

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005513.D
 Acq On : 20 May 2016 00:20
 Operator : UM/SJ
 Sample : H2890-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT2

Quant Time: May 20 08:02:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 07:06:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.84
18) Naphthalene-d8	10.54	136	161	20.00	ng/ul	-0.09
35) Acenaphthene-d10	14.44	164	2265	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.30	188	851616	20.00	ng/ul	0.10
75) Chrysene-d12	21.56	240	1609	20.00	ng/ul	0.18
83) Perylene-d12	23.88	264	280	20.00	ng/ul	0.21

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	6588	0.00	ng/uL	0.00
5) Phenol-d5	7.00	99	180271	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	112995	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	154851	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	153907	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	83144	71731.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	93368	73846.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	169570	67481.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	149476	51718.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	592781	3183.60	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	746432	3395.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	53035	1388.25	ng/ul	0.01
57) Fluorene-d10	15.46	176	541891	3298.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1434	0.32	ng/ul	0.06
70) Anthracene-d10	17.30	188	851616	21.74	ng/ul	0.00
76) Pyrene-d10	19.59	212	1007094	15566.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

					Qvalue
20) Nitrobenzene	8.94	77	3273	1132.93 ng/ul#	50
21) Isophorone	9.49	82	221	37.39 ng/ul#	1
24) 2,4-Dimethylphenol	9.83	107	2889	949.38 ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.87	93	149	42.56 ng/ul#	25
28) Naphthalene	10.67	128	638723	78140.05 ng/ul	99
30) 4-Chloroaniline	10.67	127	82675	26874.81 ng/ul#	10
32) Caprolactam	11.55	113	1001	1031.91 ng/ul#	1
33) 4-Chloro-3-methylphenol	11.79	107	3465	1105.01 ng/ul#	21
34) 2-Methylnaphthalene	12.29	142	597789	92992.96 ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	319	4.64 ng/ul#	10
40) 1,1'-Biphenyl	13.30	154	62978	346.87 ng/ul#	98
41) 2-Chloronaphthalene	13.25	162	372	2.67 ng/ul#	1
42) 2-Nitroaniline	13.52	65	655	14.88 ng/ul#	43
44) Dimethylphthalate	13.92	163	206826	1089.47 ng/ul	97
45) 2,6-Dinitrotoluene	14.00	165	460	12.59 ng/ul#	1
47) Acenaphthylene	14.19	152	17456	76.67 ng/ul#	33
48) 3-Nitroaniline	14.33	138	236	6.06 ng/ul#	1
49) Acenaphthene	14.53	153	19462	125.15 ng/ul	93
52) 4-Nitrophenol	14.63	109	357	10.44 ng/ul#	20
53) Dibenzofuran	14.86	168	193988	855.18 ng/ul	94
54) 2,4-Dinitrotoluene	14.79	165	104	1.88 ng/ul#	52
58) Fluorene	15.51	166	19693	104.97 ng/ul#	63
59) 4-Chlorophenyl-phenylether	15.53	204	126	1.40 ng/ul#	1

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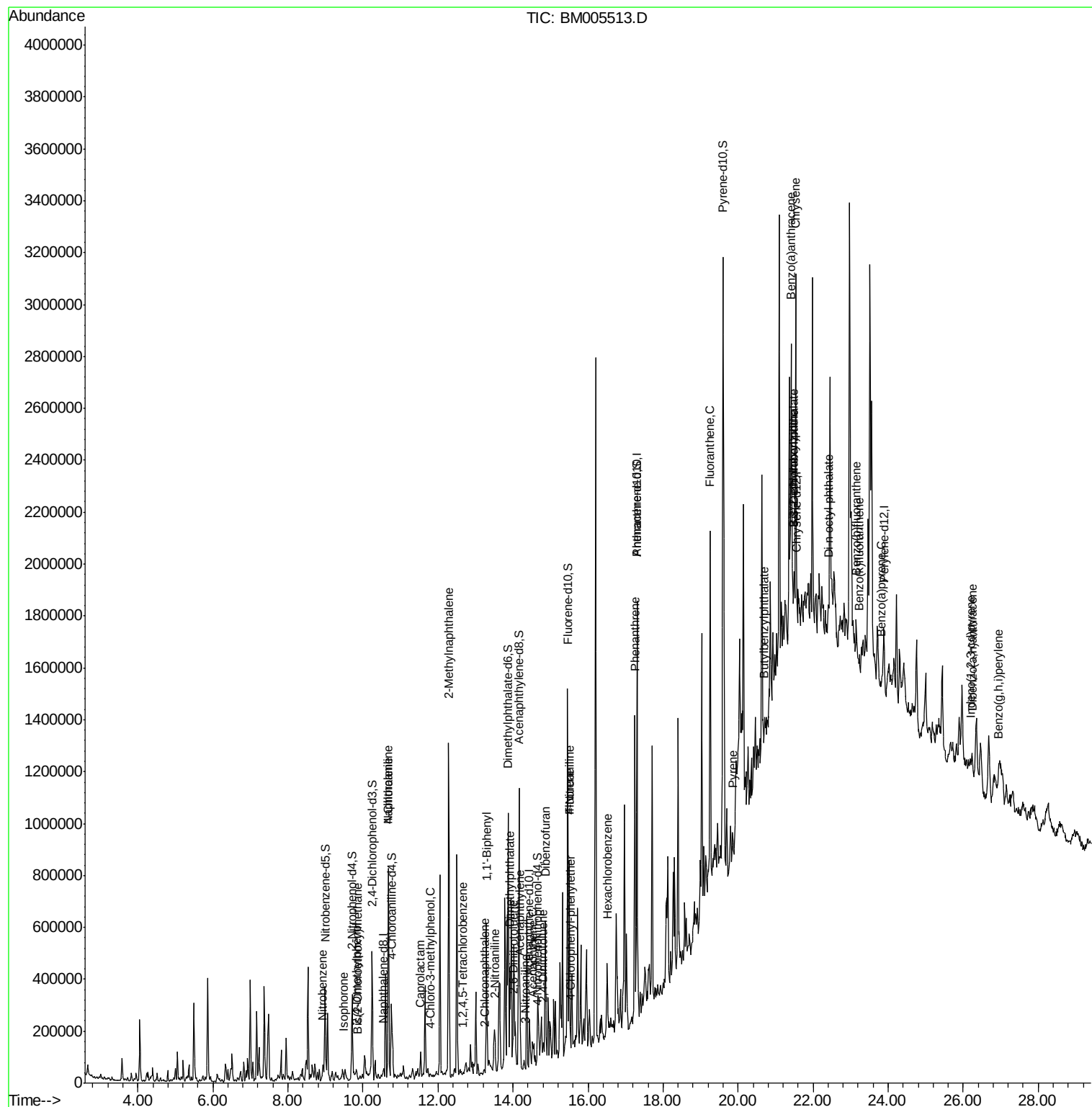
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitroaniline	15.50	138	1974	43.22	ng/ul#	69
66) Hexachlorobenzene	16.51	284	37351	3.73	ng/ul	97
69) Phenanthrene	17.25	178	724317	14.95	ng/ul	100
74) Fluoranthene	19.26	202	748501	13.21	ng/ul	97
77) Pyrene	19.86	202	8339	96.73	ng/ul#	81
78) Butylbenzylphthalate	20.69	149	582	15.90	ng/ul#	32
79) 3,3'-Dichlorobenzidine	21.49	252	984	31.94	ng/ul#	65
80) Benzo(a)anthracene	21.42	228	594347	6287.16	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.50	149	795	14.52	ng/ul#	30
82) Chrysene	21.53	228	33550	375.19	ng/ul#	28
84) Di-n-octyl phthalate	22.41	149	2763	185.91	ng/ul#	1
85) Benzo(b)fluoranthene	23.15	252	74127	4625.92	ng/ul#	71
86) Benzo(k)fluoranthene	23.22	252	1029	66.10	ng/ul#	1
88) Benzo(a)pyrene	23.81	252	2267	142.39	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.20	276	538	25.66	ng/ul#	1
90) Dibenzo(a,h)anthracene	26.24	278	61239	3516.14	ng/ul#	77
91) Benzo(g,h,i)perylene	26.92	276	334	18.38	ng/ul#	1

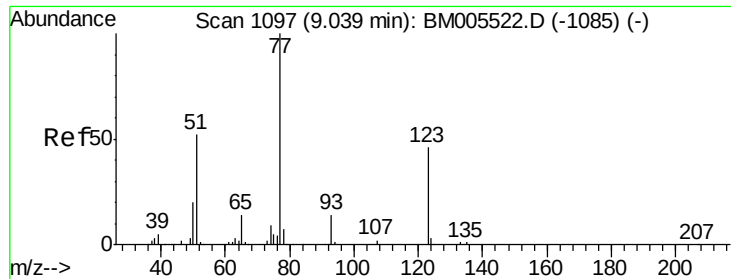
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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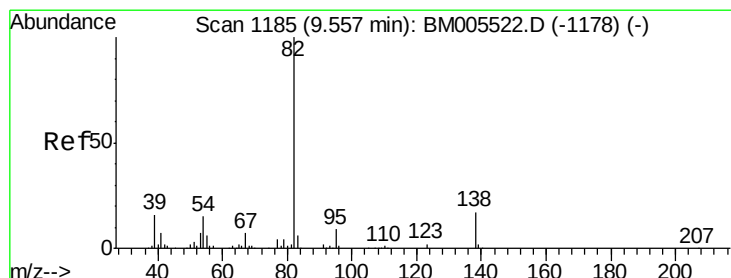
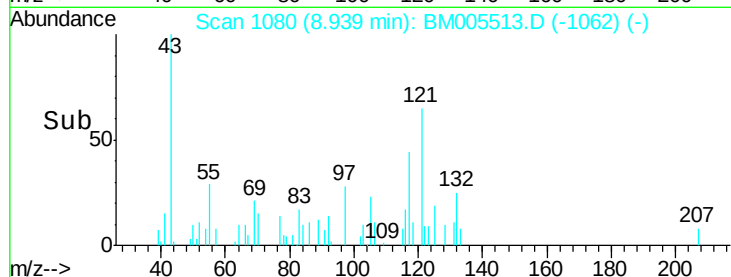
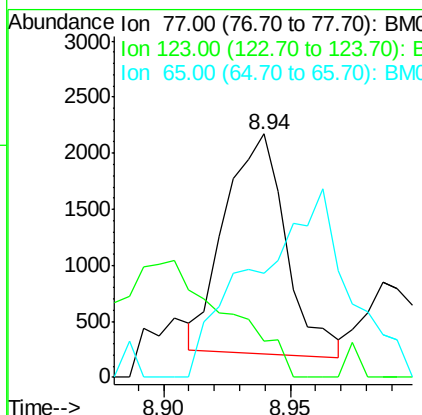
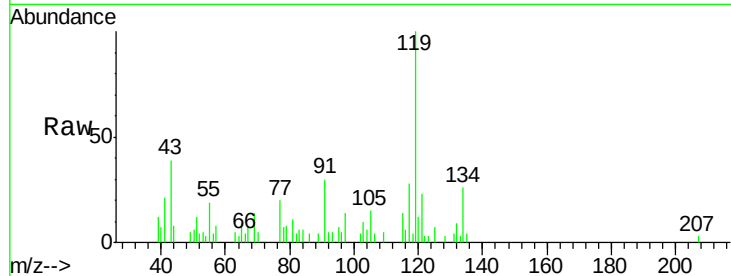




#20
 Nitrobenzene
 Concen: 1132.93 ng/ul
 RT: 8.94 min Scan# 1080
 Delta R.T. -0.09 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

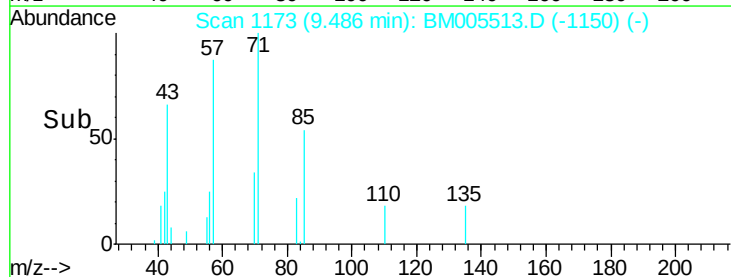
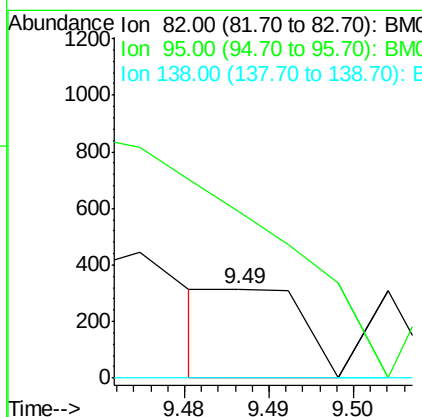
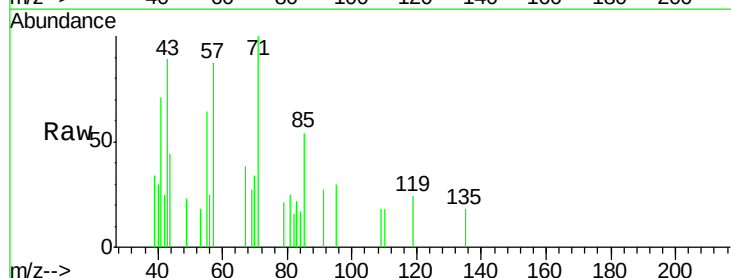
Instrument :
 BNA_M
 ClientSampleId :
 D9WT2

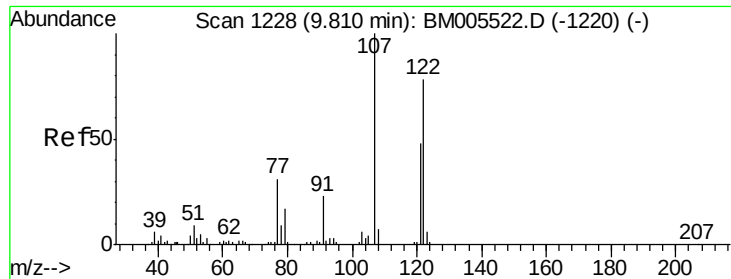
Tgt Ion: 77 Resp: 3273
 Ion Ratio Lower Upper
 77 100
 123 15.1 34.1 51.1#
 65 42.8 11.0 16.4#



#21
 Isophorone
 Concen: 37.39 ng/ul
 RT: 9.49 min Scan# 1173
 Delta R.T. -0.06 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

Tgt Ion: 82 Resp: 221
 Ion Ratio Lower Upper
 82 100
 95 187.0 5.4 8.0#
 138 0.0 13.4 20.2#





