

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013890.D
 Acq On : 27 Jan 2018 18:43
 Operator : SJ/JU
 Sample : J1243-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B26

Quant Time: Jan 28 01:06:38 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 28 01:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	117259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	438492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	259589	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	623225	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	750818	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	761690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11719	3.95	ng/uL	0.00
5) Phenol-d5	6.77	99	199417	22.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125279	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	170235	23.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	161375	23.32	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	79482	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	90224	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	160548	23.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	173055	28.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	512411	23.95	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	661175	24.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	60869	17.51	ng/ul	0.00
57) Fluorene-d10	15.23	176	470330	25.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	67161	17.90	ng/ul	0.00
70) Anthracene-d10	16.99	188	623225	20.53	ng/ul	-0.09
76) Pyrene-d10	19.39	212	866158	24.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	892919	25.51	ng/ul	0.00

Target Compounds

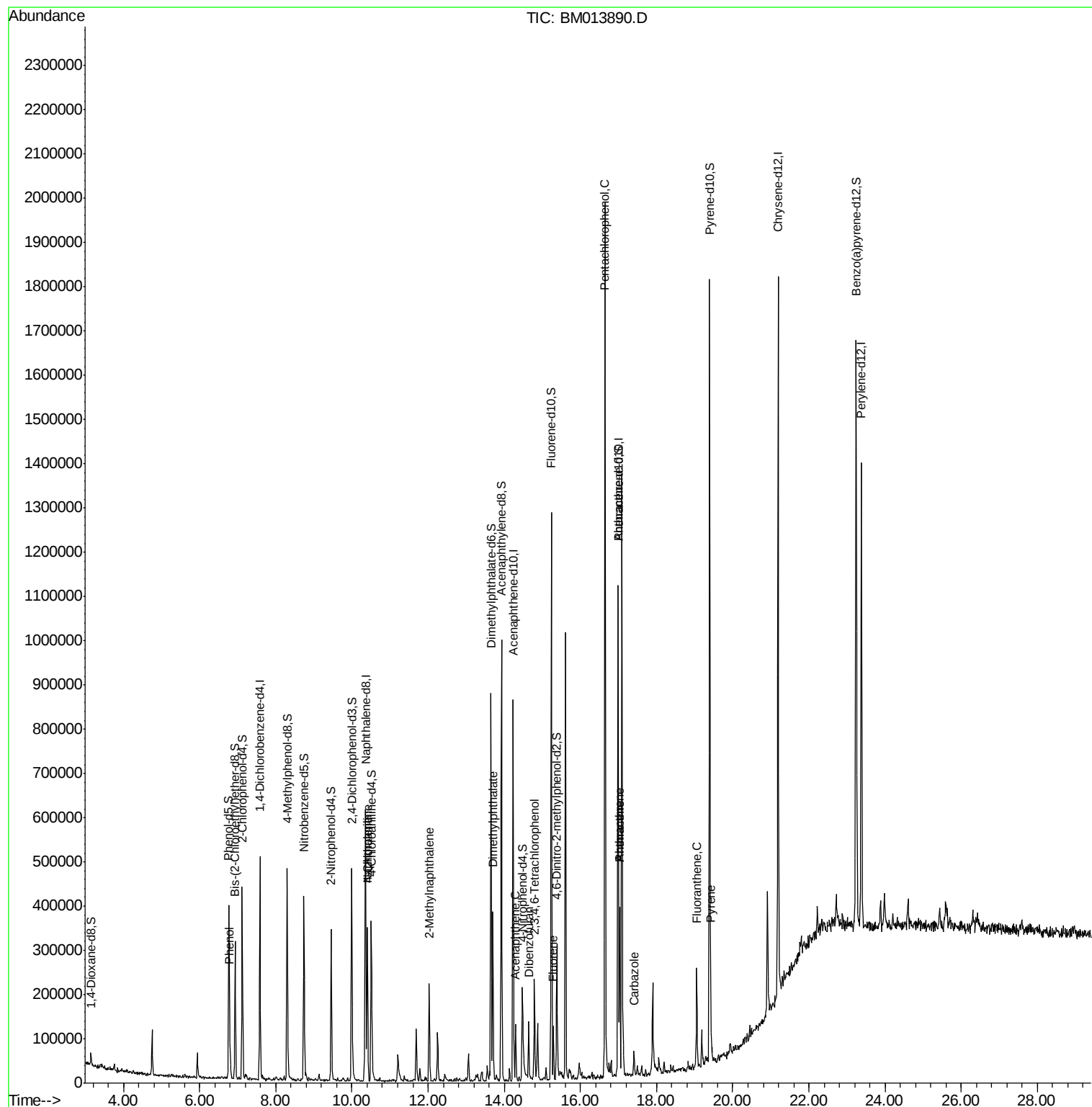
					Ovalue	
6) Phenol	6.79	94	23244	2.574	ng/ul	91
28) Naphthalene	10.40	128	246264	11.289	ng/ul	99
30) 4-Chloroaniline	10.40	127	31470	5.267	ng/ul#	12
34) 2-Methylnaphthalene	12.03	142	100972	6.208	ng/ul	95
44) Dimethylphthalate	13.70	163	224462	10.671	ng/ul#	97
49) Acenaphthene	14.30	153	48431	2.801	ng/ul	96
53) Dibenzofuran	14.64	168	75510	2.903	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.79	232	45214	8.297	ng/ul	93
58) Fluorene	15.29	166	46244	2.171	ng/ul	91
68) Pentachlorophenol	16.64	266	316149	75.087	ng/ul	97
69) Phenanthrene	17.03	178	225322	6.504	ng/ul	96
71) Anthracene	17.03	178	225322	6.306	ng/ul	98
72) Carbazole	17.41	167	32100	1.088	ng/ul#	94
74) Fluoranthene	19.06	202	121048	2.927	ng/ul#	95
77) Pyrene	19.42	202	83159	1.822	ng/ul#	92

