

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025235.D
 Acq On : 16 Dec 2016 6:25
 Operator : UM/SJ
 Sample : H5938-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA825

Manual Integrations
 APPROVED

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 12/16/2016 6:21:26 PM

Quant Time: Dec 16 08:04:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	88781	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	381226	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.88	164	316725	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.62	188	536627	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	650158	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	633585	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	20538	11.95	ng/uL	-0.02
5) Phenol-d5	7.40	99	233169	30.44	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	155775	32.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	160918	30.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	202212	31.59	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	102920	38.12	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	103472	30.75	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	204606	31.61	ng/ul	0.02
29) 4-Chloroaniline-d4	11.22	131	488102	76.73	ng/ul	0.02
43) Dimethylphthalate-d6	14.28	166	645196	29.61	ng/ul	0.04
46) Acenaphthylene-d8	14.58	160	793932	33.27	ng/ul	0.03
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.87	176	777550m	37.92	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.01	200	182724m	55.07	ng/ul	0.04
70) Anthracene-d10	17.72	188	774439	34.19	ng/ul	0.02
76) Pyrene-d10	19.98	212	886838	33.12	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.09	264	914882	35.64	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.43	94	144178	18.34	ng/ul#	86
11) 2-Methylphenol	8.68	108	217183	37.52	ng/ul	91
16) 4-Methylphenol	9.03	108	806088	125.18	ng/ul	91
24) 2,4-Dimethylphenol	10.24	107	1257502m	161.07	ng/ul	
28) Naphthalene	11.13	128	4152515	234.32	ng/ul#	87
34) 2-Methylnaphthalene	12.74	142	6085497	435.15	ng/ul	84
40) 1,1'-Biphenyl	13.71	154	1800017	93.74	ng/ul	93
44) Dimethylphthalate	14.33	163	400870	18.72	ng/ul#	96
49) Acenaphthene	14.95	153	469484	29.54	ng/ul#	86
53) Dibenzofuran	15.28	168	1240402	49.34	ng/ul	96
58) Fluorene	15.93	166	1279096	62.50	ng/ul#	94
69) Phenanthrene	17.66	178	644576	25.17	ng/ul#	94
71) Anthracene	17.75	178	166814	6.34	ng/ul#	85
74) Fluoranthene	19.65	202	116914	3.84	ng/ul	100
77) Pyrene	20.01	202	126561	4.05	ng/ul#	95

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

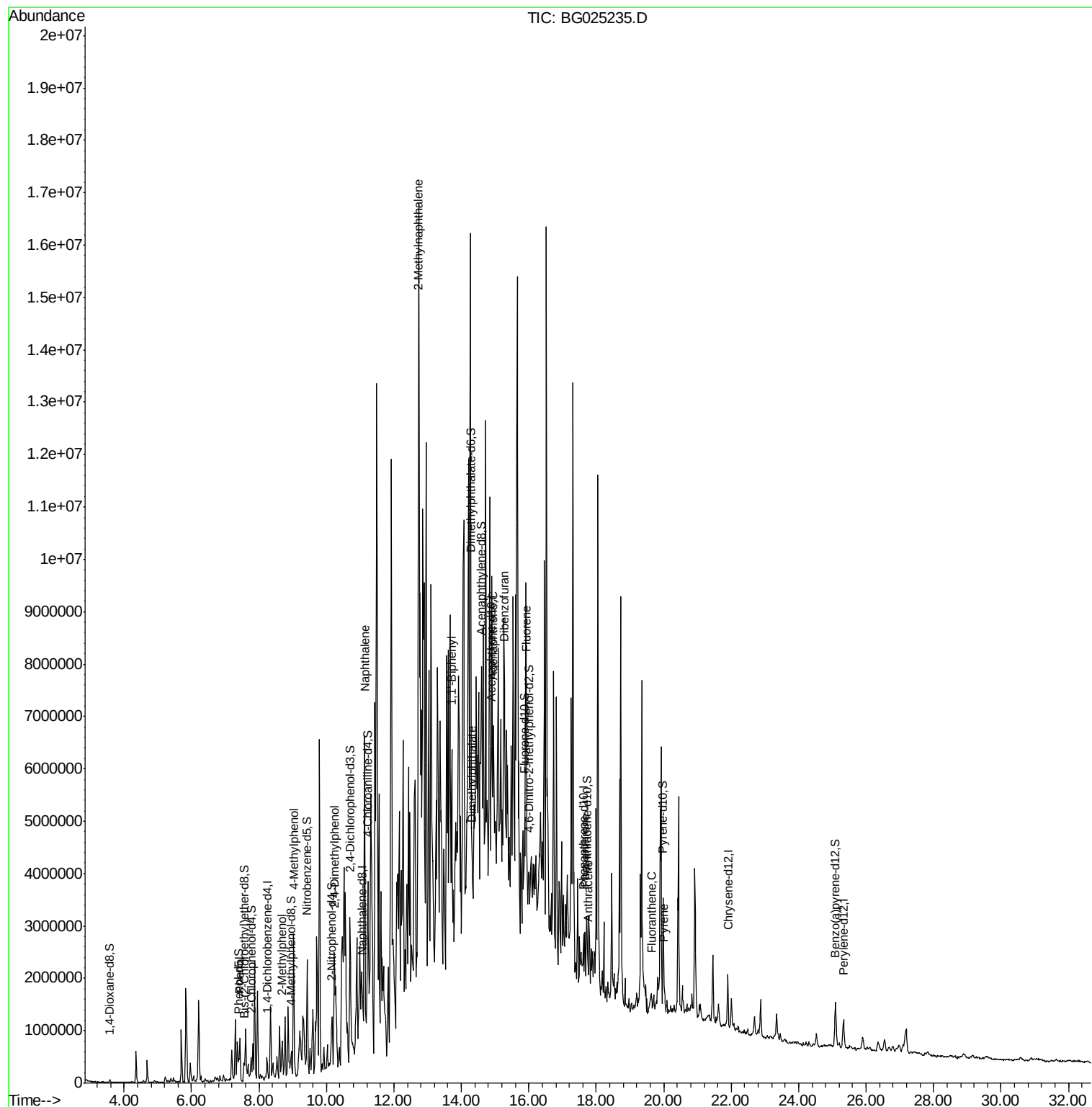
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

