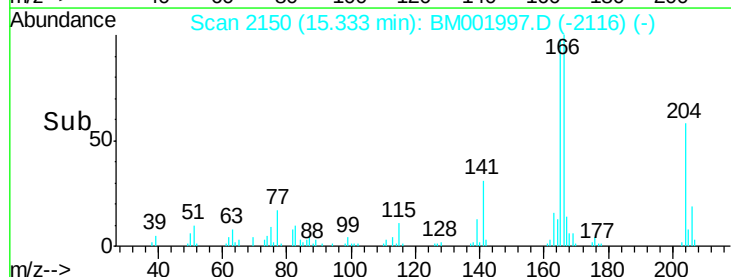
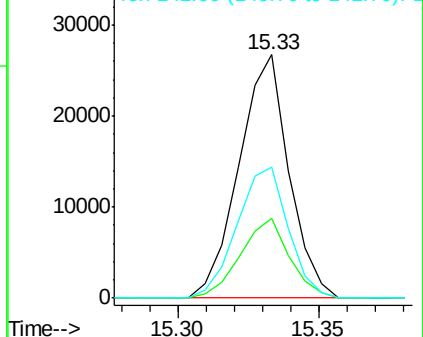
141 53.7 41.6 62.4

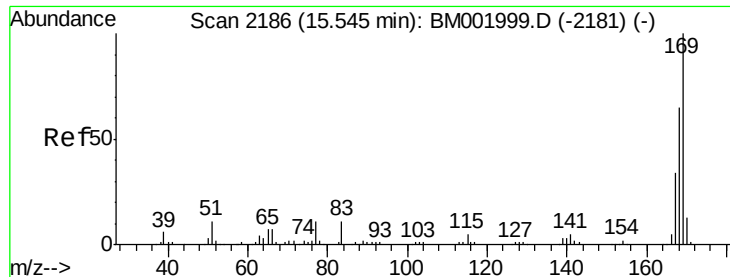


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

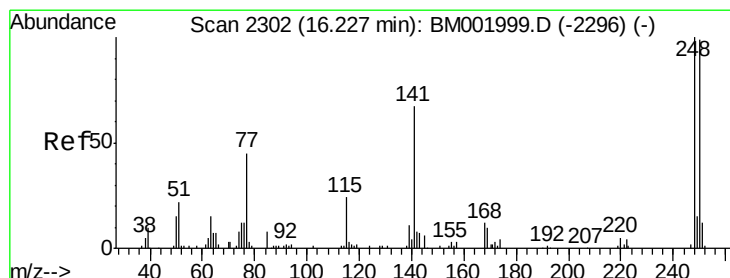
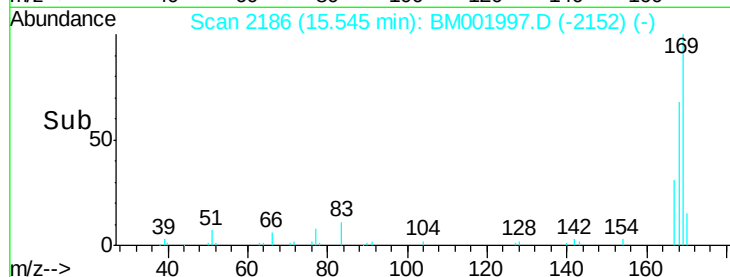
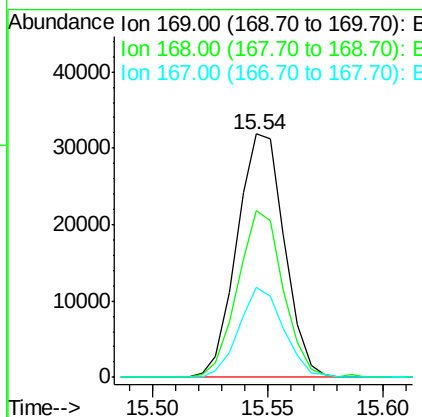
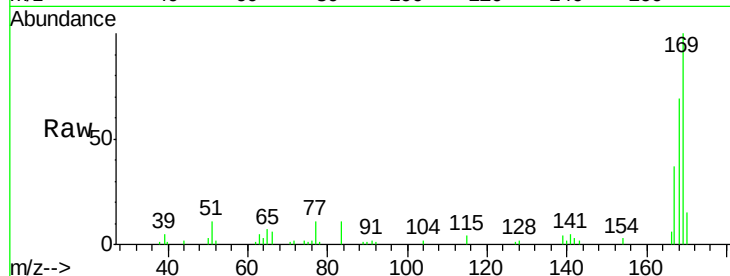




#64
N-Nitrosodiphenylamine
Concen: 3.62 ng/ul
RT: 15.54 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

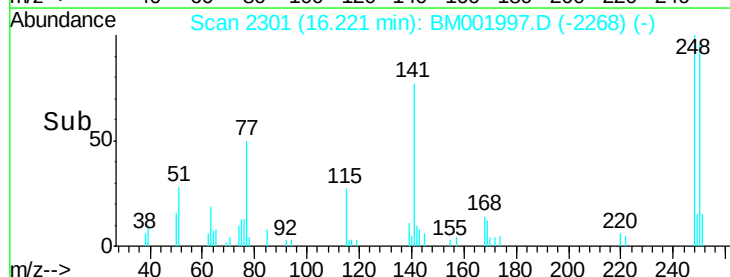
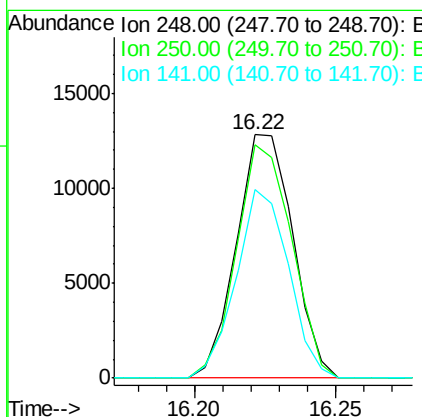
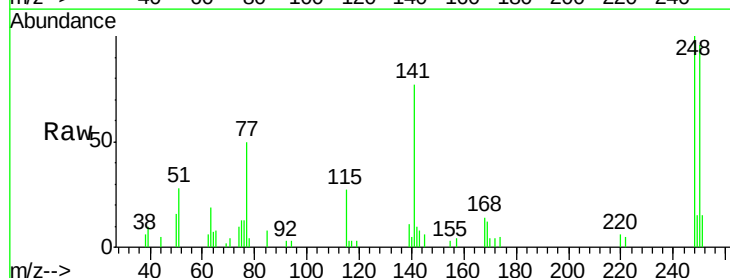
Instrument :
BNA_M
ClientSampleId :
SSTD00560

