

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025255.D
 Acq On : 17 Dec 2016 1:51
 Operator : UM/SJ
 Sample : H6040-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8W4

Manual Integrations
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umangi
 12/20/2016 10:48:49 AM

Quant Time: Dec 17 05:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 00:22:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	61651	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	251978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	204374	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	439915	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	562406	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	572446	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	10059m	8.43	ng/uL	-0.01
5) Phenol-d5	7.40	99	73574	13.83	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	45300	13.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	53079	14.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	61706	13.88	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	32106	17.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	34328	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	65089	15.21	ng/ul	0.02
29) 4-Chloroaniline-d4	11.20	131	93030	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	228907	16.28	ng/ul	0.01
46) Acenaphthylene-d8	14.56	160	263351	17.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	52812m	21.86	ng/ul	0.03
57) Fluorene-d10	15.84	176	283398	21.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	61023	22.43	ng/ul	0.02
70) Anthracene-d10	17.70	188	335060	18.05	ng/ul	0.00
76) Pyrene-d10	19.97	212	394011	17.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	413622	17.83	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.42	94	28859	5.29	ng/ul#	69
11) 2-Methylphenol	8.68	108	120353	29.94	ng/ul	87
14) Acetophenone	9.07	105	22063	3.26	ng/ul#	89
16) 4-Methylphenol	9.02	108	333123	74.50	ng/ul	95
24) 2,4-Dimethylphenol	10.23	107	678564m	131.50	ng/ul	
28) Naphthalene	11.11	128	426069	36.38	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	476937	51.60	ng/ul	93
40) 1,1'-Biophenyl	13.69	154	109164	8.81	ng/ul	98
44) Dimethylphthalate	14.30	163	66844	4.84	ng/ul#	98
49) Acenaphthene	14.93	153	35601	3.47	ng/ul#	77
53) Dibenzofuran	15.26	168	119248	7.35	ng/ul	98
58) Fluorene	15.90	166	175634	13.30	ng/ul#	91
69) Phenanthrene	17.65	178	186673	8.89	ng/ul#	93
71) Anthracene	17.74	178	56375	2.61	ng/ul#	79
72) Carbazole	18.02	167	30455	1.69	ng/ul#	65
74) Fluoranthene	19.64	202	46363	1.86	ng/ul#	78
77) Pyrene	20.00	202	75665	2.80	ng/ul#	95

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

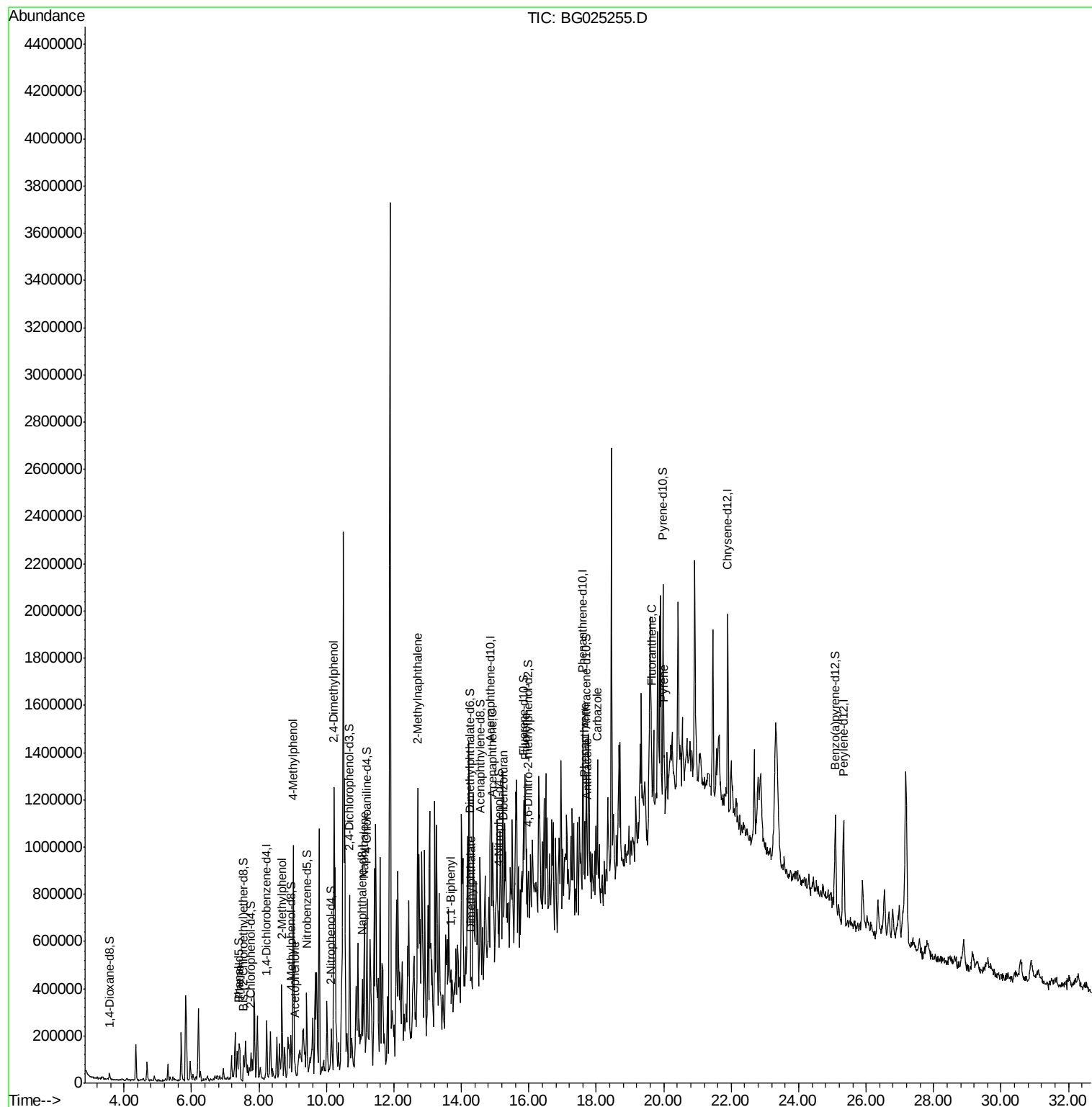
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

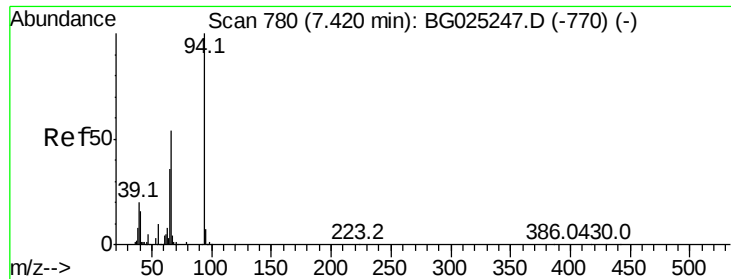
Instrument :
BNA_G
ClientSampleId :
DA8W4

