

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013454.D
 Acq On : 16 Dec 2017 00:31
 Operator : SJ/JU
 Sample : I6779-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A88

Quant Time: Dec 18 17:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	181372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	761418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	466818	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1123230	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1231626	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1028132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18663	5.10	ng/uL	0.00
5) Phenol-d5	6.85	99	499243	31.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	275565	30.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	409109	33.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	429754	32.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	199308	33.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	215121	33.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	431826	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	256873	20.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1375078	33.10	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1708332	33.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	210403	29.15	ng/ul	0.00
57) Fluorene-d10	15.32	176	1179688	33.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	174120	24.64	ng/ul	0.00
70) Anthracene-d10	17.17	188	1919214	34.12	ng/ul	0.00
76) Pyrene-d10	19.46	212	2226712	36.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1796693	34.31	ng/ul	0.00

Target Compounds

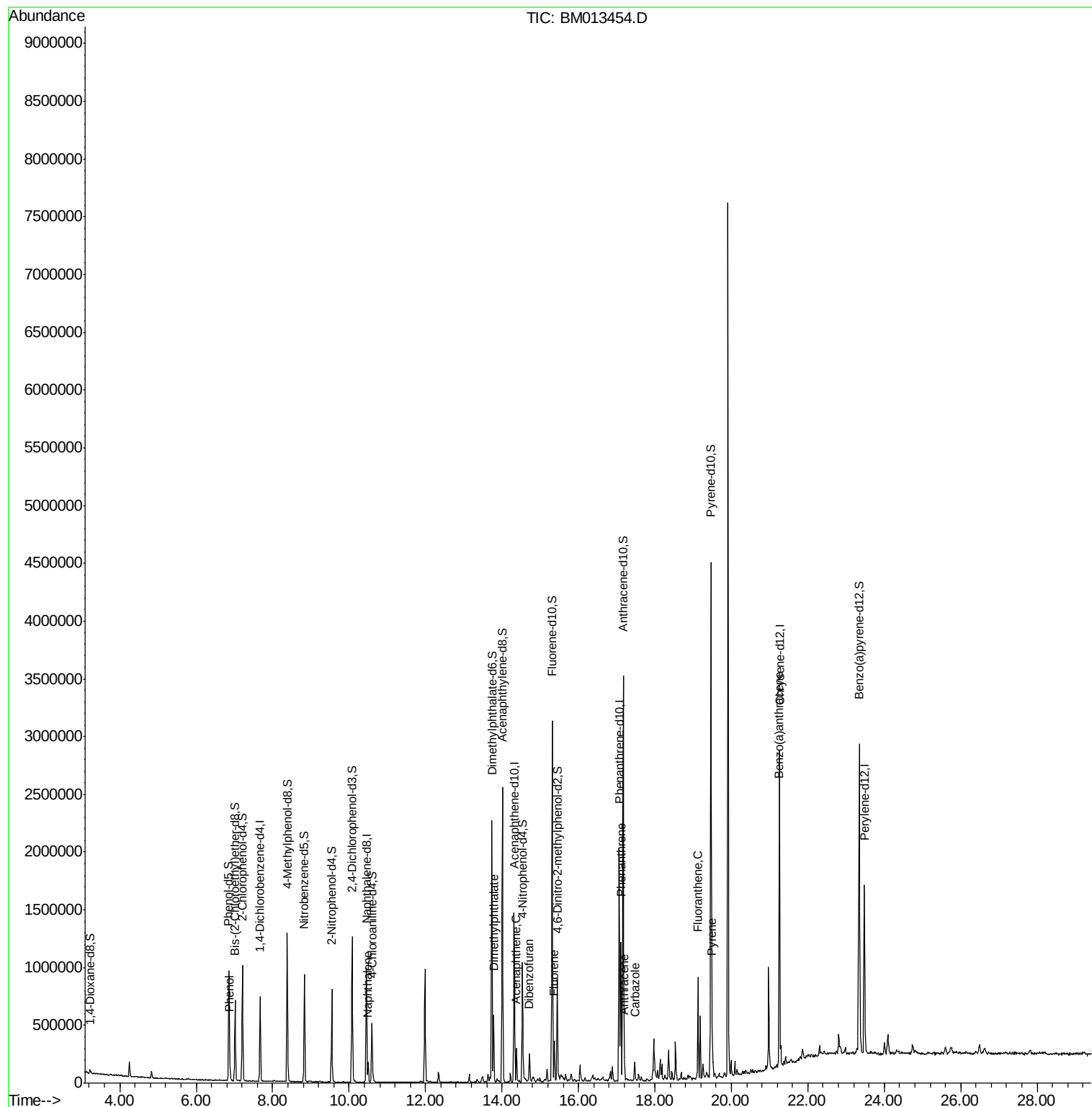
					Ovalue
6) Phenol	6.88	94	42933	2.768 ng/ul	95
28) Naphthalene	10.50	128	138391	3.533 ng/ul	97
44) Dimethylphthalate	13.78	163	326388	8.215 ng/ul	99
49) Acenaphthene	14.38	153	114430	3.541 ng/ul	98
53) Dibenzofuran	14.72	168	120529	2.526 ng/ul	97
58) Fluorene	15.37	166	133969	3.394 ng/ul	94
69) Phenanthrene	17.11	178	715905	11.219 ng/ul	99
71) Anthracene	17.20	178	98977	1.517 ng/ul	97
72) Carbazole	17.47	167	90446	1.612 ng/ul	98
74) Fluoranthene	19.13	202	482900	6.175 ng/ul#	93
77) Pyrene	19.49	202	341628	4.566 ng/ul#	93
80) Benzo(a)anthracene	21.24	228	113923	1.458 ng/ul	97