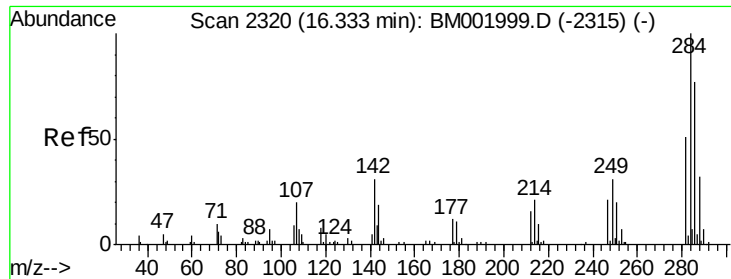
Tgt Ion:169 Resp: 45657
Ion Ratio Lower Upper
169 100
168 68.6 52.3 78.5
167 37.0 27.0 40.6



#65
4-Bromophenyl-phenylether
Concen: 3.74 ng/ul
RT: 16.22 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:248 Resp: 17842
Ion Ratio Lower Upper
248 100
250 95.8 79.6 119.4
141 77.4 53.5 80.3

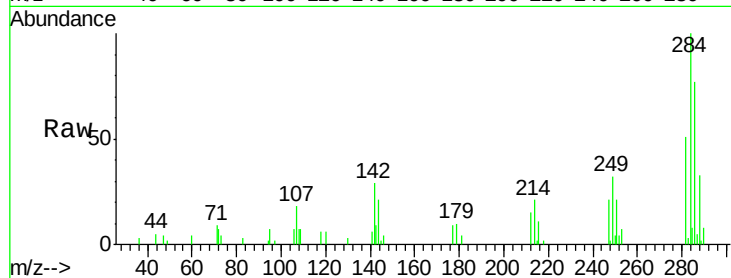




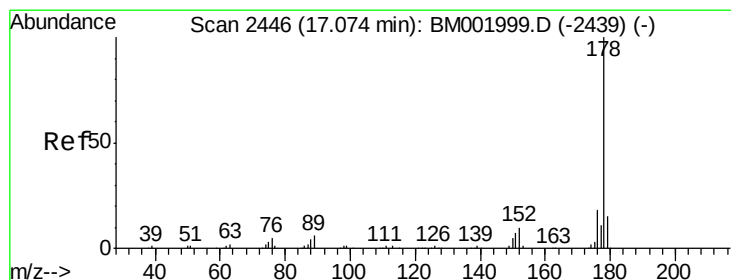
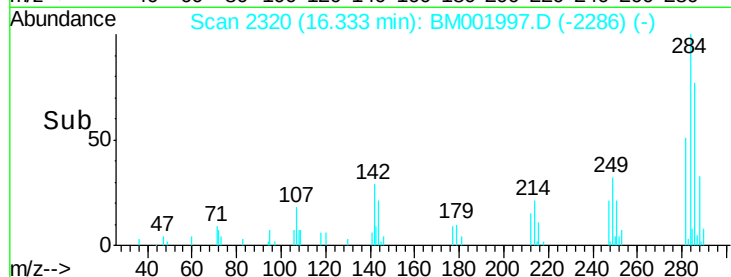
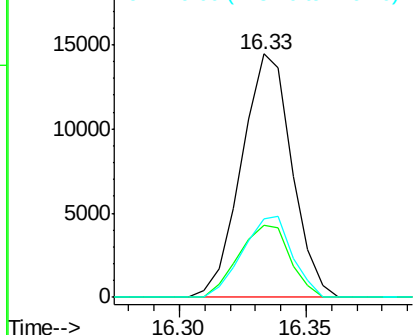
#66
Hexachlorobenzene
Concen: 3.79 ng/ul
RT: 16.33 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Instrument :
BNA_M
ClientSampleId :
SSTD00560

Tgt Ion:284 Resp: 20030
Ion Ratio Lower Upper
284 100
142 29.5 24.7 37.1
249 32.3 25.2 37.8

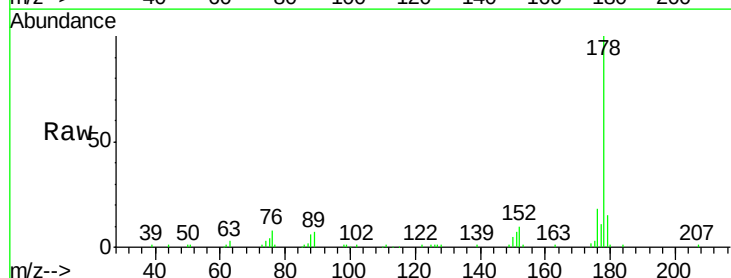


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

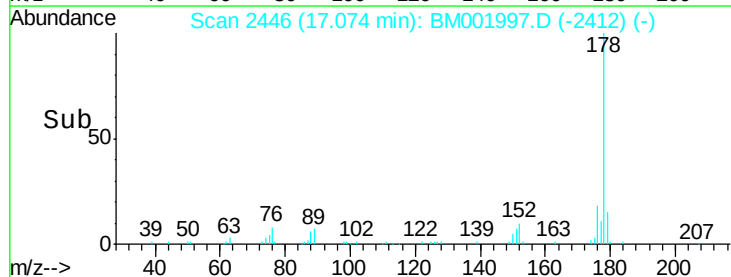
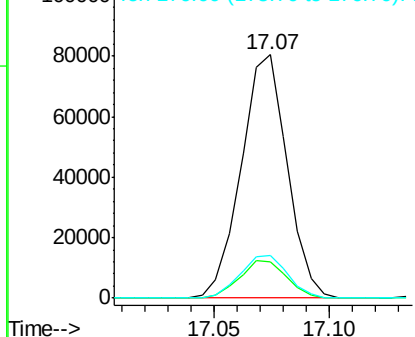


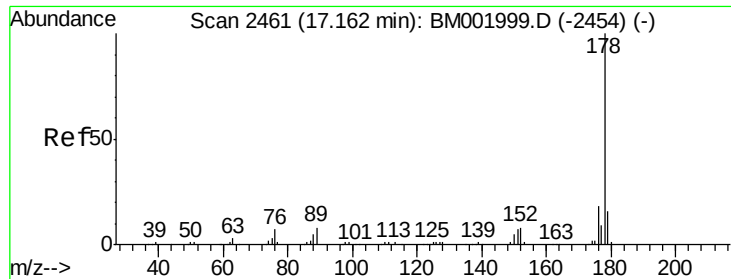
#69
Phenanthrene
Concen: 4.94 ng/ul
RT: 17.07 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:178 Resp: 112158
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 17.7 14.1 21.1



