

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
 Data File : BG018860.D
 Acq On : 23 Sep 2015 20:53
 Operator : UM/NP
 Sample : G3759-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAD5

Manual Integrations
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 9/24/2015 4:41:02 PM

Quant Time: Sep 24 11:11:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 04:11:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	76770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	305192	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	184127	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	424327	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	548426	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	564047	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	6488	4.06	ng/uL	0.00
5) Phenol-d5	7.16	99	140705	22.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	97358	26.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	115722	24.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	111822	21.86	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	57663	24.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	67562	29.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	120556	24.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	331669	58.23	ng/ul	-0.01
44) Dimethylphthalate-d6	14.03	166	320123	21.60	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	387370	22.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	71952	25.30	ng/ul	0.00
58) Fluorene-d10	15.62	176	261533	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	33572	16.71	ng/ul	0.00
71) Anthracene-d10	17.47	188	394632	21.12	ng/ul	0.00
79) Pyrene-d10	19.75	212	461940	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	498829	18.17	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
24) 2,4-Dimethylphenol	10.02	107	24274m	4.47	ng/ul	
34) 2-Methylnaphthalene	12.46	142	270318	23.56	ng/ul	96
35) 1-Methylnaphthalene	12.69	142	238808	21.72	ng/ul#	99
41) 1,1'-Biphenyl	13.47	154	54520	3.91	ng/ul	99
45) Dimethylphthalate	14.08	163	140315	9.77	ng/ul#	84
59) Fluorene	15.68	166	105953	7.10	ng/ul#	86
70) Phenanthrene	17.42	178	226405	10.50	ng/ul#	94
77) Fluoranthene	19.42	202	29854	1.25	ng/ul	99
80) Pvrene	19.78	202	38218	1.19	ng/ul	97

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

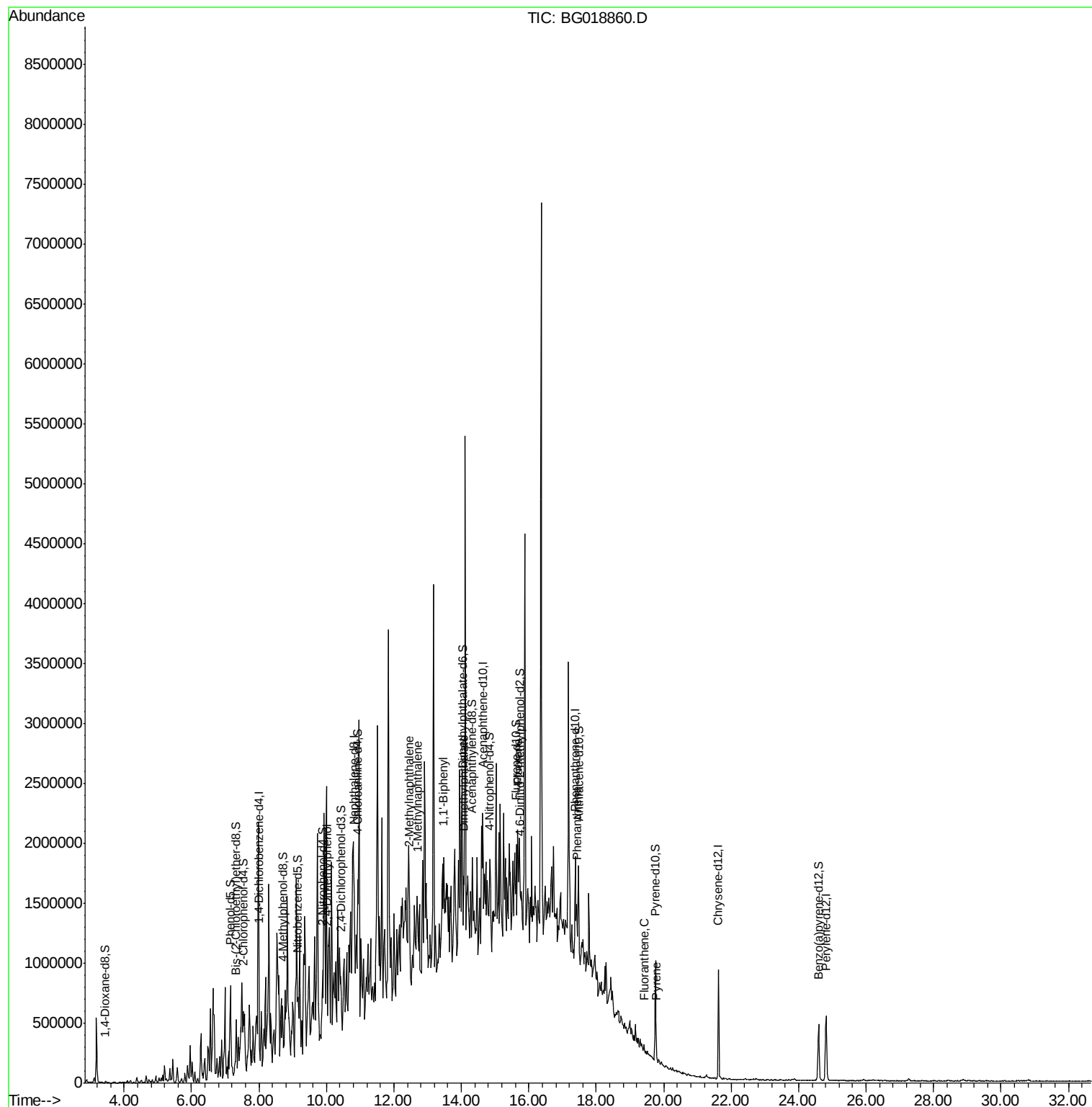
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018860.D
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ALS Vial : 16 Sample Multiplier: 1

