

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
 Data File : BM013495.D
 Acq On : 18 Dec 2017 13:01
 Operator : SJ/JU
 Sample : I6778-14ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A79ME

Quant Time: Dec 18 14:37:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	209397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	267390	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.34	164	752766	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.15	188	1379396	20.00	ng/ul	0.08
75) Chrysene-d12	21.34	240	33060	20.00	ng/ul	0.08
83) Perylene-d12	23.57	264	56039	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23433	5.54	ng/uL	0.00
5) Phenol-d5	6.86	99	669029	36.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	382121	36.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	539232	38.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	587490	37.96	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	315679	148.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	332216	146.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	610232	130.48	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	1432928	333.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.76	166	1863557	27.82	ng/ul	0.03
46) Acenaphthylene-d8	14.02	160	2396672	28.99	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	322935	27.75	ng/ul	0.04
57) Fluorene-d10	15.33	176	1707622	29.64	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.50	200	7103	0.82	ng/ul	0.05
70) Anthracene-d10	17.26	188	2477484	35.86	ng/ul	0.09
76) Pyrene-d10	19.52	212	2753498	1671.76	ng/ul	0.06
87) Benzo(a)pyrene-d12	23.37	264	1792091	627.82	ng/ul	0.03

Target Compounds

					Qvalue	
4) Benzaldehyde	6.83	77	41321	4.609	ng/ul#	1
6) Phenol	6.88	94	24575	1.372	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.11	93	77670	5.672	ng/ul#	34
14) Acetophenone	8.47	105	67039	2.848	ng/ul#	30
17) Hexachloroethane	8.77	117	163105	26.987	ng/ul#	1
20) Nitrobenzene	8.85	77	46405	8.687	ng/ul#	7
24) 2,4-Dimethylphenol	9.65	107	119475	23.282	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.87	93	15289	2.779	ng/ul#	1
34) 2-Methylnaphthalene	12.27	142	118590	11.467	ng/ul#	20
40) 1,1'-Biphenyl	13.16	154	16279358	255.885	ng/ul#	97
42) 2-Nitroaniline	13.36	65	117987	8.068	ng/ul#	29
44) Dimethylphthalate	13.80	163	173597	2.710	ng/ul	96
47) Acenaphthylene	14.06	152	7978664	104.299	ng/ul#	95
49) Acenaphthene	14.40	153	2994505	57.463	ng/ul	87
53) Dibenzofuran	14.65	168	1417869	18.430	ng/ul#	55
54) 2,4-Dinitrotoluene	14.71	165	178164	9.373	ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	14.99	232	17208	1.043	ng/ul#	1
58) Fluorene	15.40	166	3761839	59.109	ng/ul#	95
60) 4-Nitroaniline	15.44	138	1054466	76.520	ng/ul#	15
63) 4,6-Dinitro-2-methylphenol	15.53	198	9217	1.063	ng/ul#	1
64) N-Nitrosodiphenylamine	15.67	169	195037	4.800	ng/ul#	38
68) Pentachlorophenol	16.82	266	119312	11.536	ng/ul	95
69) Phenanthrene	17.27	178	3038805	38.777	ng/ul#	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

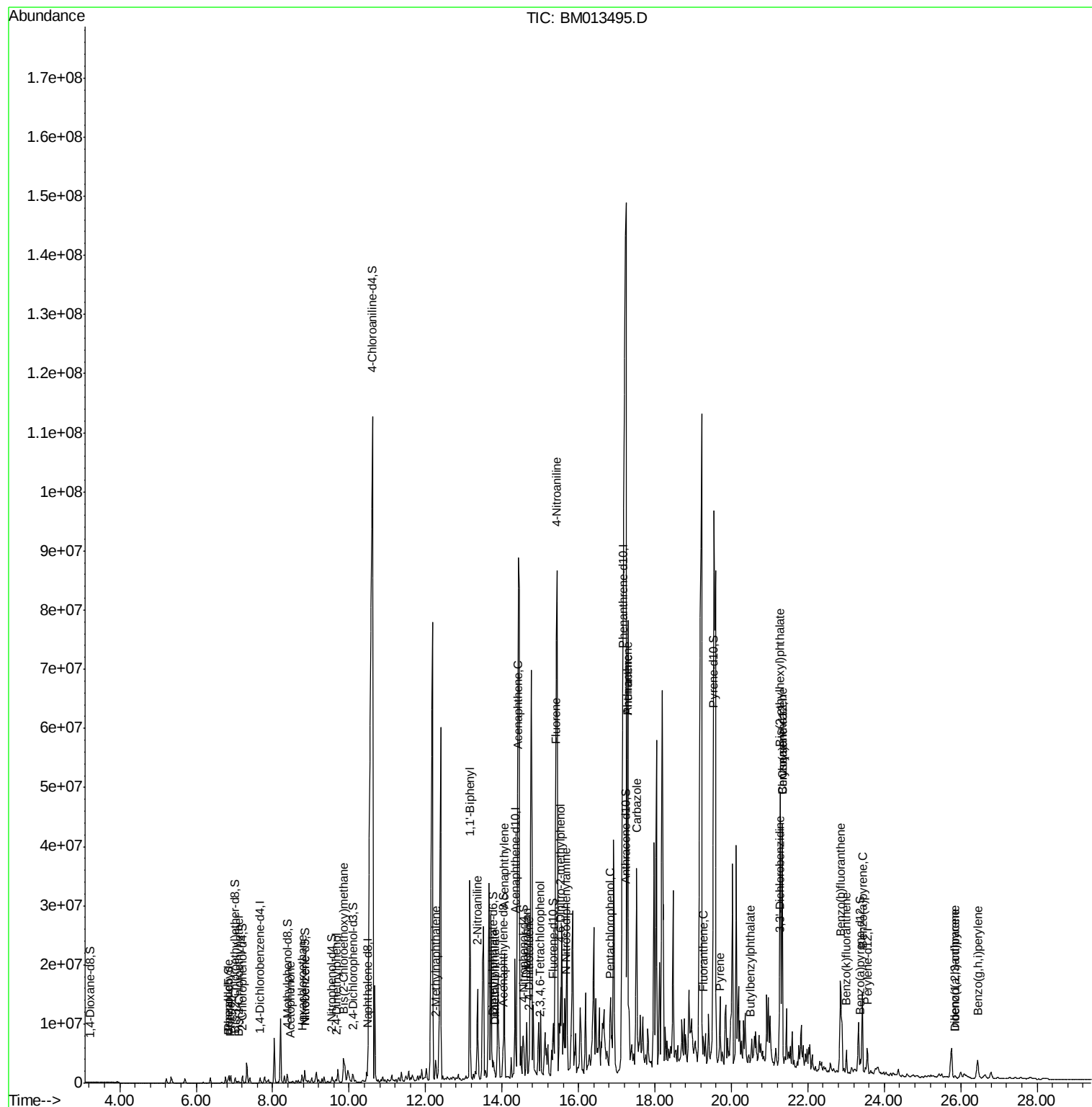
71) Anthracene	17.27	178	3038805	37.936	ng/ul#	65
72) Carbazole	17.52	167	18754307	272.197	ng/ul#	88
74) Fluoranthene	19.26	202	269500	2.806	ng/ul#	62
77) Pyrene	19.69	202	197595	98.380	ng/ul#	61
78) Butylbenzylphthalate	20.49	149	1883	2.399	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.25	252	3351	4.822	ng/ul#	9
80) Benzo(a)anthracene	21.33	228	18112413	8634.923	ng/ul#	78
81) Bis(2-ethylhexyl)phthalate	21.28	149	140786	119.022	ng/ul#	94
82) Chrysene	21.33	228	18112413	9307.415	ng/ul#	82
85) Benzo(b)fluoranthene	22.86	252	15905510	4210.398	ng/ul#	97
86) Benzo(k)fluoranthene	23.02	252	2482541	698.316	ng/ul#	90
88) Benzo(a)pyrene	23.43	252	10867503	3202.459	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.84	276	101897	30.263	ng/ul#	69
90) Dibenzo(a,h)anthracene	25.85	278	467876	163.190	ng/ul#	81
91) Benzo(g,h,i)perylene	26.44	276	3690855	1389.671	ng/ul#	95

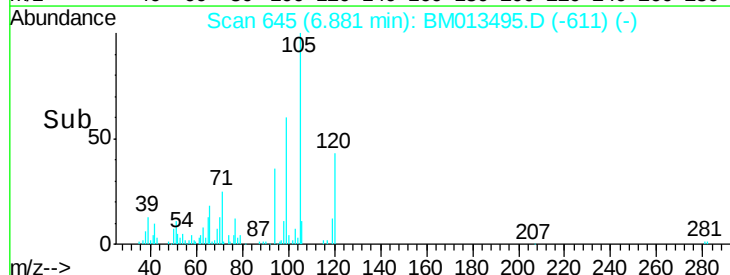
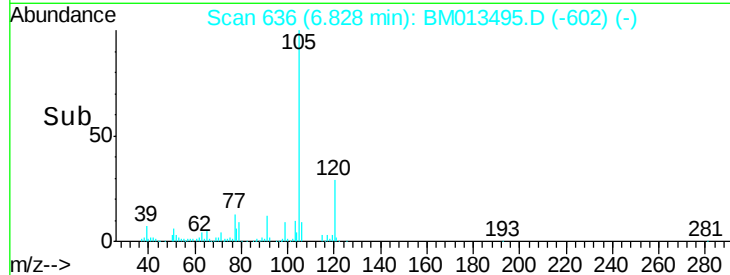
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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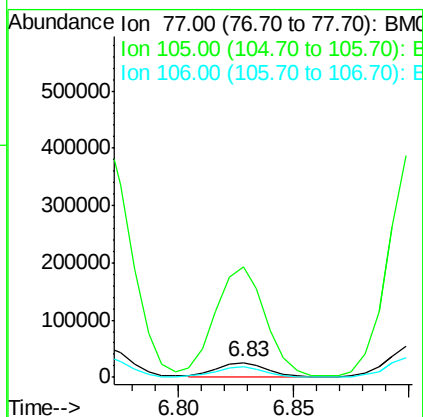
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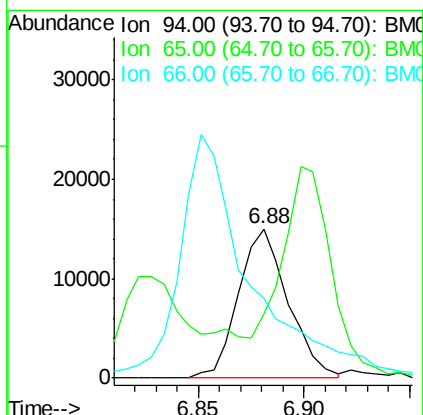


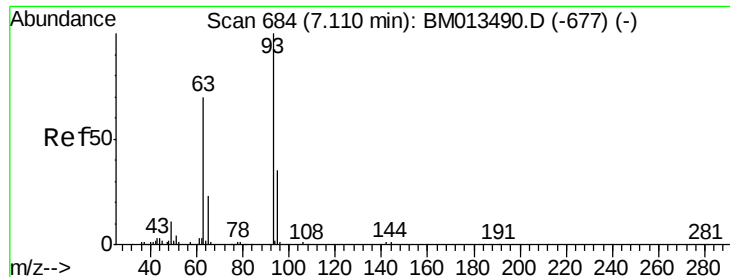


106 66.9 67.8 101.6#



66	53.2	47.2	70.8
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#8

Bis(2-Chloroethyl)ether

Concen: 5.672 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

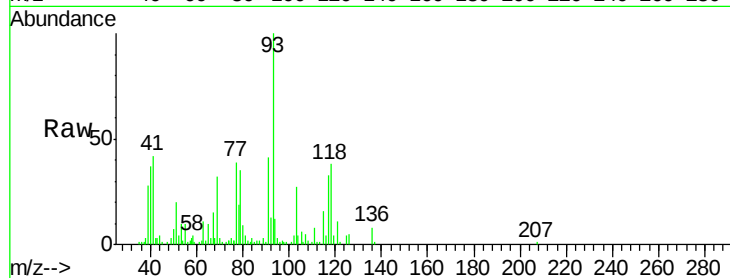
Tgt Ion: 93 Resp: 77670

Ion Ratio Lower Upper

93 100

63 11.3 57.3 85.9#

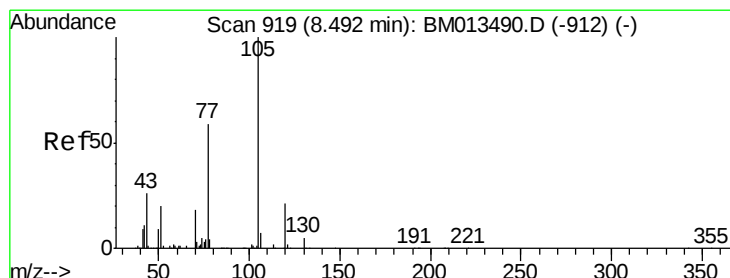
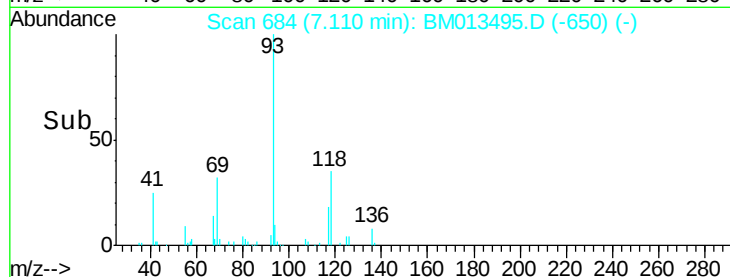
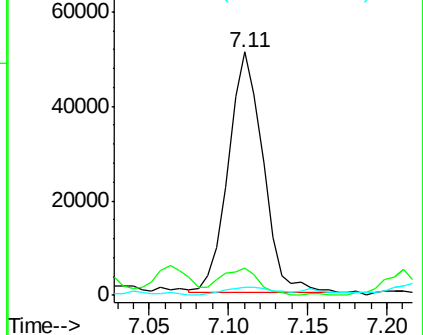
95 3.2 26.6 39.8#