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





#71

Anthracene

Concen: 4.89 ng/uL

RT: 17.16 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

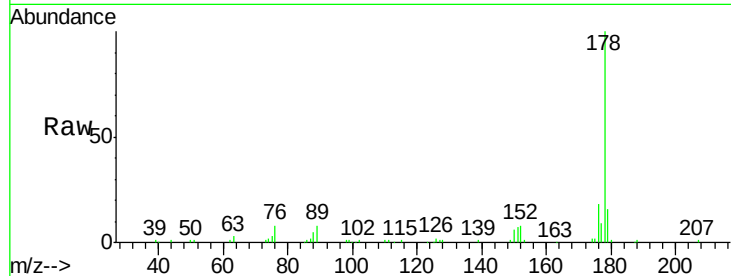
Tgt Ion:178 Resp: 116406

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

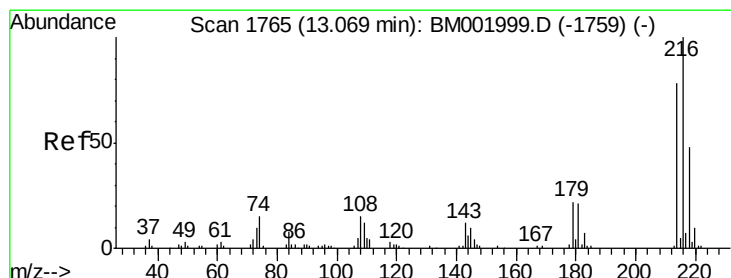
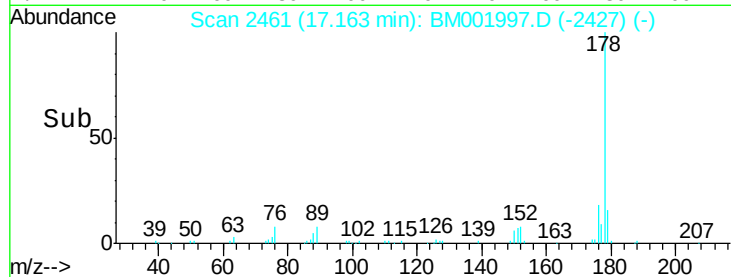
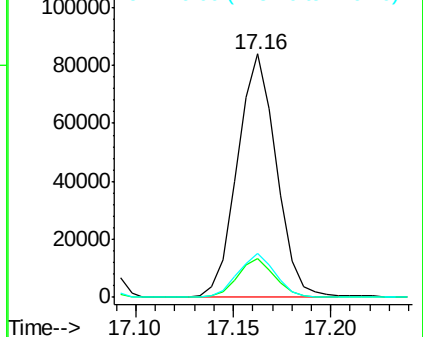
176 18.0 14.1 21.1



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

1,2,3,4-Tetrachlorobenzene

Concen: 4.15 ng/uL

RT: 13.07 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

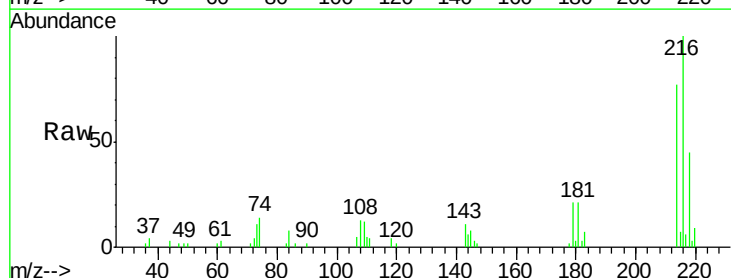
Tgt Ion:216 Resp: 26977

Ion Ratio Lower Upper

216 100

214 76.7 62.8 94.2

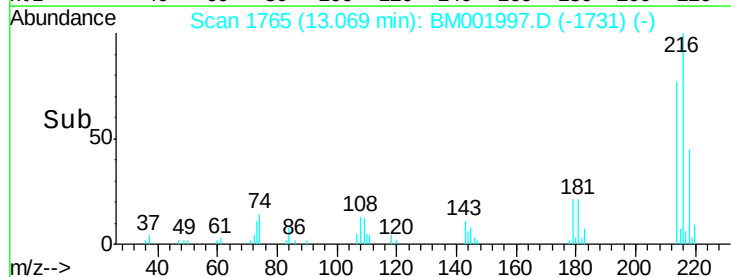
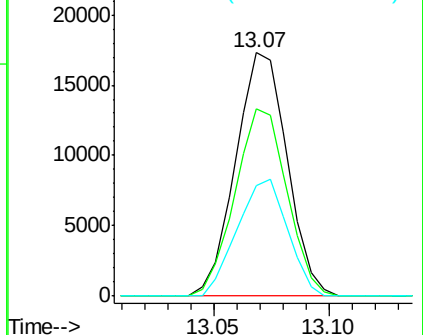
218 45.4 38.5 57.7