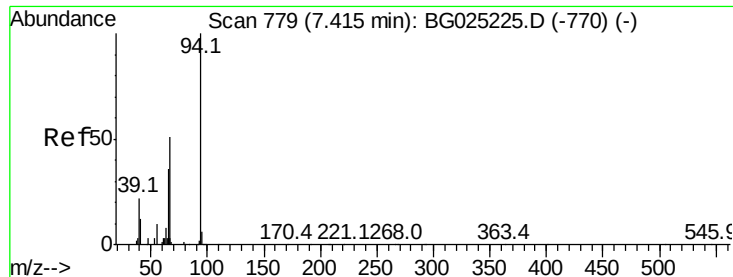
Instrument :
BNA_G
ClientSampleId :
DA825

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Quant Time: Dec 16 08:04:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 18.34 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Instrument :

BNA_G

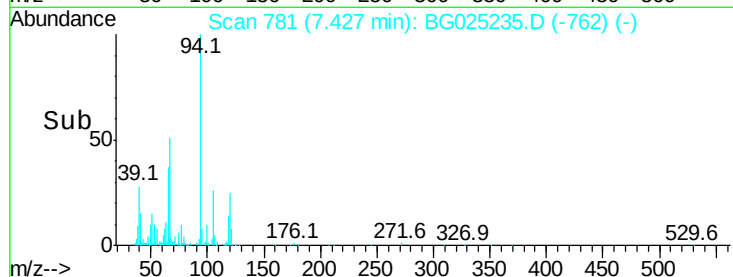
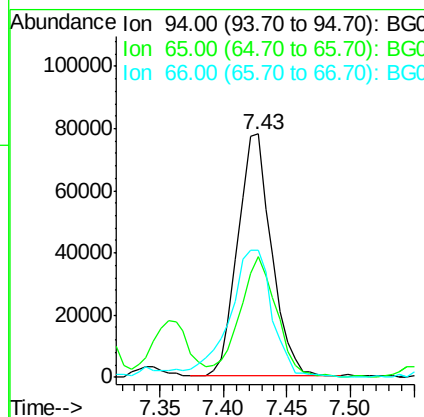
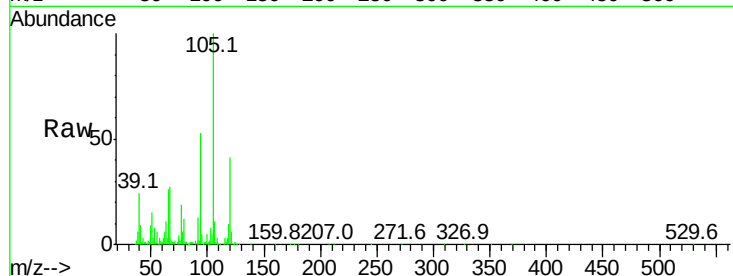
ClientSampleId :

DA825

Tot Ion:	94	Resp:	144178
Ion Ratio	Lower	Upper	
94	100		
65	49.6	26.8	40.2#
66	52.0	44.4	66.6

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#11

2-Methylphenol

Concen: 37.52 ng/ul

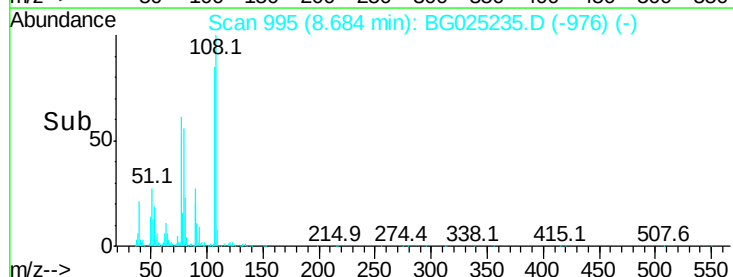
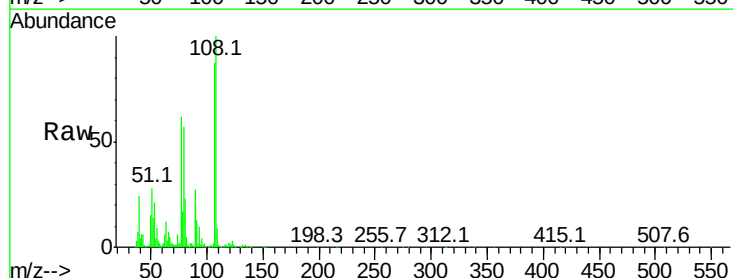
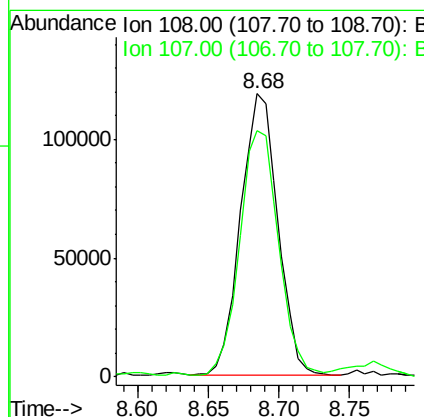
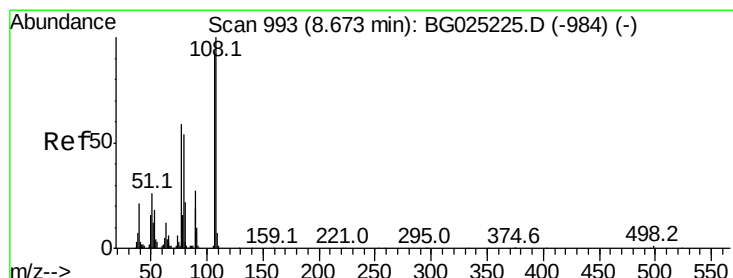
RT: 8.68 min Scan# 995