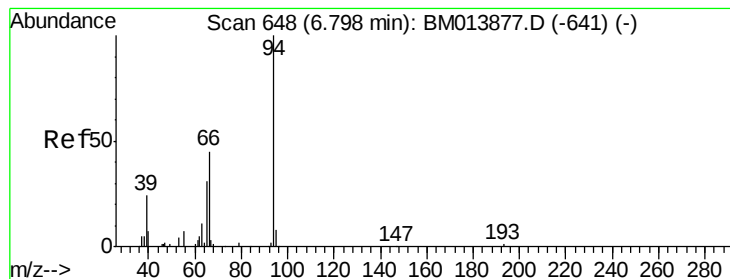
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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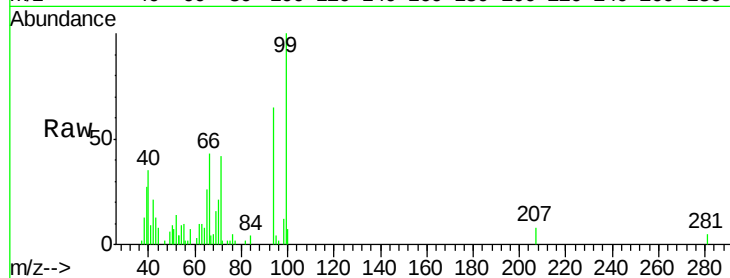
#6

Phenol

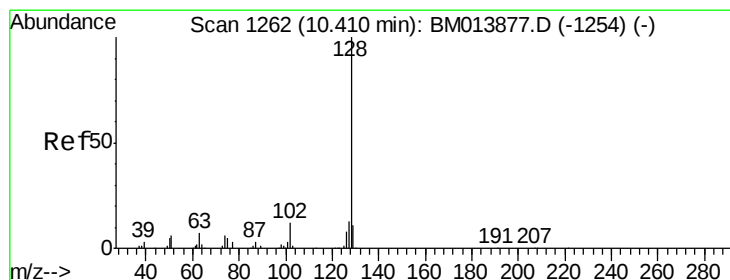
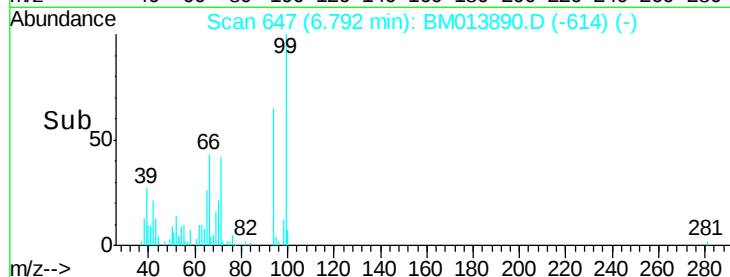
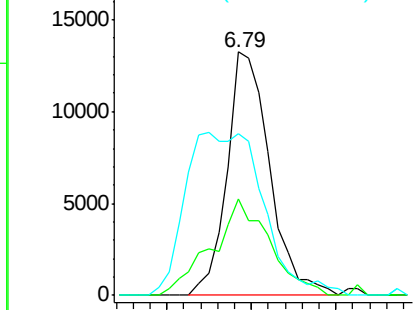
Concen: 2.574 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Instrument :
 BNA_M
 ClientSampleId :
 F6B26

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.7	28.2	42.4
66	66.6	47.2	70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013877.D (-641) (-)
 Ion 65.00 (64.70 to 65.70): BM013877.D (-641) (-)
 Ion 66.00 (65.70 to 66.70): BM013877.D (-641) (-)

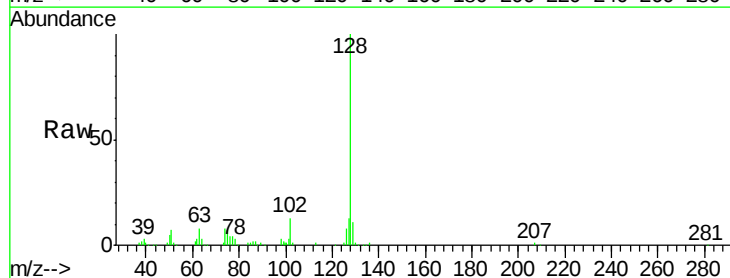


#28

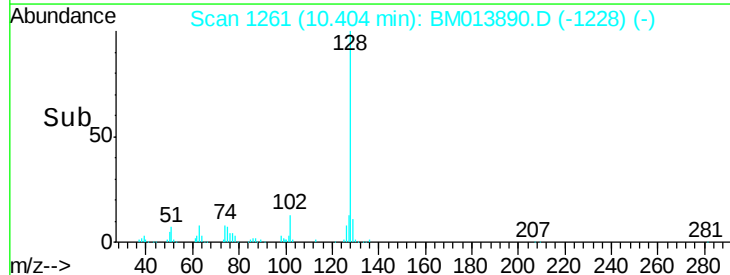
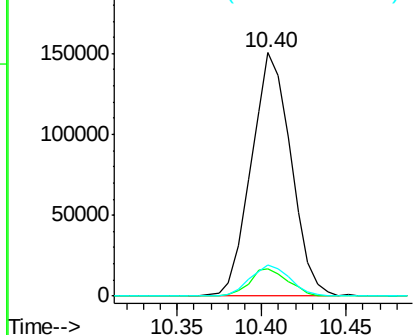
Naphthalene

