

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025203.D
 Acq On : 15 Dec 2016 8:45
 Operator : UM/SJ
 Sample : H5938-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA832

Manual Integrations
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 12/15/2016 5:45:06 PM

Quant Time: Dec 15 10:41:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	98009	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	427814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	335599	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	648903	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	811757	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	841930	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	16908	8.91	ng/uL	-0.01
5) Phenol-d5	7.38	99	179055	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	126887	24.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	127607	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	156837	22.20	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	79913	26.38	ng/ul	0.01
22) 2-Nitrophenol-d4	10.14	143	85968	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	161977	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	450445	63.10	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	524158	22.71	ng/ul	0.02
46) Acenaphthylene-d8	14.56	160	611012	24.16	ng/ul	0.01
51) 4-Nitrophenol-d4	15.09	143	105474	26.59	ng/ul	0.03
57) Fluorene-d10	15.85	176	637501	29.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	104775	26.11	ng/ul	0.02
70) Anthracene-d10	17.71	188	682987	24.94	ng/ul	0.00
76) Pyrene-d10	19.98	212	805465	24.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	845274	24.78	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	103516	11.93	ng/ul#	90
11) 2-Methylphenol	8.68	108	131927	20.65	ng/ul	97
16) 4-Methylphenol	9.02	108	626739	88.16	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	674910m	77.03	ng/ul	
28) Naphthalene	11.12	128	2024597	101.81	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	2754241	175.50	ng/ul	92
40) 1,1'-Biphenyl	13.70	154	663242	32.60	ng/ul	98
44) Dimethylphthalate	14.31	163	430791	18.99	ng/ul	99
49) Acenaphthene	14.93	153	165160	9.81	ng/ul#	84
53) Dibenzofuran	15.26	168	406656	15.27	ng/ul	95
58) Fluorene	15.91	166	438187	20.21	ng/ul#	93
69) Phenanthrene	17.65	178	237178	7.66	ng/ul#	92
71) Anthracene	17.74	178	57168	1.80	ng/ul#	72
74) Fluoranthene	19.64	202	42550	1.16	ng/ul#	89
77) Pyrene	20.01	202	59517	1.53	ng/ul#	89

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

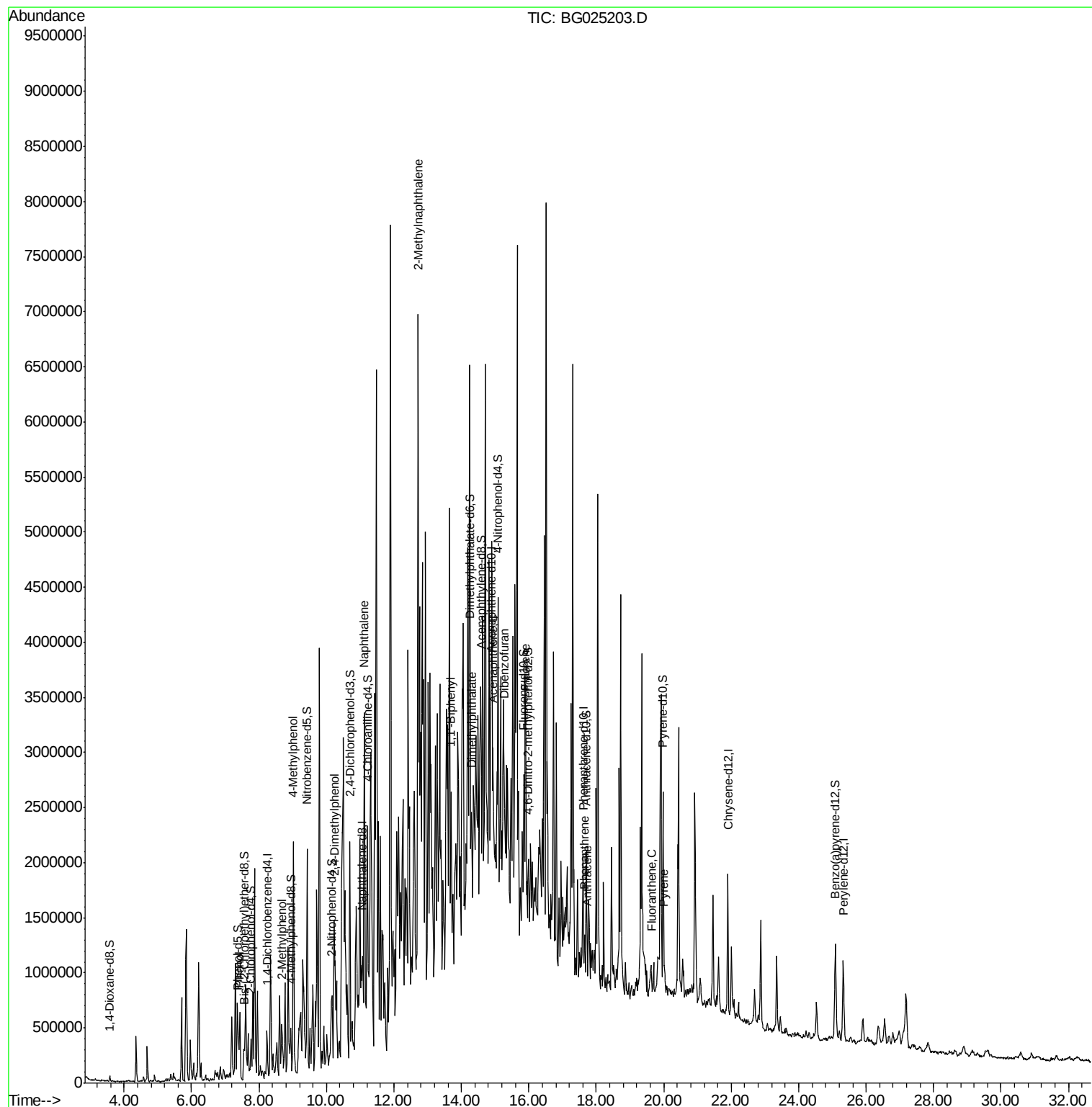
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025203.D
Acq On : 15 Dec 2016 8:45
Operator : UM/SJ
Sample : H5938-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

