

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030756.D
 Acq On : 6 Nov 2017 2:14
 Operator : SJ/JU
 Sample : I6107-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EC1

Manual Integrations
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Sohil
 11/6/2017 2:19:40 PM

Quant Time: Nov 06 05:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	320576	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	220541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	518221	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	535693	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	549684	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8182	4.73	ng/uL	0.00
5) Phenol-d5	7.32	99	160077	23.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.47	67	97001	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	135022	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	131544	24.13	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	66962	29.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	81396	34.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	149644	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	139163	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	496651	26.34	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	627768	27.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	67333	19.34	ng/ul	0.01
57) Fluorene-d10	15.76	176	466336	30.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	19798	7.83	ng/ul	0.01
70) Anthracene-d10	17.61	188	723801	29.53	ng/ul	0.01
76) Pyrene-d10	19.89	212	792519	28.58	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.88	264	795501	30.56	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.34	94	27899	3.995	ng/ul#	87
44) Dimethylphthalate	14.22	163	306291	16.655	ng/ul	98
47) Acenaphthylene	14.50	152	62870	2.688	ng/ul	96
58) Fluorene	15.82	166	31153	1.785	ng/ul#	98
69) Phenanthrene	17.55	178	483347	17.253	ng/ul	98
71) Anthracene	17.64	178	38996	1.349	ng/ul	97
74) Fluoranthene	19.55	202	444641	14.202	ng/ul	99
77) Pyrene	19.92	202	668890	18.631	ng/ul	99
80) Benzo(a)anthracene	21.77	228	255150	7.600	ng/ul	95
82) Chrysene	21.83	228	351522	11.524	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	278591m	8.442	ng/ul	
86) Benzo(k)fluoranthene	24.10	252	78152m	2.449	ng/ul	
88) Benzo(a)pyrene	24.94	252	216621	6.744	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	142514	3.922	ng/ul#	92
90) Dibenzo(a,h)anthracene	28.92	278	44346	1.469	ng/ul#	82
91) Benzo(g,h,i)perylene	30.08	276	135573	4.500	ng/ul#	93

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

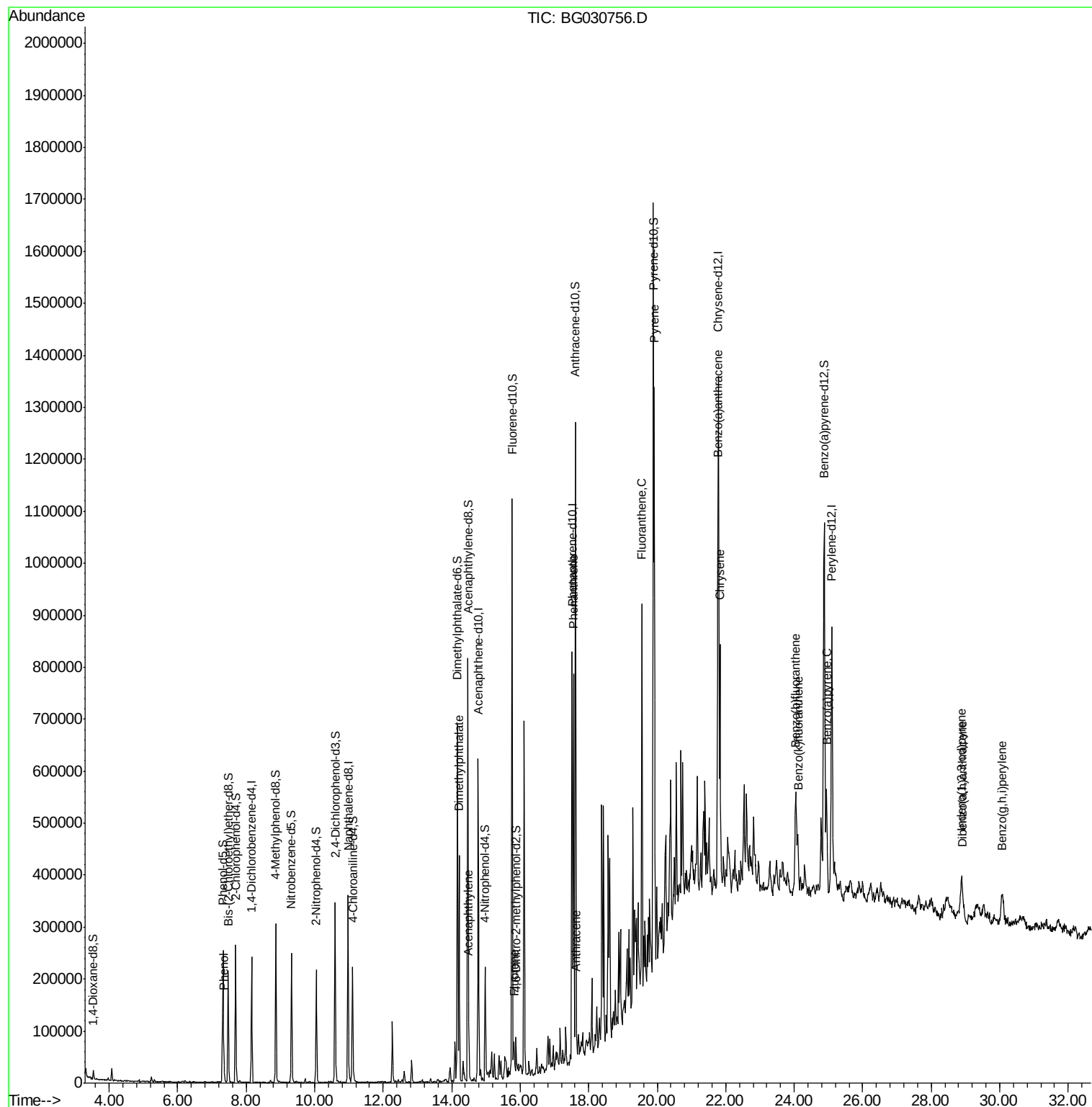
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030756.D
Acq On : 6 Nov 2017 2:14
Operator : SJ/JU
Sample : I6107-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

