

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018247.D
 Acq On : 3 Aug 2015 17:58
 Operator : UM/TP
 Sample : G3109-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J3

Quant Time: Aug 04 02:55:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	25467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	123801	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	85005	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	207106	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	214443	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	177932	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	1381	4.09	ng/uL	0.00
5) Phenol-d5	6.66	99	43656	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	21933	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	33728	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	25464	13.65	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	17960	18.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	21333	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	40080	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	36733	14.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	136416	20.77	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	141398	18.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17369	14.29	ng/ul	0.00
58) Fluorene-d10	15.14	176	113496	19.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	12830	8.87	ng/ul	0.00
71) Anthracene-d10	16.99	188	162511	18.05	ng/ul	0.00
79) Pyrene-d10	19.30	212	178613	17.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	158734	17.64	ng/ul	0.00

Target Compounds

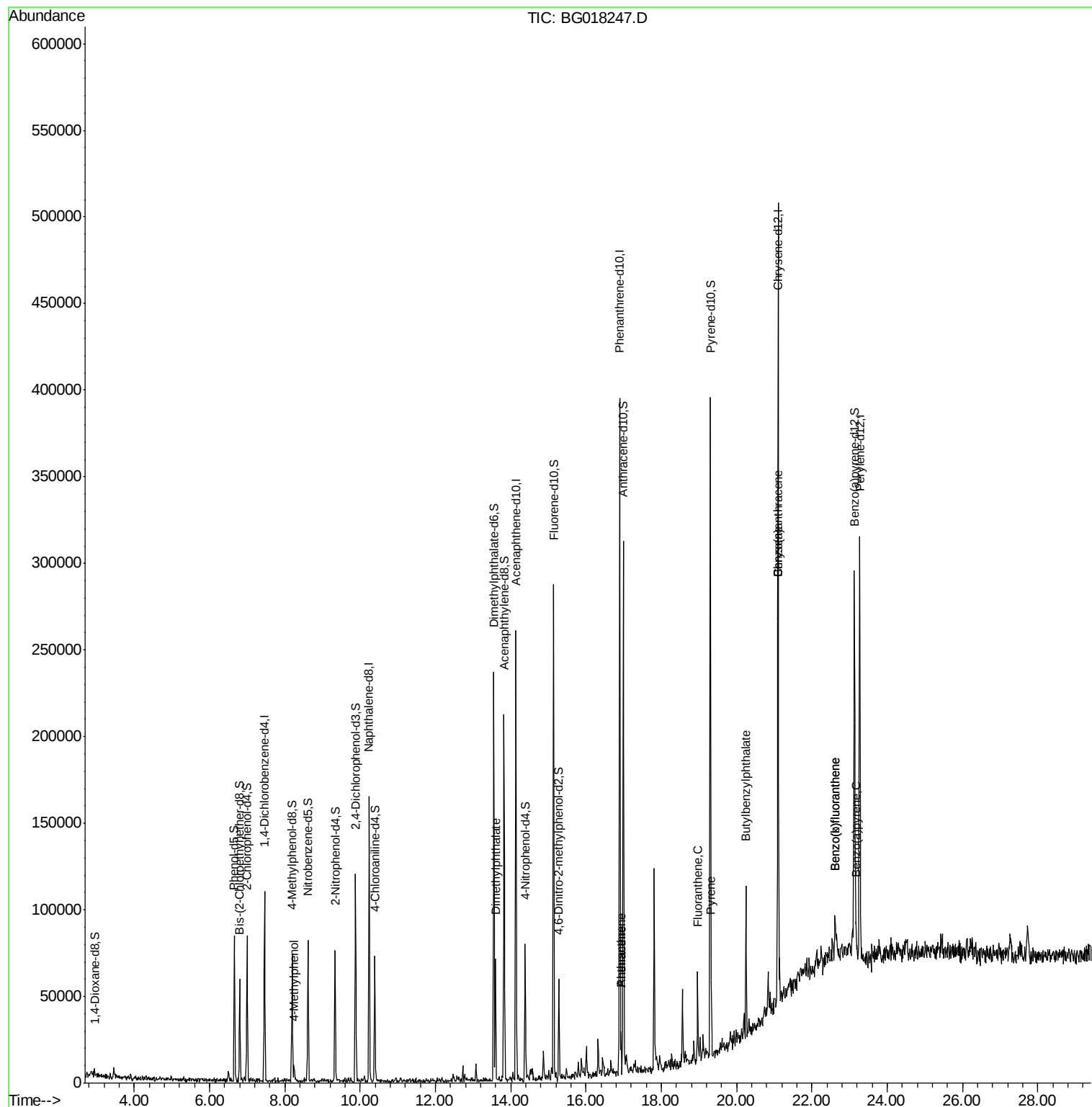
						Qvalue
16) 4-Methylphenol	8.25	108	3341	1.64	ng/ul#	77
45) Dimethylphthalate	13.60	163	37853	5.79	ng/ul	98
70) Phenanthrene	16.94	178	12662	1.20	ng/ul	97
72) Anthracene	16.94	178	12662	1.21	ng/ul	98
77) Fluoranthene	18.96	202	25822	2.23	ng/ul#	94
80) Pyrene	19.33	202	24810	1.91	ng/ul#	95
81) Butylbenzylphthalate	20.25	149	24856	4.70	ng/ul#	82
83) Benzo(a)anthracene	21.08	228	12413	1.07	ng/ul	96
85) Chrysene	21.08	228	12413	1.17	ng/ul	95
88) Benzo(b)fluoranthene	22.62	252	16398	1.53	ng/ul#	84
89) Benzo(k)fluoranthene	22.62	252	16398	1.67	ng/ul#	85
91) Benzo(a)pyrene	23.18	252	11835	1.24	ng/ul#	92