#24

2,4-Dimethylphenol

Concen: 949.38 ng/ul

RT: 9.83 min Scan# 1232

Delta R.T. 0.04 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

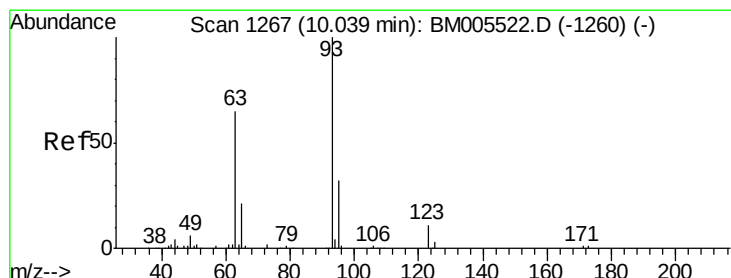
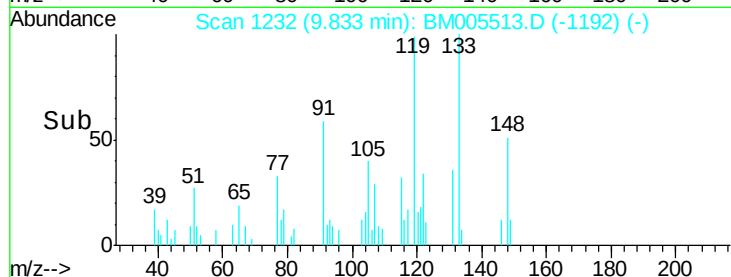
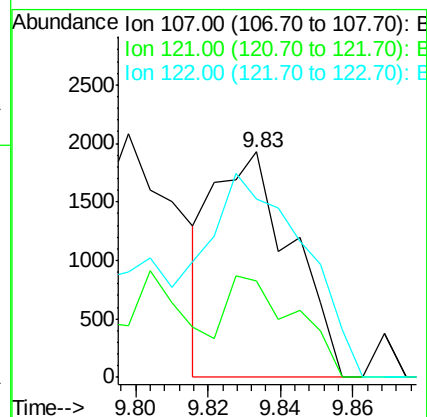
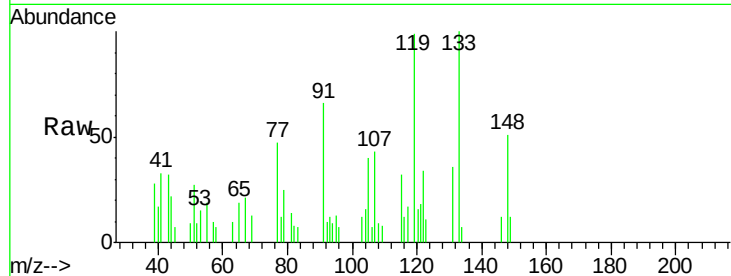
Tgt Ion: 107 Resp: 2889

Ion Ratio Lower Upper

107 100

121 42.5 39.1 58.7

122 79.0 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 42.56 ng/ul

RT: 9.87 min Scan# 1238

Delta R.T. -0.17 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

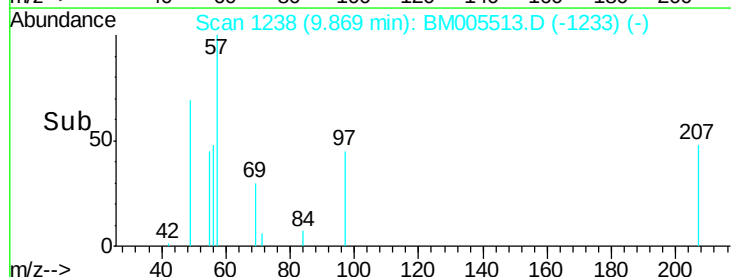
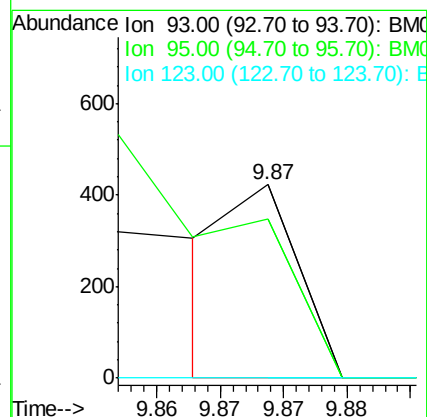
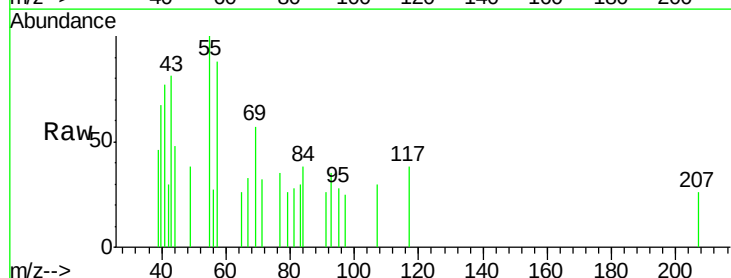
Tgt Ion: 93 Resp: 149

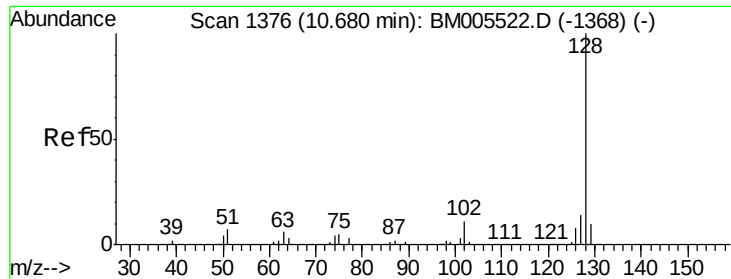
Ion Ratio Lower Upper

93 100

95 82.2 25.2 37.8#

123 0.0 9.0 13.6#

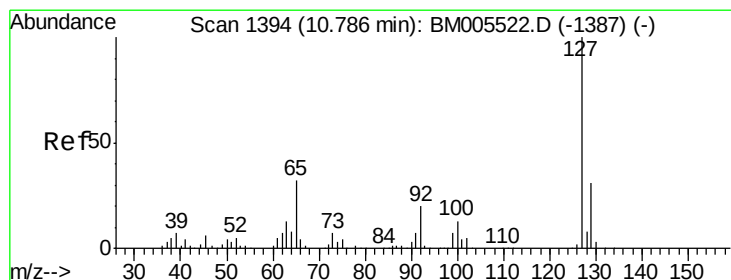
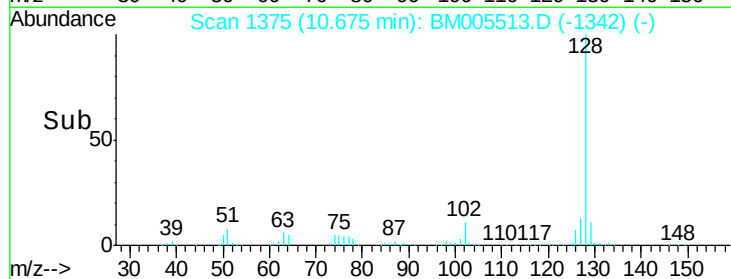
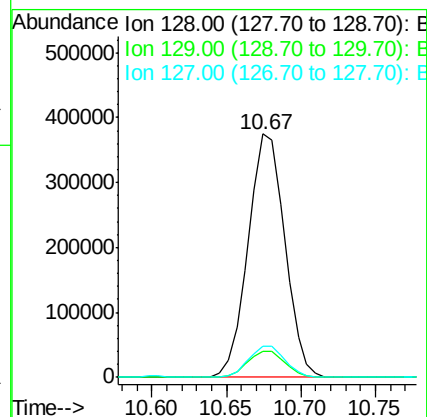
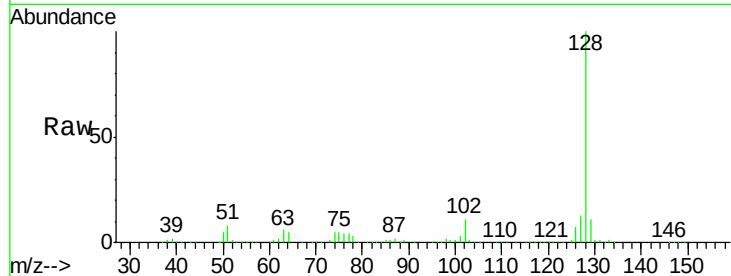




#28
Naphthalene
Concen: 78140.05 ng/ul
RT: 10.67 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

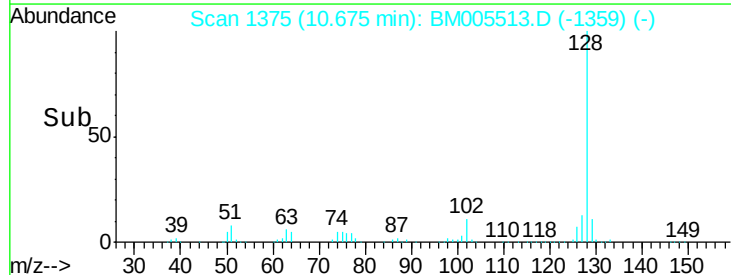
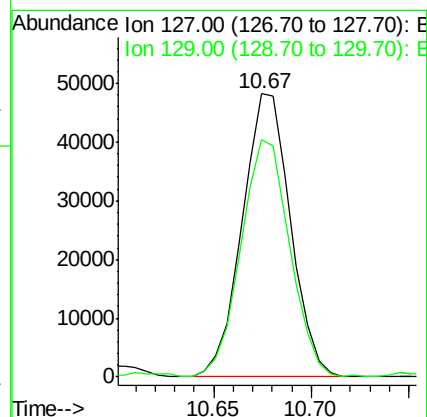
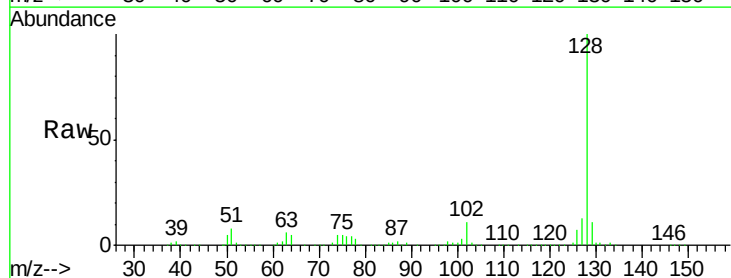
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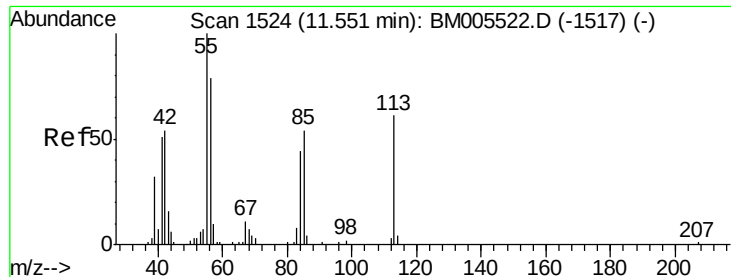
Tgt Ion:128 Resp: 638723
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.9 10.8 16.2



#30
4-Chloroaniline
Concen: 26874.81 ng/ul
RT: 10.67 min Scan# 1375
Delta R.T. -0.11 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

Tgt Ion:127 Resp: 82675
Ion Ratio Lower Upper
127 100
129 83.8 26.5 39.7#





#32

Caprolactam

Concen: 1031.91 ng/ul

RT: 11.55 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

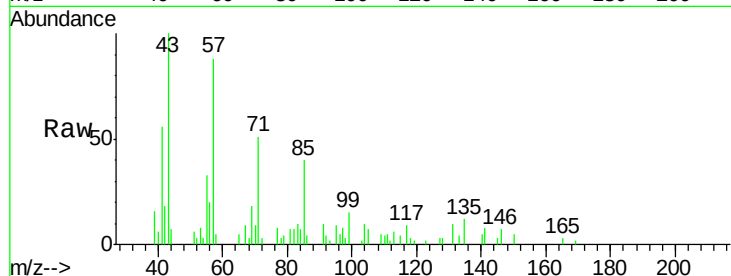
Tgt Ion:113 Resp: 1001

Ion Ratio Lower Upper

113 100

55 577.3 134.6 201.8#

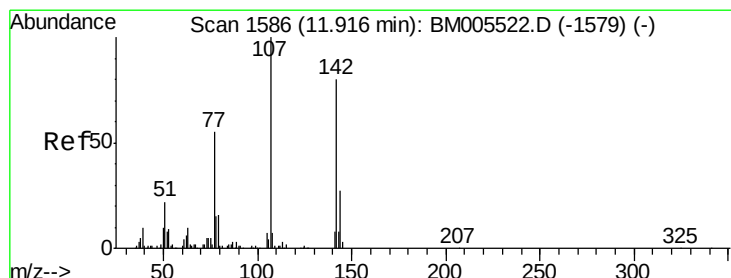
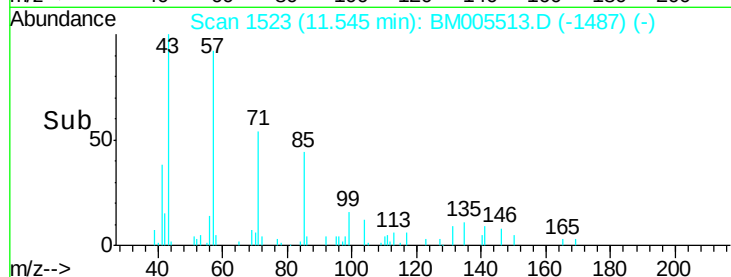
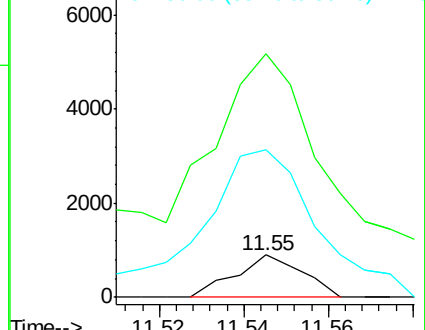
56 351.0 96.6 145.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1105.01 ng/ul