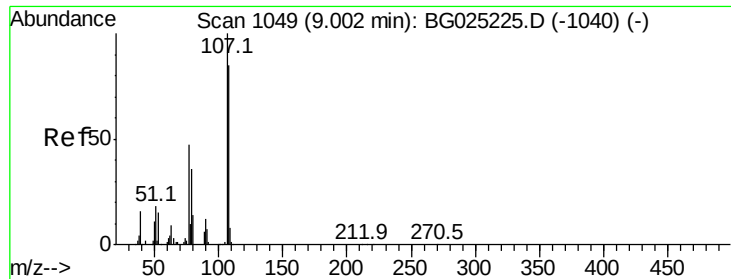
Delta R.T. 0.01 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Tgt Ion:	108	Resp:	217183
Ion Ratio	Lower	Upper	
108	100		
107	87.1	76.7	115.1





#16

4-Methylphenol

Concen: 125.18 ng/ul

RT: 9.03 min Scan# 1054

Delta R.T. 0.03 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

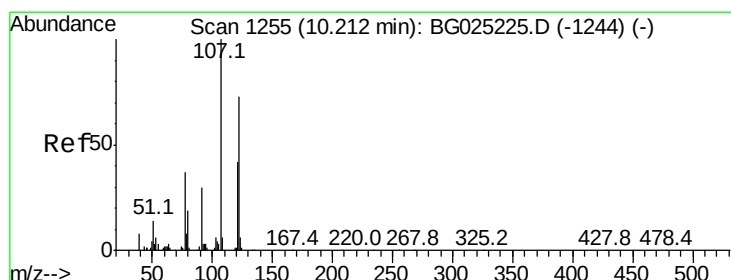
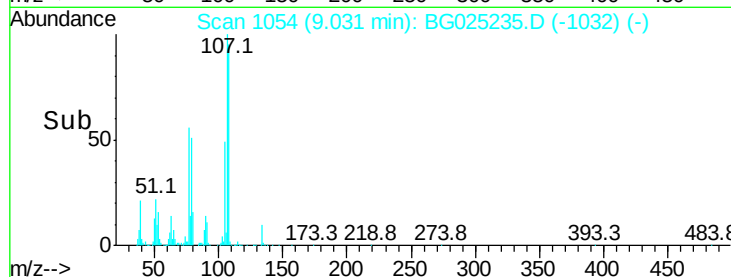
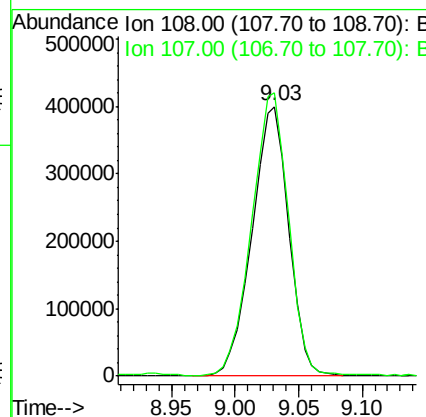
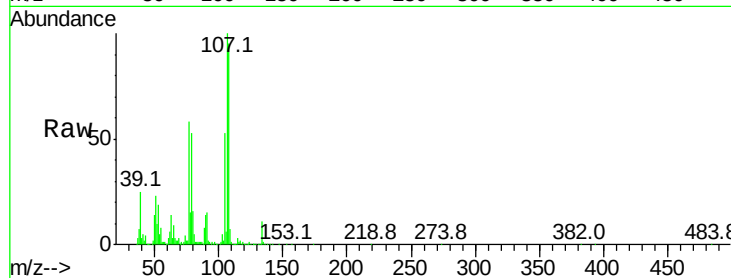
Instrument :
BNA_G
ClientSampleId :
DA825

Tot Ion:108 Resp: 806088

Ion	Ratio	Lower	Upper
108	100		
107	105.1	91.7	137.5

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#24

2,4-Dimethylphenol

Concen: 161.07 ng/ul m

RT: 10.24 min Scan# 1259

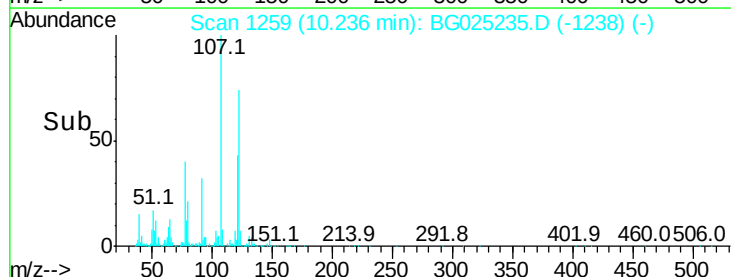
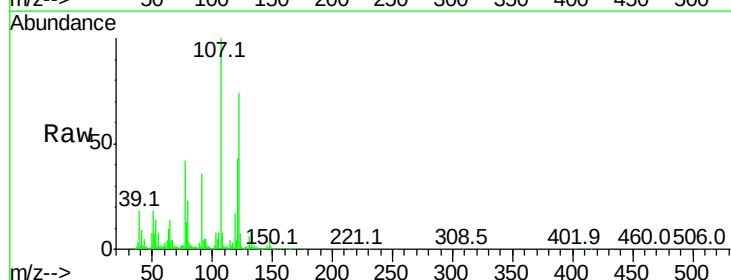
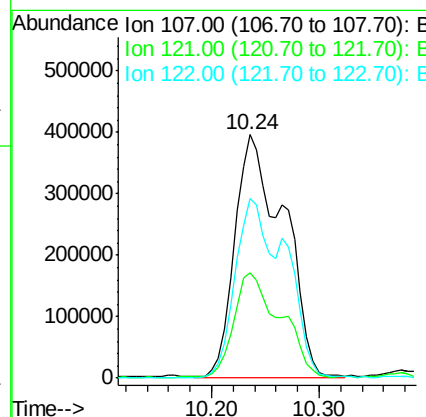
Delta R.T. 0.02 min