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.29 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Instrument :

BNA_G

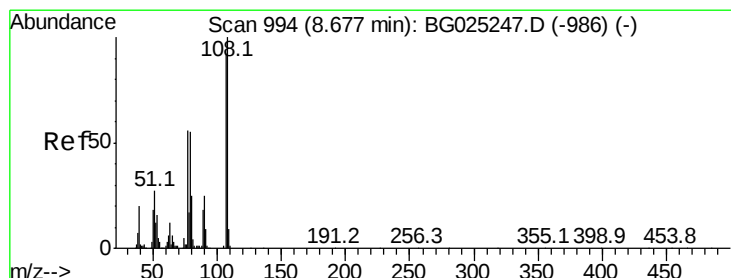
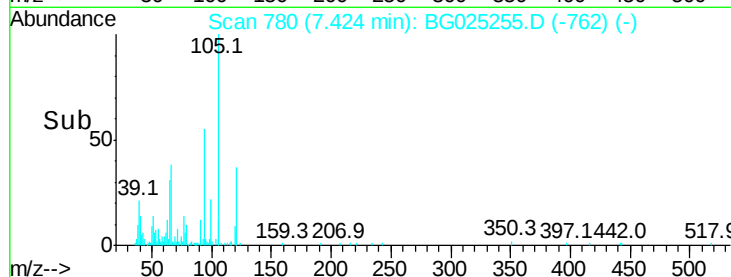
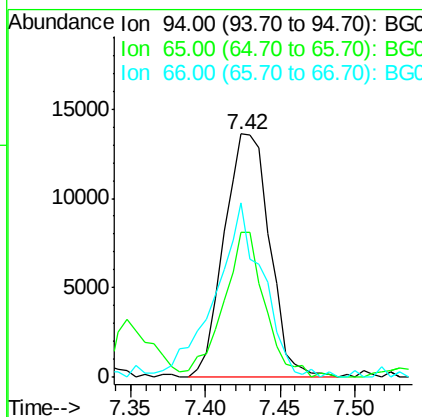
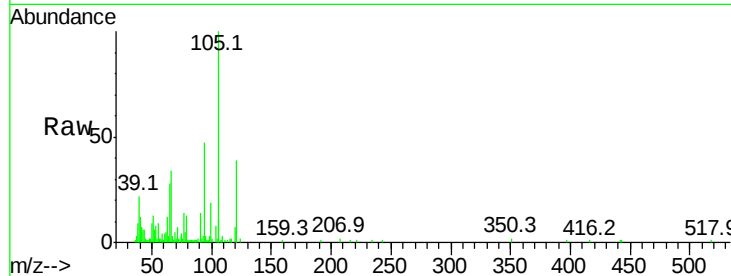
ClientSampleId :

DA8W4

Tot Ion:	94	Resp:	28859
Ion Ratio	Lower	Upper	
94	100		
65	59.6	26.8	40.2#
66	71.9	44.4	66.6#

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#11

2-Methylphenol

Concen: 29.94 ng/ul

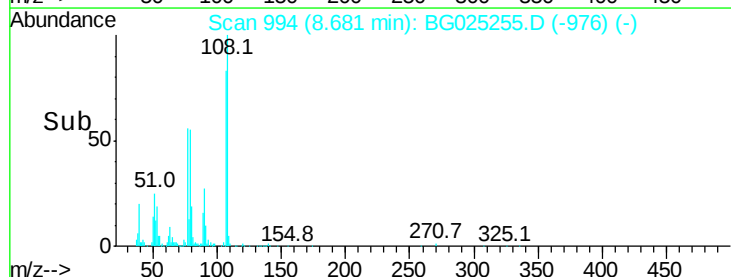
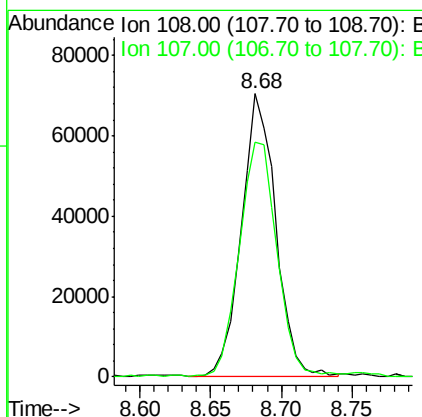
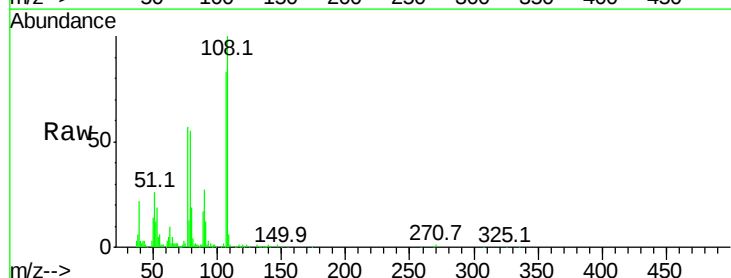
RT: 8.68 min Scan# 994

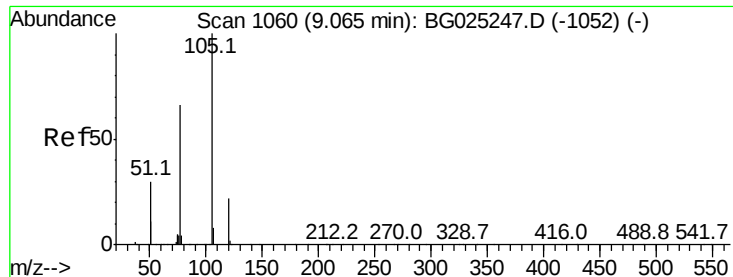
Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Tgt Ion:	108	Resp:	120353
Ion Ratio	Lower	Upper	
108	100		
107	83.0	76.7	115.1





#14

Acetophenone

Concen: 3.26 ng/ul

RT: 9.07 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Instrument :