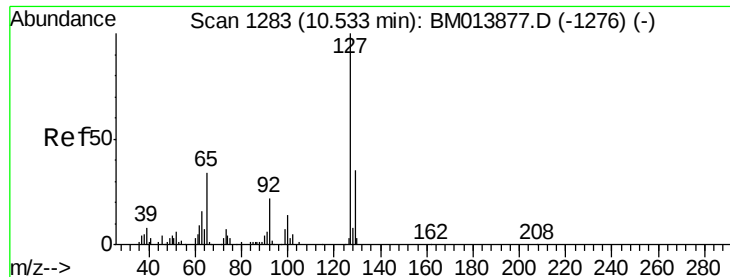
Concen: 11.289 ng/ul
 RT: 10.40 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): BM013877.D (-1254) (-)
 Ion 129.00 (128.70 to 129.70): BM013877.D (-1254) (-)
 Ion 127.00 (126.70 to 127.70): BM013877.D (-1254) (-)

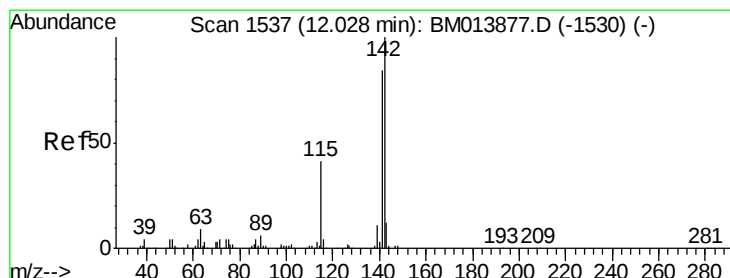
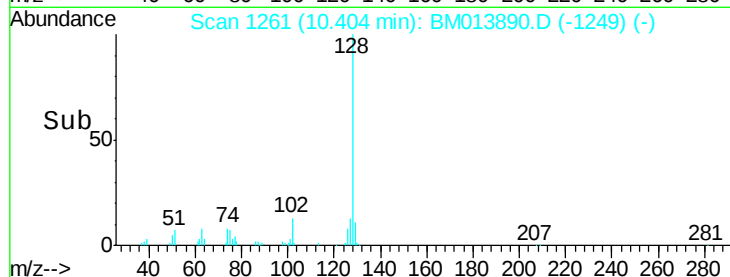
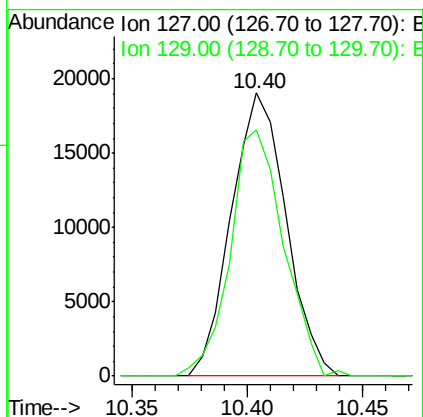
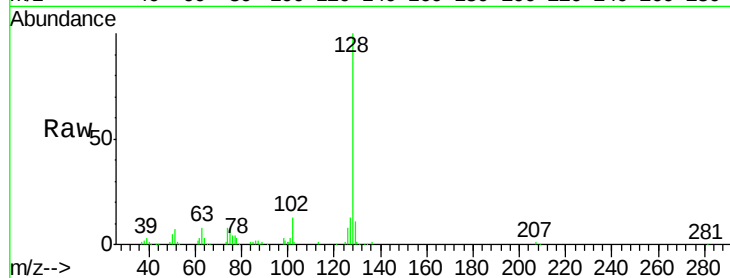




#30
4-Chloroaniline
Concen: 5.267 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.13 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

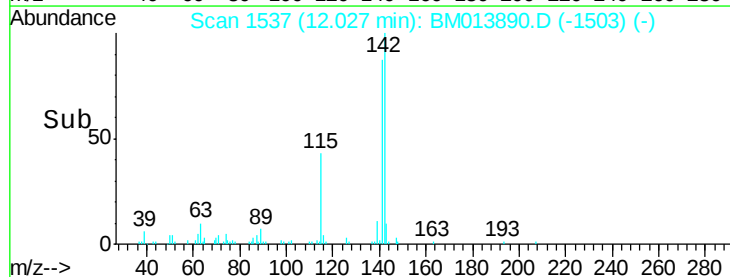
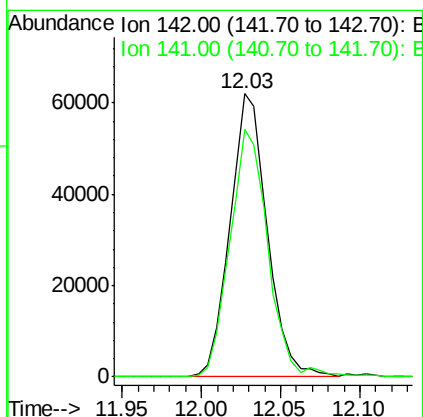
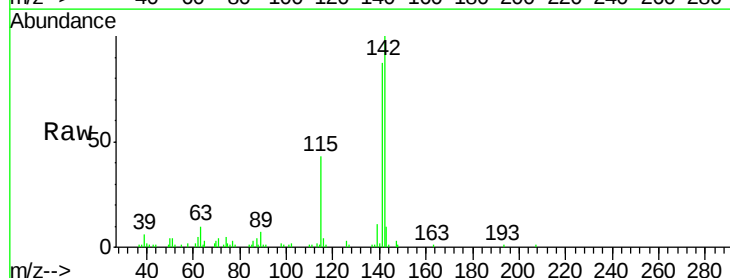
Instrument :
BNA_M
ClientSampleId :
F6B26