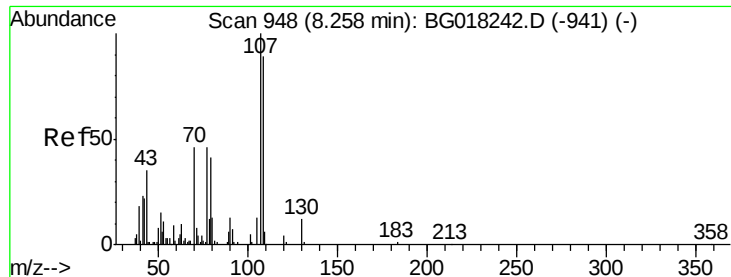
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
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Acq On : 3 Aug 2015 17:58
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J3

Quant Time: Aug 04 02:55:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration





#16

4-Methylphenol

Concen: 1.64 ng/ul

RT: 8.25 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

Instrument :

BNA_G

ClientSampleId :

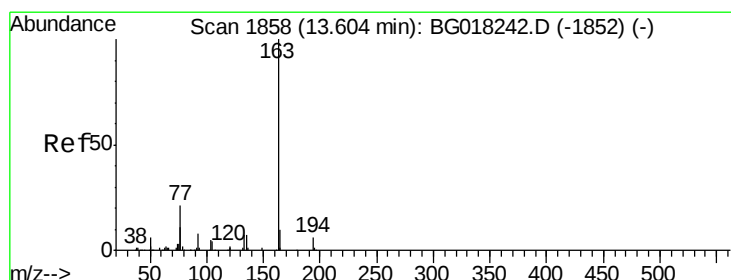
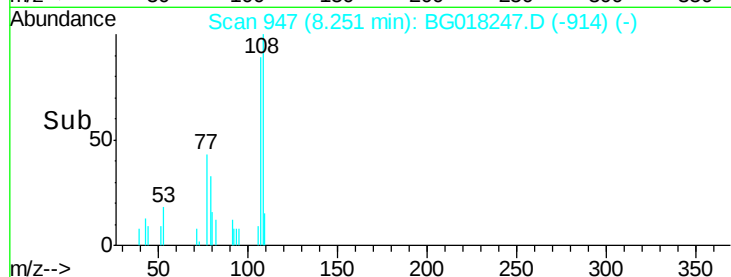
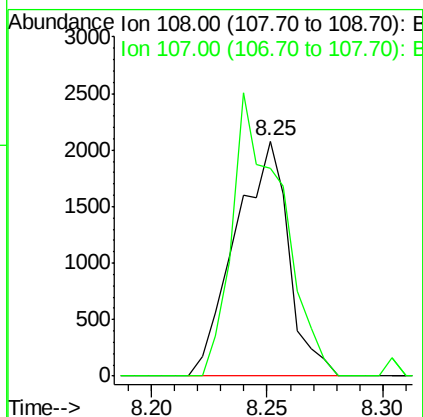
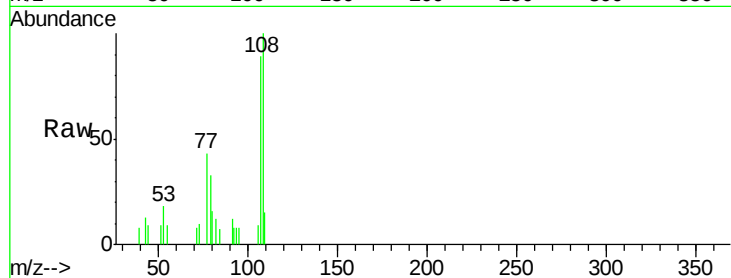
C01J3

