

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013914.D
 Acq On : 28 Jan 2018 09:03
 Operator : SJ/JU
 Sample : J1244-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 29 03:15:12 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	161454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	636118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	377606	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	819382	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	866586	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	824087	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	14262	3.49	ng/uL	0.00
5) Phenol-d5	6.77	99	322898	26.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	198876	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	268932	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	278621	29.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	143662	29.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	155650	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	299259	29.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	316507	36.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	907428	29.16	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1151616	29.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	1621	0.32	ng/ul	0.08
57) Fluorene-d10	15.23	176	799323	29.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	86886	17.62	ng/ul	0.00
70) Anthracene-d10	17.09	188	1171681	29.36	ng/ul	0.00
76) Pyrene-d10	19.39	212	1283842	31.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1211241	31.98	ng/ul	0.00

Target Compounds

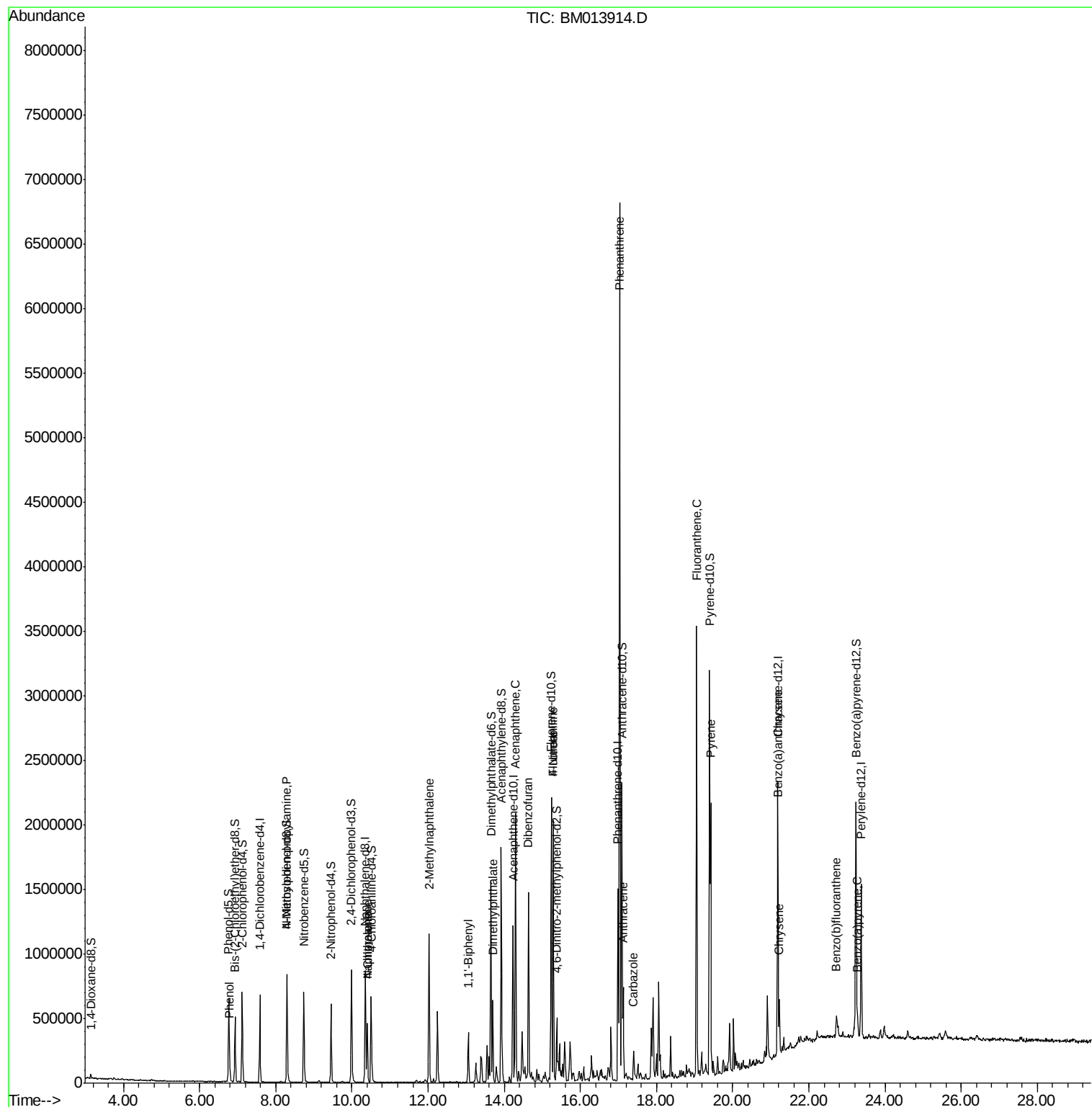
					Ovalue	
6) Phenol	6.80	94	43938	3.534	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.29	70	9076	1.180	ng/ul#	1
28) Naphthalene	10.40	128	344431	10.884	ng/ul	98
30) 4-Chloroaniline	10.40	127	45517	5.251	ng/ul#	13
34) 2-Methylnaphthalene	12.03	142	507032	21.489	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	183423	5.836	ng/ul	97
44) Dimethylphthalate	13.70	163	357623	11.687	ng/ul	100
49) Acenaphthene	14.30	153	802780	31.922	ng/ul	99
53) Dibenzofuran	14.63	168	809147	21.388	ng/ul	99
58) Fluorene	15.29	166	801971	25.878	ng/ul	100
60) 4-Nitroaniline	15.29	138	10410	1.908	ng/ul#	9
69) Phenanthrene	17.03	178	3798792	83.405	ng/ul	99
71) Anthracene	17.12	178	422065	8.984	ng/ul	98
72) Carbazole	17.40	167	120713	3.113	ng/ul	99
74) Fluoranthene	19.06	202	2094609	38.527	ng/ul#	95
77) Pyrene	19.42	202	1352877	25.680	ng/ul	98
80) Benzo(a)anthracene	21.17	228	283581	5.416	ng/ul	98
82) Chrysene	21.22	228	236157	4.916	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	134410	2.656	ng/ul#	95
88) Benzo(a)pyrene	23.28	252	72397	1.514	ng/ul#	92

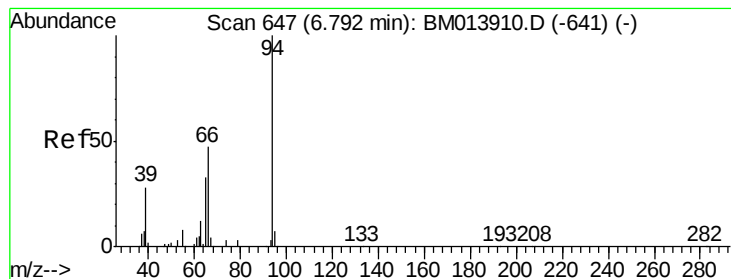
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.534 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampleId :