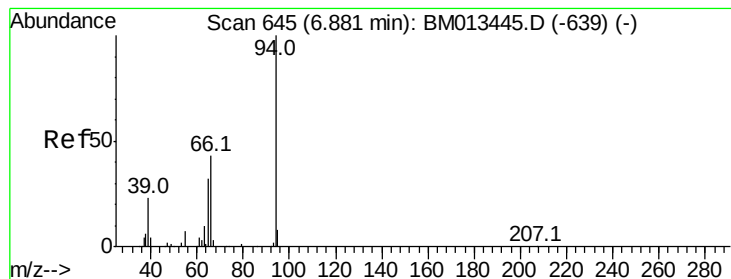
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.768 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

F9A88

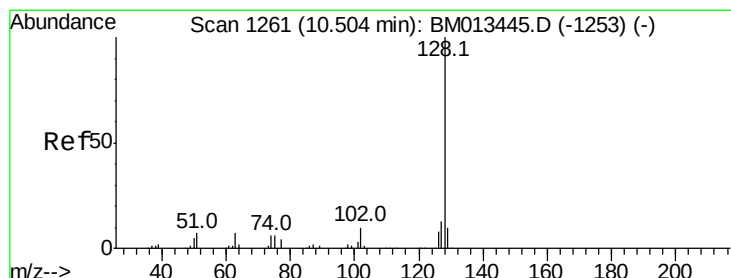
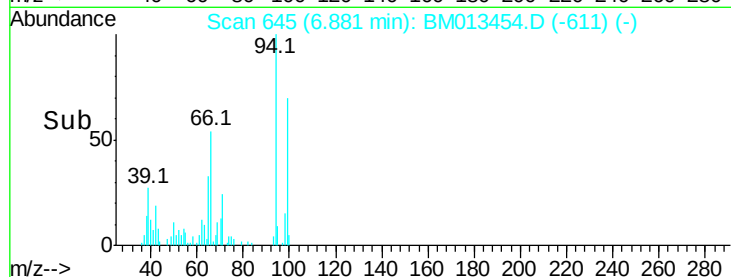
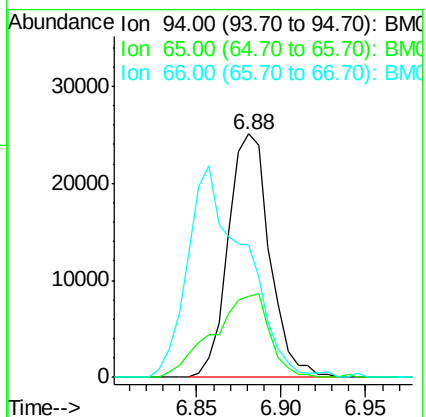
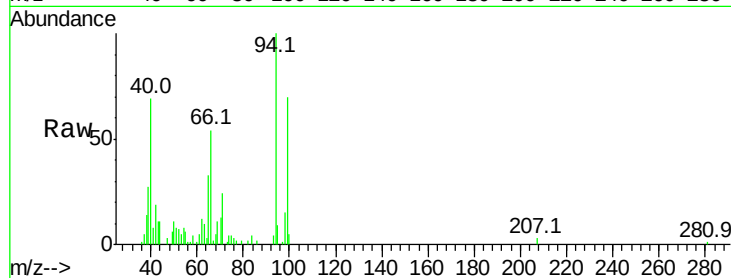
Tot Ion: 94 Resp: 42933

