

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013361.D
 Acq On : 13 Dec 2017 05:12
 Operator : SJ/JU
 Sample : I6758-09DL 30X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B10DL

Quant Time: Dec 13 07:03:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	118163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	513670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	322369	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	834094	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1136730	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1062799	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	728	0.31	ng/uL	0.00
5) Phenol-d5	6.86	99	6353	0.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	4378	0.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	5579	0.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	4447	0.51	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	3521	0.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	2165	0.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	2801	0.31	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	3578	0.43	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	21406	0.75	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	25928	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	115	0.02	ng/ul	0.00
57) Fluorene-d10	15.32	176	21065	0.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	463	0.09	ng/ul	0.00
70) Anthracene-d10	17.17	188	36144	0.87	ng/ul	0.00
76) Pyrene-d10	19.47	212	48545	0.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	42320	0.78	ng/ul	0.00

Target Compounds

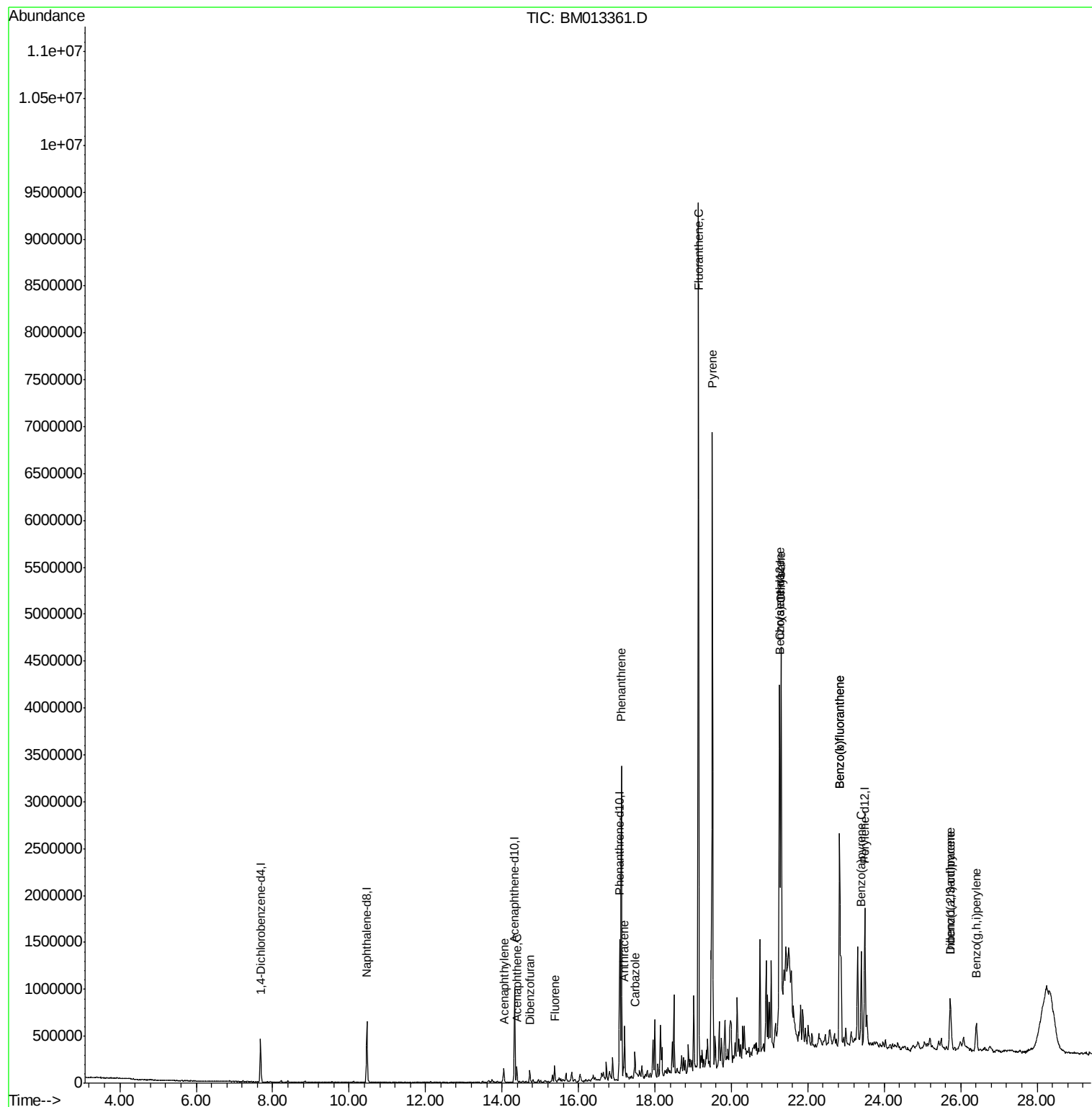
					Ovalue	
47) Acenaphthylene	14.05	152	104869	3.201	ng/ul	95
49) Acenaphthene	14.39	153	67875	3.041	ng/ul	96
53) Dibenzofuran	14.73	168	63453	1.926	ng/ul	97
58) Fluorene	15.37	166	69956	2.567	ng/ul	88
69) Phenanthrene	17.12	178	1946553	41.078	ng/ul	98
71) Anthracene	17.21	178	356578	7.362	ng/ul	97
72) Carbazole	17.48	167	147331	3.536	ng/ul	97
74) Fluoranthene	19.14	202	5738735	98.823	ng/ul#	94
77) Pyrene	19.50	202	4117031	59.616	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1444205	20.024	ng/ul	99
82) Chrysene	21.30	228	2234976	33.402	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1806427	25.214	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	1806427	26.793	ng/ul#	96
88) Benzo(a)pyrene	23.40	252	718632	11.166	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	501062	7.847	ng/ul	97
90) Dibenzo(a,h)anthracene	25.72	278	145259	2.671	ng/ul#	90
91) Benzo(g,h,i)perylene	26.41	276	352338	6.995	ng/ul#	94