RT: 11.79 min Scan# 1565

Delta R.T. -0.11 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

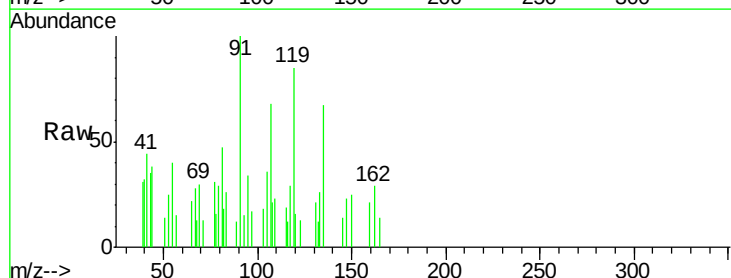
Tgt Ion:107 Resp: 3465

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

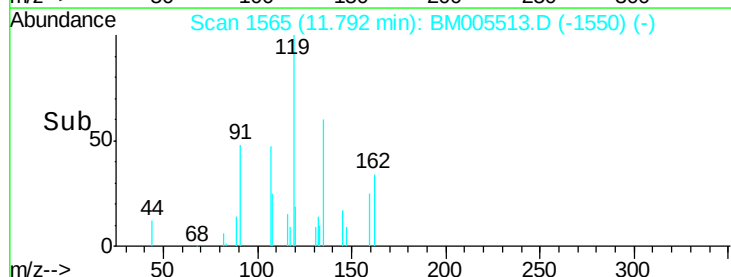
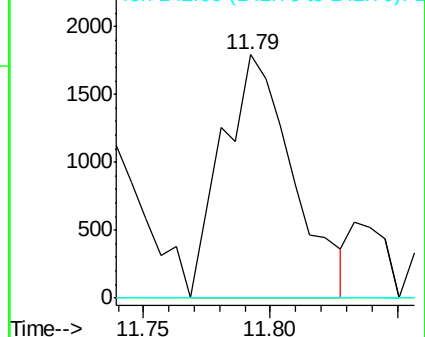
142 0.0 60.8 91.2#

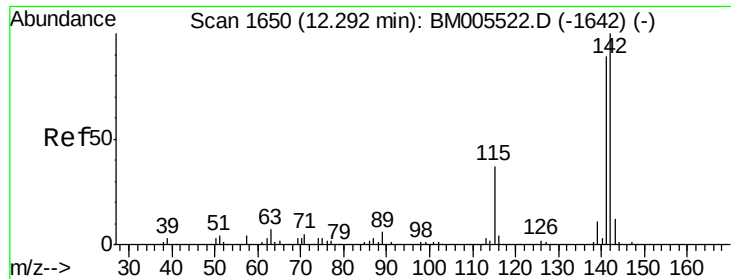


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

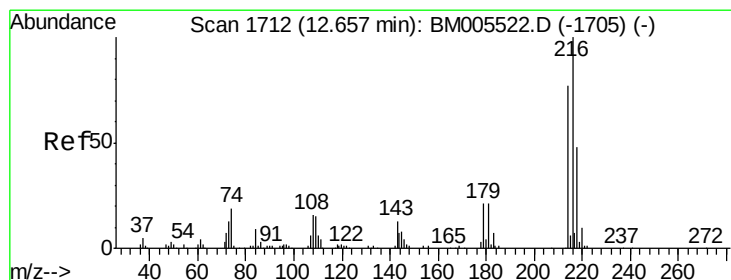
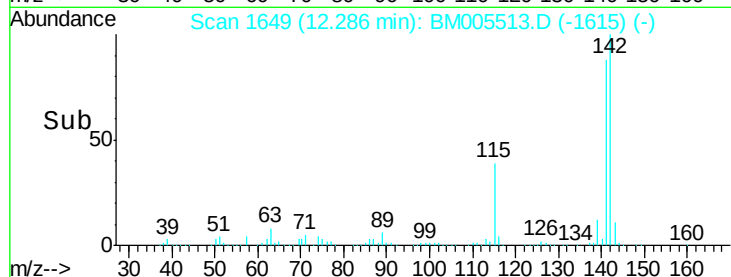
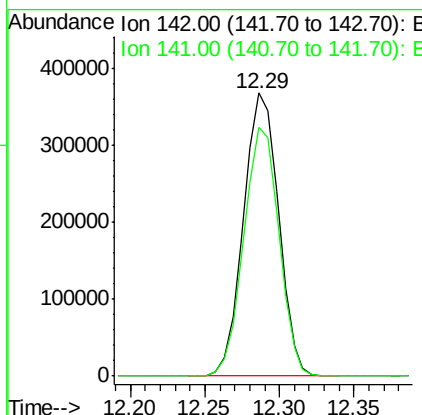
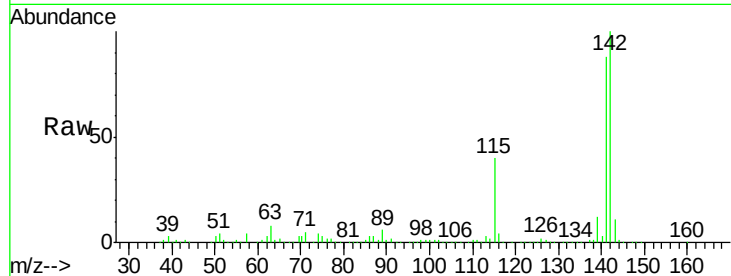




#34
 2-Methylnaphthalene
 Concen: 92992.96 ng/ul
 RT: 12.29 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

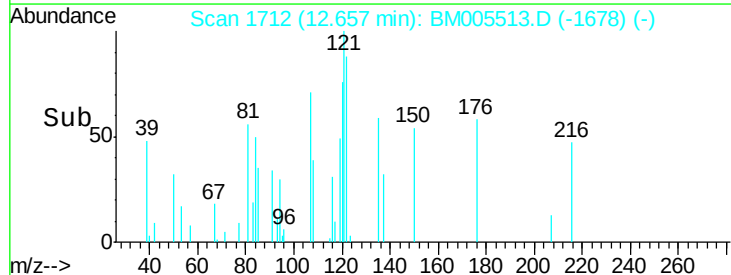
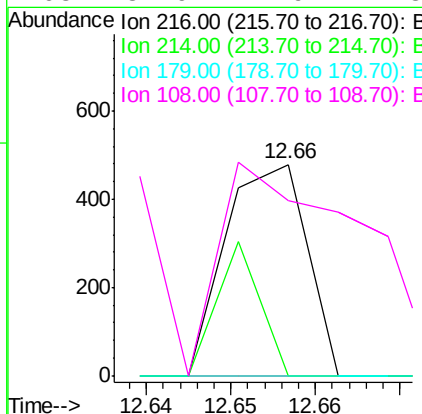
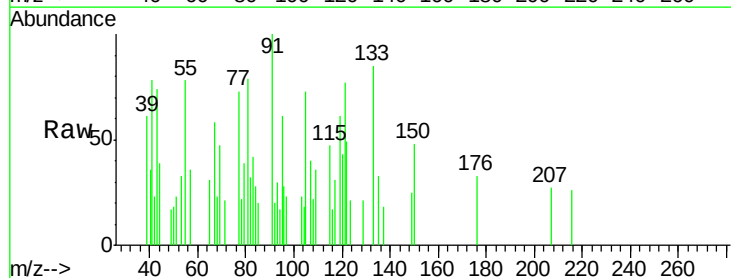
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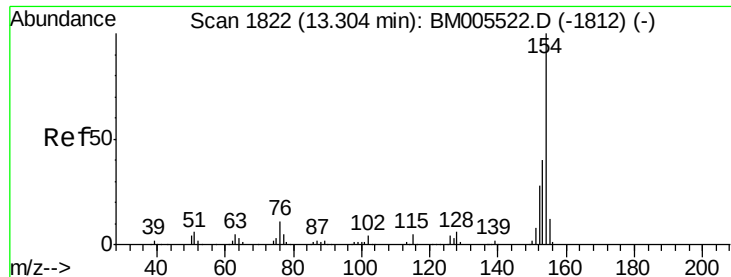
Tgt Ion:142 Resp: 597789
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.3 106.9



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.64 ng/ul
 RT: 12.66 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

Tgt Ion:216 Resp: 319
 Ion Ratio Lower Upper
 216 100
 214 0.0 63.4 95.0#
 179 0.0 17.4 26.0#
 108 82.9 14.9 22.3#

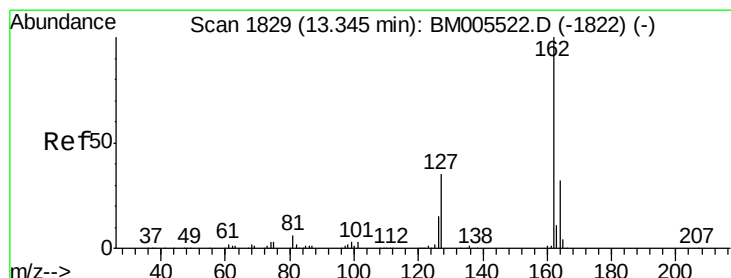
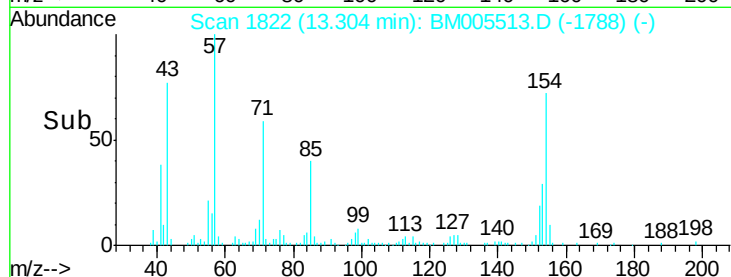
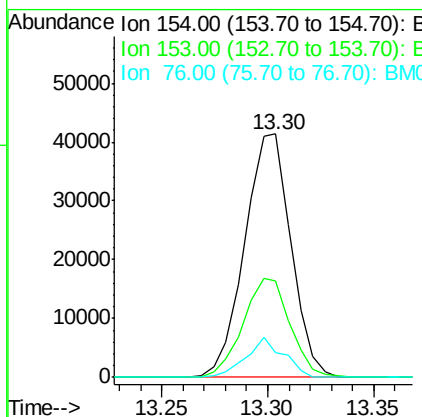
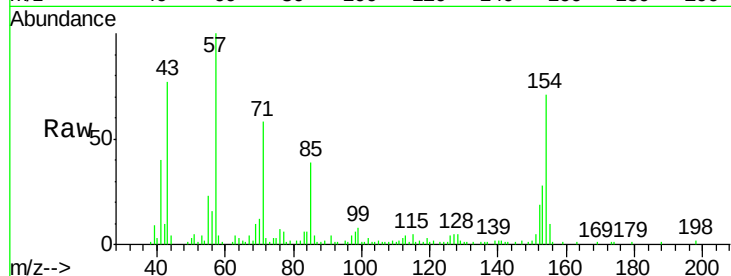




#40
 1,1'-Biphenyl
 Concen: 346.87 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM005513.D
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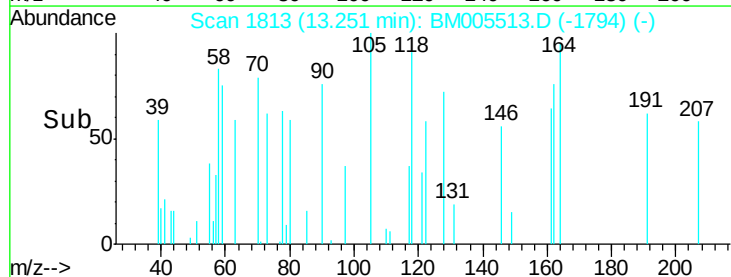
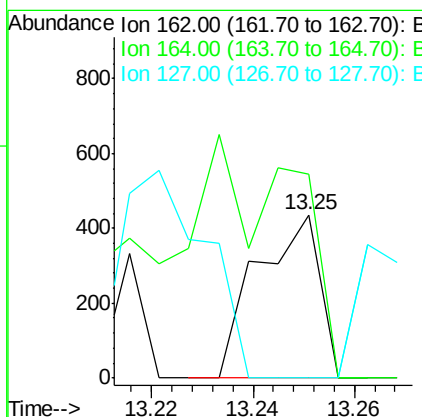
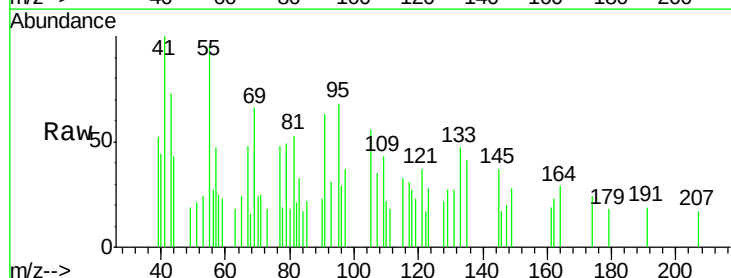
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 ClientSampleId :
 D9WT2

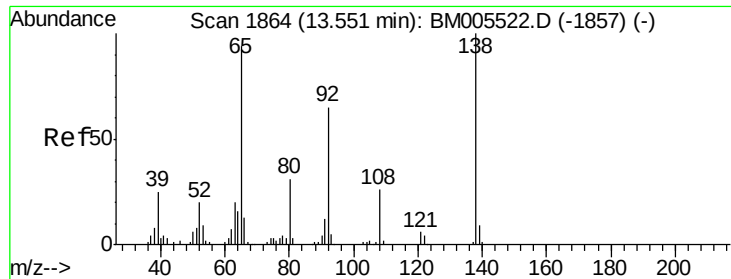
Tgt Ion:154 Resp: 62978
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.1 48.1
 76 10.4 10.6 15.8#



#41
 2-Chloronaphthalene
 Concen: 2.67 ng/ul
 RT: 13.25 min Scan# 1813
 Delta R.T. -0.09 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

Tgt Ion:162 Resp: 372
 Ion Ratio Lower Upper
 162 100
 164 124.8 25.5 38.3#
 127 0.0 31.9 47.9#

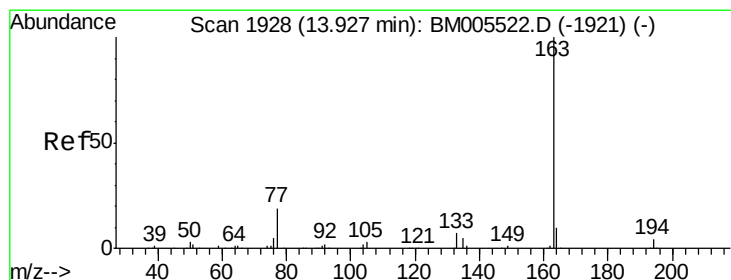
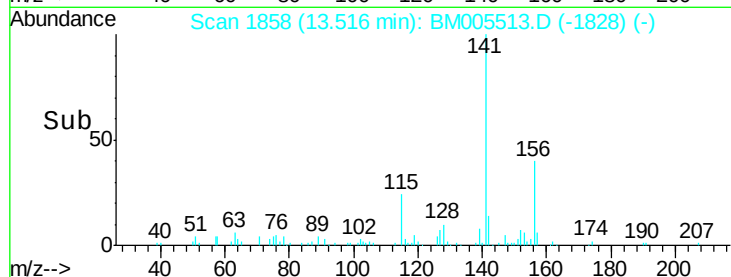
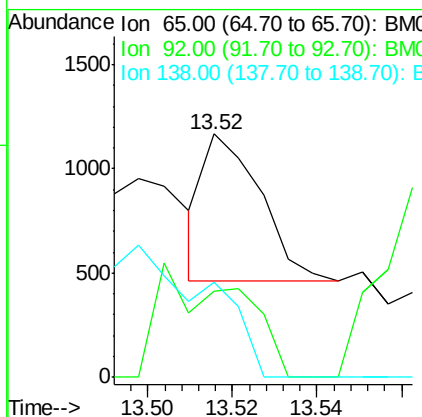
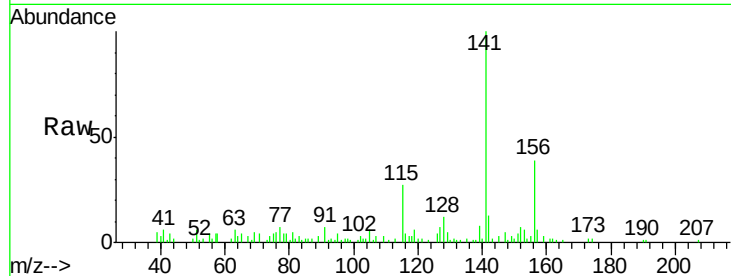