Ion Ratio Lower Upper

94 100

65 33.4 28.2 42.4

66 54.1 47.2 70.8



#28

Naphthalene

Concen: 3.533 ng/ul

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

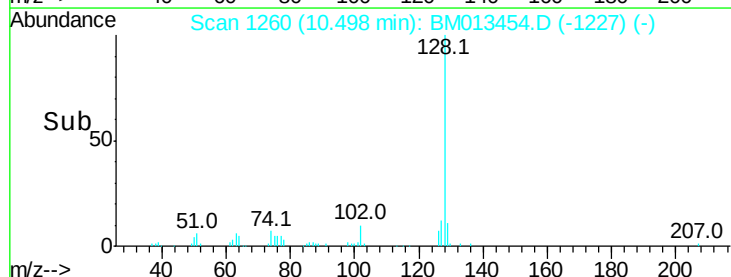
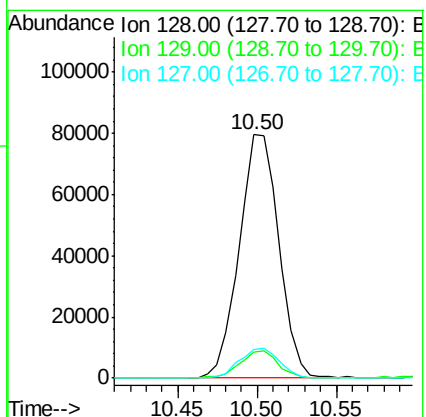
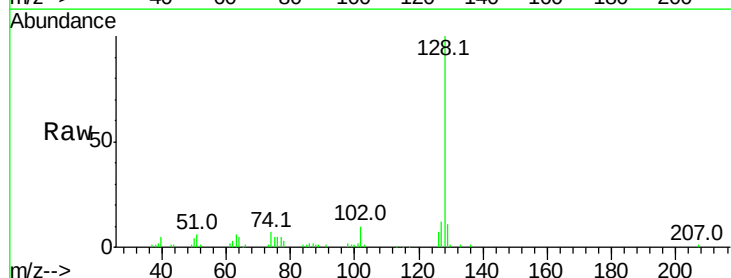
Tgt Ion: 128 Resp: 138391

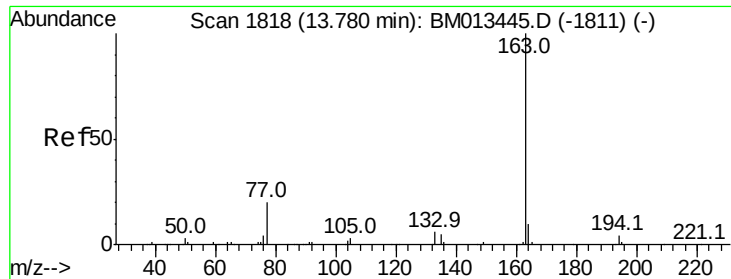
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 11.6 10.6 16.0

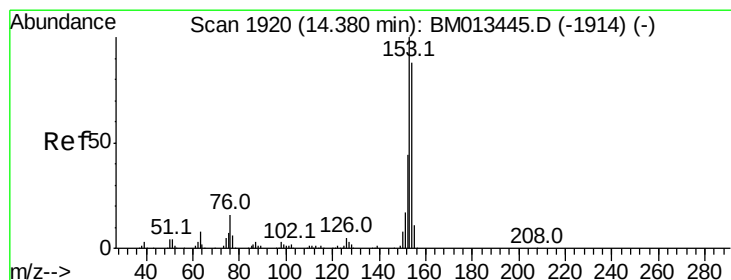
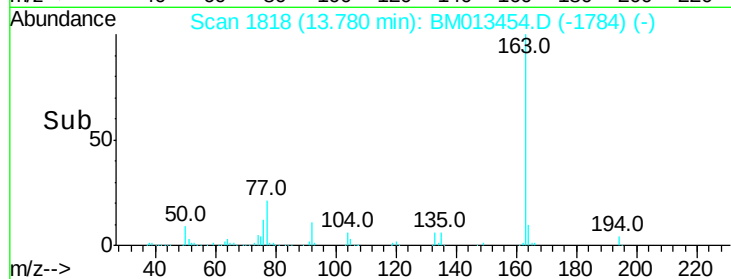
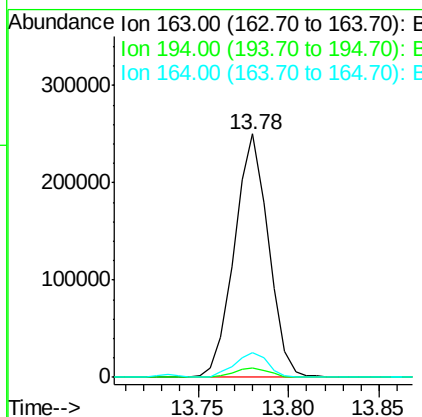
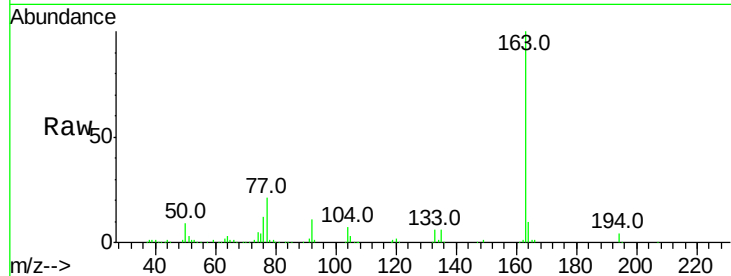




