

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
 Data File : BM010564.D
 Acq On : 13 Jun 2017 17:29
 Operator : SJ/MA
 Sample : I3521-10MEDL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 14 01:47:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	98070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	323994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	226569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	599357	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	870520	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	938398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.07	99	10558	1.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	5996	1.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	11324	1.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	10558	1.76	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	4404	1.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	6789	2.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	12534	2.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	11856	2.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	43082	2.29	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	46117	2.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	4222	1.50	ng/ul	0.00
57) Fluorene-d10	15.51	176	43674	2.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	7255	1.71	ng/ul	0.00
70) Anthracene-d10	17.36	188	66206	2.27	ng/ul	0.00
76) Pyrene-d10	19.66	212	91315	2.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	102140	2.34	ng/ul	0.00

Target Compounds

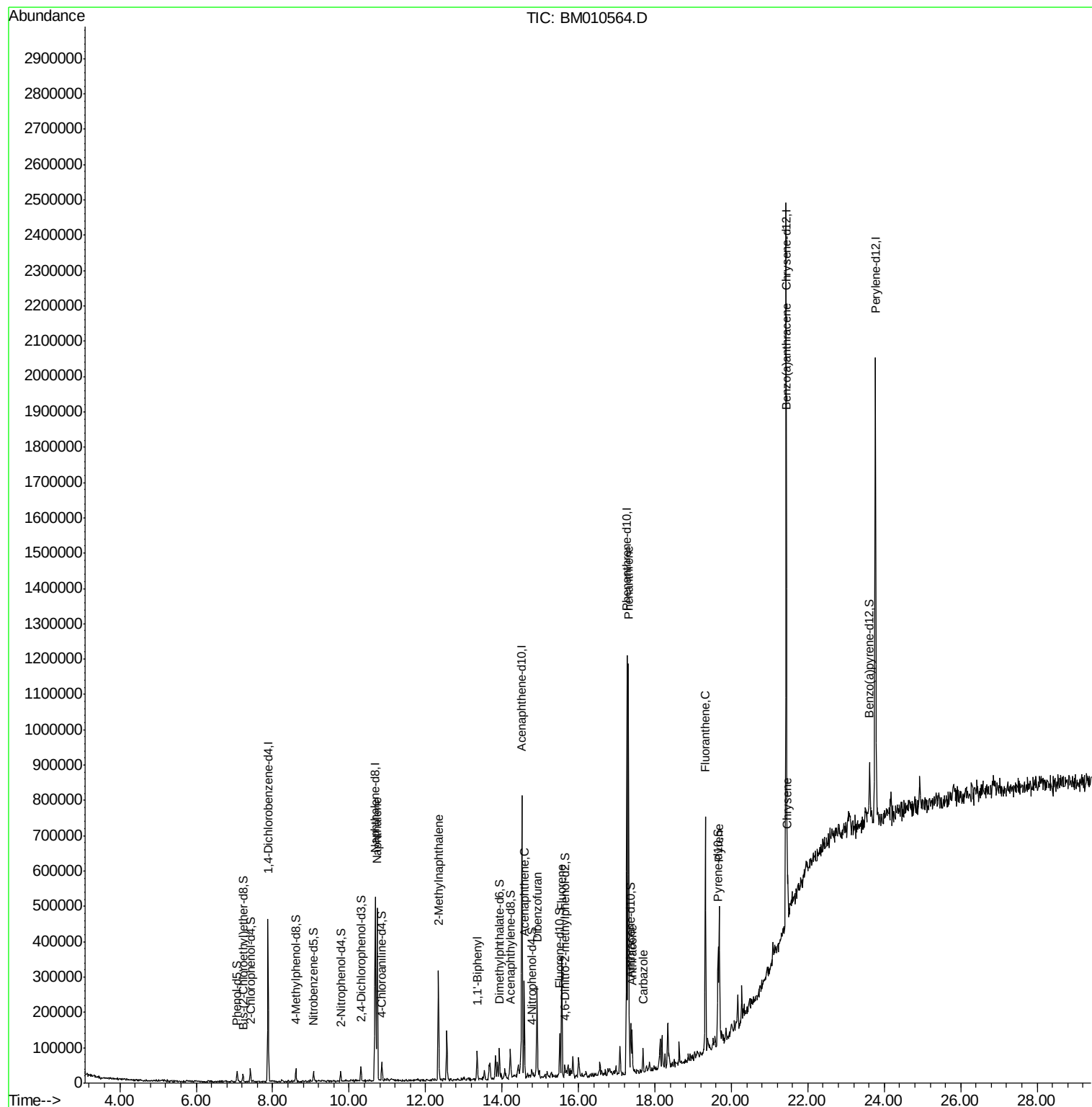
						Ovalue
28) Naphthalene	10.73	128	296663	18.26	ng/ul	100
34) 2-Methylnaphthalene	12.33	142	105129	8.53	ng/ul	90
40) 1,1'-Biphenyl	13.35	154	37865	2.06	ng/ul	96
49) Acenaphthene	14.59	153	92561	6.15	ng/ul	93
53) Dibenzofuran	14.92	168	132389	5.95	ng/ul	99
58) Fluorene	15.56	166	129277	7.08	ng/ul	97
69) Phenanthrene	17.31	178	609065	19.04	ng/ul	99
71) Anthracene	17.40	178	62551	1.87	ng/ul	98
72) Carbazole	17.69	167	29750	1.05	ng/ul#	92
74) Fluoranthene	19.32	202	382469	9.72	ng/ul#	95
77) Pyrene	19.69	202	246406	5.49	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	86417	1.76	ng/ul	98
82) Chrysene	21.47	228	71122	1.60	ng/ul	95