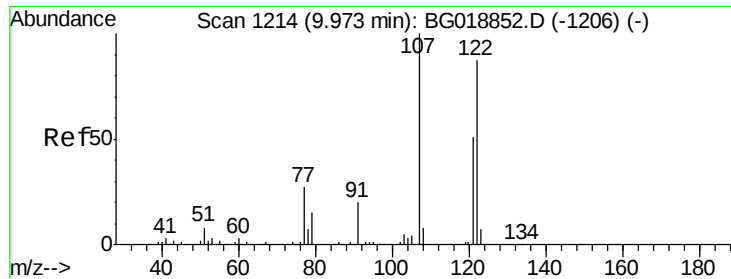
Instrument :
BNA_G
ClientSampleId :
JHAD5

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 4.47 ng/ul m

RT: 10.02 min Scan# 1222

Delta R.T. 0.04 min

Lab File: BG018860.D

Acq: 23 Sep 2015 20:53

Instrument :

BNA_G

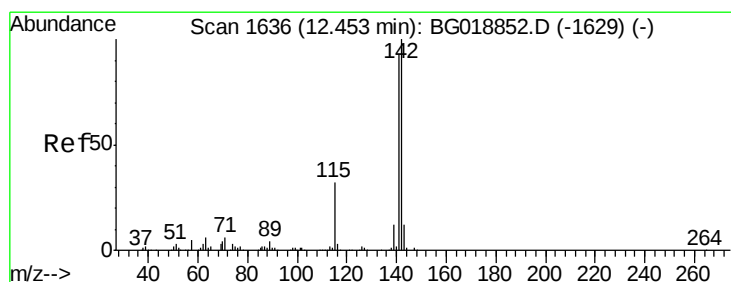
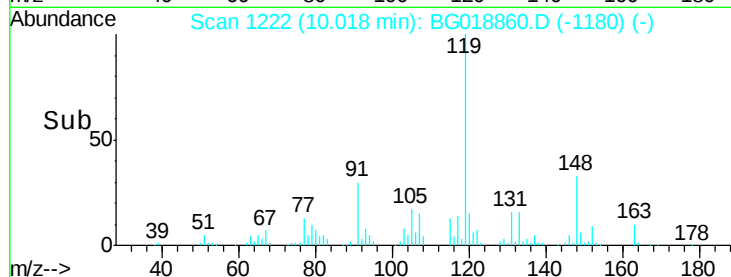
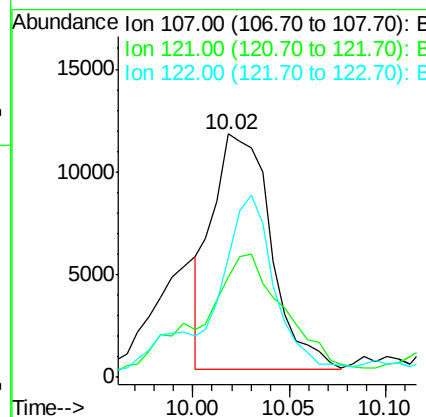
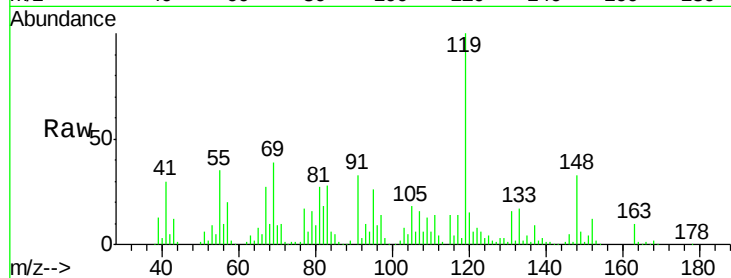
ClientSampleId :

