

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
 Data File : BM007492.D
 Acq On : 20 Sep 2016 12:12
 Operator : UM/SJ
 Sample : H4830-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

Quant Time: Sep 20 16:17:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 20 01:35:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	146282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	687451	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	537323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1237035	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1762834	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1875300	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	21569	7.54	ng/uL	0.00
5) Phenol-d5	6.96	99	522713	37.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	281134	38.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	390607	38.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	450735	37.40	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	204085	40.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	237889	40.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	466536	39.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	293397	20.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1674758	36.13	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1920969	35.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	297693	34.02	ng/ul	0.00
57) Fluorene-d10	15.42	176	1414897	35.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	292590	37.62	ng/ul	0.00
70) Anthracene-d10	17.26	188	2377166	41.14	ng/ul	0.00
76) Pyrene-d10	19.56	212	3008255	40.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	3568454	41.31	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.94	77	29054	3.69 ng/ul	97
10) 2-Chlorophenol	7.35	128	451474	43.17 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	710741	63.25 ng/ul	98
14) Acetophenone	8.60	105	788217	42.65 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	11870	1.21 ng/ul#	1
17) Hexachloroethane	8.86	117	86834	21.35 ng/ul	94
20) Nitrobenzene	8.99	77	899060	69.35 ng/ul	99
23) 2-Nitrophenol	9.69	139	351420	54.85 ng/ul	96
27) 2,4-Dichlorophenol	10.22	162	327208	28.08 ng/ul	99
28) Naphthalene	10.62	128	628381	18.38 ng/ul	100
30) 4-Chloroaniline	10.73	127	24081	1.60 ng/ul#	88
33) 4-Chloro-3-methylphenol	11.86	107	800592	55.50 ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	368072	20.57 ng/ul	95
38) 2,4,6-Trichlorophenol	12.84	196	397308	31.39 ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	397308	30.12 ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1661465	39.87 ng/ul	96
42) 2-Nitroaniline	13.50	65	636693	59.66 ng/ul	97
44) Dimethylphthalate	13.91	163	60970	1.32 ng/ul#	96
45) 2,6-Dinitrotoluene	14.00	165	401586	42.55 ng/ul	95
47) Acenaphthylene	14.14	152	2760100	49.92 ng/ul	99
49) Acenaphthene	14.48	153	164771	4.58 ng/ul	96
52) 4-Nitrophenol	14.65	109	562951	60.47 ng/ul	86
53) Dibenzofuran	14.82	168	1098557	20.40 ng/ul	96

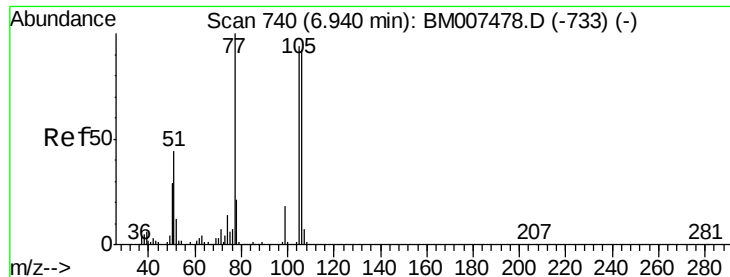
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 2,4-Dinitrotoluene	14.80	165	714364	49.38	ng/ul	100
56) Diethylphthalate	15.24	149	2242652	46.56	ng/ul	100
58) Fluorene	15.47	166	379764	8.56	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	2019669	58.48	ng/ul	99
66) Hexachlorobenzene	16.47	284	705830	45.13	ng/ul	96
68) Pentachlorophenol	16.82	266	499466	49.49	ng/ul	99
69) Phenanthrene	17.20	178	2491705	37.52	ng/ul	99
71) Anthracene	17.20	178	2491705	36.35	ng/ul	98
73) Di-n-butylphthalate	18.13	149	3398590	45.33	ng/ul	99
77) Pyrene	19.59	202	1735438	18.35	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	188377	5.38	ng/ul	99
80) Benzo(a)anthracene	21.33	228	4663344	44.87	ng/ul	100
82) Chrysene	21.33	228	4663344	49.54	ng/ul	98
84) Di-n-octyl phthalate	22.14	149	3311616	35.45	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	4100351	36.98	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	4100351	40.01	ng/ul	100
88) Benzo(a)pyrene	23.51	252	2454503	23.13	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	1323718	10.17	ng/ul#	79
90) Dibenzo(a,h)anthracene	25.92	278	5551916	51.26	ng/ul	100
91) Benzo(g,h,i)perylene	26.61	276	2970926	26.87	ng/ul	98

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



#4

Benzaldehyde

Concen: 3.69 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

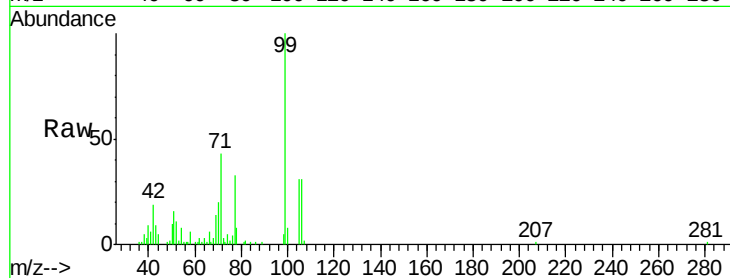
Tgt Ion: 77 Resp: 29054

Ion Ratio Lower Upper

77 100

105 95.6 76.9 115.3

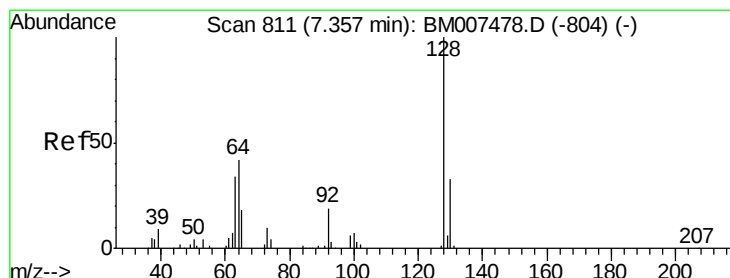
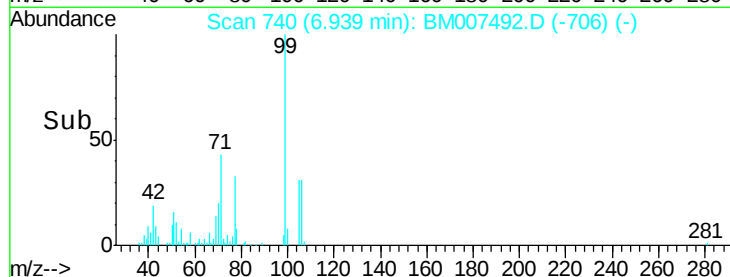
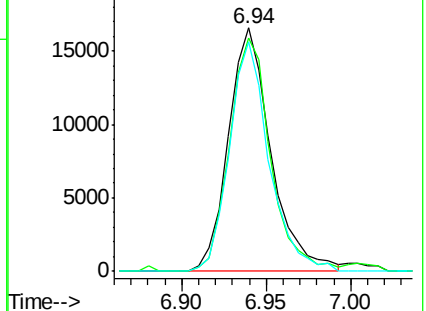
106 94.5 71.8 107.8



Abundance Ion 77.00 (76.70 to 77.70): BM007478.D (-733) (-)

Ion 105.00 (104.70 to 105.70): BM007478.D (-733) (-)

Ion 106.00 (105.70 to 106.70): BM007478.D (-733) (-)



#10

2-Chlorophenol

Concen: 43.17 ng/ul

RT: 7.35 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

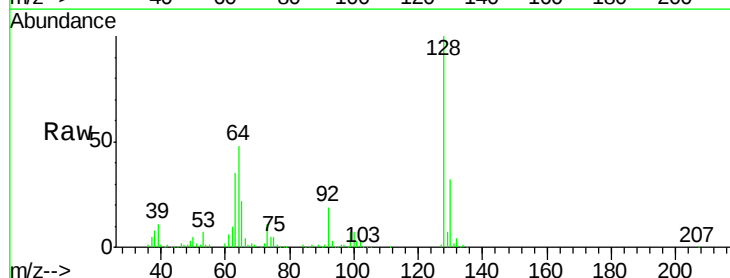
Tgt Ion: 128 Resp: 451474

Ion Ratio Lower Upper

128 100

64 48.3 37.5 56.3

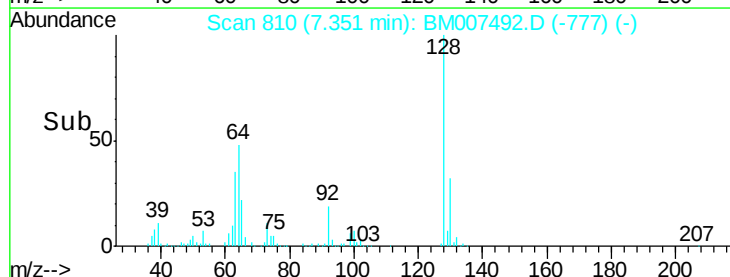
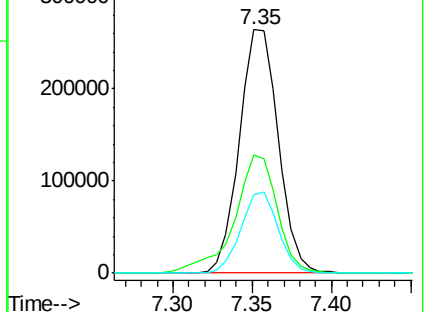
130 32.1 25.0 37.4

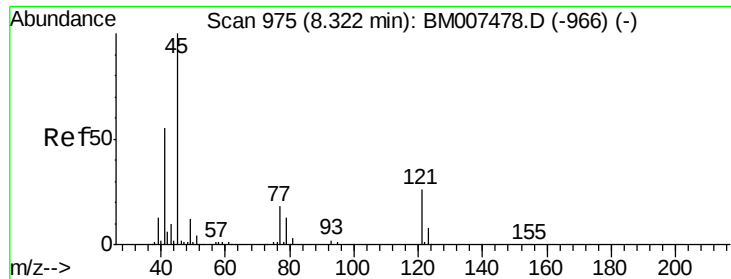


Abundance Ion 128.00 (127.70 to 128.70): BM007478.D (-804) (-)

Ion 64.00 (63.70 to 64.70): BM007478.D (-804) (-)

Ion 130.00 (129.70 to 130.70): BM007478.D (-804) (-)

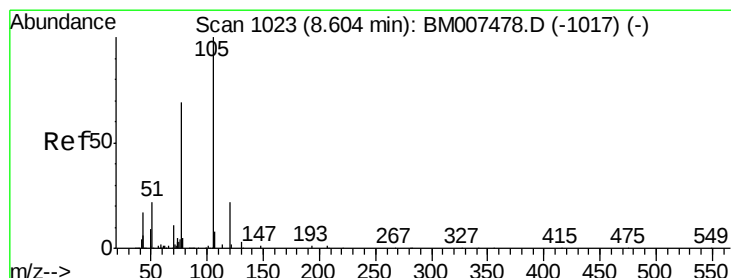
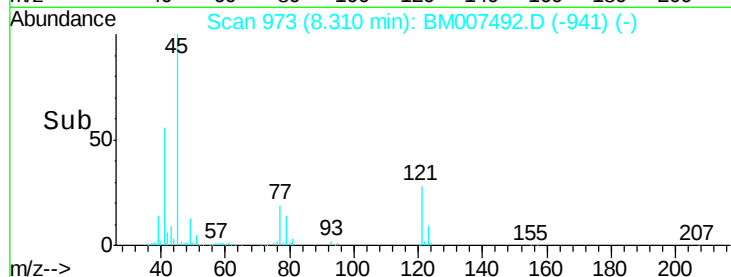
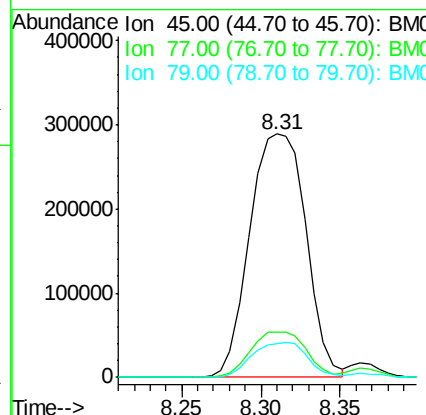
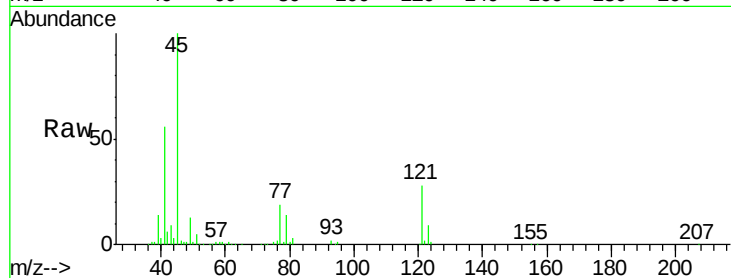




#12
2,2'-oxybis(1-Chloropropane)
Concen: 63.25 ng/ul
RT: 8.31 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

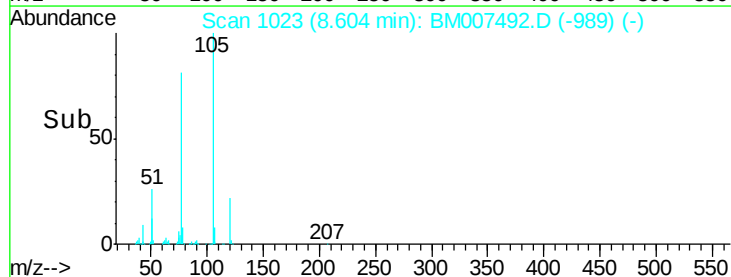
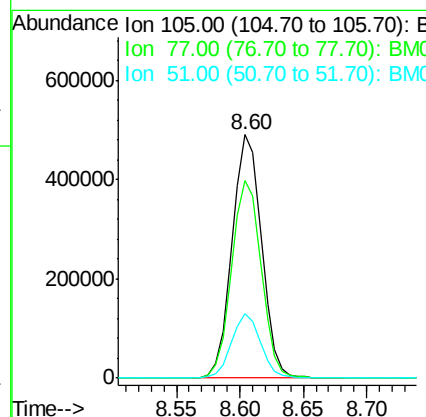
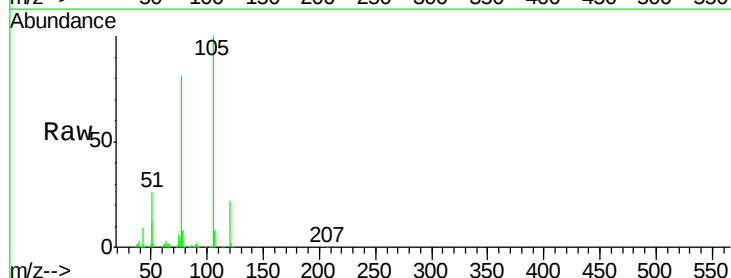
Instrument :
BNA_M
ClientSampleId :
A4VH6