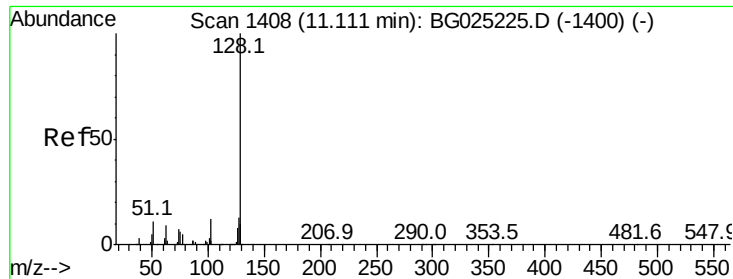
Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Tgt Ion:107 Resp: 1257502

Ion	Ratio	Lower	Upper
107	100		
121	43.0	32.3	48.5
122	73.6	61.2	91.8





#28

Naphthalene

Concen: 234.32 ng/ul

RT: 11.13 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Instrument :

BNA_G

ClientSampled :

DA825

Tot Ion:128 Resp: 4152515

Ion Ratio Lower Upper

128 100

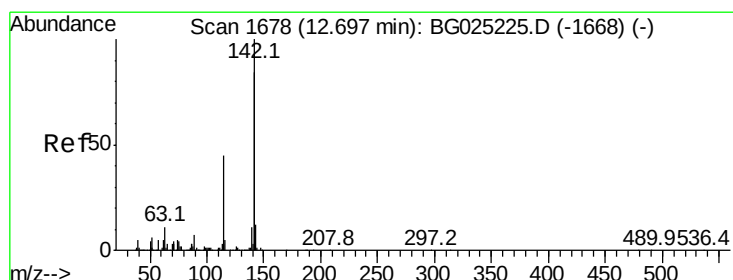
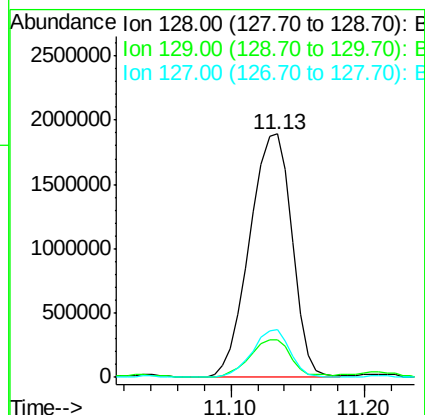
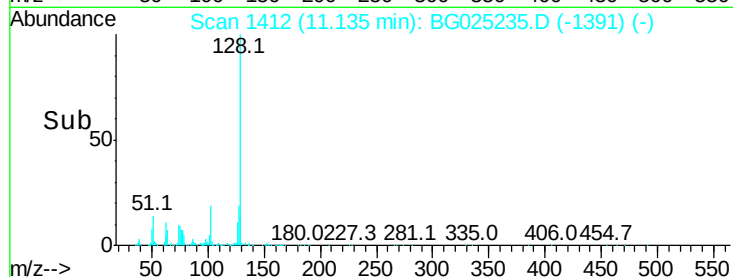
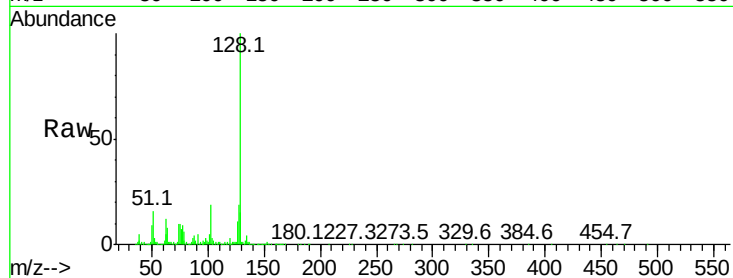
129 15.4 9.4 14.2#

127 19.4 10.3 15.5#

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#34

2-Methylnaphthalene

Concen: 435.15 ng/ul

RT: 12.74 min Scan# 1685

Delta R.T. 0.04 min

Lab File: BG025235.D

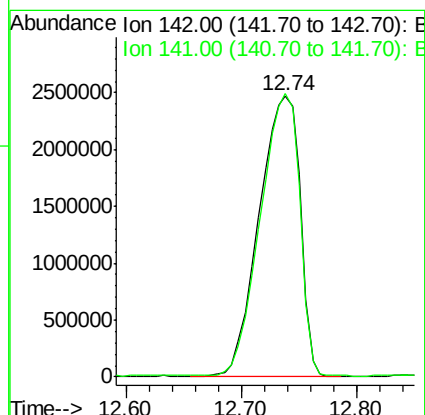
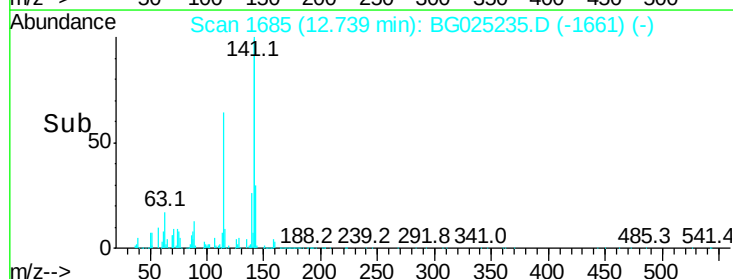
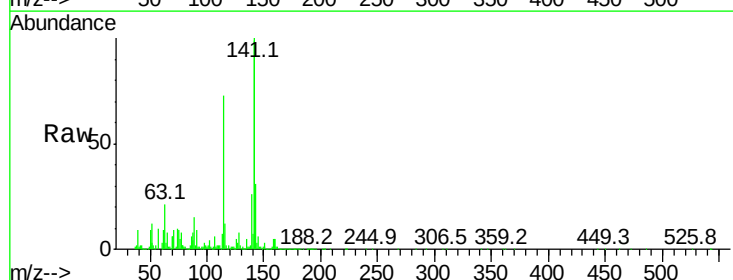
Acq: 16 Dec 2016 6:25