BNA_G

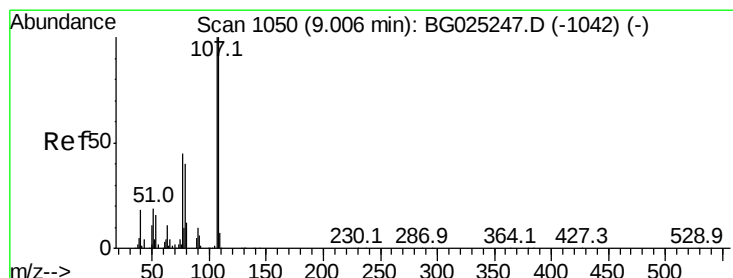
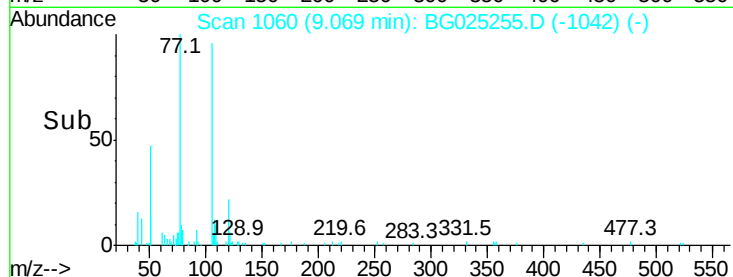
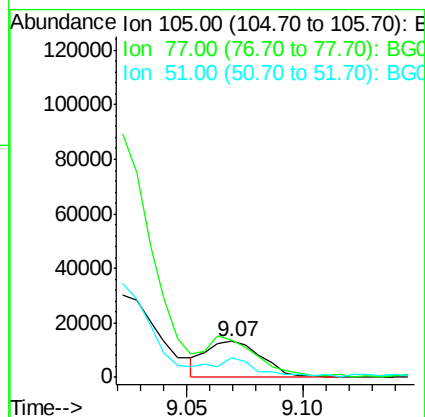
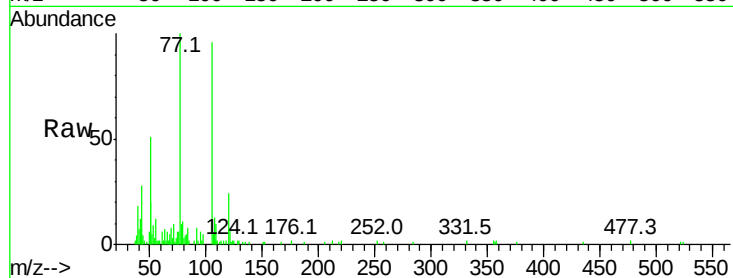
ClientSampleId :

DA8W4

Tot Ion:	105	Resp:	22063
Ion Ratio	Lower	Upper	
105	100		
77	103.9	76.0	114.0
51	53.2	34.8	52.2#

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#16

4-Methylphenol

Concen: 74.50 ng/ul

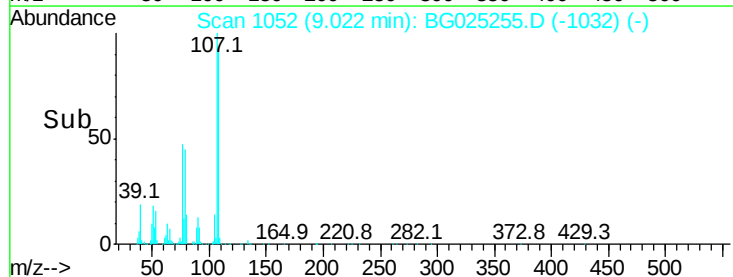
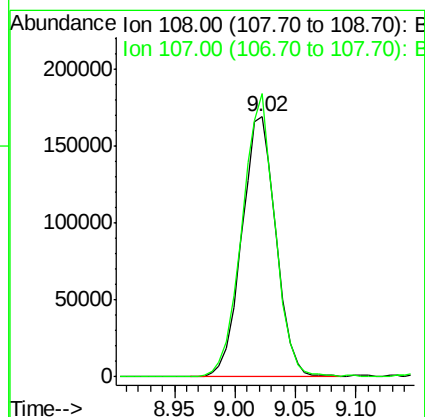
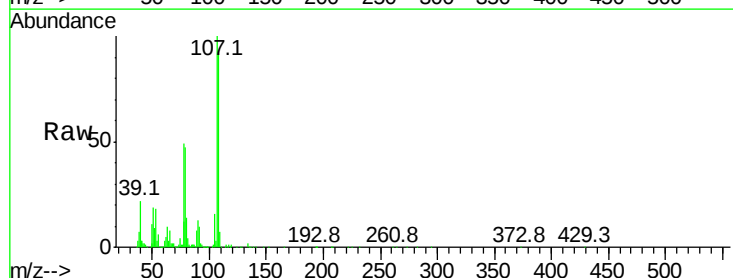
RT: 9.02 min Scan# 1052

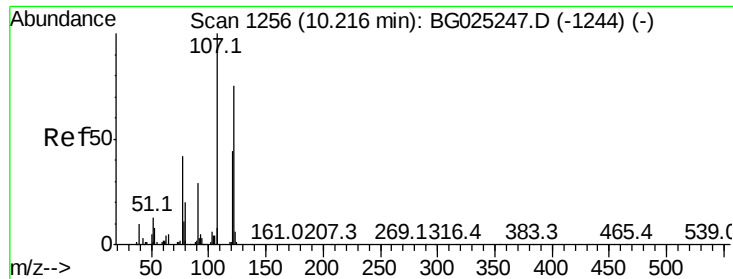
Delta R.T. 0.02 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Tgt Ion:	108	Resp:	333123
Ion Ratio	Lower	Upper	
108	100		
107	108.9	91.7	137.5





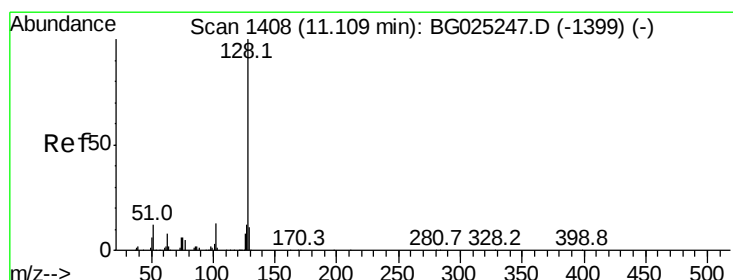
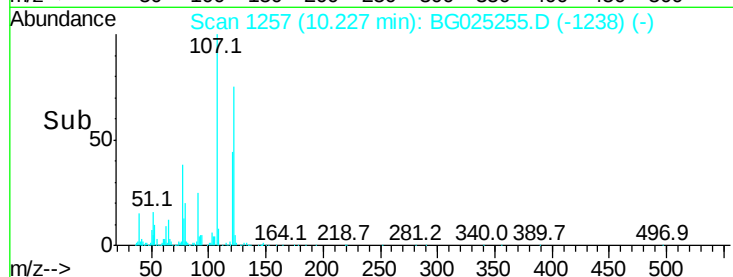
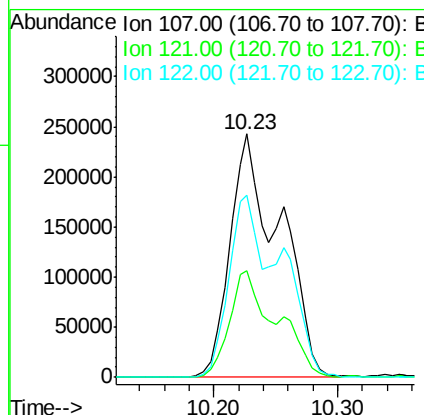
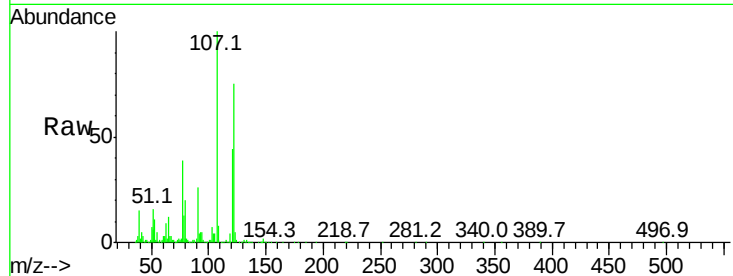
#24
2,4-Dimethylphenol
Concen: 131.50 ng/ul m
RT: 10.23 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025255.D
Acq: 17 Dec 2016 1:51