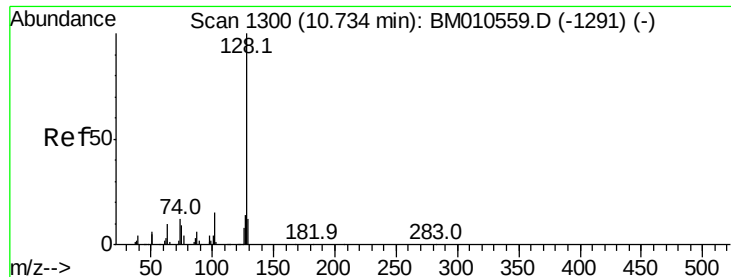
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010564.D
Acq On : 13 Jun 2017 17:29
Operator : SJ/MA
Sample : I3521-10MEDL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 14 01:47:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

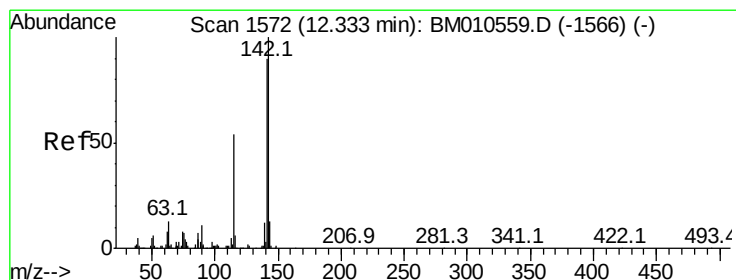
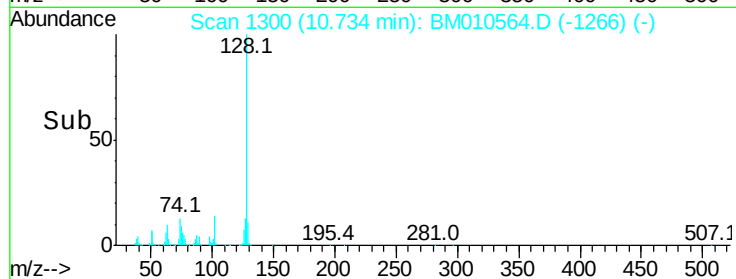
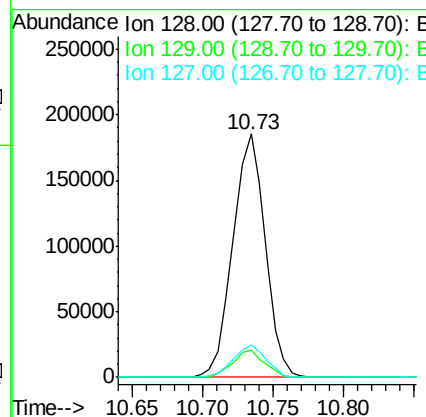
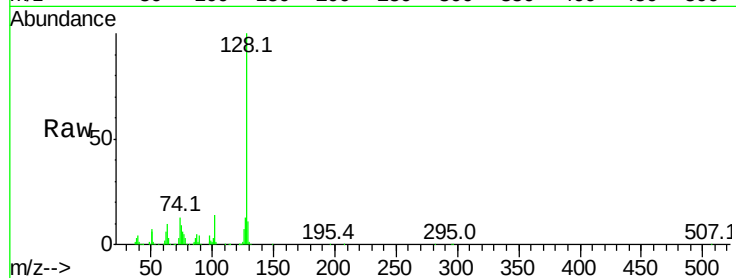




#28
Naphthalene
Concen: 18.26 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

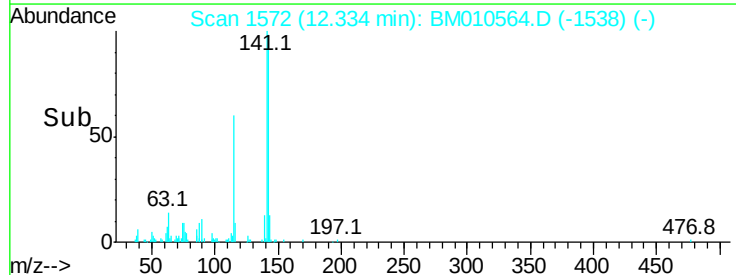
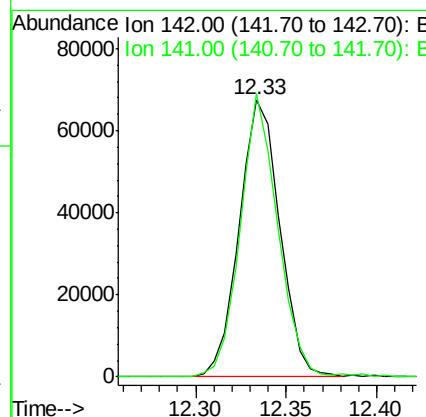
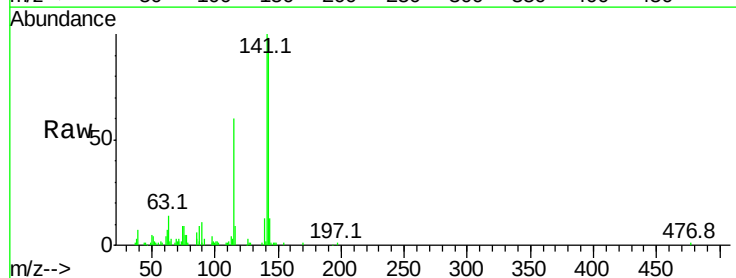
Instrument :
BNA_M
ClientSampled :