#42
2-Nitroaniline
Concen: 14.88 ng/ul
RT: 13.52 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

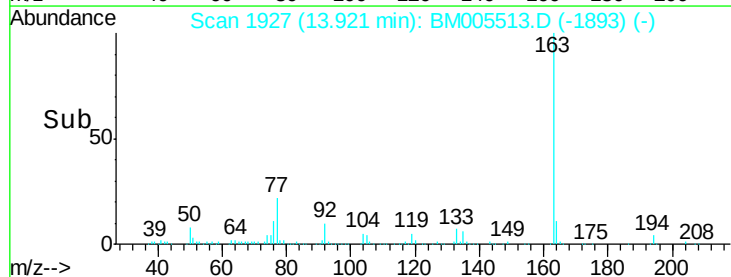
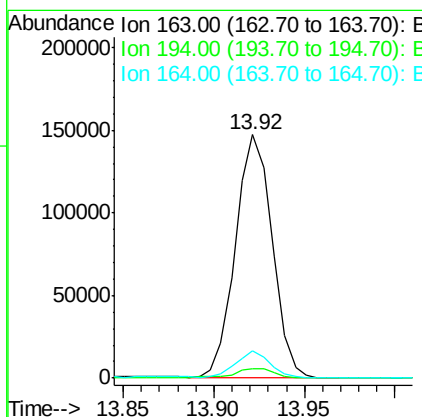
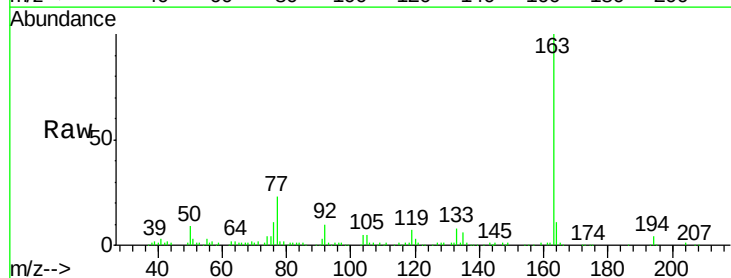
Instrument :
BNA_M
ClientSampleId :
D9WT2

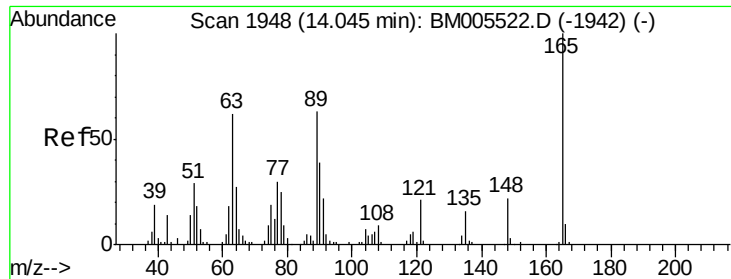
Tgt Ion: 65 Resp: 655
Ion Ratio Lower Upper
65 100
92 35.5 60.1 90.1#
138 39.2 84.0 126.0#



#44
Dimethylphthalate
Concen: 1089.47 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

Tgt Ion: 163 Resp: 206826
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 11.2 7.9 11.9





#45

2,6-Dinitrotoluene

Concen: 12.59 ng/ul

RT: 14.00 min Scan# 1940

Delta R.T. -0.04 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

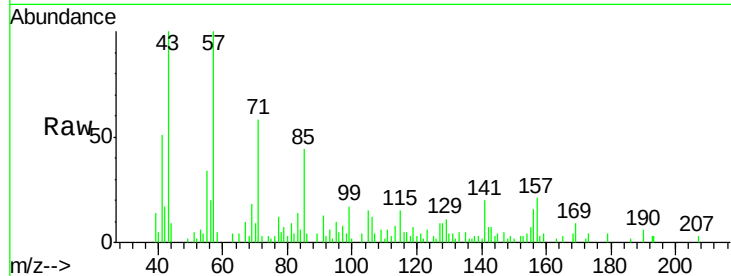
Tgt Ion:165 Resp: 460

Ion Ratio Lower Upper

165 100

89 122.2 52.2 78.4#

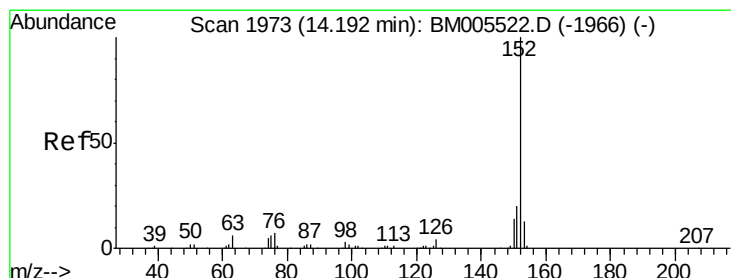
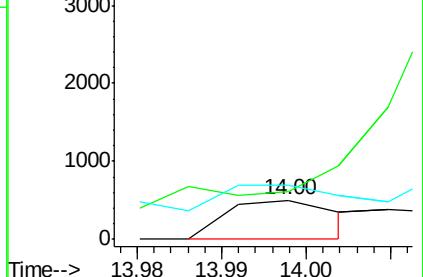
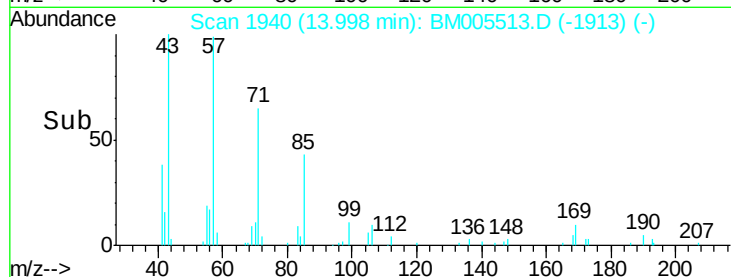
121 138.8 21.0 31.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#47

Acenaphthylene

Concen: 76.67 ng/ul

RT: 14.19 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

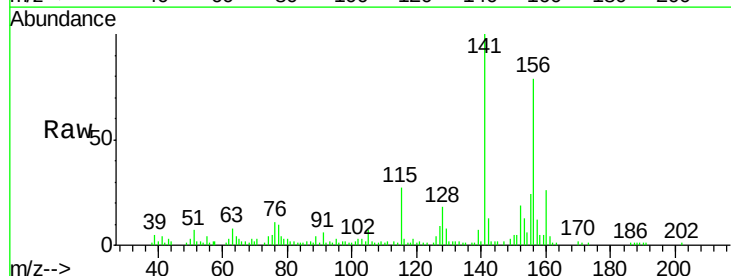
Tgt Ion:152 Resp: 17456

Ion Ratio Lower Upper

152 100

151 28.2 16.0 24.0#

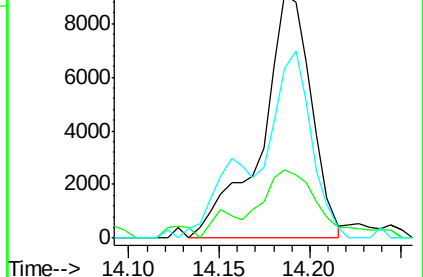
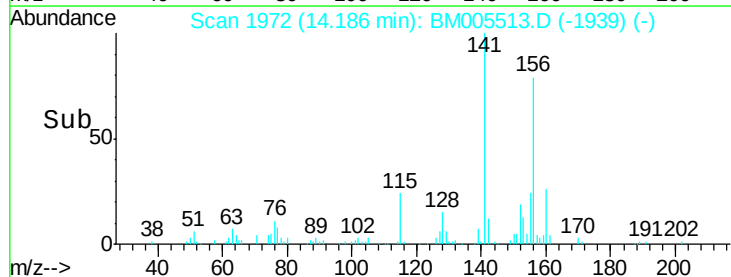
153 69.8 10.3 15.5#

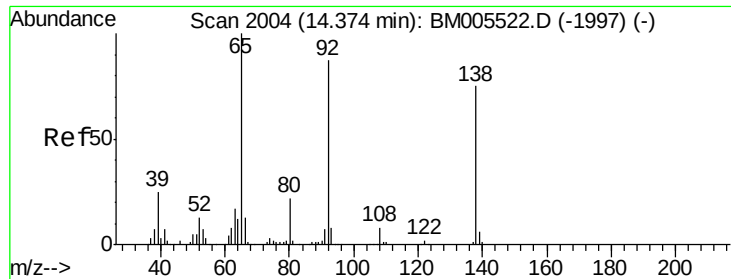


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

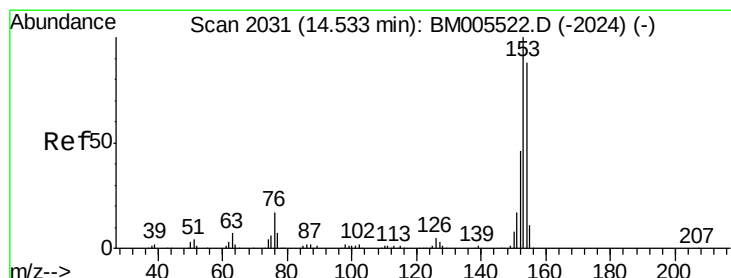
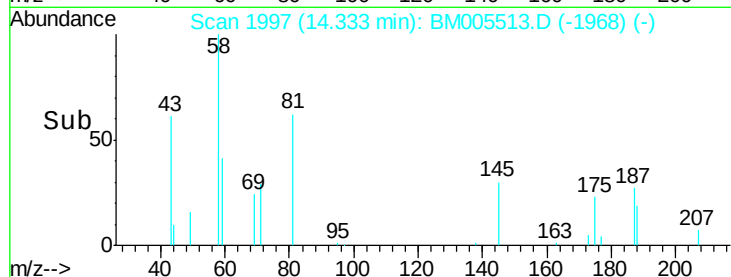
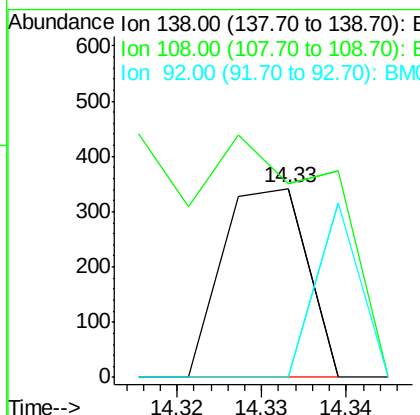
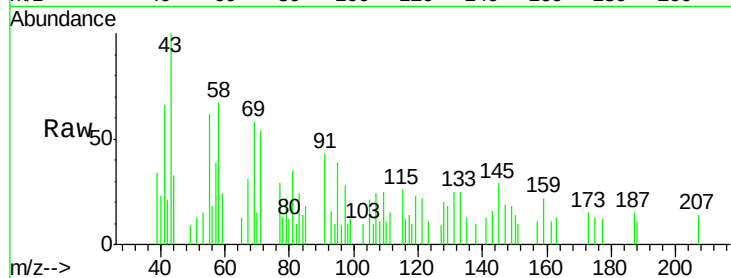




#48
3-Nitroaniline
Concen: 6.06 ng/ul
RT: 14.33 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

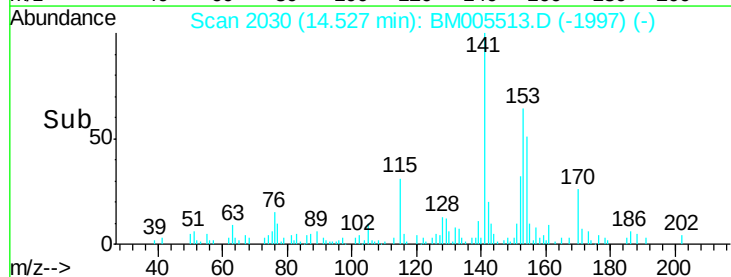
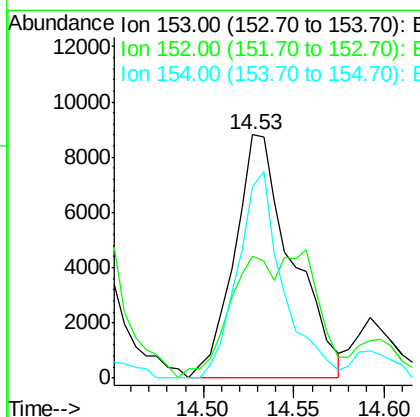
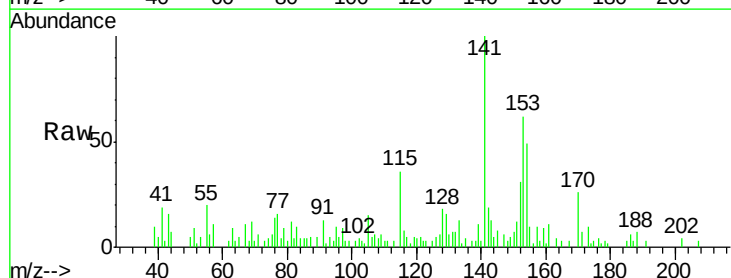
Instrument :
BNA_M
ClientSampleId :
D9WT2

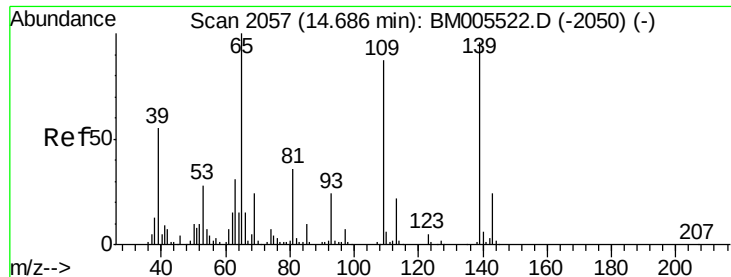
Tgt Ion:138 Resp: 236
Ion Ratio Lower Upper
138 100
108 102.6 8.6 13.0#
92 0.0 93.5 140.3#