JHAD5

Tot Ion	Ratio	Lower	Upper
107	100		
121	41.4	41.3	61.9
122	49.1	71.9	107.9#

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#34

2-Methylnaphthalene

Concen: 23.56 ng/ul

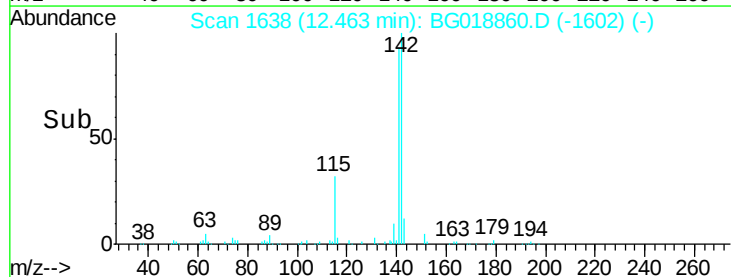
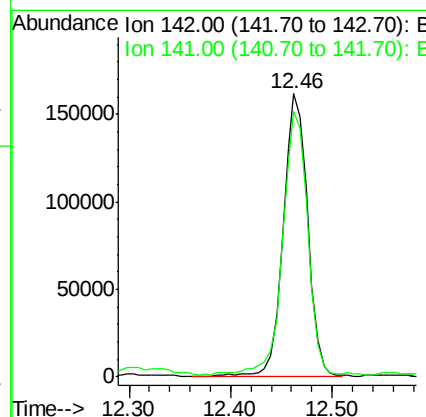
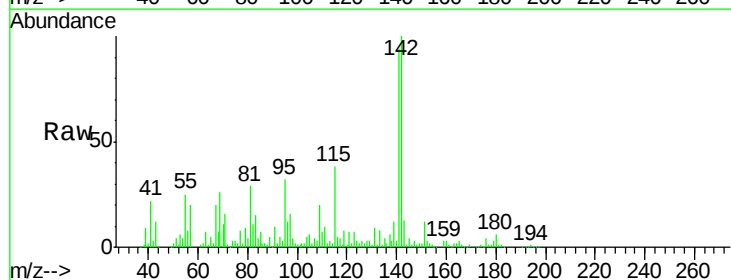
RT: 12.46 min Scan# 1638

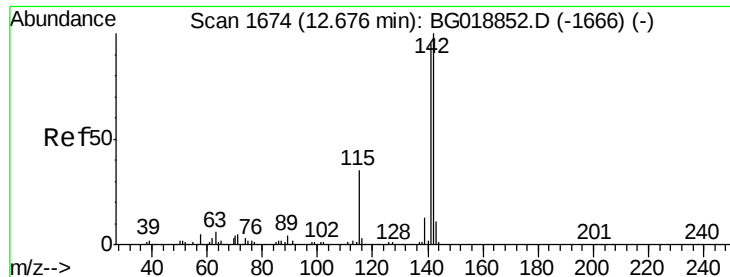
Delta R.T. 0.01 min

Lab File: BG018860.D

Acq: 23 Sep 2015 20:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	78.0	117.0