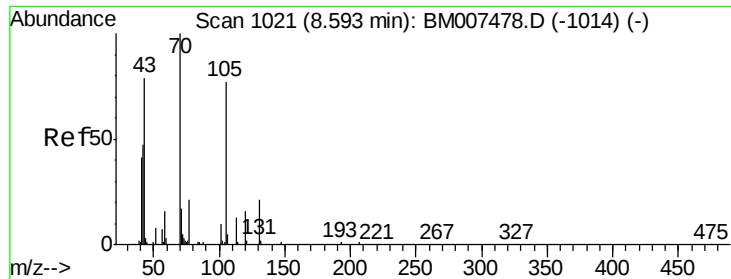
Tgt Ion: 45 Resp: 710741
Ion Ratio Lower Upper
45 100
77 18.6 14.1 21.1
79 13.6 10.4 15.6



#14
Acetophenone
Concen: 42.65 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion: 105 Resp: 788217
Ion Ratio Lower Upper
105 100
77 80.9 65.9 98.9
51 26.5 22.2 33.2

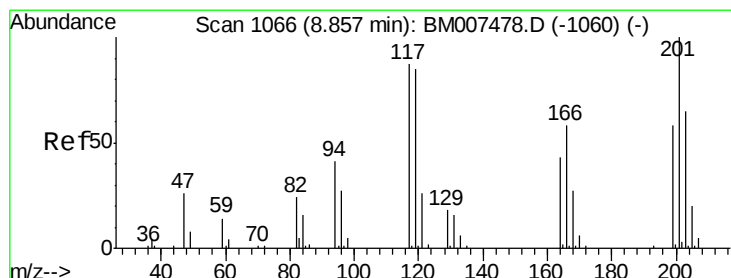
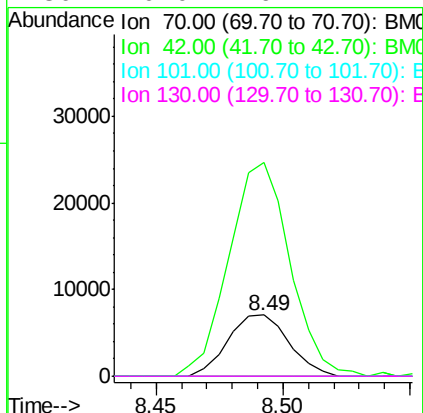
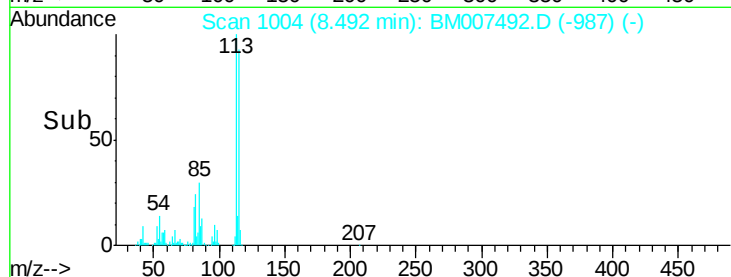
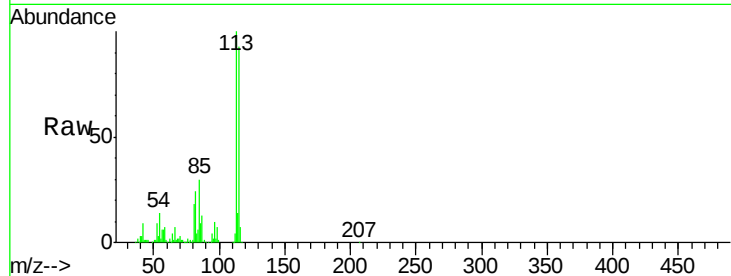




#15
N-Nitroso-di-n-propylamine
Concen: 1.21 ng/ul
RT: 8.49 min Scan# 1004
Delta R.T. -0.10 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

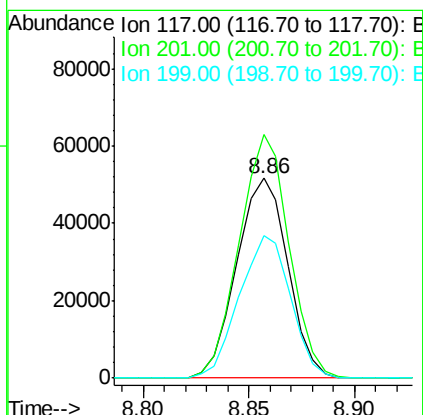
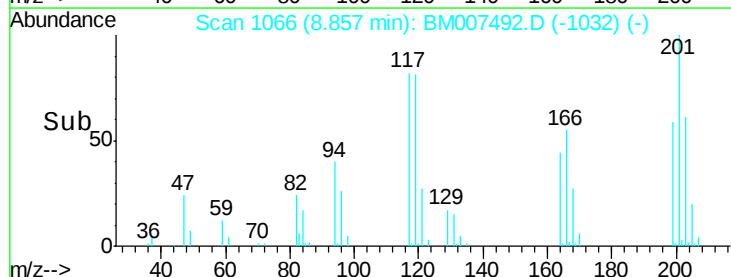
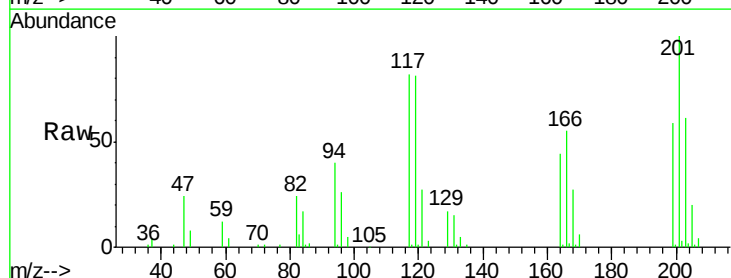
Instrument :
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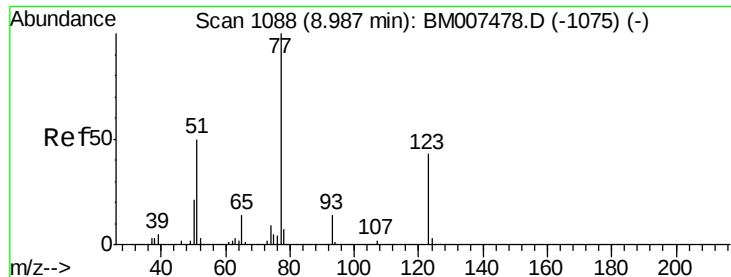
Tgt Ion: 70 Resp: 11870
Ion Ratio Lower Upper
70 100
42 347.9 43.4 65.2#
101 0.0 7.8 11.6#
130 0.0 16.2 24.4#



#17
Hexachloroethane
Concen: 21.35 ng/ul
RT: 8.86 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion: 117 Resp: 86834
Ion Ratio Lower Upper
117 100
201 121.8 90.3 135.5
199 71.3 58.5 87.7

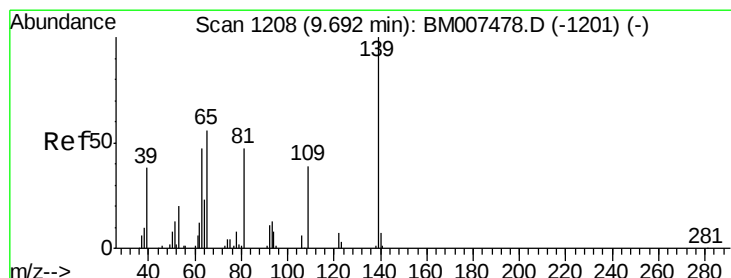
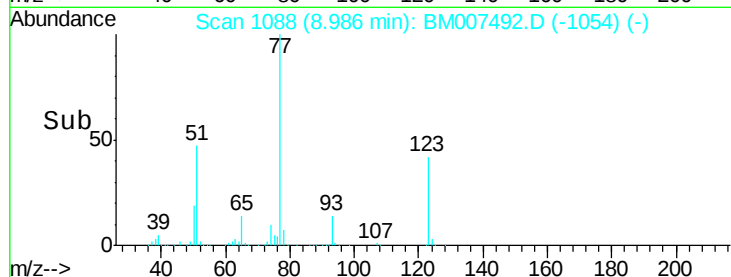
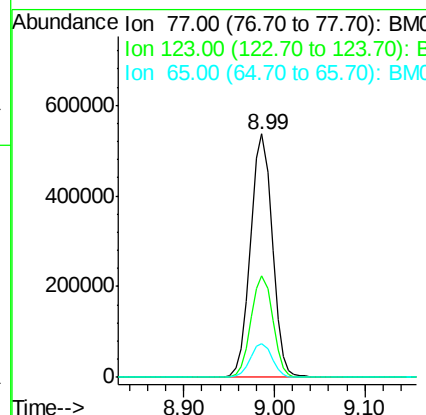
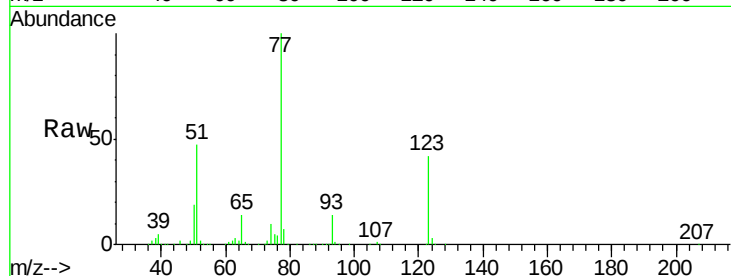




#20
Nitrobenzene
Concen: 69.35 ng/ul
RT: 8.99 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

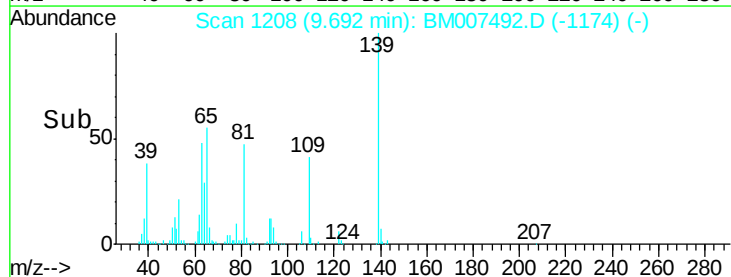
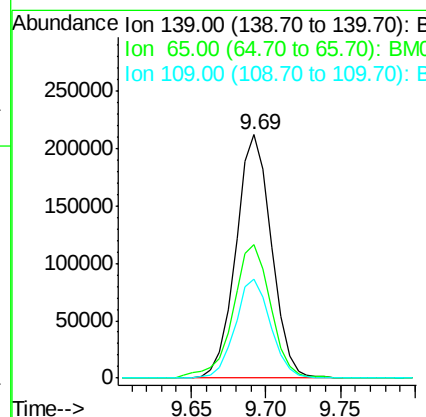
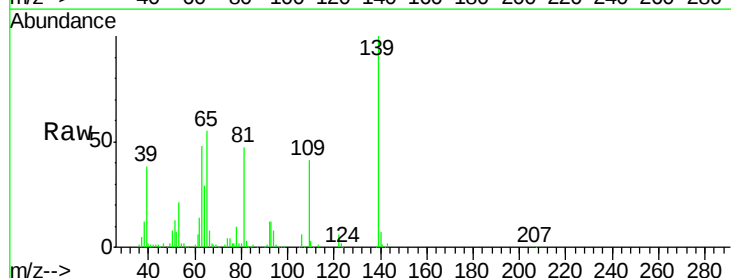
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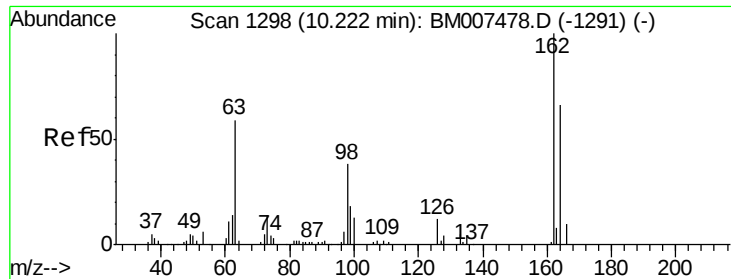
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	34.2	51.4
65	14.0	11.0	16.6



#23
2-Nitrophenol
Concen: 54.85 ng/ul
RT: 9.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion	Ratio	Lower	Upper
139	100		
65	54.8	44.2	66.4
109	40.6	28.2	42.4

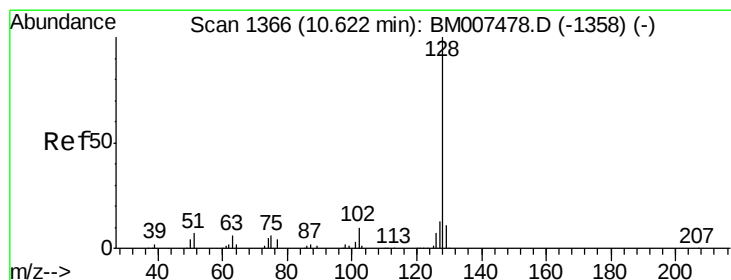
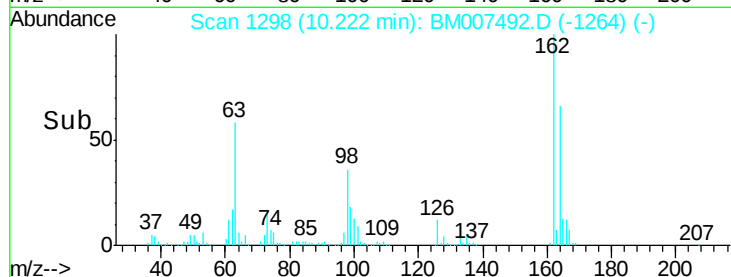
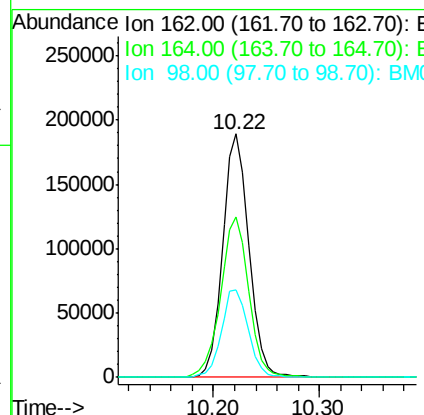
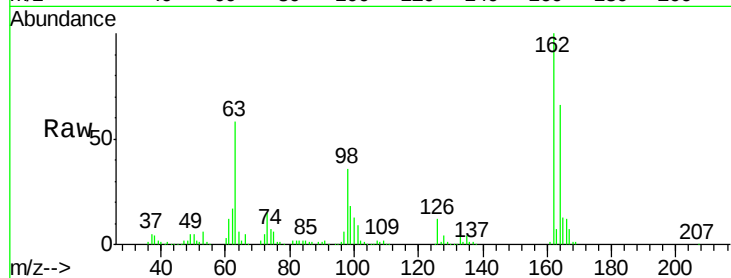




#27
 2,4-Dichlorophenol
 Concen: 28.08 ng/ul
 RT: 10.22 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