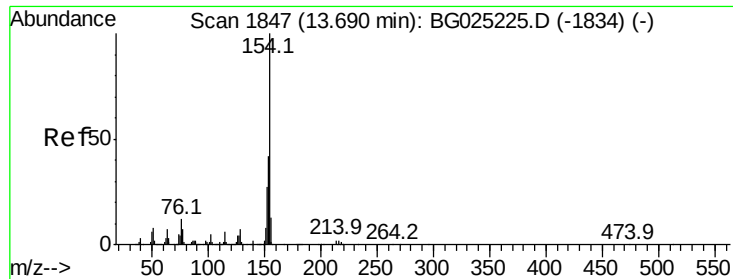
Tgt Ion:142 Resp: 6085497

Ion Ratio Lower Upper

142 100

141 100.8 68.6 102.8





#40

1,1'-Biphenyl

Concen: 93.74 ng/ul

RT: 13.71 min Scan# 1851

Delta R.T. 0.02 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Instrument :

BNA_G

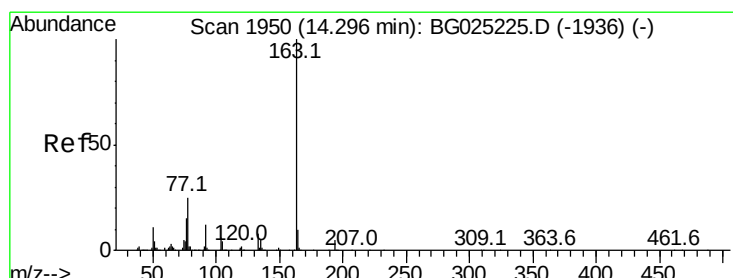
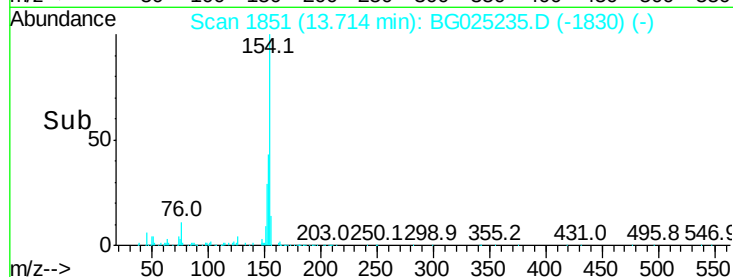
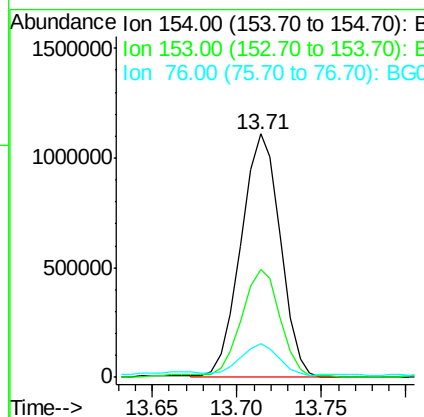
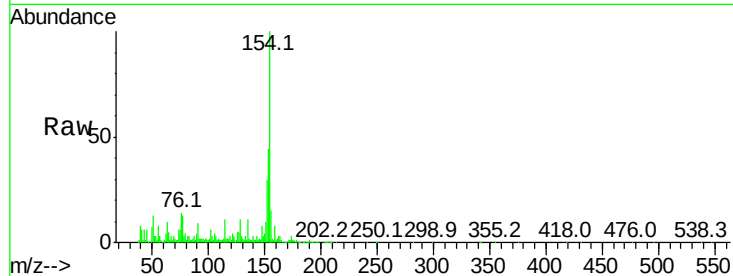
ClientSampled :

DA825

Tot Ion:	154	Resp:	1800017
Ion	Ratio	Lower	Upper
154	100		
153	44.5	32.2	48.2
76	14.1	9.6	14.4

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#44

Dimethylphthalate

Concen: 18.72 ng/ul

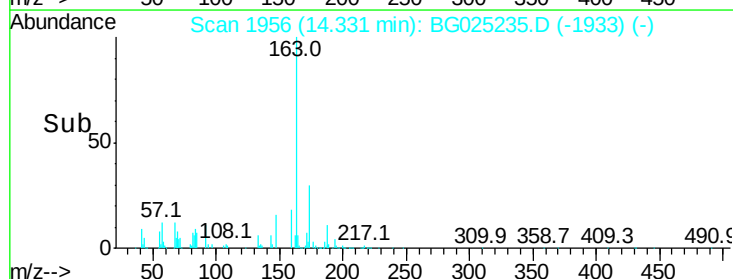
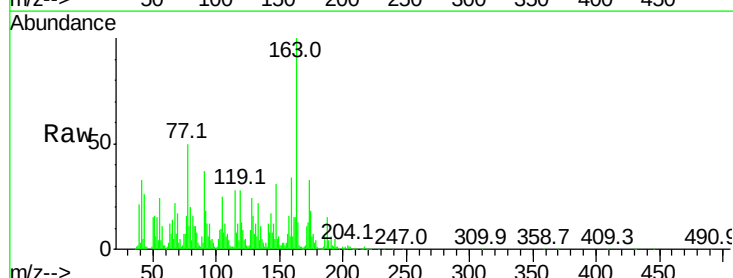
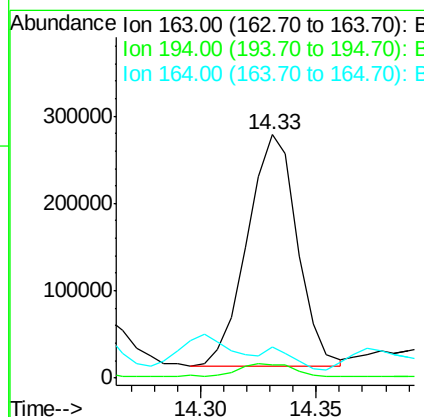
RT: 14.33 min Scan# 1956

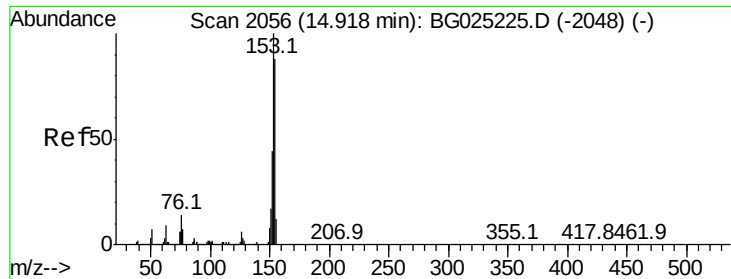
Delta R.T. 0.04 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Tgt Ion:	163	Resp:	400870
Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.0#
164	12.7	9.0	13.4