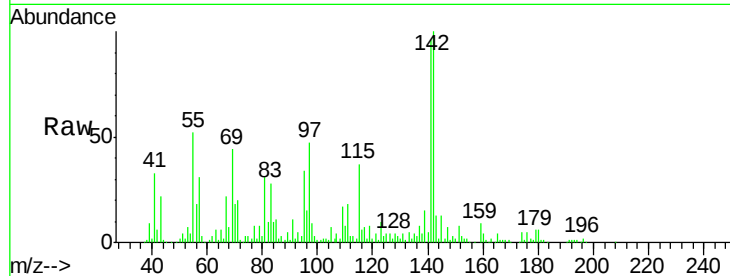
#35
 1-Methylnaphthalene
 Concen: 21.72 ng/ul
 RT: 12.69 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG018860.D
 Acq: 23 Sep 2015 20:53

Instrument :
 BNA_G
 ClientSampleId :
 JHAD5

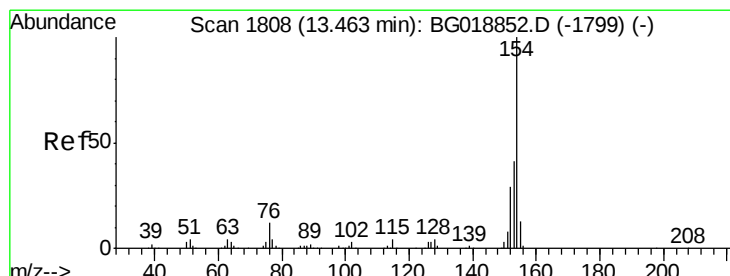
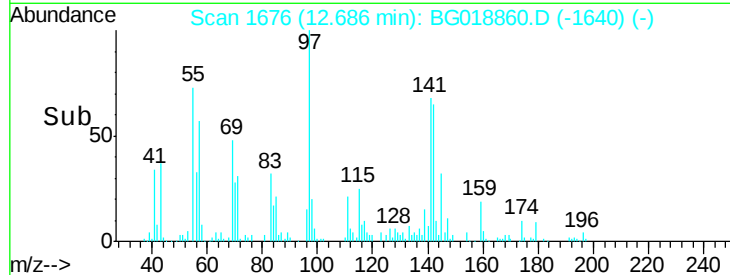
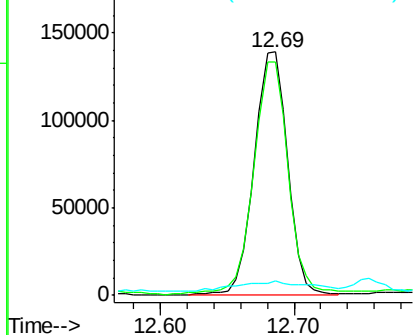
Tot Ion	Ratio	Resp	Lower	Upper
142	100	238808		
141	96.0	77.1	115.7	
116	5.9	3.5	5.3#	

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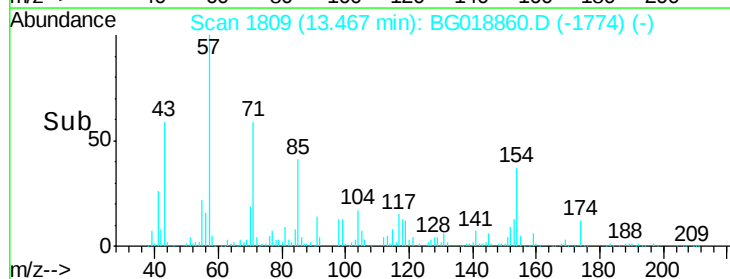
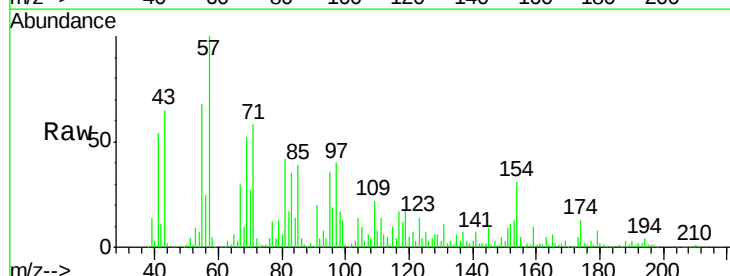
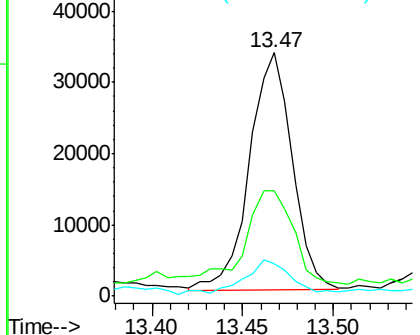
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