Abundance Ion 93.00 (92.70 to 93.70): BM013495.D (-650) (-)

Ion 63.00 (62.70 to 63.70): BM013495.D (-650) (-)

Ion 95.00 (94.70 to 95.70): BM013495.D (-650) (-)



#14

Acetophenone

Concen: 2.848 ng/ul

RT: 8.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

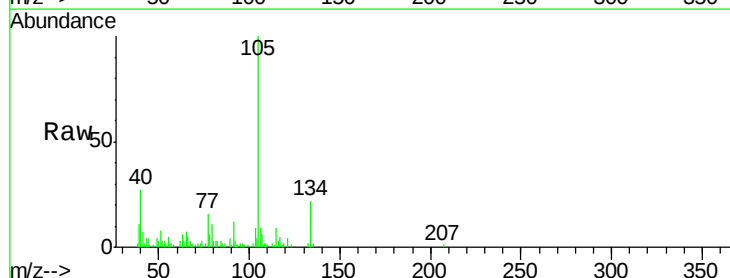
Tgt Ion: 105 Resp: 67039

Ion Ratio Lower Upper

105 100

77 16.1 74.2 111.4#

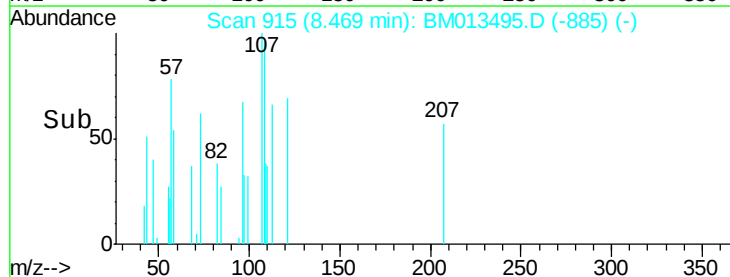
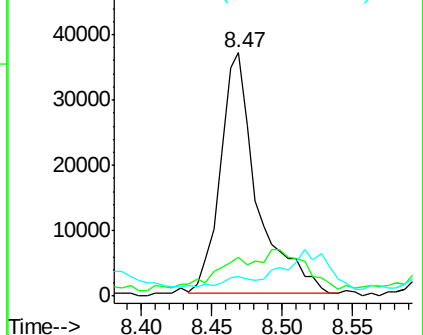
51 8.1 23.4 35.2#

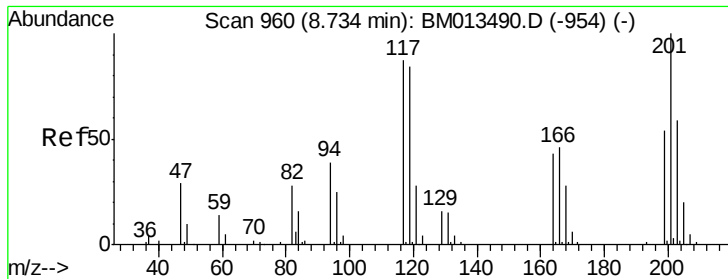


Abundance Ion 105.00 (104.70 to 105.70): BM013495.D (-885) (-)

Ion 77.00 (76.70 to 77.70): BM013495.D (-885) (-)

Ion 51.00 (50.70 to 51.70): BM013495.D (-885) (-)

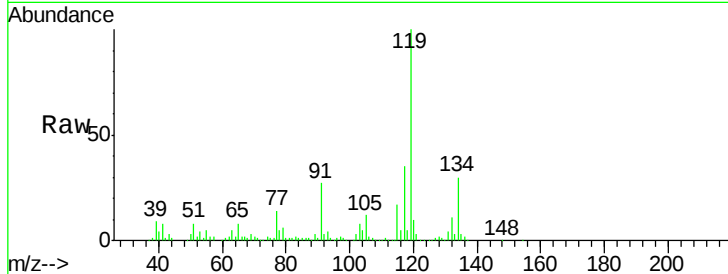




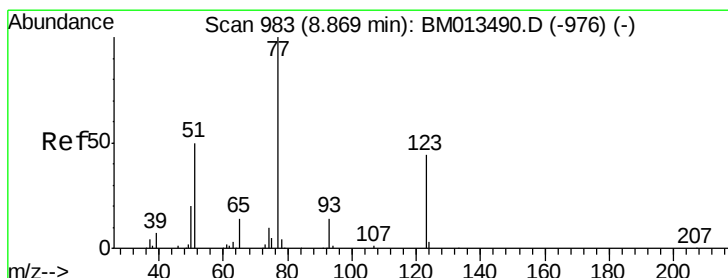
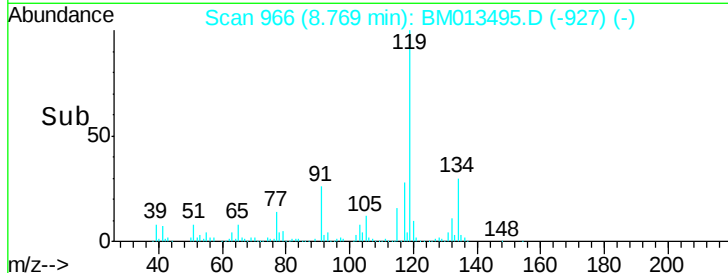
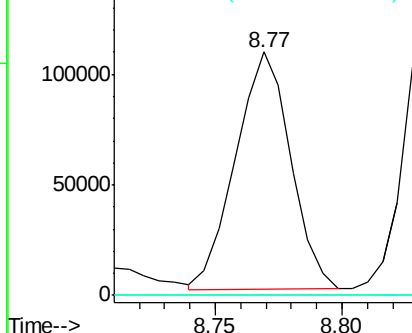
#17
Hexachloroethane
Concen: 26.987 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.03 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 163105
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#

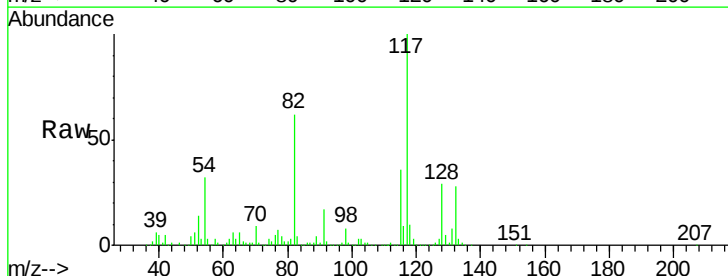


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

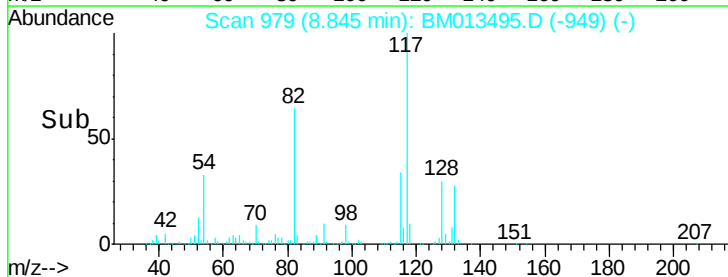
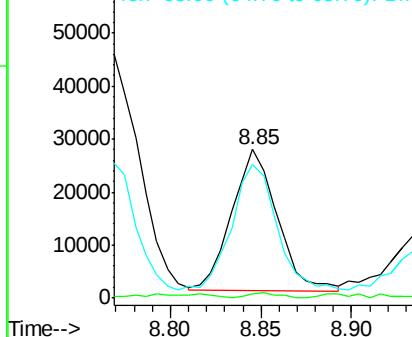


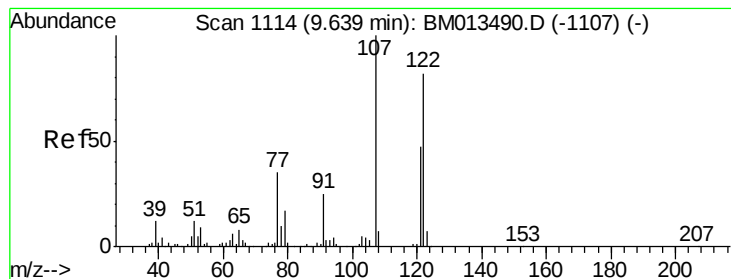
#20
Nitrobenzene
Concen: 8.687 ng/ul
RT: 8.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

Tgt Ion: 77 Resp: 46405
Ion Ratio Lower Upper
77 100
123 2.4 31.0 46.6#
65 89.4 12.2 18.2#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0

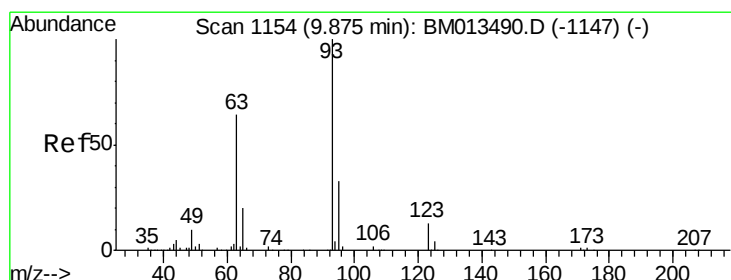
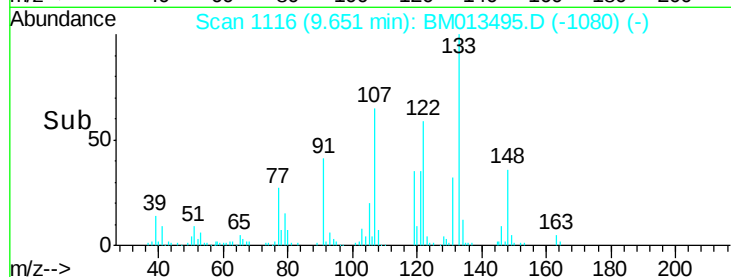
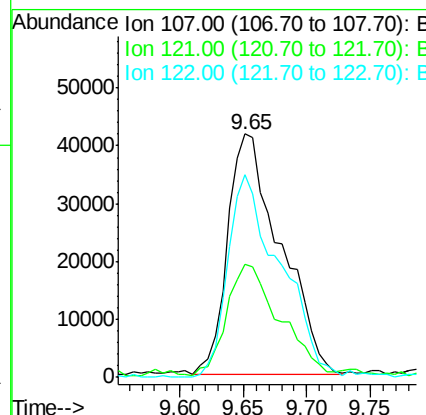
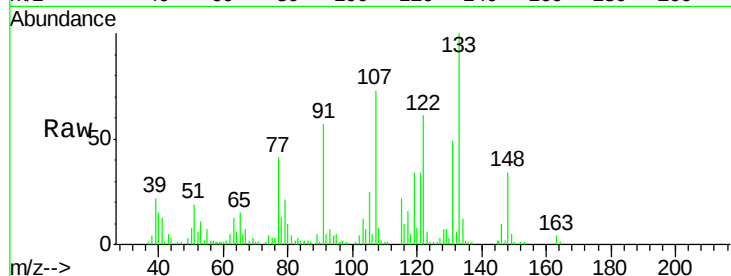




#24
 2,4-Dimethylphenol
 Concen: 23.282 ng/ul
 RT: 9.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

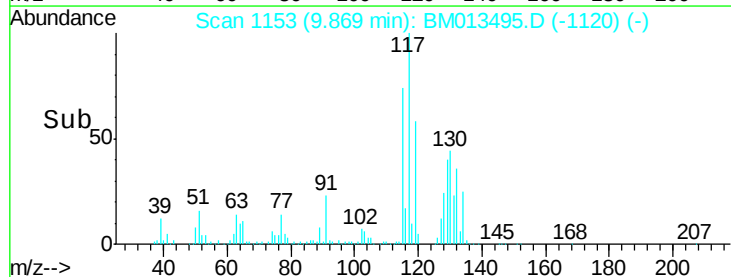
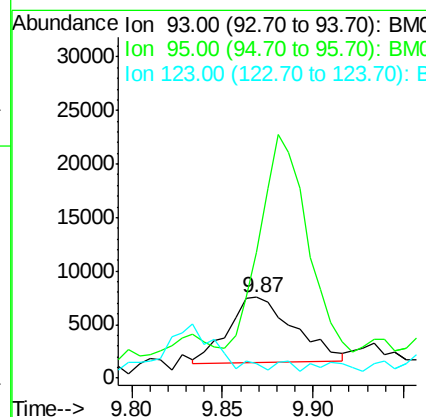
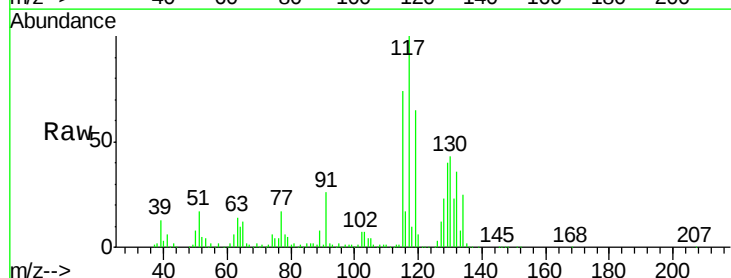
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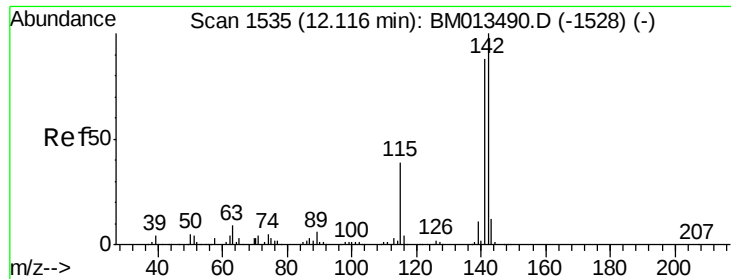
Tgt Ion: 107 Resp: 119475
 Ion Ratio Lower Upper
 107 100
 121 46.2 31.9 47.9
 122 83.0 57.8 86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.779 ng/ul
 RT: 9.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Tgt Ion: 93 Resp: 15289
 Ion Ratio Lower Upper
 93 100
 95 155.1 28.5 42.7#
 123 18.6 8.9 13.3#