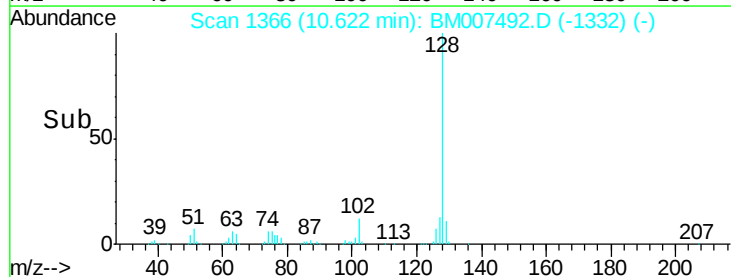
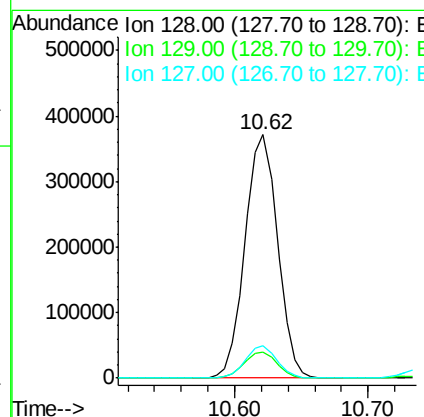
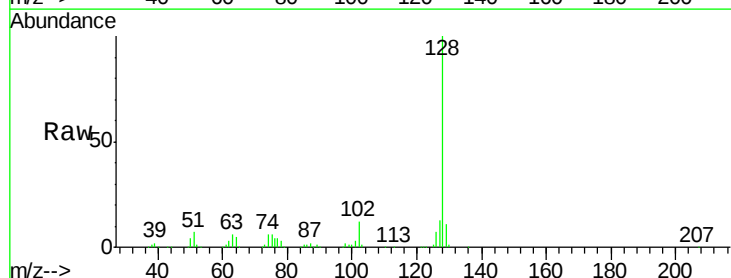
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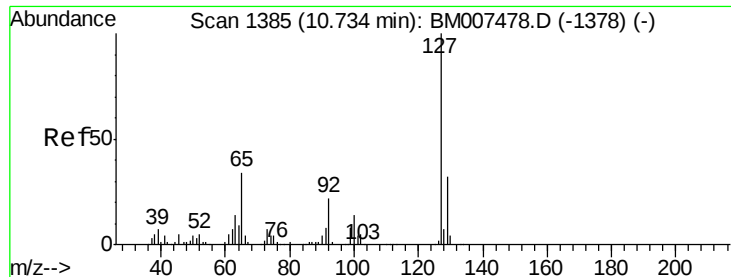
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	51.6	77.4
98	36.0	28.4	42.6



#28
 Naphthalene
 Concen: 18.38 ng/ul
 RT: 10.62 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.3	10.6	15.8

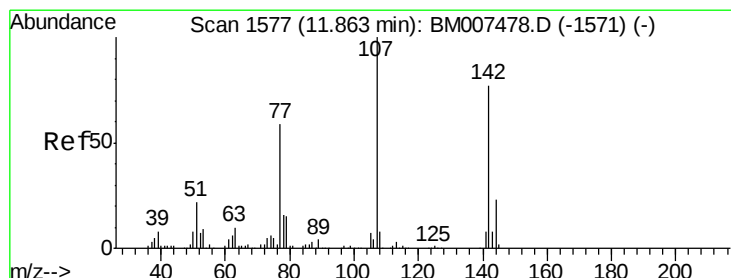
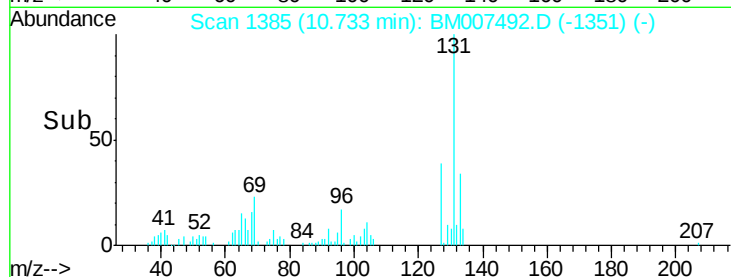
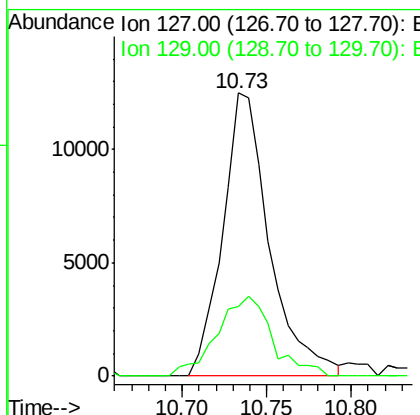
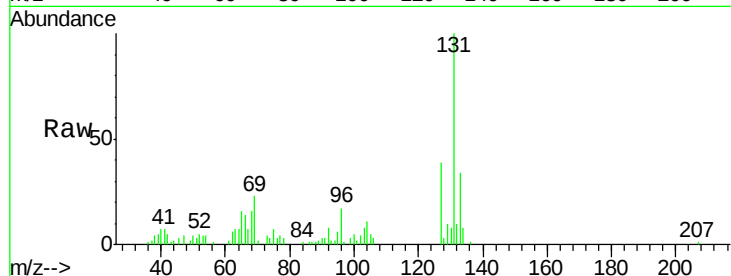




#30
 4-Chloroaniline
 Concen: 1.60 ng/ul
 RT: 10.73 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

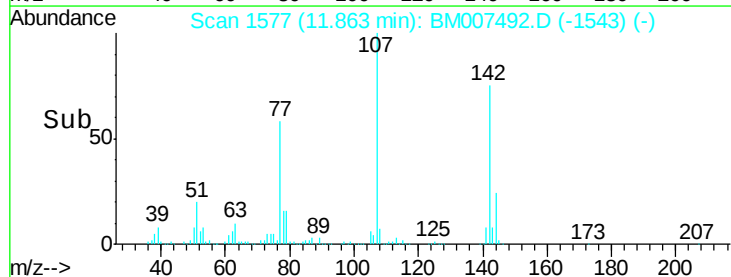
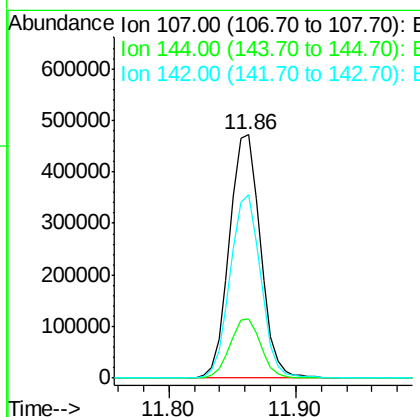
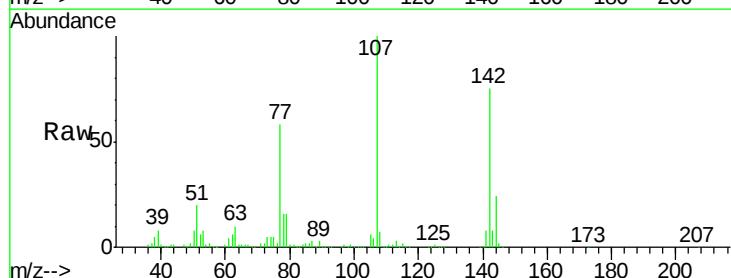
Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

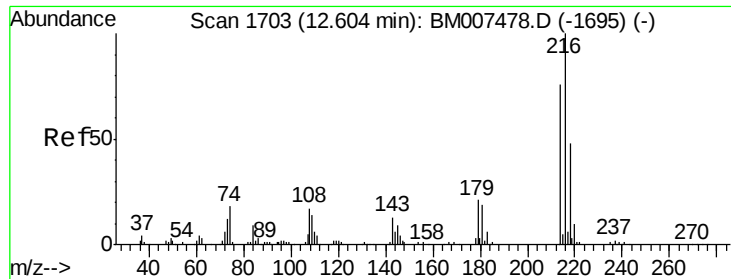
Tgt Ion:127 Resp: 24081
 Ion Ratio Lower Upper
 127 100
 129 24.5 24.6 37.0#



#33
 4-Chloro-3-methylphenol
 Concen: 55.50 ng/ul
 RT: 11.86 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion:107 Resp: 800592
 Ion Ratio Lower Upper
 107 100
 144 24.1 21.1 31.7
 142 75.4 64.1 96.1

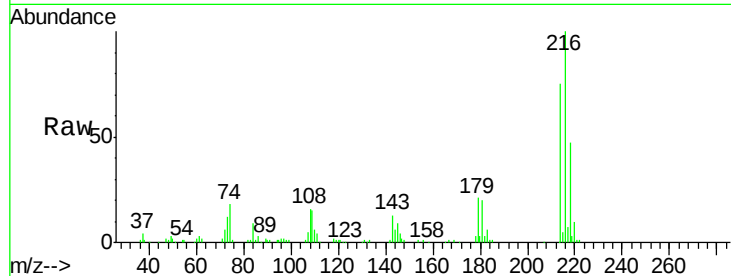




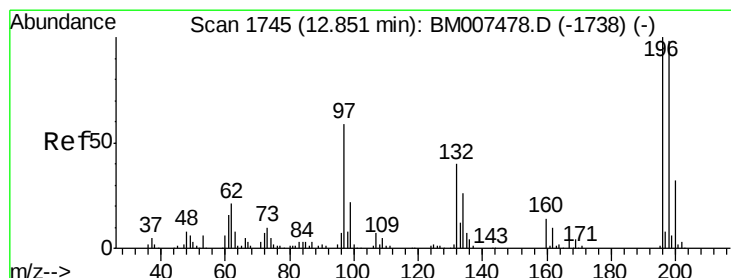
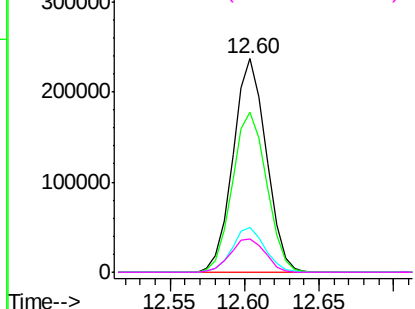
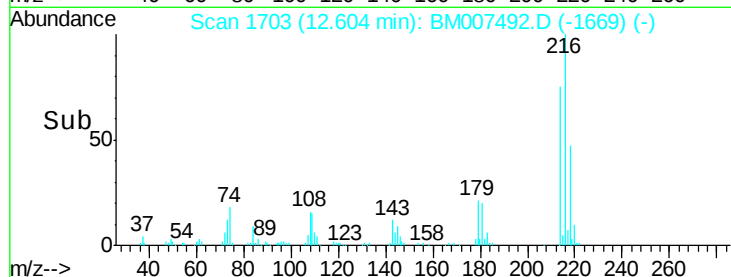
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.57 ng/ul
 RT: 12.60 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

Tgt Ion:	216	Resp:	368072
Ion	Ratio	Lower	Upper
216	100		
214	74.9	64.8	97.2
179	21.1	16.7	25.1
108	15.8	13.2	19.8

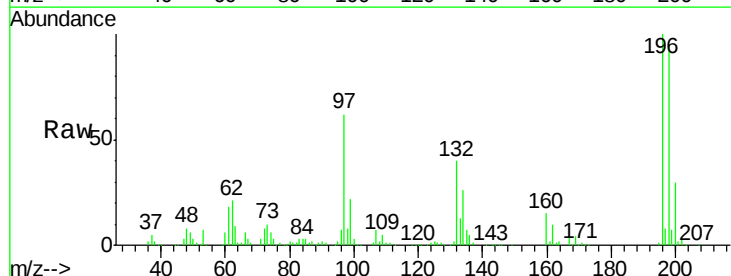


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

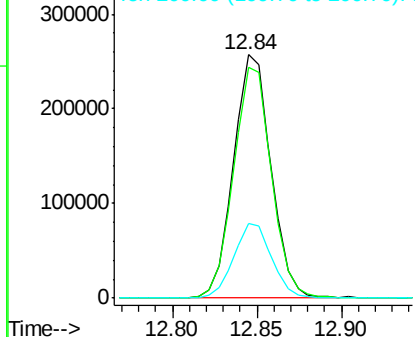
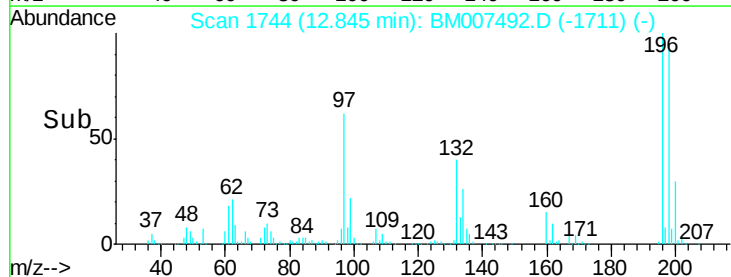


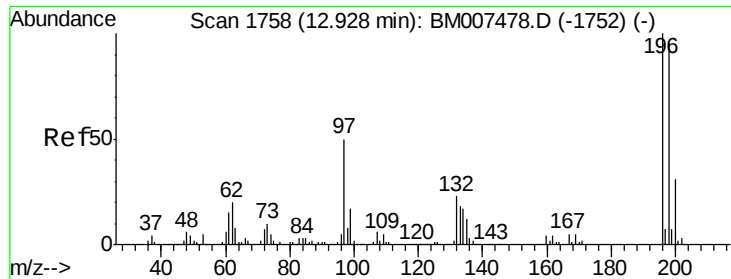
#38
 2,4,6-Trichlorophenol
 Concen: 31.39 ng/ul
 RT: 12.84 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion:	196	Resp:	397308
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.9	115.3
200	30.4	25.1	37.7



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

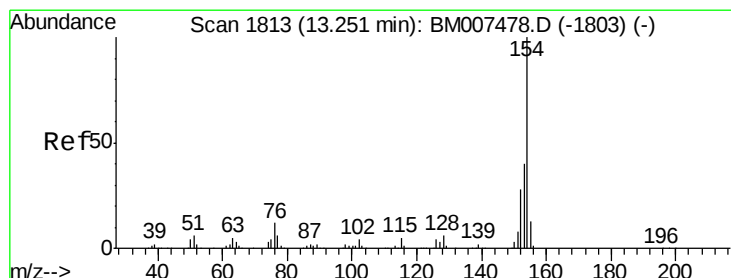
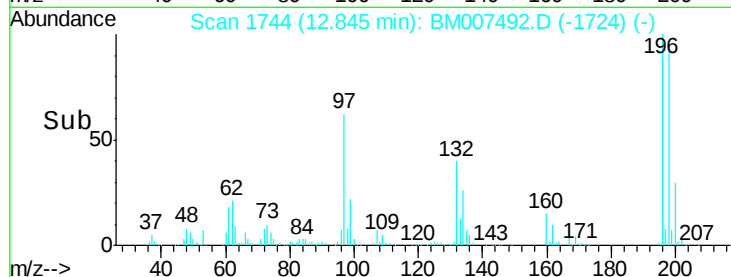
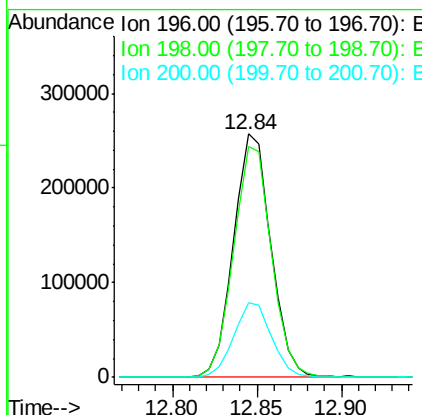
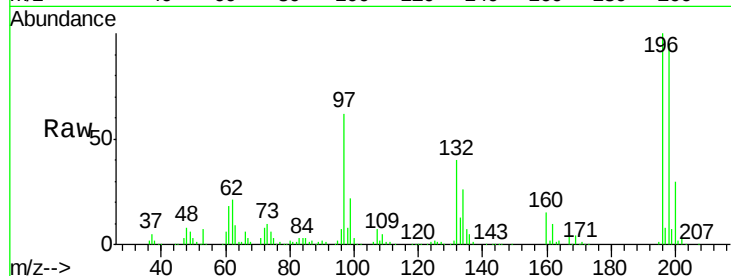