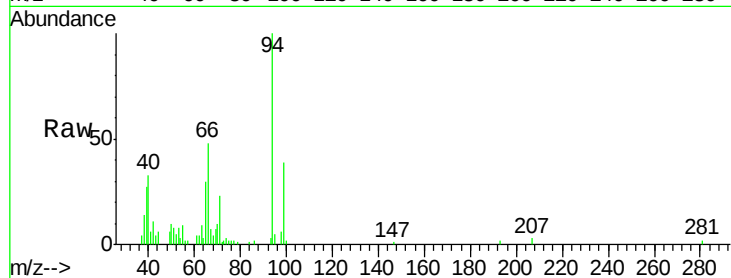
Tot Ion: 94 Resp: 43938

Ion Ratio Lower Upper

94 100

65 30.3 28.2 42.4

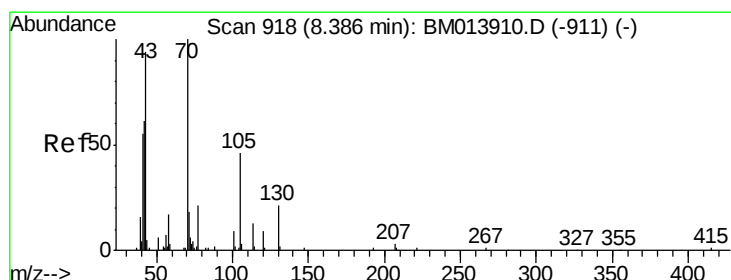
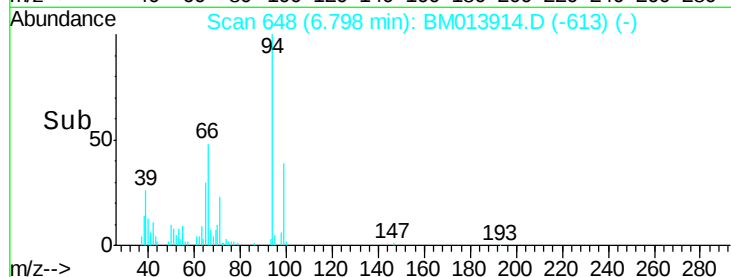
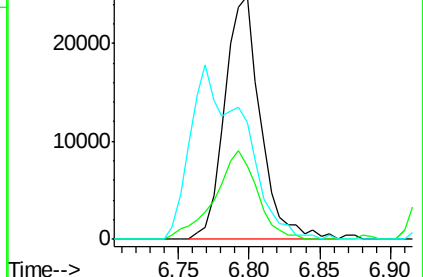
66 47.9 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013910.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013910.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013910.D (-641) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.180 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. -0.09 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Tgt Ion: 70 Resp: 9076

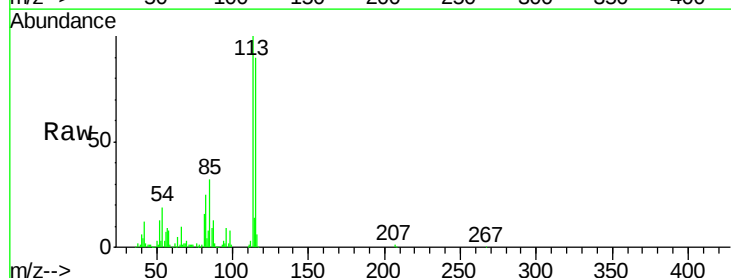
Ion Ratio Lower Upper

70 100

42 389.3 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

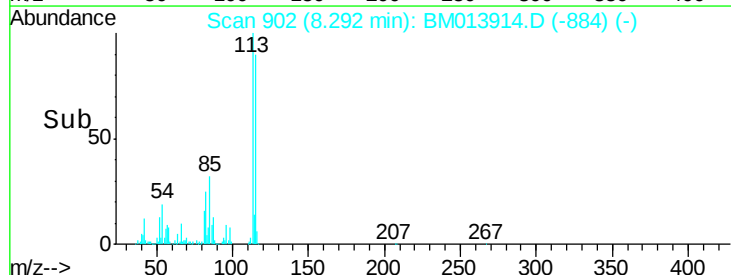
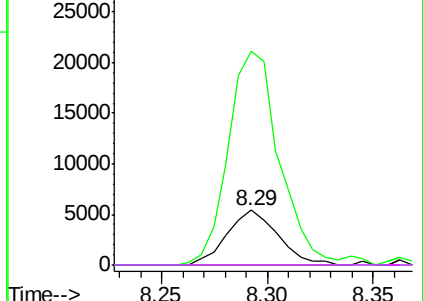


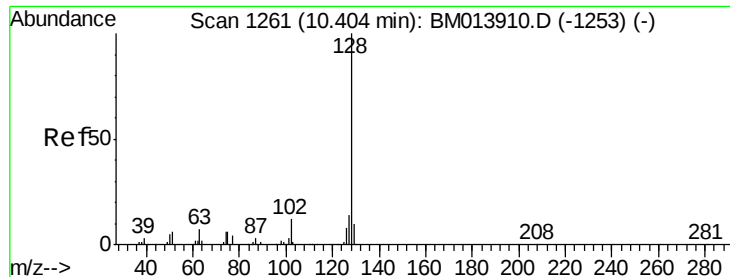
Abundance Ion 70.00 (69.70 to 70.70): BM013910.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BM013910.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BM013910.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BM013910.D (-911) (-)

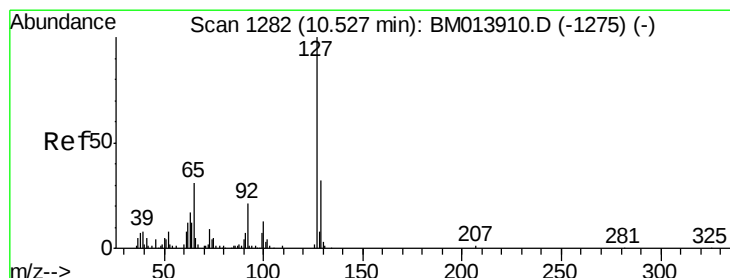
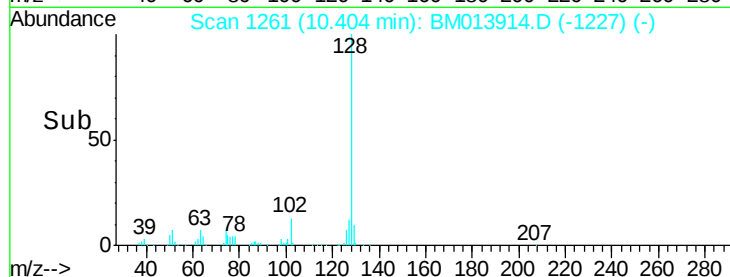
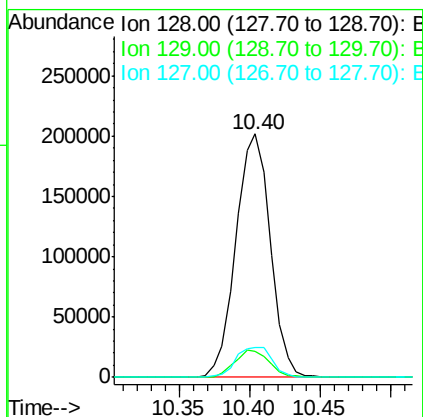
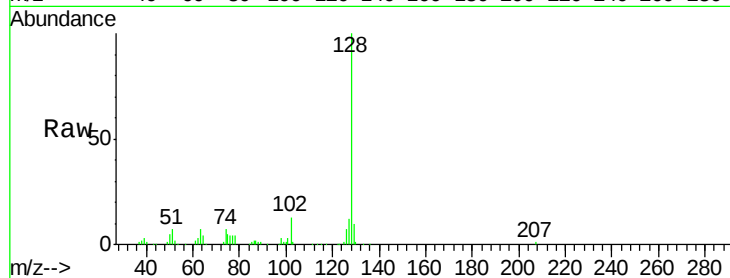