Tgt Ion:108 Resp: 3341

Ion Ratio Lower Upper

108 100

107 88.6 90.4 135.6#



#45

Dimethylphthalate

Concen: 5.79 ng/ul

RT: 13.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

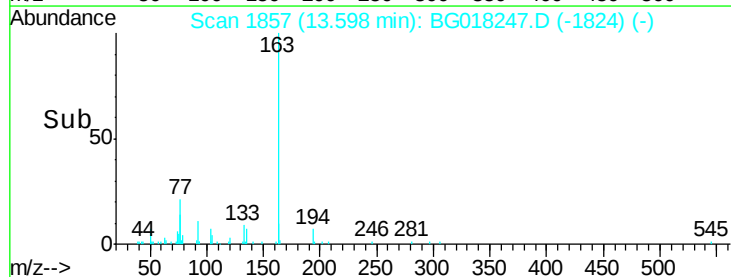
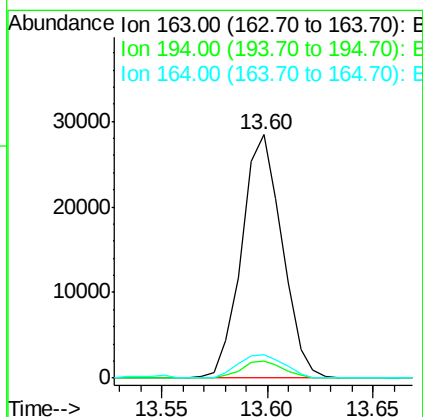
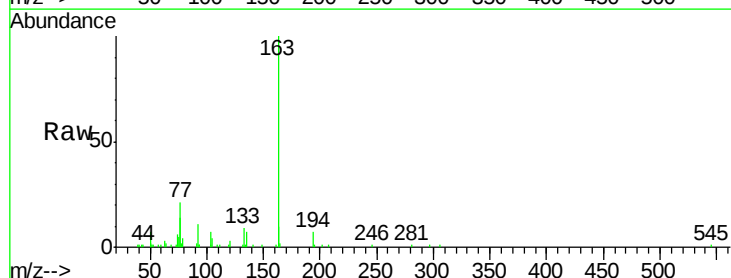
Tgt Ion:163 Resp: 37853

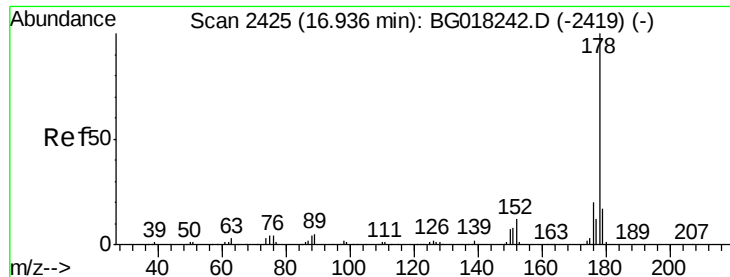
Ion Ratio Lower Upper

163 100

194 6.9 5.2 7.8

164 9.6 8.4 12.6





#70

Phenanthrene

Concen: 1.20 ng/ul

RT: 16.94 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

Instrument :

BNA_G

ClientSampleId :

C01J3

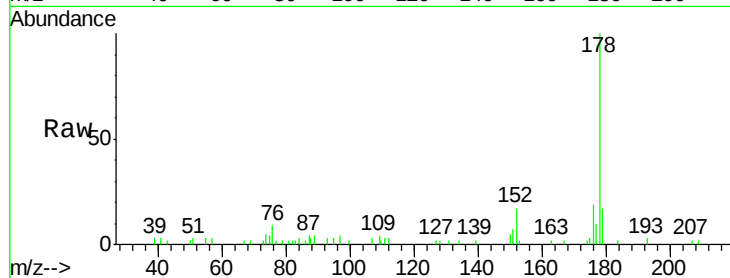
Tgt Ion:178 Resp: 12662

Ion Ratio Lower Upper

178 100

179 17.2 12.8 19.2

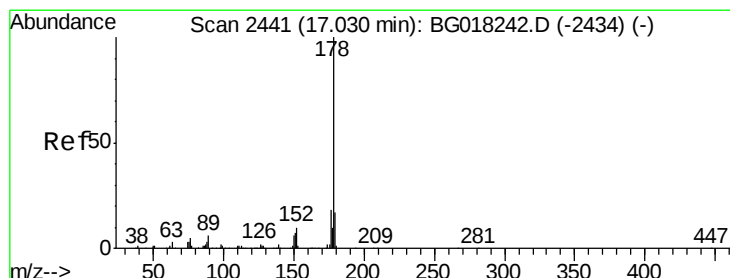
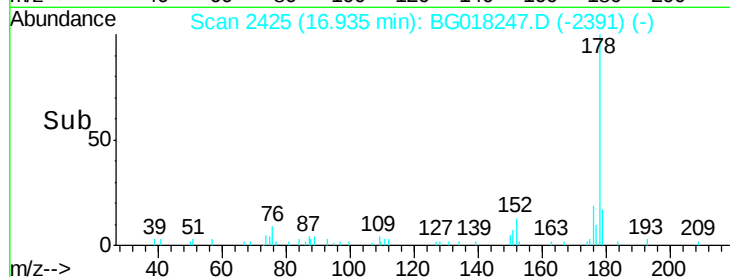
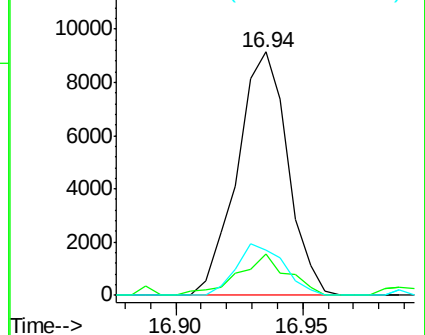
176 18.7 16.0 24.0