#39
 2,4,5-Trichlorophenol
 Concen: 30.12 ng/ul
 RT: 12.84 min Scan# 1744
 Delta R.T. -0.08 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

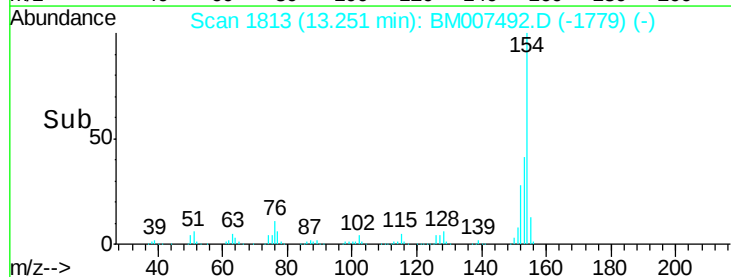
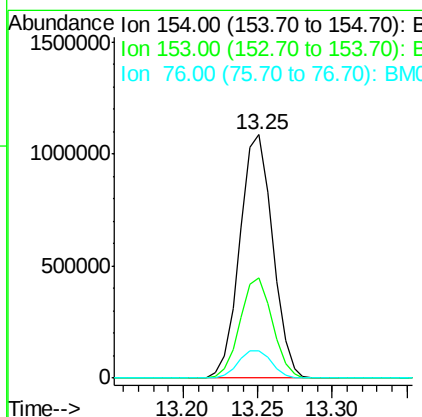
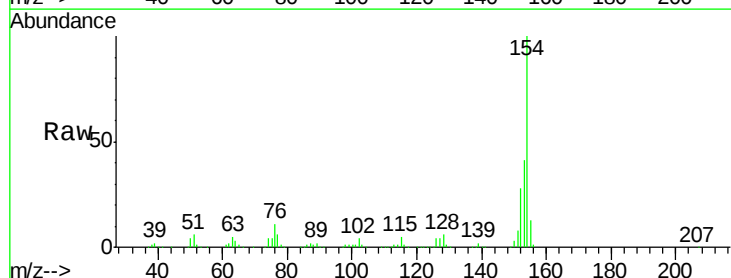
Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

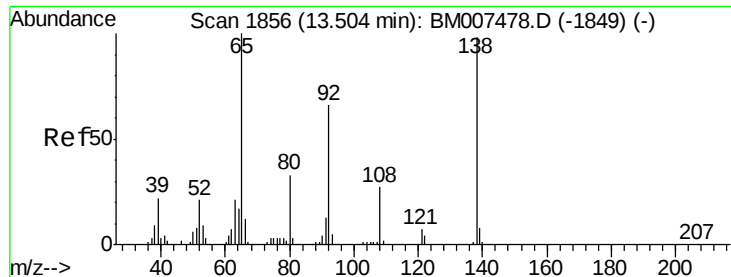
Tgt Ion:196 Resp: 397308
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.8 115.2
 200 30.4 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 39.87 ng/ul
 RT: 13.25 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion:154 Resp: 1661465
 Ion Ratio Lower Upper
 154 100
 153 41.3 31.3 46.9
 76 11.1 10.0 15.0

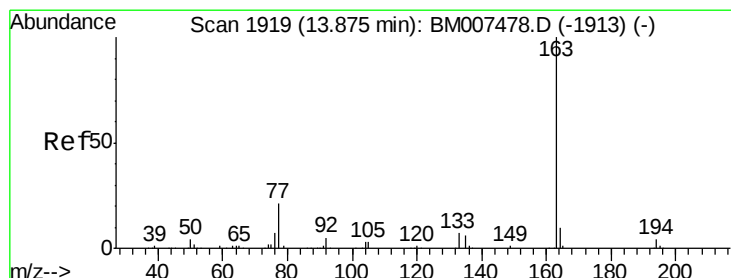
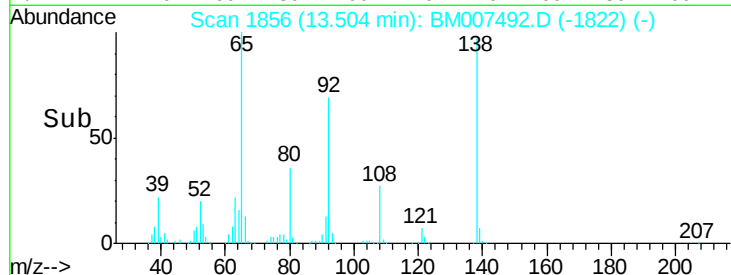
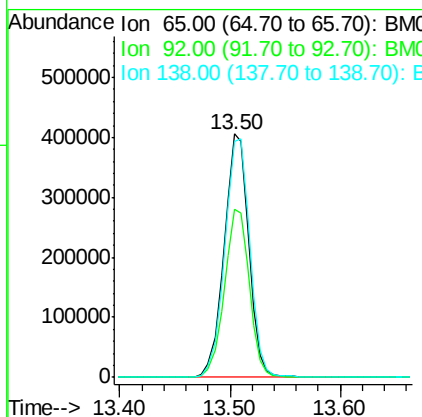
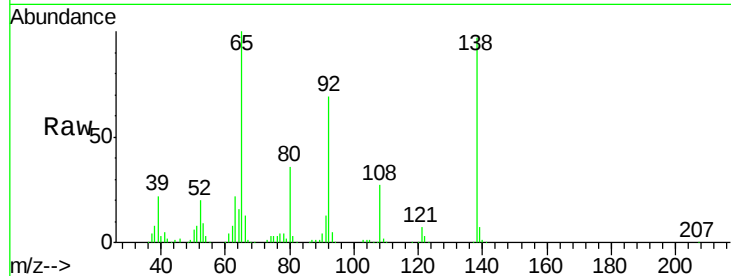




#42
2-Nitroaniline
Concen: 59.66 ng/ul
RT: 13.50 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

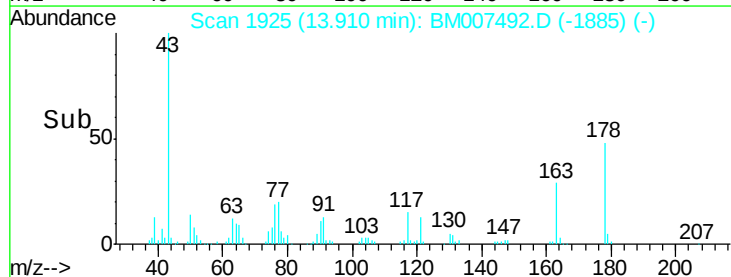
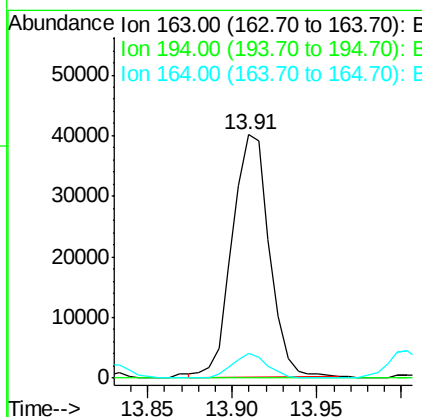
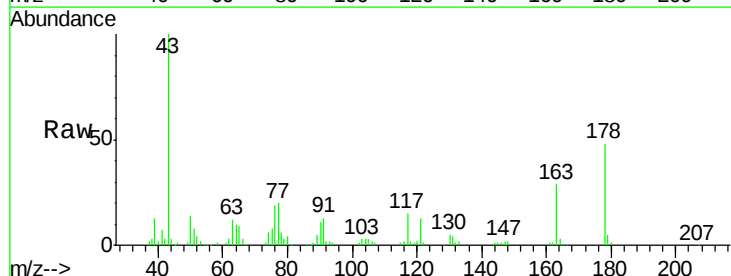
Instrument :
BNA_M
ClientSampled :
A4VH6

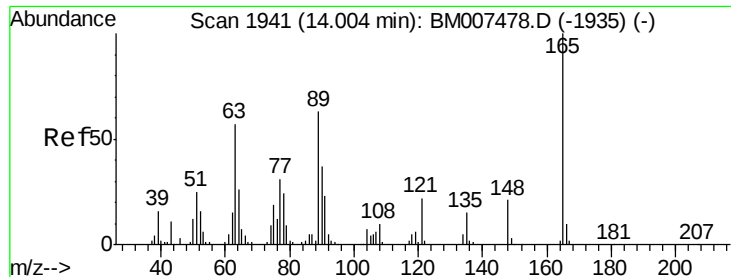
Tgt Ion: 65 Resp: 636693
Ion Ratio Lower Upper
65 100
92 68.9 55.6 83.4
138 97.1 81.3 121.9



#44
Dimethylphthalate
Concen: 1.32 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. 0.03 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion: 163 Resp: 60970
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 10.0 7.8 11.8

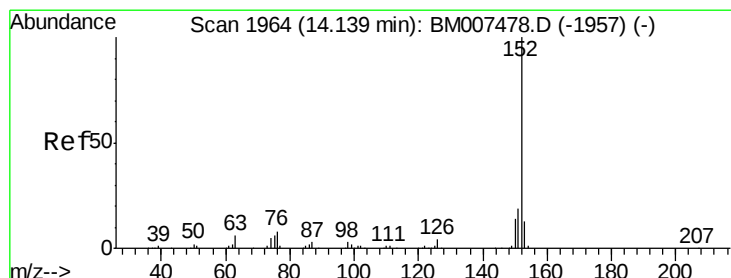
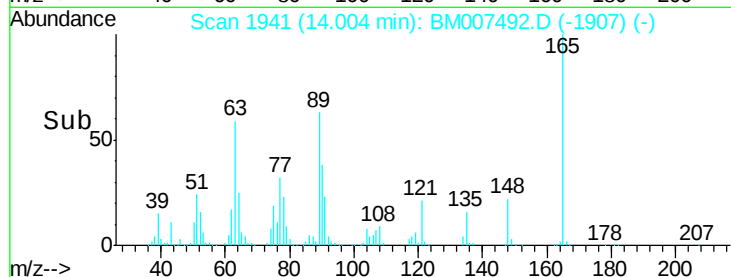
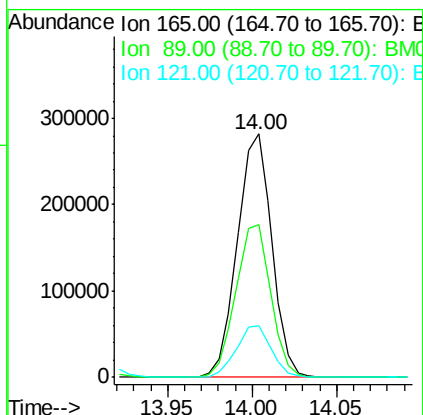
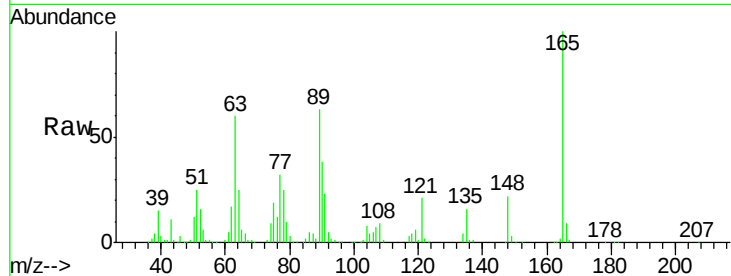




#45
2,6-Dinitrotoluene
Concen: 42.55 ng/ul
RT: 14.00 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

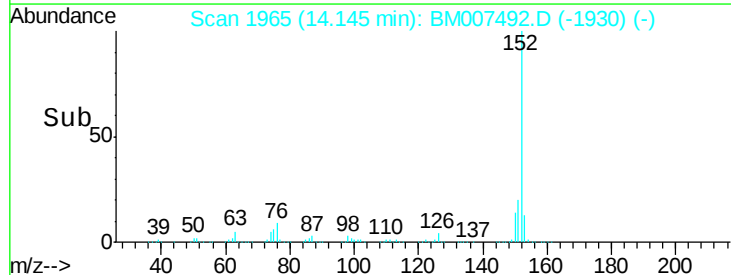
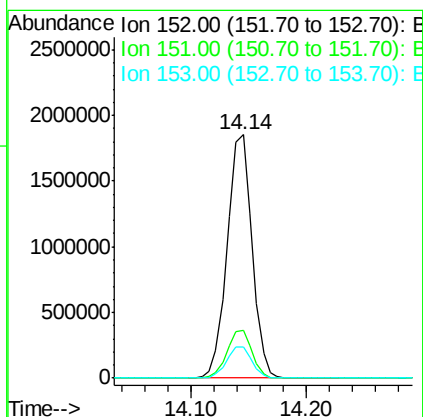
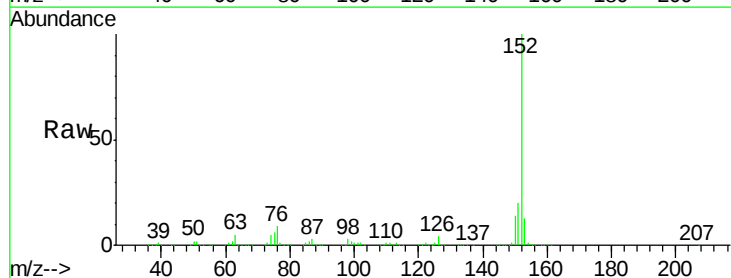
Instrument :
BNA_M
ClientSampled :
A4VH6

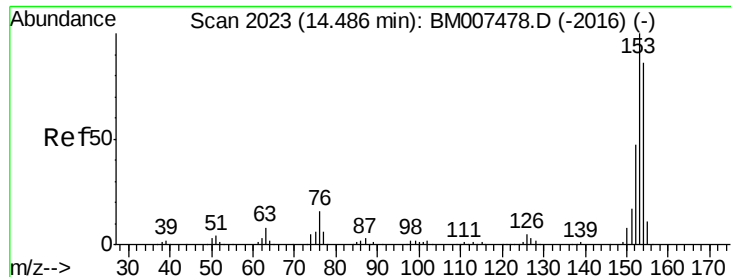
Tgt Ion	Ratio	Lower	Upper
165	100		
89	63.0	46.6	69.8
121	21.0	16.0	24.0