Instrument :
BNA_G
ClientSampleId :
DA8W4

Tot Ion	Ratio	Lower	Upper
107	100		
121	44.1	32.3	48.5
122	75.0	61.2	91.8

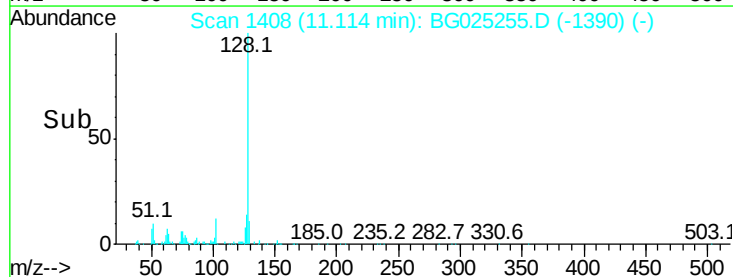
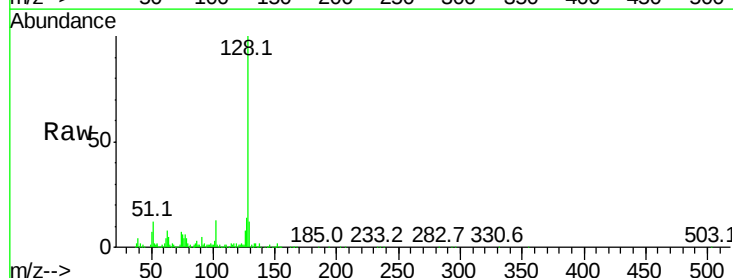
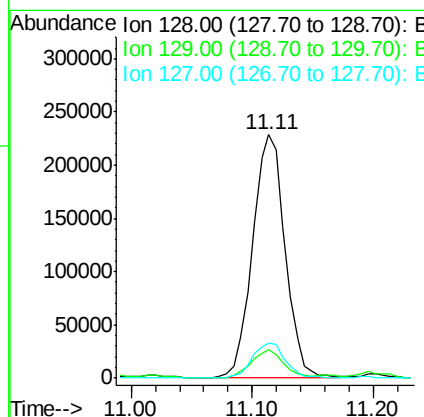
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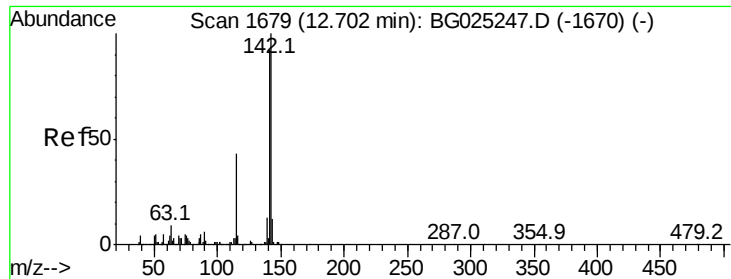
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#28
Naphthalene
Concen: 36.38 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025255.D
Acq: 17 Dec 2016 1:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.4	10.3	15.5





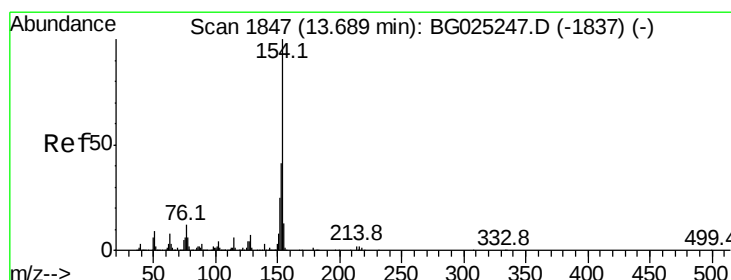
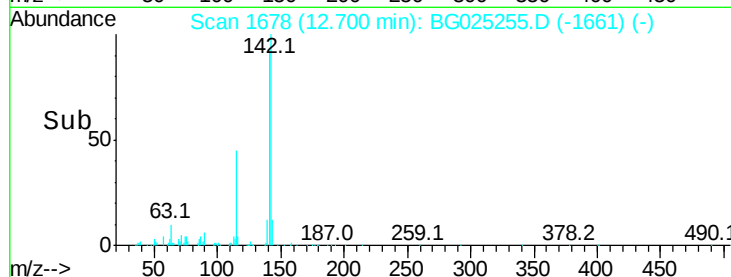
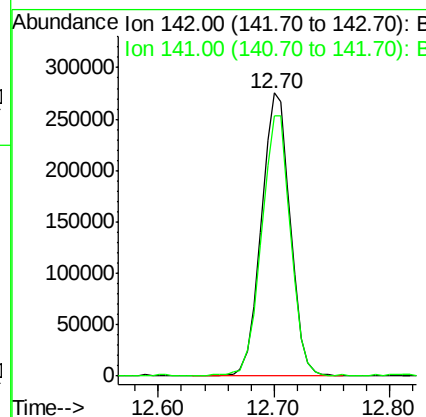
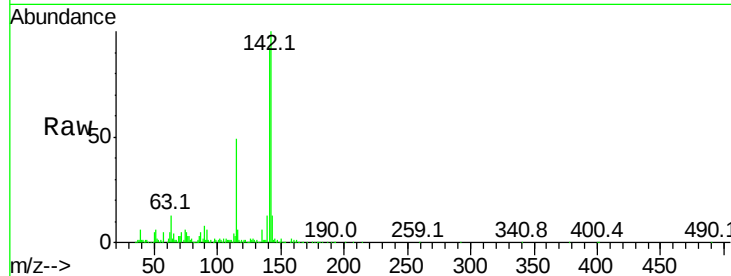
#34
 2-Methylnaphthalene
 Concen: 51.60 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025255.D
 Acq: 17 Dec 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 DA8W4