#49
Acenaphthene
Concen: 125.15 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

Tgt Ion:153 Resp: 19462
Ion Ratio Lower Upper
153 100
152 50.0 38.9 58.3
154 78.6 70.3 105.5





#52

4-Nitrophenol

Concen: 10.44 ng/ul

RT: 14.63 min Scan# 2048

Delta R.T. -0.03 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

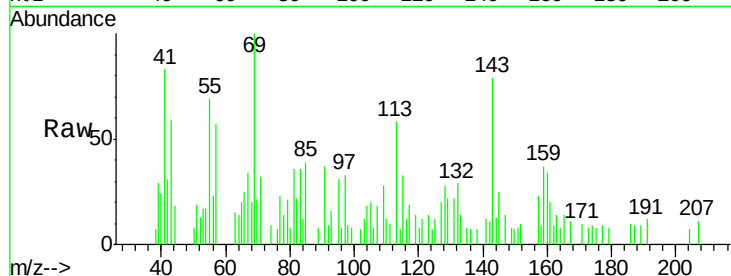
Tgt Ion:109 Resp: 357

Ion Ratio Lower Upper

109 100

139 0.0 103.6 155.4#

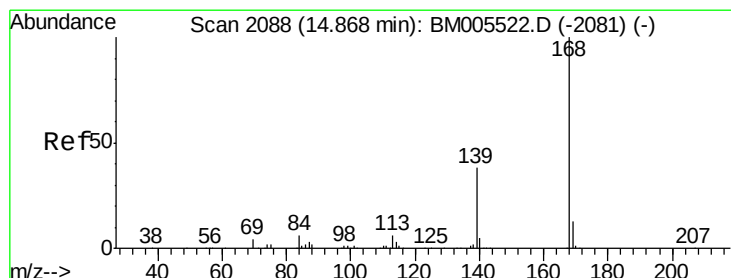
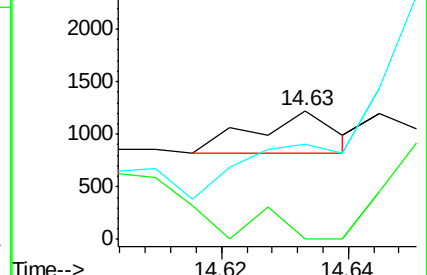
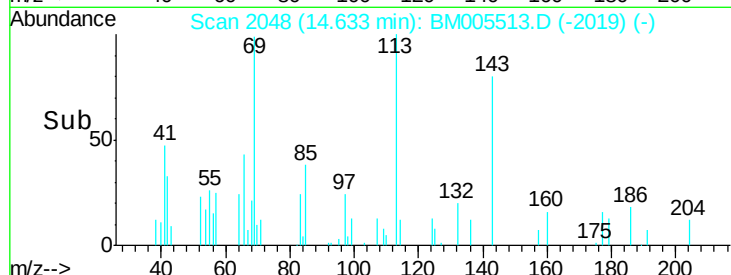
65 74.1 104.7 157.1#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 855.18 ng/ul

RT: 14.86 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM005513.D

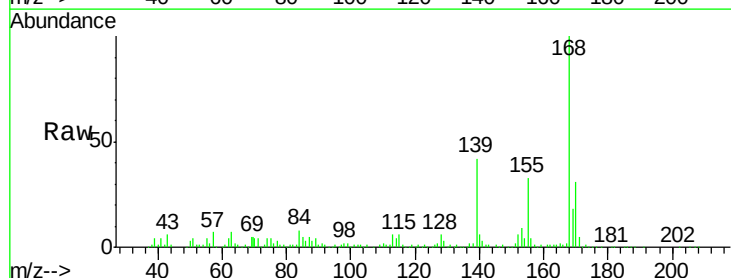
Acq: 20 May 2016 00:20

Tgt Ion:168 Resp: 193988

Ion Ratio Lower Upper

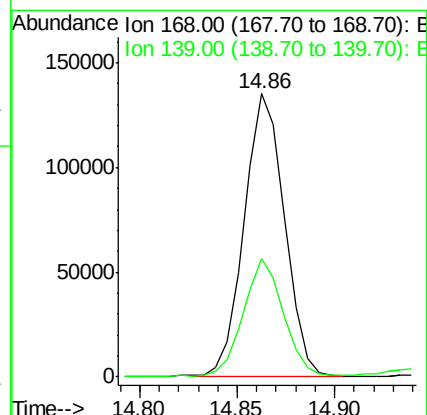
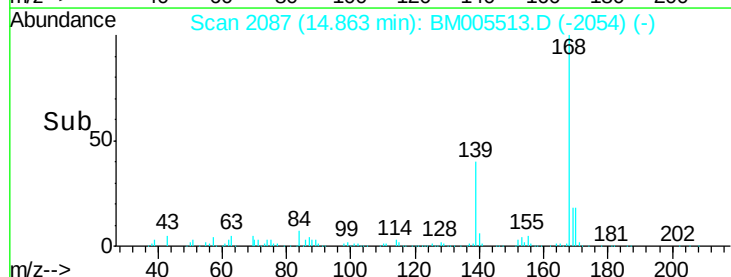
168 100

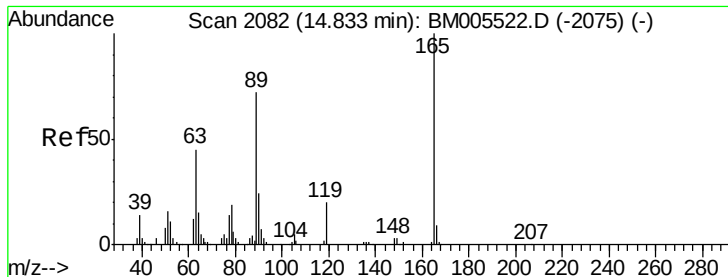
139 41.7 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

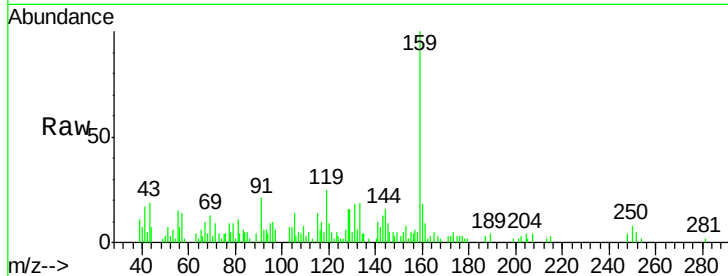




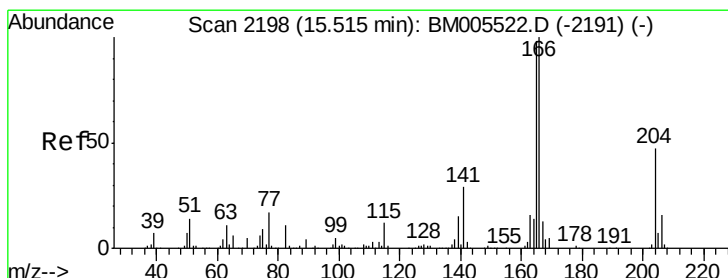
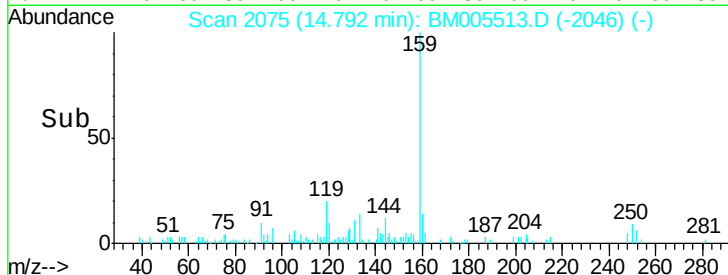
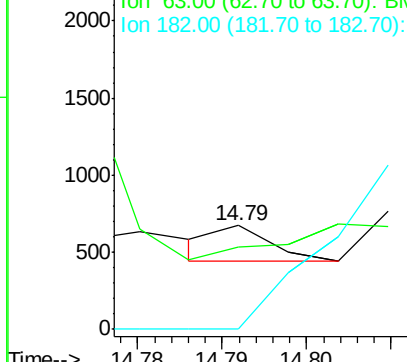
#54
2,4-Dinitrotoluene
Concen: 1.88 ng/ul
RT: 14.79 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

Instrument :
BNA_M
ClientSampleId :
D9WT2

Tgt Ion:165 Resp: 104
Ion Ratio Lower Upper
165 100
63 78.8 36.2 54.4#
182 0.0 2.5 3.7#

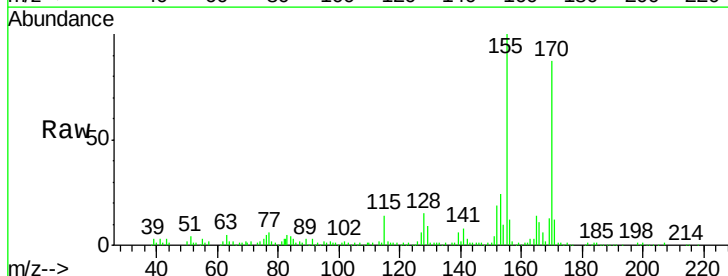


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

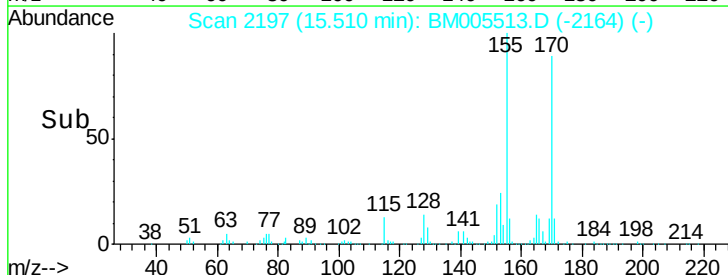
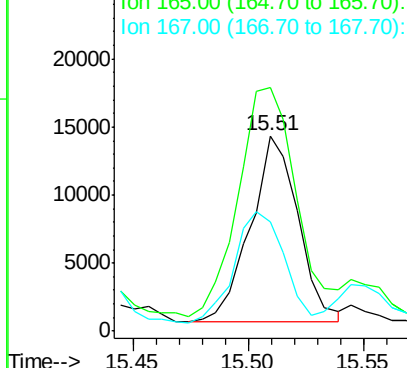


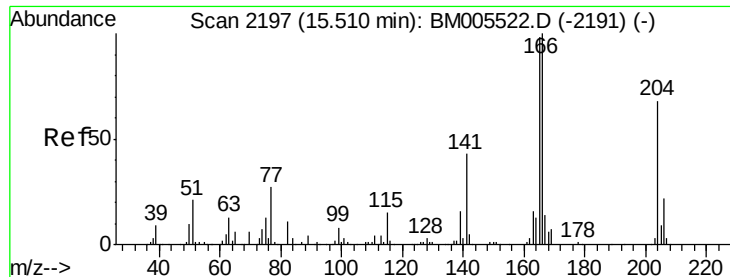
#58
Fluorene
Concen: 104.97 ng/ul
RT: 15.51 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM005513.D
Acq: 20 May 2016 00:20

Tgt Ion:166 Resp: 19693
Ion Ratio Lower Upper
166 100
165 124.7 77.9 116.9#
167 55.9 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

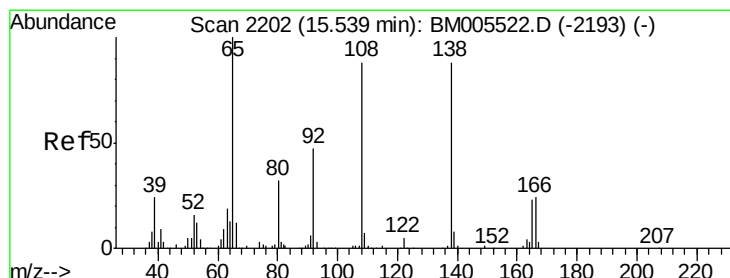
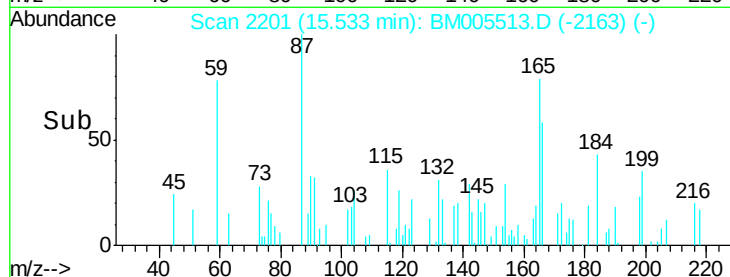
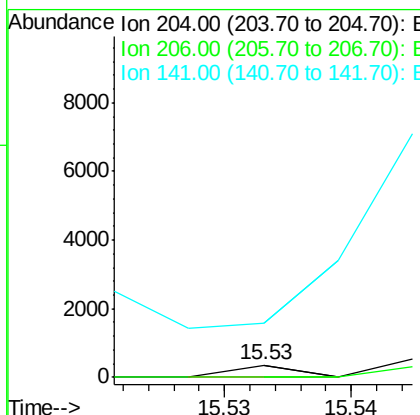
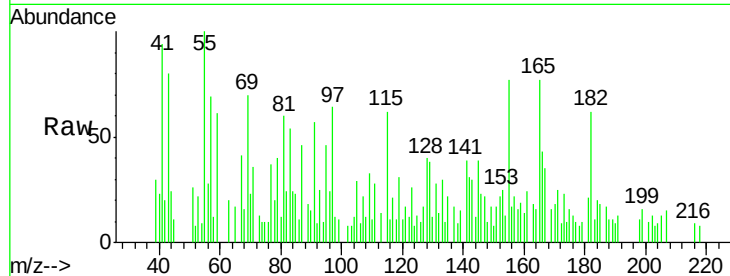




#59
 4-Chlorophenyl-phenylether
 Concen: 1.40 ng/ul
 RT: 15.53 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