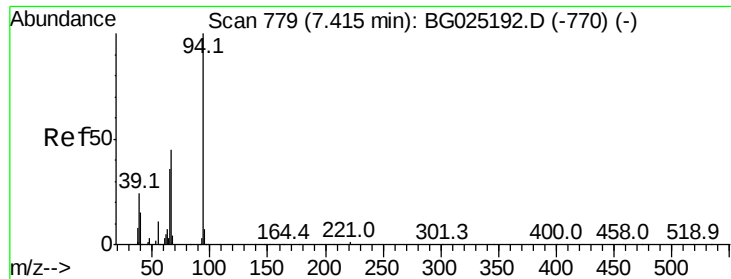
Instrument :
BNA_G
ClientSampleId :
DA832

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Quant Time: Dec 15 10:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration





#6

Phenol

Concen: 11.93 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Instrument :

BNA_G

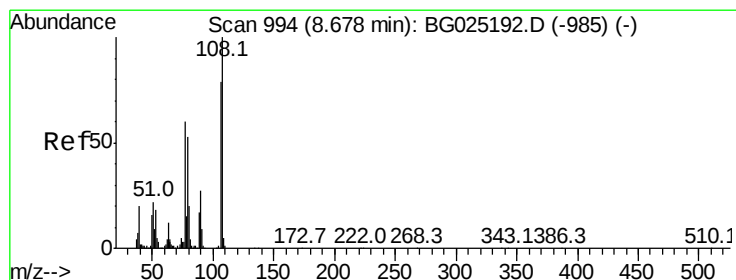
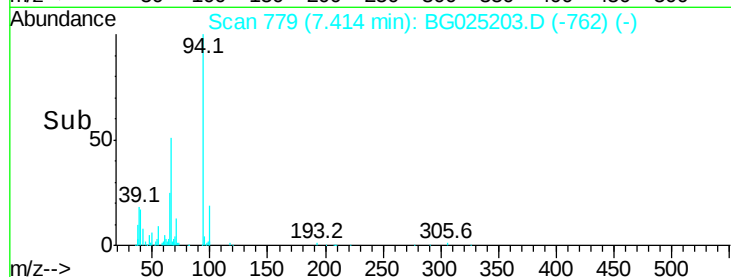
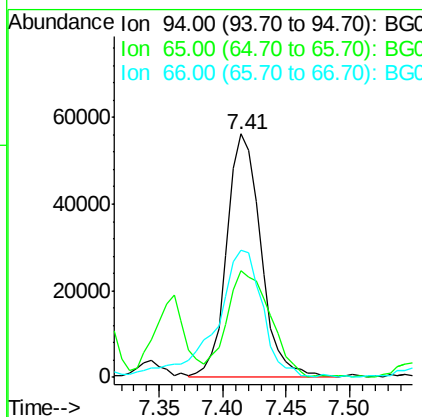
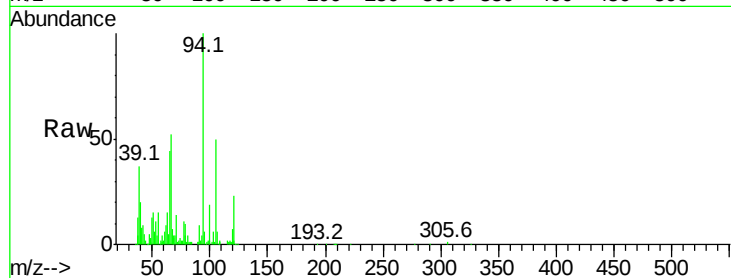
ClientSampleId :

DA832

Tot Ion:	94	Resp:	103516
Ion Ratio	Lower	Upper	
94	100		
65	43.8	26.8	40.2#
66	52.3	44.4	66.6

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#11

2-Methylphenol

Concen: 20.65 ng/ul

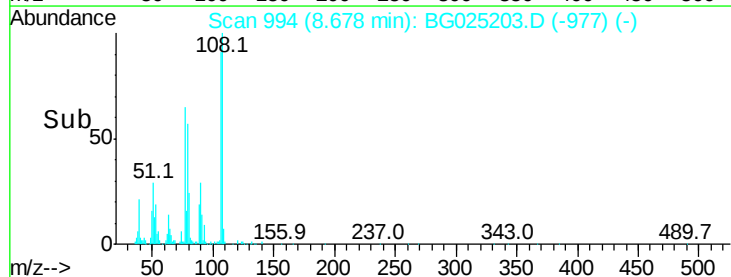
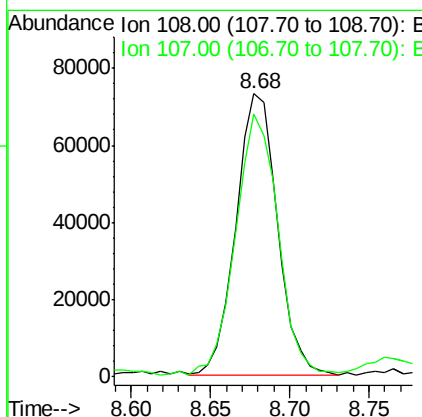
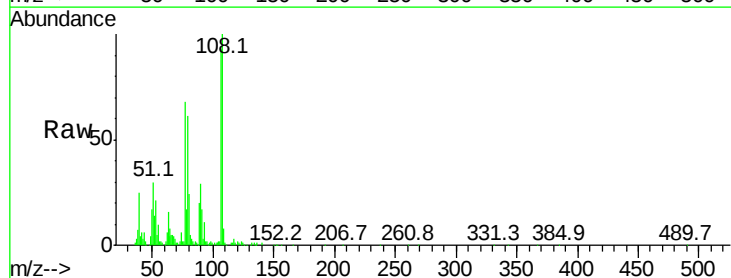
RT: 8.68 min Scan# 994