#44
Dimethylphthalate
Concen: 8.215 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013454.D
Acq: 16 Dec 2017 00:31

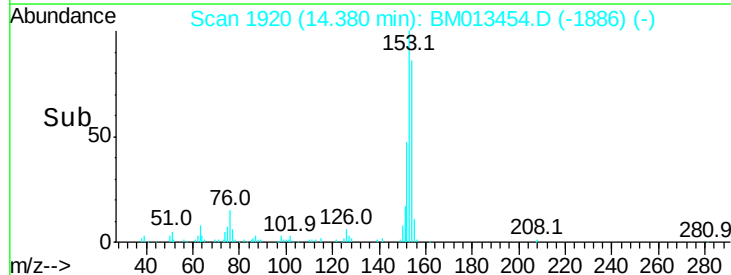
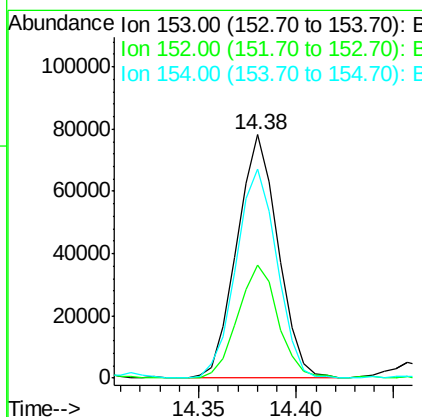
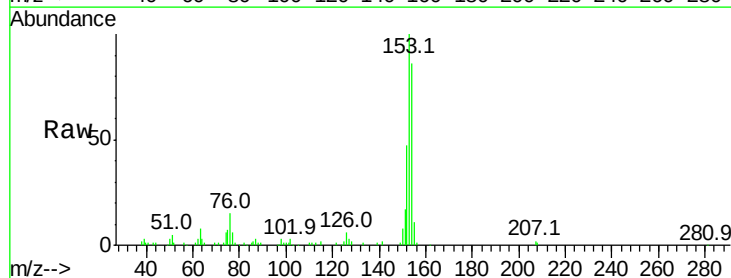
Instrument :
BNA_M
ClientSampleId :
F9A88

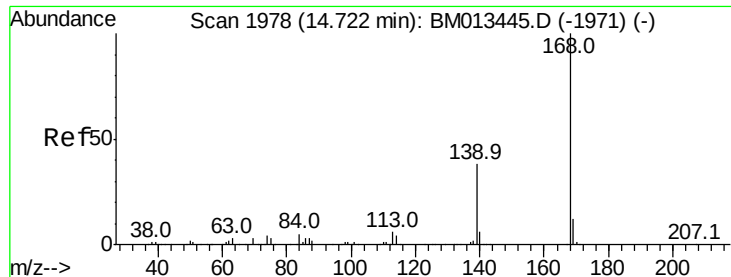
Tot Ion:163 Resp: 326388
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.9 8.2 12.4



#49
Acenaphthene
Concen: 3.541 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013454.D
Acq: 16 Dec 2017 00:31

Tgt Ion:153 Resp: 114430
Ion Ratio Lower Upper
153 100
152 46.7 37.6 56.4
154 85.8 70.4 105.6