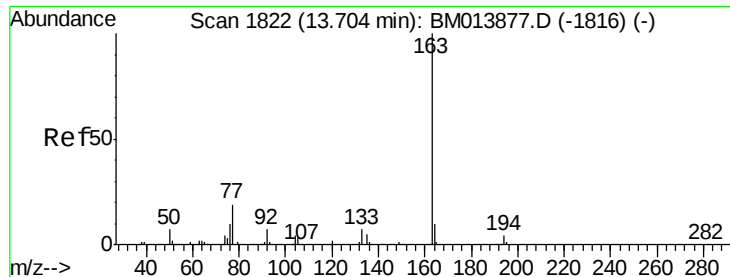
Tot Ion:127 Resp: 31470
Ion Ratio Lower Upper
127 100
129 86.8 28.4 42.6#



#34
2-Methylnaphthalene
Concen: 6.208 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

Tgt Ion:142 Resp: 100972
Ion Ratio Lower Upper
142 100
141 87.5 74.1 111.1

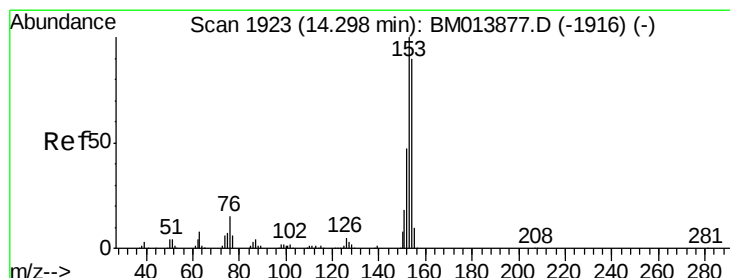
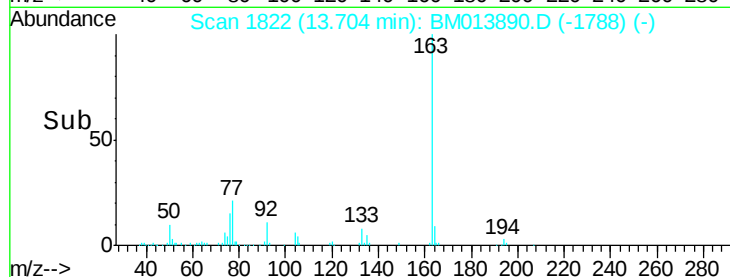
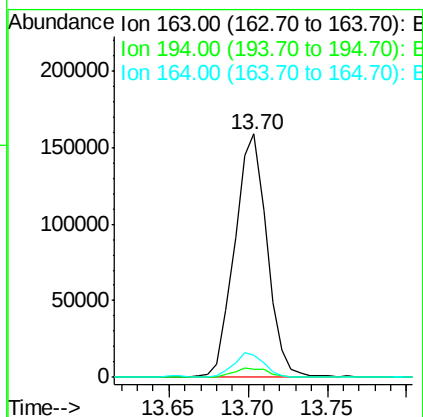
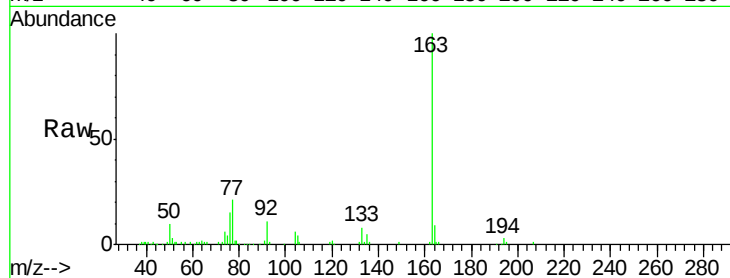




#44
Dimethylphthalate
Concen: 10.671 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

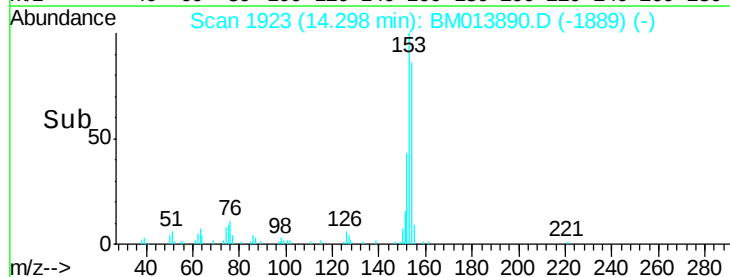
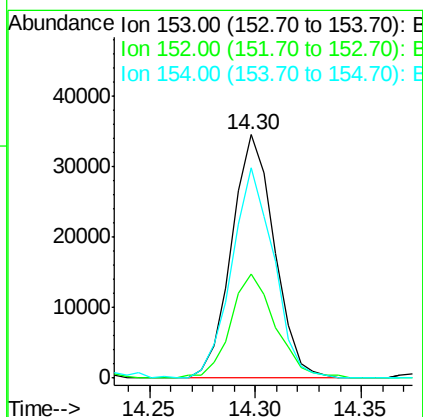
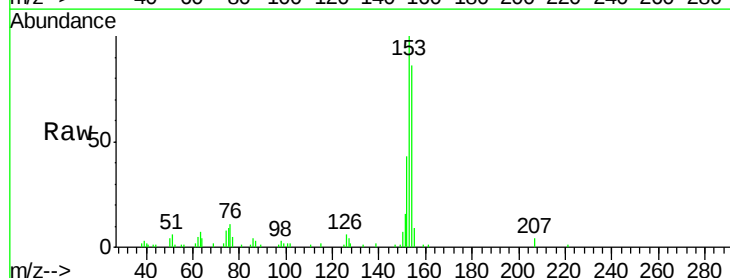
Instrument :
BNA_M
ClientSampleId :
F6B26