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	68.6	102.8

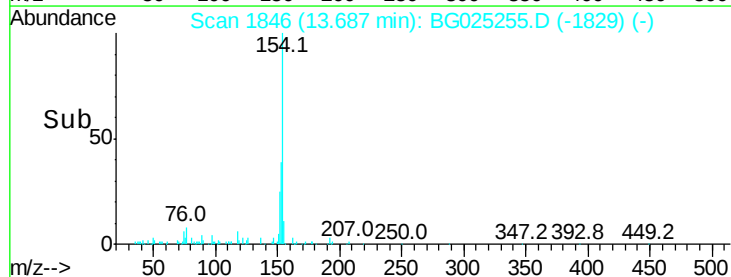
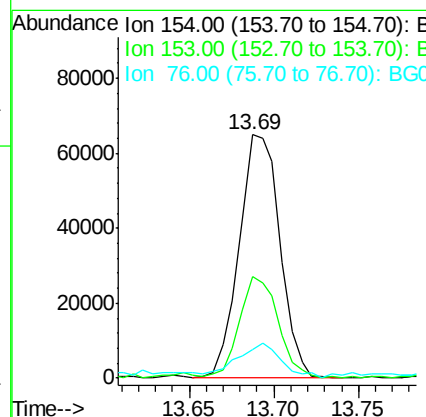
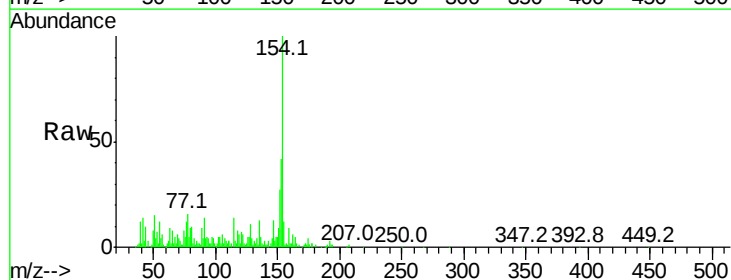
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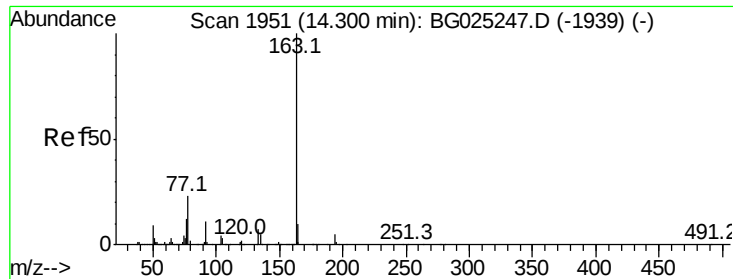
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#40
 1,1'-Biphenyl
 Concen: 8.81 ng/ul
 RT: 13.69 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG025255.D
 Acq: 17 Dec 2016 1:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	32.2	48.2
76	11.8	9.6	14.4





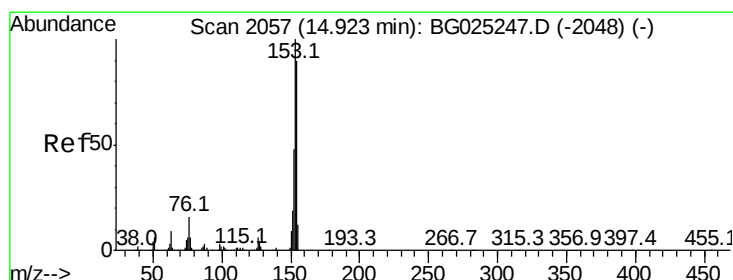
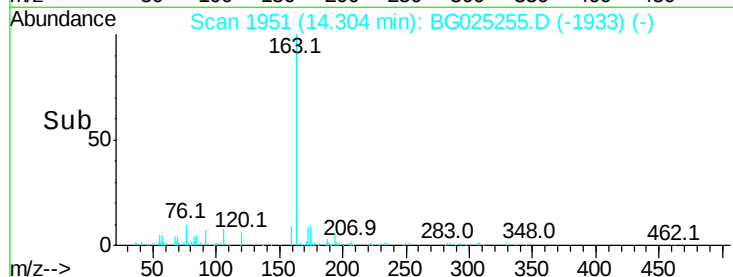
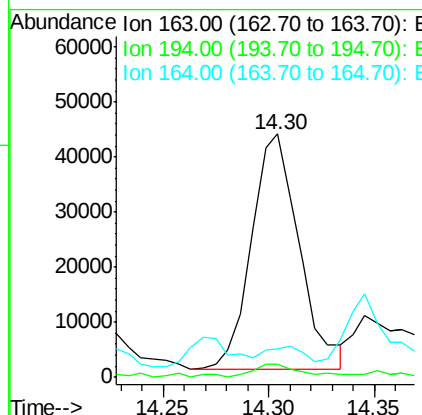
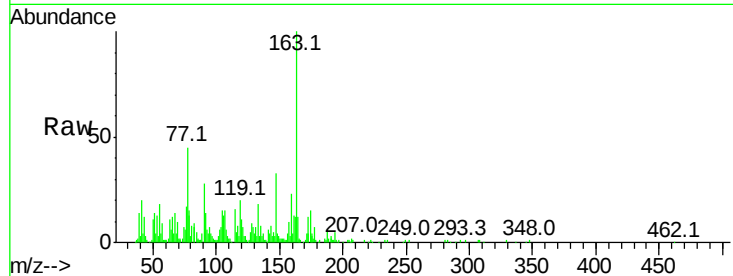
#44
Dimethylphthalate
Concen: 4.84 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025255.D
Acq: 17 Dec 2016 1:51

Instrument :
BNA_G
ClientSampleId :
DA8W4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	66844		
194	5.5	3.4	5.0#	
164	11.6	9.0	13.4	