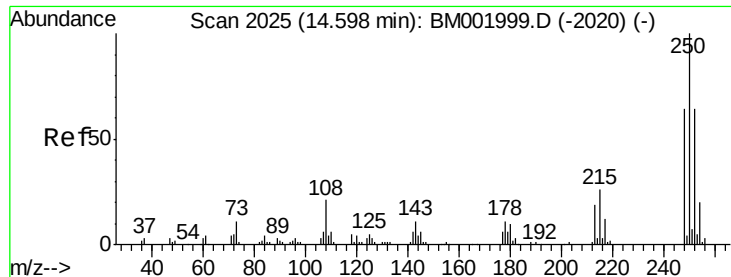


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

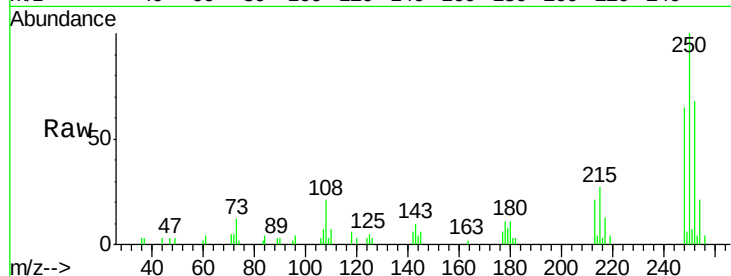




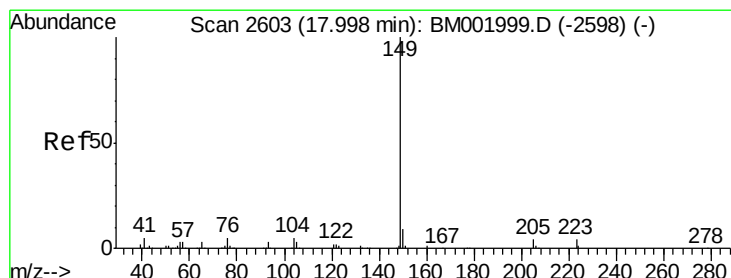
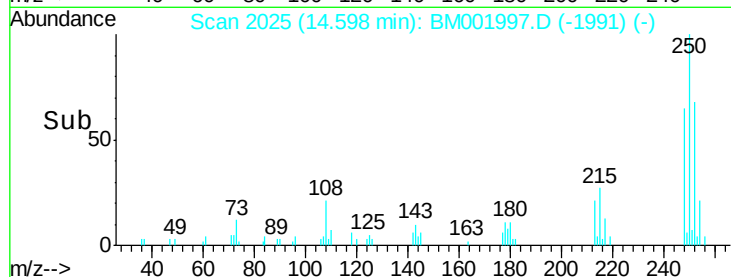
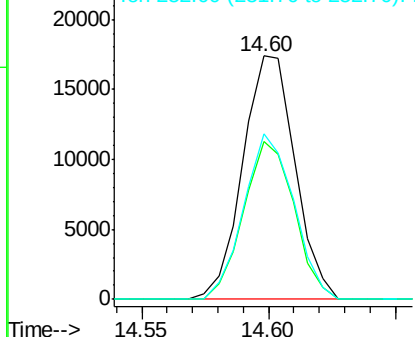
#73
 Pentachlorobenzene
 Concen: 3.93 ng/uL
 RT: 14.60 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SST00560

Tgt Ion: 250 Resp: 25013
 Ion Ratio Lower Upper
 250 100
 248 65.1 50.8 76.2
 252 68.1 51.2 76.8

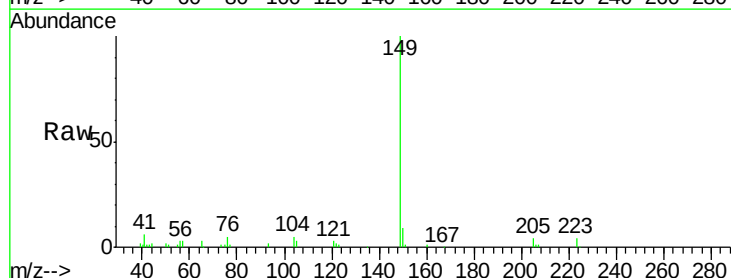


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

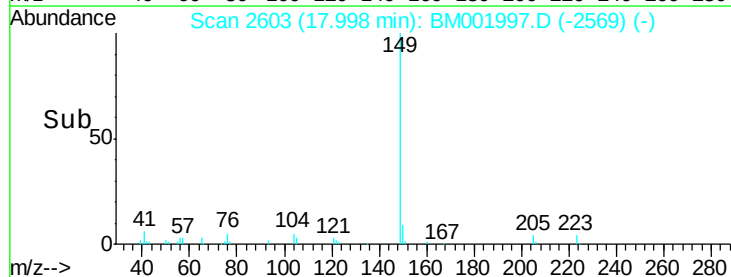
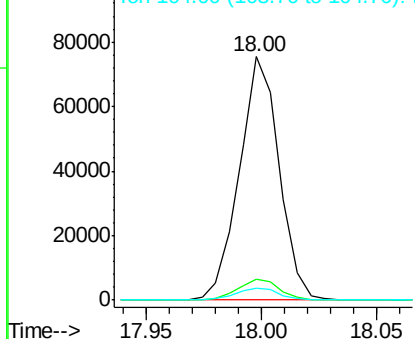


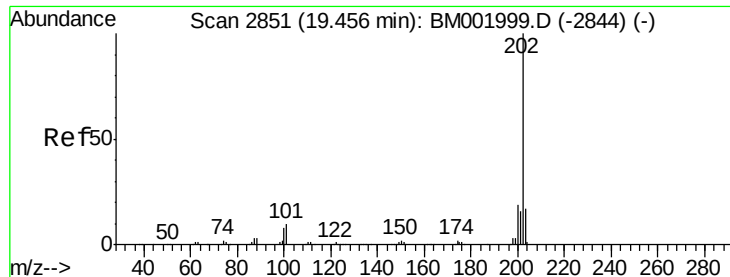
#75
 Di-n-butylphthalate
 Concen: 3.96 ng/uL
 RT: 18.00 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion: 149 Resp: 90548
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.3 10.9
 104 5.0 4.2 6.2



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

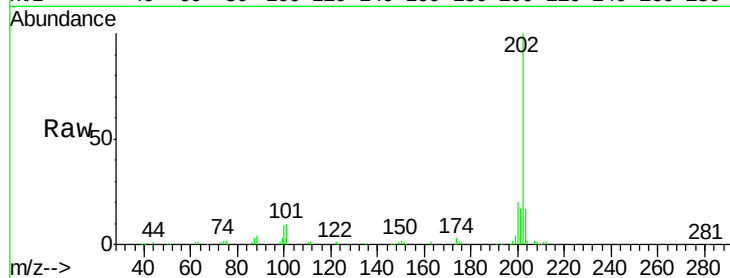




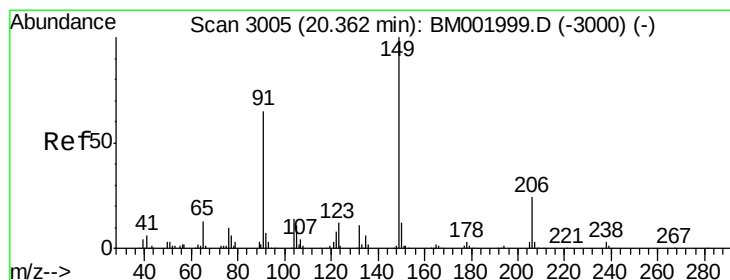
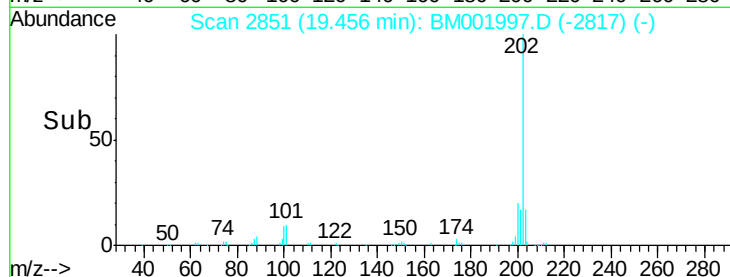
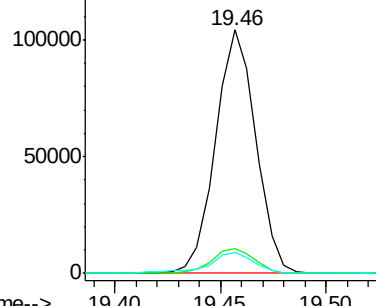
#79
 Pyrene
 Concen: 6.67 ng/ul
 RT: 19.46 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00560