#47
Acenaphthylene
Concen: 49.92 ng/ul
RT: 14.14 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	11.0	16.6





#49

Acenaphthene

Concen: 4.58 ng/ul

RT: 14.48 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

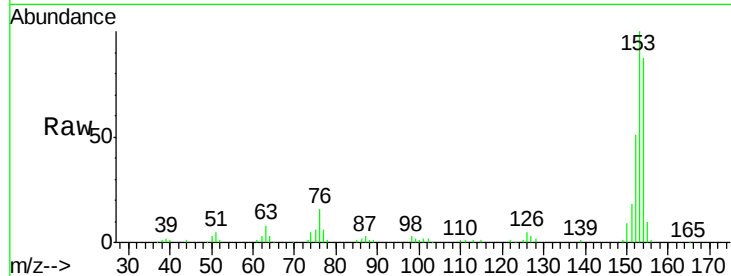
Tgt Ion:153 Resp: 164771

Ion Ratio Lower Upper

153 100

152 50.9 37.8 56.6

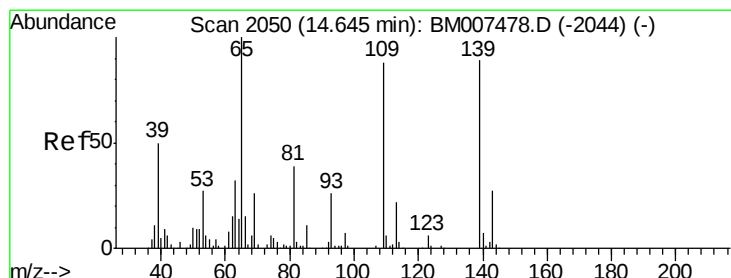
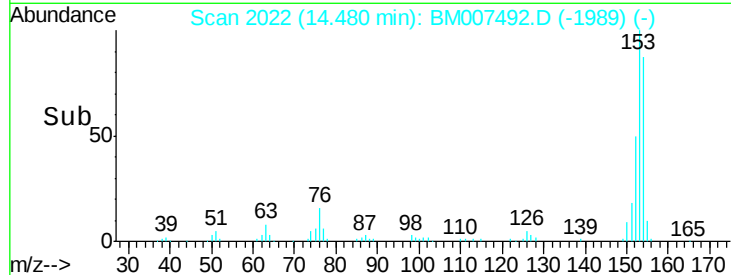
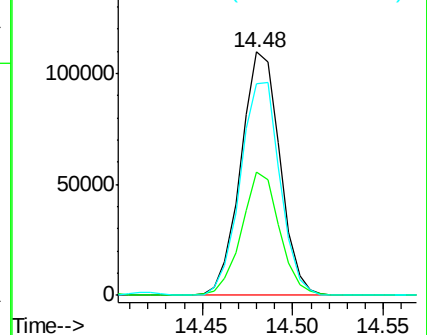
154 86.8 71.4 107.0



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



#52

4-Nitrophenol

Concen: 60.47 ng/ul

RT: 14.65 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

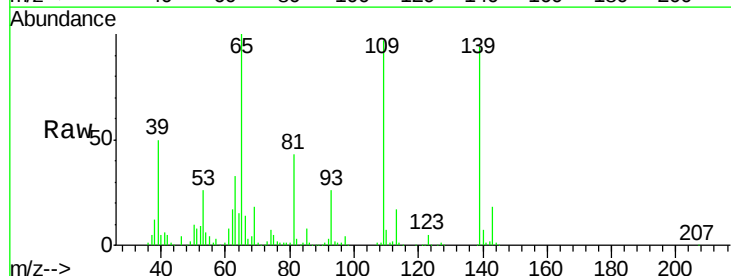
Tgt Ion:109 Resp: 562951

Ion Ratio Lower Upper

109 100

139 96.7 88.7 133.1

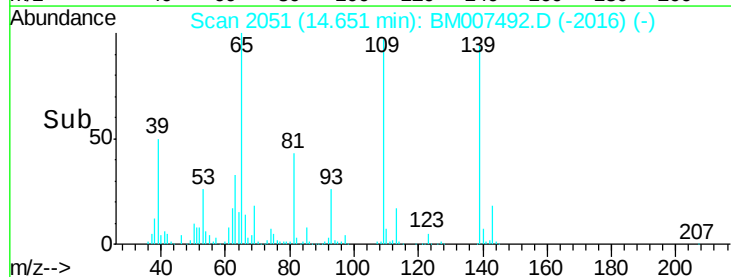
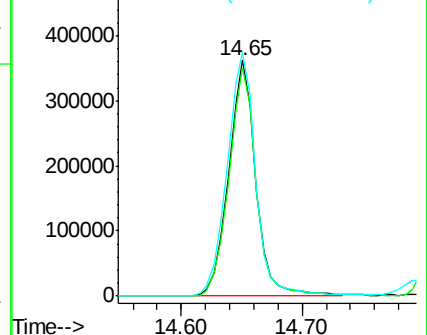
65 103.2 96.4 144.6

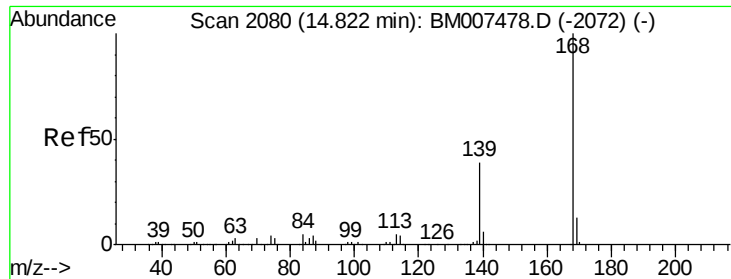


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 20.40 ng/ul

RT: 14.82 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

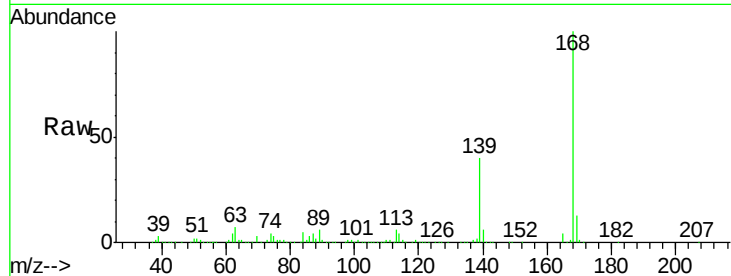
A4VH6

Tgt Ion:168 Resp: 1098557

Ion Ratio Lower Upper

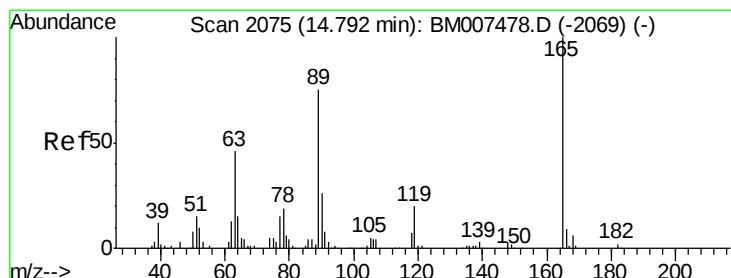
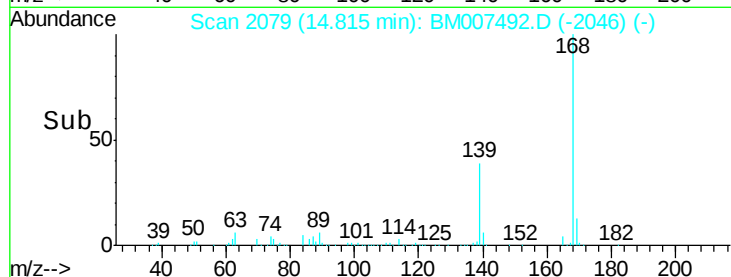
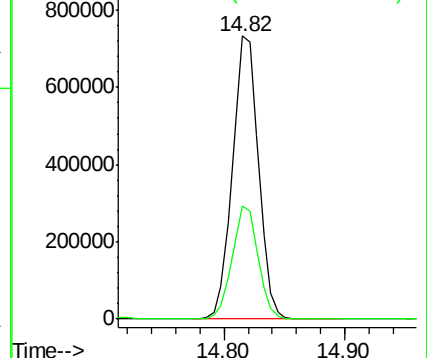
168 100

139 39.9 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 49.38 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

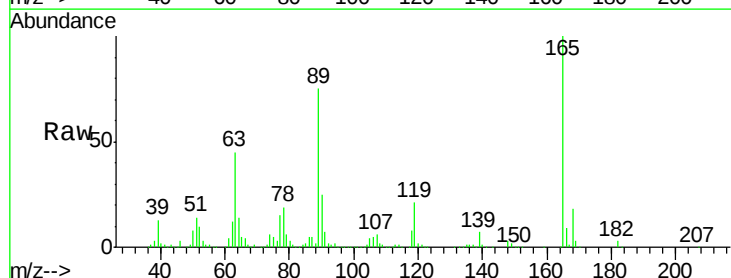
Tgt Ion:165 Resp: 714364

Ion Ratio Lower Upper

165 100

63 45.3 36.2 54.2

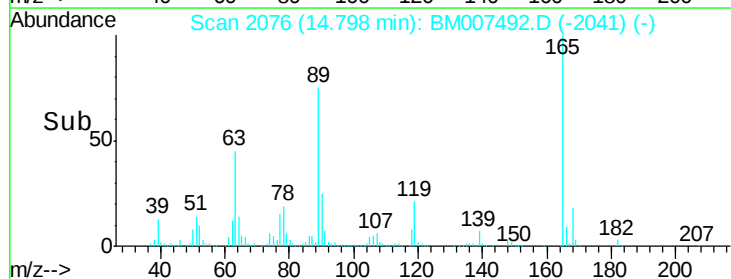
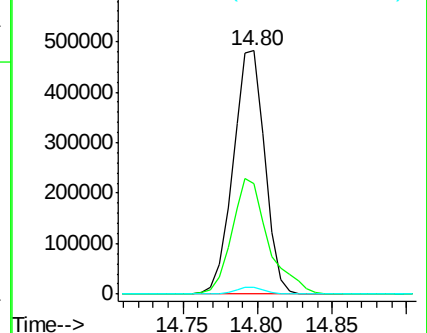
182 2.8 2.2 3.4

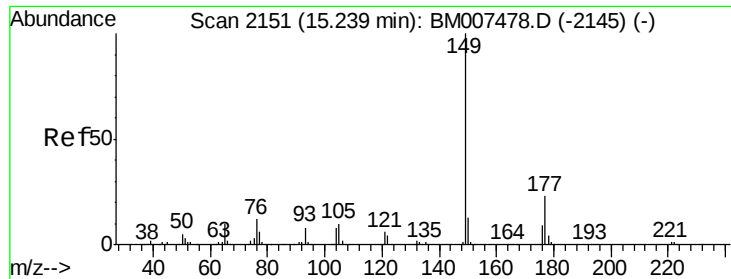


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

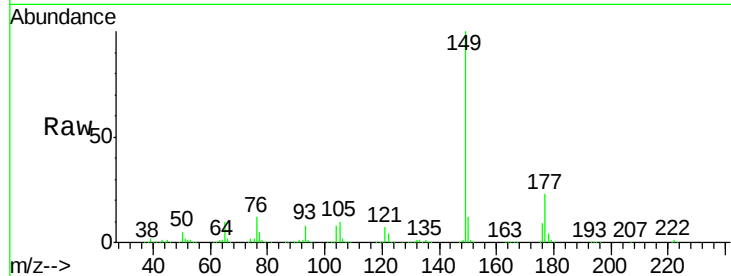




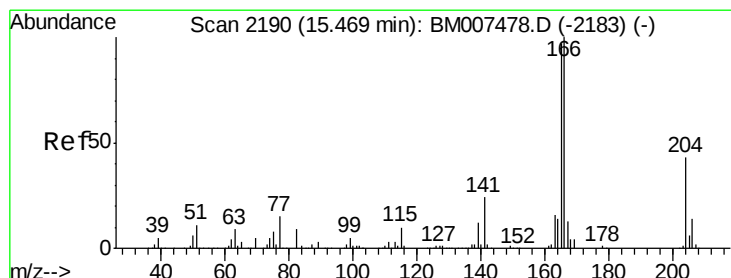
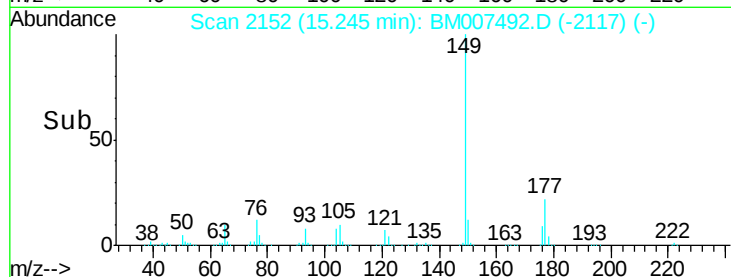
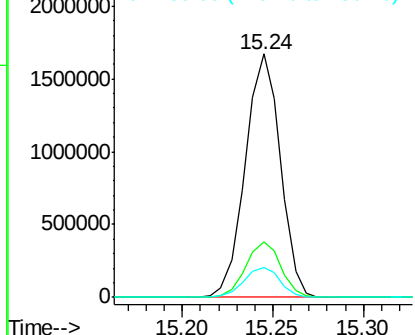
#56
Diethylphthalate
Concen: 46.56 ng/ul
RT: 15.24 min Scan# 2152
Delta R.T. 0.01 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Instrument :
BNA_M
ClientSampleId :
A4VH6

Tgt Ion:149 Resp: 2242652
Ion Ratio Lower Upper
149 100
177 23.0 18.6 28.0
150 12.4 10.0 15.0

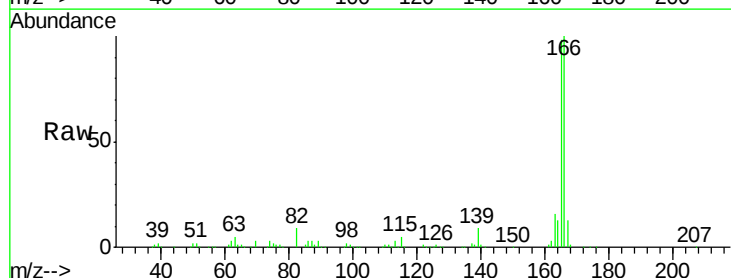


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

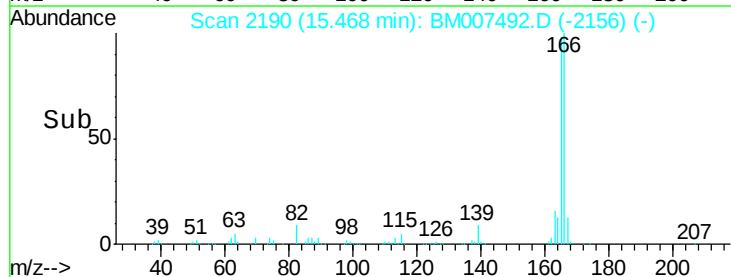
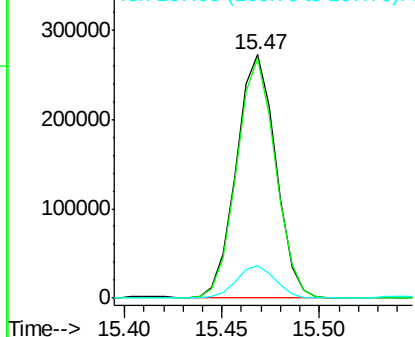