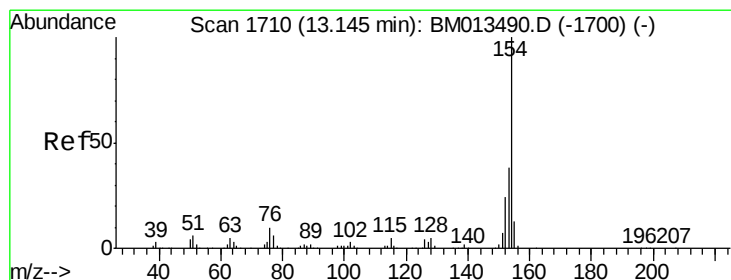
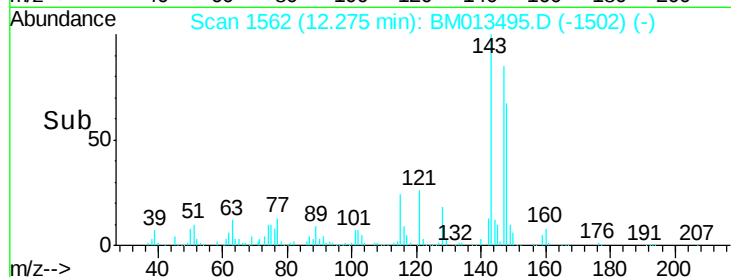
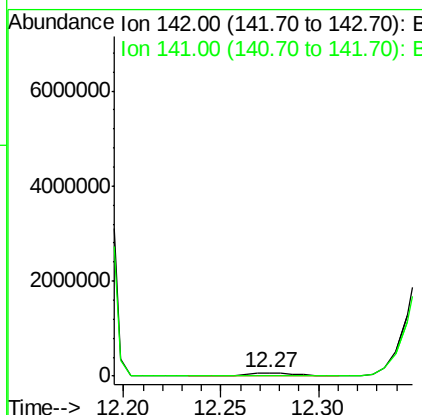
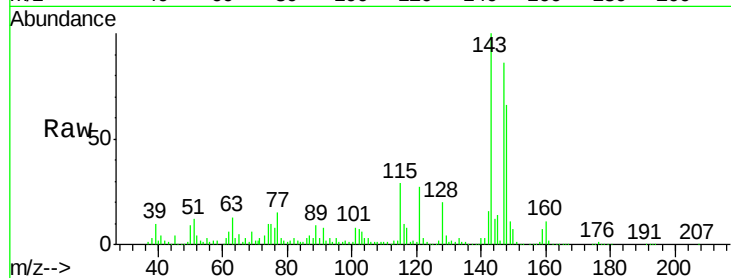




#34
 2-Methylnaphthalene
 Concen: 11.467 ng/ul
 RT: 12.27 min Scan# 1562
 Delta R.T. 0.15 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

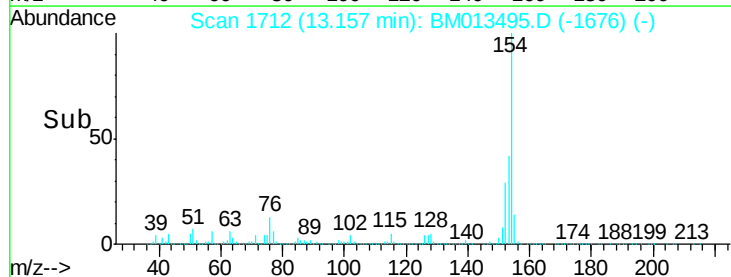
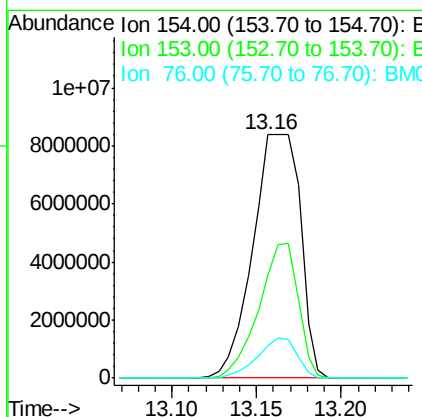
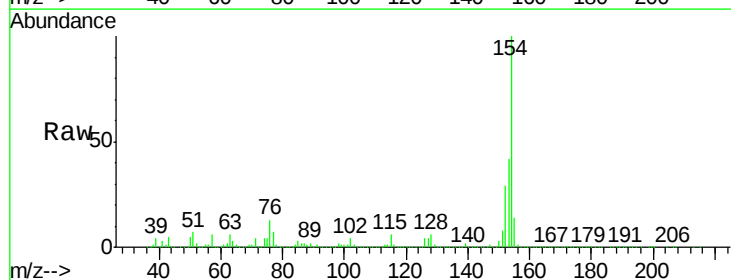
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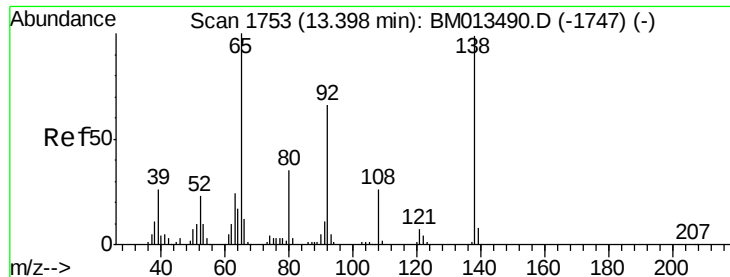
Tgt Ion:142 Resp: 118590
 Ion Ratio Lower Upper
 142 100
 141 16.3 74.1 111.1#



#40
 1,1'-Biphenyl
 Concen: 255.885 ng/ul
 RT: 13.16 min Scan# 1712
 Delta R.T. 0.01 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Tgt Ion:154 Resp:16279358
 Ion Ratio Lower Upper
 154 100
 153 42.2 32.6 48.8
 76 13.3 8.5 12.7#





#42

2-Nitroaniline

Concen: 8.068 ng/ul

RT: 13.36 min Scan# 1746

Delta R.T. -0.05 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

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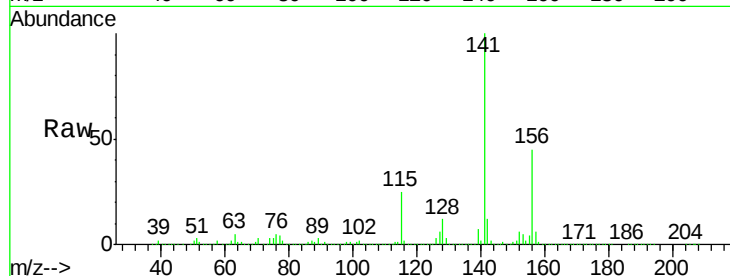
Tgt Ion: 65 Resp: 117987

Ion Ratio Lower Upper

65 100

92 9.6 51.8 77.6#

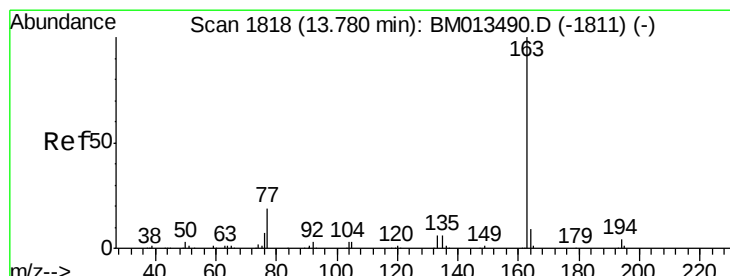
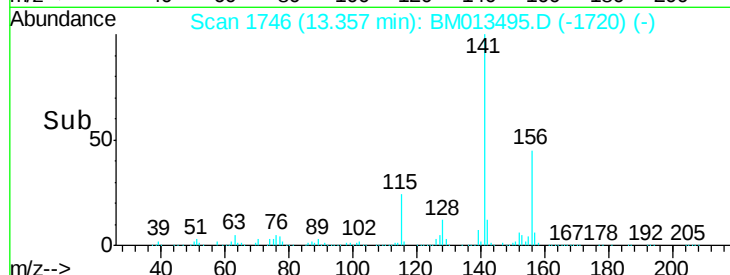
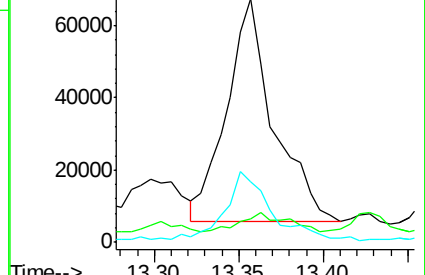
138 24.8 74.2 111.4#



Abundance Ion 65.00 (64.70 to 65.70): BM013490.D (-1747) (-)

Ion 92.00 (91.70 to 92.70): BM013490.D (-1747) (-)

Ion 138.00 (137.70 to 138.70): BM013490.D (-1747) (-)



#44

Dimethylphthalate

Concen: 2.710 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

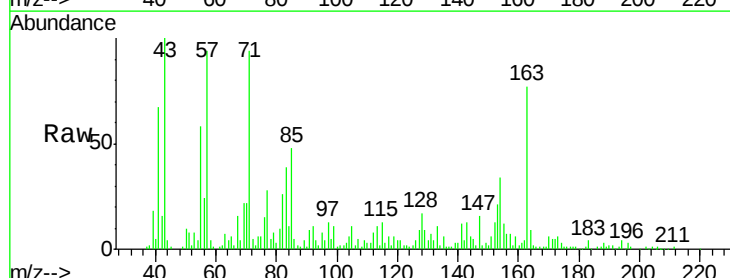
Tgt Ion: 163 Resp: 173597

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

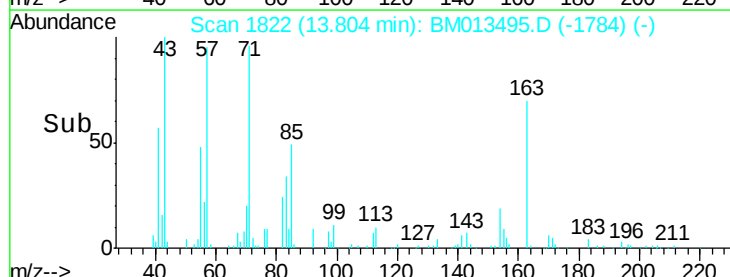
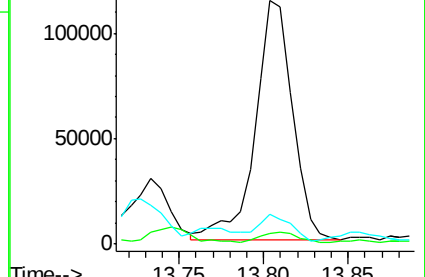
164 12.2 8.2 12.4

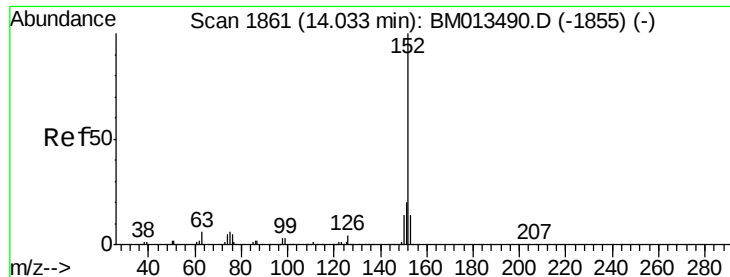


Abundance Ion 163.00 (162.70 to 163.70): BM013490.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM013490.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM013490.D (-1811) (-)





#47

Acenaphthylene

Concen: 104.299 ng/ul

RT: 14.06 min Scan# 1865

Delta R.T. 0.02 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

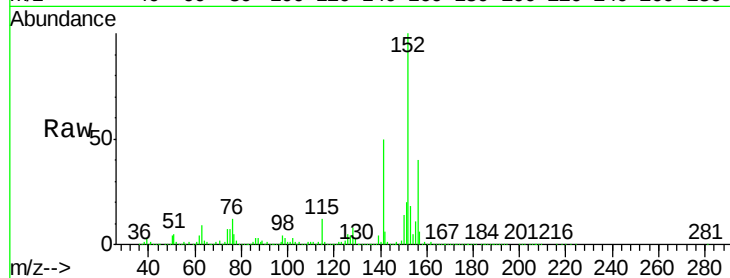
Tgt Ion:152 Resp: 7978664

Ion Ratio Lower Upper

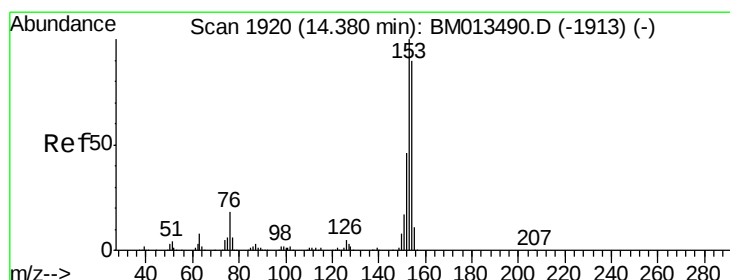
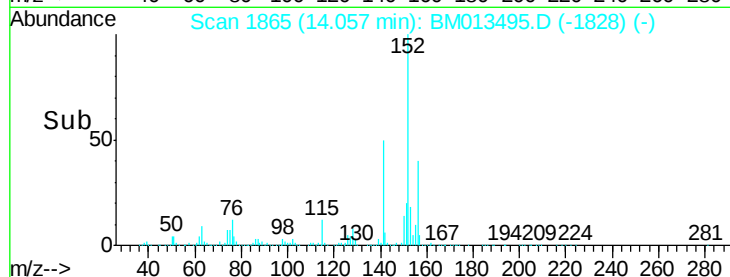
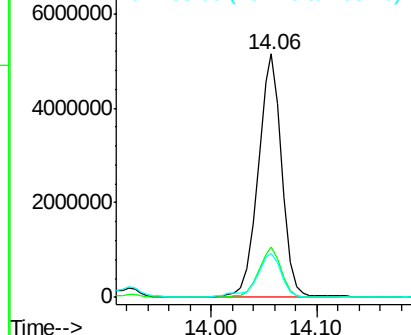
152 100