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
100	8.6	6.5	9.7

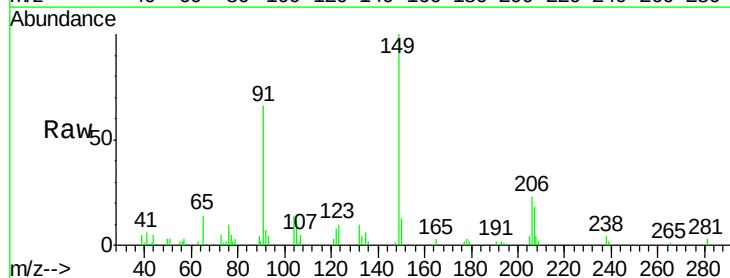


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

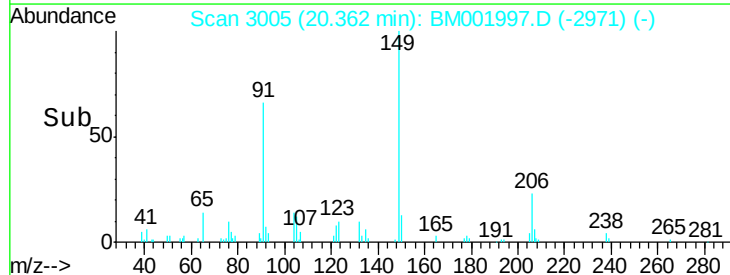
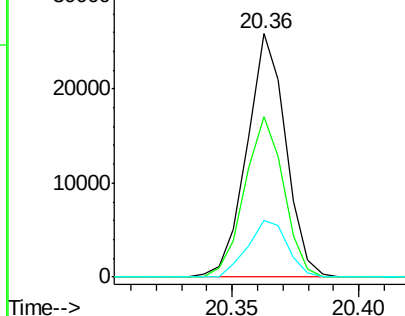


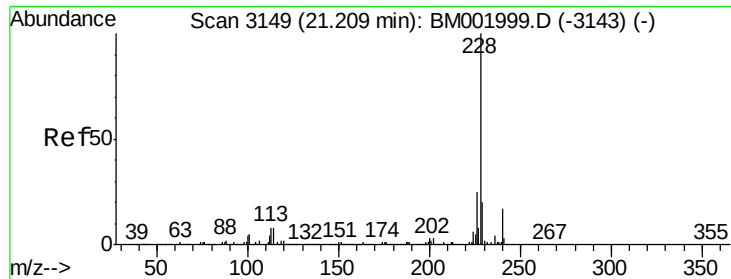
#80
 Butylbenzylphthalate
 Concen: 3.46 ng/ul
 RT: 20.36 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BM001997.D
 Acq: 21 Jul 2015 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	52.0	78.0
206	23.3	19.3	28.9



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





#82

Benzo(a)anthracene

Concen: 5.03 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

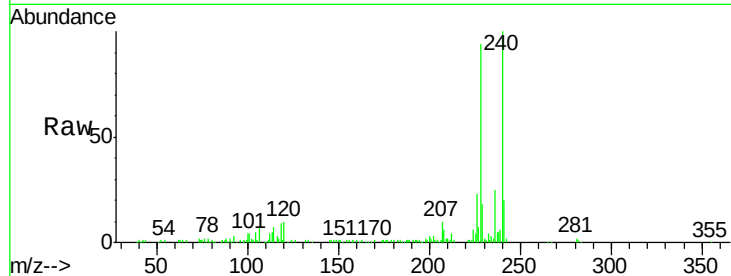
Tgt Ion:228 Resp: 107922

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

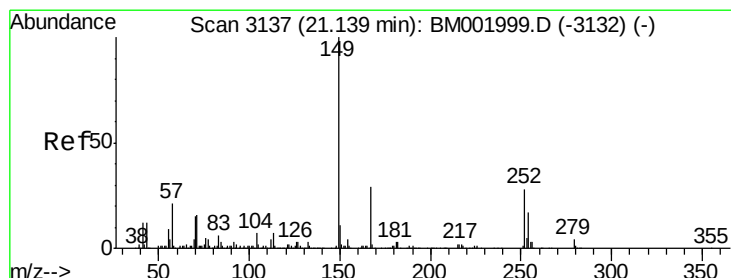
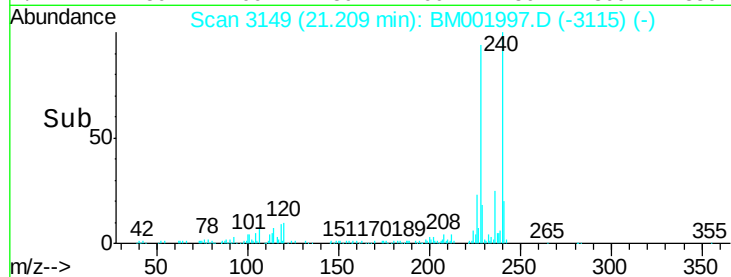
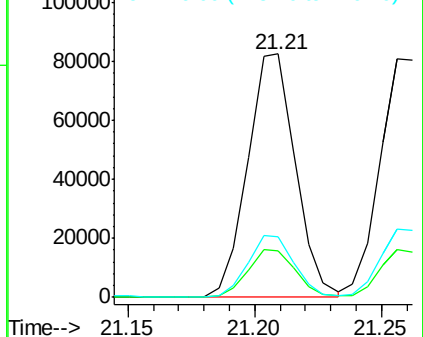
226 24.9 20.2 30.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.65 ng/ul