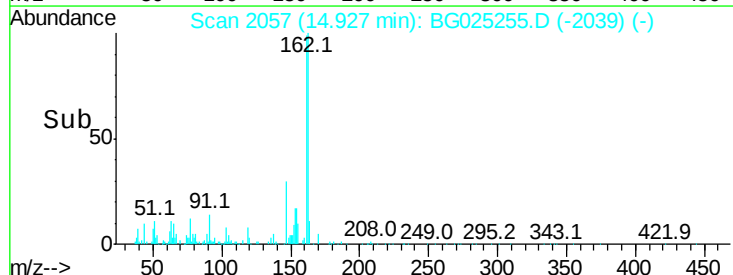
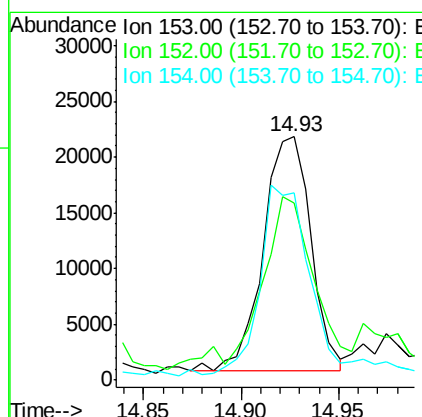
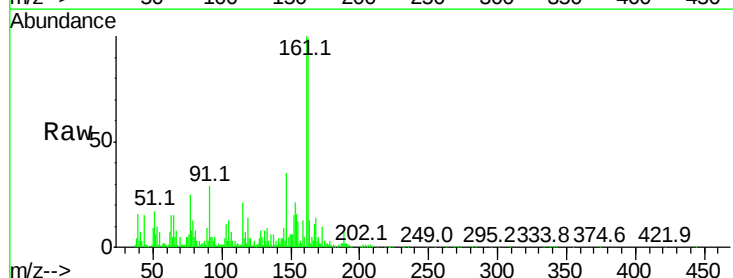
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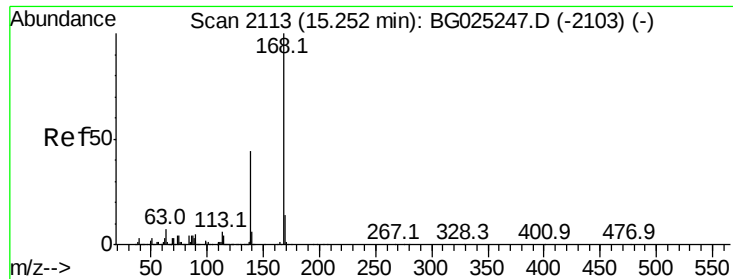
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#49
Acenaphthene
Concen: 3.47 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025255.D
Acq: 17 Dec 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	35601		
152	72.5	36.5	54.7#	
154	77.2	72.3	108.5	





#53

Dibenzenofuran

Concen: 7.35 ng/ul

RT: 15.26 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Instrument :

BNA_G

ClientSampleId :

DA8W4

Tot Ion:168 Resp: 119248

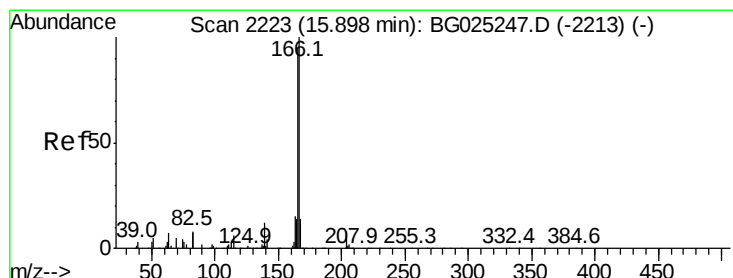
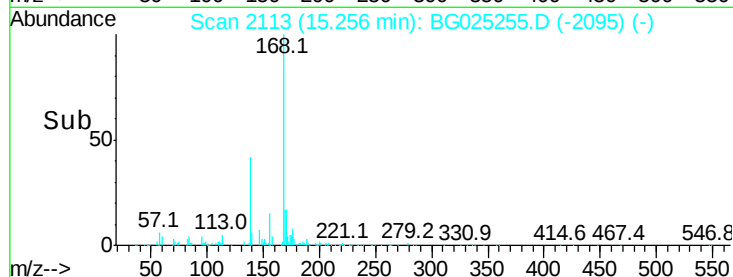
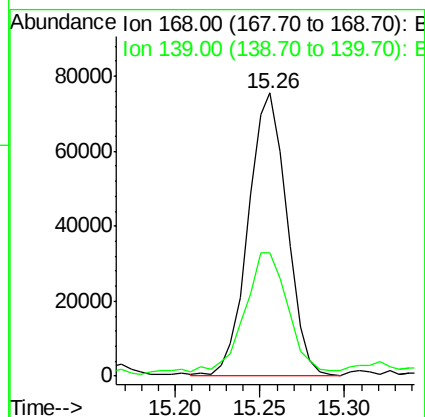
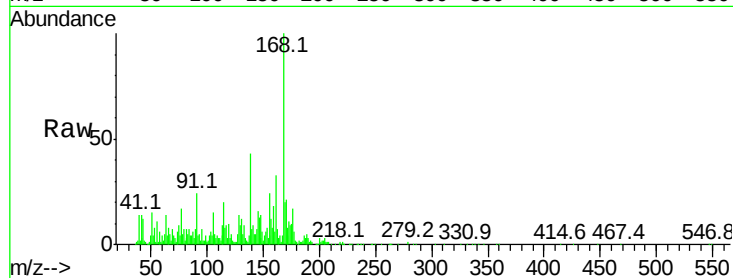
Ion Ratio Lower Upper

168 100

139 43.4 33.8 50.8

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#58

Fluorene

Concen: 13.30 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

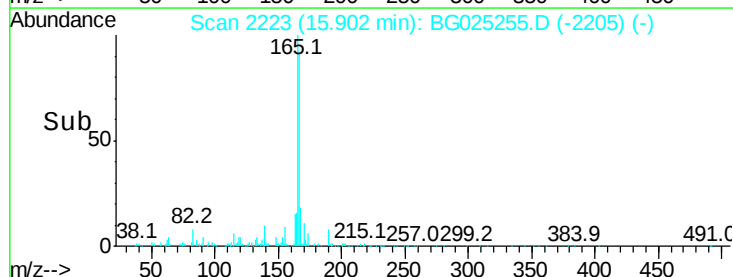
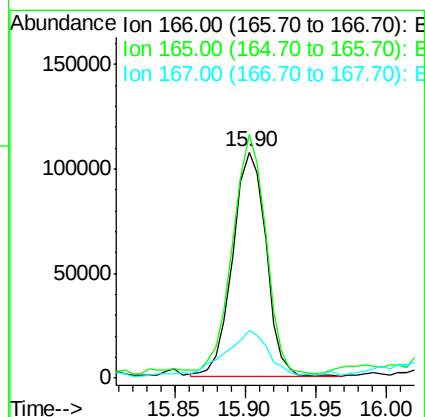
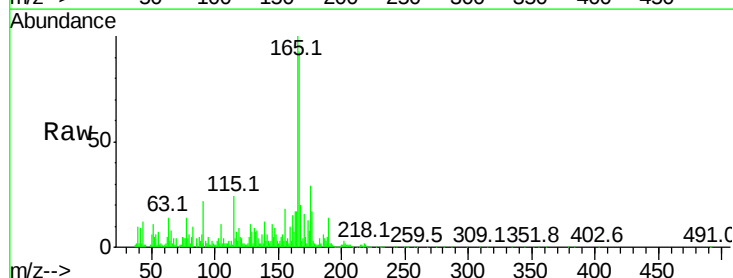
Tgt Ion:166 Resp: 175634