#28
Naphthalene
Concen: 10.884 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

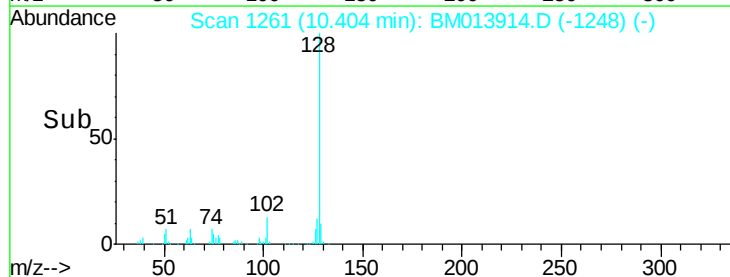
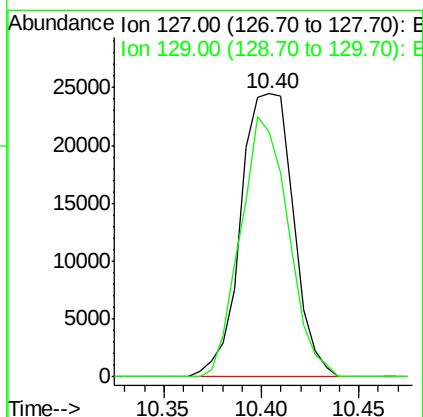
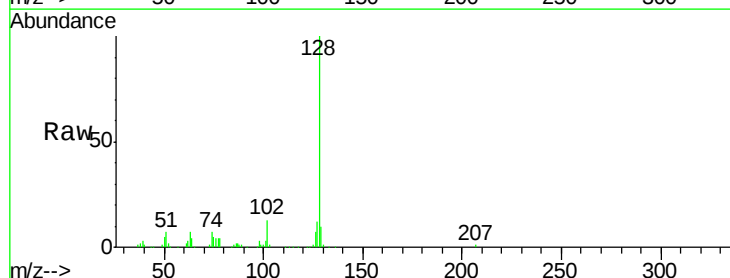
Instrument :
BNA_M
ClientSampleId :

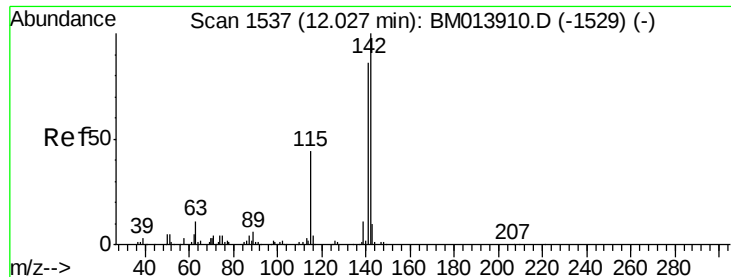
Tot Ion:128 Resp: 344431
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.1 10.6 16.0



#30
4-Chloroaniline
Concen: 5.251 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion:127 Resp: 45517
Ion Ratio Lower Upper
127 100
129 86.3 28.4 42.6#

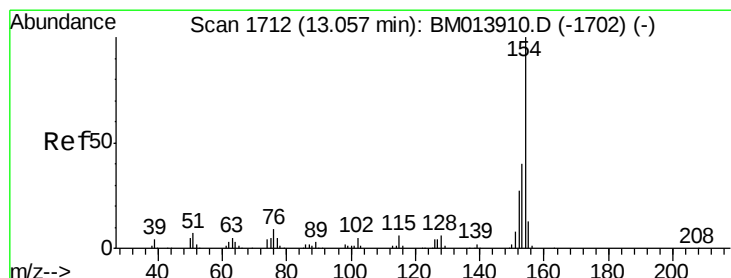
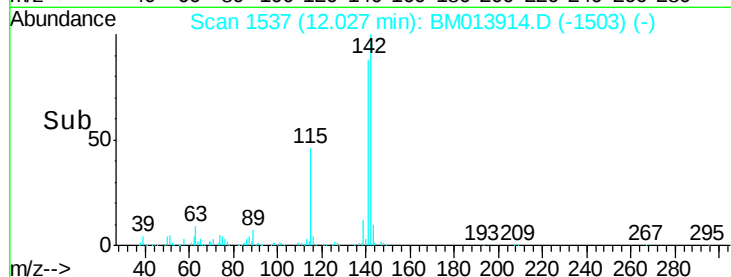
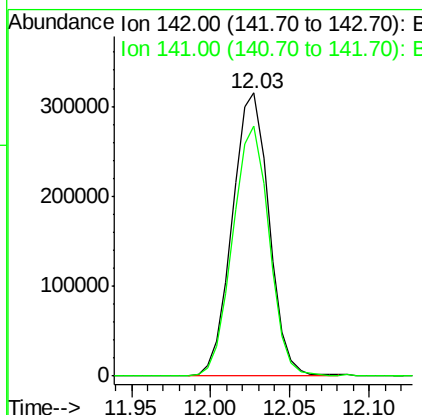
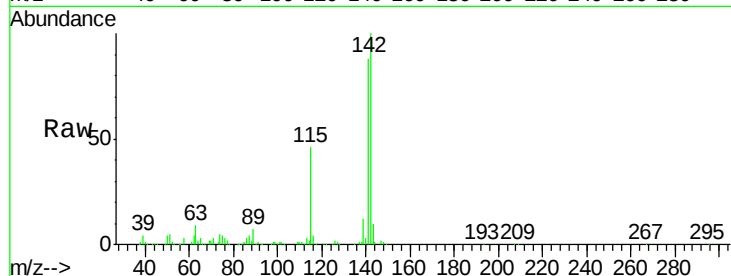




#34
 2-Methylnaphthalene
 Concen: 21.489 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BM013914.D
 Acq: 28 Jan 2018 09:03

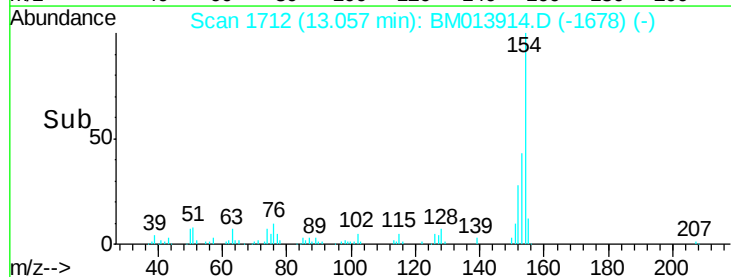
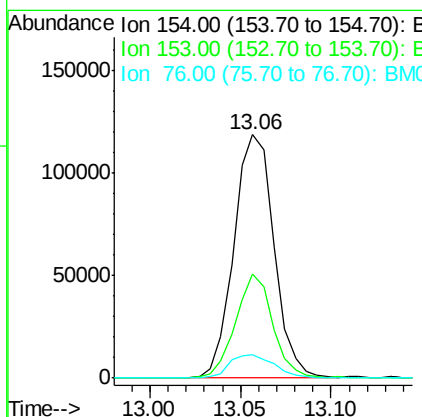
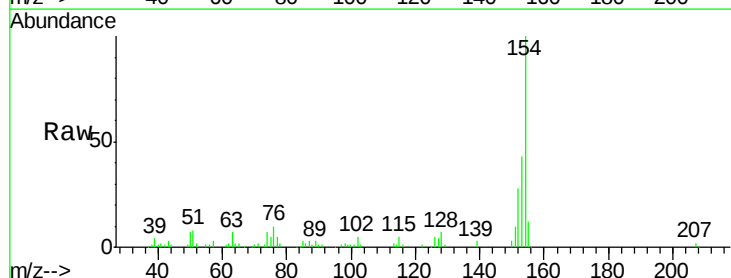
Instrument :
 BNA_M
 ClientSampleId :