#53

Dibenzenofuran

Concen: 2.526 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

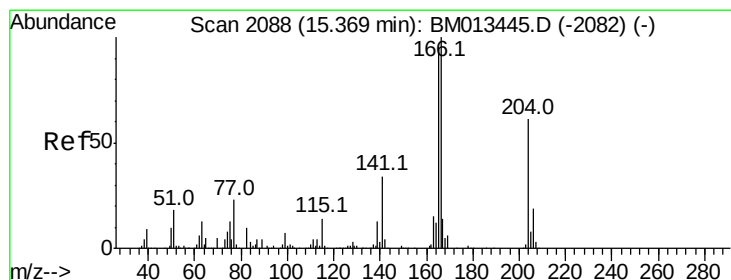
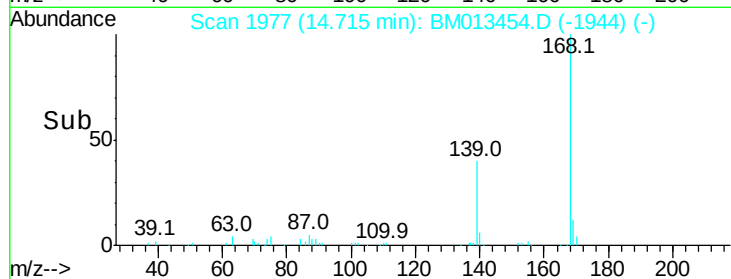
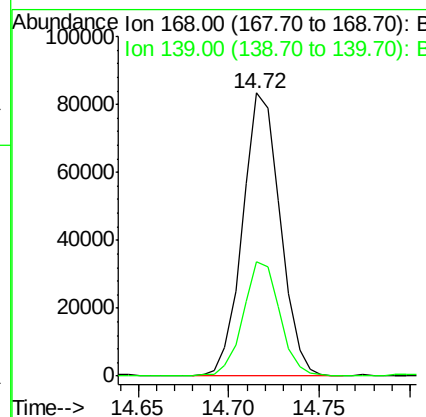
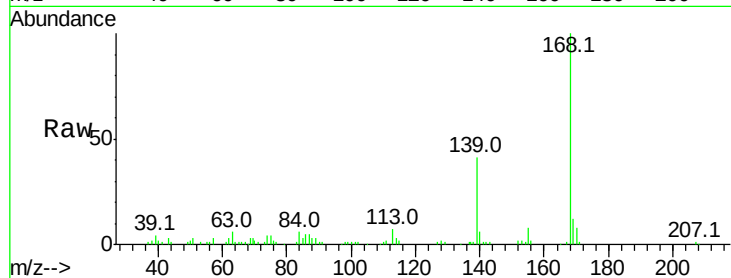
F9A88

Tot Ion:168 Resp: 120529

Ion Ratio Lower Upper

168 100

139 40.5 30.8 46.2



#58

Fluorene

Concen: 3.394 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

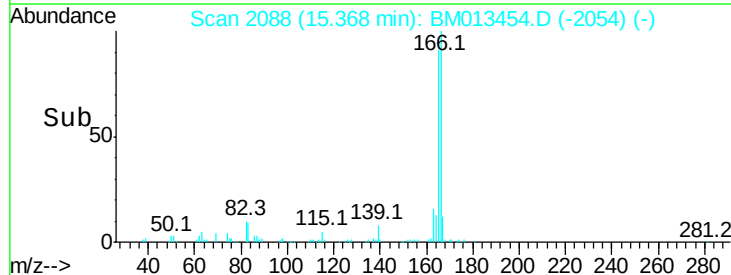
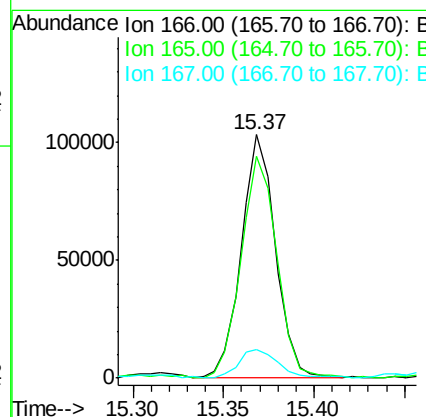
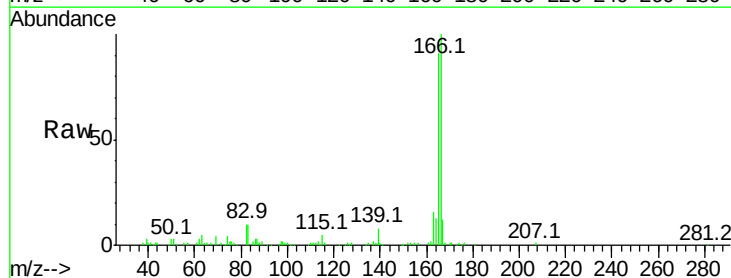
Tgt Ion:166 Resp: 133969