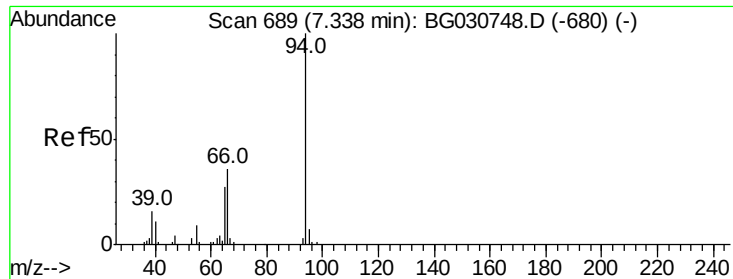
Instrument :
BNA_G
ClientSampled :
B0EC1

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Quant Time: Nov 06 05:52:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.995 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

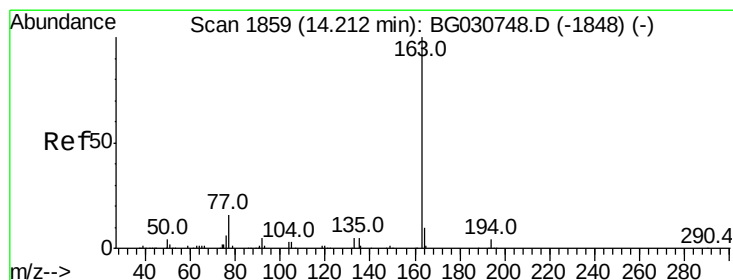
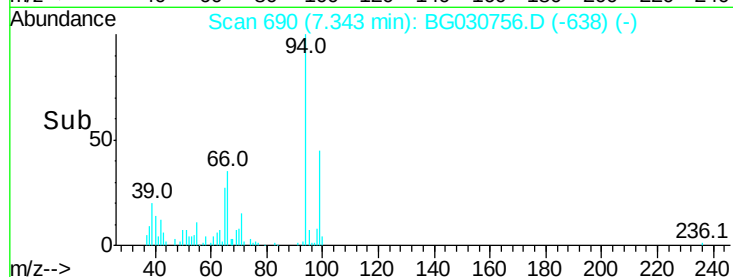
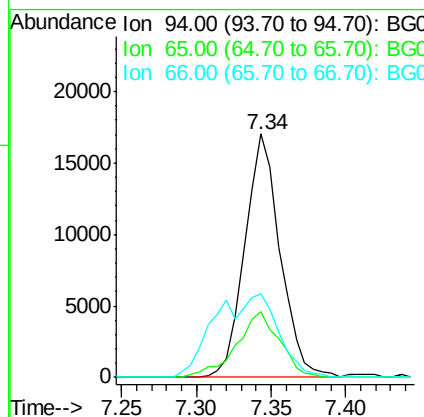
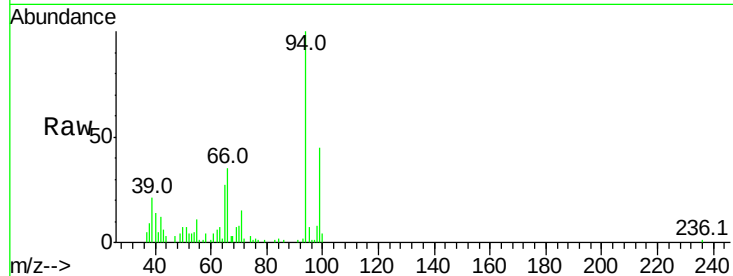
ClientSampleId :

B0EC1

Tot Ion:	94	Resp:	27899
Ion Ratio	Lower	Upper	
94	100		
65	27.2	27.1	40.7
66	34.5	34.6	52.0#

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#44

Dimethylphthalate

Concen: 16.655 ng/ul

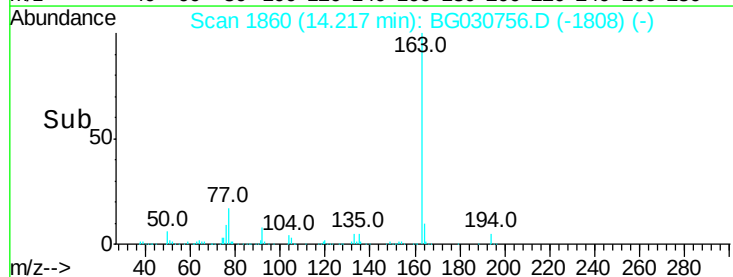
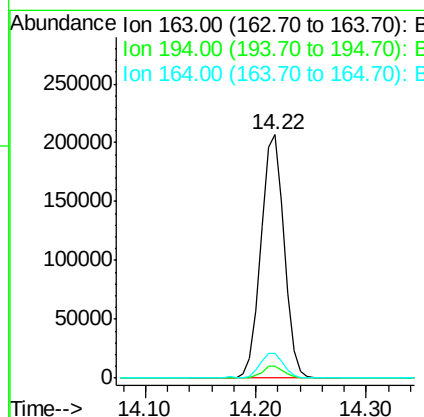
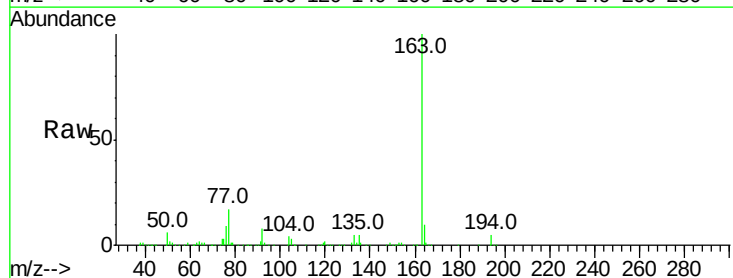
RT: 14.22 min Scan# 1860