#49

Acenaphthene

Concen: 29.54 ng/ul

RT: 14.95 min Scan# 2061

Delta R.T. 0.03 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Instrument :

BNA_G

ClientSampled :

DA825

Tot Ion:153 Resp: 469484

Ion Ratio Lower Upper

153 100

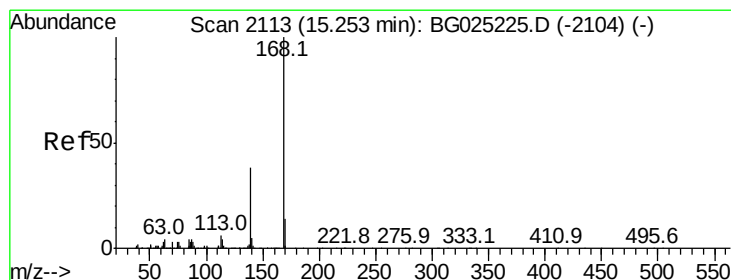
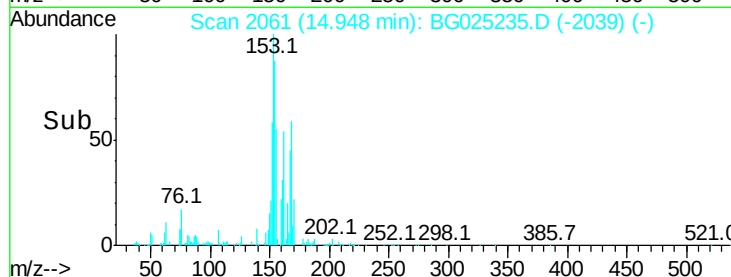
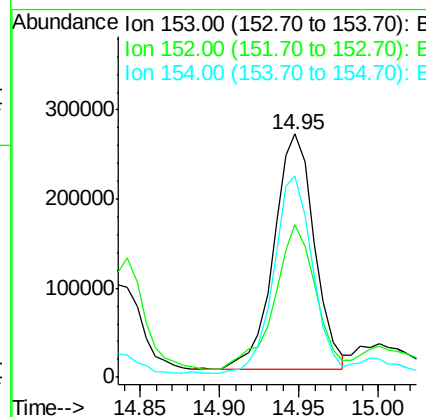
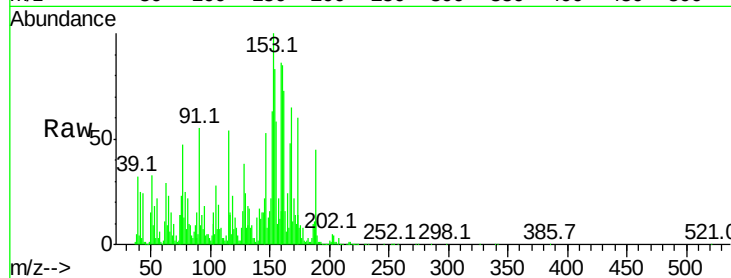
152 63.0 36.5 54.7#

154 82.6 72.3 108.5

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#53

Dibenzofuran

Concen: 49.34 ng/ul

RT: 15.28 min Scan# 2118

Delta R.T. 0.03 min

Lab File: BG025235.D

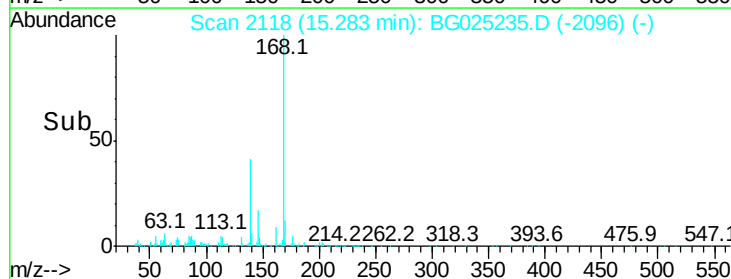
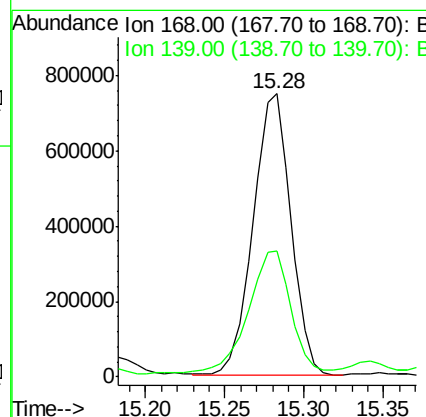
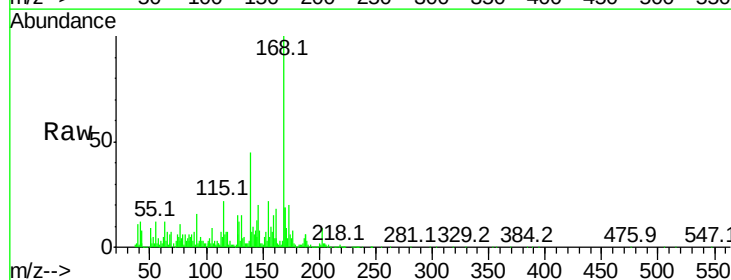
Acq: 16 Dec 2016 6:25