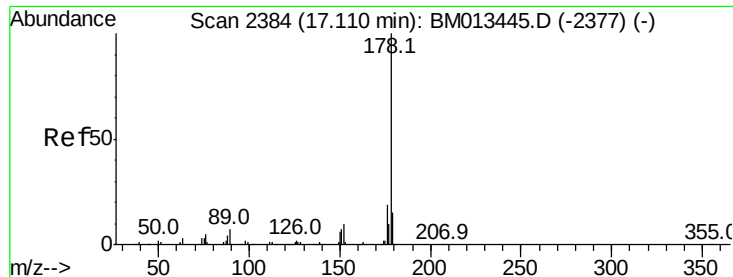
Ion Ratio Lower Upper

166 100

165 91.3 77.9 116.9

167 11.6 10.6 16.0





#69

Phenanthrene

Concen: 11.219 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

F9A88

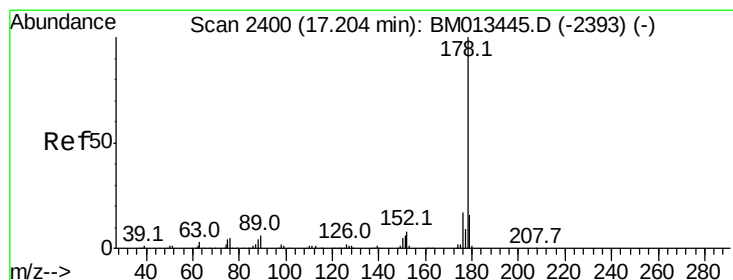
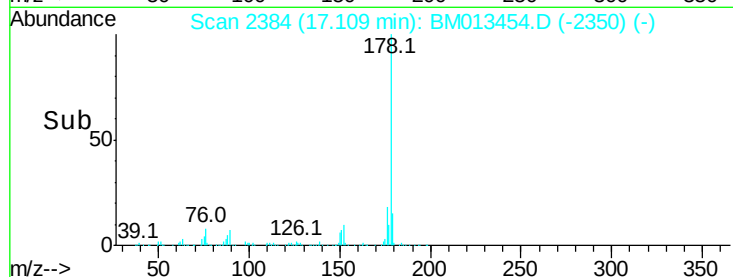
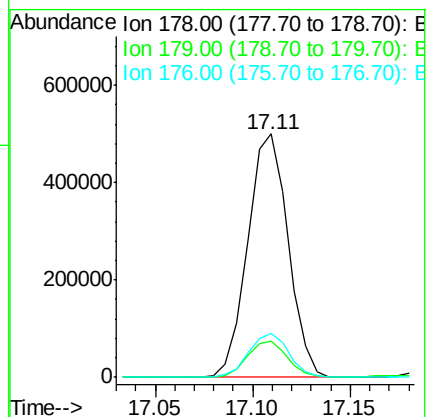
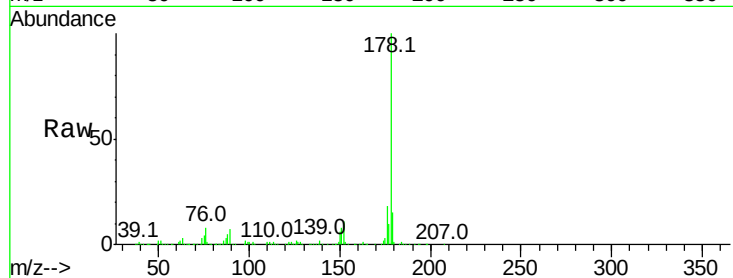
Tot Ion:178 Resp: 715905

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.1	14.9	22.3

178 100

179 15.1 12.6 19.0

176 18.1 14.9 22.3



#71

Anthracene

Concen: 1.517 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

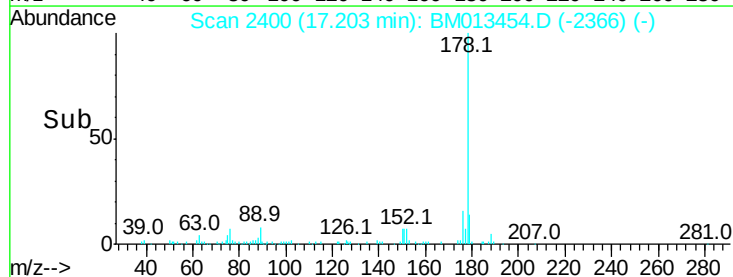
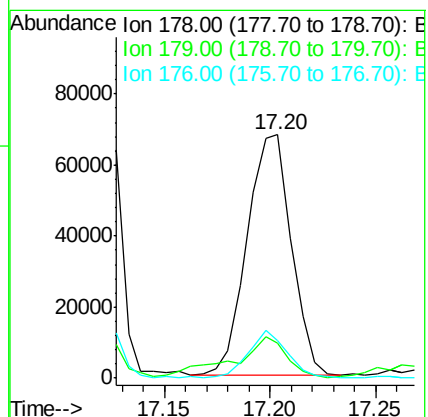
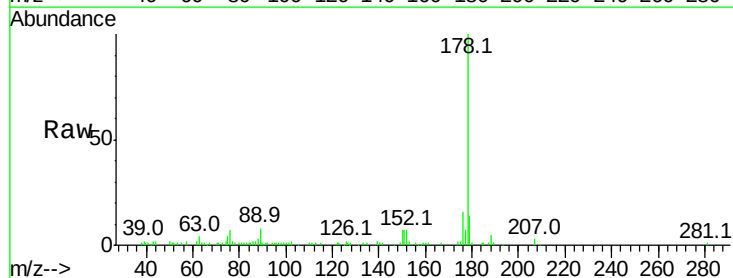
Tgt Ion:178 Resp: 98977