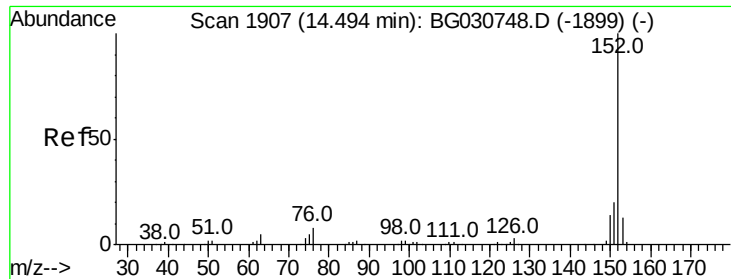
Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion:	163	Resp:	306291
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.3	7.6	11.4





#47

Acenaphthylene

Concen: 2.688 ng/ul

RT: 14.50 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

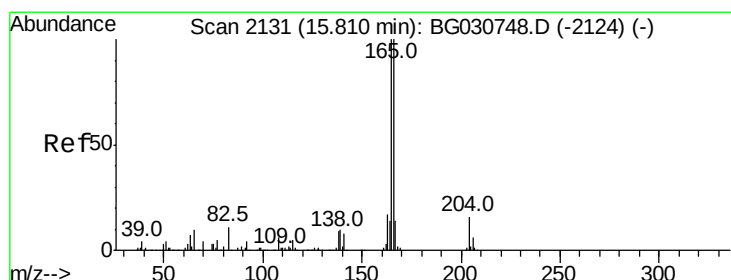
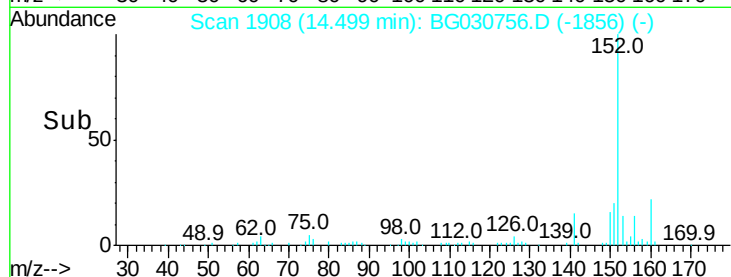
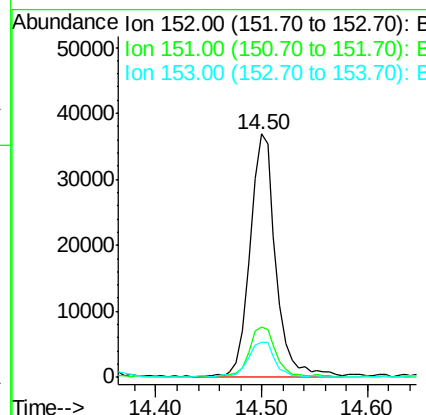
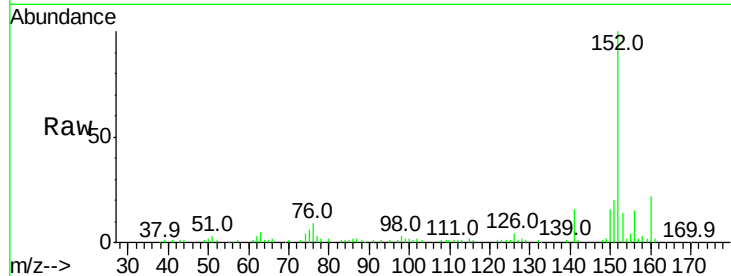
ClientSampled :

B0EC1

Tot Ion:	152	Resp:	62870
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.2	22.8
153	14.4	10.2	15.4

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#58

Fluorene

Concen: 1.785 ng/ul

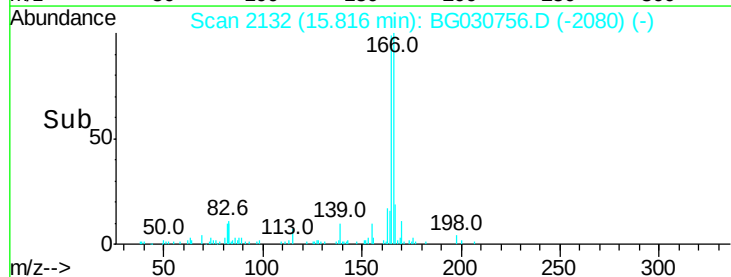
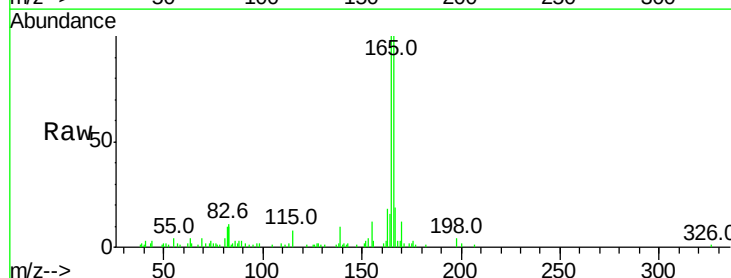
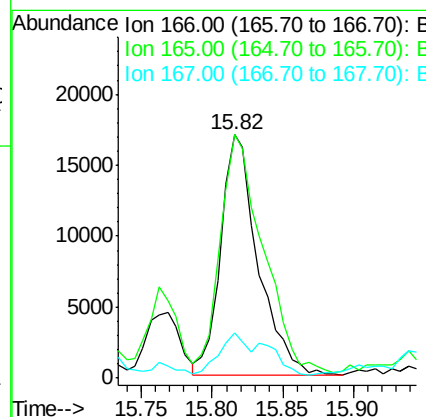
RT: 15.82 min Scan# 2132