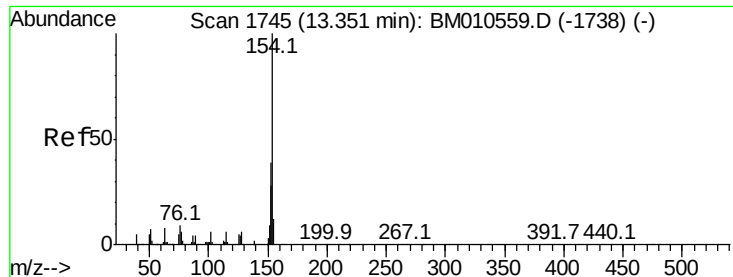
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	16.0



#34
2-Methylnaphthalene
Concen: 8.53 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	102.0	74.1	111.1





#40

1,1'-Biphenyl

Concen: 2.06 ng/ul

RT: 13.35 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BM010564.D

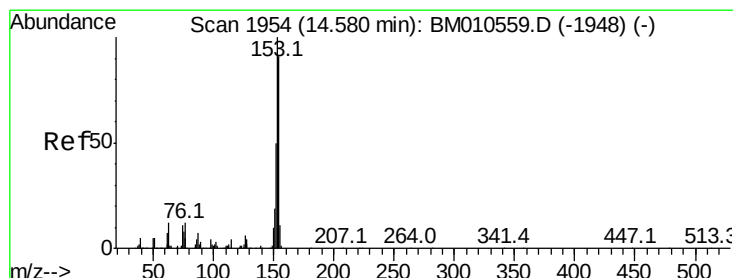
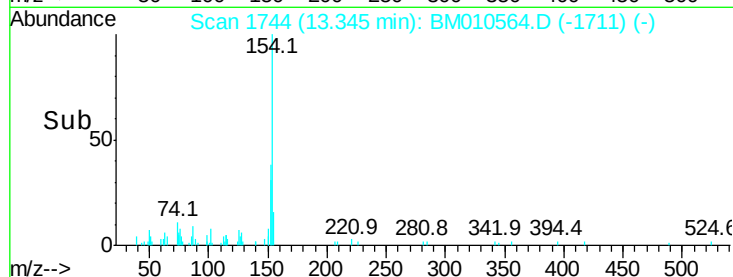
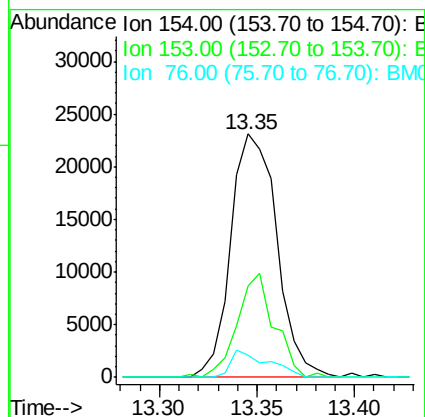
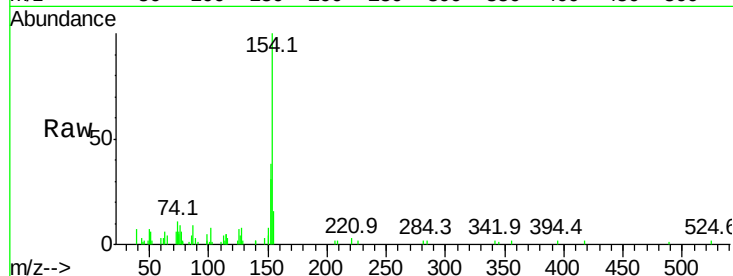
Acq: 13 Jun 2017 17:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	154	Resp:	37865
Ion	Ratio	Lower	Upper
154	100		
153	37.7	32.6	48.8
76	9.4	8.5	12.7