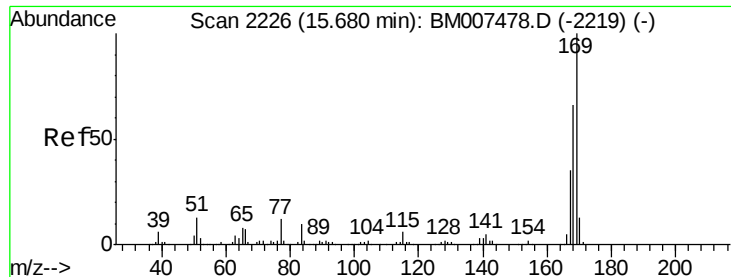
#58
Fluorene
Concen: 8.56 ng/ul
RT: 15.47 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BM007492.D
Acq: 20 Sep 2016 12:12

Tgt Ion:166 Resp: 379764
Ion Ratio Lower Upper
166 100
165 98.2 79.9 119.9
167 13.2 10.5 15.7



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





#64

N-Nitrosodiphenylamine

Concen: 58.48 ng/ul

RT: 15.68 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

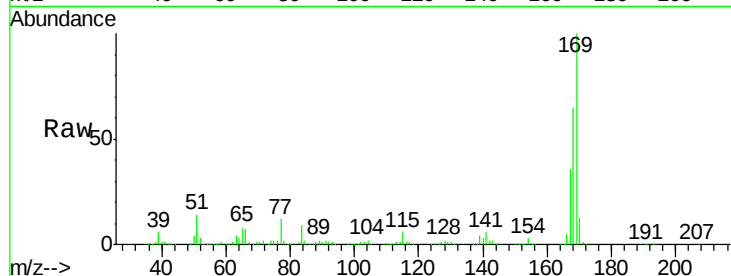
Tgt Ion:169 Resp: 2019669

Ion Ratio Lower Upper

169 100

168 65.4 52.6 79.0

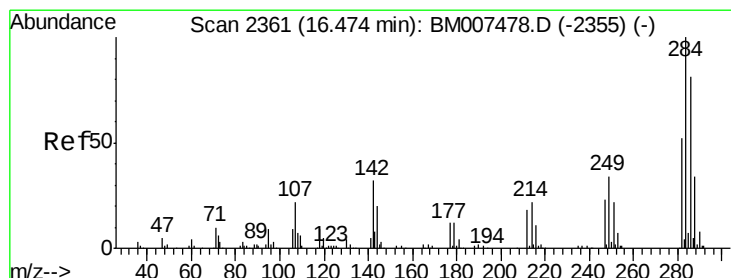
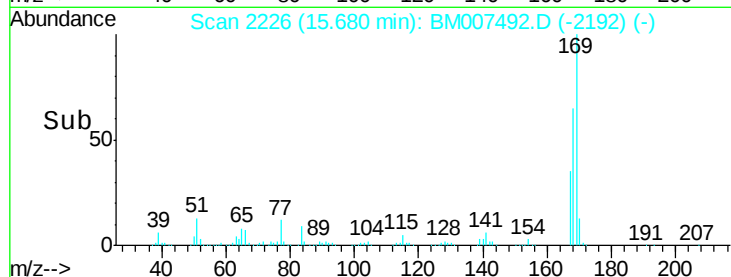
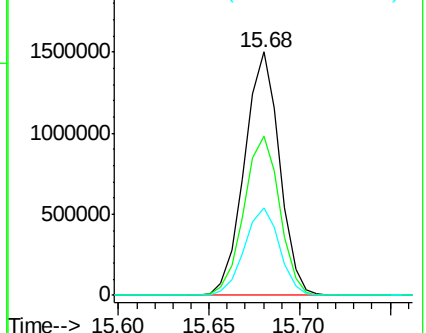
167 36.1 28.6 43.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

Hexachlorobenzene

Concen: 45.13 ng/ul

RT: 16.47 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

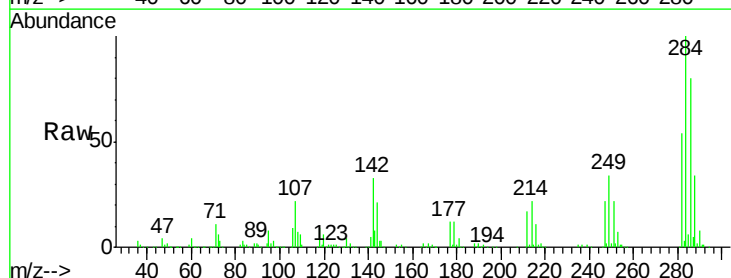
Tgt Ion:284 Resp: 705830

Ion Ratio Lower Upper

284 100

142 33.5 24.9 37.3

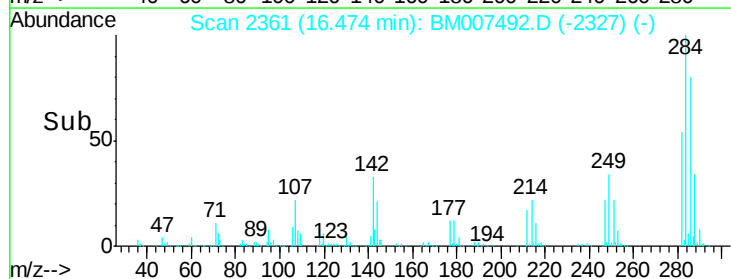
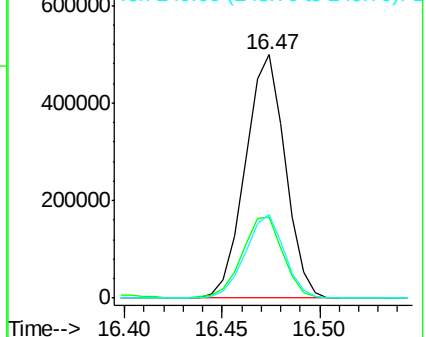
249 34.3 25.5 38.3

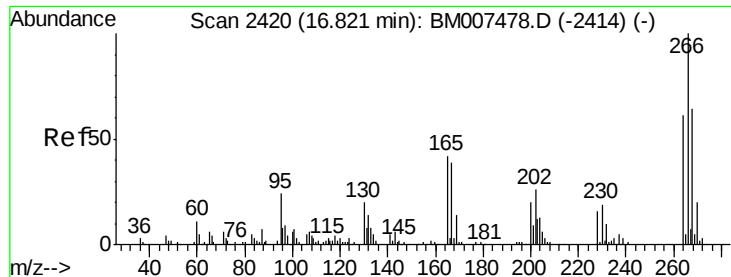


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

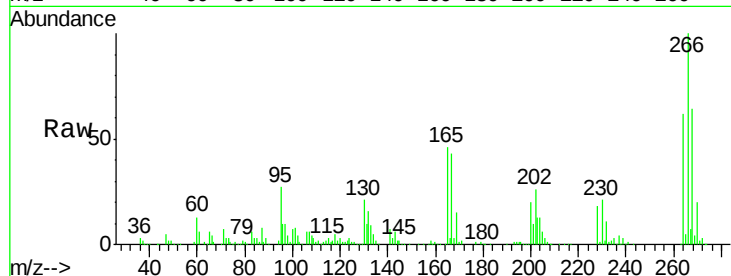




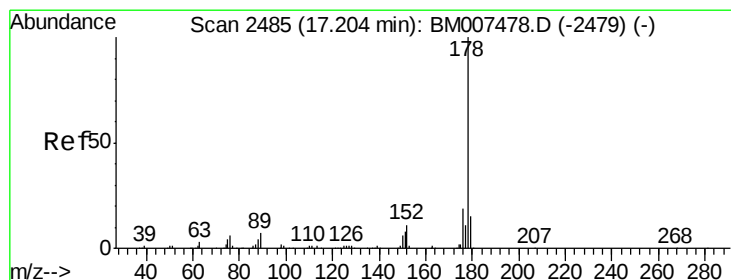
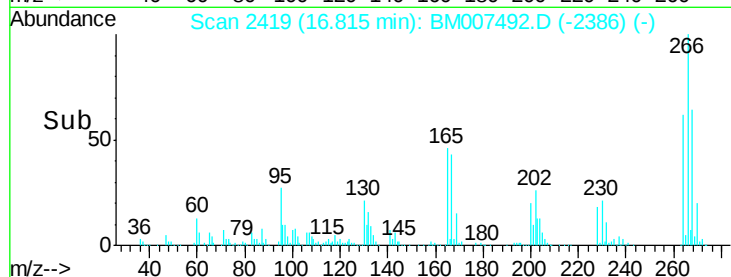
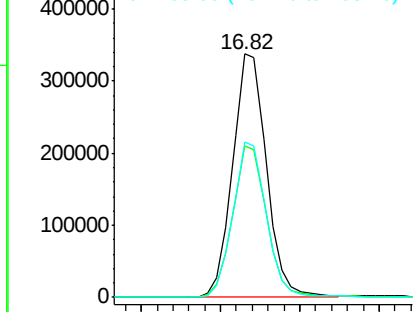
#68
 Pentachlorophenol
 Concen: 49.49 ng/ul
 RT: 16.82 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

Tgt Ion:266 Resp: 499466
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.6 75.8
 268 63.6 51.0 76.6

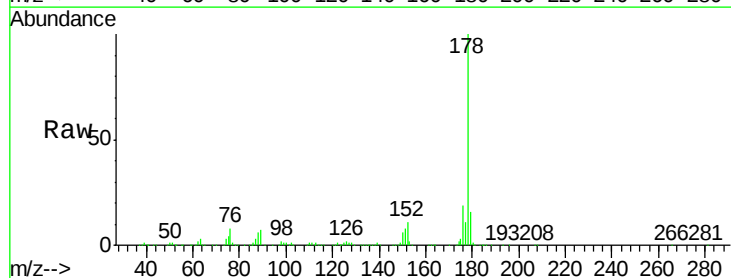


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

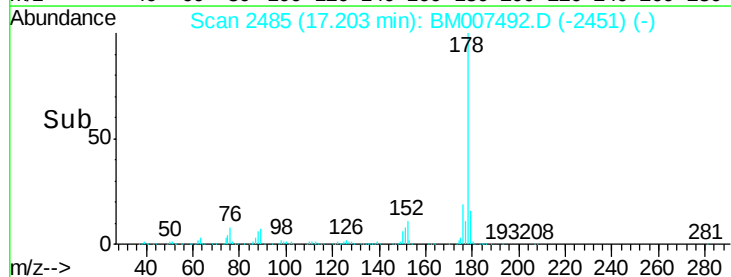
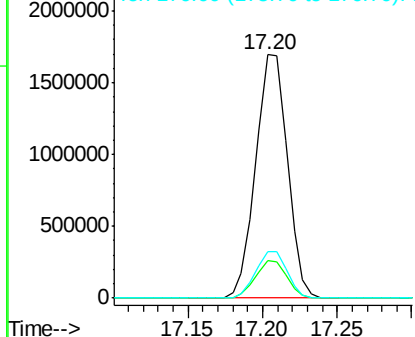


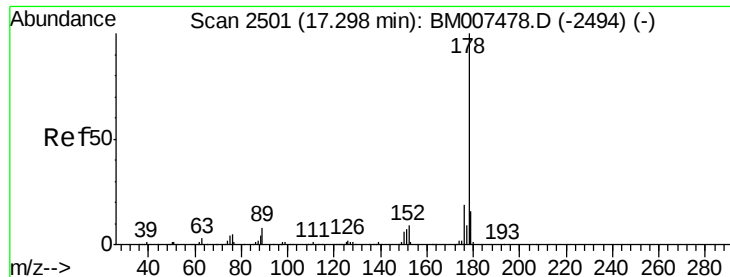
#69
 Phenanthrene
 Concen: 37.52 ng/ul
 RT: 17.20 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion:178 Resp: 2491705
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 19.3 15.1 22.7



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: 36.35 ng/ul

RT: 17.20 min Scan# 2485

Delta R.T. -0.09 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

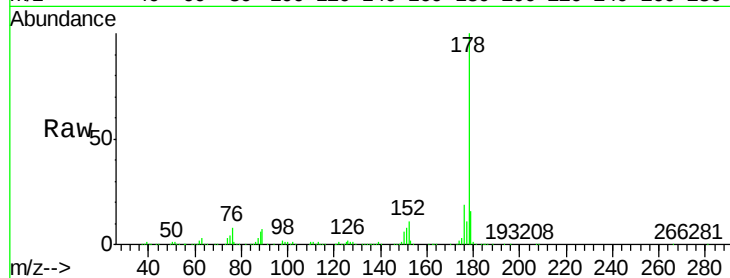
Tgt Ion:178 Resp: 2491705

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

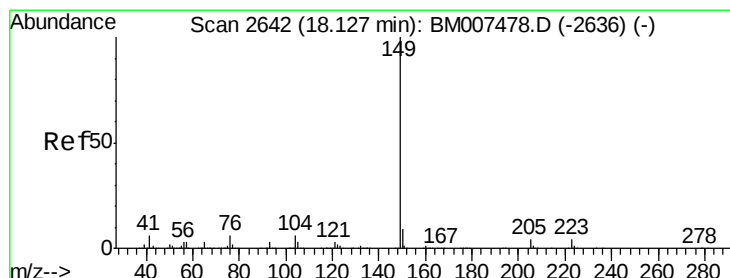
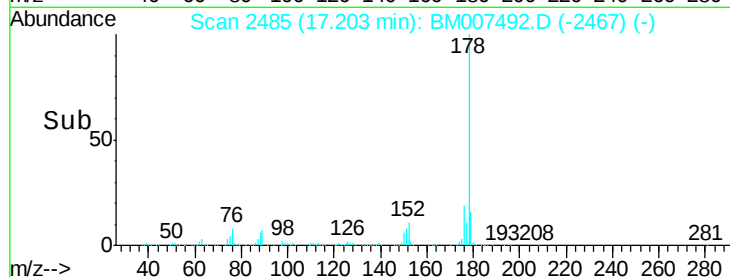
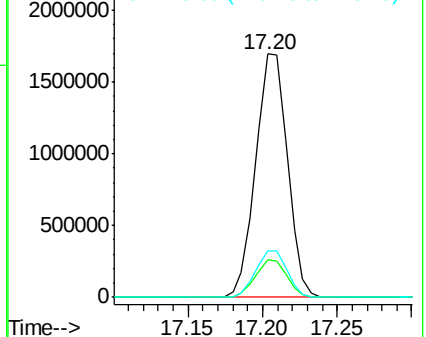
176 19.3 14.5 21.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