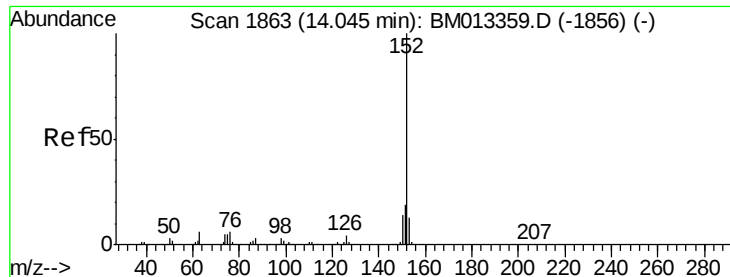
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013361.D
Acq On : 13 Dec 2017 05:12
Operator : SJ/JU
Sample : I6758-09DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B10DL

Quant Time: Dec 13 07:03:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 3.201 ng/ul

RT: 14.05 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

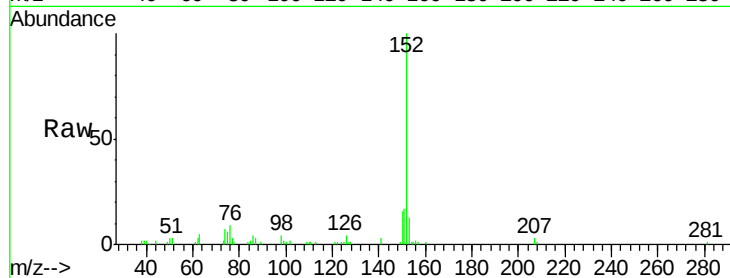
BNA_M

ClientSampleId :

F9B10DL

Tot Ion:152 Resp: 104869

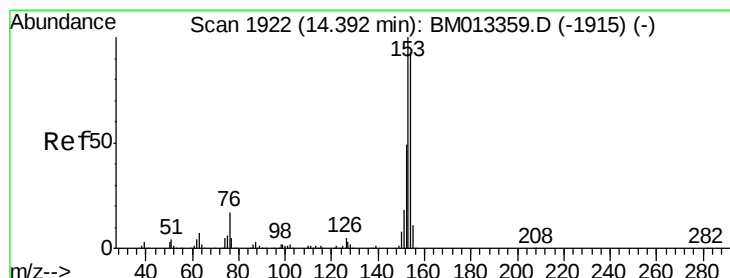
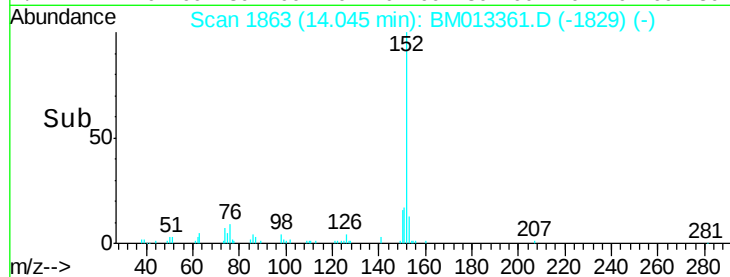
Ion	Ratio	Lower	Upper
152	100		
151	17.1	16.3	24.5
153	13.1	10.2	15.4



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: 3.041 ng/ul

RT: 14.39 min Scan# 1922

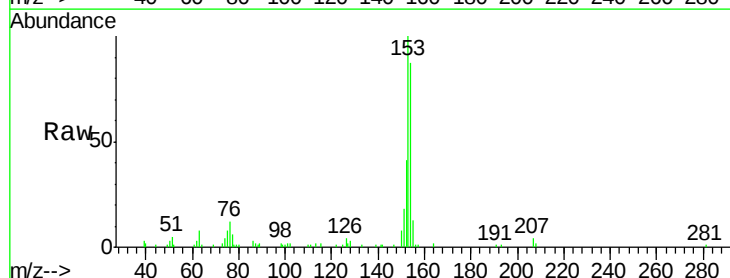
Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Tgt Ion:153 Resp: 67875

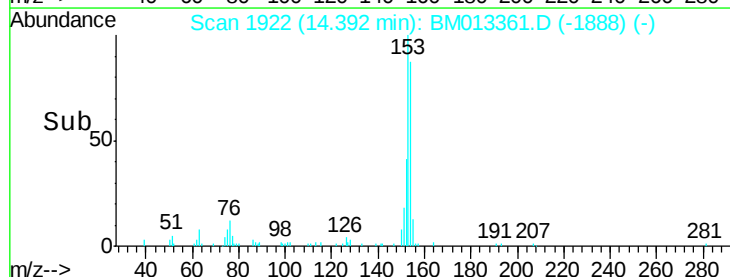
Ion	Ratio	Lower	Upper
153	100		
152	41.5	37.6	56.4
154	86.6	70.4	105.6

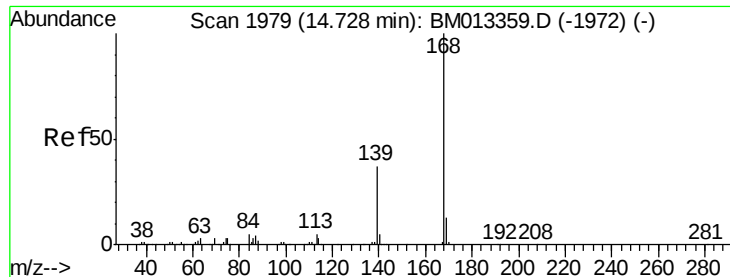


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 1.926 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

BNA_M

ClientSampleId :