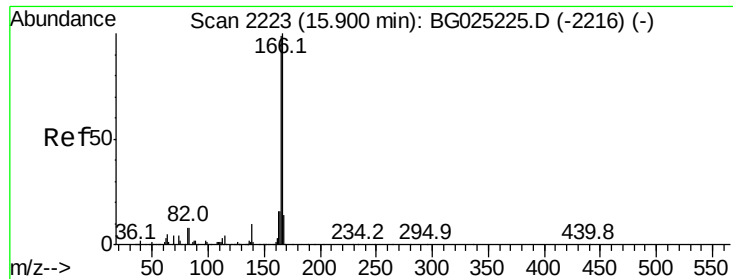
Tgt Ion:168 Resp: 1240402

Ion Ratio Lower Upper

168 100

139 44.5 33.8 50.8





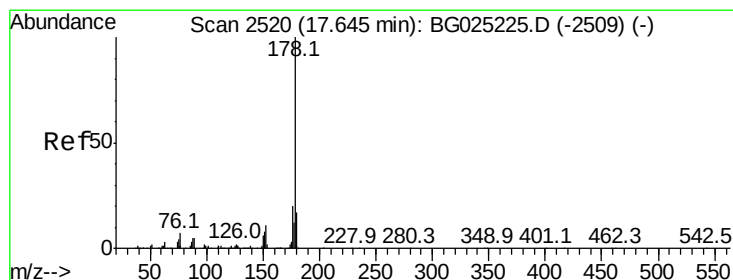
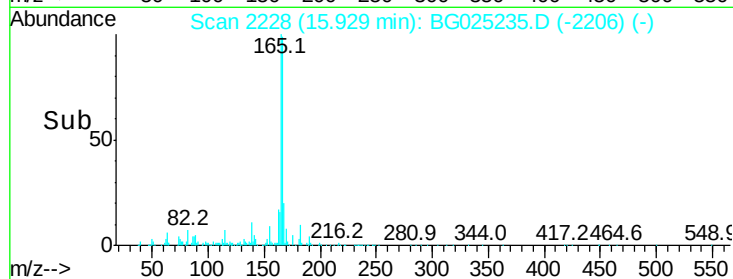
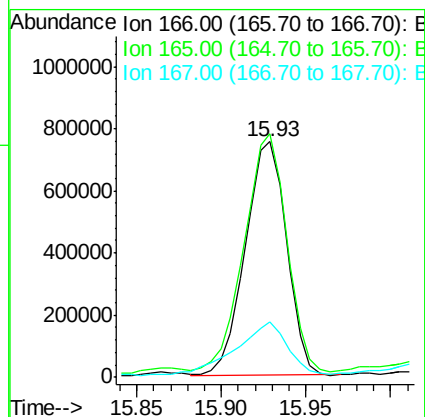
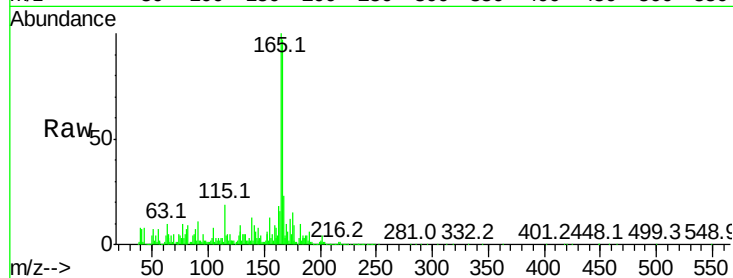
#58
 Fluorene
 Concen: 62.50 ng/ul
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.03 min
 Lab File: BG025235.D
 Acq: 16 Dec 2016 6:25

Instrument :
 BNA_G
 ClientSampleId :
 DA825

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.7	119.5
167	23.3	11.4	17.2

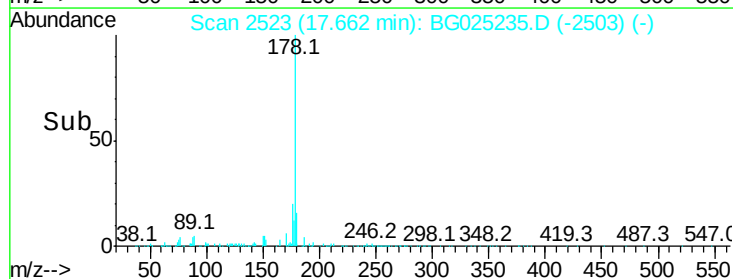
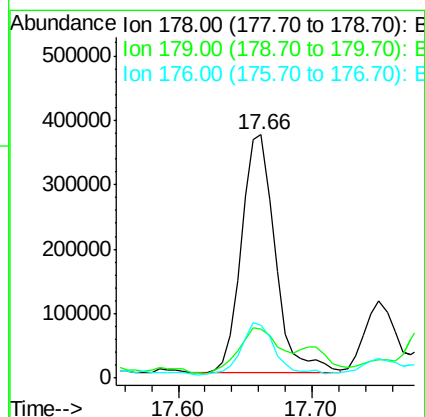
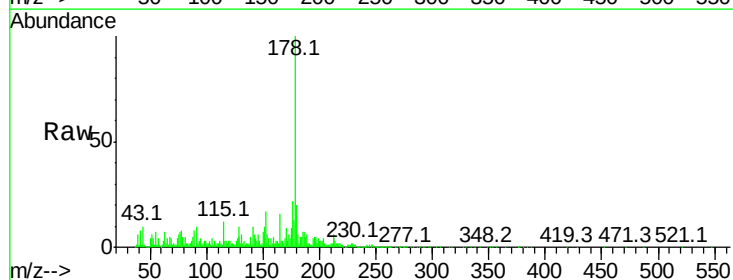
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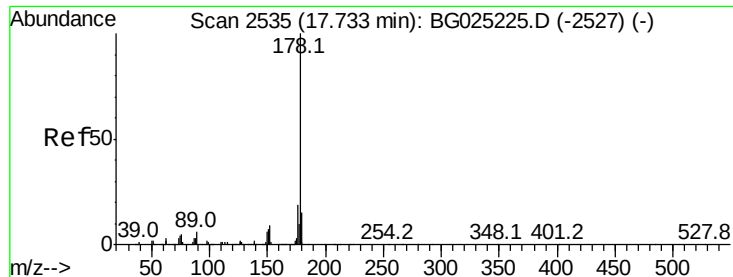
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#69
 Phenanthrene
 Concen: 25.17 ng/ul
 RT: 17.66 min Scan# 2523
 Delta R.T. 0.02 min
 Lab File: BG025235.D
 Acq: 16 Dec 2016 6:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.4	18.6
176	21.7	16.5	24.7