#49

Acenaphthene

Concen: 6.15 ng/ul

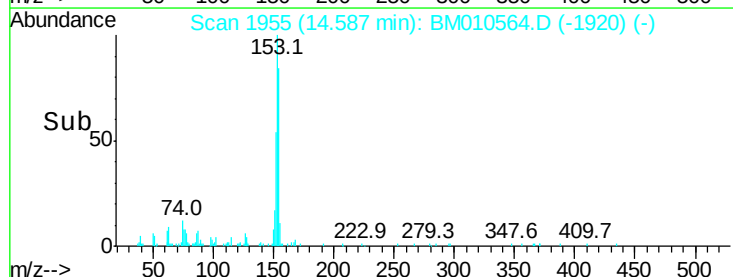
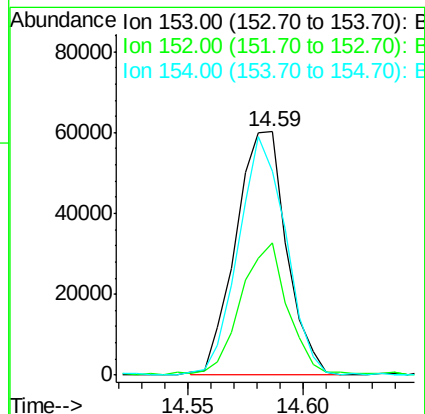
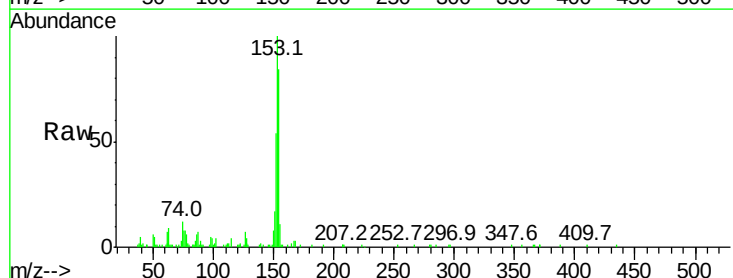
RT: 14.59 min Scan# 1955

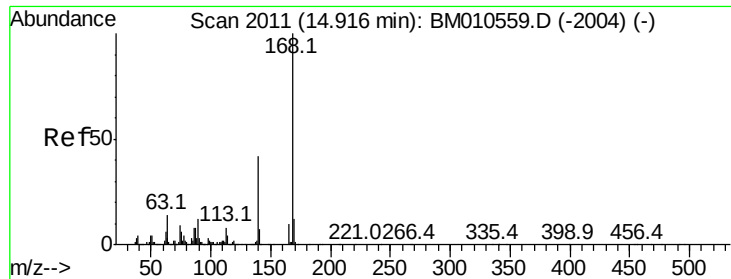
Delta R.T. 0.01 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

Tgt Ion:	153	Resp:	92561
Ion	Ratio	Lower	Upper
153	100		
152	54.3	37.6	56.4
154	83.8	70.4	105.6





#53

Diben-zofuran

Concen: 5.95 ng/ul

RT: 14.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

Instrument :

BNA_M

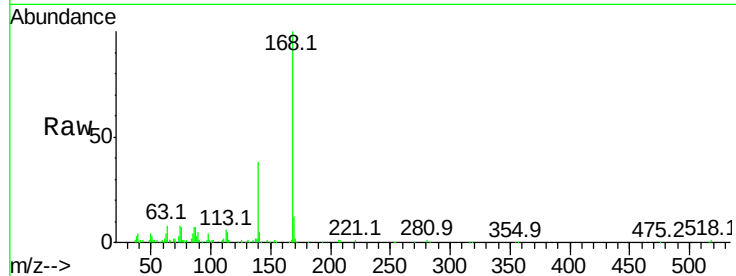
ClientSampleId :

Tot Ion:168 Resp: 132389

Ion Ratio Lower Upper

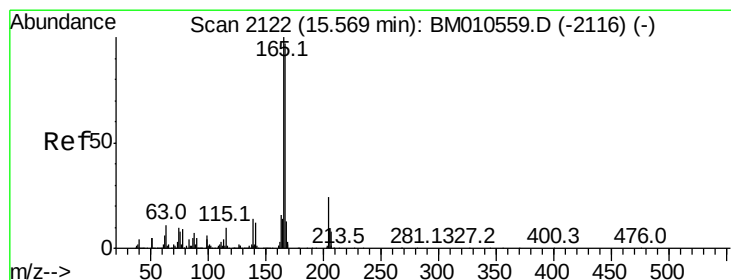
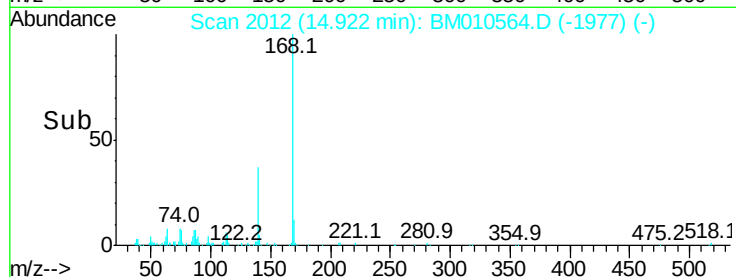
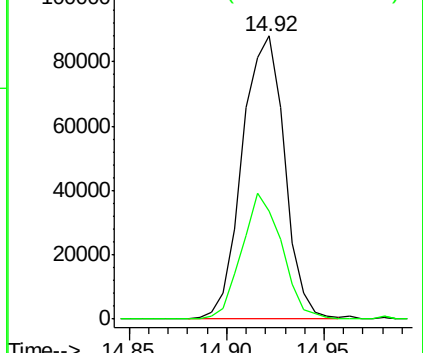
168 100