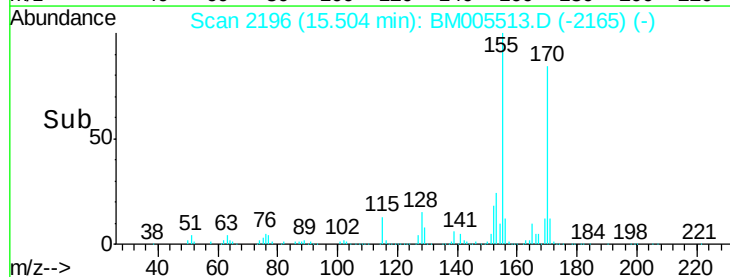
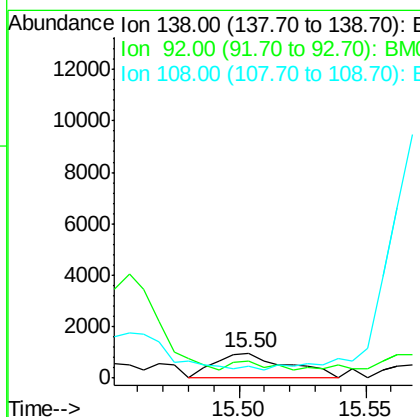
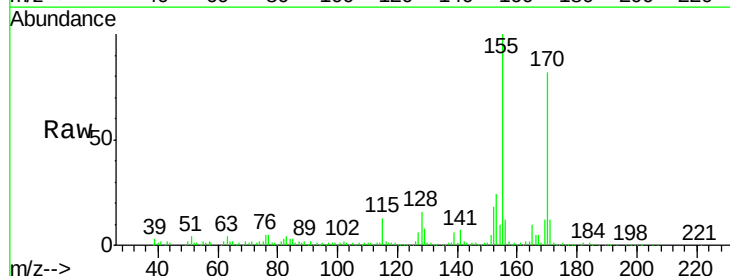
Instrument :
 BNA_M
 ClientSampleId :
 D9WT2

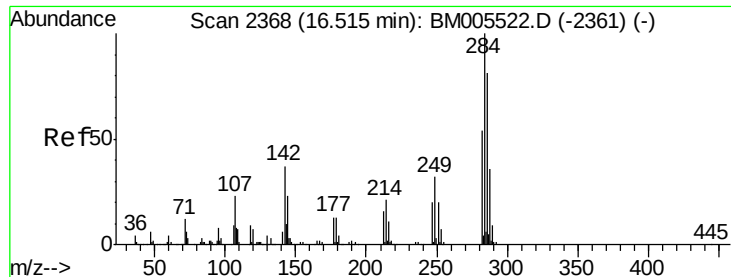
Tgt Ion: 204 Resp: 126
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.8 38.6#
 141 436.9 48.9 73.3#



#60
 4-Nitroaniline
 Concen: 43.22 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM005513.D
 Acq: 20 May 2016 00:20

Tgt Ion: 138 Resp: 1974
 Ion Ratio Lower Upper
 138 100
 92 66.4 44.3 66.5
 108 44.9 66.3 99.5#





#66

Hexachlorobenzene

Concen: 3.73 ng/ul

RT: 16.51 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

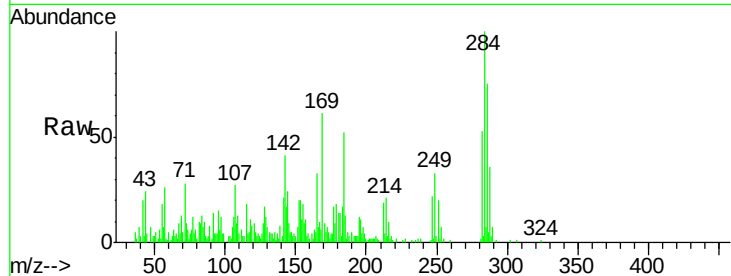
Tgt Ion:284 Resp: 37351

Ion Ratio Lower Upper

284 100

142 41.5 31.0 46.6

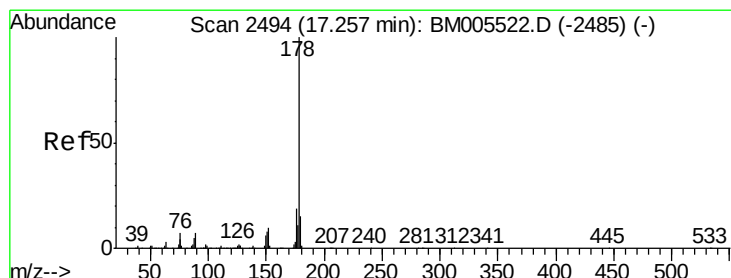
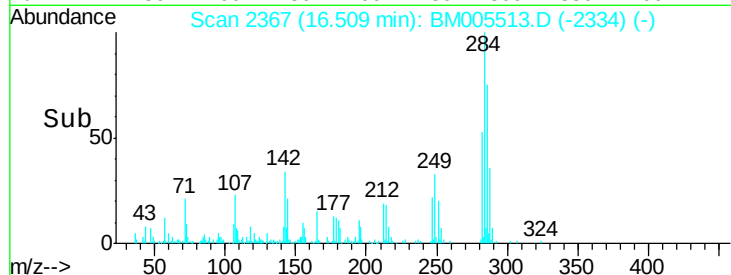
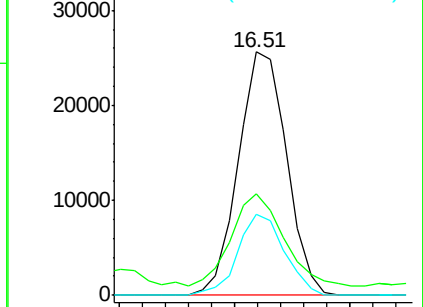
249 33.1 26.9 40.3



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: 14.95 ng/ul

RT: 17.25 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

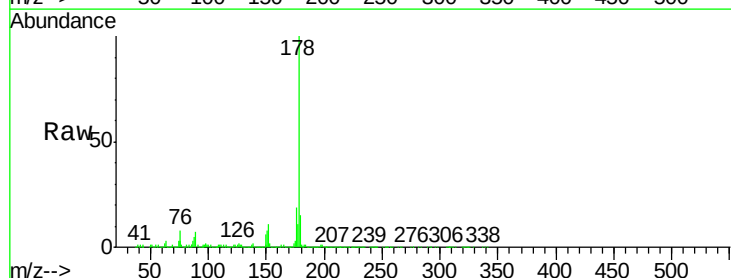
Tgt Ion:178 Resp: 724317

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

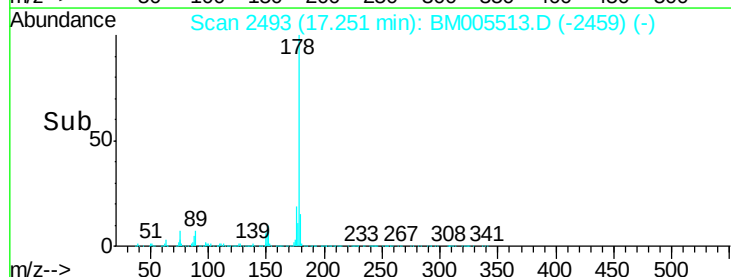
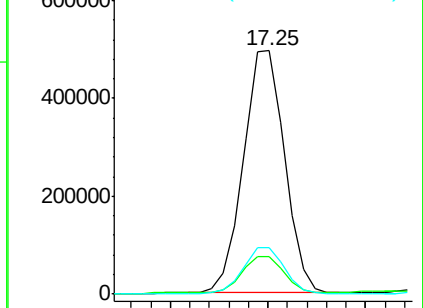
176 19.2 15.2 22.8

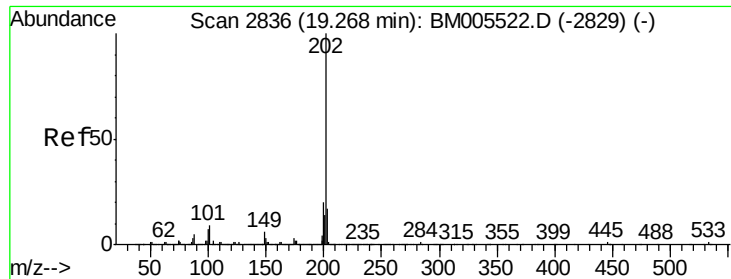


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 13.21 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

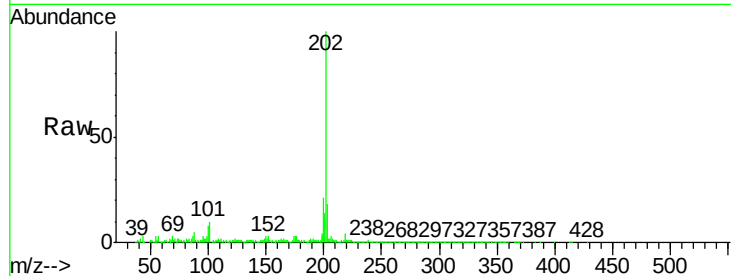
Tgt Ion:202 Resp: 748501

Ion Ratio Lower Upper

202 100

101 10.1 9.2 13.8

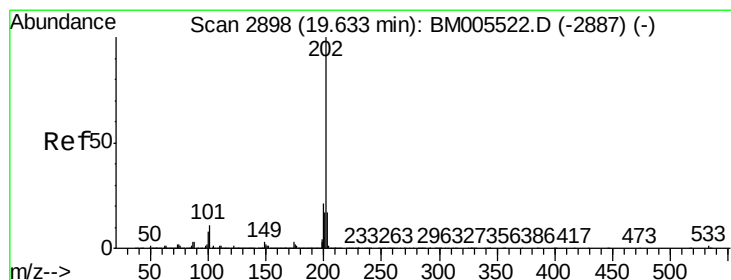
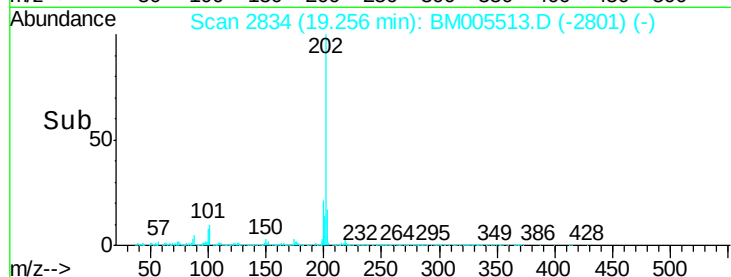
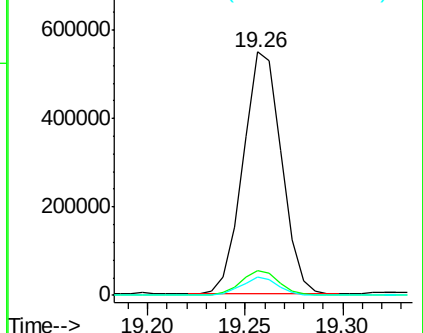
100 7.7 7.1 10.7



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



#77

Pyrene

Concen: 96.73 ng/ul

RT: 19.86 min Scan# 2936

Delta R.T. 0.24 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

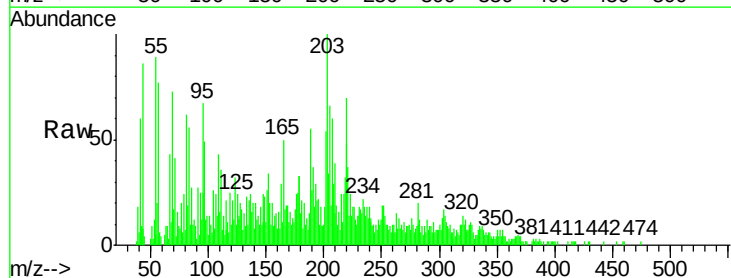
Tgt Ion:202 Resp: 8339

Ion Ratio Lower Upper

202 100

101 25.8 10.8 16.2#

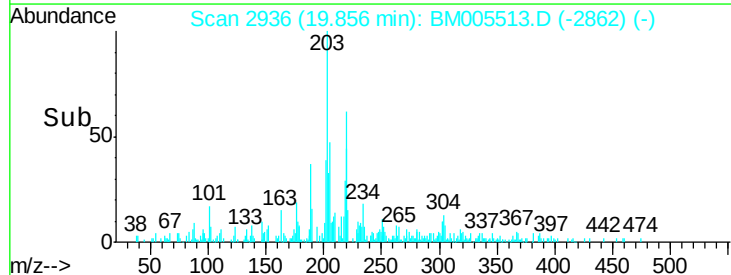
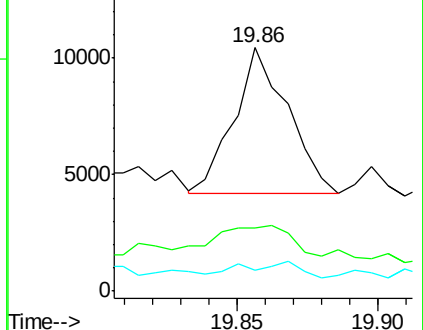
100 8.7 8.4 12.6

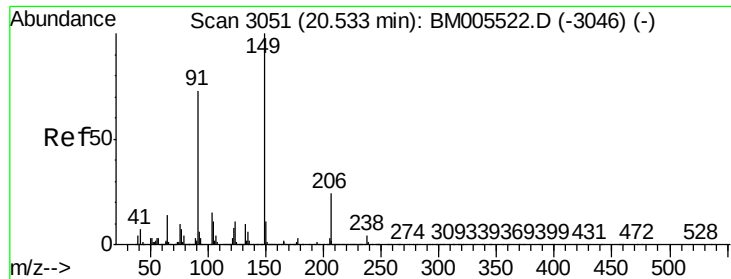


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 15.90 ng/ul

RT: 20.69 min Scan# 3078

Delta R.T. 0.16 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

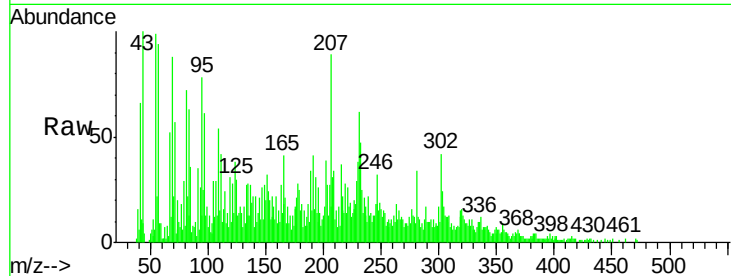
Tgt Ion:149 Resp: 582

Ion Ratio Lower Upper

149 100

91 126.2 58.4 87.6#

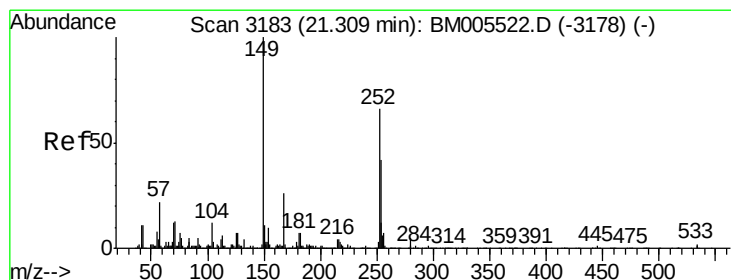
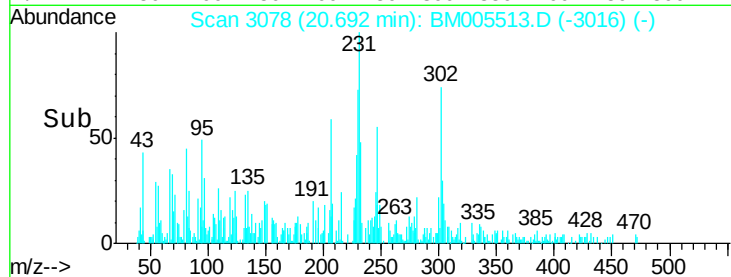
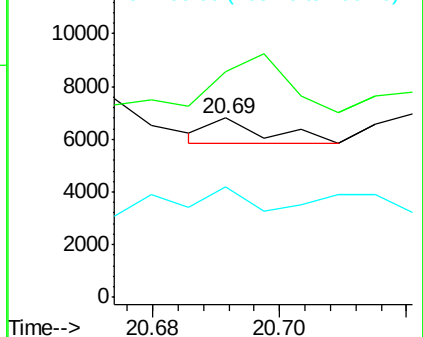
206 61.5 17.3 25.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 31.94 ng/ul