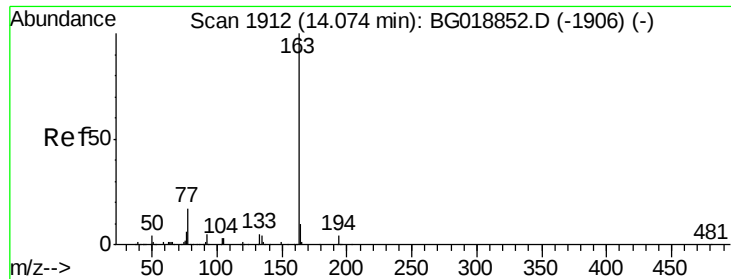


#41
 1,1'-Biphenyl
 Concen: 3.91 ng/ul
 RT: 13.47 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG018860.D
 Acq: 23 Sep 2015 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	54520		
153	43.5	35.2	52.8	
76	13.3	10.6	16.0	

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





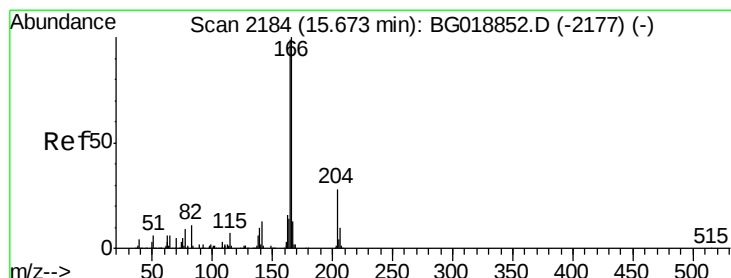
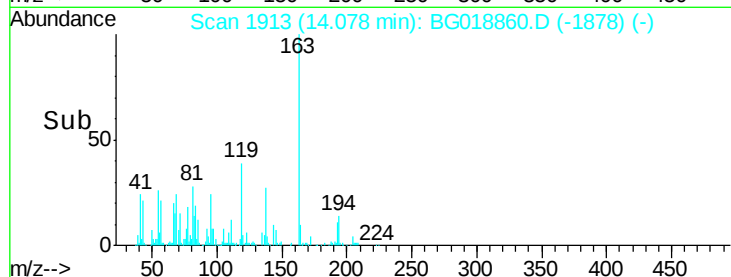
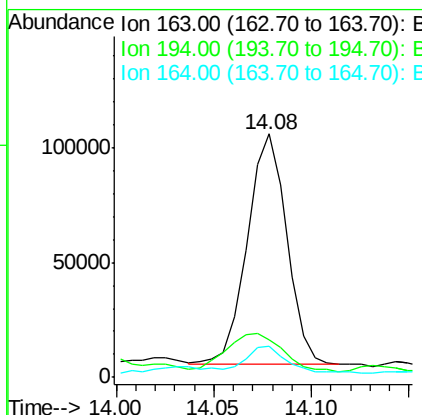
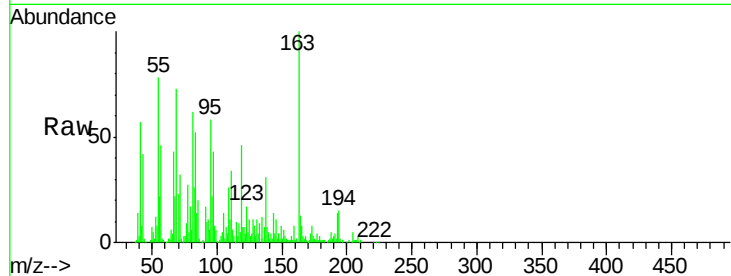
#45
Dimethylphthalate
Concen: 9.77 ng/ul
RT: 14.08 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG018860.D
Acq: 23 Sep 2015 20:53

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	15.2	2.9	4.3#		
164	12.7	7.7	11.5#		