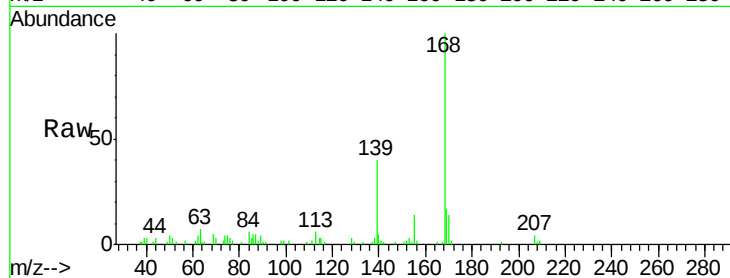
F9B10DL

Tot Ion:168 Resp: 63453

Ion Ratio Lower Upper

168 100

139 40.2 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.73

40000

30000

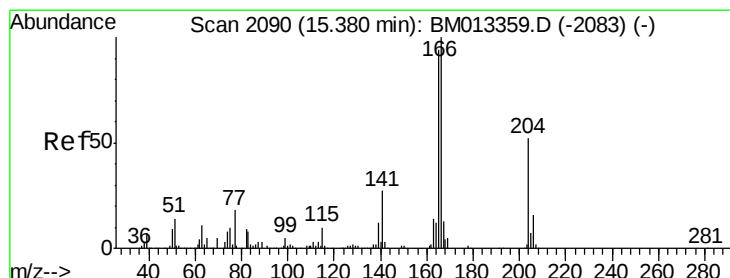
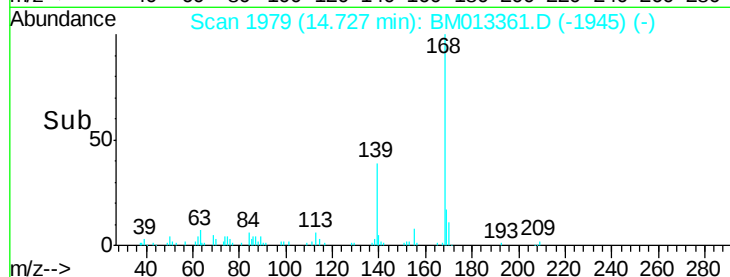
20000

10000

0

14.70 14.75 14.80

Time-->



#58

Fluorene

Concen: 2.567 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

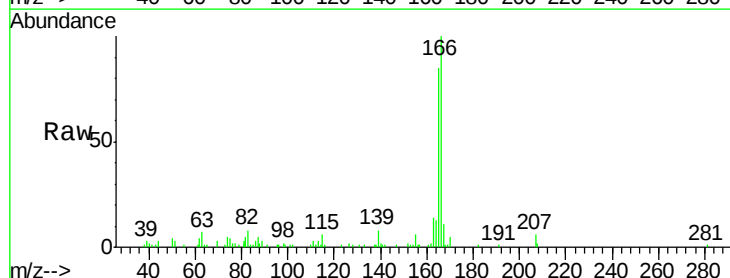
Tgt Ion:166 Resp: 69956

Ion Ratio Lower Upper

166 100

165 85.2 77.9 116.9

167 11.2 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

15.37

60000

50000

40000

30000

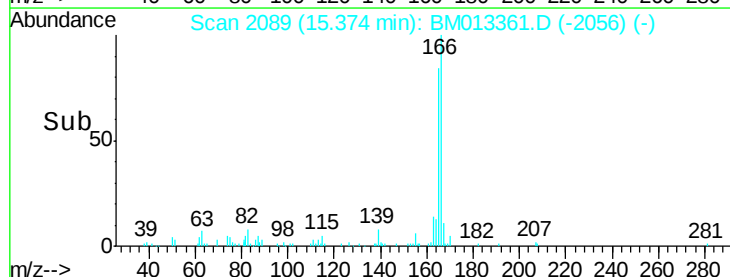
20000

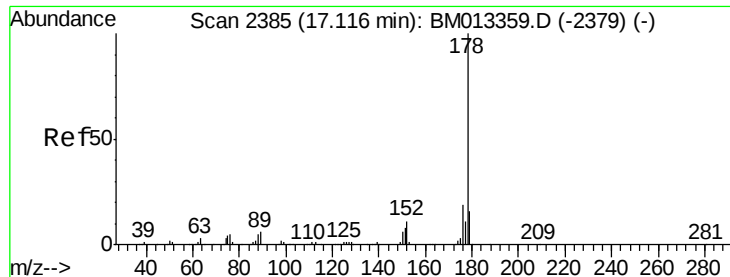
10000

0

15.35 15.40 15.45

Time-->





#69

Phenanthrene

Concen: 41.078 ng/ul

RT: 17.12 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

BNA_M

ClientSampleId :

F9B10DL

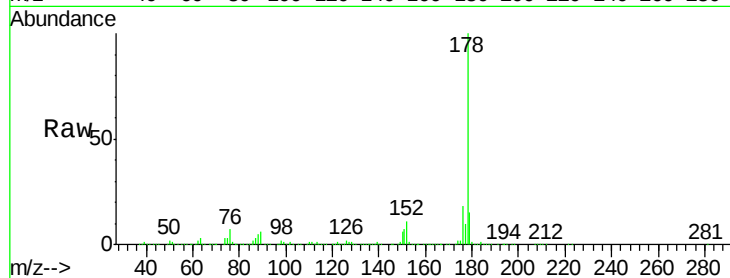
Tot Ion:178 Resp: 1946553

Ion Ratio Lower Upper

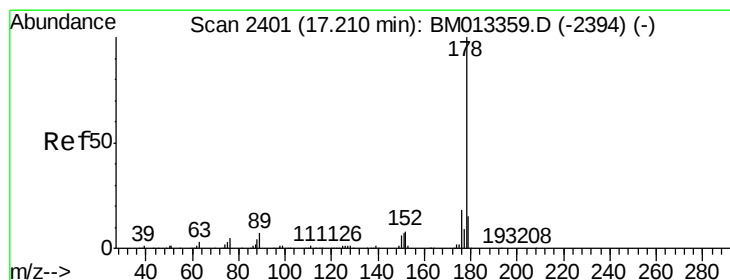
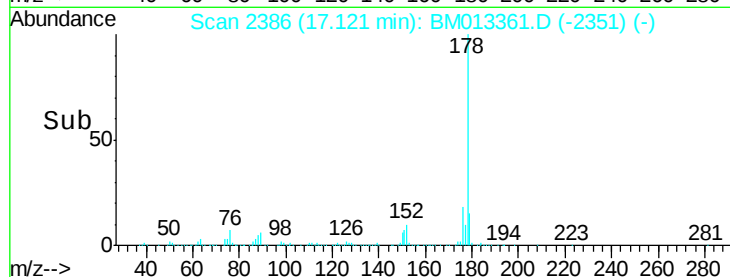
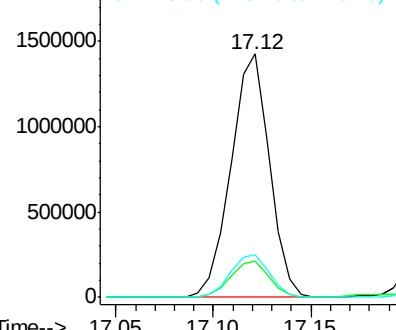
178 100

179 15.0 12.6 19.0

176 17.6 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: 7.362 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