RT: 21.49 min Scan# 3214

Delta R.T. 0.19 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

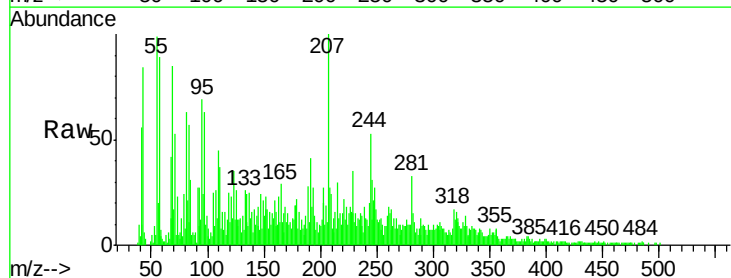
Tgt Ion:252 Resp: 984

Ion Ratio Lower Upper

252 100

254 56.2 52.1 78.1

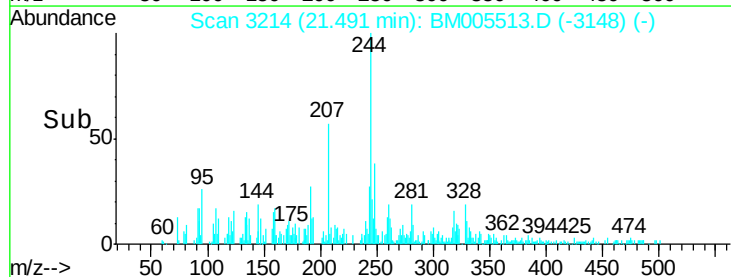
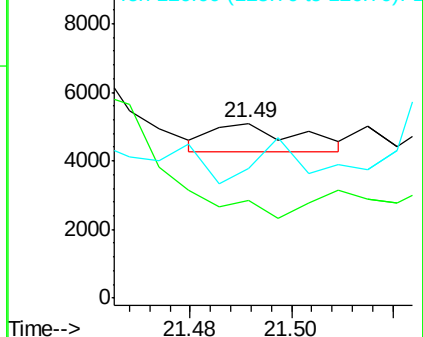
126 74.0 9.8 14.8#

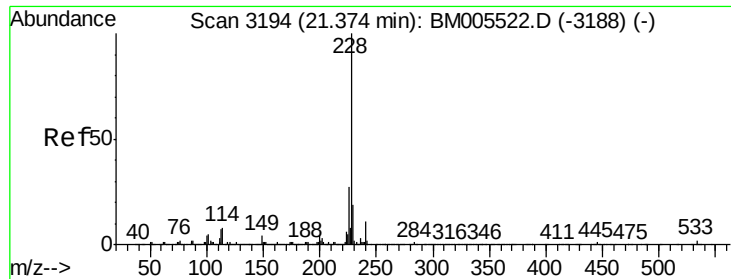


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 6287.16 ng/ul

RT: 21.42 min Scan# 3201

Delta R.T. 0.05 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

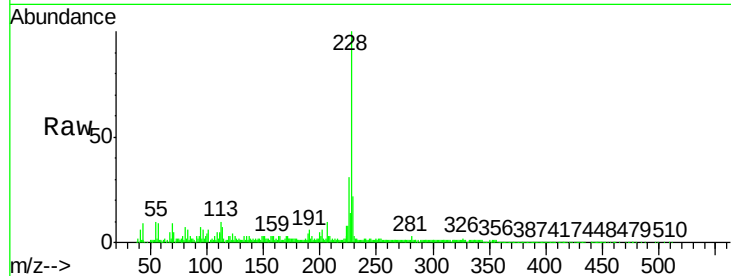
Tgt Ion:228 Resp: 594347

Ion Ratio Lower Upper

228 100

229 22.1 15.5 23.3

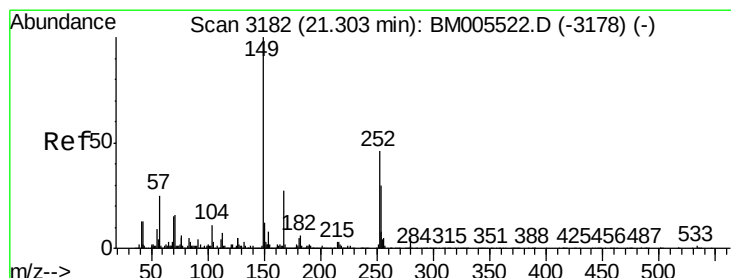
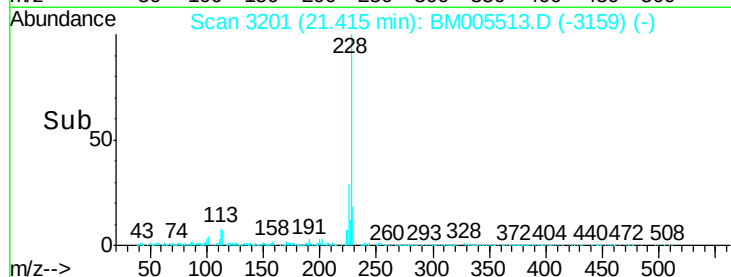
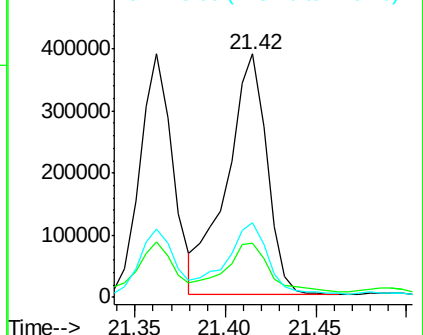
226 30.5 21.8 32.8



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: 14.52 ng/ul

RT: 21.50 min Scan# 3215

Delta R.T. 0.19 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

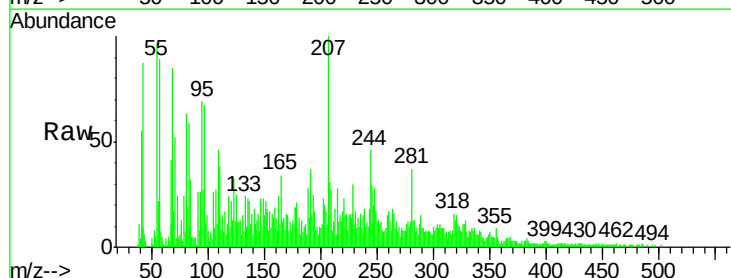
Tgt Ion:149 Resp: 795

Ion Ratio Lower Upper

149 100

167 58.8 21.9 32.9#

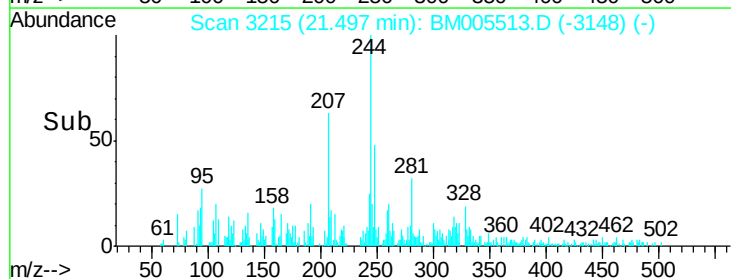
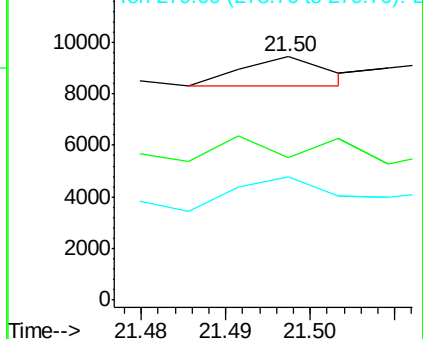
279 50.6 3.0 4.4#

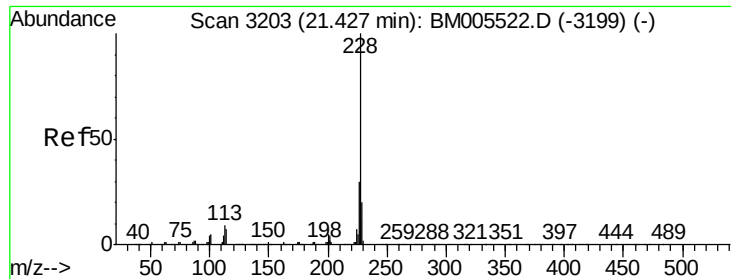


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 375.19 ng/ul

RT: 21.53 min Scan# 3221

Delta R.T. 0.11 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

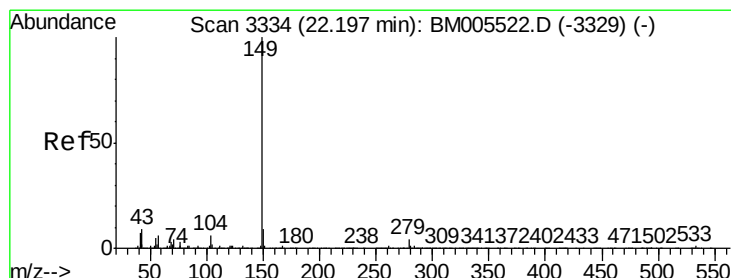
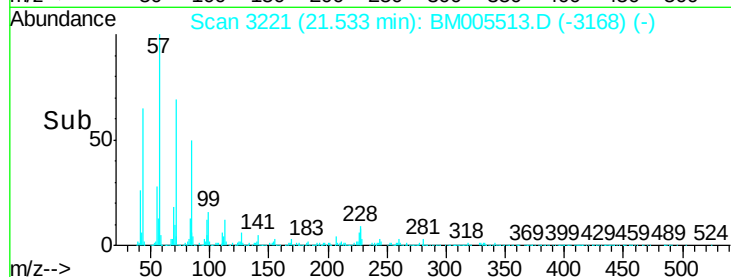
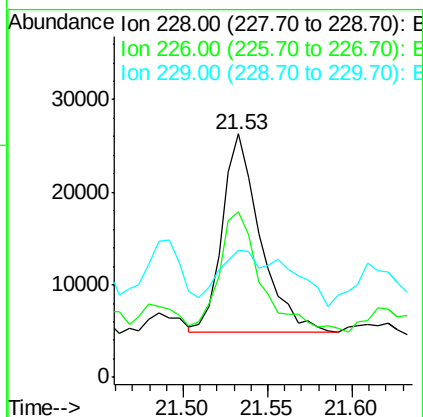
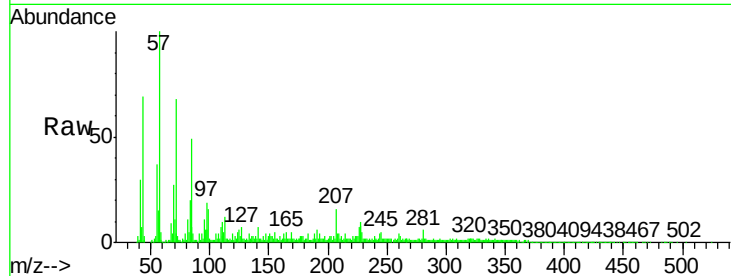
Tgt Ion:228 Resp: 33550

Ion Ratio Lower Upper

228 100

226 67.9 23.6 35.4#

229 52.2 15.4 23.0#



#84

Di-n-octyl phthalate

Concen: 185.91 ng/ul

RT: 22.41 min Scan# 3371

Delta R.T. 0.22 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

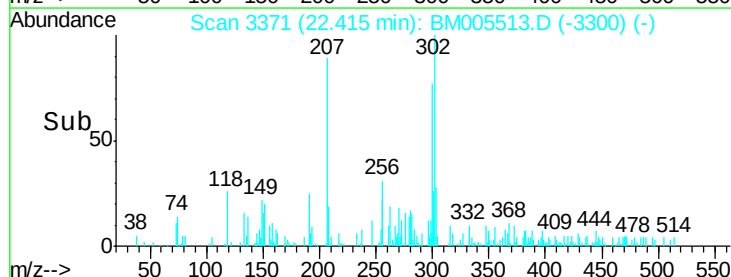
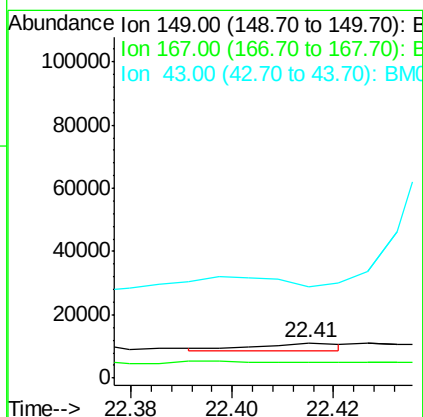
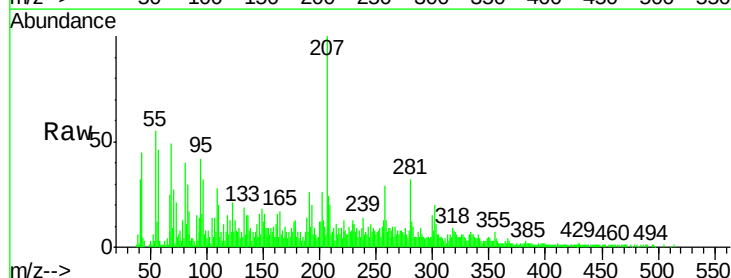
Tgt Ion:149 Resp: 2763