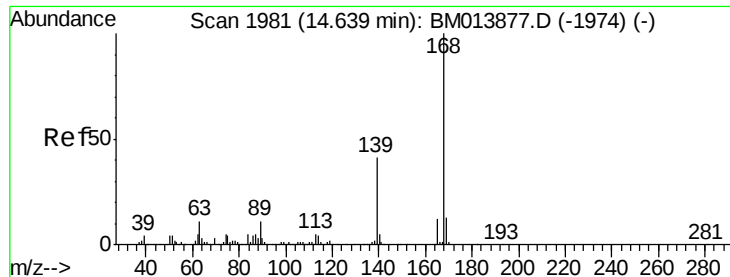
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	9.0	8.2	12.4



#49
Acenaphthene
Concen: 2.801 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	42.6	37.6	56.4
154	86.2	70.4	105.6





#53

Dibenzofuran

Concen: 2.903 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

ClientSampled :

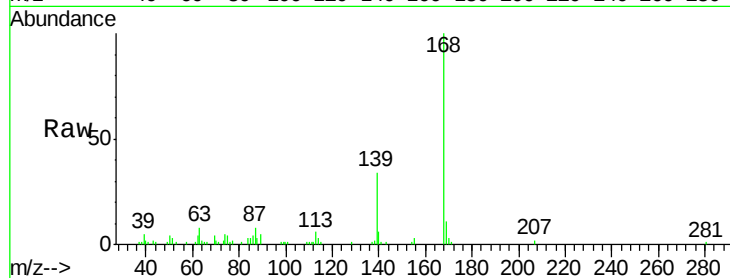
F6B26

Tot Ion:168 Resp: 75510

Ion Ratio Lower Upper

168 100

139 34.4 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.64

60000

50000

40000

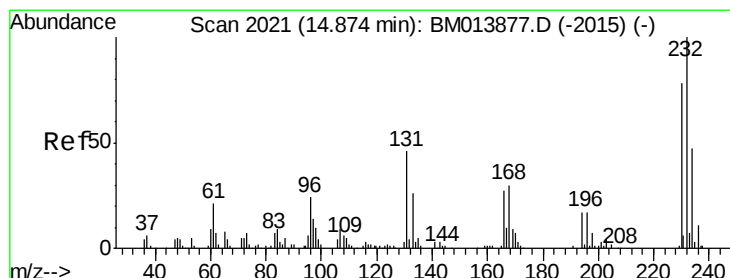
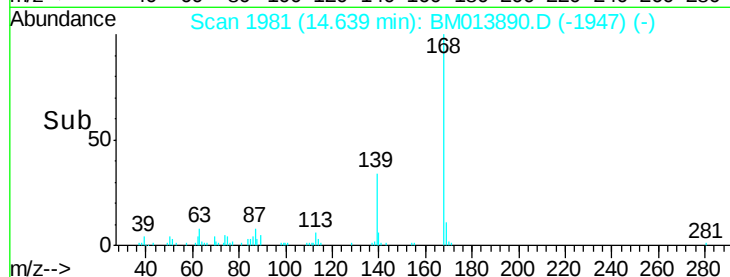
30000

20000

10000

0

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 8.297 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.08 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Tgt Ion:232 Resp: 45214

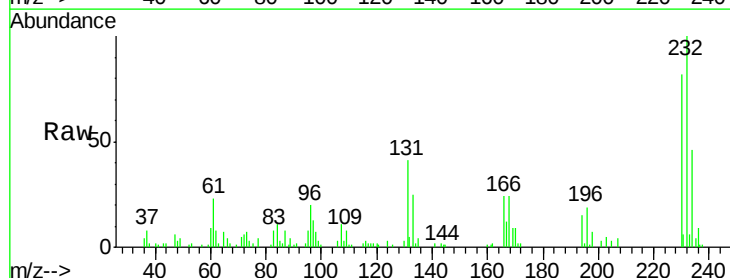
Ion Ratio Lower Upper

232 100

131 41.3 29.0 43.4

130 2.9 2.0 3.0

166 23.6 21.4 32.2



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

50000

40000

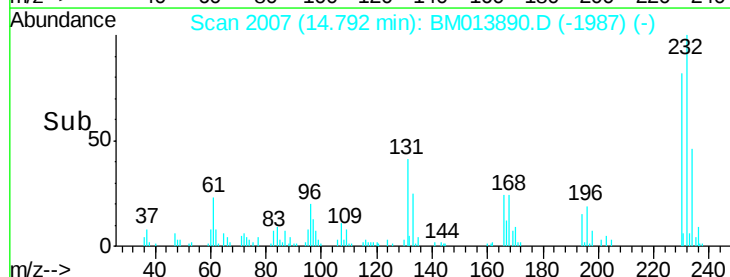
30000

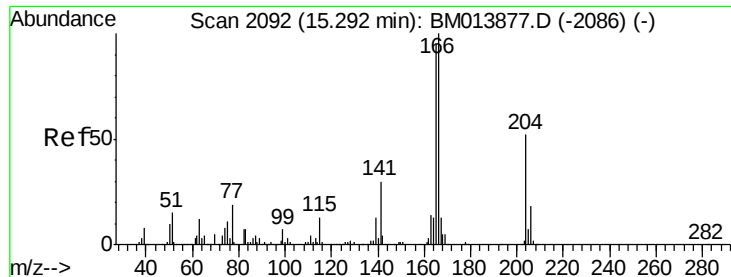
20000

10000

0

Time-->





#58

Fluorene

Concen: 2.171 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

ClientSampleId :