151 20.4 16.3 24.5

153 18.2 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 57.463 ng/ul

RT: 14.40 min Scan# 1924

Delta R.T. 0.02 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

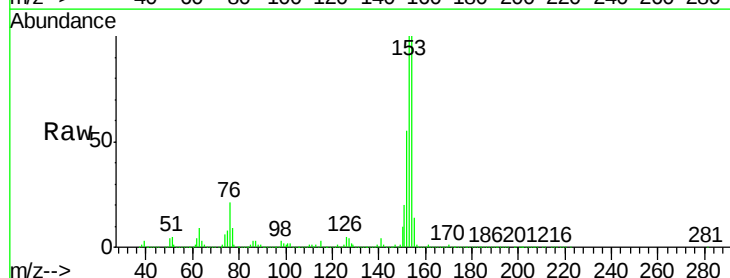
Tgt Ion:153 Resp: 2994505

Ion Ratio Lower Upper

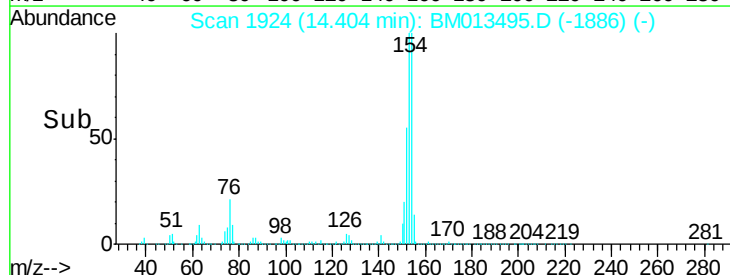
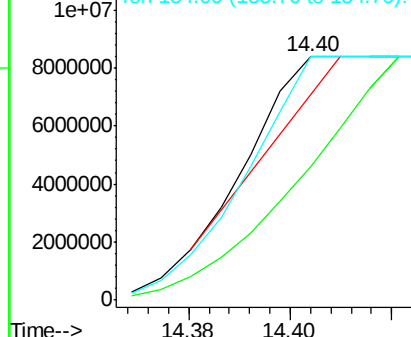
153 100

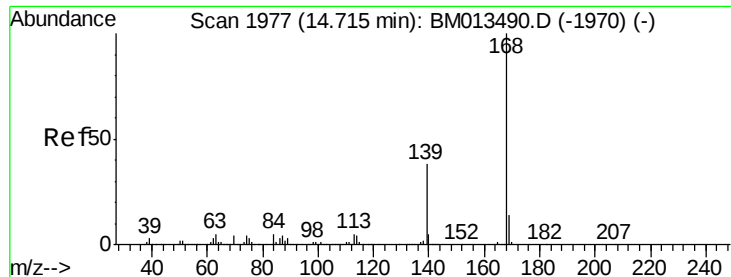
152 55.0 37.6 56.4

154 100.0 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 18.430 ng/ul

RT: 14.65 min Scan# 1966

Delta R.T. -0.07 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

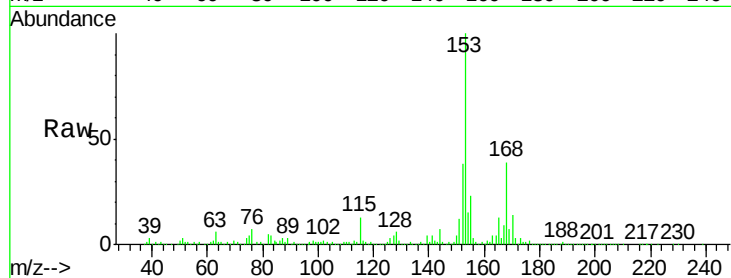
F9A79ME

Tgt Ion:168 Resp: 1417869

Ion Ratio Lower Upper

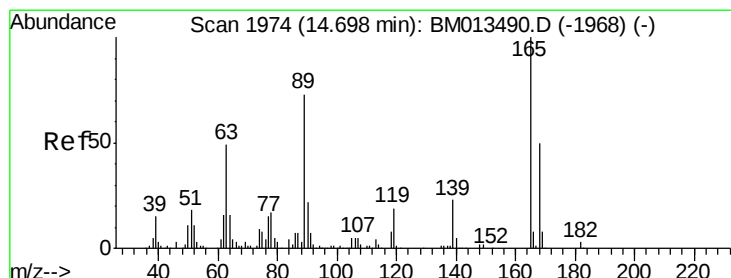
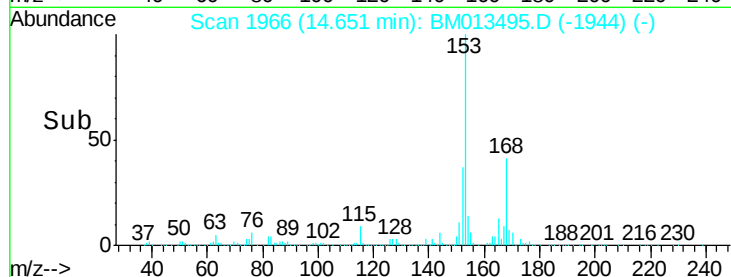
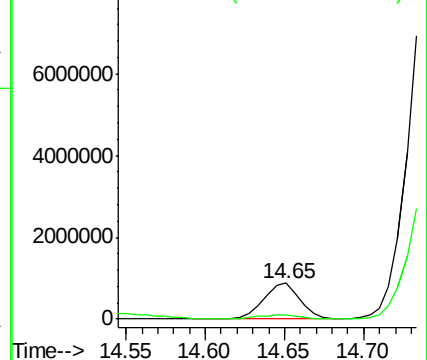
168 100

139 11.2 30.8 46.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 9.373 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

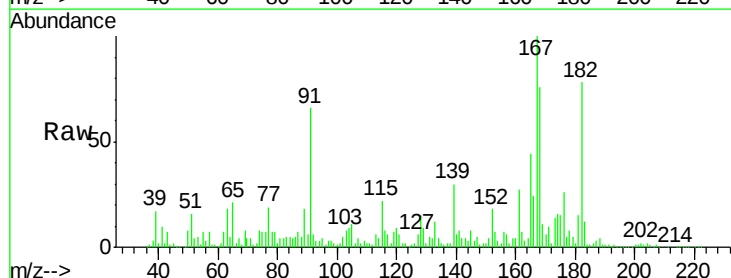
Tgt Ion:165 Resp: 178164

Ion Ratio Lower Upper

165 100

63 40.3 45.8 68.8#

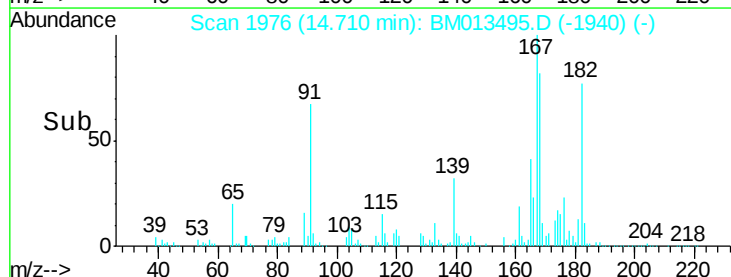
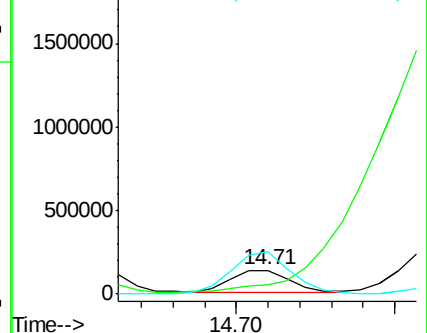
182 179.0 2.6 4.0#

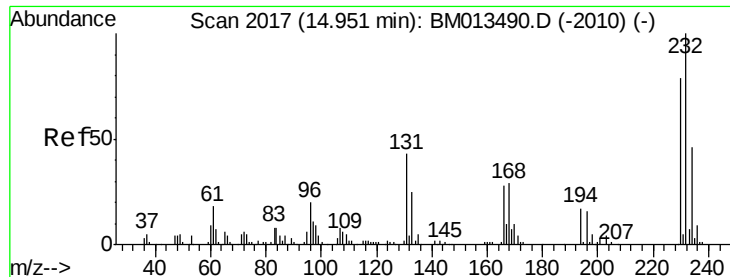


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

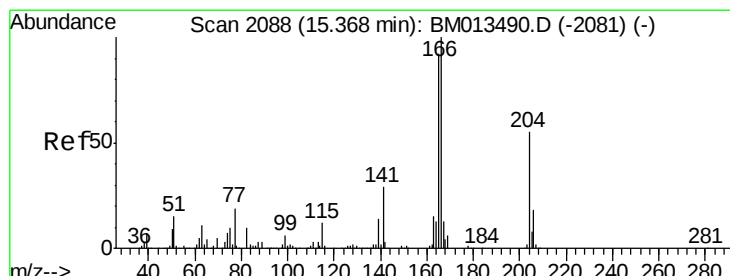
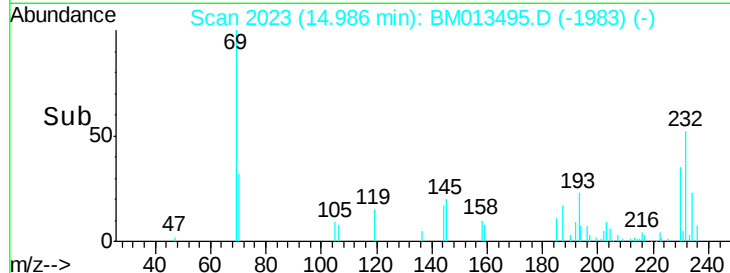
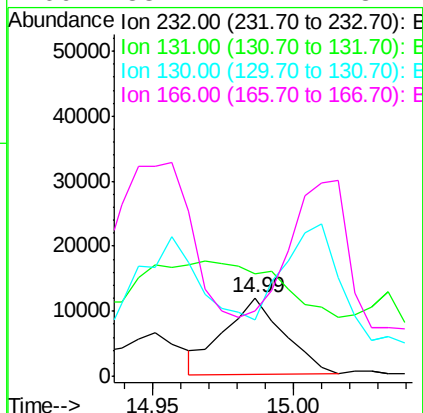
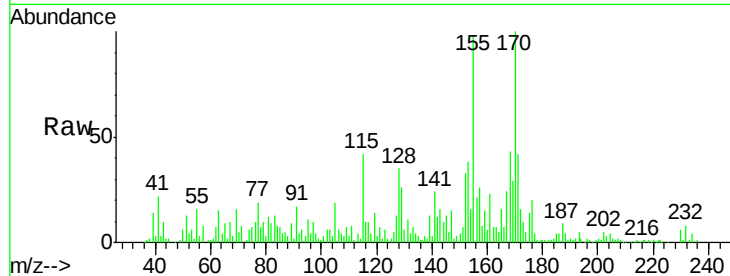




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.043 ng/ul
 RT: 14.99 min Scan# 2023
 Delta R.T. 0.04 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

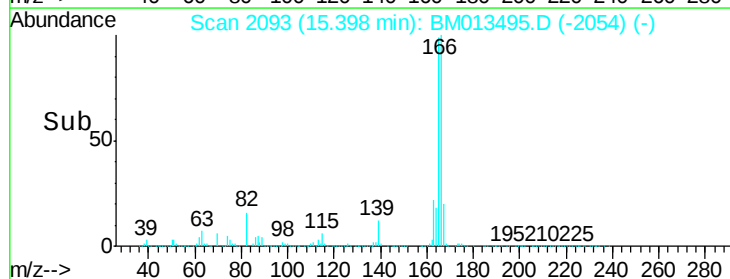
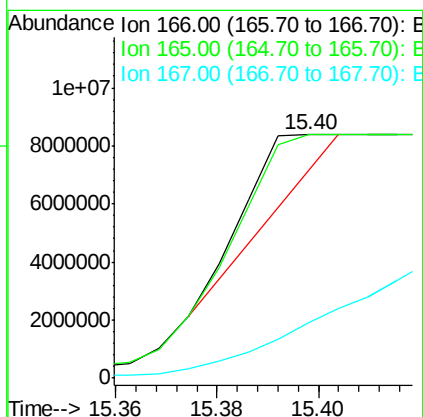
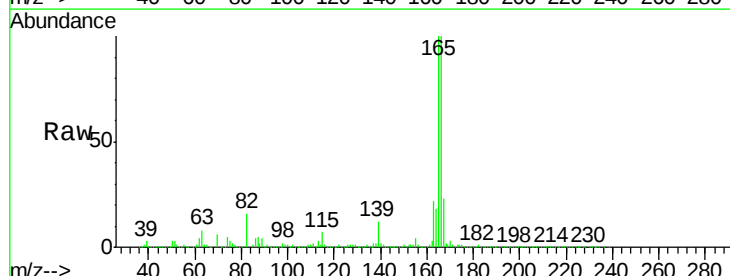
Instrument :
 BNA_M
 ClientSampled :
 F9A79ME