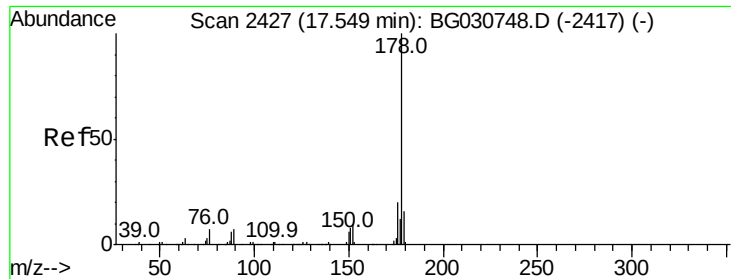
Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion:	166	Resp:	31153
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.9	119.9
167	18.8	10.6	16.0#





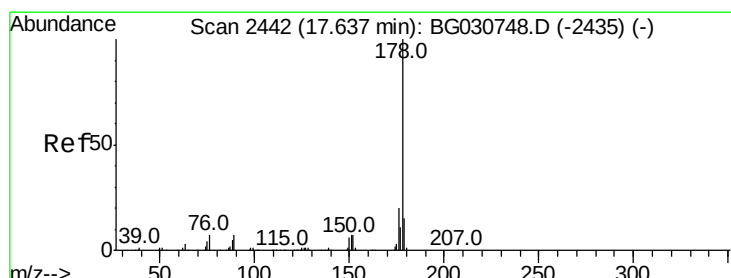
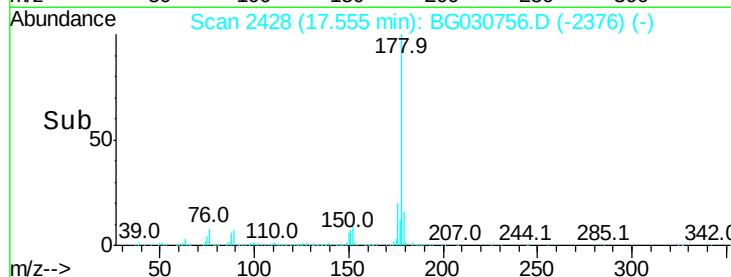
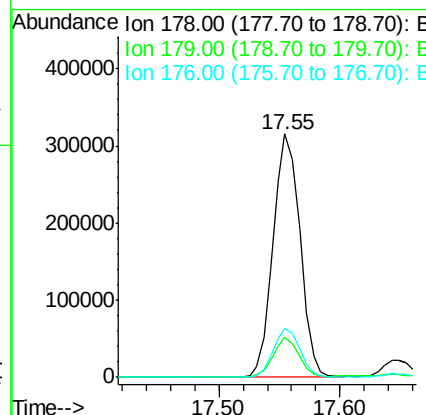
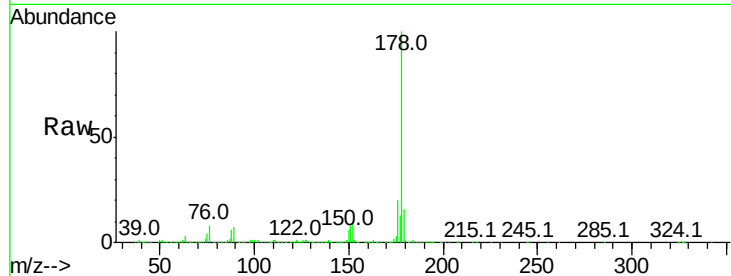
#69
 Phenanthrene
 Concen: 17.253 ng/ul
 RT: 17.55 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BG030756.D
 Acq: 6 Nov 2017 2:14

Instrument :
 BNA_G
 ClientSampleId :
 B0EC1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.3	15.3	22.9

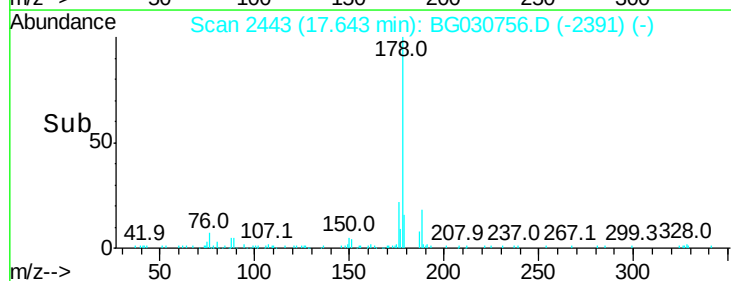
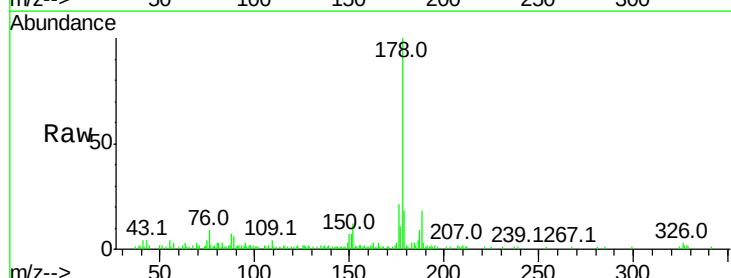
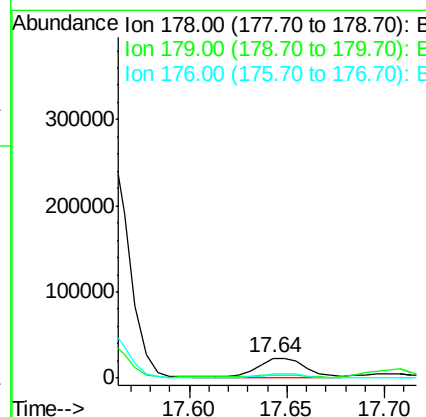
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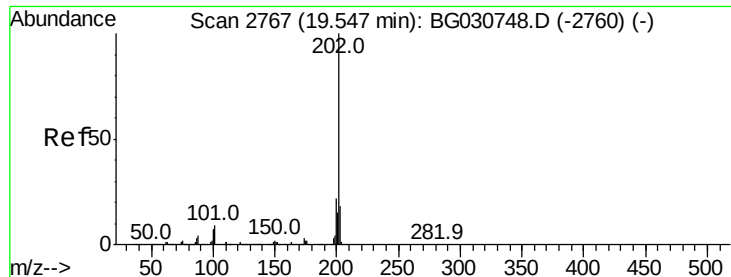
Sohil
 11/6/2017 2:19:40 PM