RT: 21.14 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

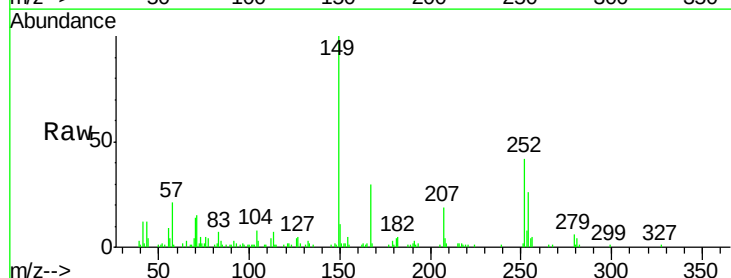
Tgt Ion:149 Resp: 43518

Ion Ratio Lower Upper

149 100

167 30.0 22.9 34.3

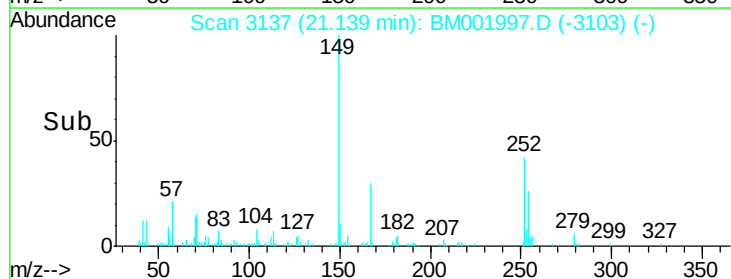
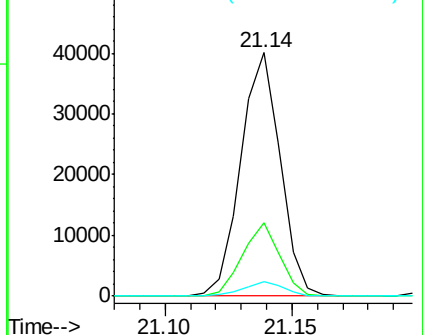
279 5.7 3.4 5.2#

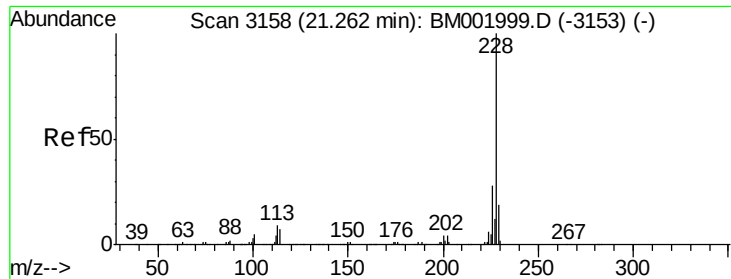


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 5.02 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

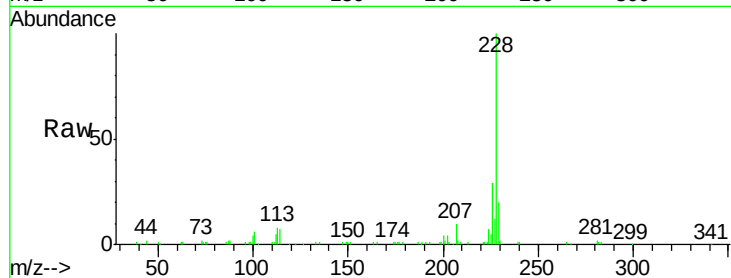
Tgt Ion:228 Resp: 103562

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

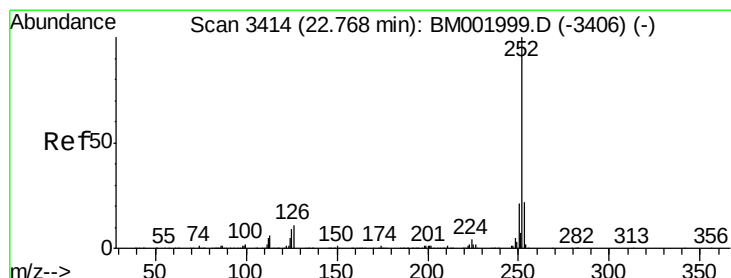
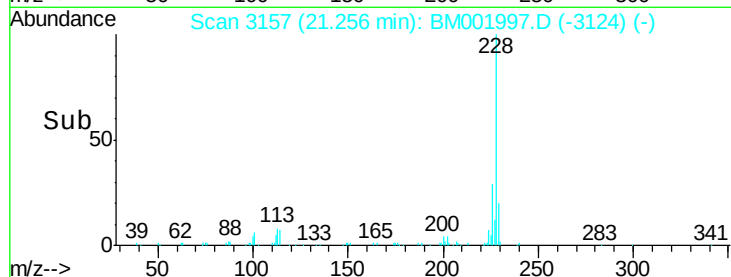
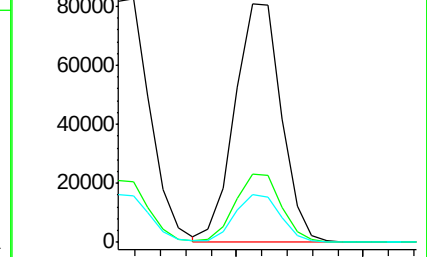
229 19.8 15.2 22.8



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



#87

Benzo(b)fluoranthene

Concen: 4.55 ng/ul

RT: 22.77 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

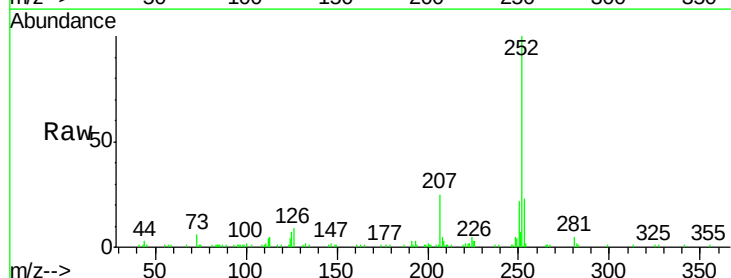
Tgt Ion:252 Resp: 101302

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

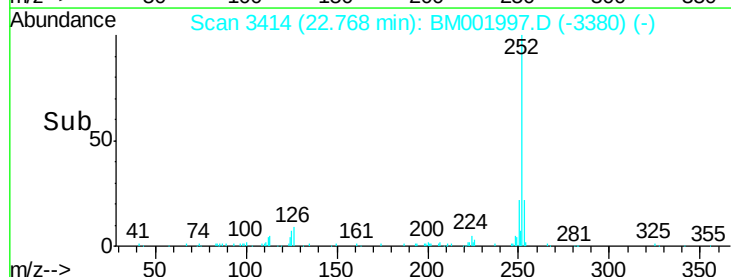
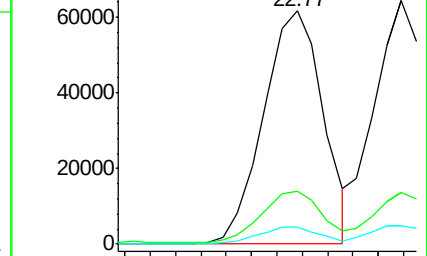
125 7.4 7.0 10.4