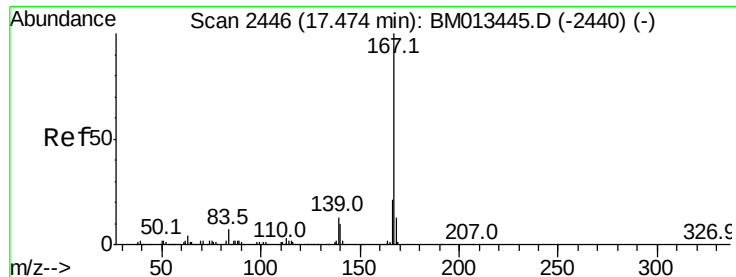
Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.7	17.5
176	15.7	14.6	21.8

178 100

179 14.4 11.7 17.5

176 15.7 14.6 21.8





#72

Carbazole

Concen: 1.612 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

F9A88

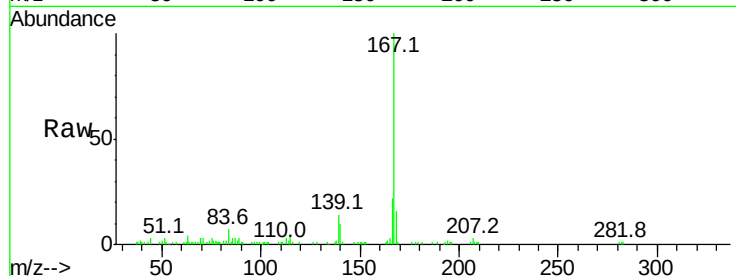
Tot Ion:167 Resp: 90446

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

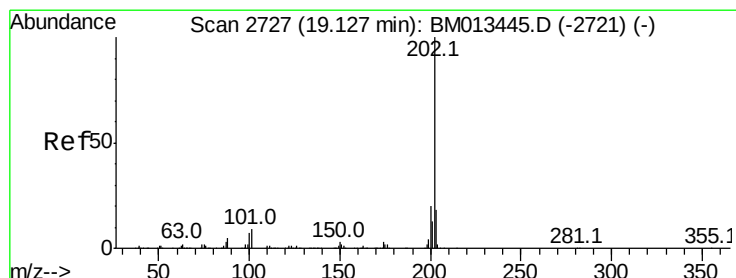
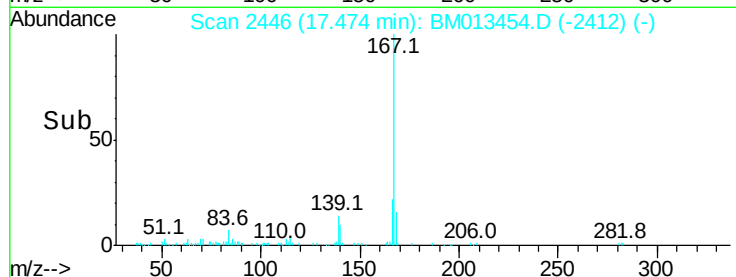
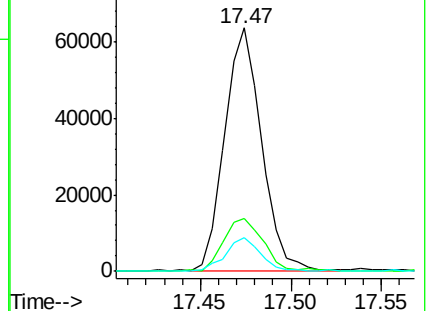
139 13.6 10.0 15.0



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: 6.175 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013454.D