#71
 Anthracene
 Concen: 1.349 ng/ul
 RT: 17.64 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG030756.D
 Acq: 6 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.2	19.8
176	21.4	16.0	24.0





#74

Fluoranthene

Concen: 14.202 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

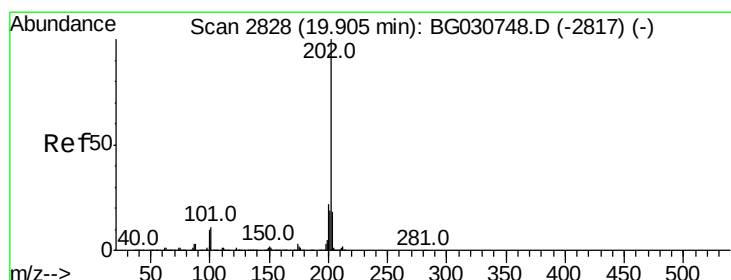
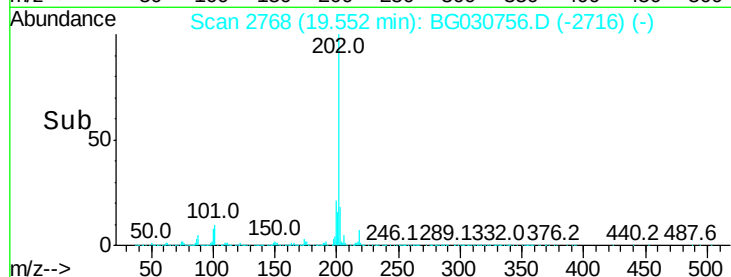
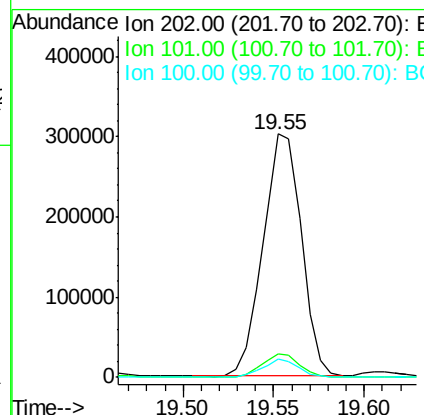
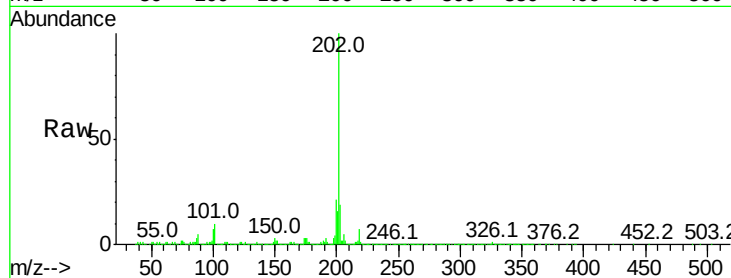
ClientSampleId :

B0EC1

Tot Ion:	202	Resp:	444641
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.4	11.2
100	7.5	5.6	8.4

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#77

Pyrene

Concen: 18.631 ng/ul

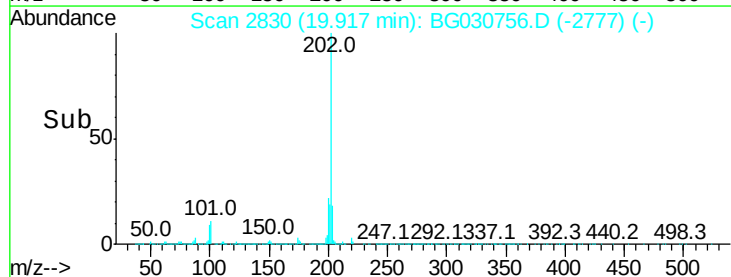
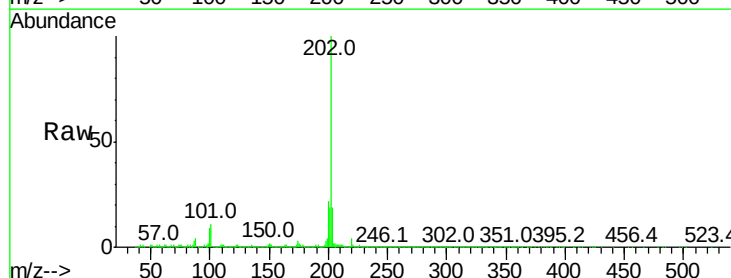
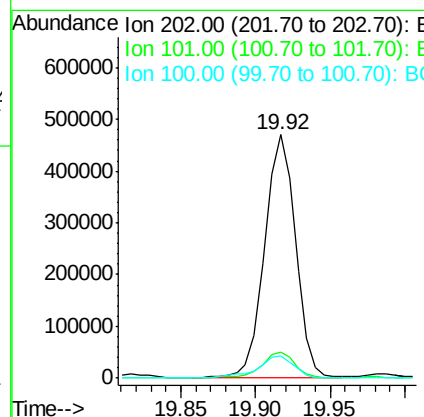
RT: 19.92 min Scan# 2830