Di-n-butylphthalate

Concen: 45.33 ng/ul

RT: 18.13 min Scan# 2642

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

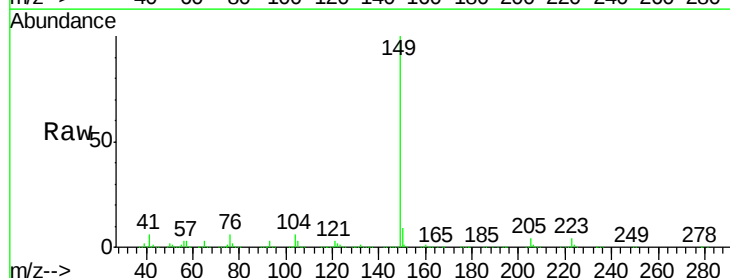
Tgt Ion:149 Resp: 3398590

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

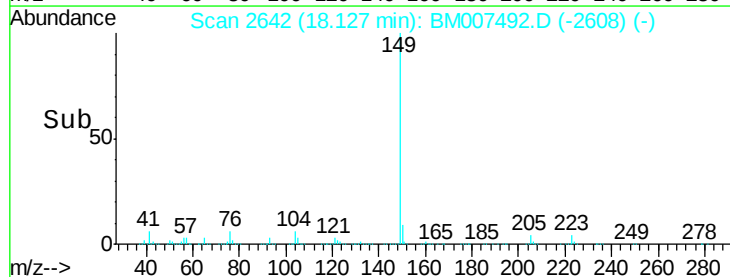
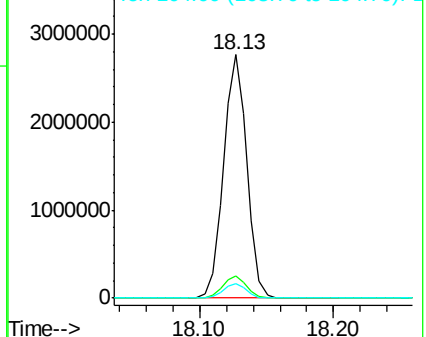
104 6.0 4.6 7.0

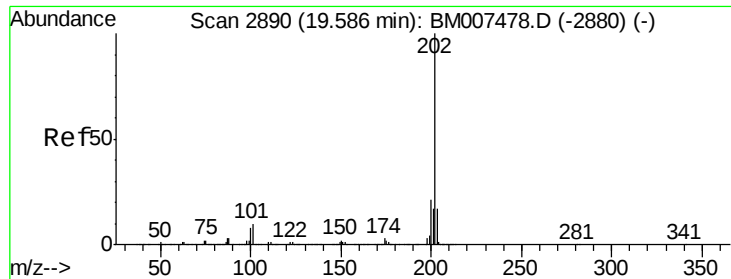


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

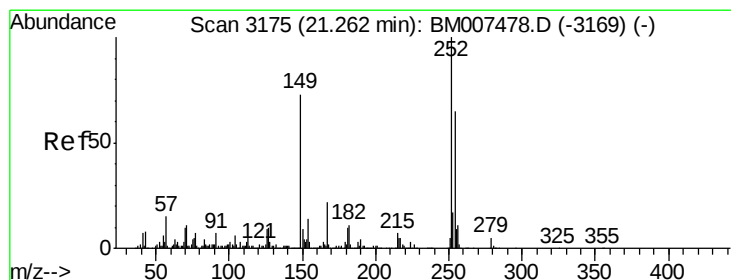
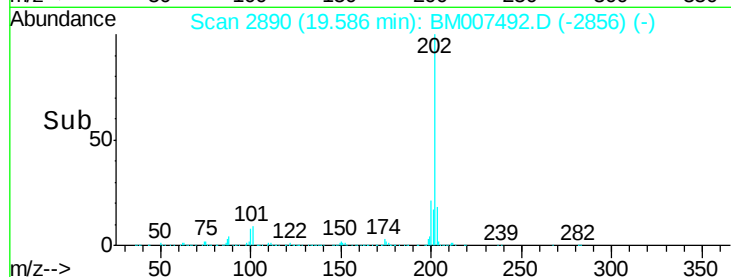
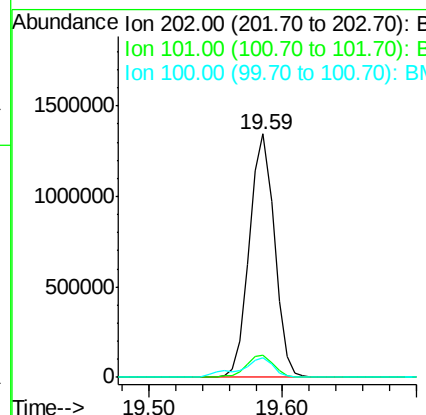
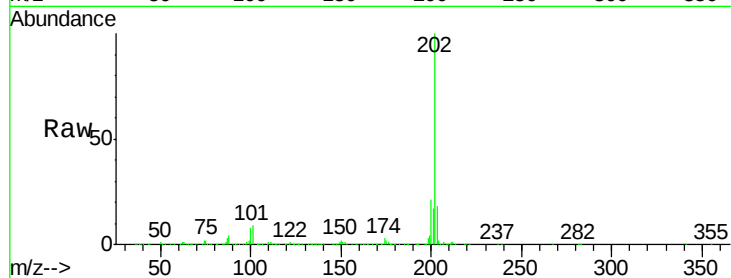




#77
 Pyrene
 Concen: 18.35 ng/ul
 RT: 19.59 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

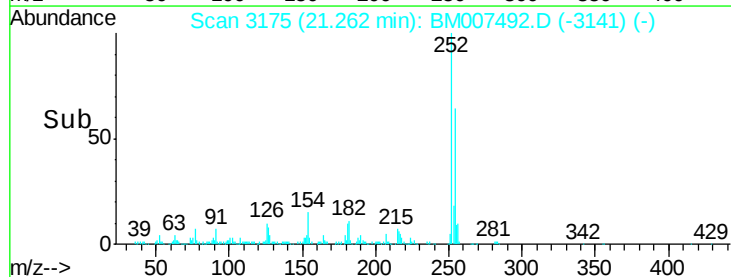
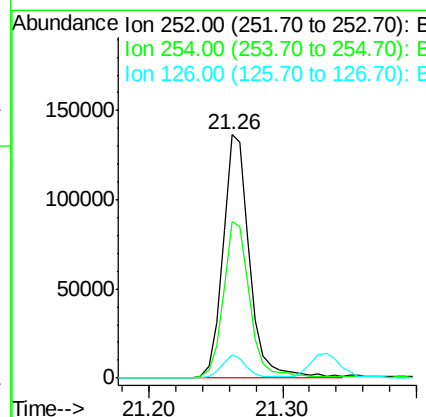
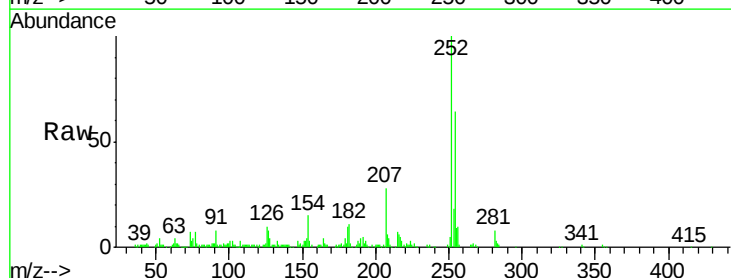
Instrument :
 BNA_M
 ClientSampleId :
 A4VH6

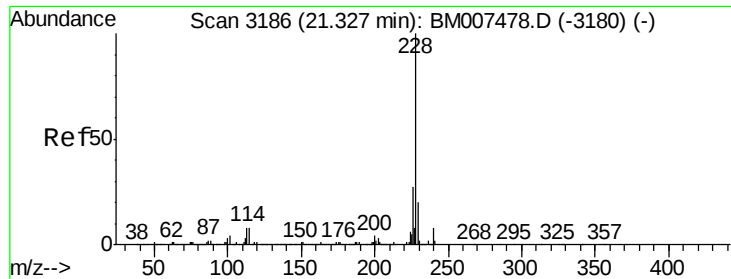
Tgt Ion:202 Resp: 1735438
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.4 12.6
 100 7.8 6.9 10.3



#79
 3,3'-Dichlorobenzidine
 Concen: 5.38 ng/ul
 RT: 21.26 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BM007492.D
 Acq: 20 Sep 2016 12:12

Tgt Ion:252 Resp: 188377
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.0 76.4
 126 9.5 7.1 10.7





#80

Benzo(a)anthracene

Concen: 44.87 ng/ul

RT: 21.33 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

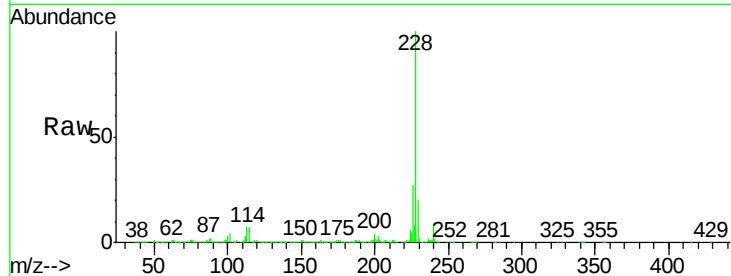
Tgt Ion:228 Resp: 4663344

Ion Ratio Lower Upper

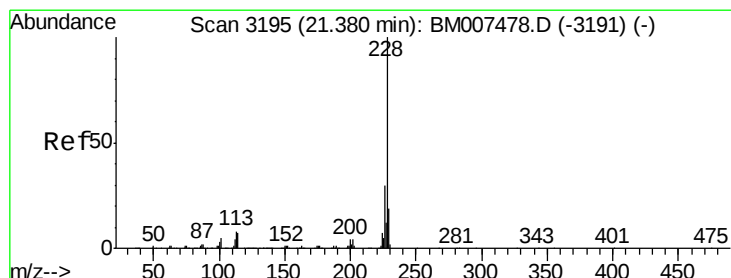
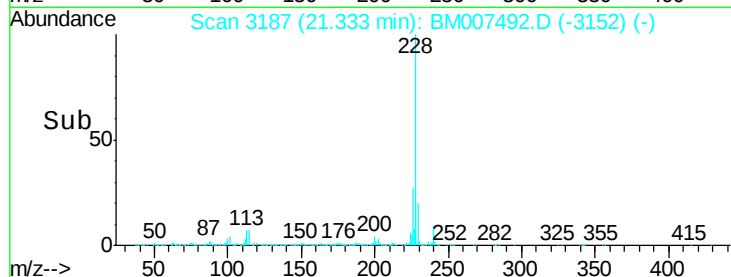
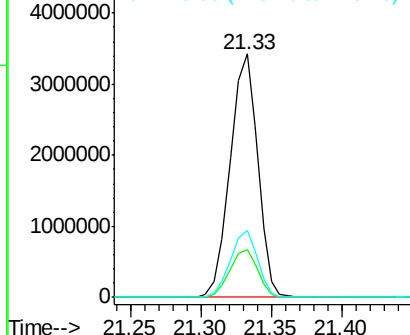
228 100

229 19.6 15.6 23.4

226 27.4 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



#82

Chrysene

Concen: 49.54 ng/ul

RT: 21.33 min Scan# 3187

Delta R.T. -0.05 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

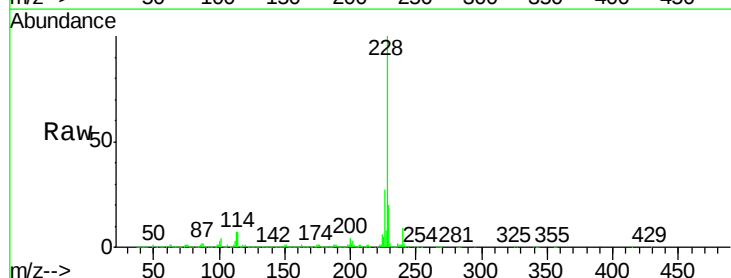
Tgt Ion:228 Resp: 4663344

Ion Ratio Lower Upper

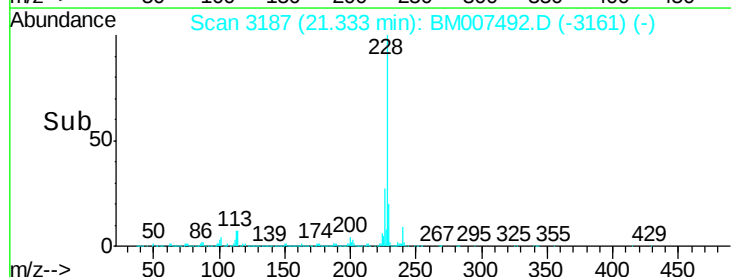
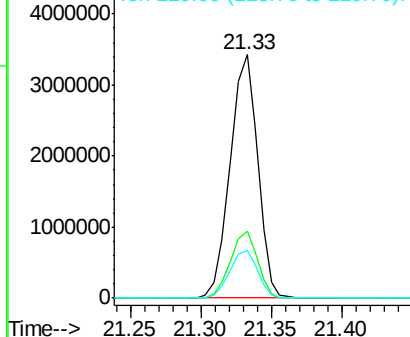
228 100

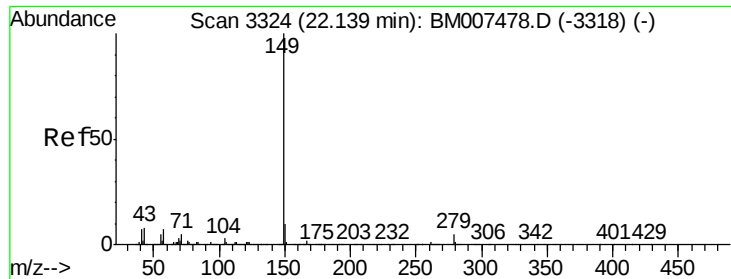
226 27.4 23.4 35.2

229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 35.45 ng/ul

RT: 22.14 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

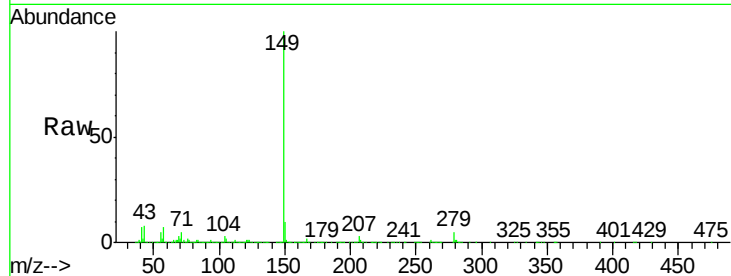
Tgt Ion:149 Resp: 3311616

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

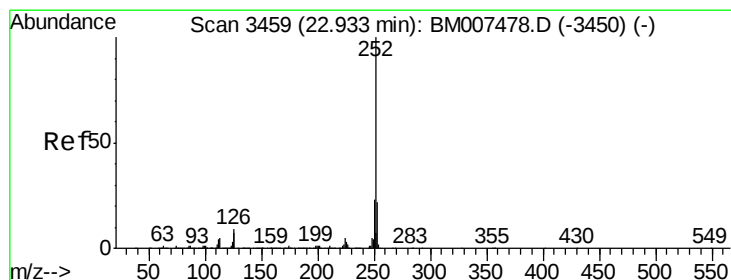
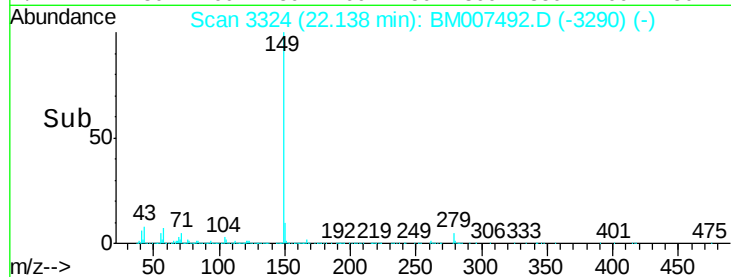
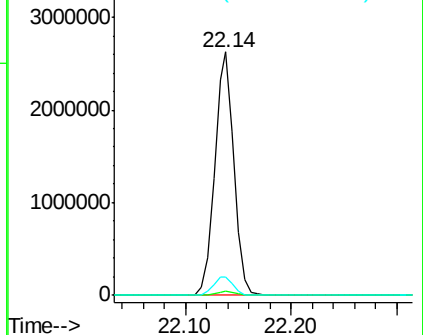
43 7.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 36.98 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