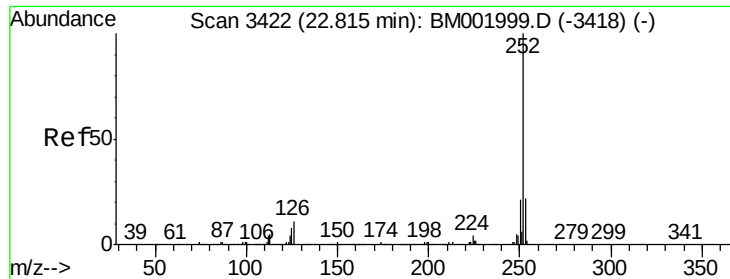


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

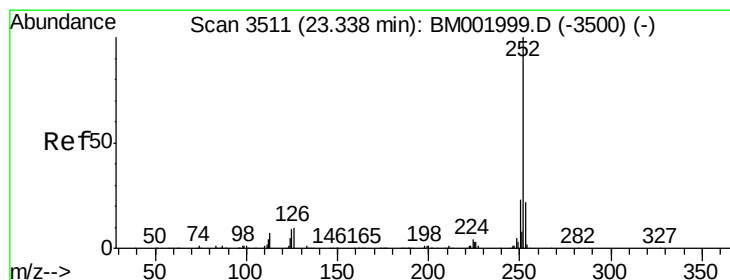
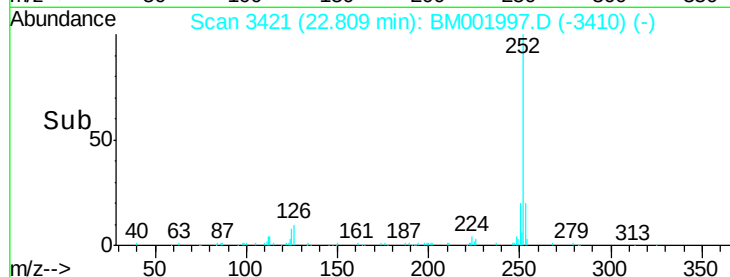
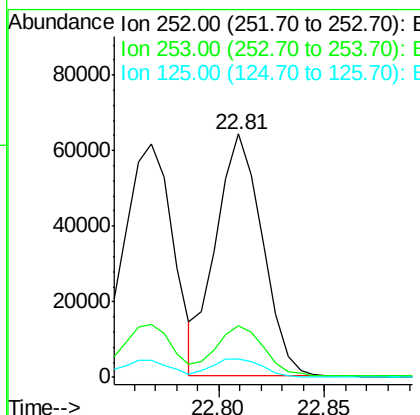
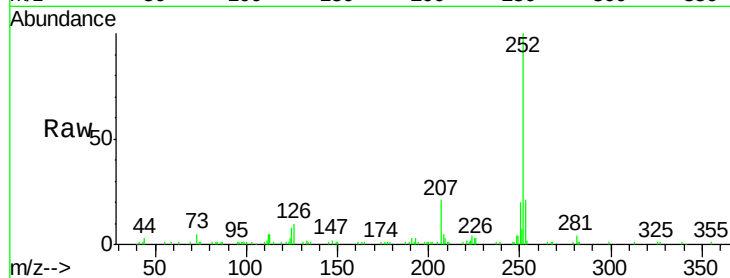




#88
Benzo(k)fluoranthene
Concen: 4.67 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

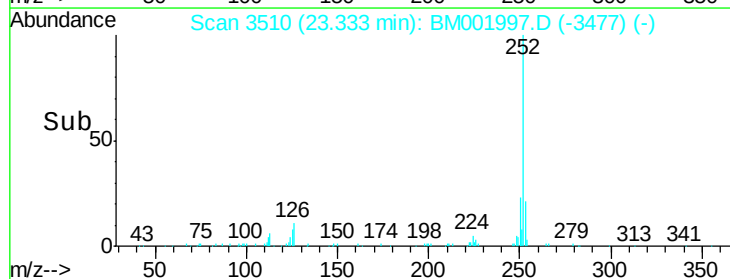
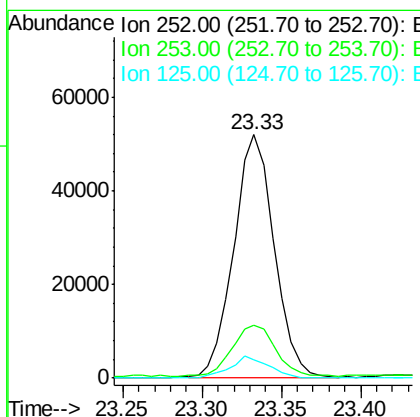
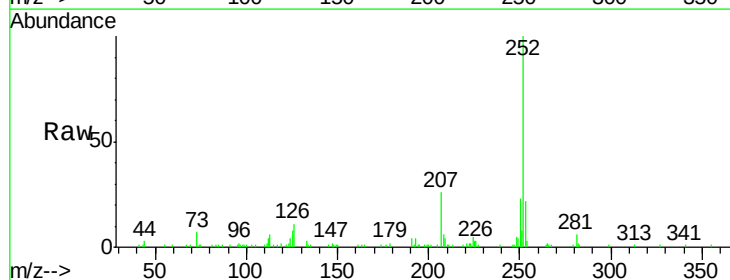
Instrument :
BNA_M
ClientSampleId :
SSTD00560

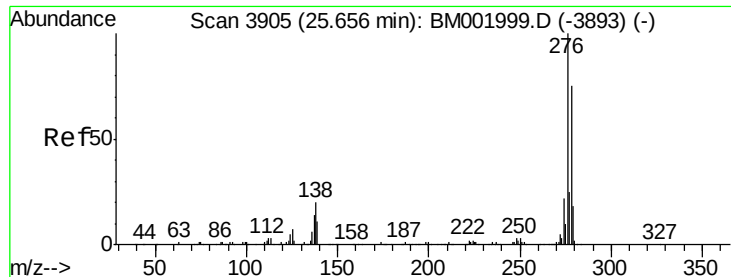
Tgt Ion:252 Resp: 97769
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 7.7 6.7 10.1



#90
Benzo(a)pyrene
Concen: 4.83 ng/ul
RT: 23.33 min Scan# 3510
Delta R.T. -0.01 min
Lab File: BM001997.D
Acq: 21 Jul 2015 21:51

Tgt Ion:252 Resp: 92273
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 7.7 7.0 10.4