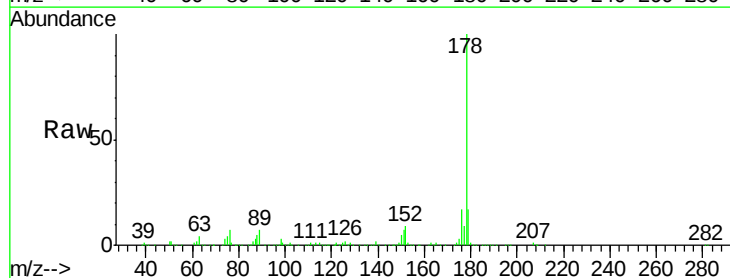
Tgt Ion:178 Resp: 356578

Ion Ratio Lower Upper

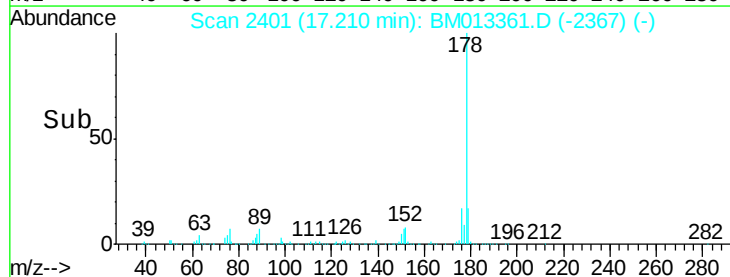
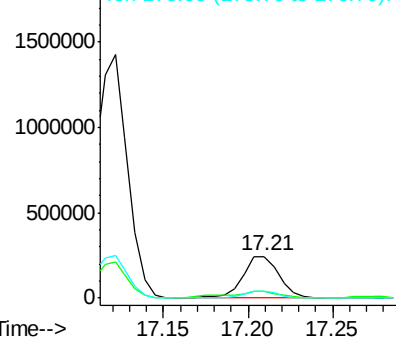
178 100

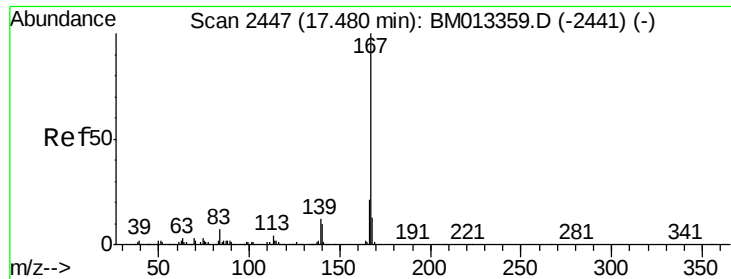
179 16.9 11.7 17.5

176 17.4 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

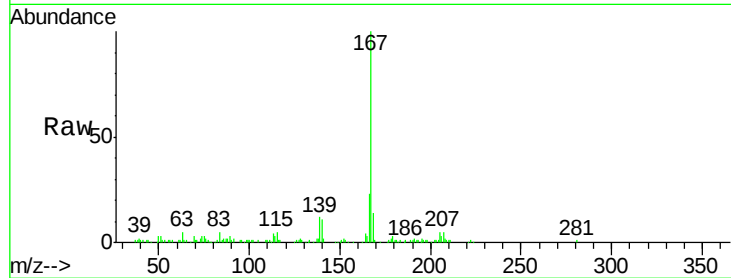




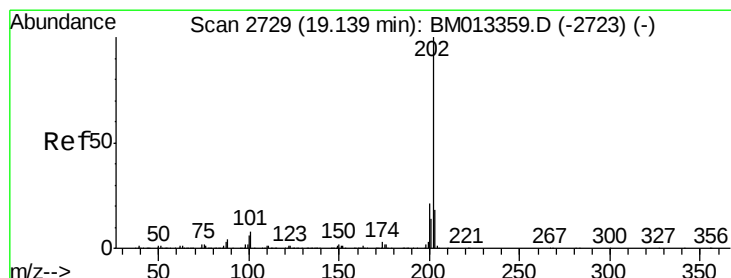
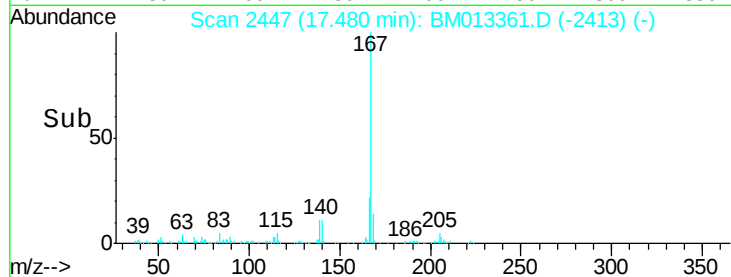
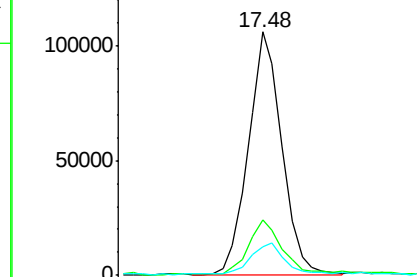
#72
 Carbazole
 Concen: 3.536 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM013361.D
 Acq: 13 Dec 2017 05:12

Instrument :
 BNA_M
 ClientSampleId :
 F9B10DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.1	25.7
139	11.5	10.0	15.0

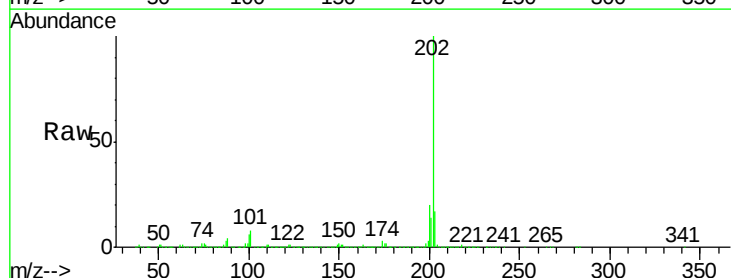


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

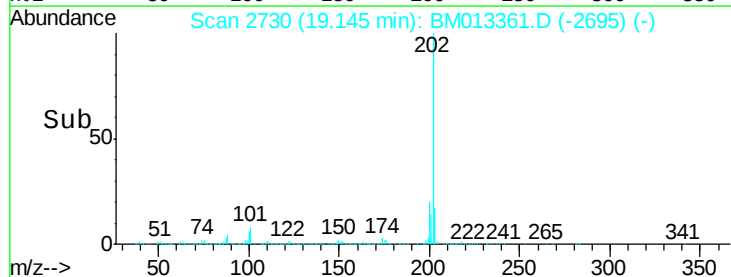
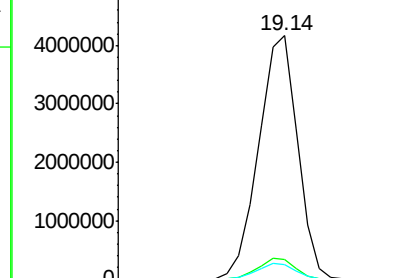