139 38.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 7.08 ng/ul

RT: 15.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

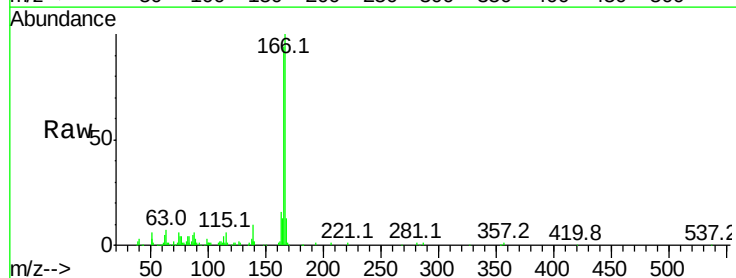
Tgt Ion:166 Resp: 129277

Ion Ratio Lower Upper

166 100

165 94.1 77.9 116.9

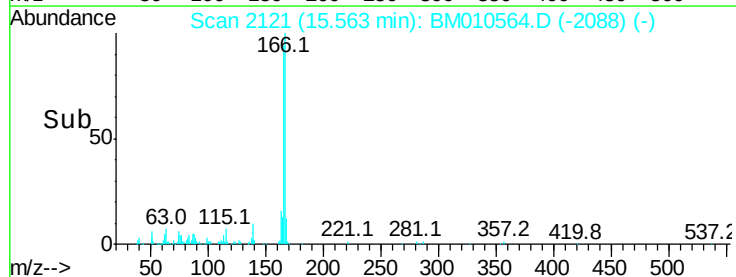
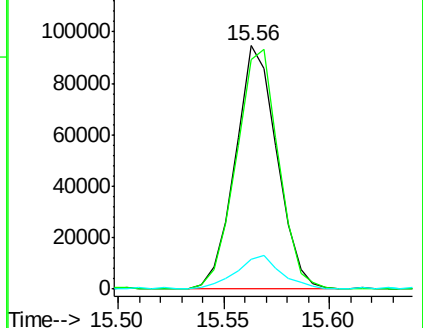
167 12.5 10.6 16.0

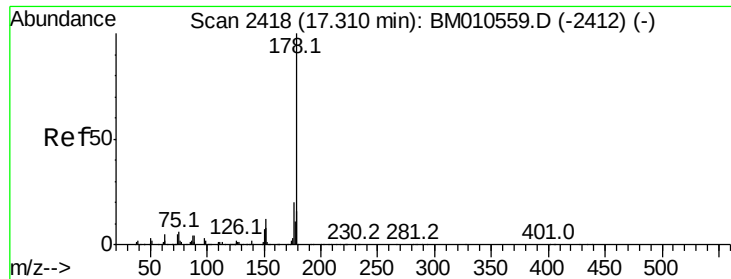


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 19.04 ng/ul

RT: 17.31 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

Instrument :

BNA_M

ClientSampleId :

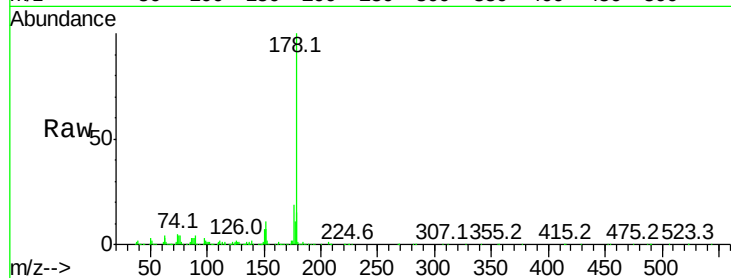
Tot Ion:178 Resp: 609065

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

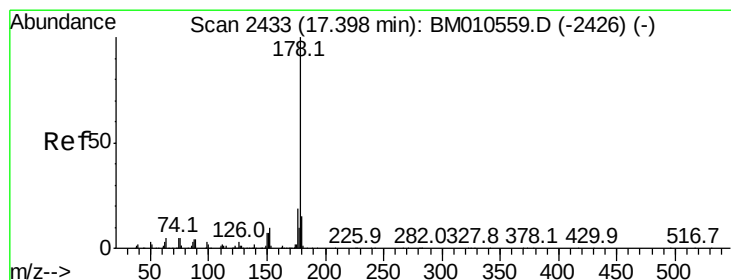
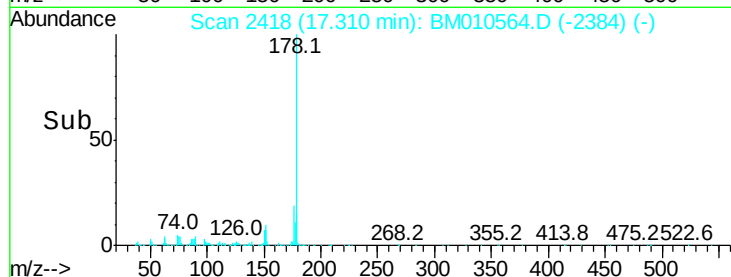
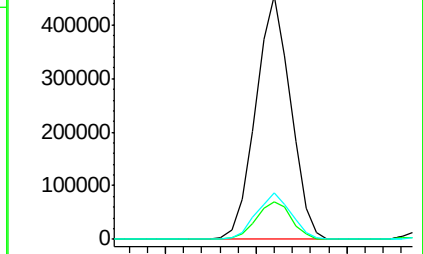
176 18.8 14.9 22.3