Acq: 16 Dec 2017 00:31

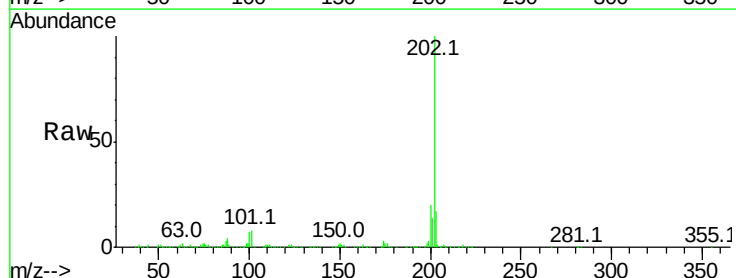
Tgt Ion:202 Resp: 482900

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

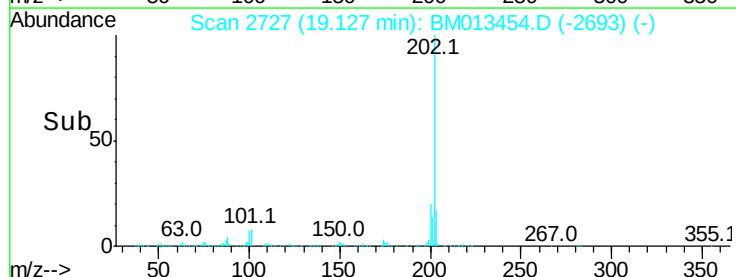
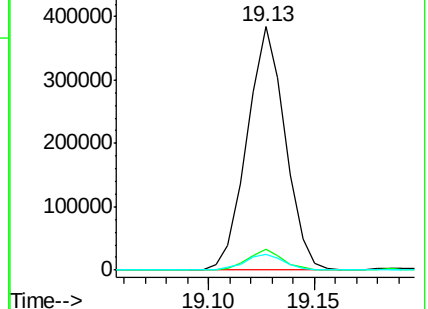
100 6.5 3.4 5.2#

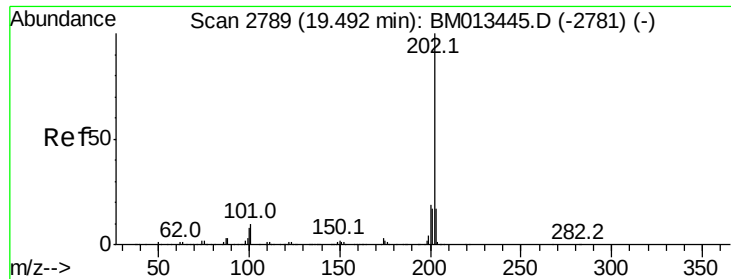


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

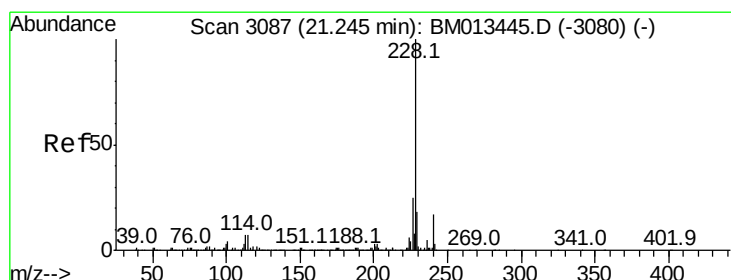
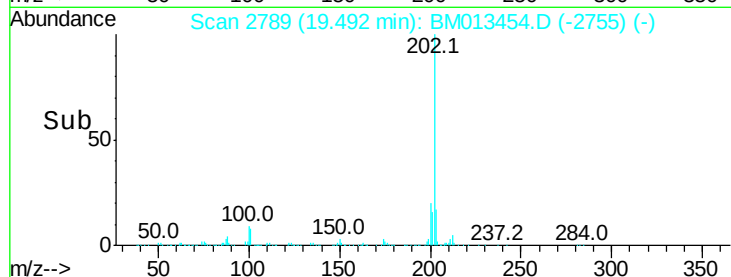
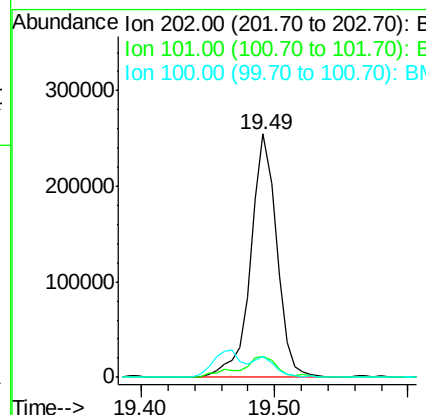
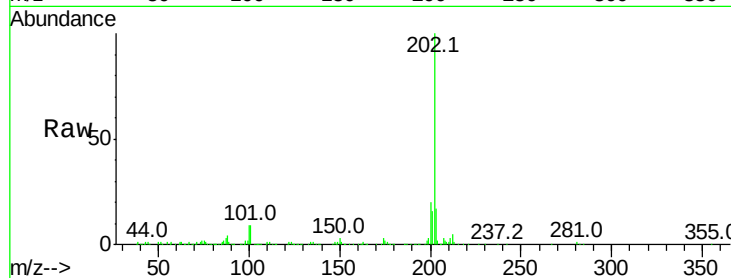




#77
 Pvrene
 Concen: 4.566 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013454.D
 Acq: 16 Dec 2017 00:31

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Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	8.7	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 1.458 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM013454.D
 Acq: 16 Dec 2017 00:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	26.2	21.4	32.0