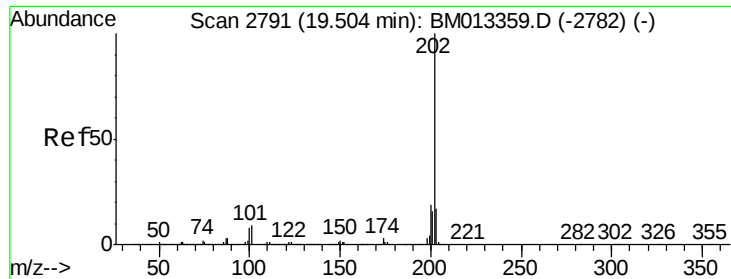
#74
 Fluoranthene
 Concen: 98.823 ng/ul
 RT: 19.14 min Scan# 2730
 Delta R.T. 0.01 min
 Lab File: BM013361.D
 Acq: 13 Dec 2017 05:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	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: 59.616 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

BNA_M

ClientSampleId :

F9B10DL

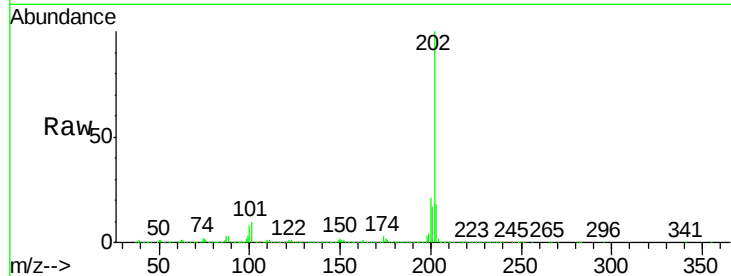
Tot Ion:202 Resp: 4117031

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

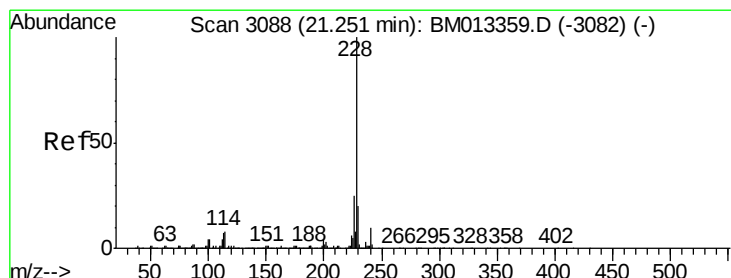
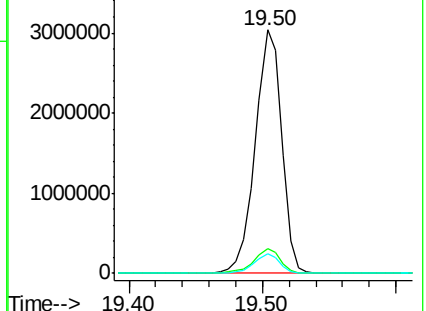
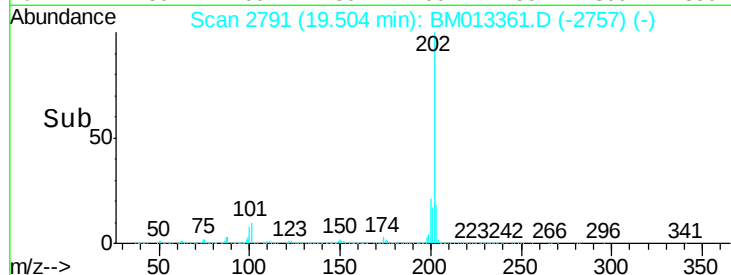
100 7.9 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 20.024 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

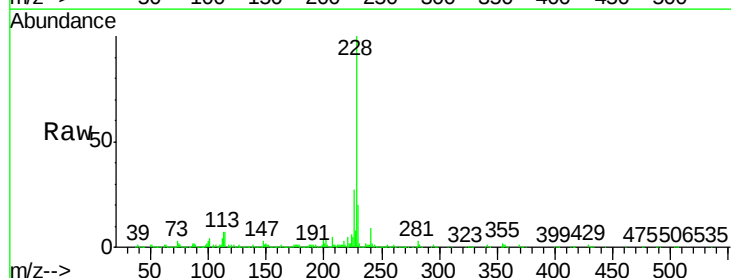
Tgt Ion:228 Resp: 1444205

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

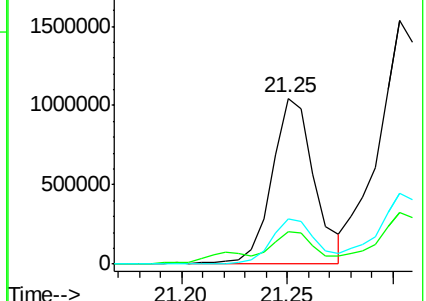
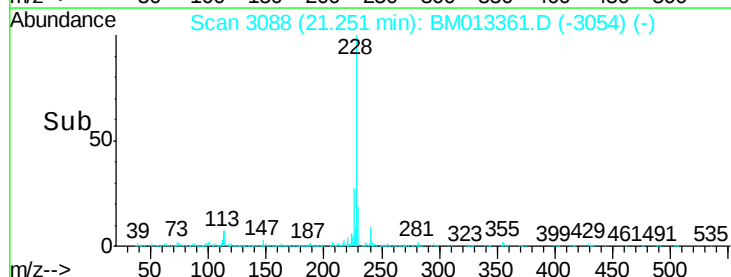
226 27.1 21.4 32.0