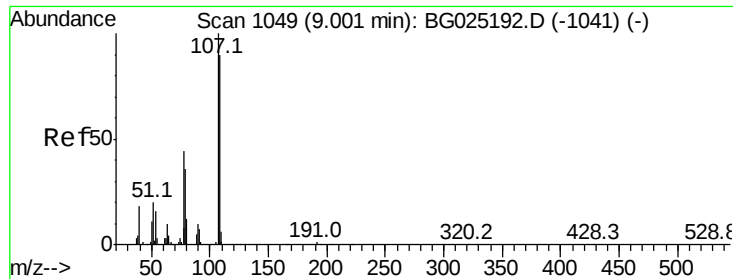
Delta R.T. -0.00 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Tgt Ion:	108	Resp:	131927
Ion Ratio	Lower	Upper	
108	100		
107	92.8	76.7	115.1





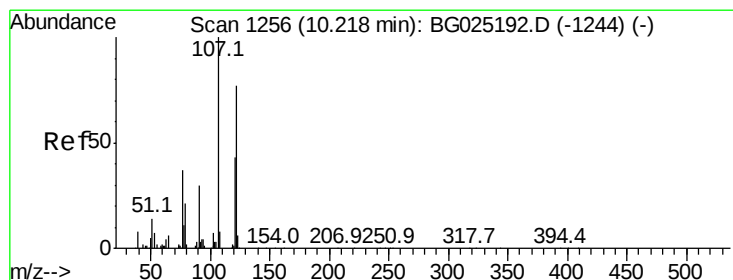
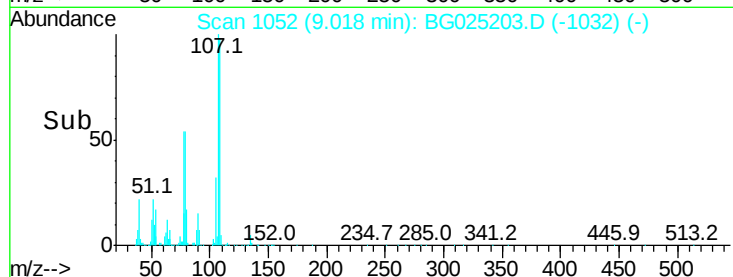
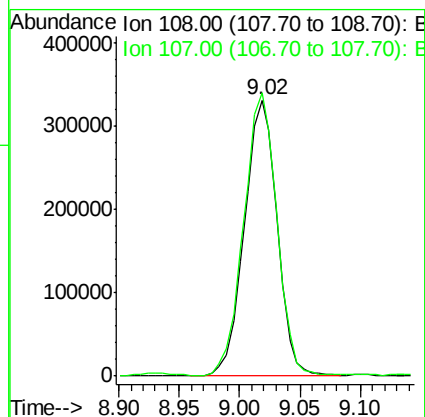
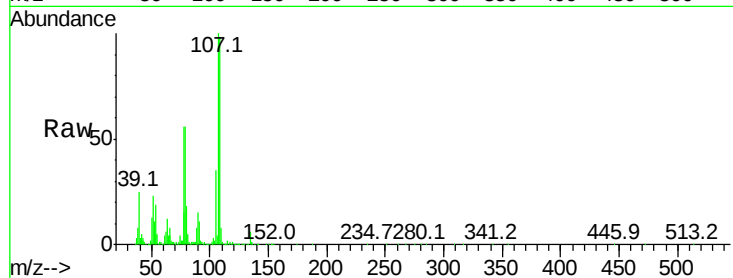
#16
4-Methylphenol
Concen: 88.16 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.02 min
Lab File: BG025203.D
Acq: 15 Dec 2016 8:45

Instrument :
BNA_G
ClientSampleId :
DA832

Tot Ion	Ratio	Lower	Upper
108	100		
107	102.5	91.7	137.5

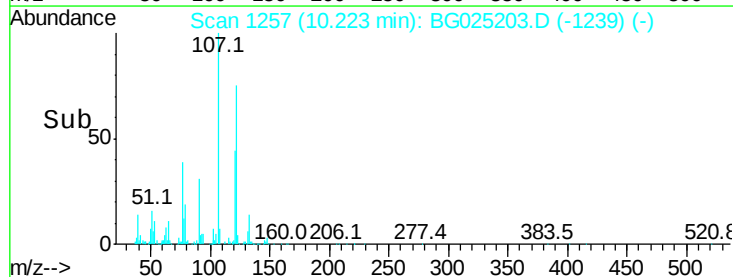
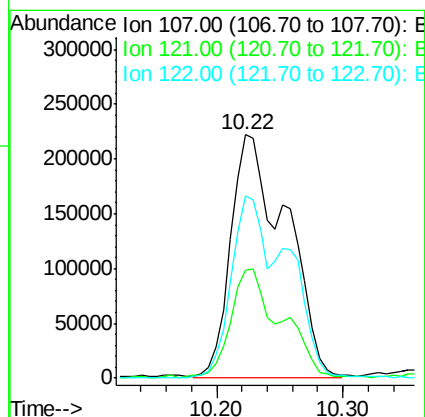
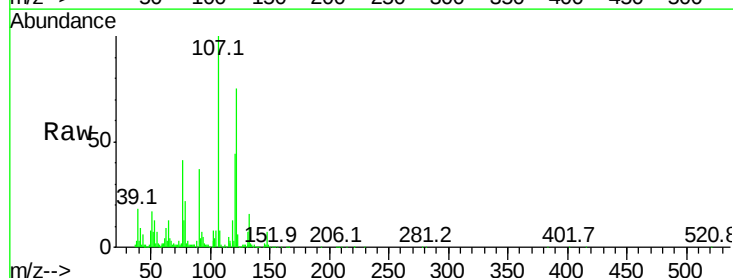
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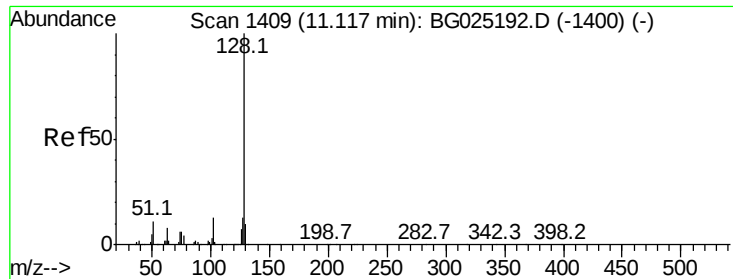
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#24
2,4-Dimethylphenol
Concen: 77.03 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025203.D
Acq: 15 Dec 2016 8:45

Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.3	32.3	48.5
122	74.9	61.2	91.8





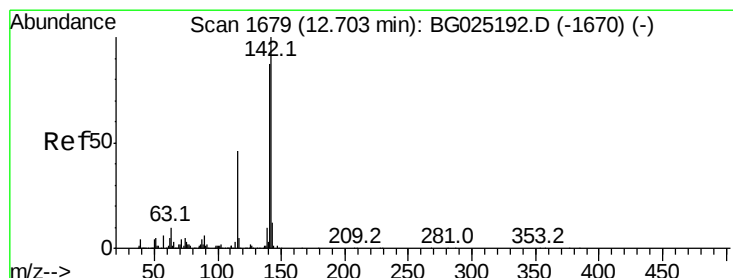
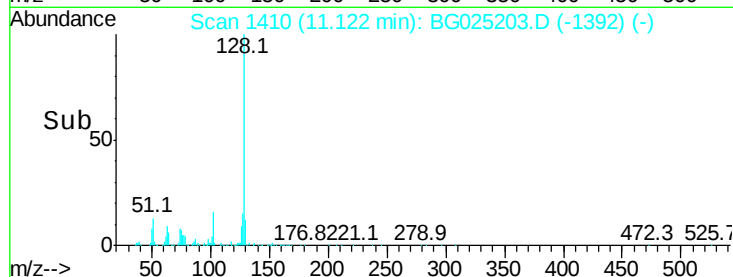
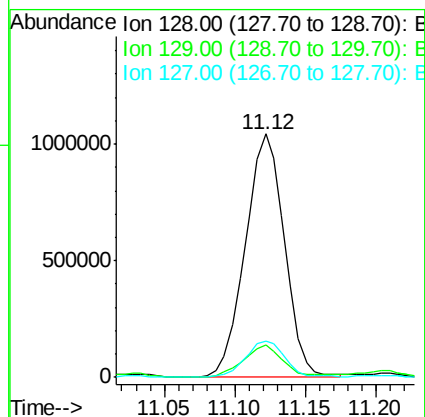
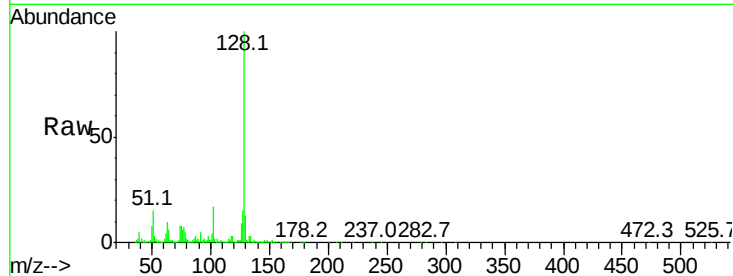
#28
Naphthalene
Concen: 101.81 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025203.D
Acq: 15 Dec 2016 8:45

Instrument :
BNA_G
ClientSampleId :
DA832

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.2
127	15.1	10.3	15.5

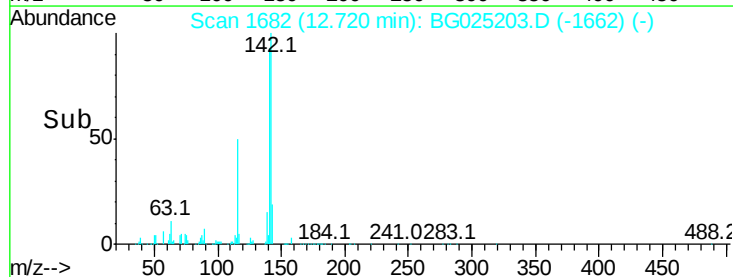
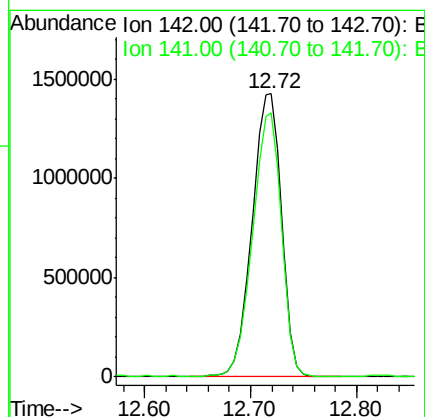
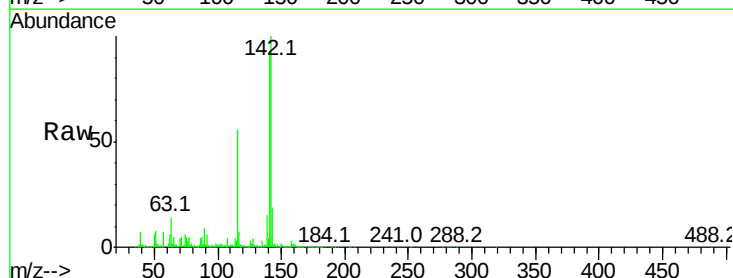
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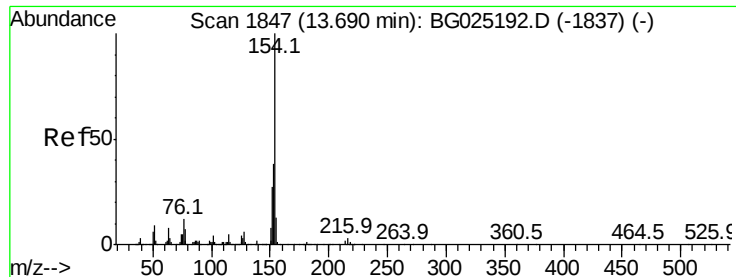
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#34
2-Methylnaphthalene
Concen: 175.50 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.02 min
Lab File: BG025203.D
Acq: 15 Dec 2016 8:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	68.6	102.8