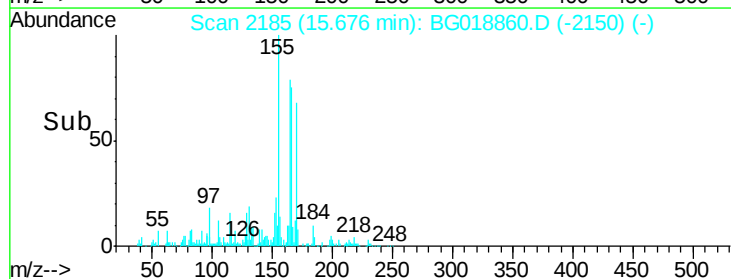
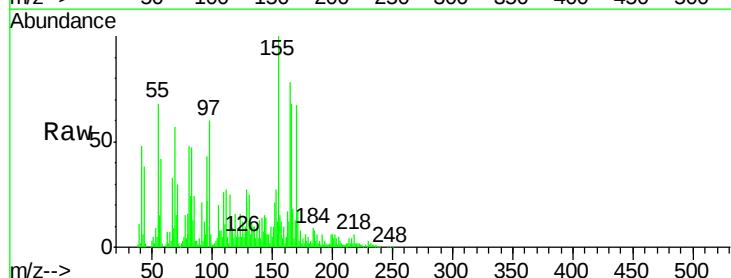
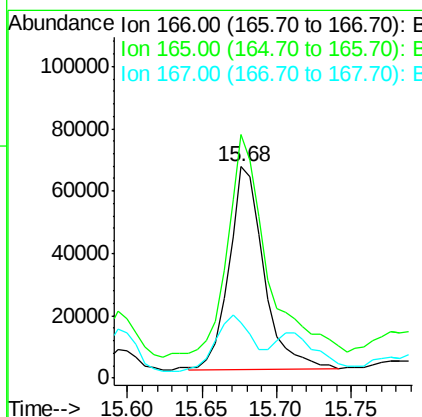
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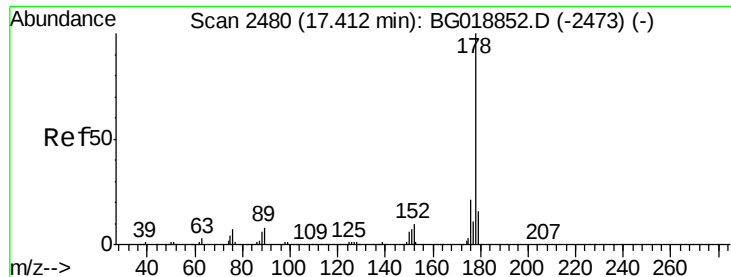
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#59
Fluorene
Concen: 7.10 ng/ul
RT: 15.68 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BG018860.D
Acq: 23 Sep 2015 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	115.3	82.6	124.0		
167	26.0	11.4	17.0#		





#70

Phenanthrene

Concen: 10.50 ng/ul

RT: 17.42 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG018860.D

Acq: 23 Sep 2015 20:53

Instrument :

BNA_G

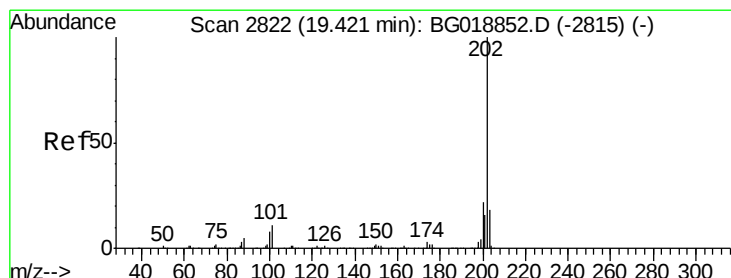
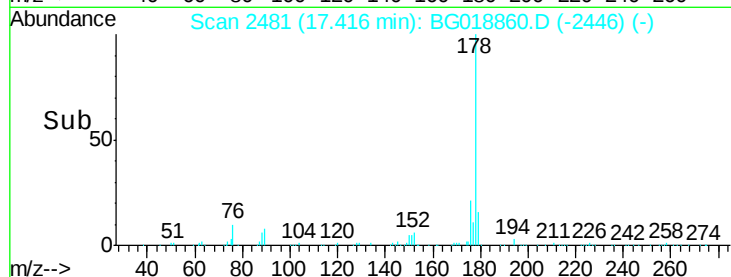
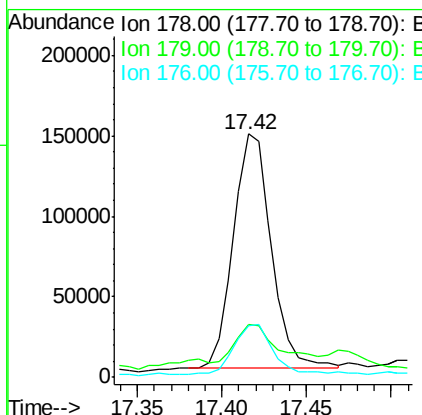
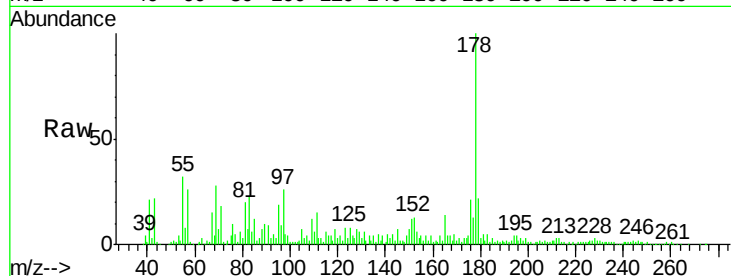
ClientSampleId :