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

Anthracene

Concen: 1.21 ng/ul

RT: 16.94 min Scan# 2425

Delta R.T. -0.09 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

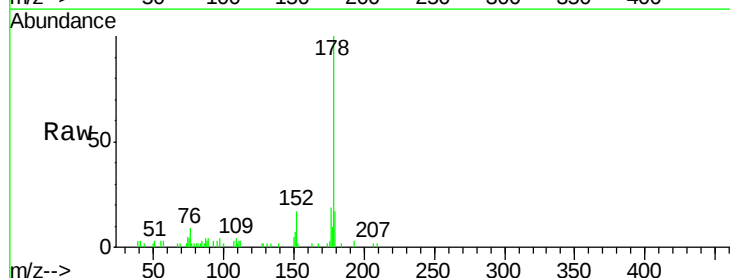
Tgt Ion:178 Resp: 12662

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.2

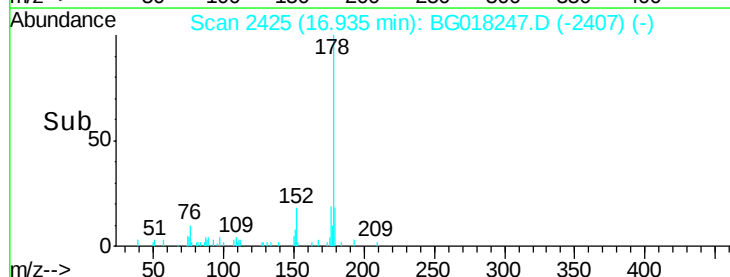
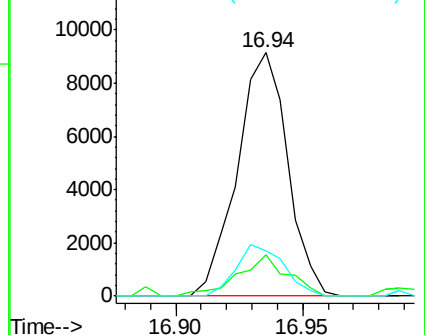
176 18.7 14.8 22.2

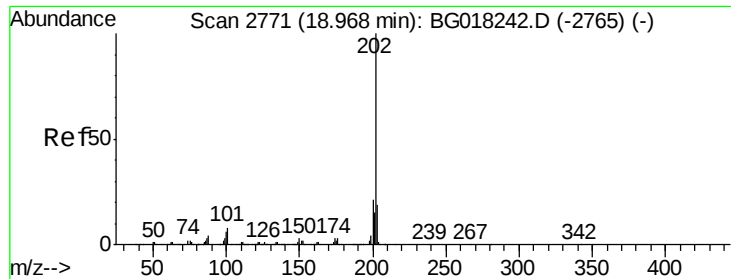


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

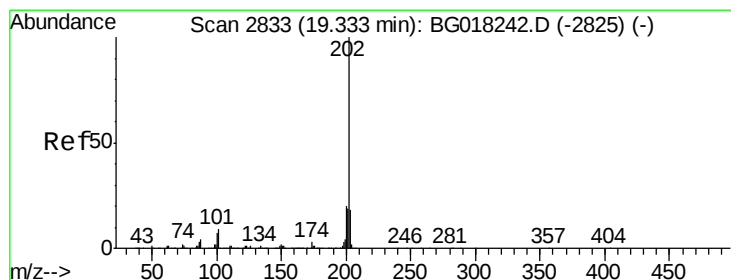
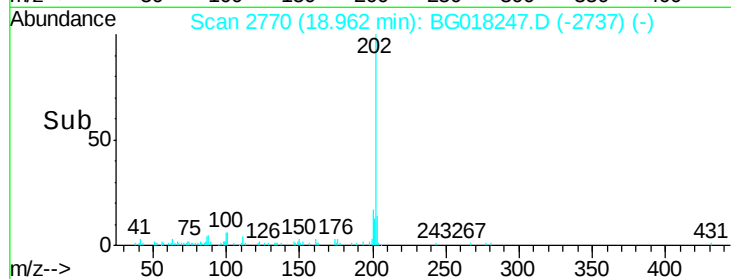
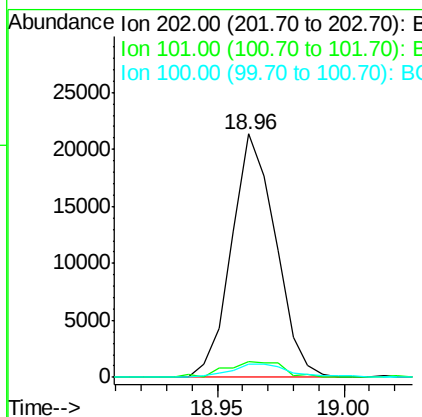
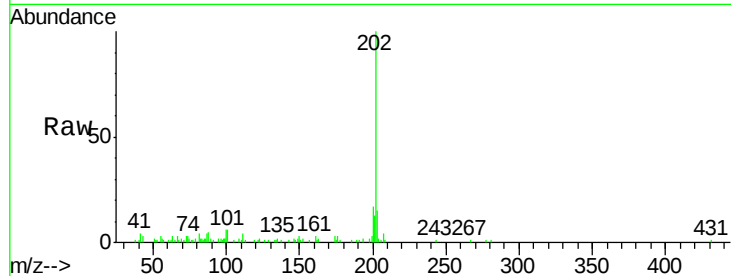