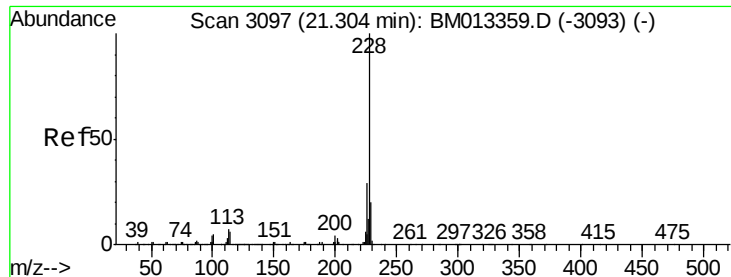


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 33.402 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

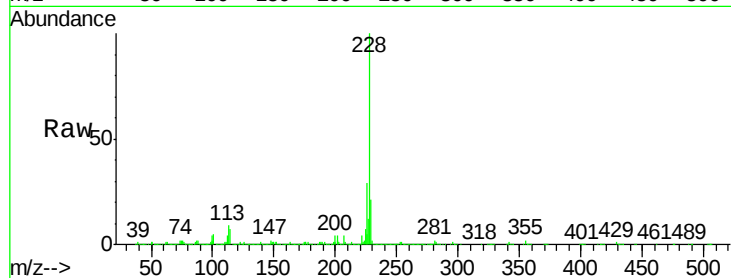
BNA_M

ClientSampleId :

F9B10DL

Tot Ion:228 Resp: 2234976

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.2	15.5	23.3

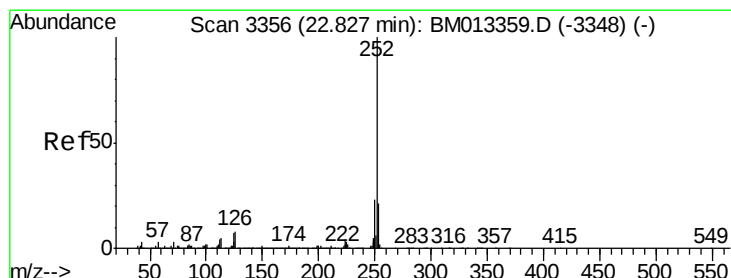
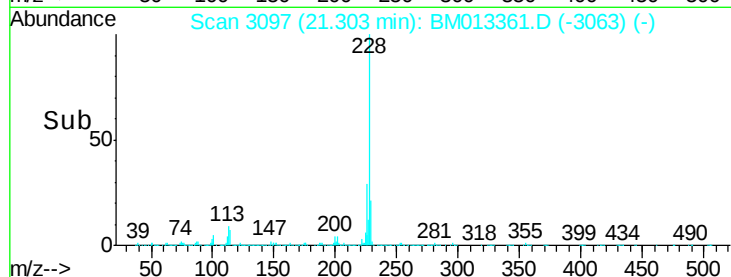
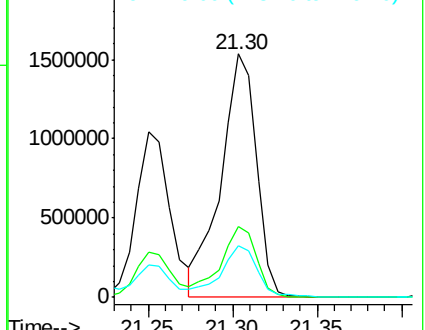


Abundance

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: 25.214 ng/ul

RT: 22.83 min Scan# 3357

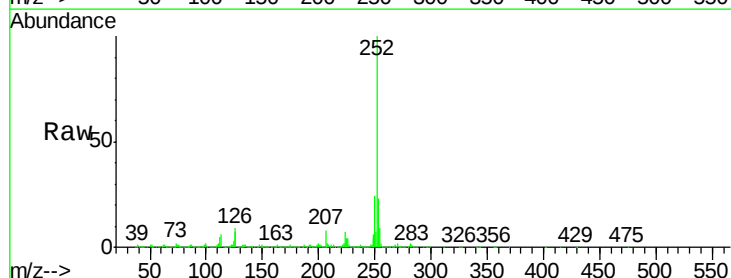
Delta R.T. 0.01 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Tgt Ion:252 Resp: 1806427

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.2	3.6	5.4

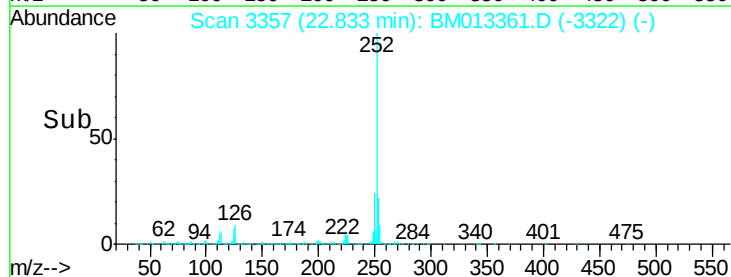
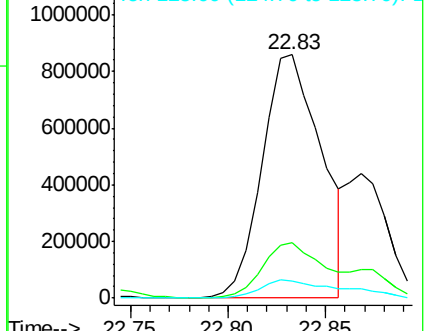