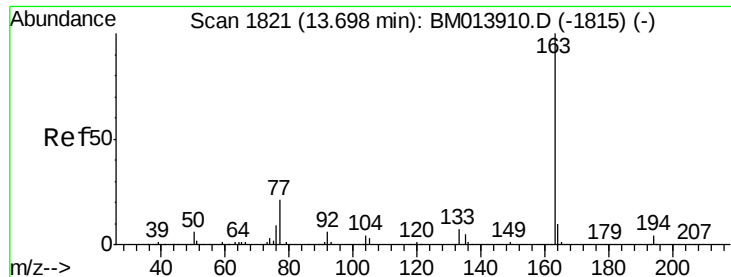
Tot Ion:142 Resp: 507032
 Ion Ratio Lower Upper
 142 100
 141 88.3 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 5.836 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM013914.D
 Acq: 28 Jan 2018 09:03

Tgt Ion:154 Resp: 183423
 Ion Ratio Lower Upper
 154 100
 153 42.6 32.6 48.8
 76 9.9 8.5 12.7

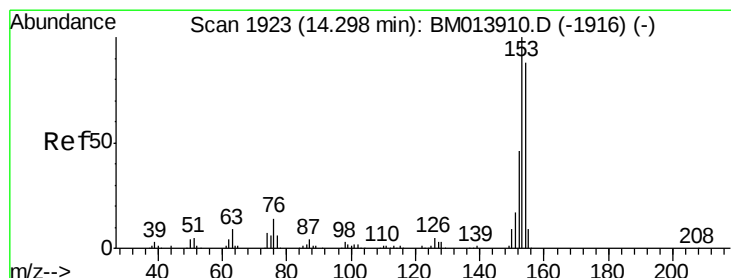
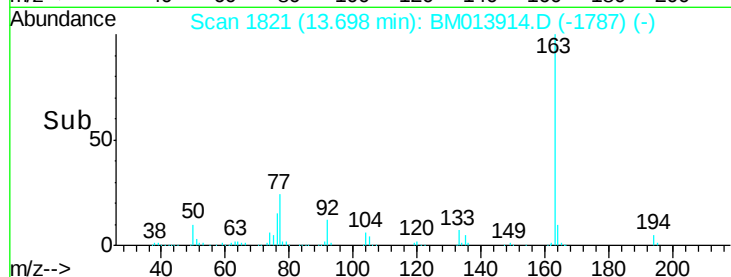
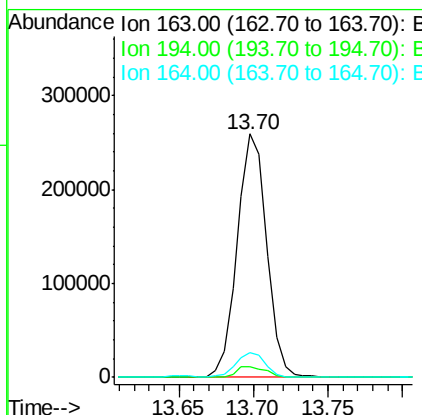
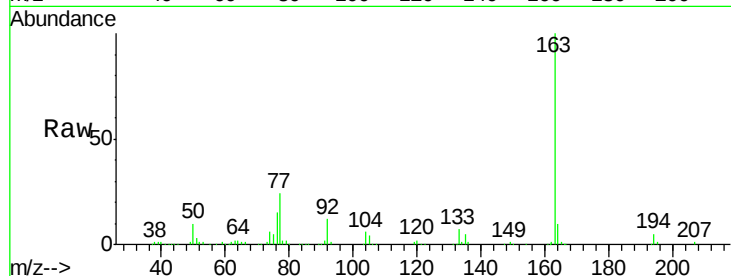




#44
Dimethylphthalate
Concen: 11.687 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

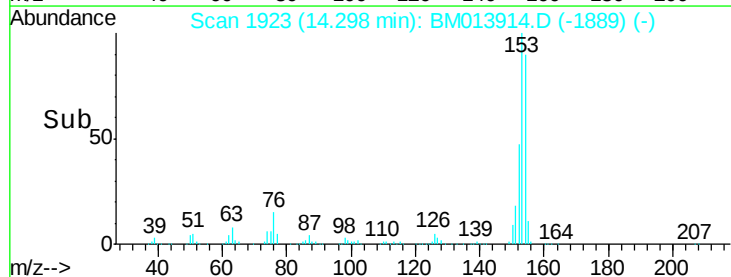
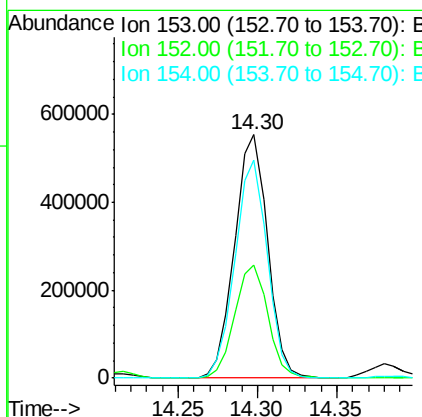
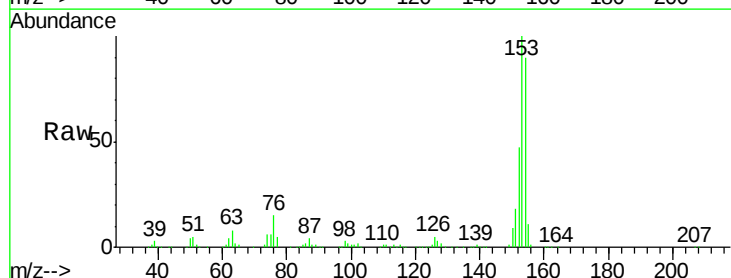
Instrument :
BNA_M
ClientSampleId :

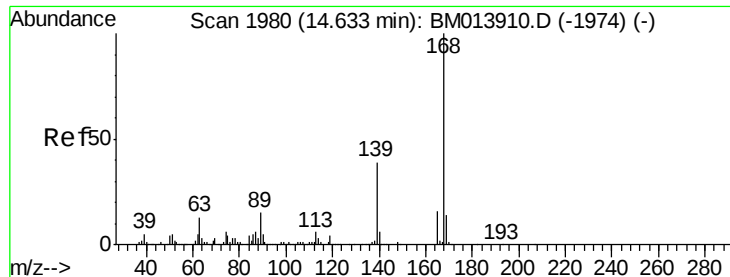
Tot Ion:163 Resp: 357623
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.2 8.2 12.4



#49
Acenaphthene
Concen: 31.922 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion:153 Resp: 802780
Ion Ratio Lower Upper
153 100
152 46.6 37.6 56.4
154 89.7 70.4 105.6