F6B26

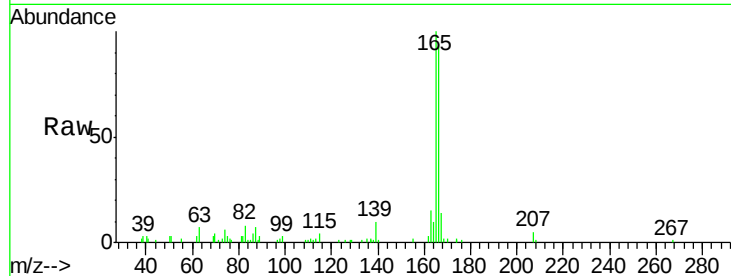
Tot Ion:166 Resp: 46244

Ion Ratio Lower Upper

166 100

165 106.9 77.9 116.9

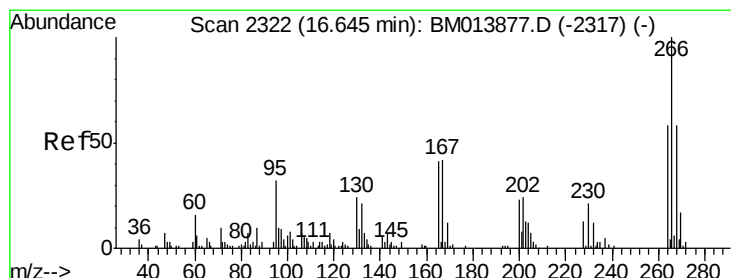
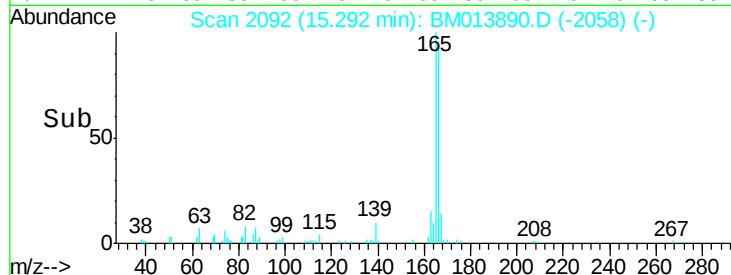
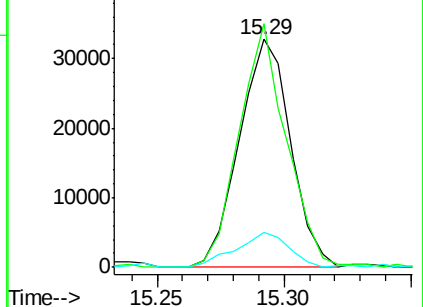
167 15.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol

Concen: 75.087 ng/ul

RT: 16.64 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

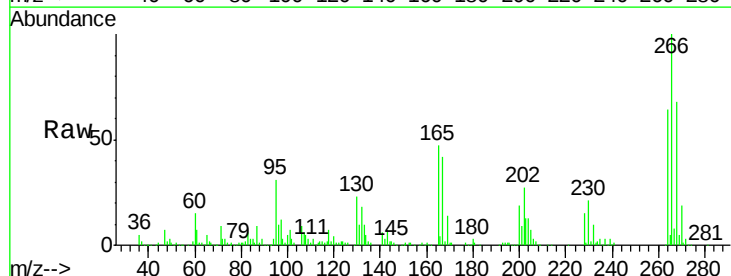
Tgt Ion:266 Resp: 316149

Ion Ratio Lower Upper

266 100

264 63.6 49.3 73.9

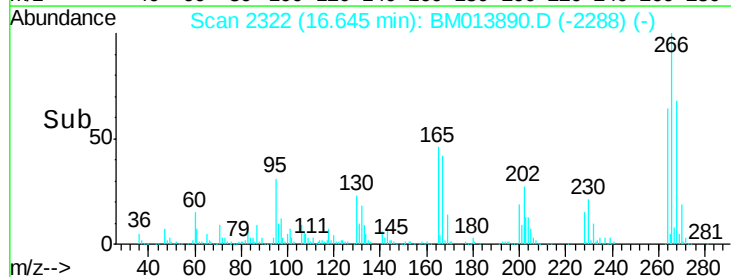
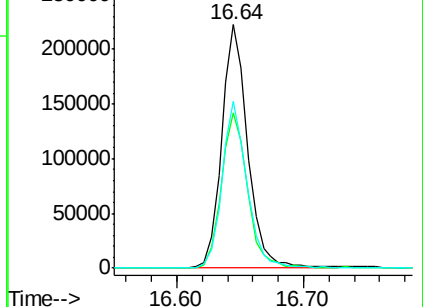
268 68.4 52.6 78.8