#77
 Fluoranthene
 Concen: 2.23 ng/ul
 RT: 18.96 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BG018247.D
 Acq: 3 Aug 2015 17:58

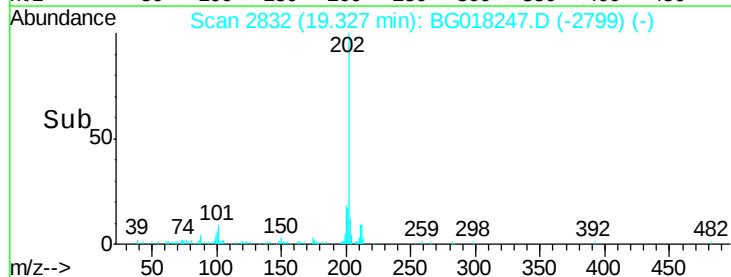
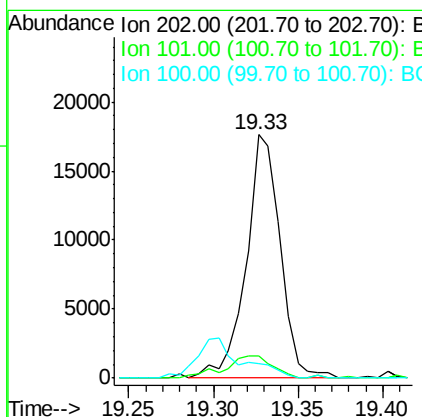
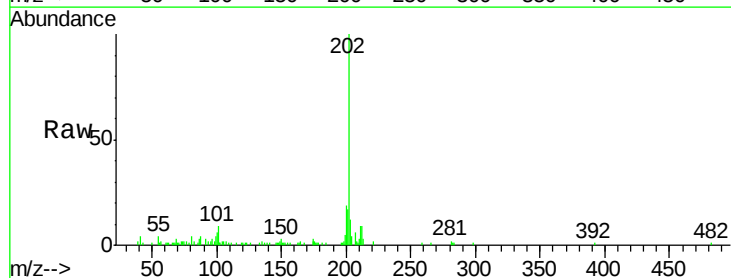
Instrument :
 BNA_G
 ClientSampled :
 C01J3

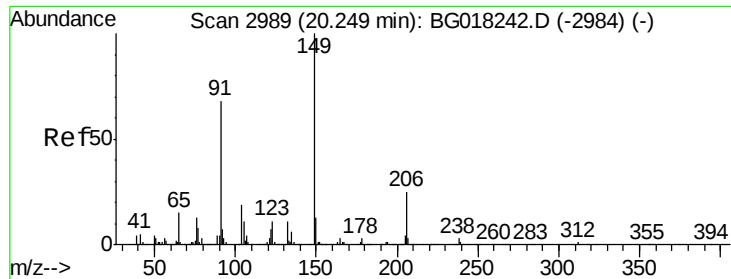
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	7.5	11.3#
100	5.6	5.5	8.3



#80
 Pyrene
 Concen: 1.91 ng/ul
 RT: 19.33 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BG018247.D
 Acq: 3 Aug 2015 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.1	12.1
100	5.9	7.4	11.0#