#91

Indeno(1,2,3-cd)pyrene

Concen: 5.25 ng/ul

RT: 25.65 min Scan# 3904

Delta R.T. -0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

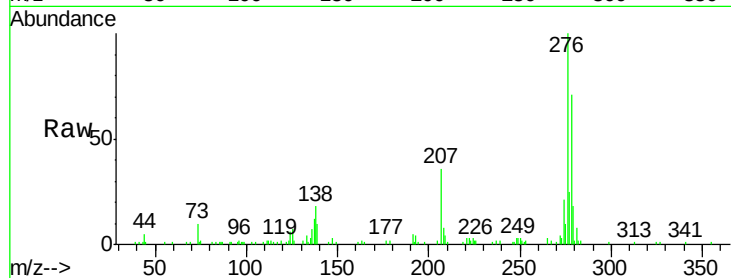
Tgt Ion:276 Resp: 107484

Ion Ratio Lower Upper

276 100

138 17.6 15.8 23.8

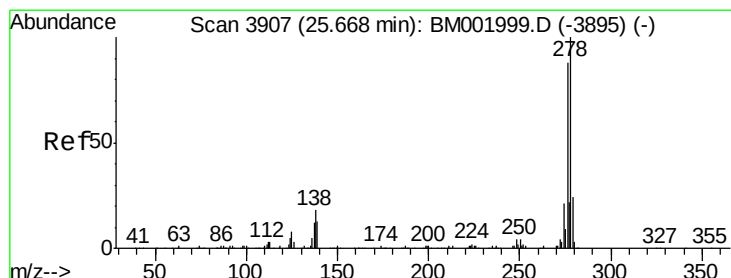
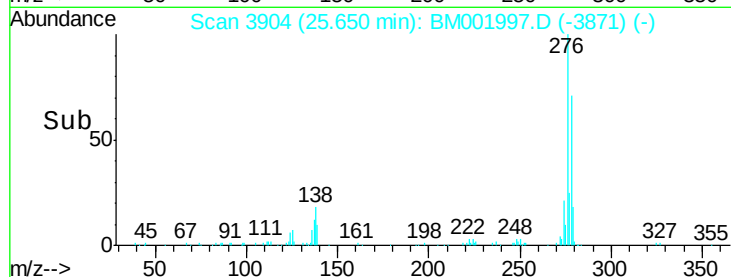
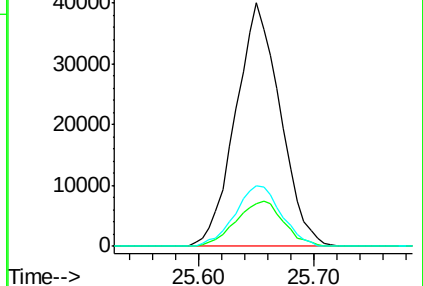
277 24.8 19.9 29.9



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



#92

Dibenzo(a,h)anthracene

Concen: 5.34 ng/ul

RT: 25.66 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

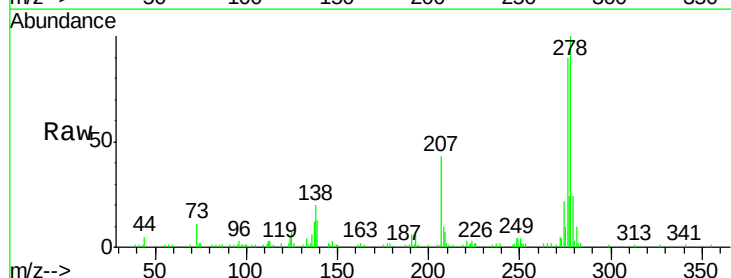
Tgt Ion:278 Resp: 92593

Ion Ratio Lower Upper

278 100

139 13.4 10.1 15.1

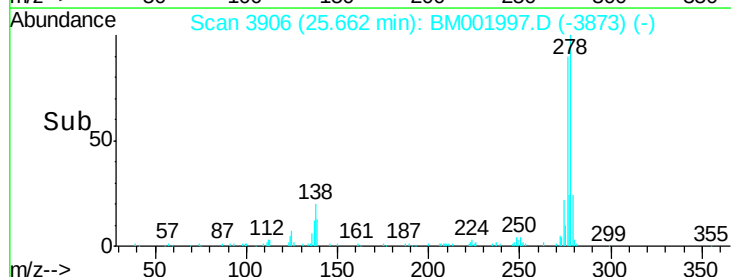
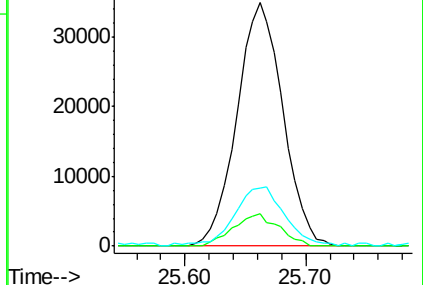
279 23.9 19.3 28.9

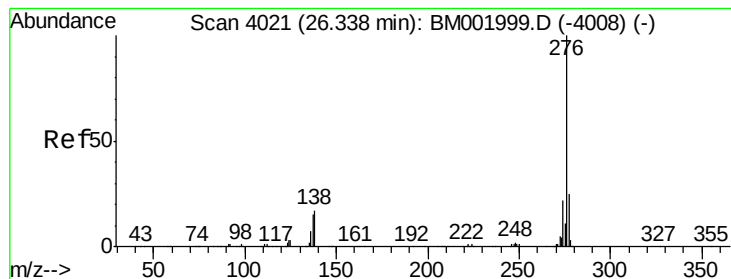


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 5.33 ng/ul

RT: 26.33 min Scan# 4020

Delta R.T. -0.01 min

Lab File: BM001997.D

Acq: 21 Jul 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD00560

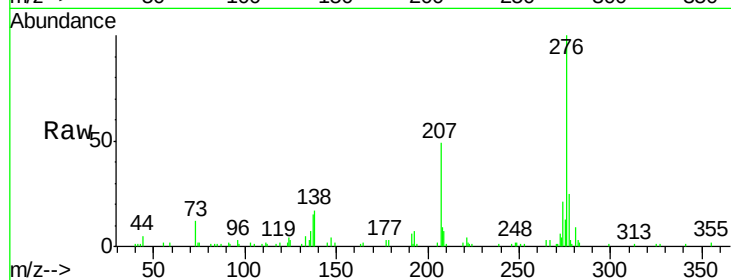
Tgt Ion: 276 Resp: 90309

Ion Ratio Lower Upper

276 100

138 17.0 13.3 19.9

277 24.8 19.7 29.5



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