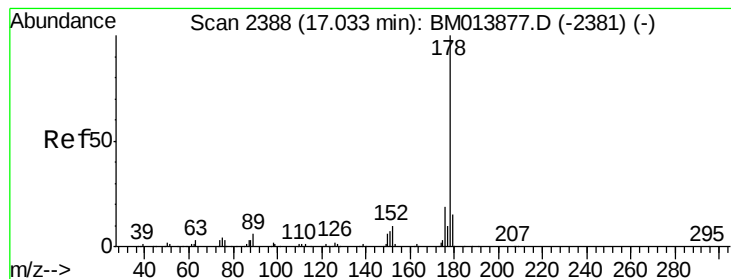


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

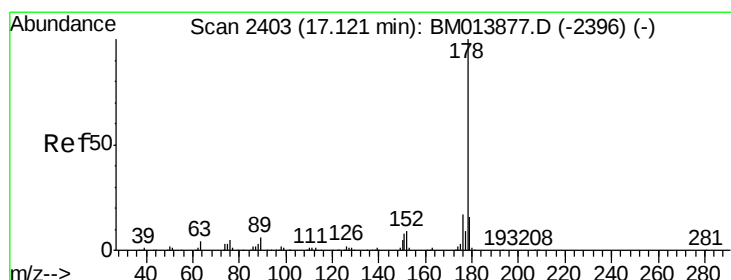
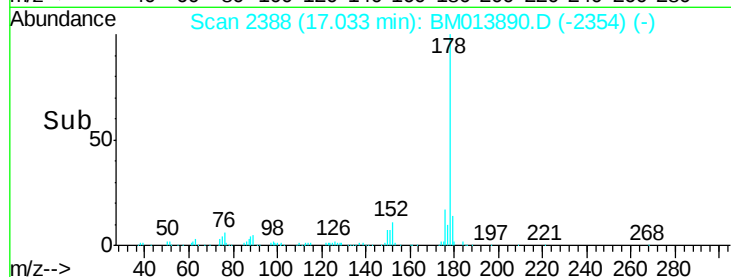
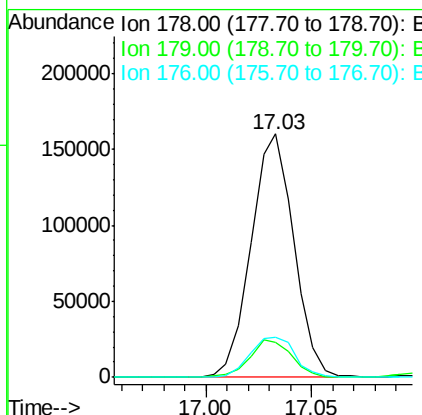
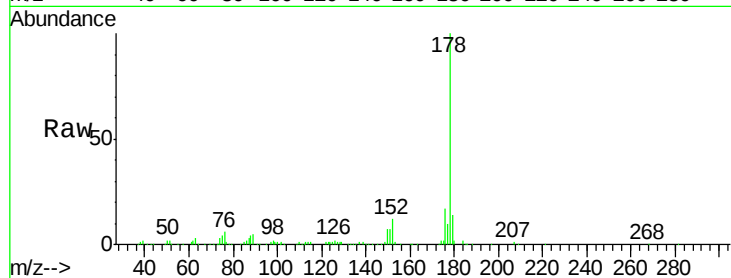




#69
Phenanthrene
Concen: 6.504 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

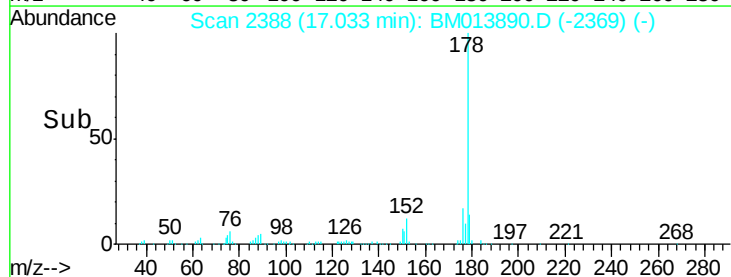
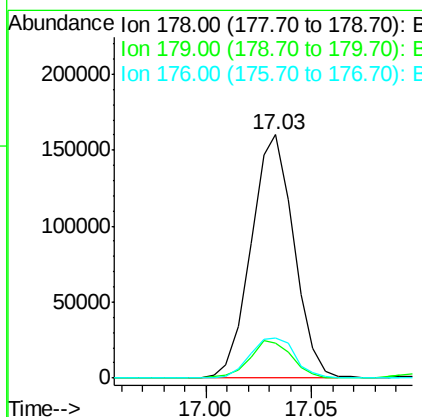
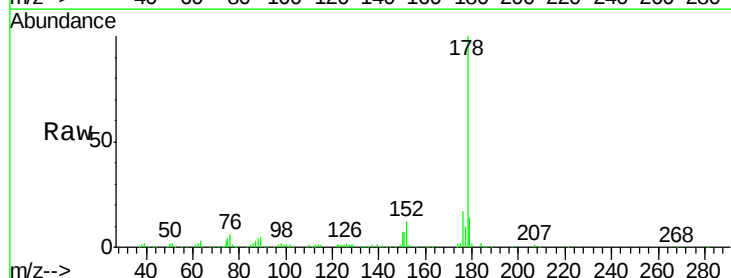
Instrument :
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ClientSampleId :
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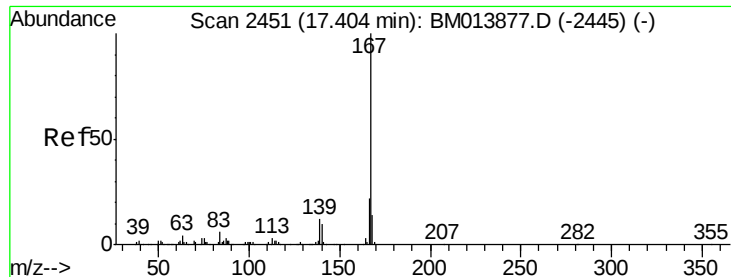
Tot Ion:178 Resp: 225322
Ion Ratio Lower Upper
178 100
179 14.5 12.6 19.0
176 16.7 14.9 22.3



#71
Anthracene
Concen: 6.306 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.09 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

Tgt Ion:178 Resp: 225322
Ion Ratio Lower Upper
178 100
179 14.5 11.7 17.5
176 16.7 14.6 21.8





#72

Carbazole

Concen: 1.088 ng/ul

RT: 17.41 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

ClientSampleId :