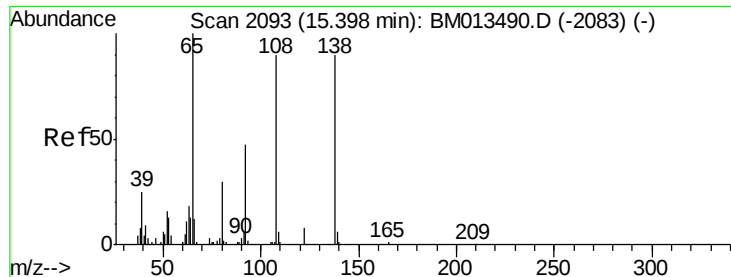
Tgt Ion:232 Resp: 17208
 Ion Ratio Lower Upper
 232 100
 131 131.3 29.0 43.4#
 130 72.1 2.0 3.0#
 166 83.4 21.4 32.2#



#58
 Fluorene
 Concen: 59.109 ng/ul
 RT: 15.40 min Scan# 2093
 Delta R.T. 0.03 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Tgt Ion:166 Resp: 3761839
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.9 116.9
 167 22.6 10.6 16.0#

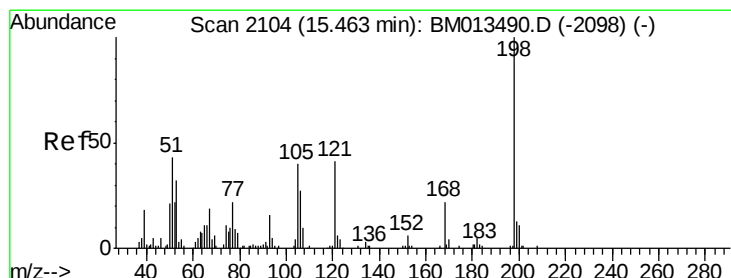
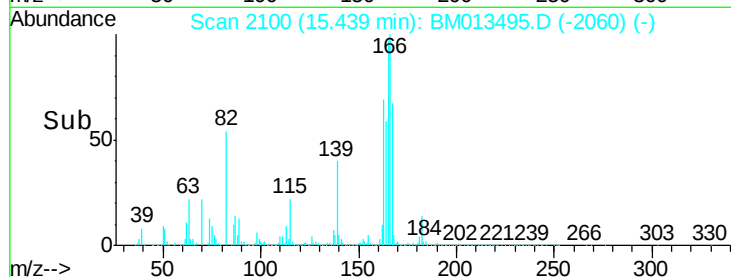
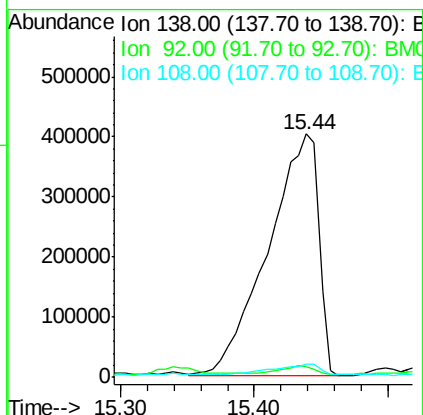
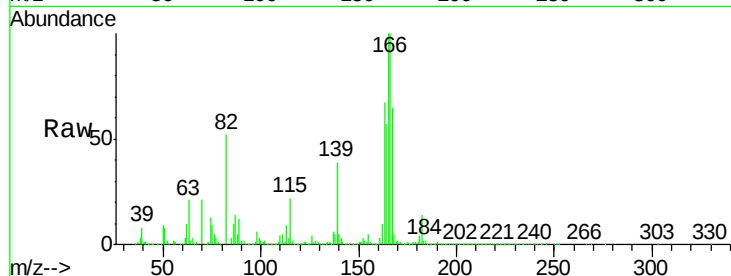




#60
4-Nitroaniline
Concen: 76.520 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. 0.04 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

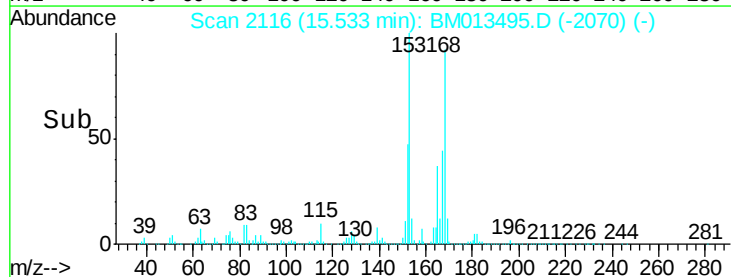
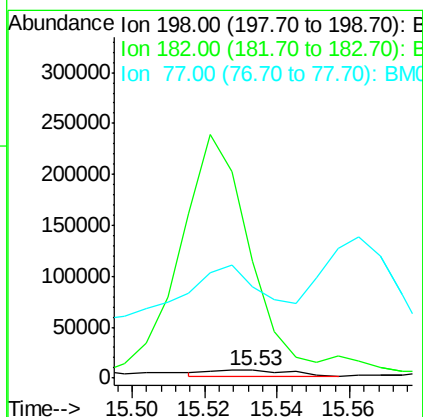
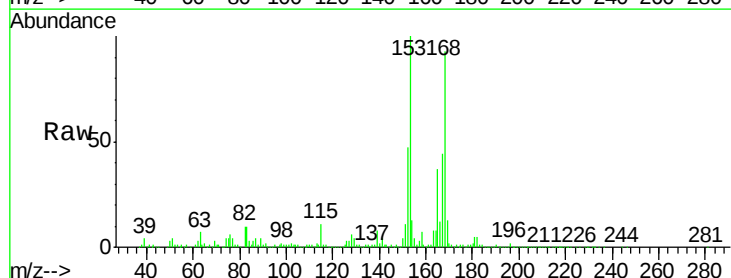
Instrument :
BNA_M
ClientSampled :
F9A79ME

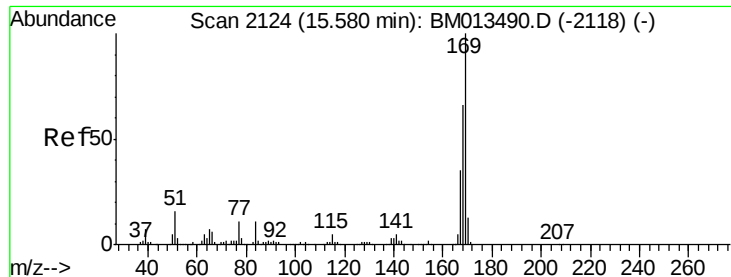
Tgt Ion:138 Resp: 1054466
Ion Ratio Lower Upper
138 100
92 4.6 40.0 60.0#
108 5.6 80.0 120.0#



#63
4,6-Dinitro-2-methylphenol
Concen: 1.063 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.07 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

Tgt Ion:198 Resp: 9217
Ion Ratio Lower Upper
198 100
182 1524.5 3.8 5.6#
77 1191.8 25.2 37.8#

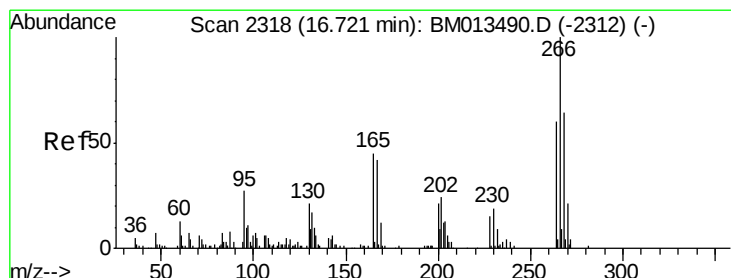
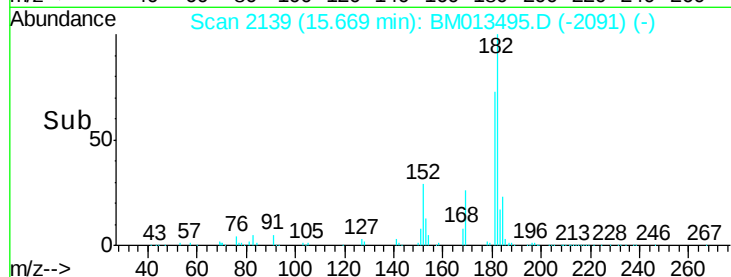
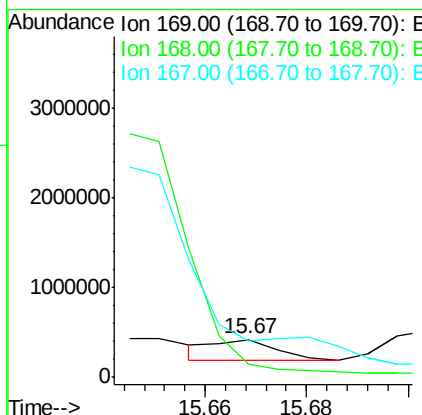
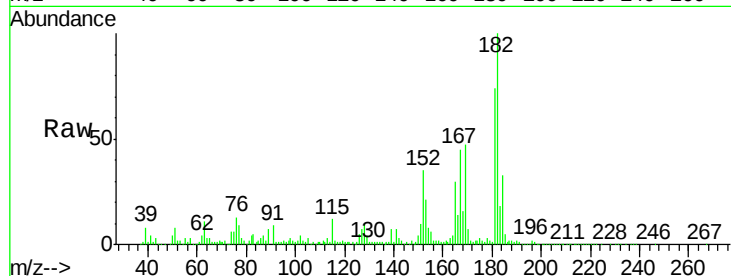




#64
N-Nitrosodiphenylamine
Concen: 4.800 ng/ul
RT: 15.67 min Scan# 2139
Delta R.T. 0.08 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

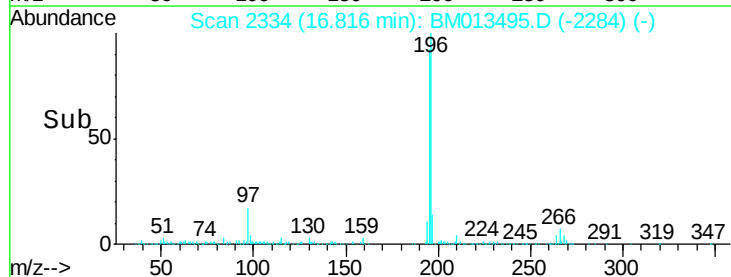
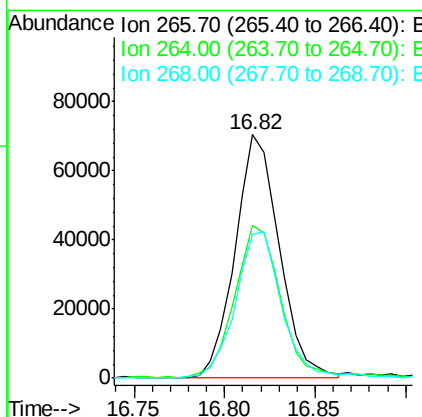
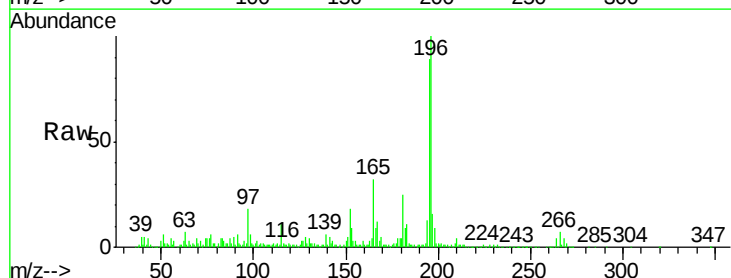
Instrument :
BNA_M
ClientSampleId :
F9A79ME

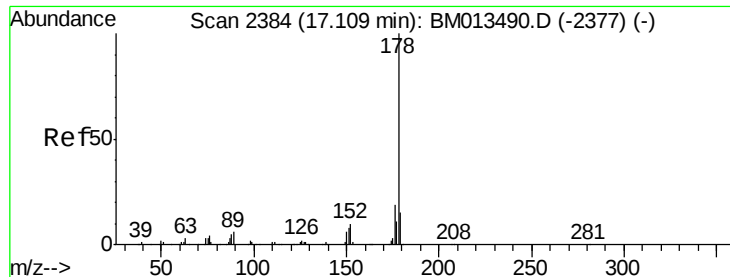
Tgt Ion:169 Resp: 195037
Ion Ratio Lower Upper
169 100
168 34.9 54.0 81.0#
167 96.7 29.1 43.7#



#68
Pentachlorophenol
Concen: 11.536 ng/ul
RT: 16.82 min Scan# 2334
Delta R.T. 0.09 min
Lab File: BM013495.D
Acq: 18 Dec 2017 13:01

Tgt Ion:266 Resp: 119312
Ion Ratio Lower Upper
266 100
264 62.5 49.3 73.9
268 59.2 52.6 78.8





#69

Phenanthrene

Concen: 38.777 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.16 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