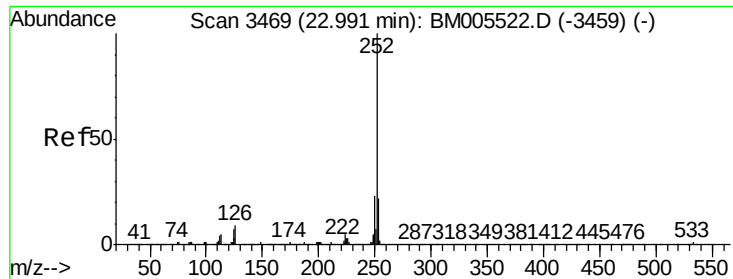
Ion Ratio Lower Upper

149 100

167 45.4 1.3 1.9#

43 256.8 7.4 11.0#





#85

Benzo(b)fluoranthene

Concen: 4625.92 ng/ul

RT: 23.15 min Scan# 3496

Delta R.T. 0.17 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

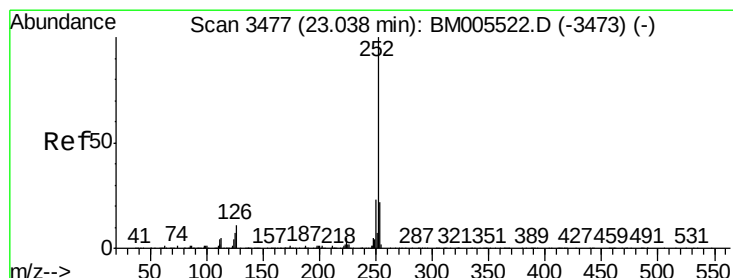
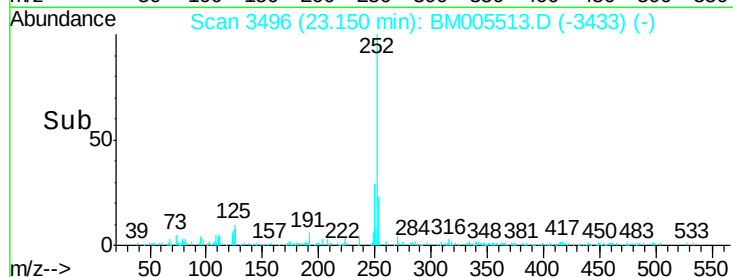
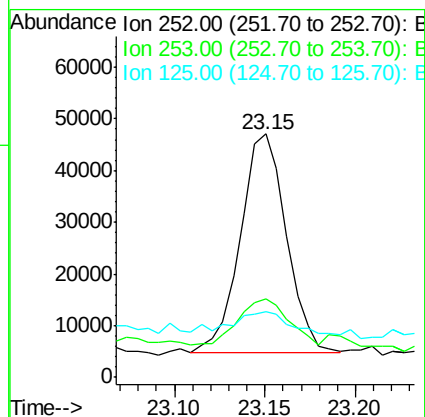
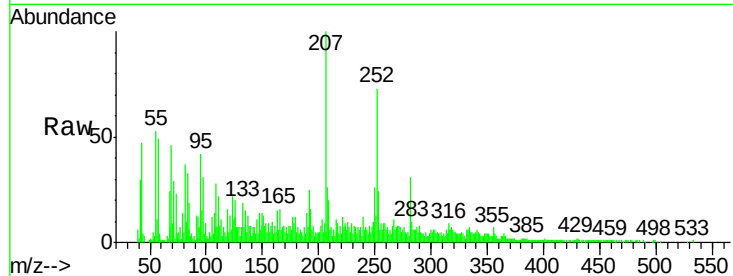
Tgt Ion:252 Resp: 74127

Ion Ratio Lower Upper

252 100

253 32.2 17.4 26.2#

125 27.0 8.4 12.6#



#86

Benzo(k)fluoranthene

Concen: 66.10 ng/ul

RT: 23.22 min Scan# 3508

Delta R.T. 0.19 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

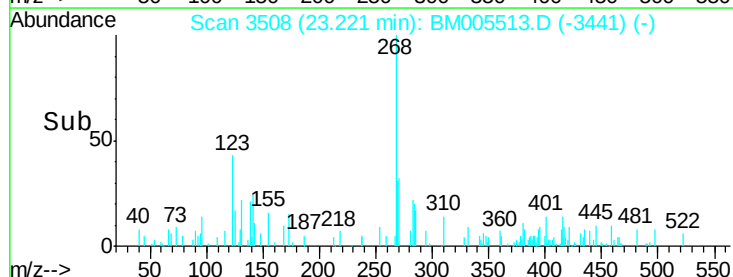
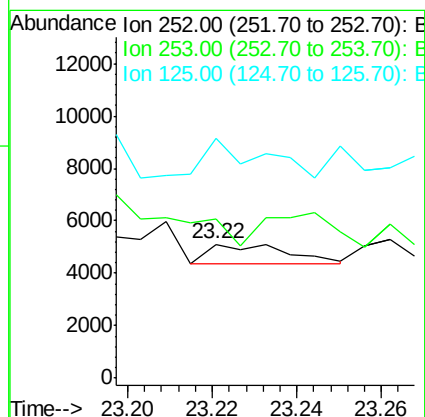
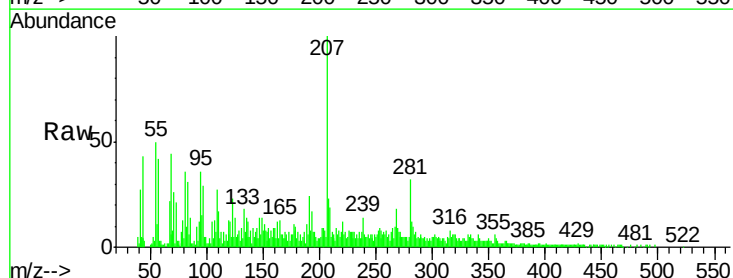
Tgt Ion:252 Resp: 1029

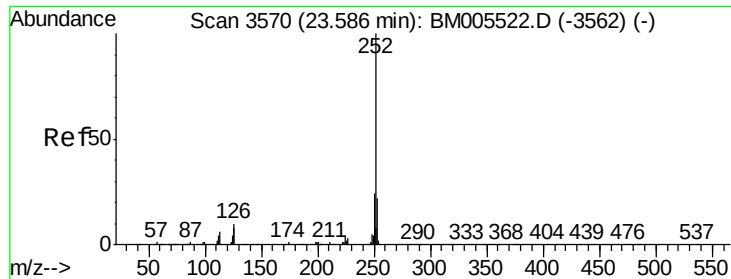
Ion Ratio Lower Upper

252 100

253 118.7 17.3 25.9#

125 179.2 8.0 12.0#





#88

Benzo(a)pyrene

Concen: 142.39 ng/ul

RT: 23.81 min Scan# 3609

Delta R.T. 0.25 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

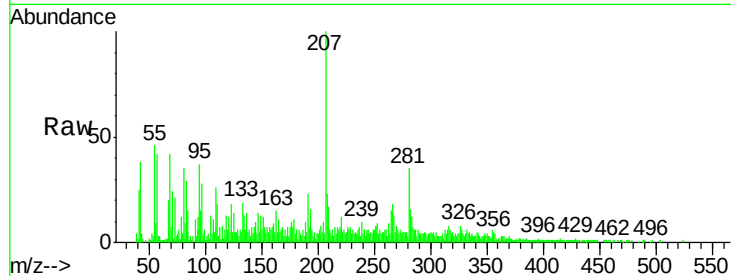
Tgt Ion:252 Resp: 2267

Ion Ratio Lower Upper

252 100

253 106.3 17.5 26.3#

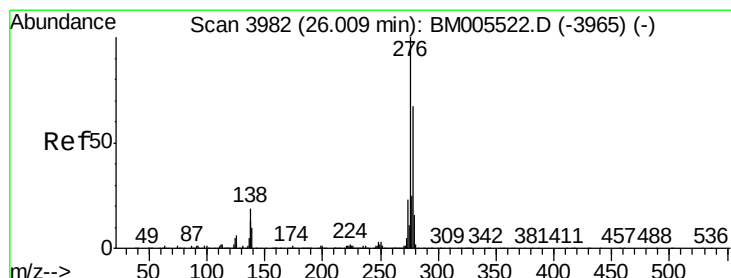
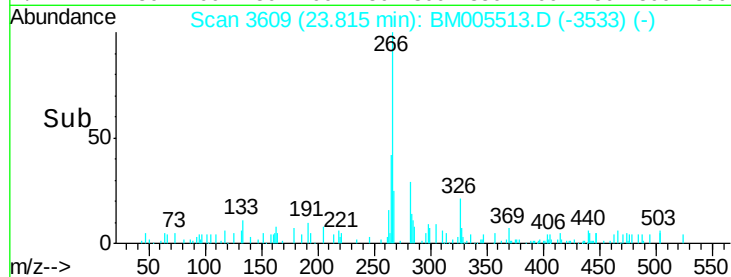
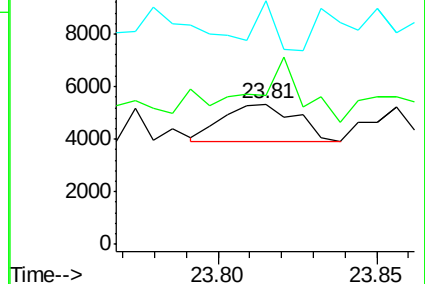
125 173.6 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 25.66 ng/ul

RT: 26.20 min Scan# 4015

Delta R.T. 0.22 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

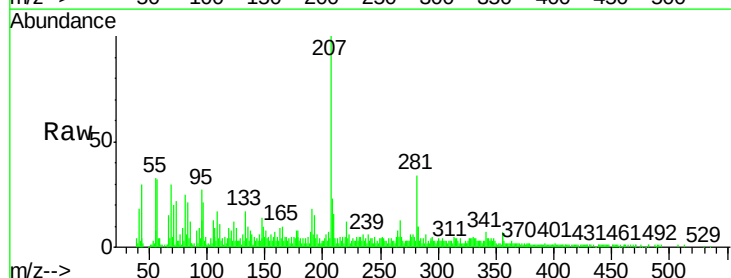
Tgt Ion:276 Resp: 538

Ion Ratio Lower Upper

276 100

138 84.8 21.0 31.6#

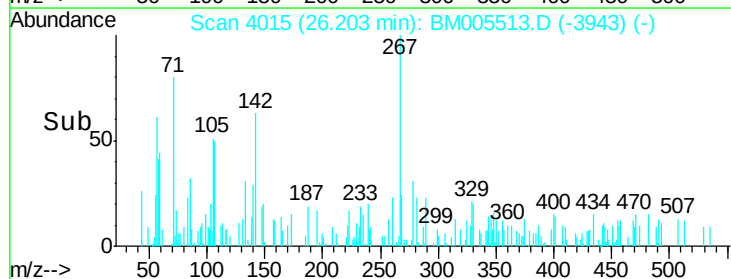
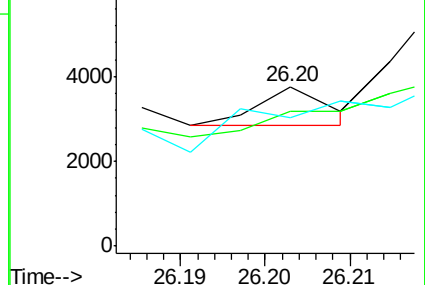
277 80.9 19.9 29.9#

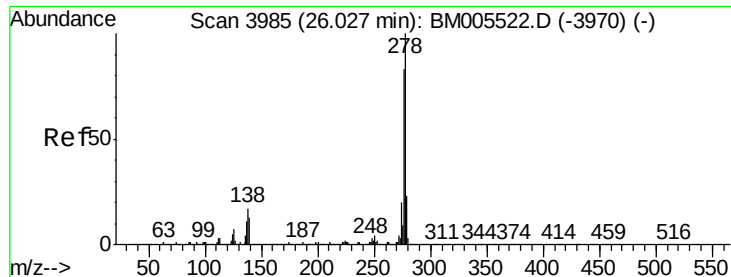


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3516.14 ng/ul

RT: 26.24 min Scan# 4022

Delta R.T. 0.25 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9WT2

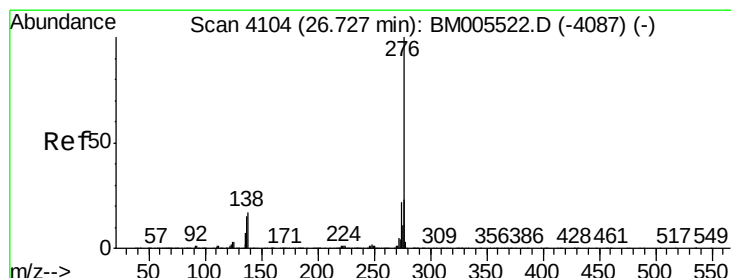
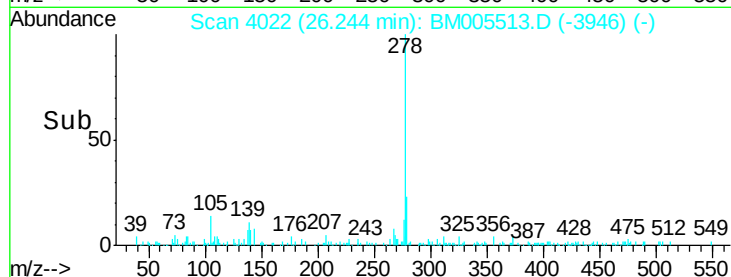
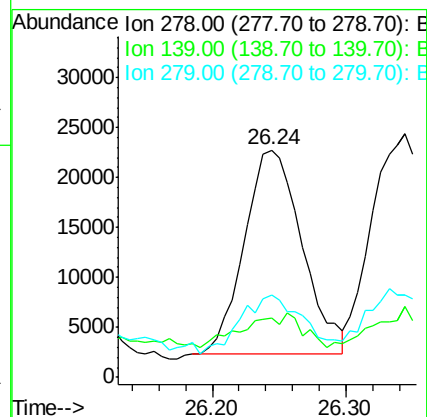
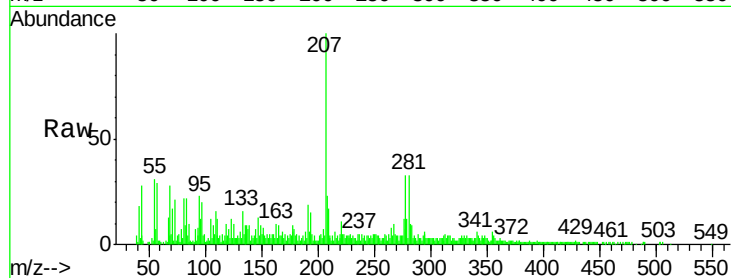
Tgt Ion:278 Resp: 61239

Ion Ratio Lower Upper

278 100

139 26.1 13.8 20.6#

279 36.1 18.9 28.3#



#91

Benzo(g,h,i)perylene

Concen: 18.38 ng/ul

RT: 26.92 min Scan# 4137

Delta R.T. 0.23 min

Lab File: BM005513.D

Acq: 20 May 2016 00:20

Tgt Ion:276 Resp: 334

Ion Ratio Lower Upper

276 100

138 76.4 18.2 27.4#

277 94.7 19.4 29.2#