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: 1.87 ng/ul

RT: 17.40 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

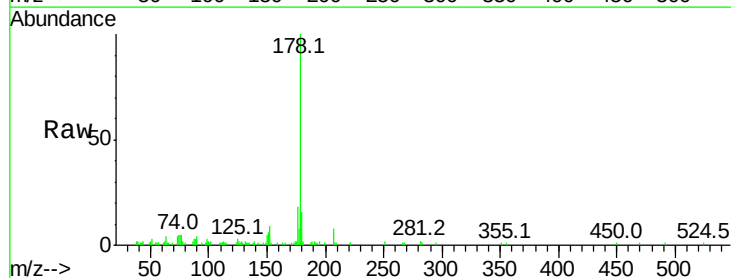
Tgt Ion:178 Resp: 62551

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

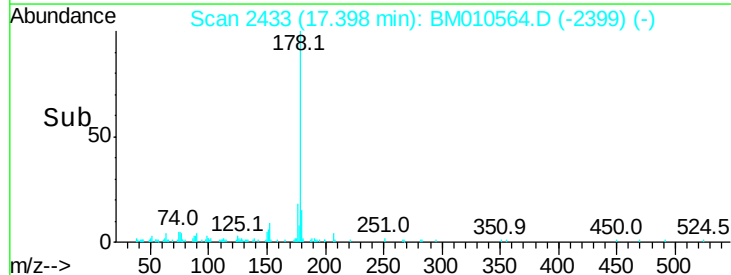
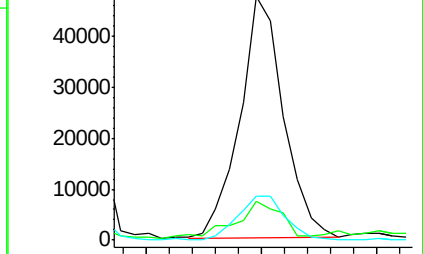
176 17.9 14.6 21.8

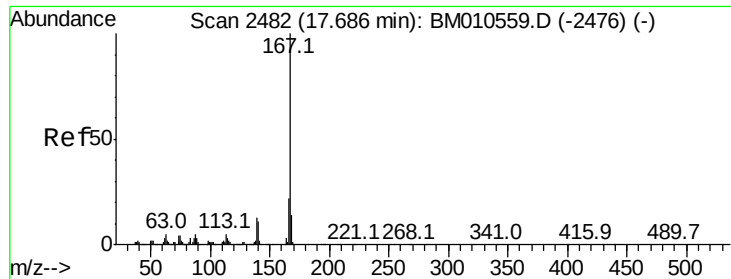


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.05 ng/ul

RT: 17.69 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

Instrument :

BNA_M

ClientSampleId :

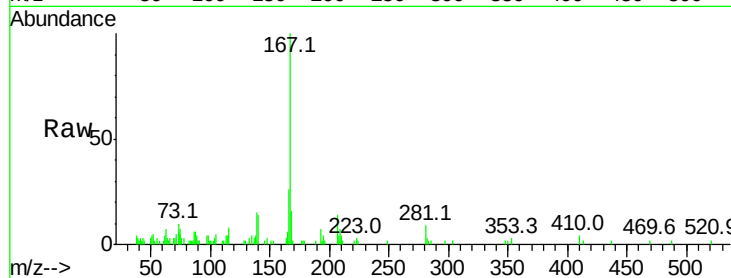
Tot Ion:167 Resp: 29750

Ion Ratio Lower Upper

167 100

166 25.9 17.1 25.7#

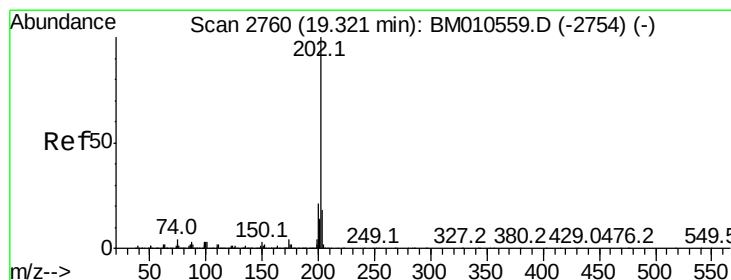
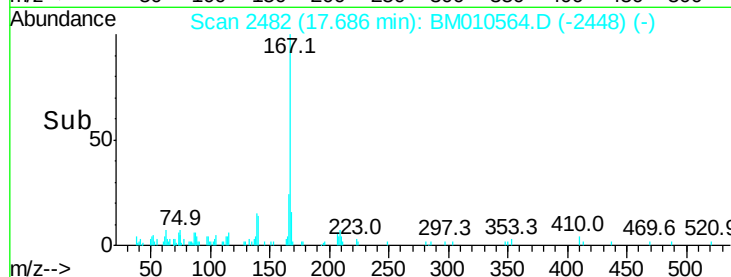
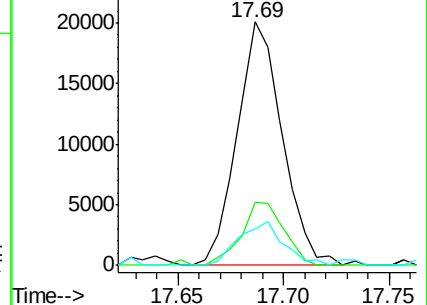
139 15.2 10.0 15.0#