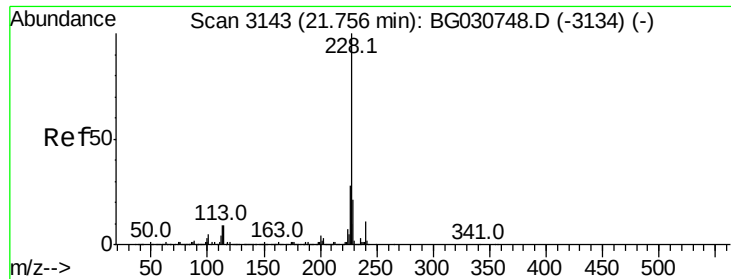
Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion:	202	Resp:	668890
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.4	12.6
100	9.2	7.0	10.6





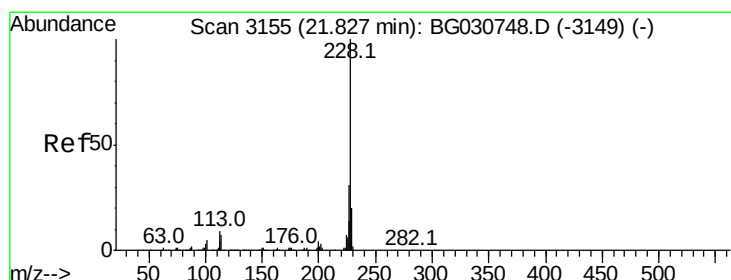
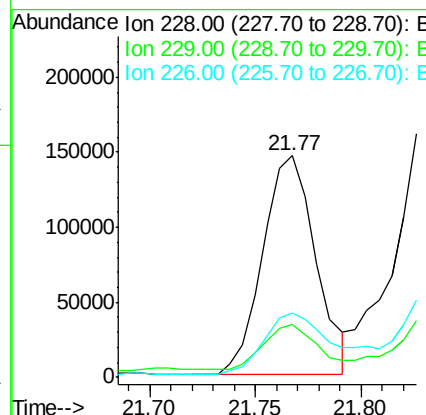
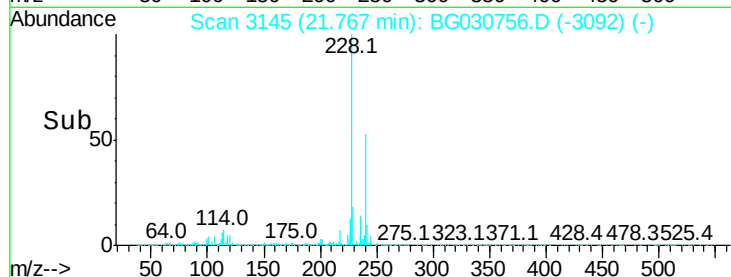
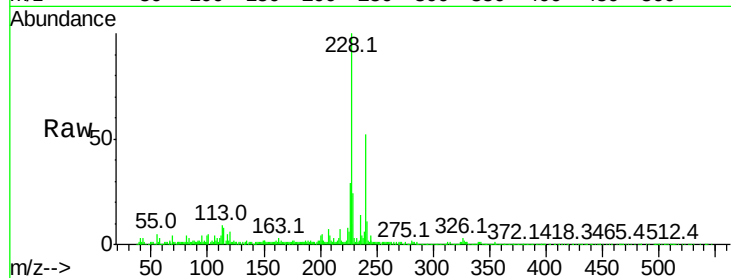
#80
Benzo(a)anthracene
Concen: 7.600 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.2	24.4
226	28.9	22.2	33.2