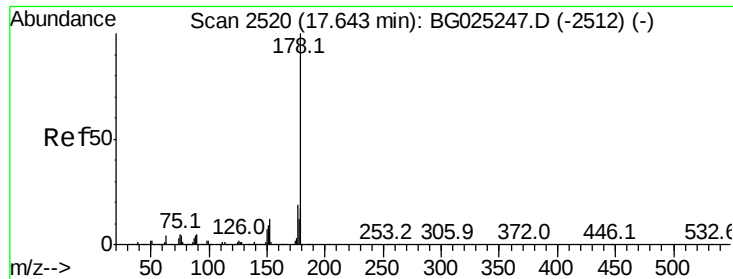
Ion Ratio Lower Upper

166 100

165 107.7 79.7 119.5

167 21.3 11.4 17.2#





#69

Phenanthrene

Concen: 8.89 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Instrument :

BNA_G

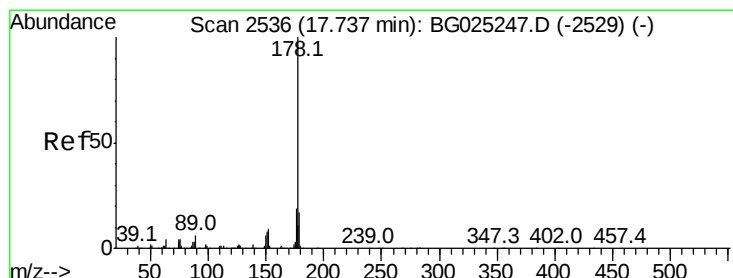
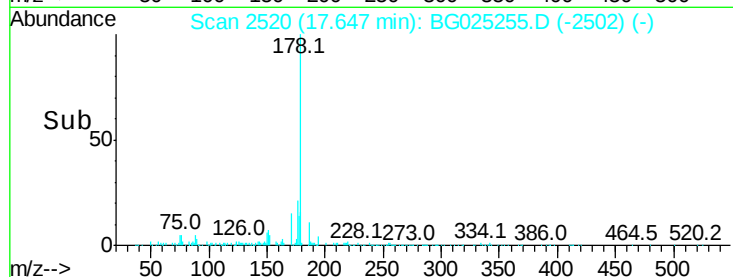
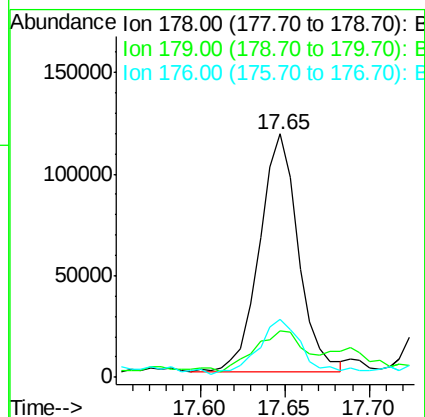
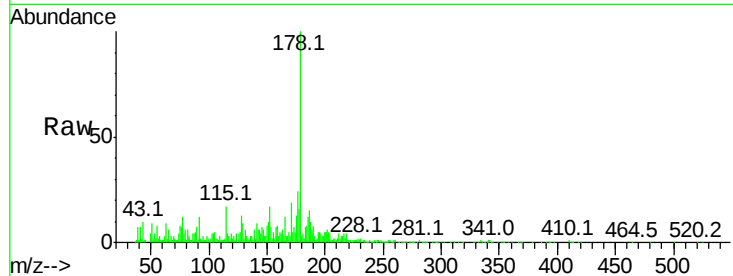
ClientSampleId :

DA8W4

Tot Ion:178	Resp:	186673
Ion Ratio	Lower	Upper
178	100	
179	19.2	12.4 18.6#
176	23.6	16.5 24.7

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#71

Anthracene

Concen: 2.61 ng/ul

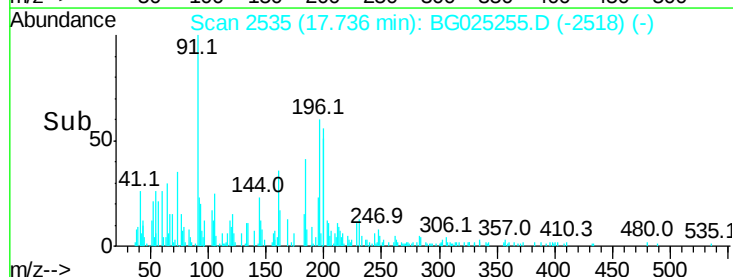
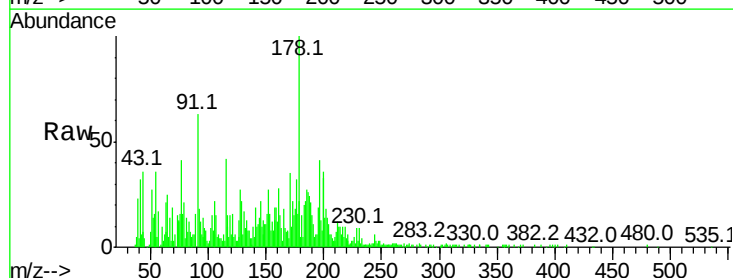
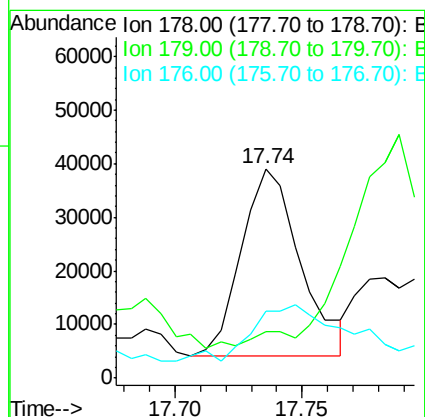
RT: 17.74 min Scan# 2535

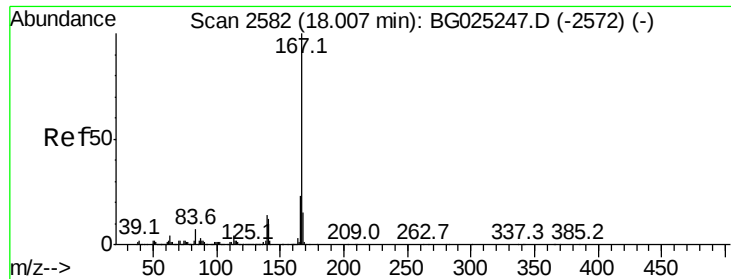
Delta R.T. -0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Tgt Ion:178	Resp:	56375
Ion Ratio	Lower	Upper
178	100	
179	22.0	12.6 19.0#
176	31.9	15.9 23.9#





#72

Carbazole

Concen: 1.69 ng/ul

RT: 18.02 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Instrument :