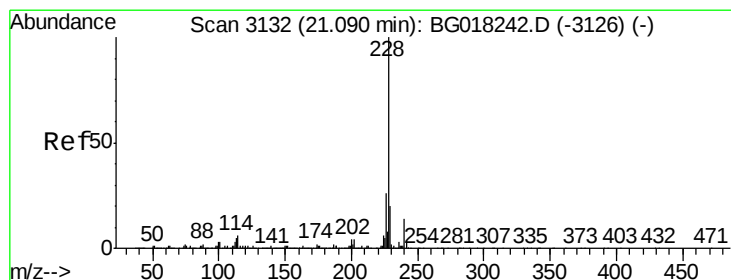
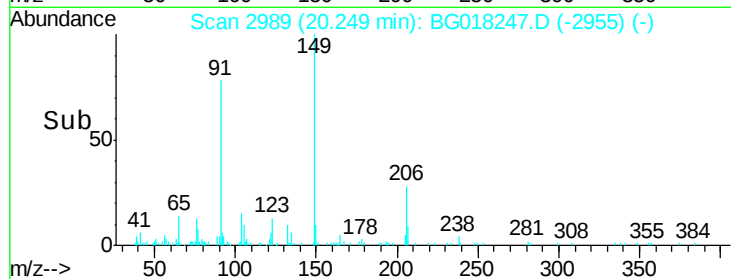
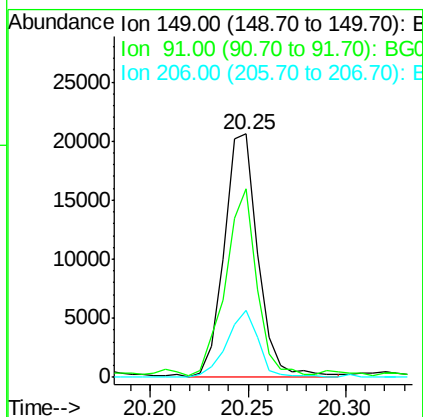
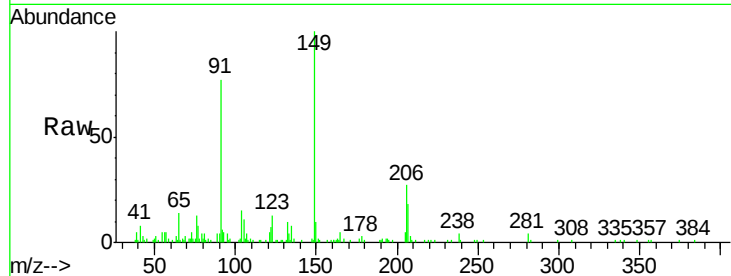




#81
Butylbenzylphthalate
Concen: 4.70 ng/ul
RT: 20.25 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BG018247.D
Acq: 3 Aug 2015 17:58

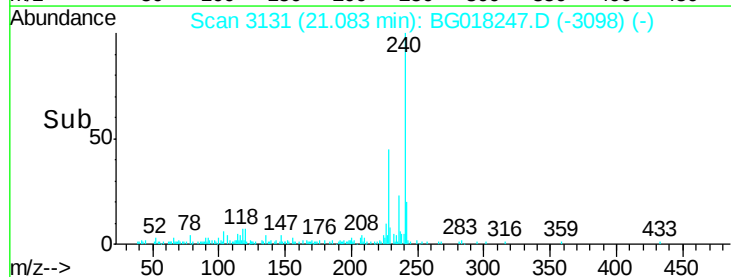
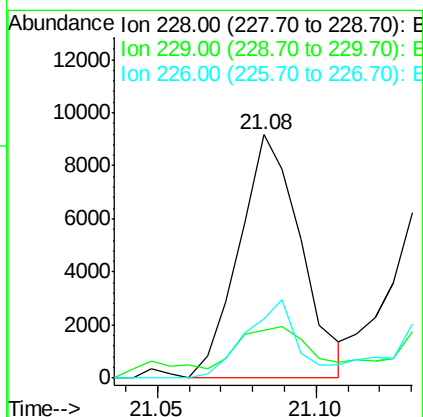
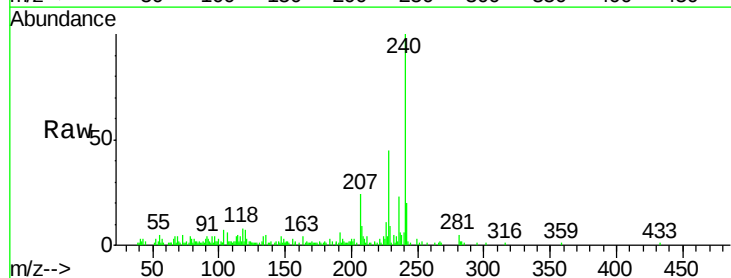
Instrument :
BNA_G
ClientSampled :
C01J3

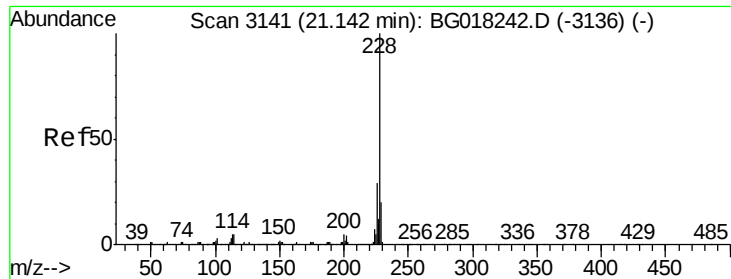
Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.4	46.6	69.8#
206	27.5	21.8	32.8