#40

1,1'-Biphenyl

Concen: 32.60 ng/ul

RT: 13.70 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Instrument :

BNA_G

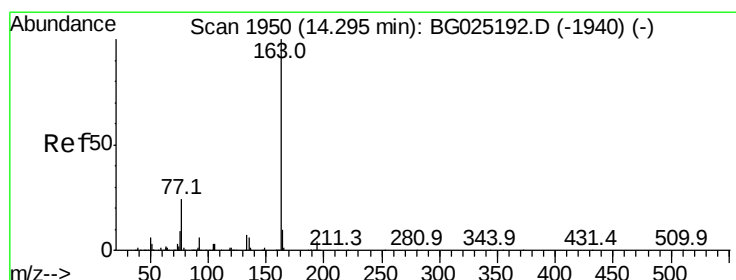
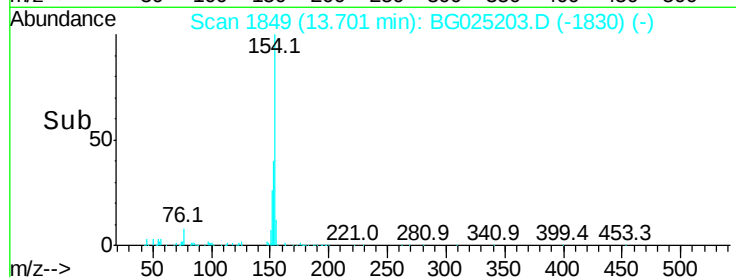
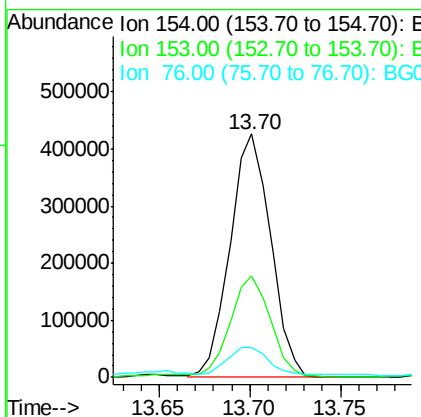
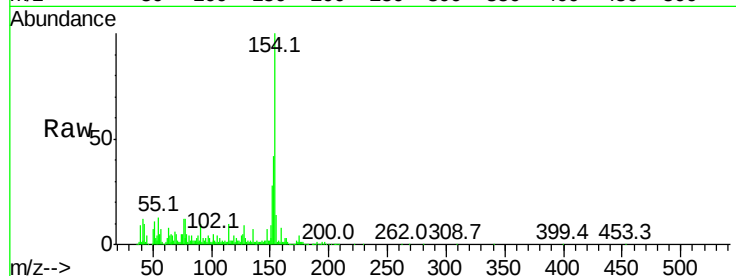
ClientSampleId :

DA832

Tot Ion:	154	Resp:	663242
Ion Ratio	Lower	Upper	
154	100		
153	41.8	32.2	48.2
76	12.2	9.6	14.4

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#44

Dimethylphthalate

Concen: 18.99 ng/ul

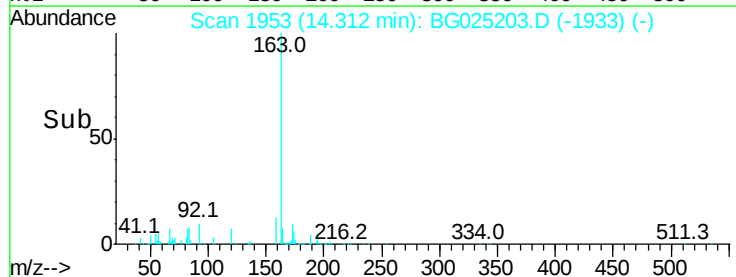
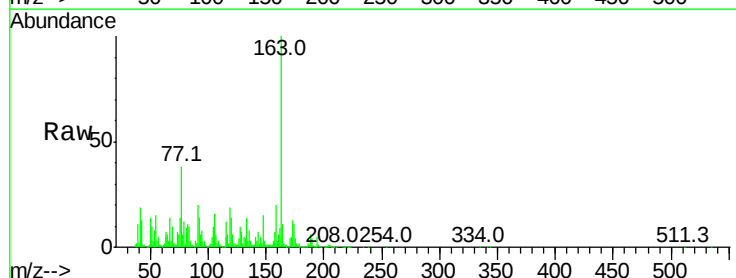
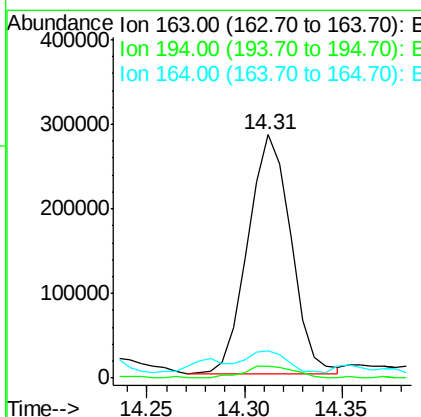
RT: 14.31 min Scan# 1953

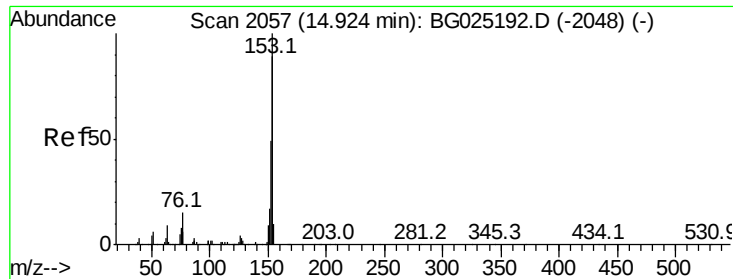
Delta R.T. 0.02 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Tgt Ion:	163	Resp:	430791
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.0
164	11.2	9.0	13.4