#53

Dibenzenofuran

Concen: 21.388 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

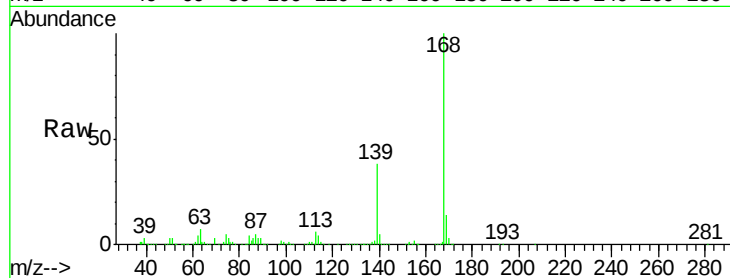
ClientSampleId :

Tot Ion:168 Resp: 809147

Ion Ratio Lower Upper

168 100

139 37.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.63

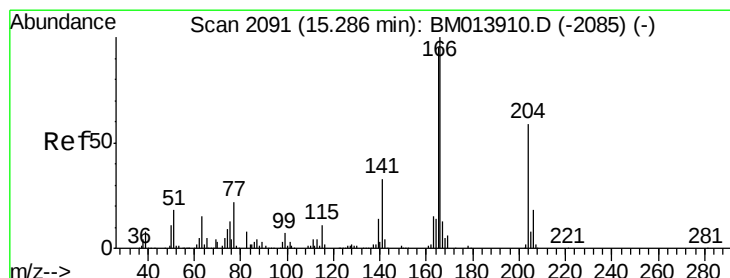
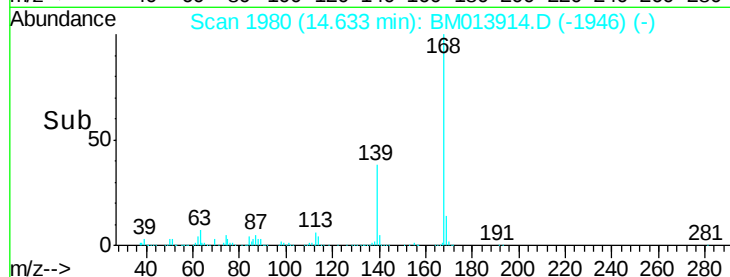
600000

400000

200000

0

Time-->



#58

Fluorene

Concen: 25.878 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

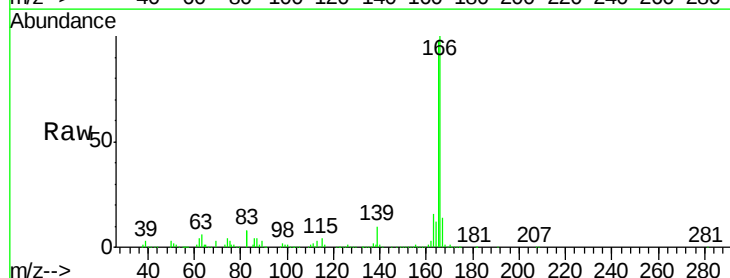
Tgt Ion:166 Resp: 801971

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

167 14.0 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

15.29

800000

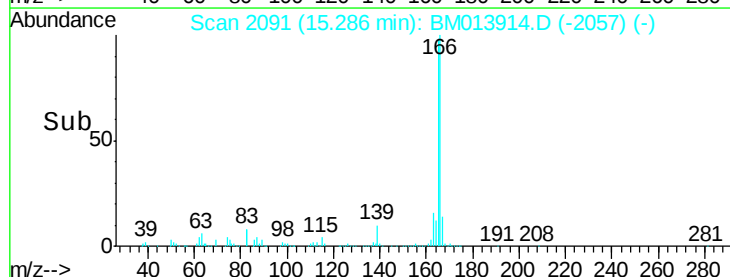
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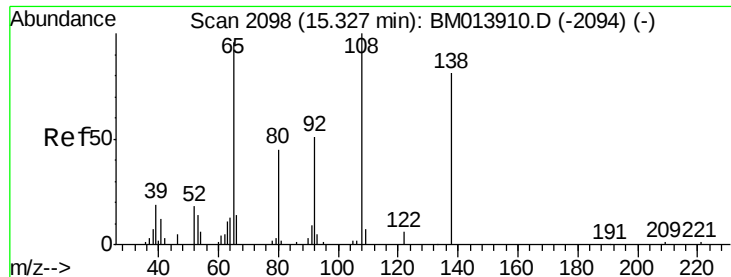
400000

200000

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Time-->

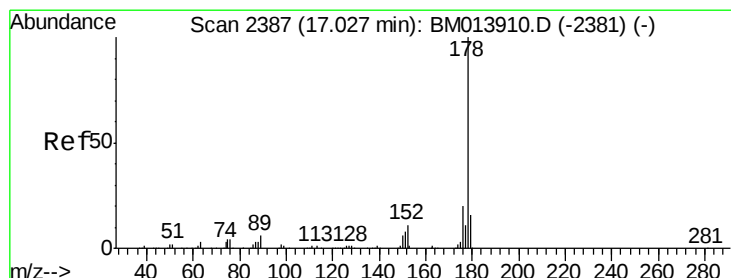
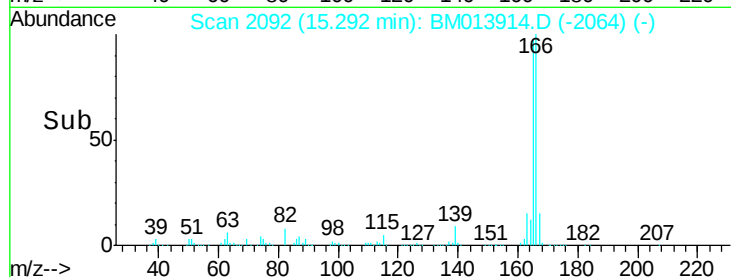
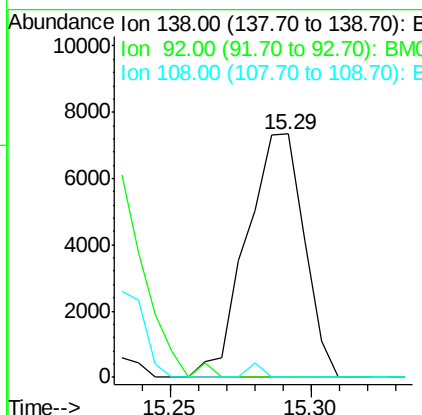
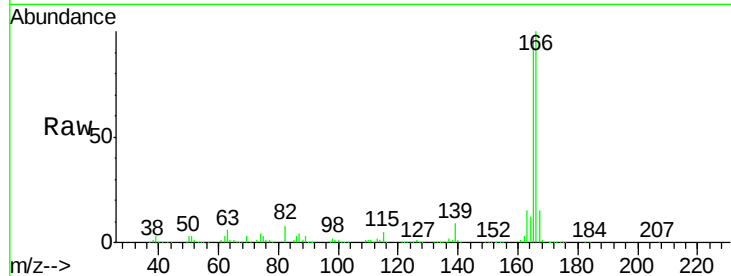




#60
4-Nitroaniline
Concen: 1.908 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