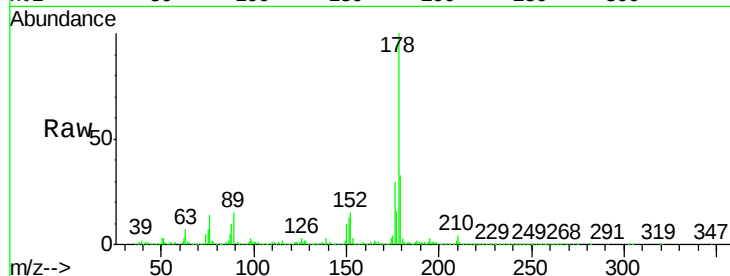
Tgt Ion:178 Resp: 3038805

Ion Ratio Lower Upper

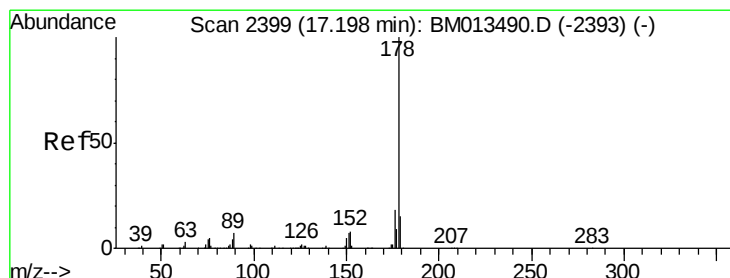
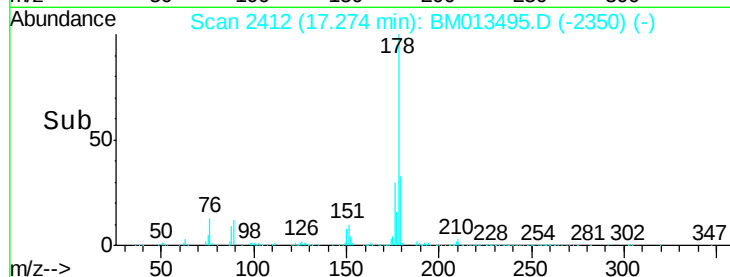
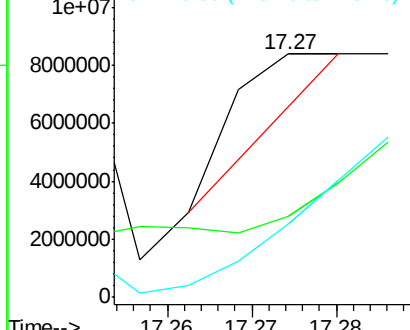
178 100

179 33.1 12.6 19.0#

176 29.9 14.9 22.3#



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: 37.936 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.07 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

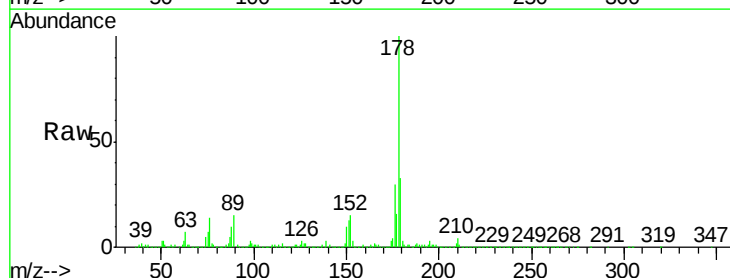
Tgt Ion:178 Resp: 3038805

Ion Ratio Lower Upper

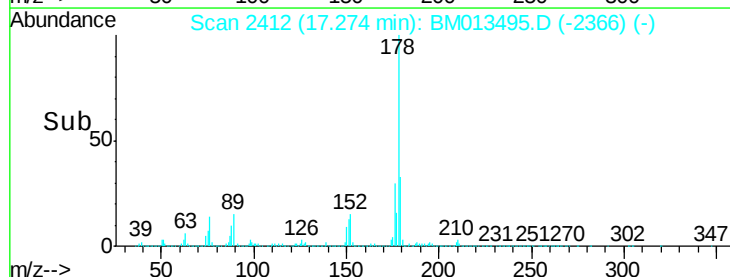
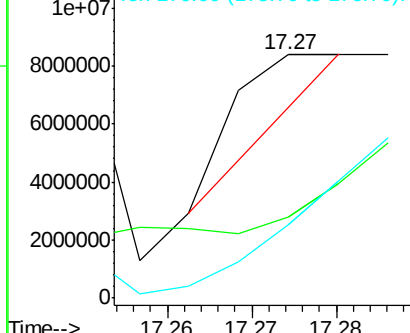
178 100

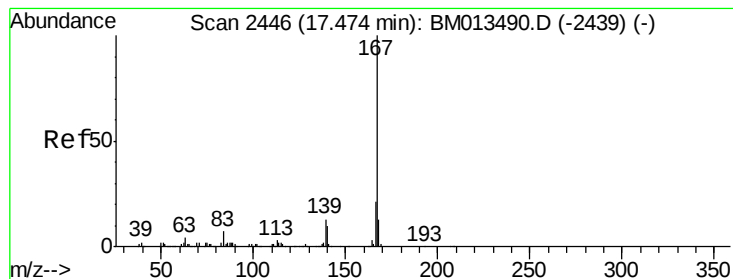
179 33.1 11.7 17.5#

176 29.9 14.6 21.8#



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





#72

Carbazole

Concen: 272.197 ng/ul

RT: 17.52 min Scan# 2453

Delta R.T. 0.04 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

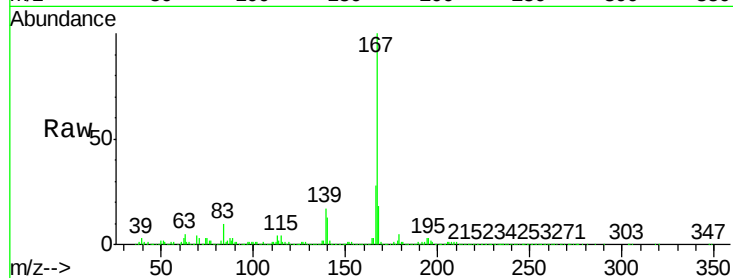
Tgt Ion:167 Resp:18754307

Ion Ratio Lower Upper

167 100

166 27.7 17.1 25.7#

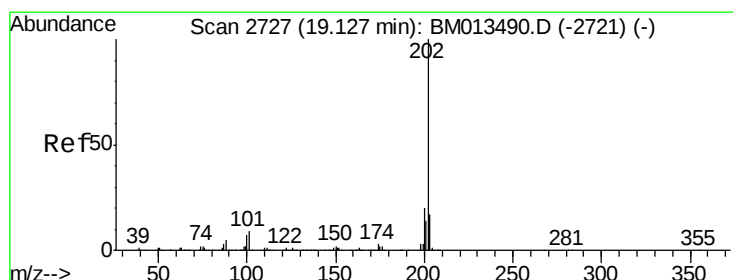
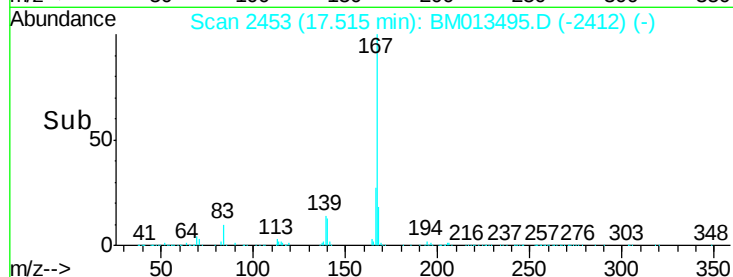
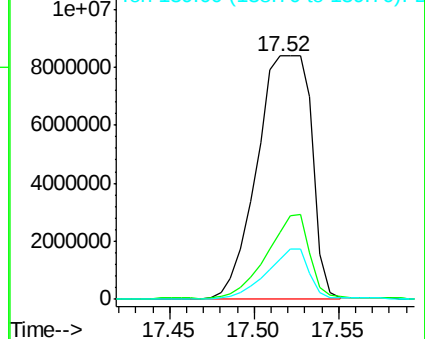
139 16.6 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 2.806 ng/ul

RT: 19.26 min Scan# 2750

Delta R.T. 0.14 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

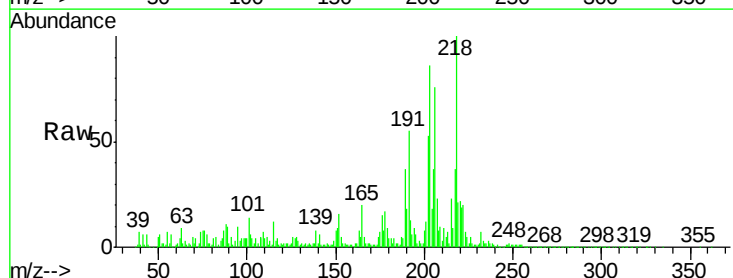
Tgt Ion:202 Resp: 269500

Ion Ratio Lower Upper

202 100

101 25.4 4.6 7.0#

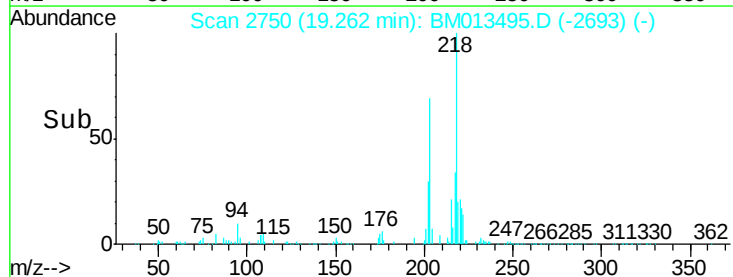
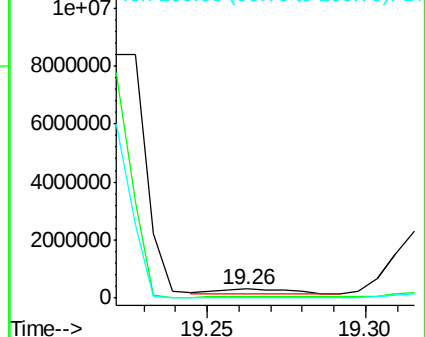
100 7.7 3.4 5.2#

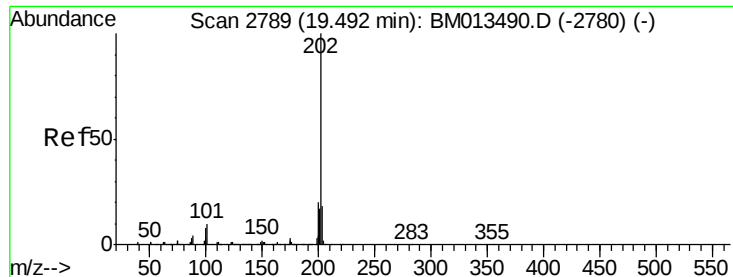


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 98.380 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. 0.19 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

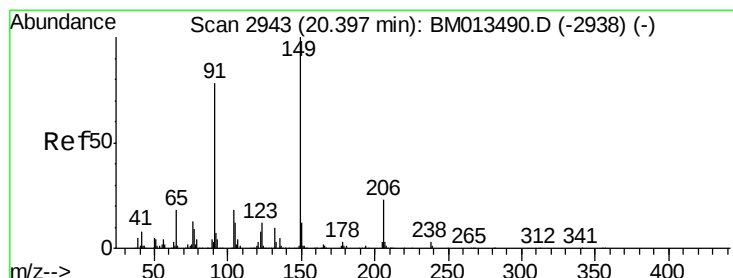
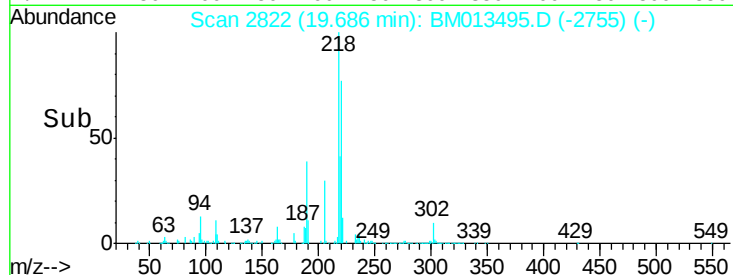
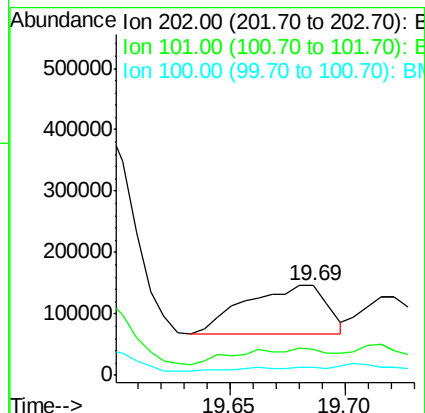
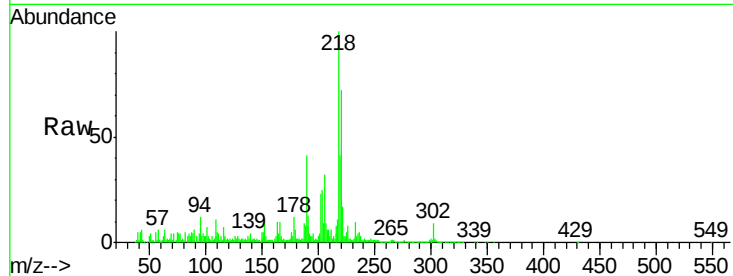
Tgt Ion:202 Resp: 197595

Ion Ratio Lower Upper

202 100

101 28.7 5.1 7.7#

100 9.5 4.9 7.3#



#78

Butylbenzylphthalate

Concen: 2.399 ng/ul

RT: 20.49 min Scan# 2959

Delta R.T. 0.09 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

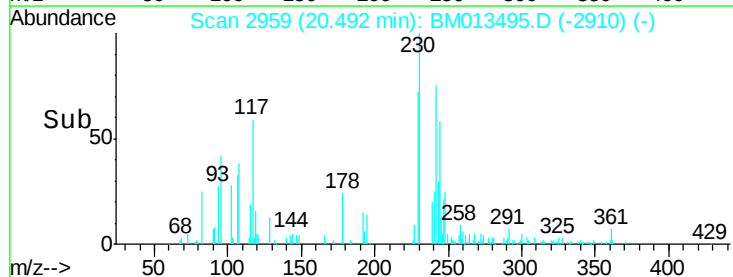
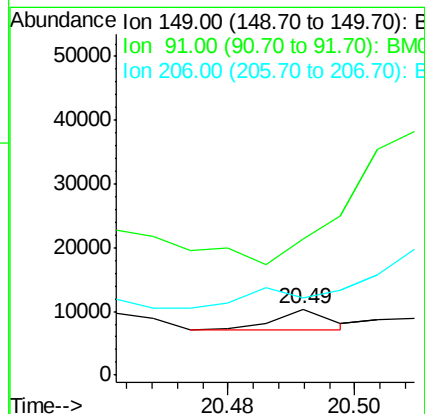
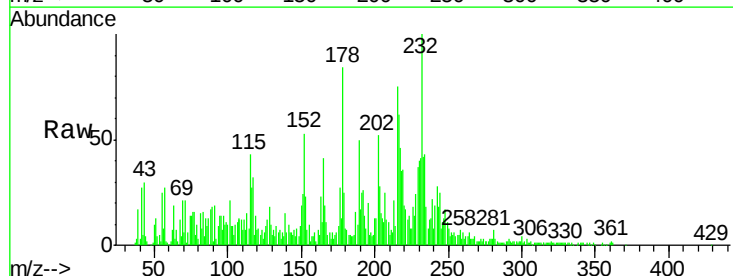
Tgt Ion:149 Resp: 1883