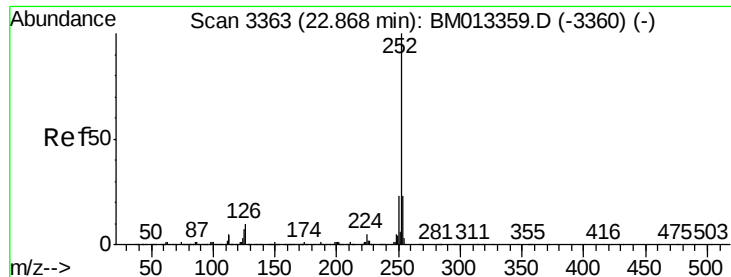
Abundance

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

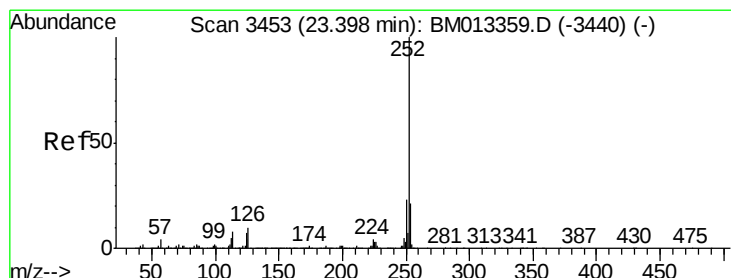
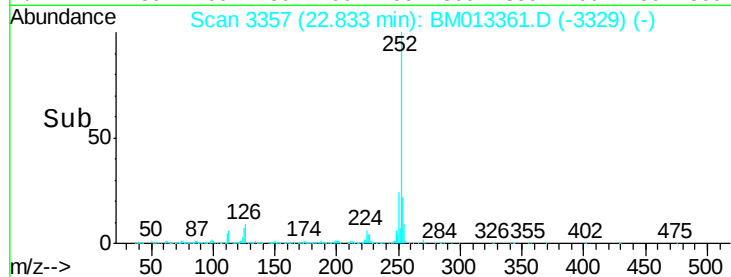
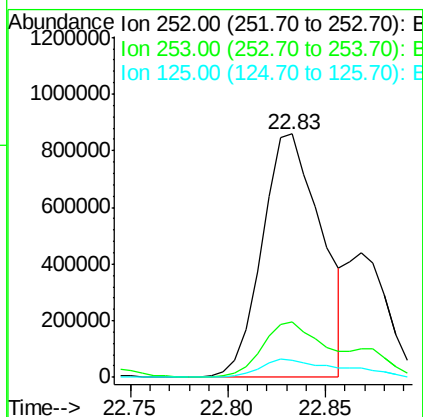
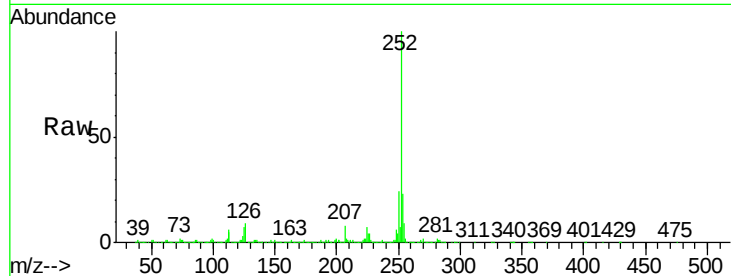




#86
Benzo(k)fluoranthene
Concen: 26.793 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM013361.D
Acq: 13 Dec 2017 05:12

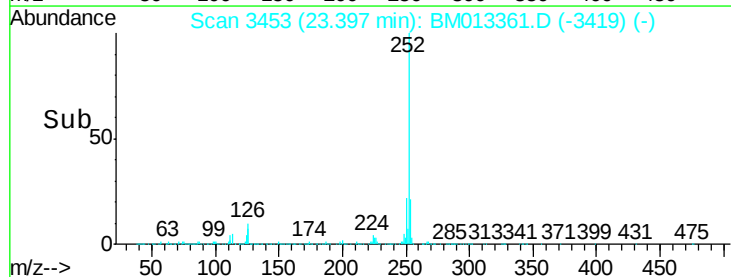
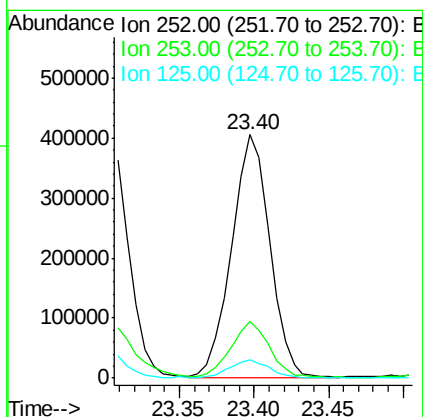
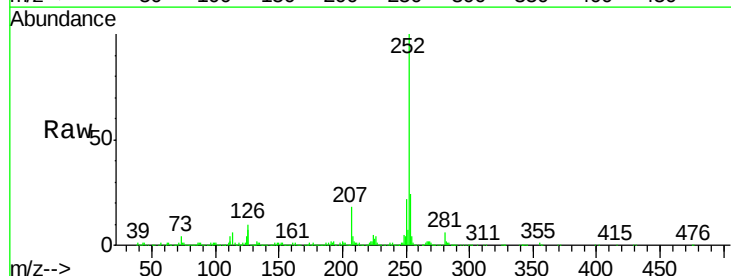
Instrument :
BNA_M
ClientSampleId :
F9B10DL

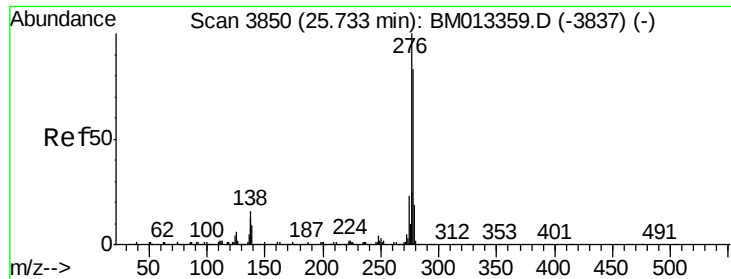
Tot Ion:252 Resp: 1806427
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 7.2 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 11.166 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013361.D
Acq: 13 Dec 2017 05:12

Tgt Ion:252 Resp: 718632
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 7.4 4.0 6.0#