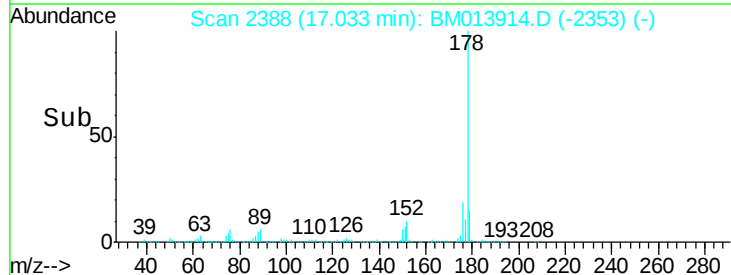
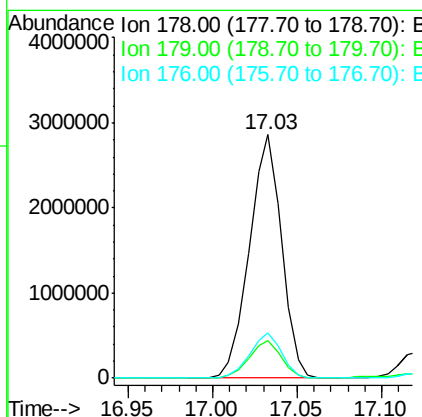
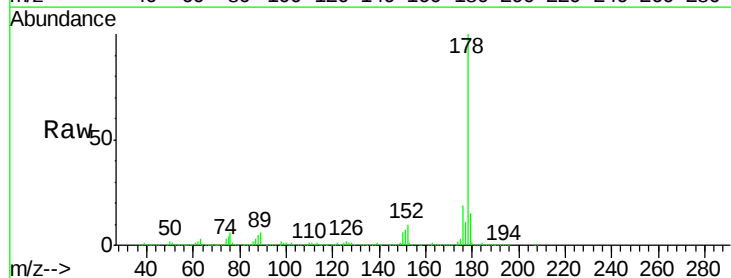
Instrument :
BNA_M
ClientSampleId :

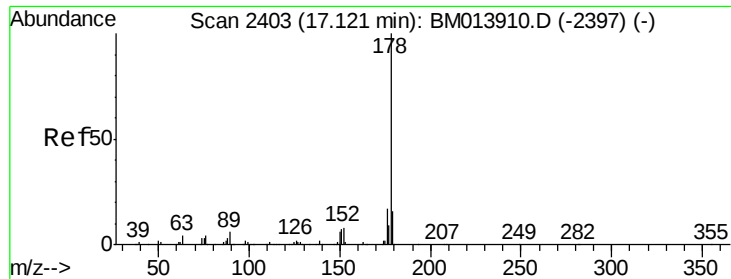
Tot Ion:138 Resp: 10410
Ion Ratio Lower Upper
138 100
92 0.0 40.0 60.0#
108 0.0 80.0 120.0#



#69
Phenanthrene
Concen: 83.405 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion:178 Resp: 3798792
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.6 14.9 22.3

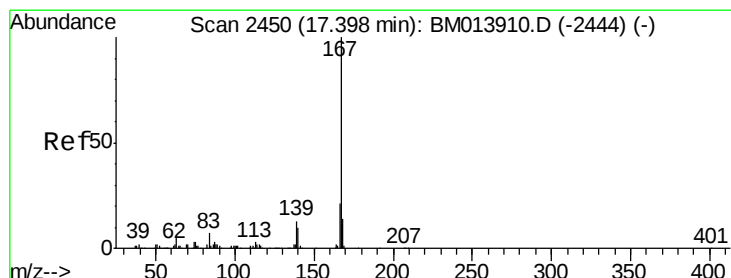
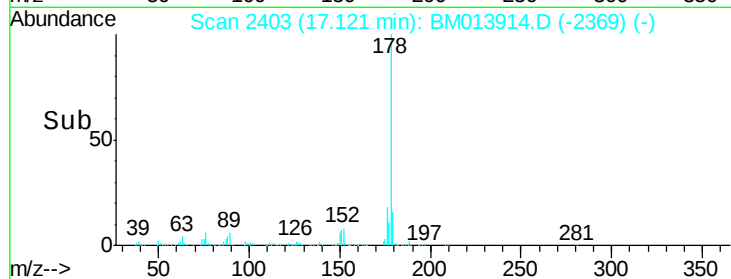
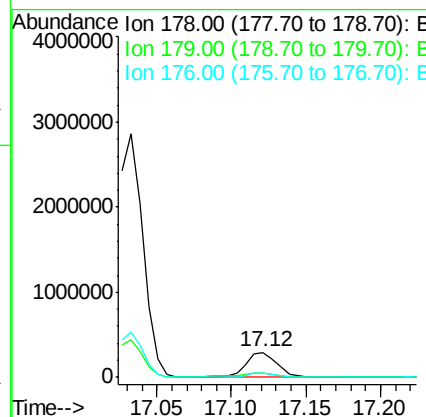
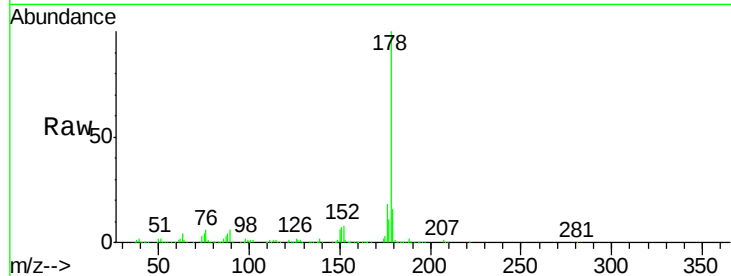




#71
 Anthracene
 Concen: 8.984 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BM013914.D
 Acq: 28 Jan 2018 09:03

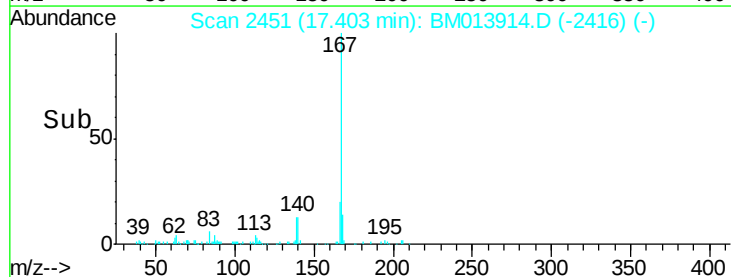
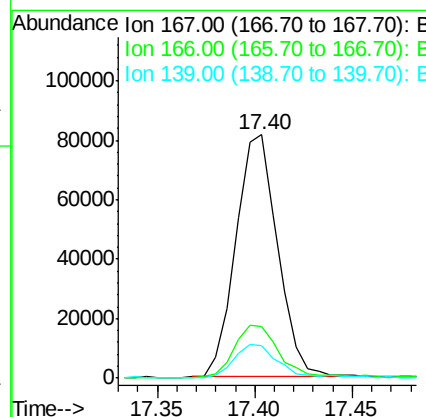
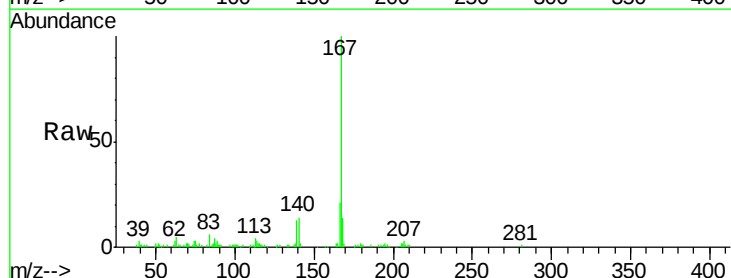
Instrument :
 BNA_M
 ClientSampleId :