#83
Benzo(a)anthracene
Concen: 1.07 ng/ul
RT: 21.08 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG018247.D
Acq: 3 Aug 2015 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.5	24.7
226	24.1	21.5	32.3





#85

Chrysene

Concen: 1.17 ng/ul

RT: 21.08 min Scan# 3131

Delta R.T. -0.06 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

Instrument :

BNA_G

ClientSampleId :

C01J3

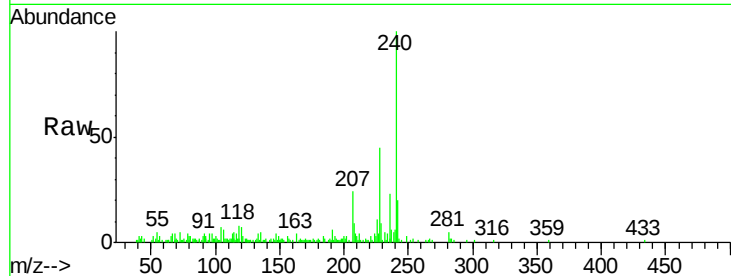
Tgt Ion:228 Resp: 12413

Ion Ratio Lower Upper

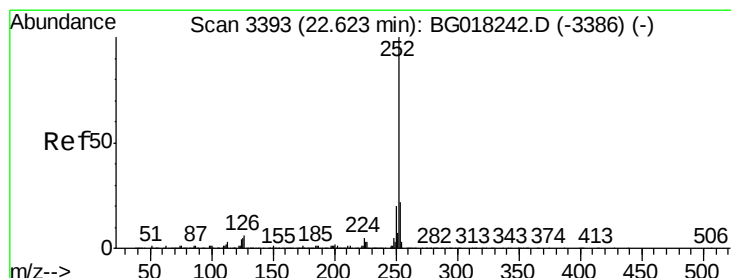
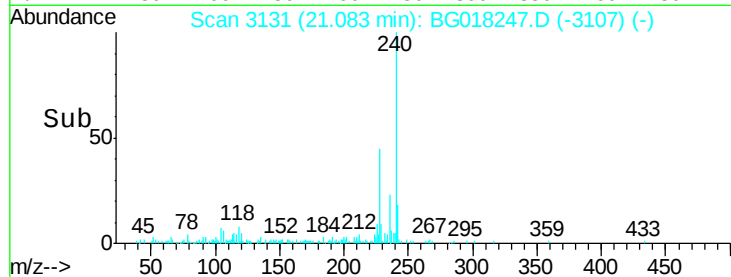
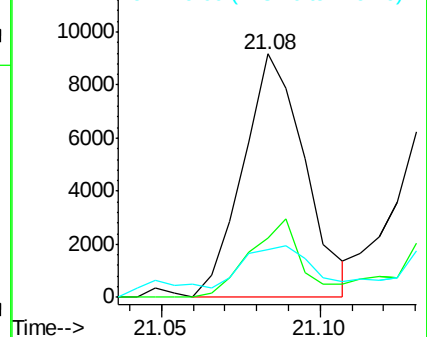
228 100

226 24.1 22.7 34.1

229 19.6 16.2 24.2



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



#88

Benzo(b)fluoranthene

Concen: 1.53 ng/ul

RT: 22.62 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

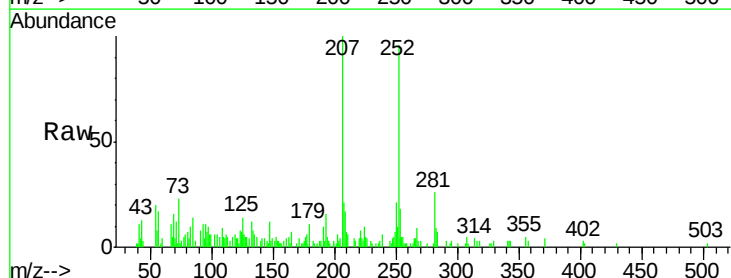
Tgt Ion:252 Resp: 16398

Ion Ratio Lower Upper

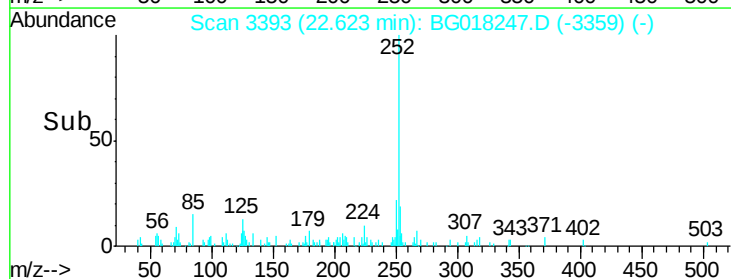
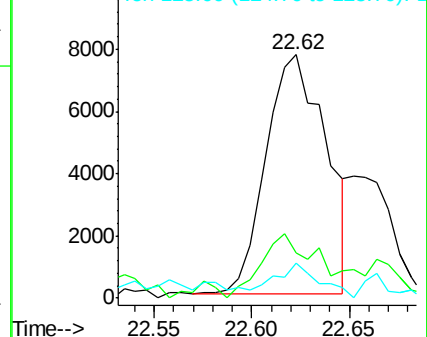
252 100