F6B26

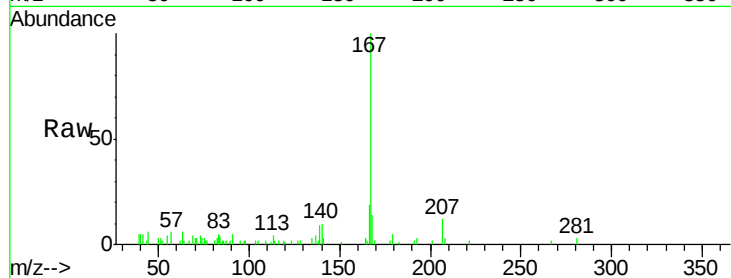
Tot Ion:167 Resp: 32100

Ion Ratio Lower Upper

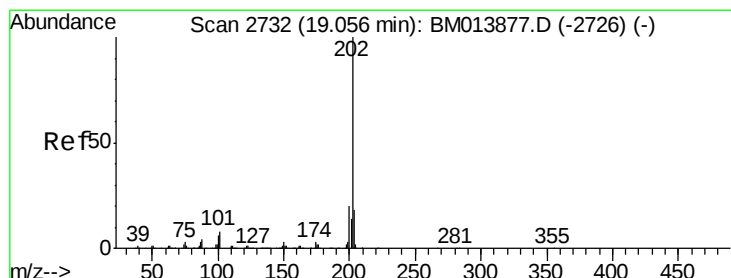
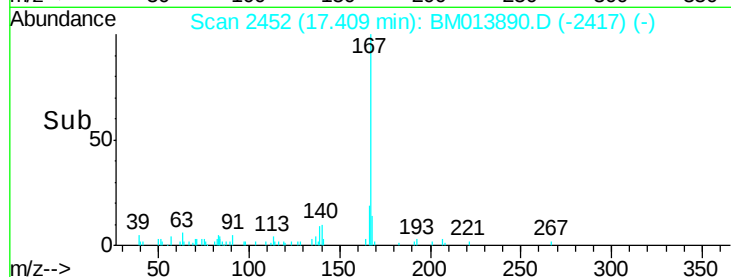
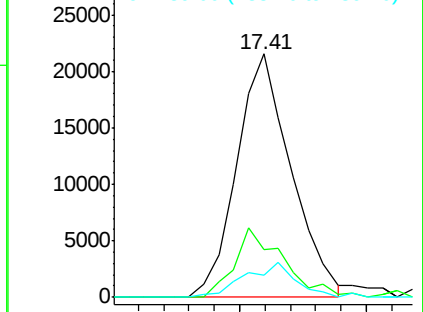
167 100

166 19.5 17.1 25.7

139 9.4 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: 2.927 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

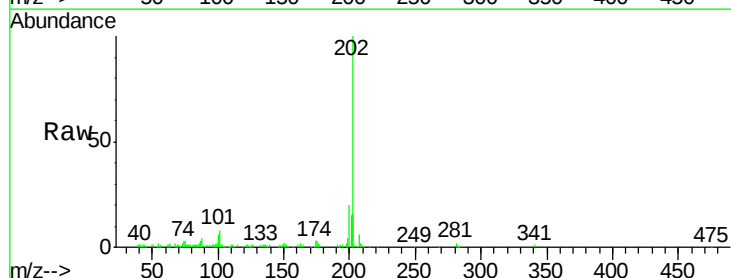
Tgt Ion:202 Resp: 121048

Ion Ratio Lower Upper

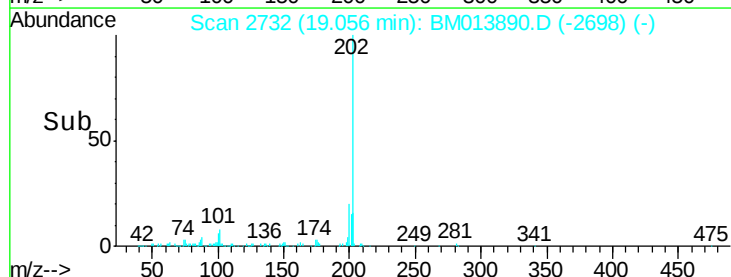
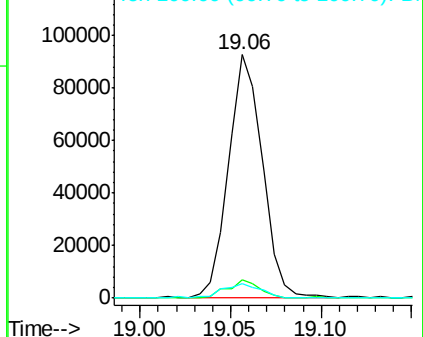
202 100

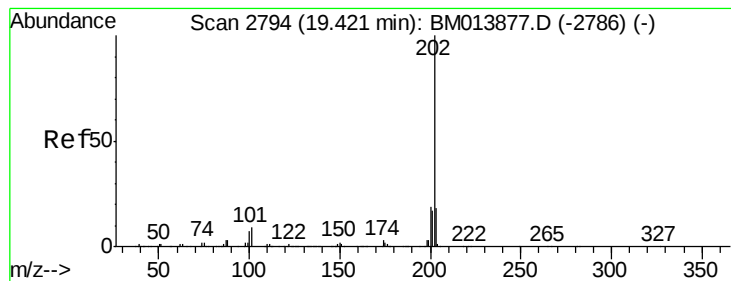
101 7.5 4.6 7.0#

100 6.0 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

Pvrene

Concen: 1.822 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

ClientSampleId :

F6B26

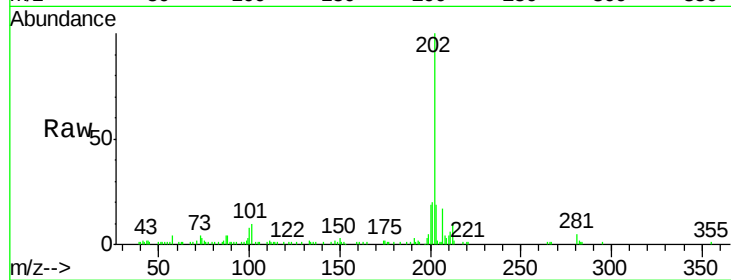
Tot Ion:202 Resp: 83159

Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

100 8.1 4.9 7.3#



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