#49

Acenaphthene

Concen: 9.81 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Instrument :

BNA_G

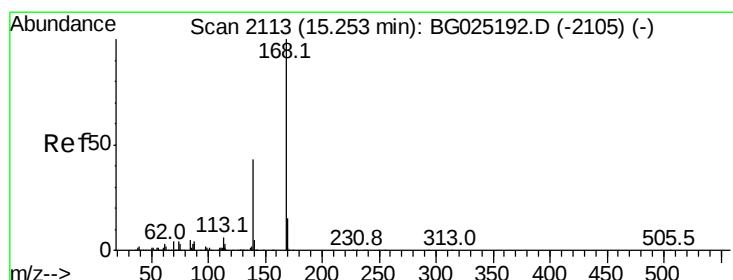
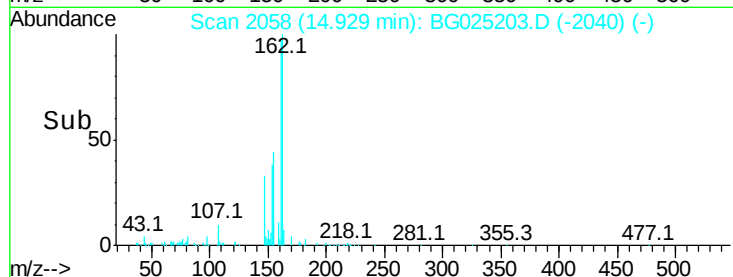
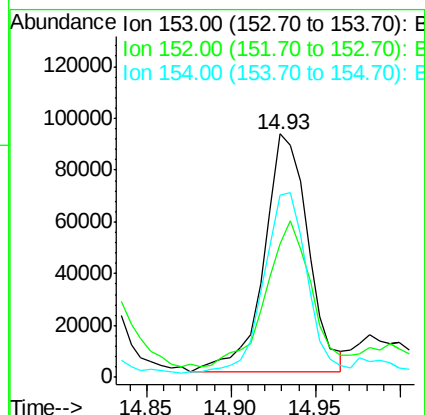
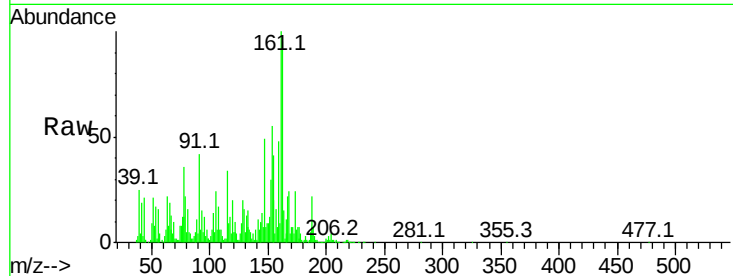
ClientSampleId :

DA832

Tot Ion	Ratio	Lower	Upper
153	100		
152	54.8	36.5	54.7#
154	75.0	72.3	108.5

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#53

Dibenzofuran

Concen: 15.27 ng/ul

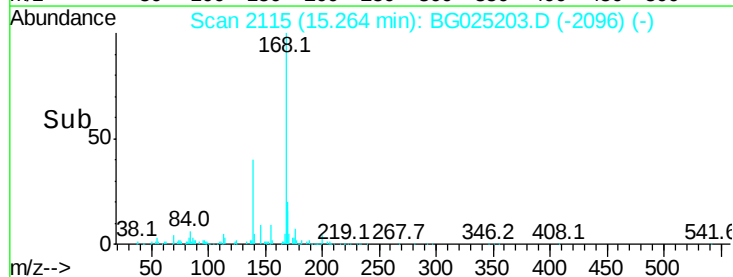
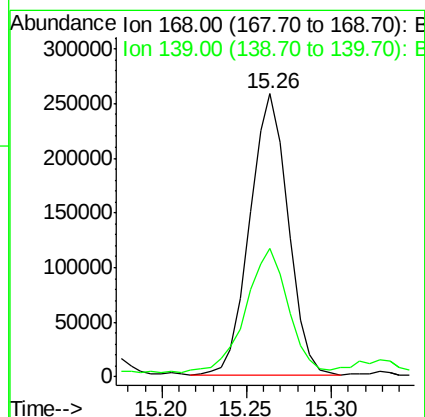
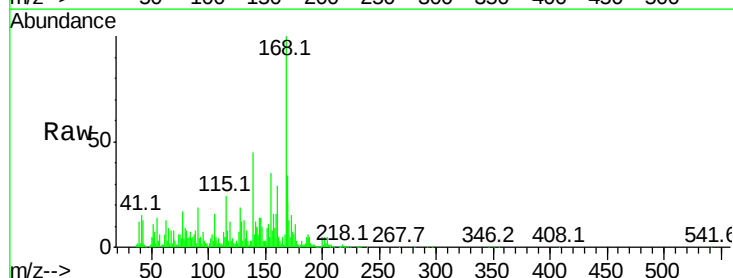
RT: 15.26 min Scan# 2115

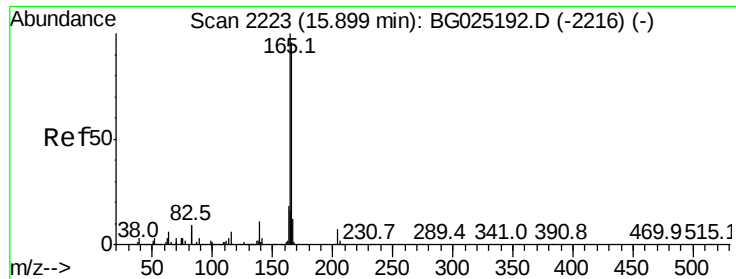
Delta R.T. 0.01 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.3	33.8	50.8