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: 9.72 ng/ul

RT: 19.32 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

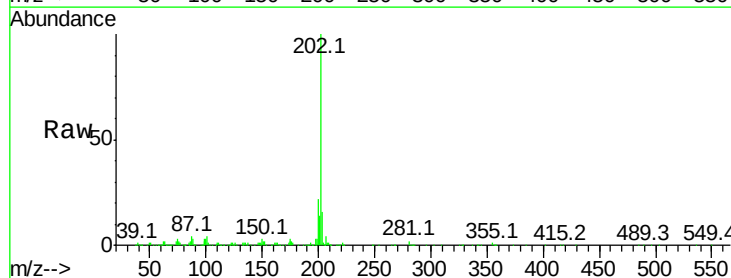
Tgt Ion:202 Resp: 382469

Ion Ratio Lower Upper

202 100

101 4.2 4.6 7.0#

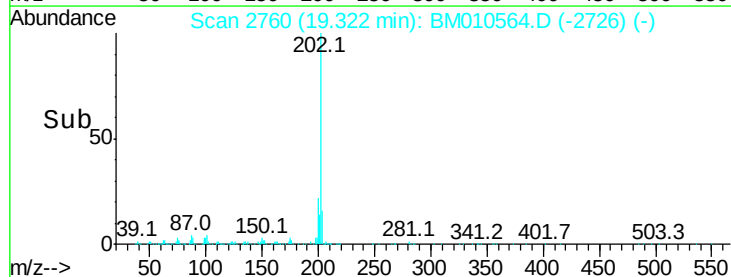
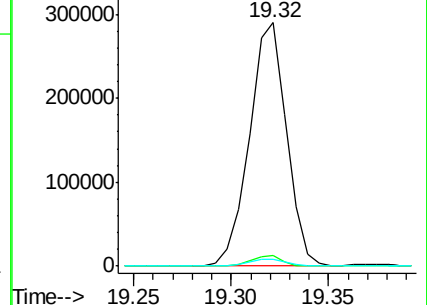
100 3.0 3.4 5.2#

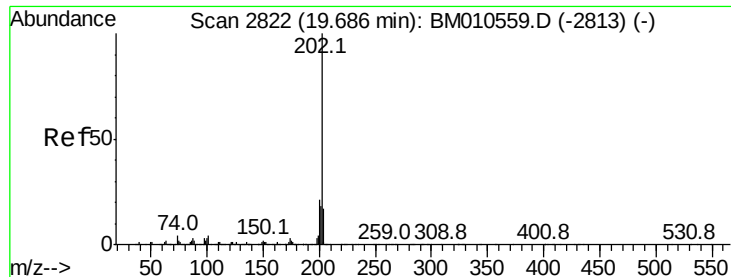


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

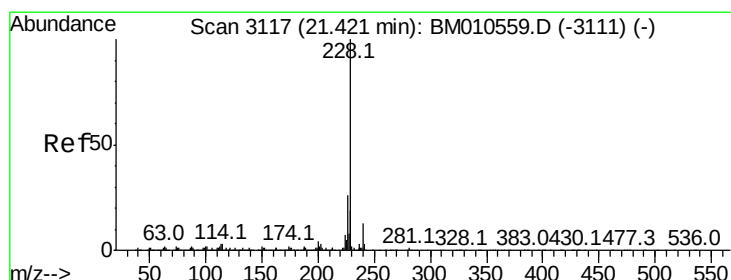
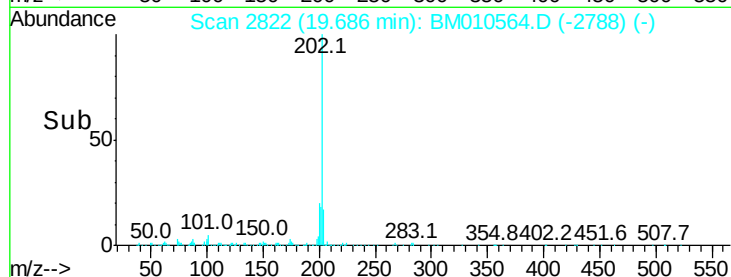
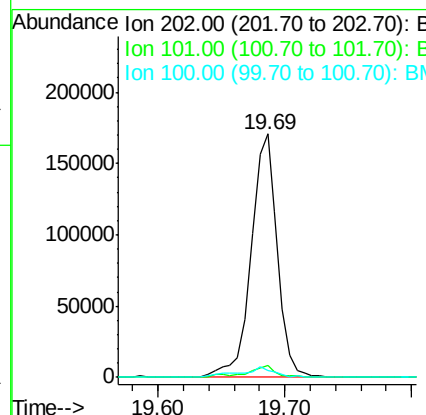
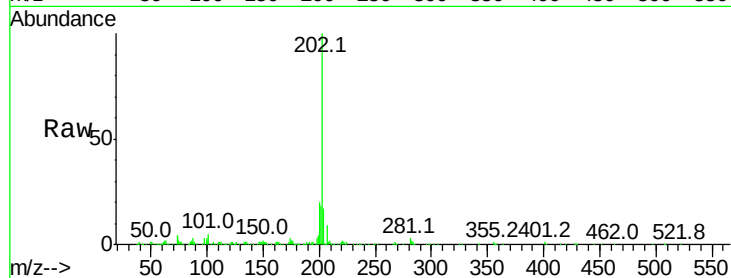