BNA_G

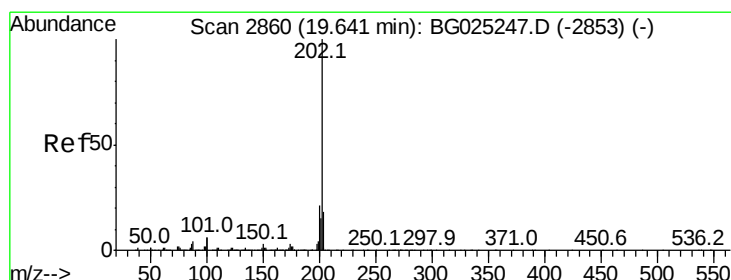
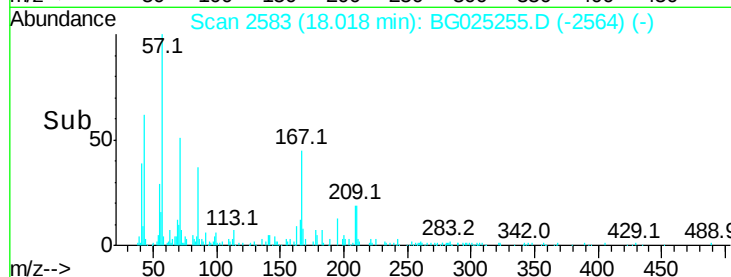
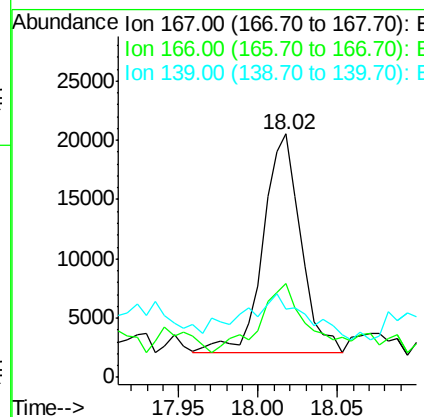
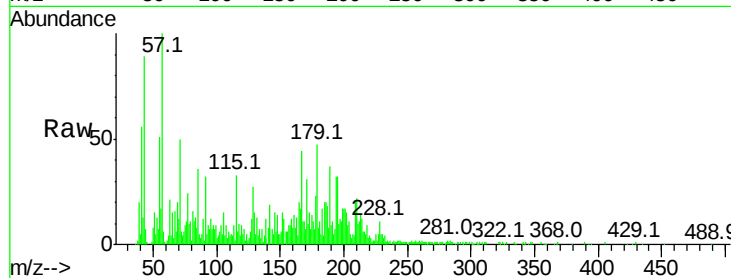
ClientSampleId :

DA8W4

Tot Ion:	167	Resp:	30455
Ion Ratio	Lower	Upper	
167	100		
166	38.4	17.9	26.9#
139	27.9	10.5	15.7#

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#74

Fluoranthene

Concen: 1.86 ng/ul

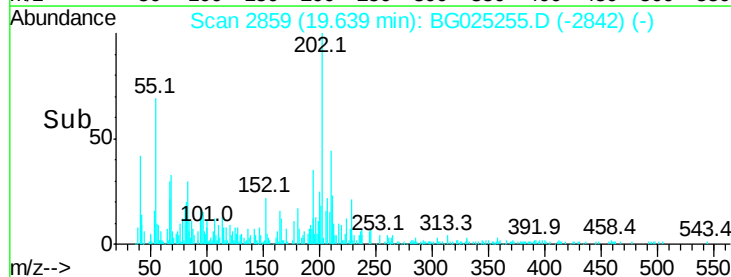
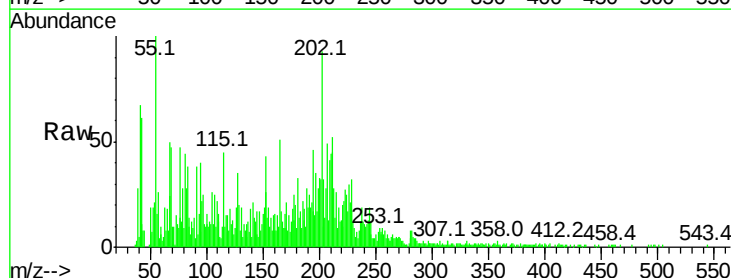
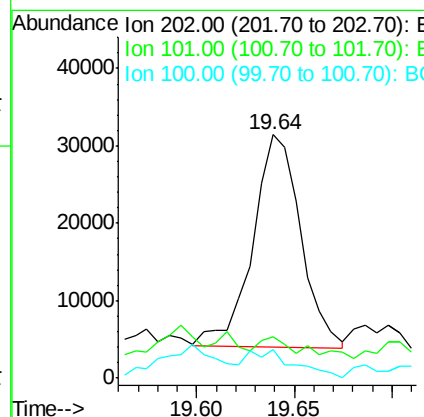
RT: 19.64 min Scan# 2859

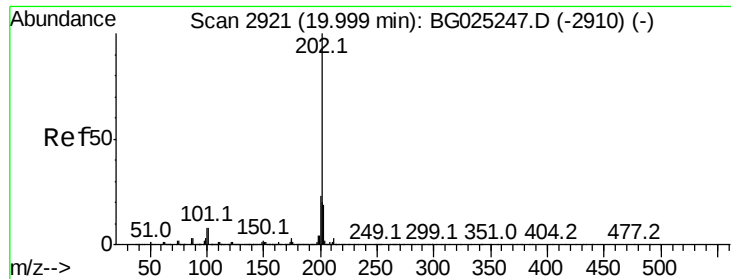
Delta R.T. -0.00 min

Lab File: BG025255.D

Acq: 17 Dec 2016 1:51

Tgt Ion:	202	Resp:	46363
Ion Ratio	Lower	Upper	
202	100		
101	17.0	6.2	9.2#
100	11.9	5.2	7.8#





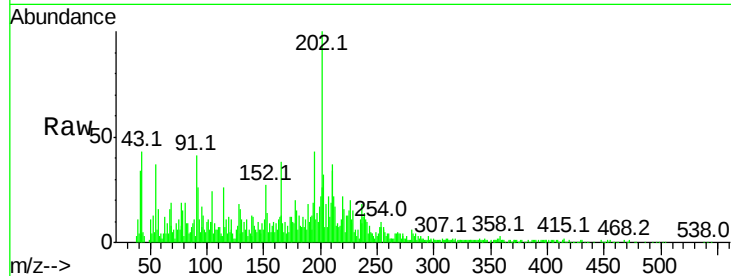
#77
 Pvrene
 Concen: 2.80 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. 0.00 min
 Lab File: BG025255.D
 Acq: 17 Dec 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 DA8W4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	6.9	10.3#
100	9.9	6.6	10.0

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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