#71

Anthracene

Concen: 6.34 ng/ul

RT: 17.75 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Instrument :

BNA_G

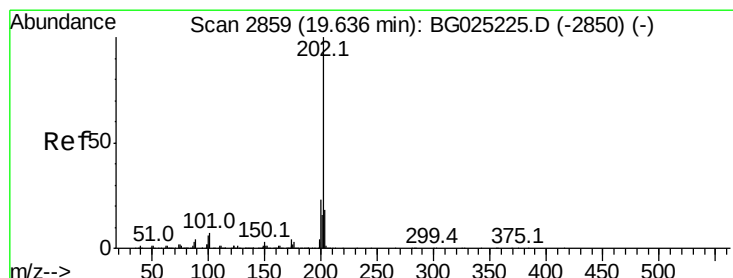
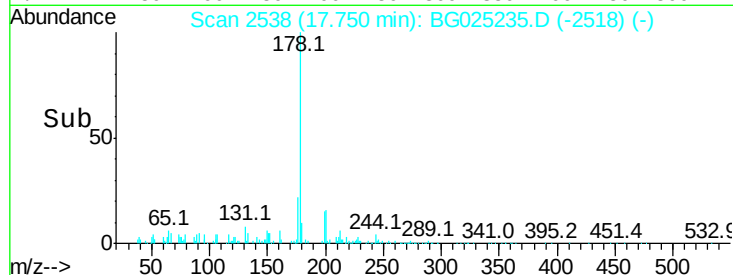
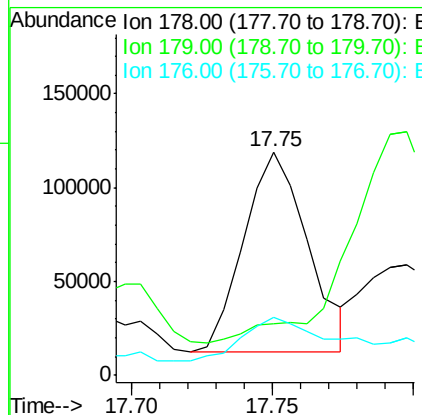
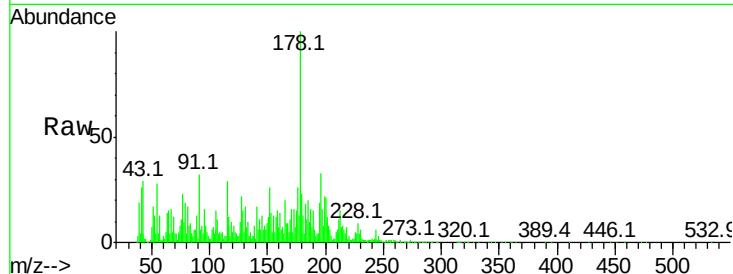
ClientSampleId :

DA825

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.2	12.6	19.0#
176	26.2	15.9	23.9#

Manual Integrations
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#74

Fluoranthene

Concen: 3.84 ng/ul

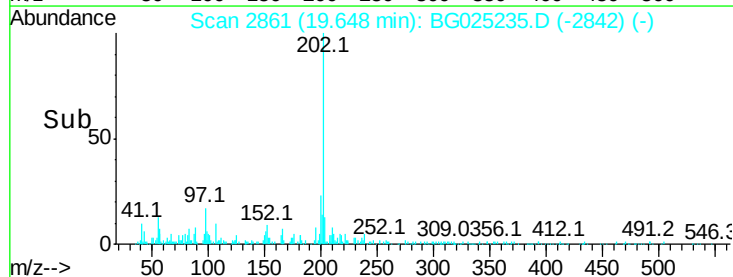
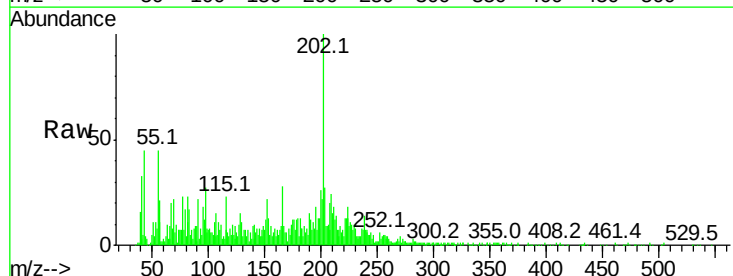
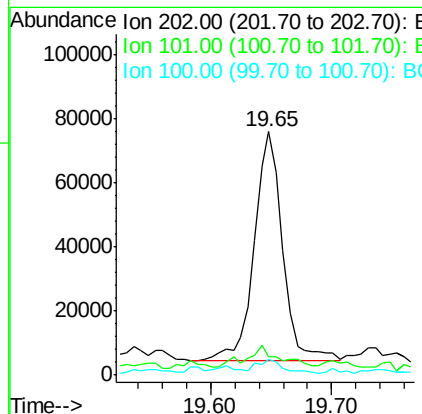
RT: 19.65 min Scan# 2861

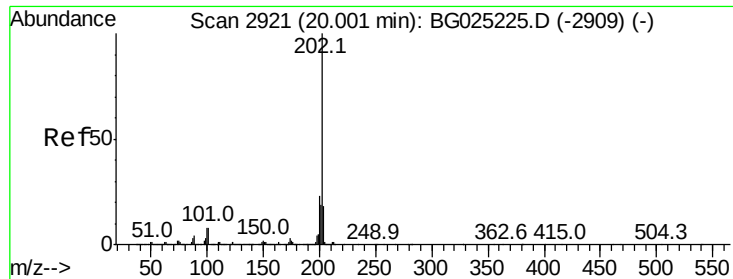
Delta R.T. 0.01 min

Lab File: BG025235.D

Acq: 16 Dec 2016 6:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.2
100	6.7	5.2	7.8





#77
 Pvrene
 Concen: 4.05 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. 0.01 min
 Lab File: BG025235.D
 Acq: 16 Dec 2016 6:25

Instrument :
 BNA_G
 ClientSampleId :
 DA825

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	6.9	10.3#
100	6.9	6.6	10.0

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:26 PM