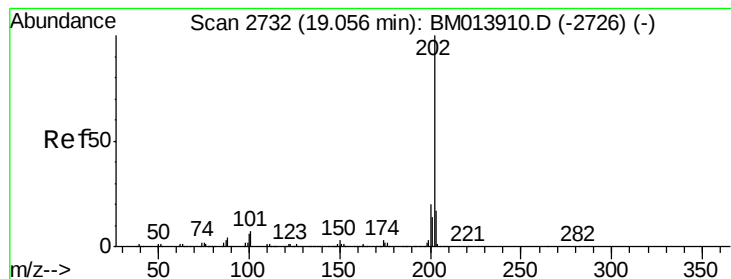
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	18.2	14.6	21.8



#72
 Carbazole
 Concen: 3.113 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BM013914.D
 Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	13.3	10.0	15.0





#74

Fluoranthene

Concen: 38.527 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampleId :

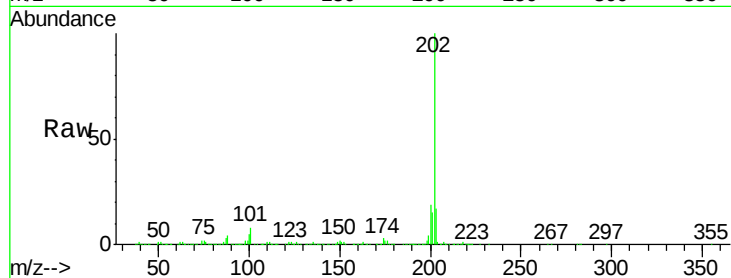
Tot Ion:202 Resp: 2094609

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

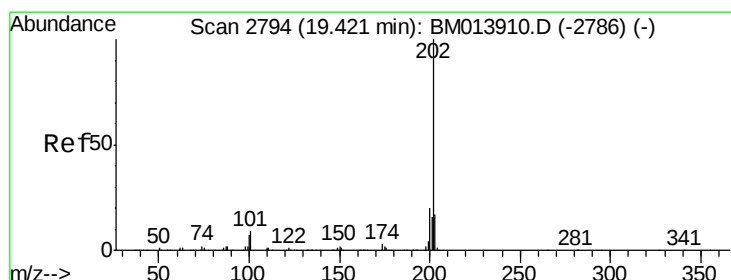
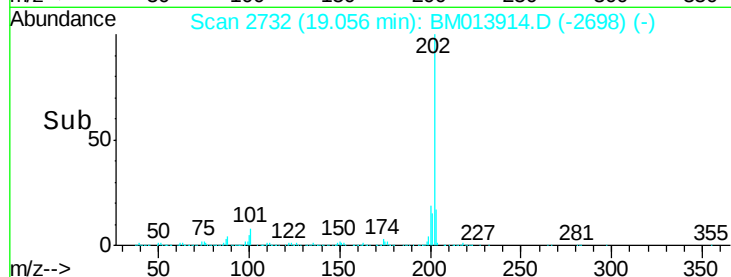
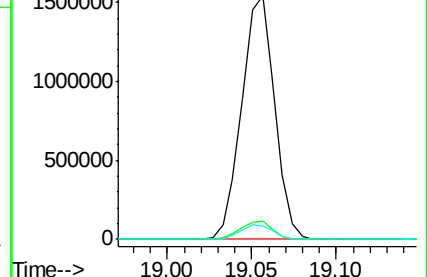
100 5.3 3.4 5.2#



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: 25.680 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

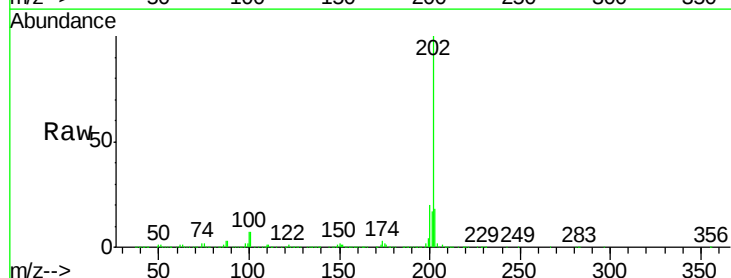
Tgt Ion:202 Resp: 1352877

Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

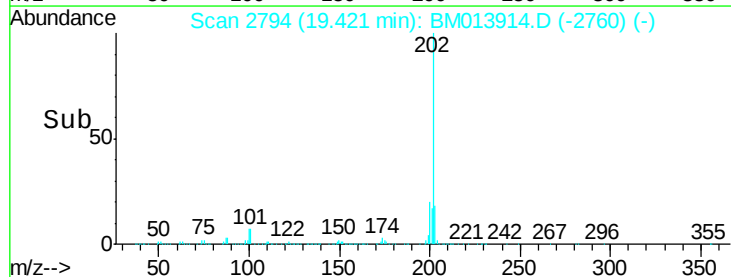
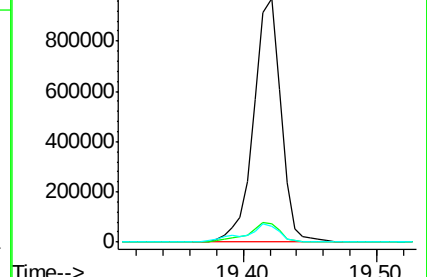
100 6.6 4.9 7.3

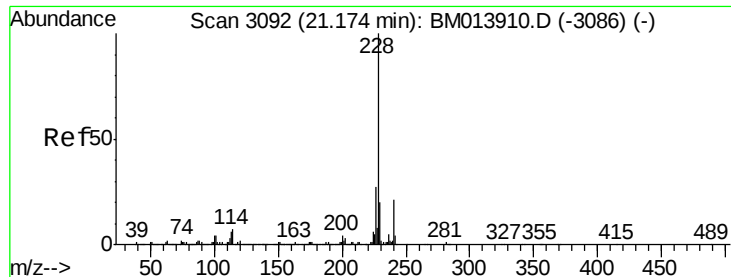


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.416 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampled :

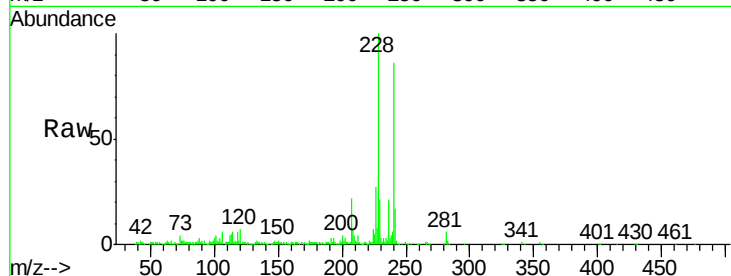
Tot Ion:228 Resp: 283581

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.1	21.4	32.0

228 100

229 20.9 15.4 23.0

226 27.1 21.4 32.0

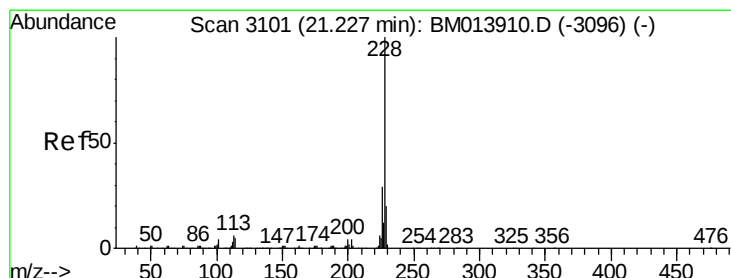
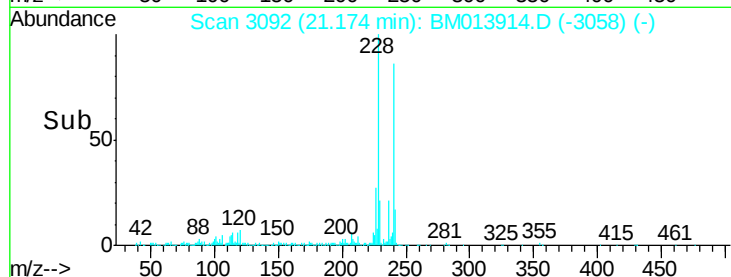
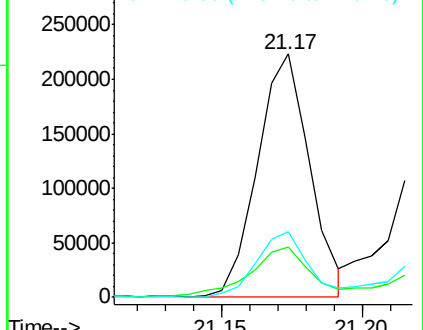


Abundance

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: 4.916 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

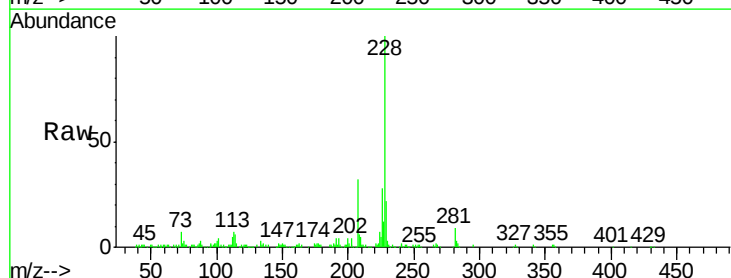
Tgt Ion:228 Resp: 236157

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	21.8	15.5	23.3

228 100

226 28.3 23.4 35.2

229 21.8 15.5 23.3

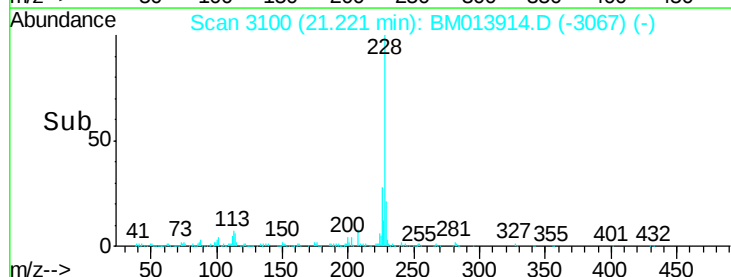
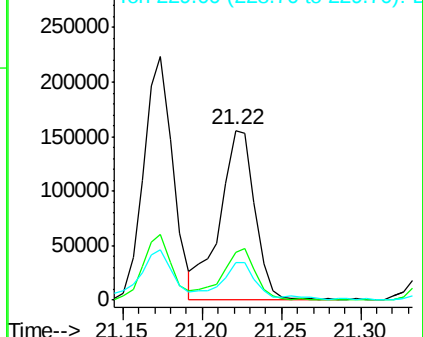


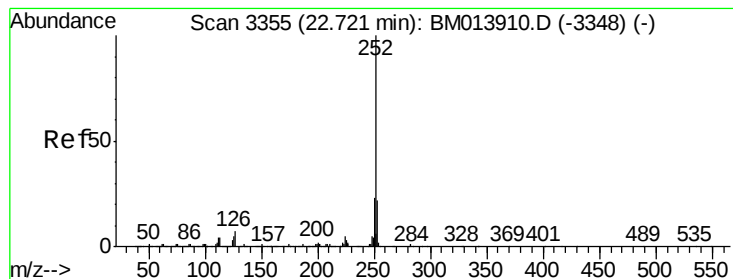
Abundance

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: 2.656 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampleId :

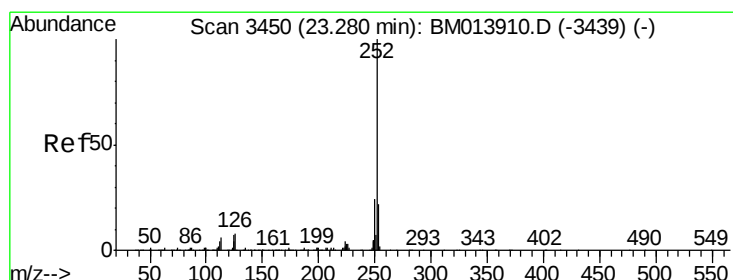
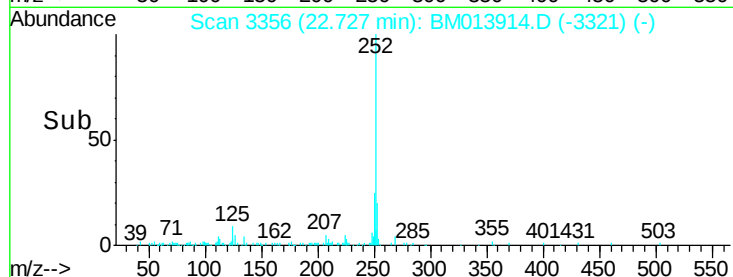
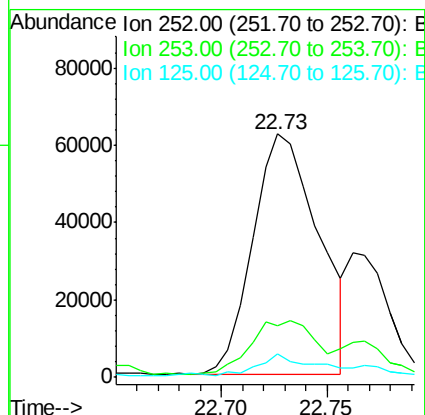
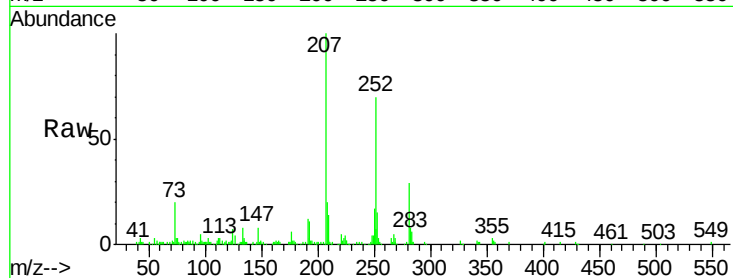
Tot Ion:252 Resp: 134410

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

125 9.8 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 1.514 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Tgt Ion:252 Resp: 72397

Ion Ratio Lower Upper

252 100

253 26.9 18.2 27.2

125 7.3 4.0 6.0#