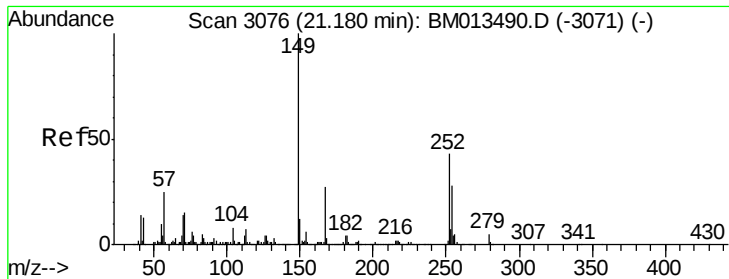
Ion Ratio Lower Upper

149 100

91 206.3 62.7 94.1#

206 117.7 20.8 31.2#

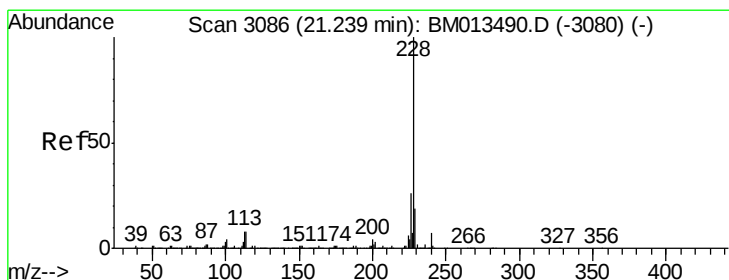
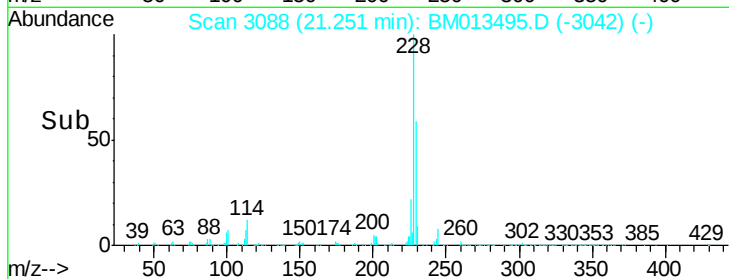
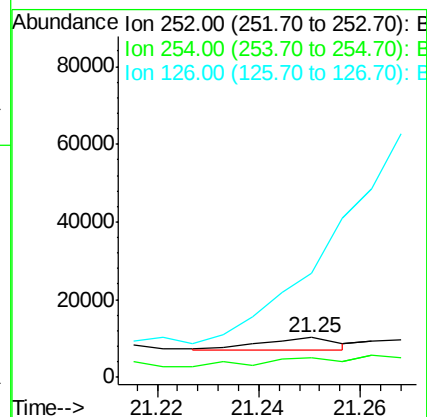
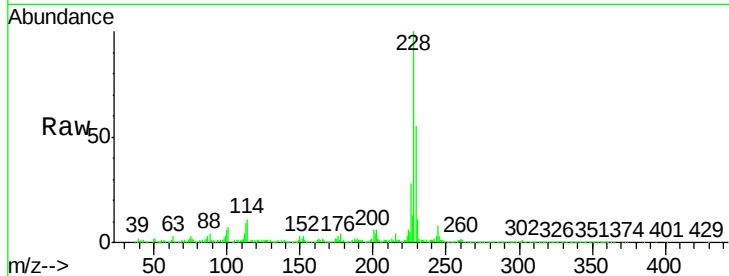




#79
 3,3'-Dichlorobenzidine
 Concen: 4.822 ng/ul
 RT: 21.25 min Scan# 3088
 Delta R.T. 0.07 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

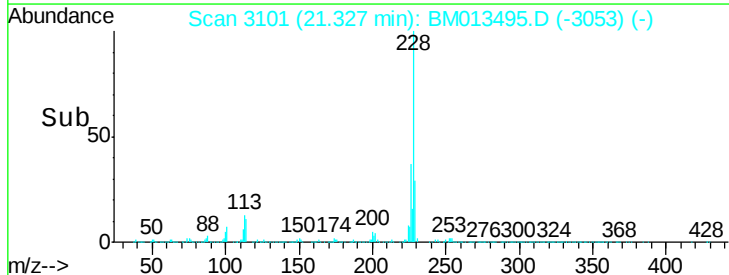
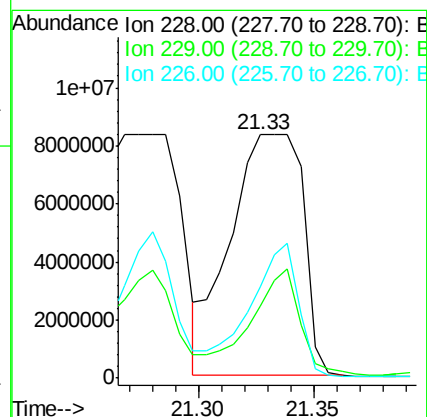
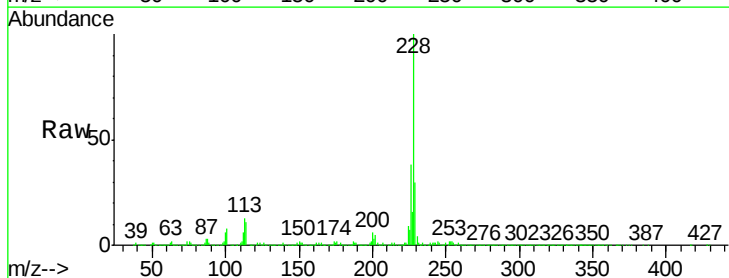
Instrument :
 BNA_M
 ClientSampleId :
 F9A79ME

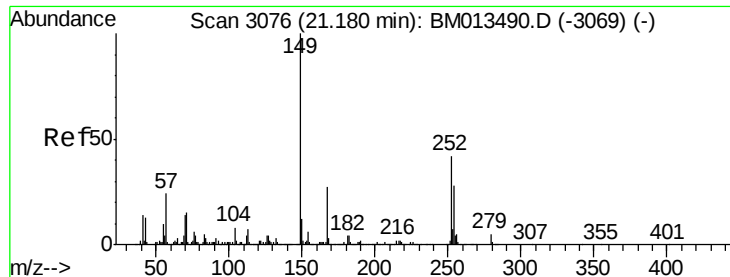
Tgt Ion:252 Resp: 3351
 Ion Ratio Lower Upper
 252 100
 254 50.4 54.5 81.7#
 126 262.5 5.8 8.8#



#80
 Benzo(a)anthracene
 Concen: 8634.923 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. 0.08 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Tgt Ion:228 Resp:18112413
 Ion Ratio Lower Upper
 228 100
 229 29.6 15.4 23.0#
 226 37.6 21.4 32.0#





#81

Bis(2-ethylhexyl)phthalate

Concen: 119.022 ng/ul

RT: 21.28 min Scan# 3093

Delta R.T. 0.10 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

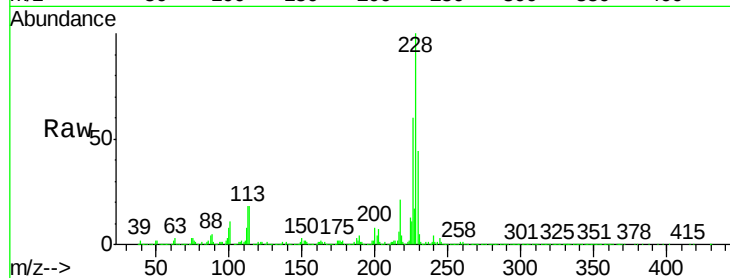
Tgt Ion:149 Resp: 140786

Ion Ratio Lower Upper

149 100

167 25.7 22.8 34.2

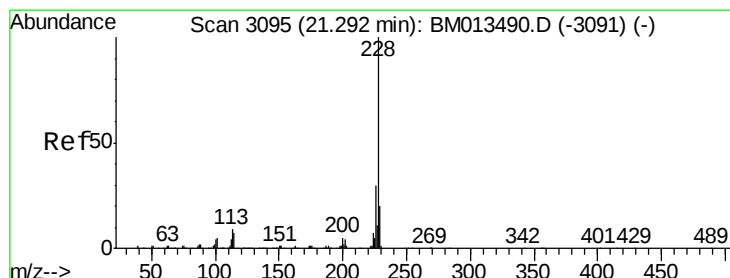
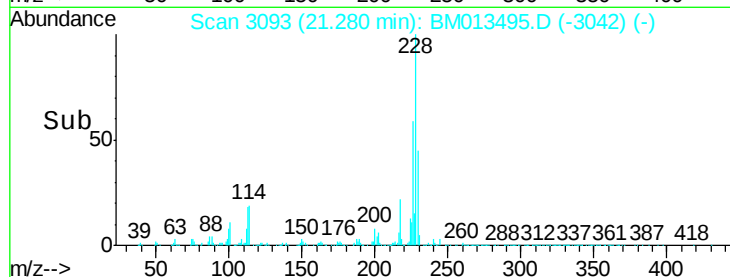
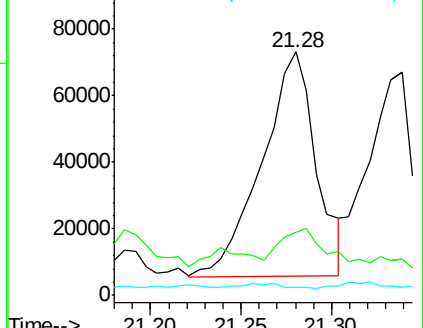
279 3.4 4.9 7.3#



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: 9307.415 ng/ul

RT: 21.33 min Scan# 3101

Delta R.T. 0.03 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

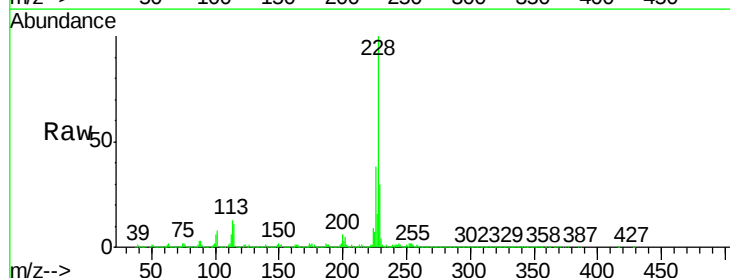
Tgt Ion:228 Resp:18112413

Ion Ratio Lower Upper

228 100

226 37.6 23.4 35.2#

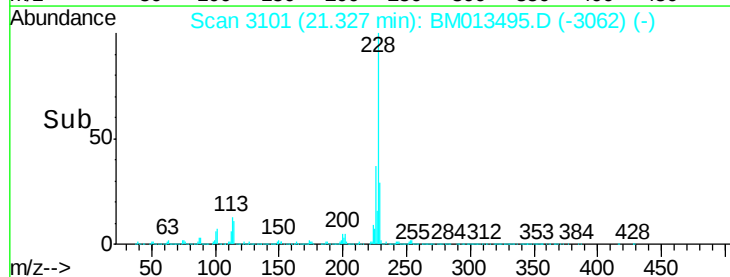
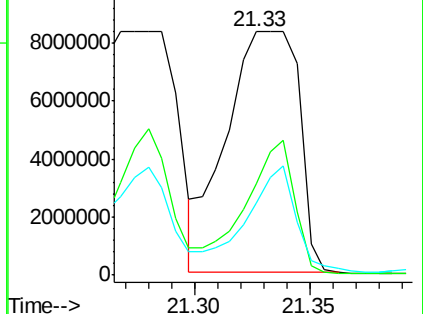
229 29.6 15.5 23.3#

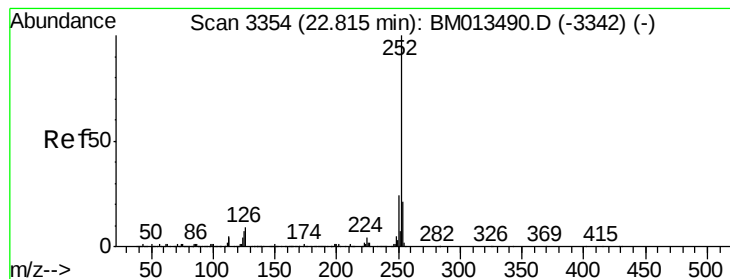


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4210.398 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. 0.04 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