#58

Fluorene

Concen: 20.21 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Instrument :

BNA_G

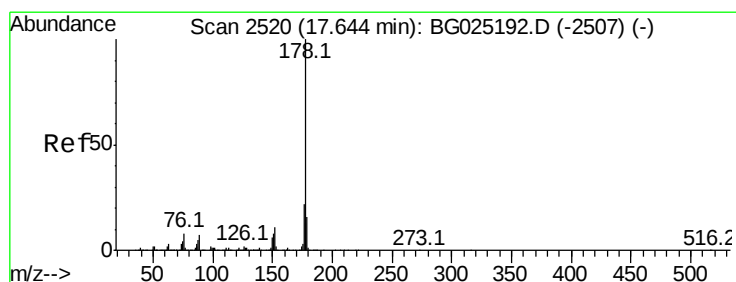
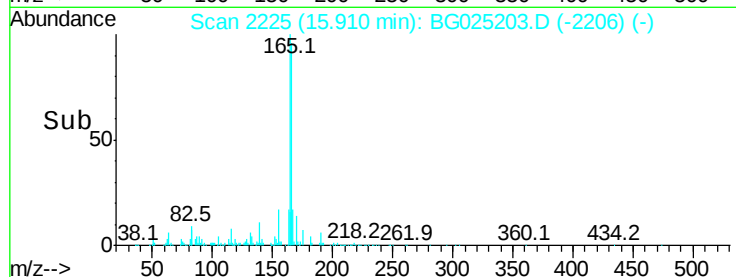
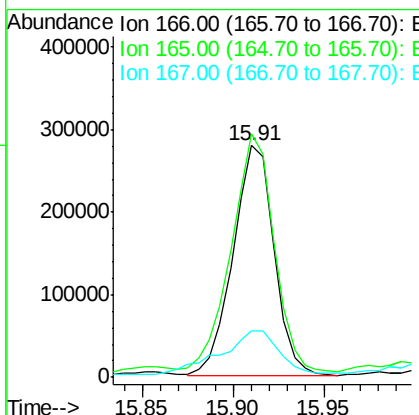
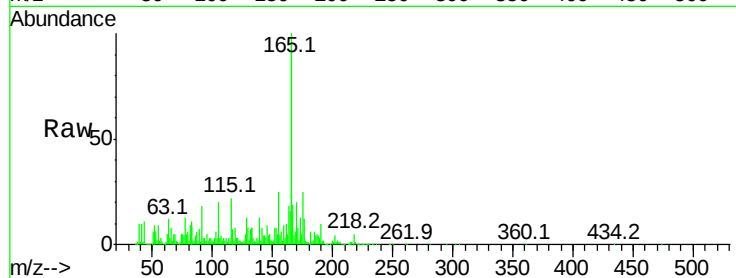
ClientSampleId :

DA832

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	105.1	79.7	119.5	
167	19.9	11.4	17.2#	

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#69

Phenanthrene

Concen: 7.66 ng/ul

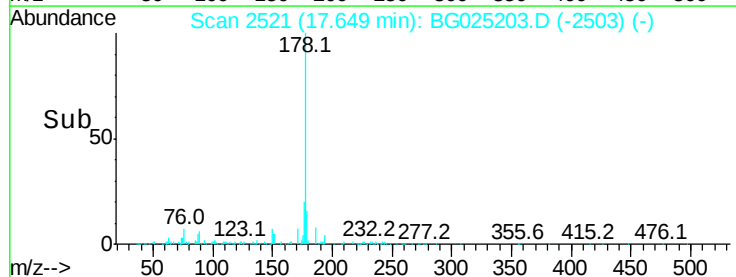
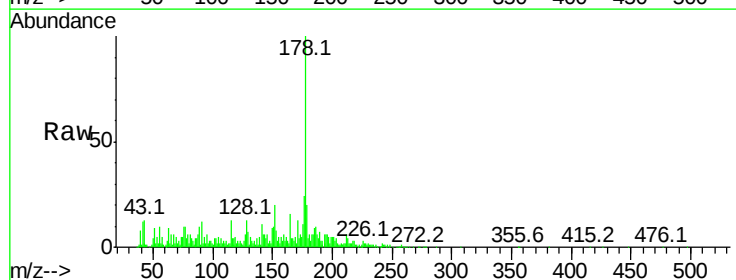
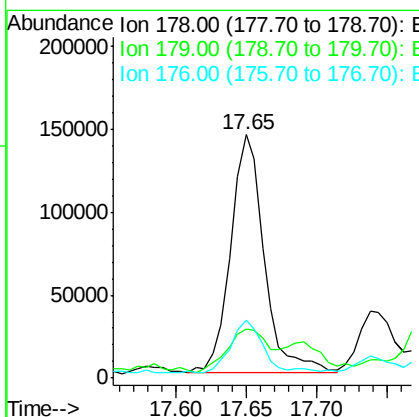
RT: 17.65 min Scan# 2521

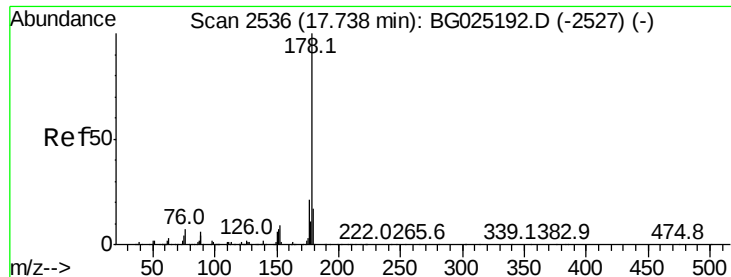
Delta R.T. 0.01 min

Lab File: BG025203.D

Acq: 15 Dec 2016 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	20.1	12.4	18.6#	
176	23.7	16.5	24.7	