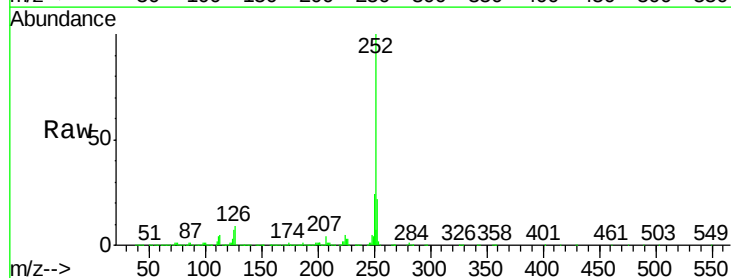
Tgt Ion:252 Resp: 4100351

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

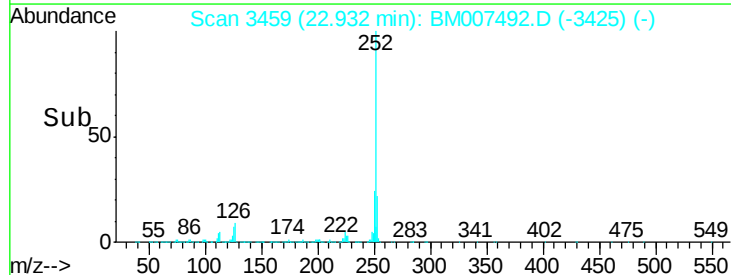
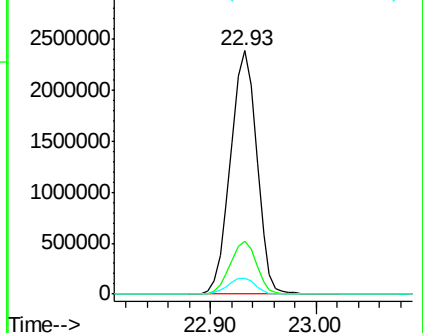
125 6.7 5.8 8.8

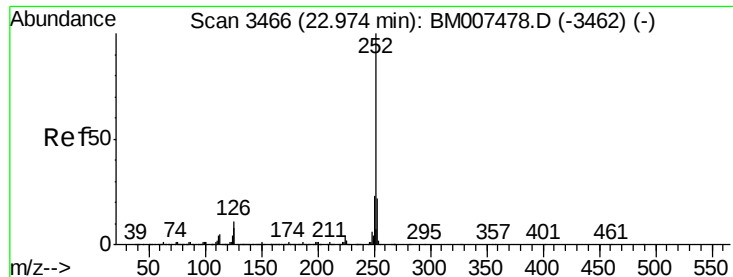


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 40.01 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.04 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

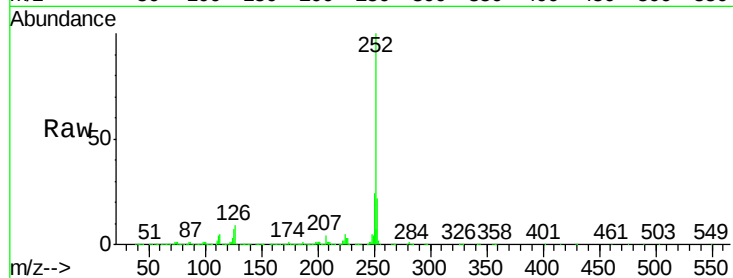
Tgt Ion:252 Resp: 4100351

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

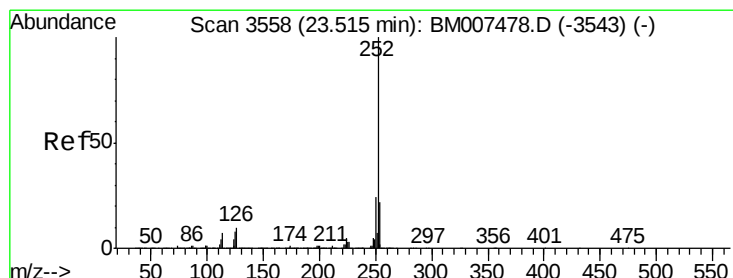
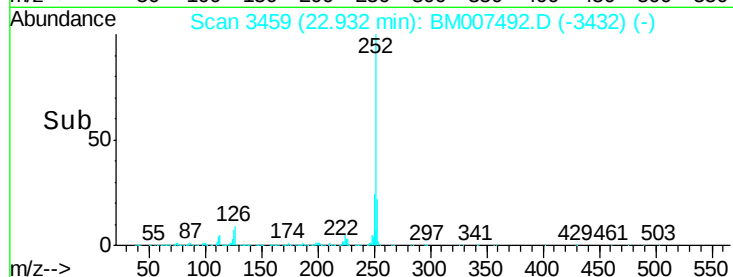
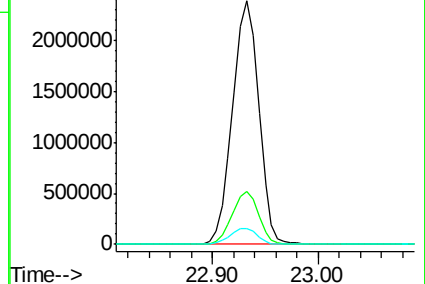
125 6.7 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 23.13 ng/ul

RT: 23.51 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

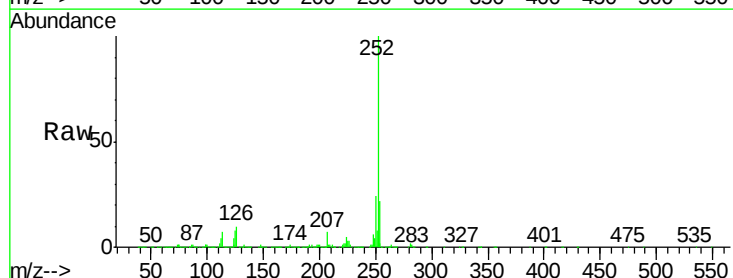
Tgt Ion:252 Resp: 2454503

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

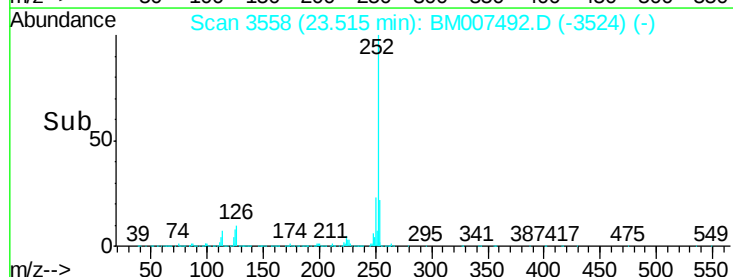
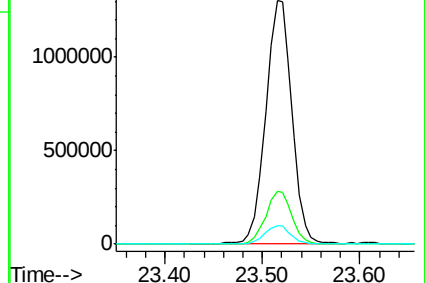
125 7.8 6.6 9.8

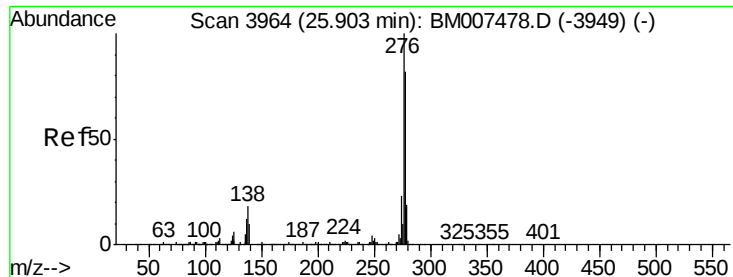


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 10.17 ng/ul

RT: 25.92 min Scan# 3967

Delta R.T. 0.02 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

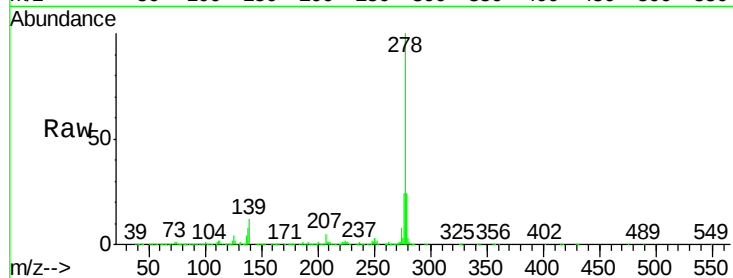
Tgt Ion:276 Resp: 1323718

Ion Ratio Lower Upper

276 100

138 33.5 13.9 20.9#

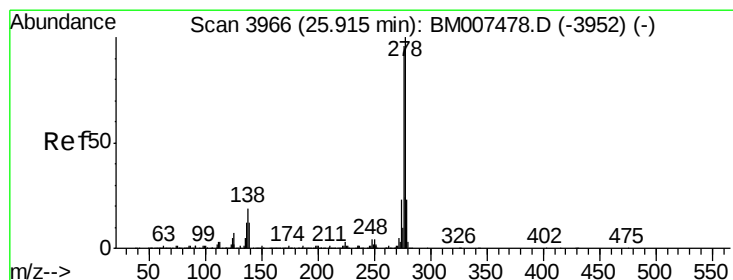
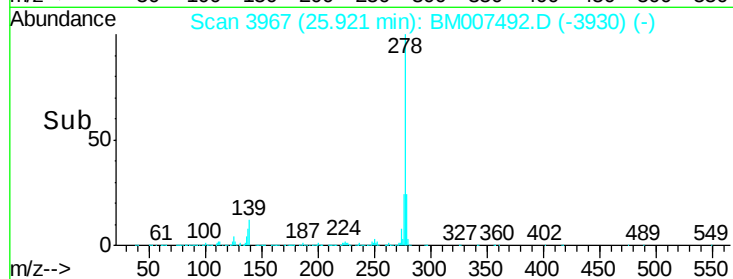
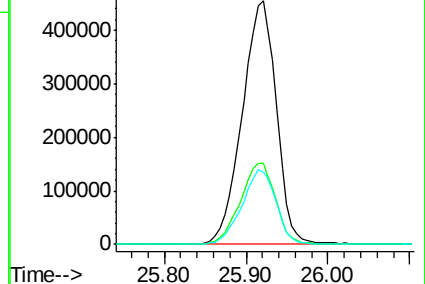
277 29.8 20.1 30.1



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: 51.26 ng/ul

RT: 25.92 min Scan# 3967

Delta R.T. 0.01 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

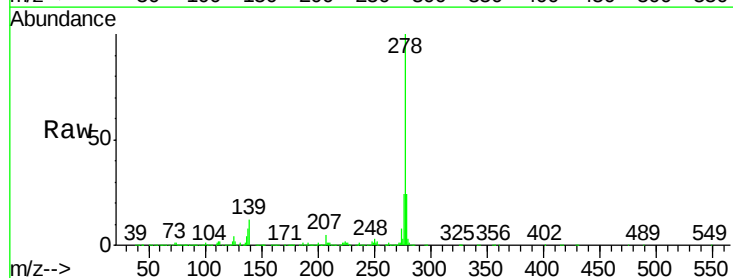
Tgt Ion:278 Resp: 5551916

Ion Ratio Lower Upper

278 100

139 11.6 9.5 14.3

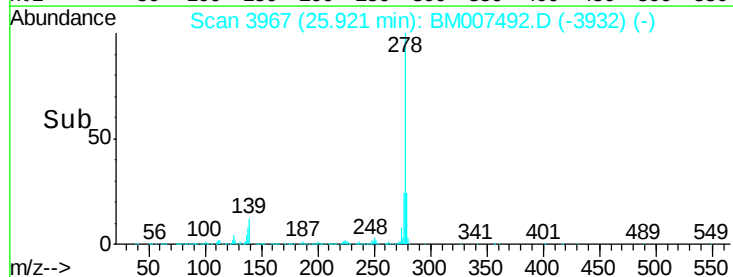
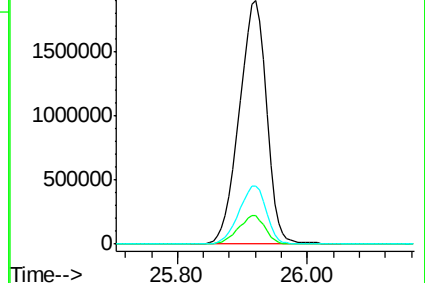
279 23.9 19.1 28.7

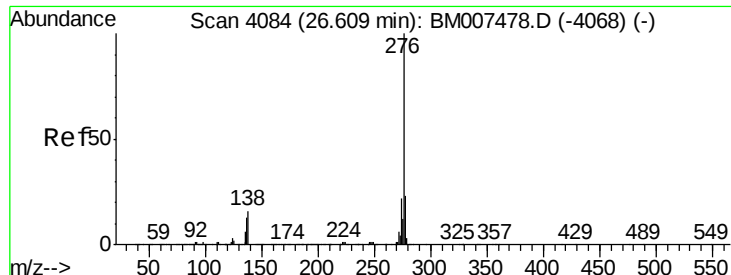


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 26.87 ng/ul

RT: 26.61 min Scan# 4084

Delta R.T. -0.00 min

Lab File: BM007492.D

Acq: 20 Sep 2016 12:12

Instrument :

BNA_M

ClientSampleId :

A4VH6

Tgt Ion:276 Resp: 2970926

Ion Ratio Lower Upper

276 100

138 15.6 13.5 20.3

277 23.3 19.3 28.9