#77
 Pvrene
 Concen: 5.49 ng/ul
 RT: 19.69 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: BM010564.D
 Acq: 13 Jun 2017 17:29

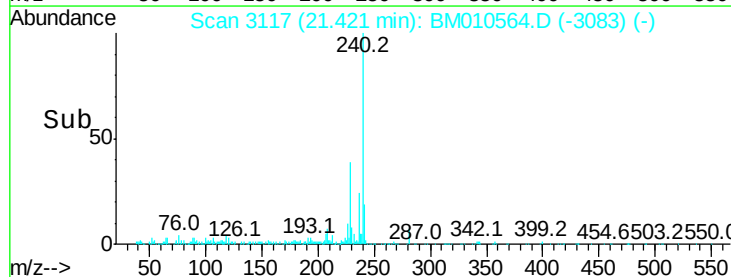
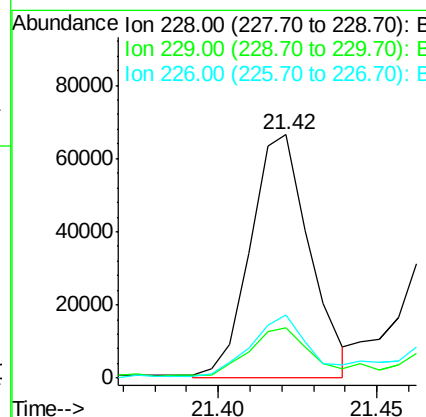
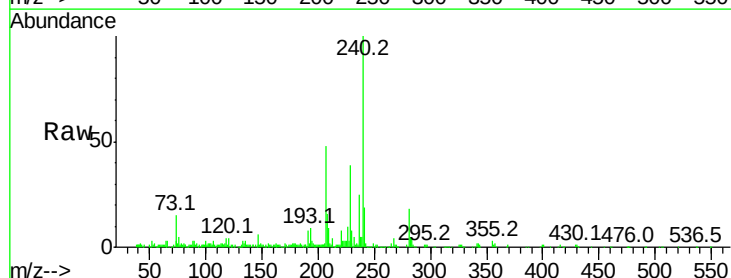
Instrument :
 BNA_M
 ClientSampleId :

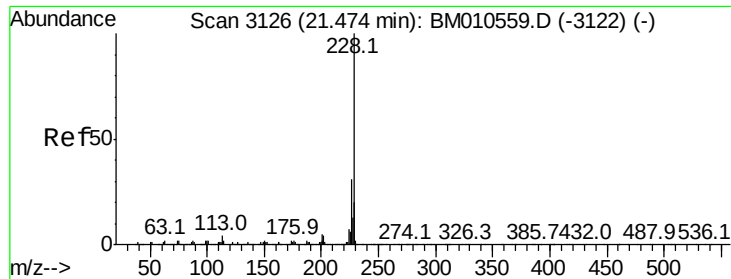
Tot Ion	Ratio	Lower	Upper
202	100		
101	4.8	5.1	7.7#
100	2.9	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 1.76 ng/ul
 RT: 21.42 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM010564.D
 Acq: 13 Jun 2017 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	25.9	21.4	32.0





#82

Chrysene

Concen: 1.60 ng/ul

RT: 21.47 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM010564.D

Acq: 13 Jun 2017 17:29

Instrument :

BNA_M

ClientSampleId :

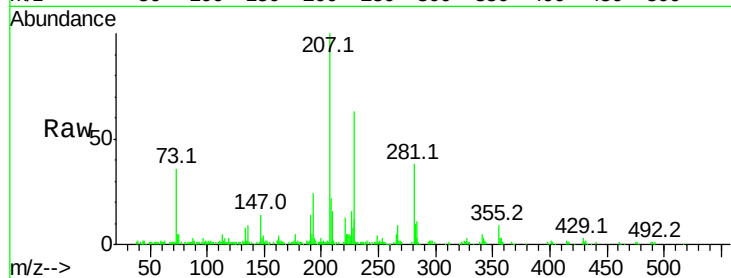
Tot Ion: 228 Resp: 71122

Ion Ratio Lower Upper

228 100

226 25.1 23.4 35.2

229 19.7 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