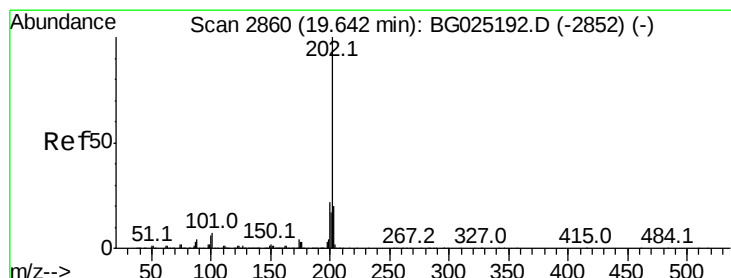
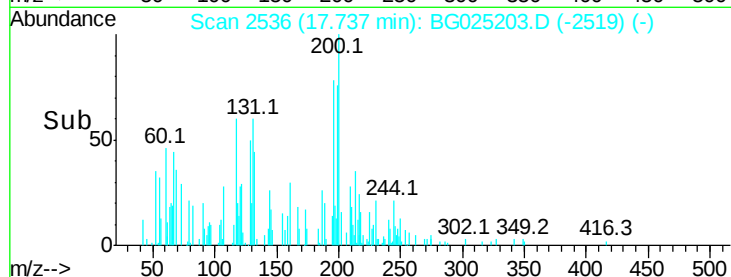
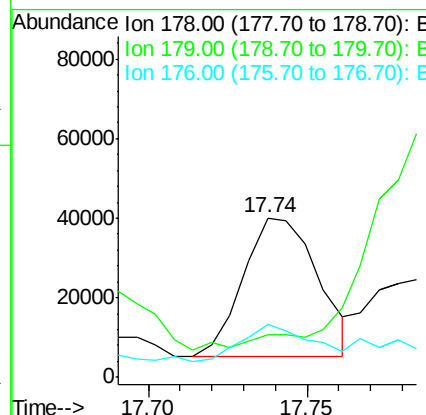
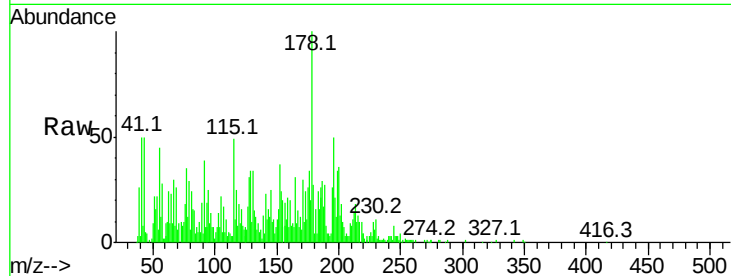
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 Anthracene
 Concen: 1.80 ng/ul
 RT: 17.74 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BG025203.D
 Acq: 15 Dec 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 DA832

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.1	12.6	19.0#
176	33.6	15.9	23.9#

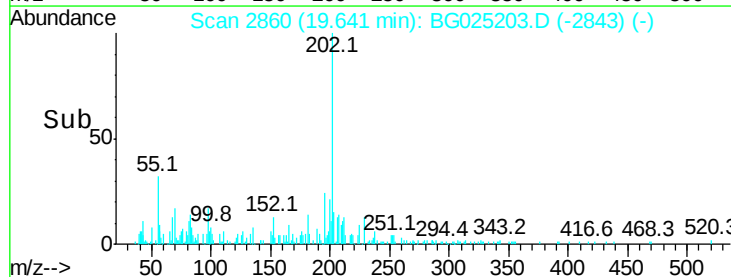
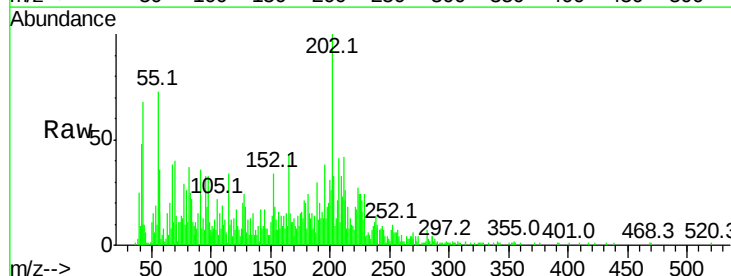
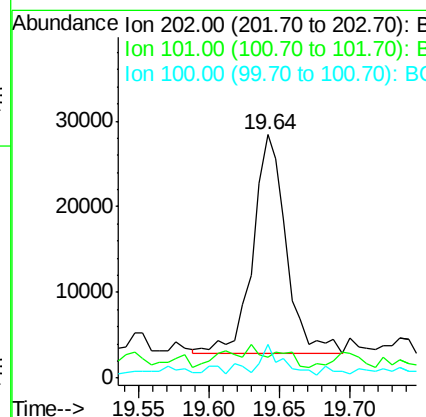
Manual Integrations
 APPROVED

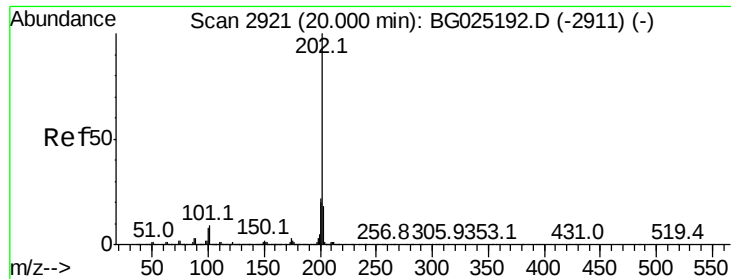
sohil
 12/15/2016 5:45:06 PM



#74
 Fluoranthene
 Concen: 1.16 ng/ul
 RT: 19.64 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BG025203.D
 Acq: 15 Dec 2016 8:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.2	9.2
100	13.7	5.2	7.8#





#77
 Pvrene
 Concen: 1.53 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.01 min
 Lab File: BG025203.D
 Acq: 15 Dec 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 DA832

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	6.9	10.3#
100	11.0	6.6	10.0#

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:45:06 PM