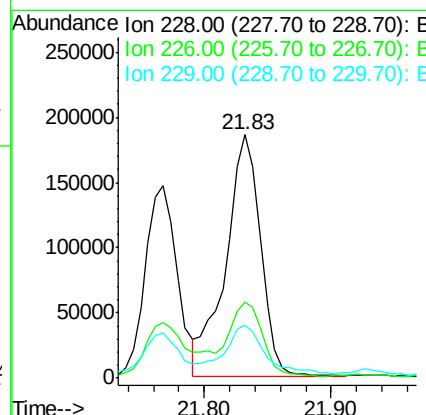
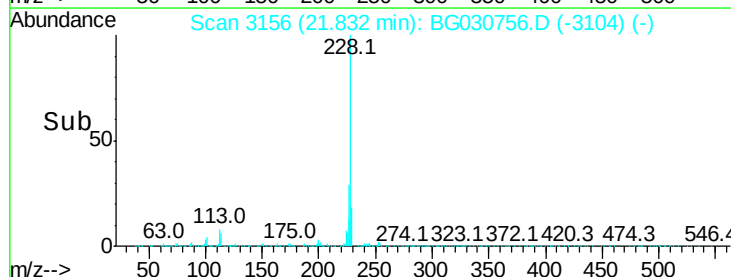
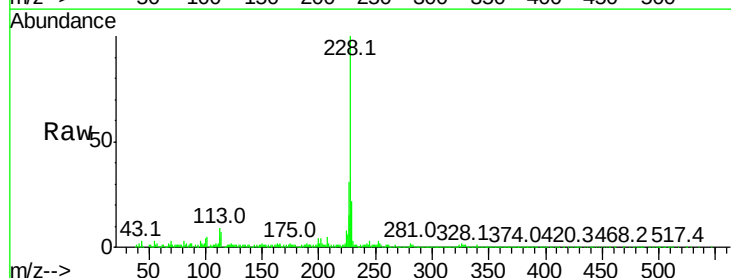
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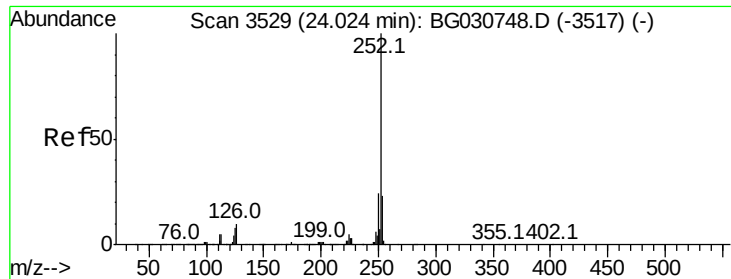
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#82
Chrysene
Concen: 11.524 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	21.7	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 8.442 ng/ul m

RT: 24.05 min Scan# 3533

Delta R.T. 0.02 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

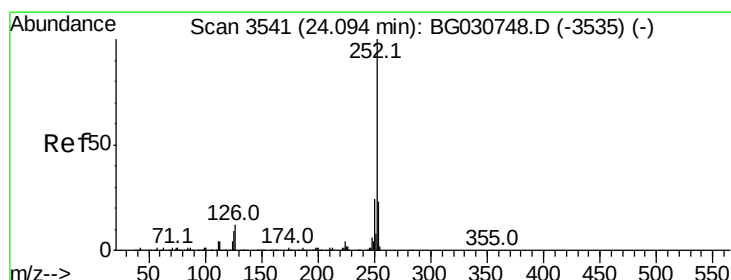
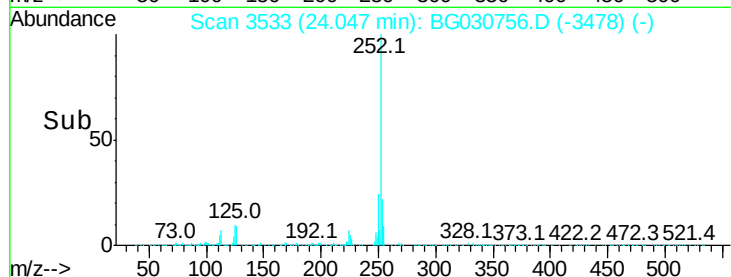
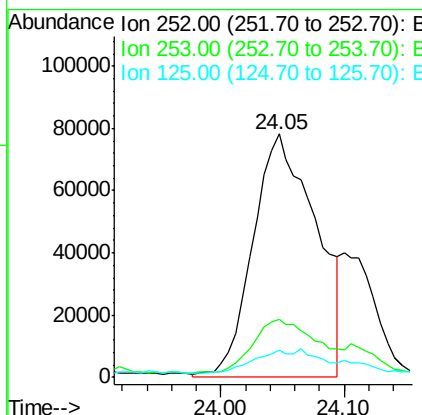
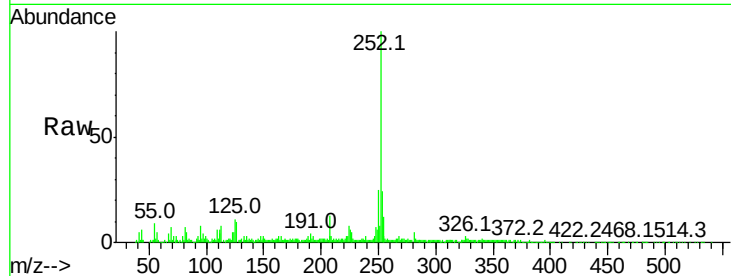
ClientSampled :

B0EC1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	11.3	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 2.449 ng/ul m

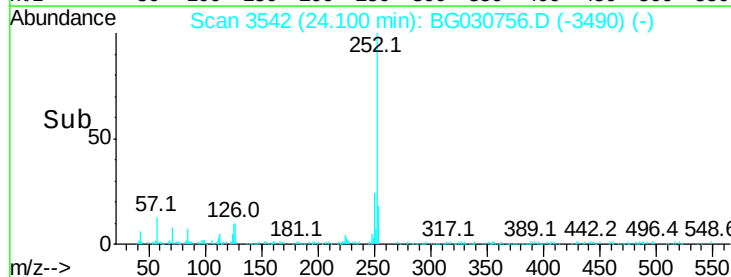
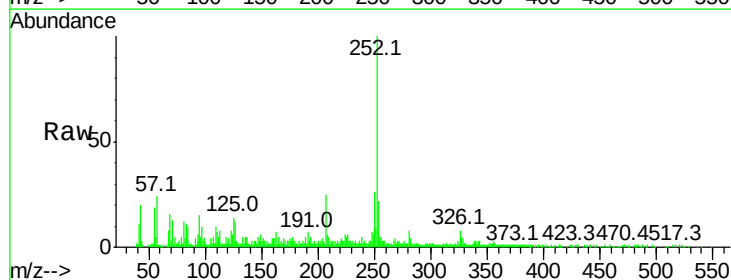
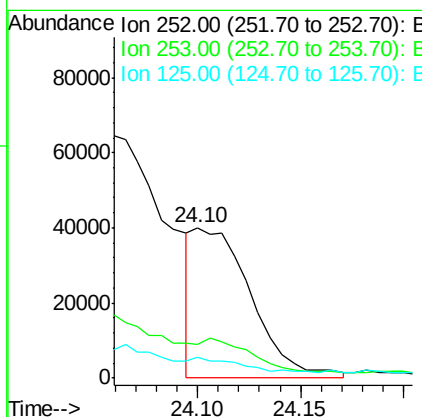
RT: 24.10 min Scan# 3542