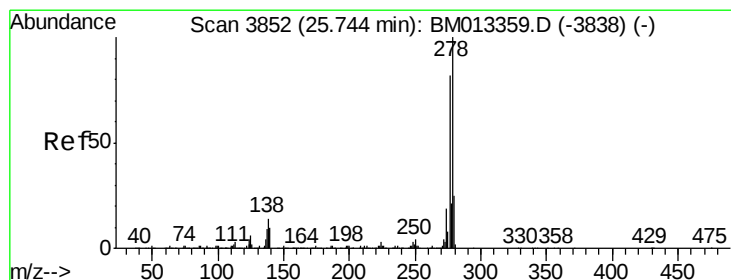
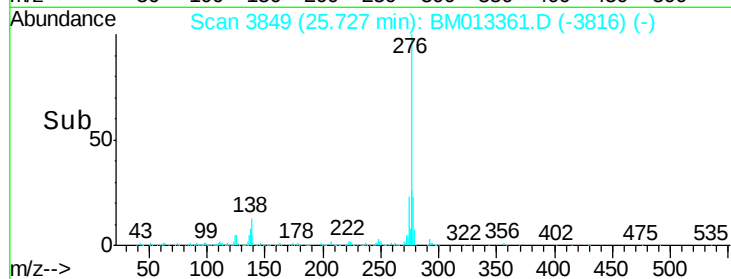
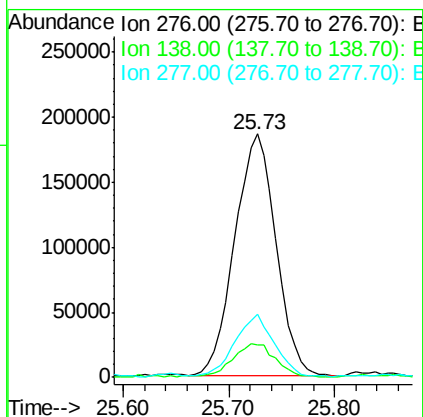
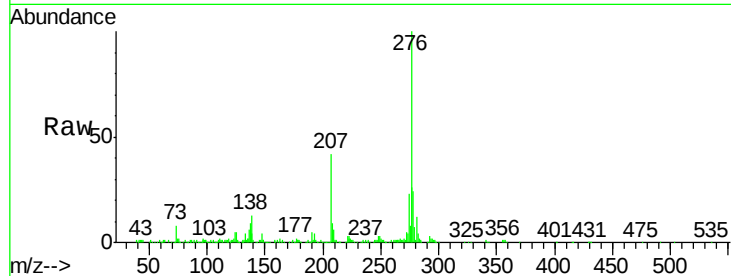


#89

Indeno(1,2,3-cd)pyrene
Concen: 7.847 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013361.D
Acq: 13 Dec 2017 05:12

Instrument :
BNA_M
ClientSampleId :
F9B10DL

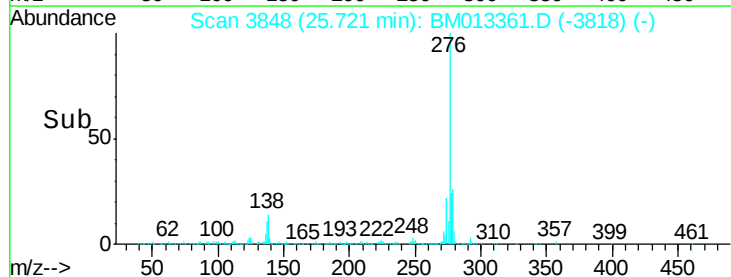
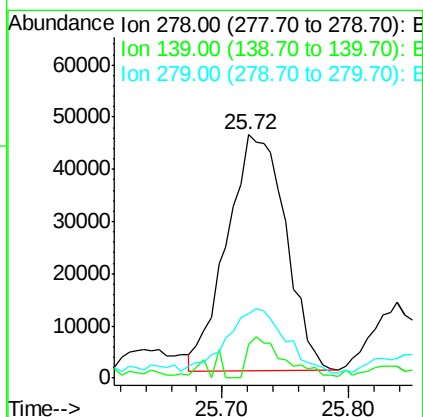
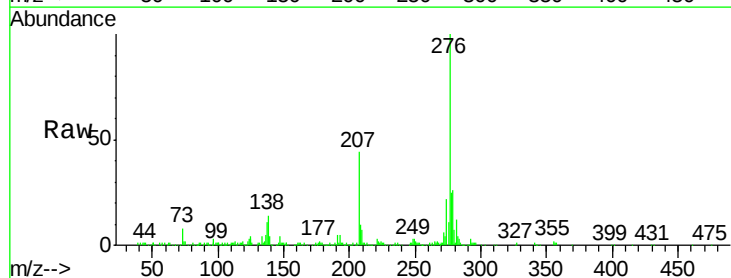
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.4	9.3	13.9
277	25.9	19.9	29.9

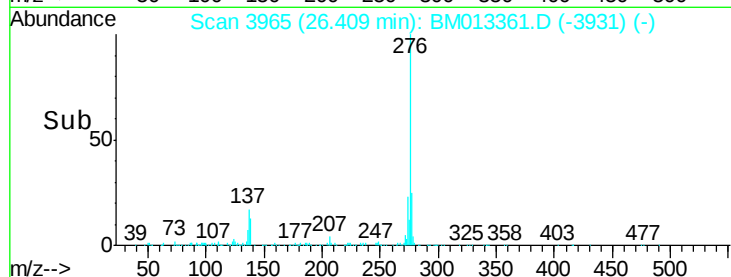
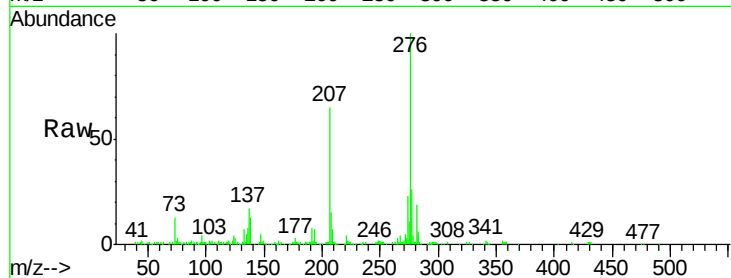
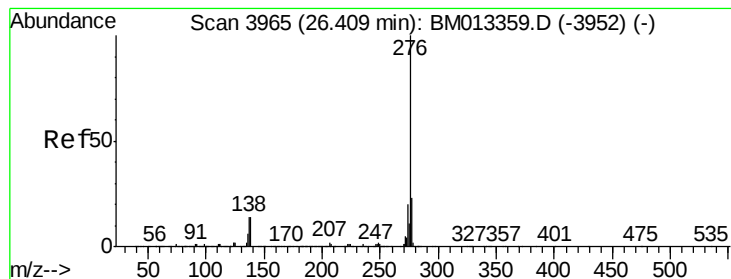


#90

Dibenzo(a,h)anthracene
Concen: 2.671 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BM013361.D
Acq: 13 Dec 2017 05:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	5.8	8.8#
279	26.7	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 6.995 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM013361.D

Acq: 13 Dec 2017 05:12

Instrument :

BNA_M

ClientSampleId :

F9B10DL

Tot Ion:276 Resp: 352338

Ion Ratio Lower Upper

276 100

138 13.3 8.5 12.7#

277 25.7 18.6 28.0