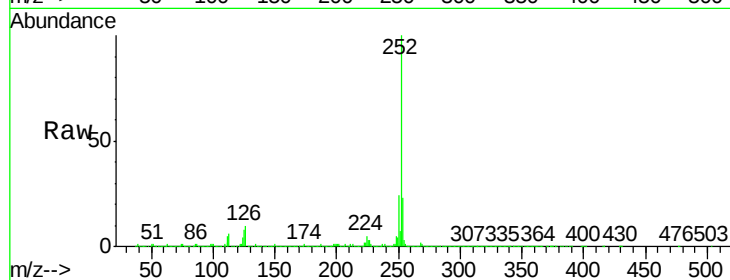
Tgt Ion:252 Resp:15905510

Ion Ratio Lower Upper

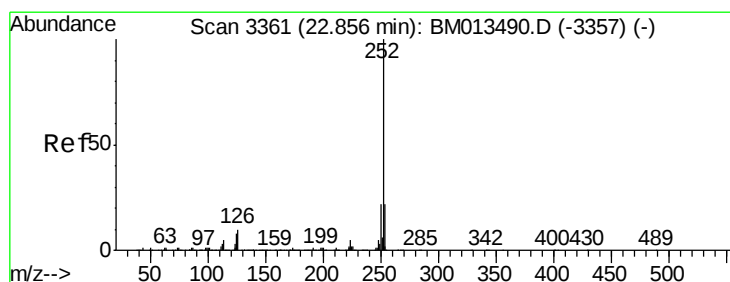
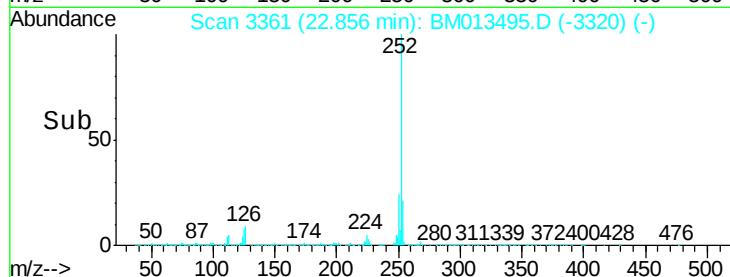
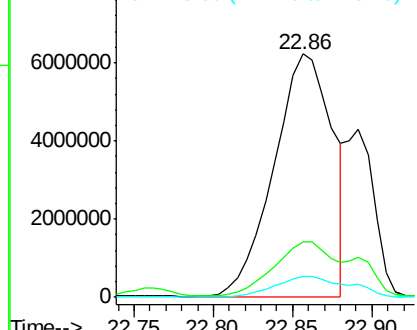
252 100

253 22.8 17.9 26.9

125 8.3 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 698.316 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. 0.15 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

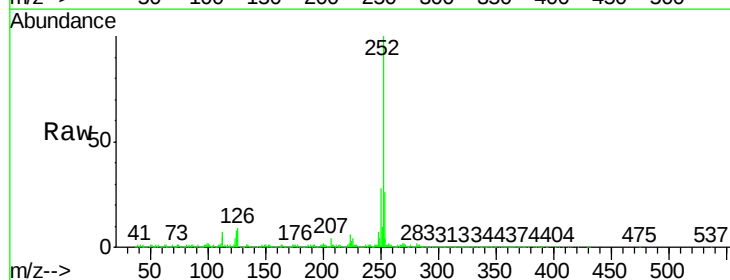
Tgt Ion:252 Resp: 2482541

Ion Ratio Lower Upper

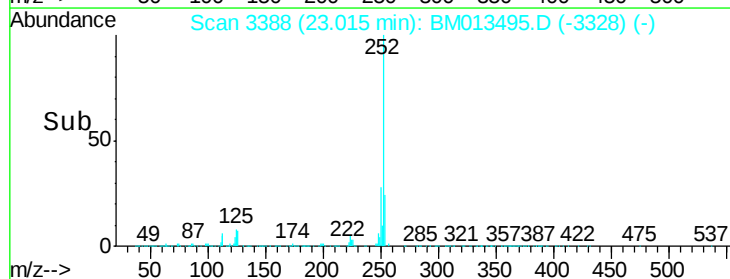
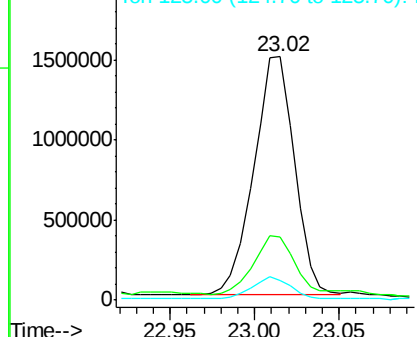
252 100

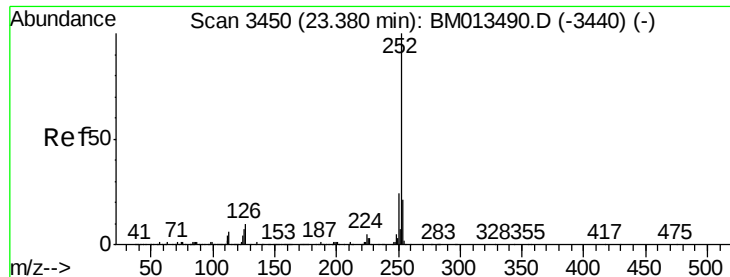
253 26.1 17.1 25.7#

125 8.0 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 3202.459 ng/u1

RT: 23.43 min Scan# 3459

Delta R.T. 0.05 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

Instrument :

BNA_M

ClientSampleId :

F9A79ME

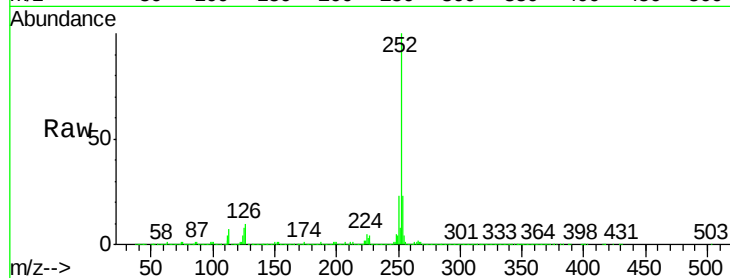
Tgt Ion:252 Resp:10867503

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

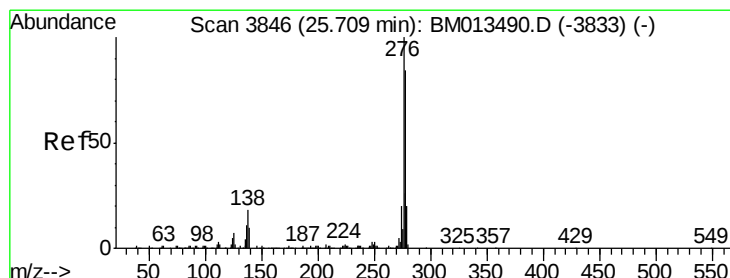
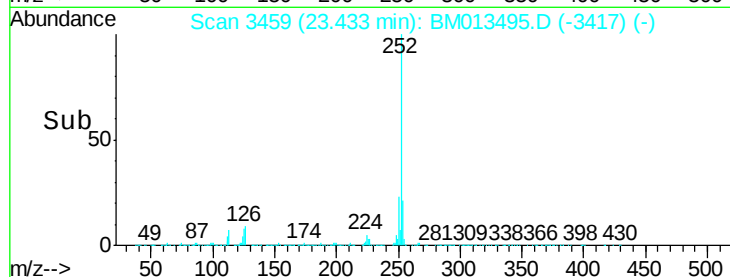
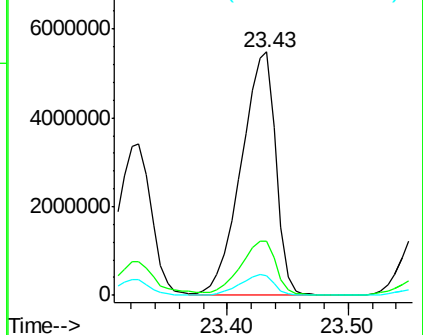
125 7.9 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 30.263 ng/u1

RT: 25.84 min Scan# 3869

Delta R.T. 0.13 min

Lab File: BM013495.D

Acq: 18 Dec 2017 13:01

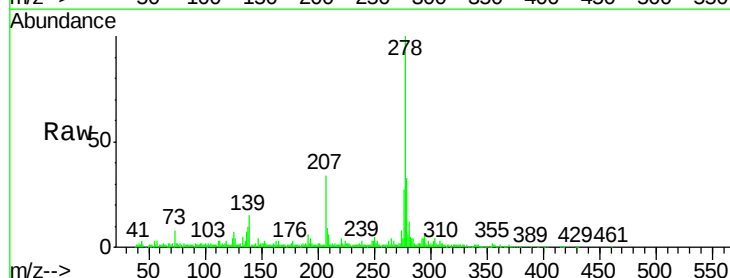
Tgt Ion:276 Resp: 101897

Ion Ratio Lower Upper

276 100

138 35.3 9.3 13.9#

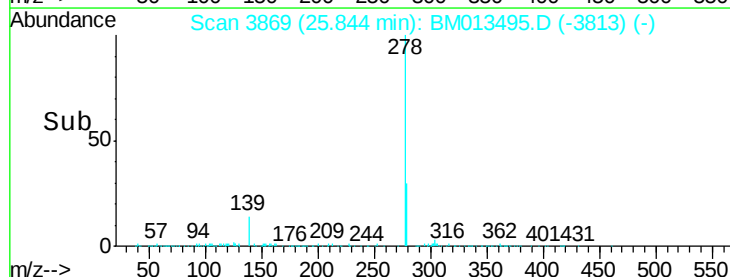
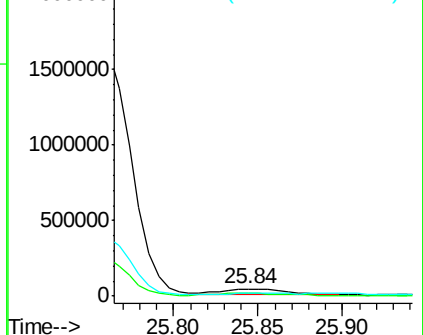
277 33.6 19.9 29.9#

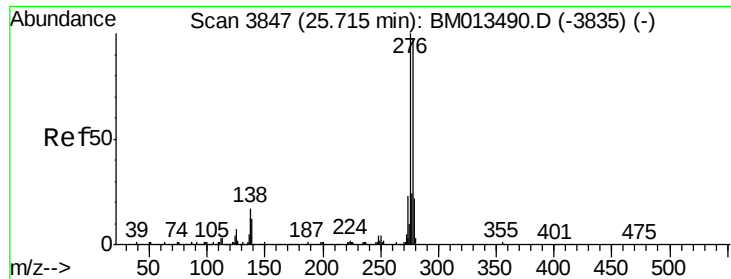


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



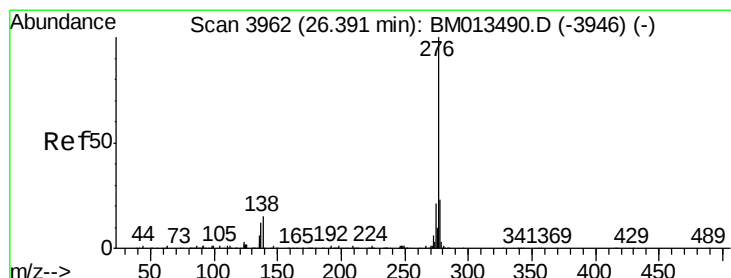
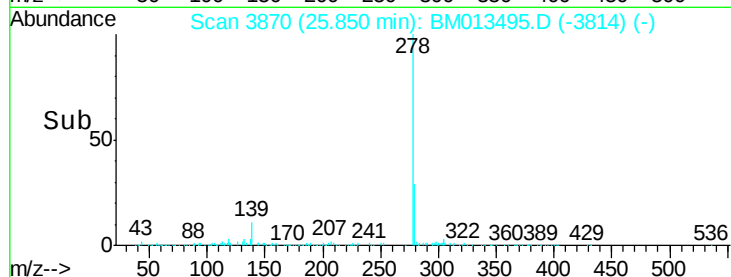
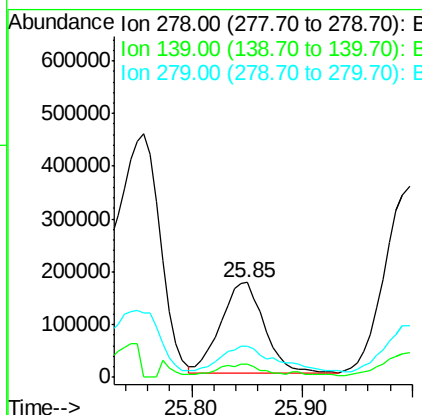
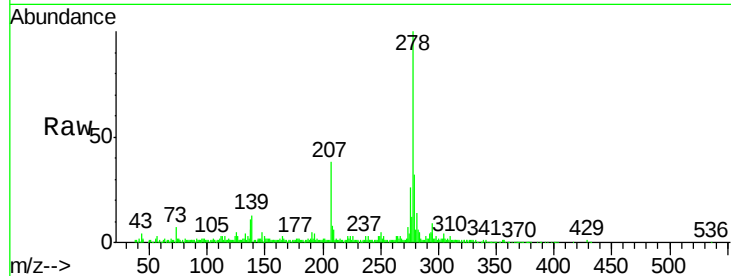


#90

Dibenzo(a,h)anthracene
 Concen: 163.190 ng/ul
 RT: 25.85 min Scan# 3870
 Delta R.T. 0.13 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Instrument :
 BNA_M
 ClientSampleId :
 F9A79ME

Tgt Ion:278 Resp: 467876
 Ion Ratio Lower Upper
 278 100
 139 13.5 5.8 8.8#
 279 32.5 18.6 27.8#



#91

Benzo(g,h,i)perylene
 Concen: 1389.671 ng/ul
 RT: 26.44 min Scan# 3971
 Delta R.T. 0.05 min
 Lab File: BM013495.D
 Acq: 18 Dec 2017 13:01

Tgt Ion:276 Resp: 3690855
 Ion Ratio Lower Upper
 276 100
 138 14.9 8.5 12.7#
 277 24.0 18.6 28.0