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Tot Ion:	178	Resp:	226405
Ion Ratio	Lower	Upper	
178	100		
179	21.6	13.7	20.5#
176	21.4	16.6	24.8

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#77

Fluoranthene

Concen: 1.25 ng/ul

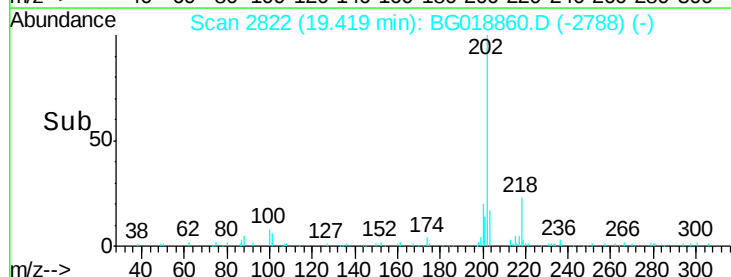
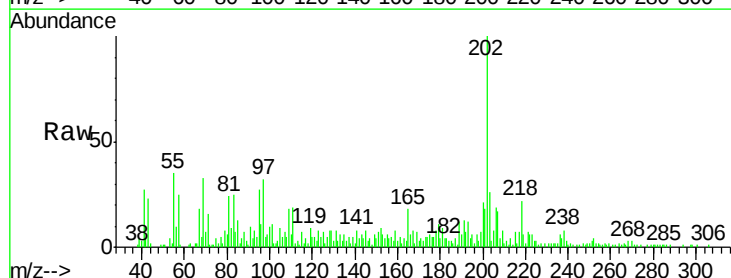
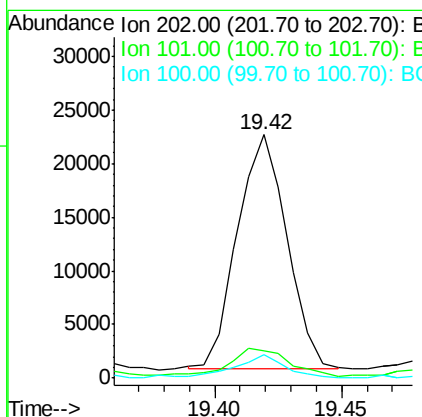
RT: 19.42 min Scan# 2822

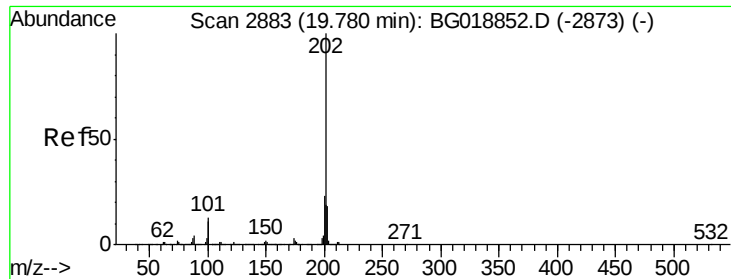
Delta R.T. -0.00 min

Lab File: BG018860.D

Acq: 23 Sep 2015 20:53

Tgt Ion:	202	Resp:	29854
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.7	14.5
100	9.8	7.8	11.8





#80
 Pvrene
 Concen: 1.19 ng/ul
 RT: 19.78 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG018860.D
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Tot Ion:	202	Resp:	38218
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.0	16.4
100	9.8	9.8	14.6

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