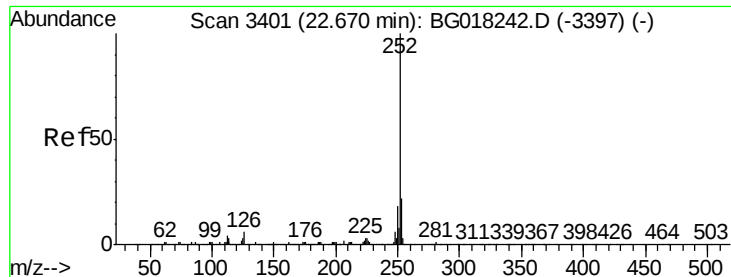
253 18.8 18.5 27.7

125 21.2 7.4 11.0#



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





#89

Benzo(k)fluoranthene

Concen: 1.67 ng/ul

RT: 22.62 min Scan# 3393

Delta R.T. -0.05 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

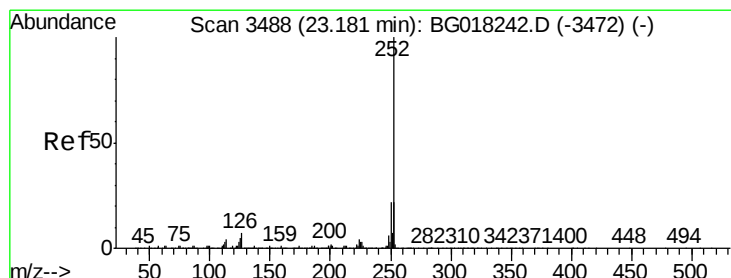
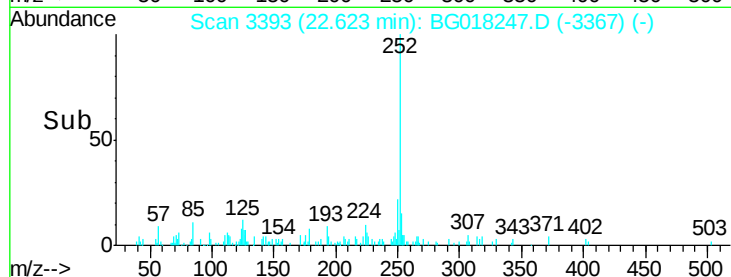
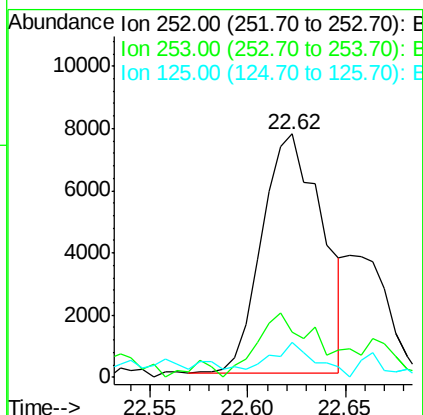
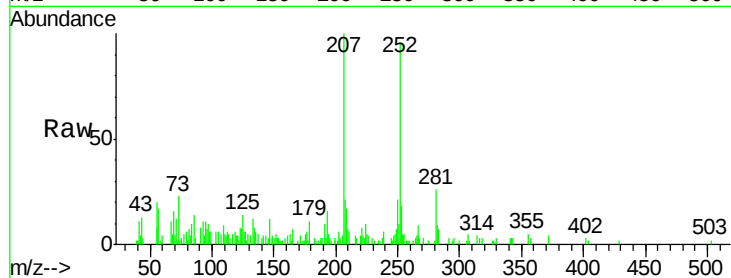
Instrument :

BNA_G

ClientSampled :

C01J3

Tgt Ion:	252	Resp:	16398
Ion Ratio	Lower	Upper	
252	100		
253	18.8	18.2	27.2
125	21.2	7.5	11.3#



#91

Benzo(a)pyrene

Concen: 1.24 ng/ul

RT: 23.18 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BG018247.D

Acq: 3 Aug 2015 17:58

Tgt Ion:	252	Resp:	11835
Ion Ratio	Lower	Upper	
252	100		
253	20.2	17.4	26.2
125	15.5	7.3	10.9#