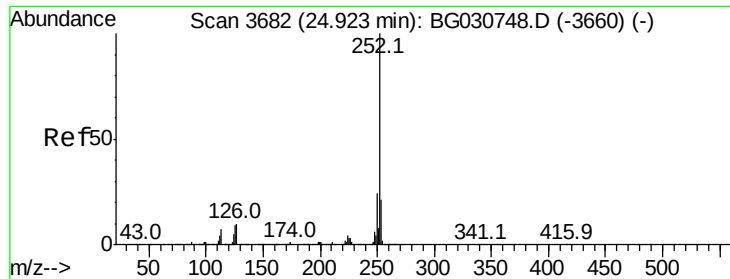
Delta R.T. 0.01 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.7	7.8	11.8#





#88

Benzo(a)pyrene

Concen: 6.744 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. 0.02 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

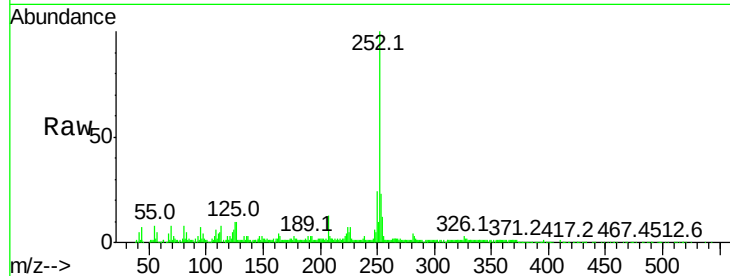
ClientSampled :

B0EC1

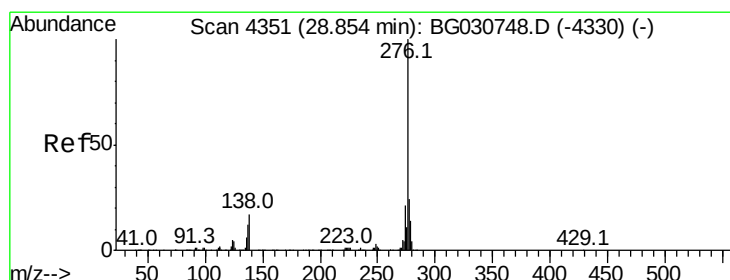
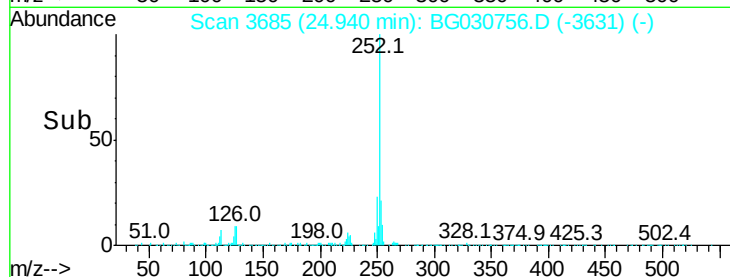
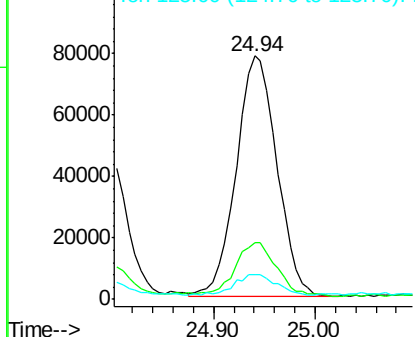
Tot Ion:	252	Resp:	216621
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	10.2	7.8	11.8

Manual Integrations
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Sohil
11/6/2017 2:19:40 PM



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

Indeno(1,2,3-cd)pyrene

Concen: 3.922 ng/ul

RT: 28.89 min Scan# 4357

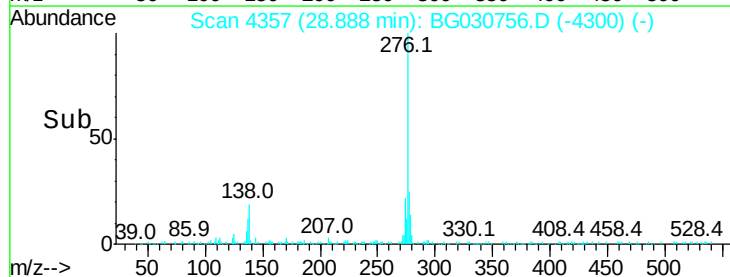
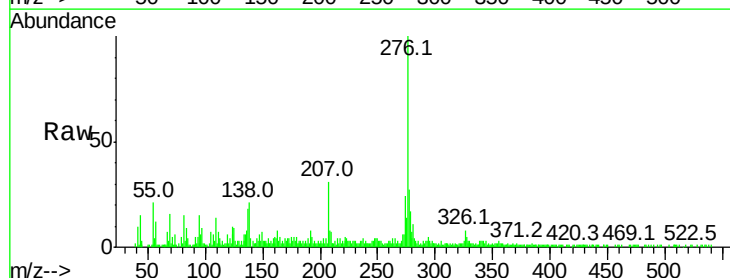
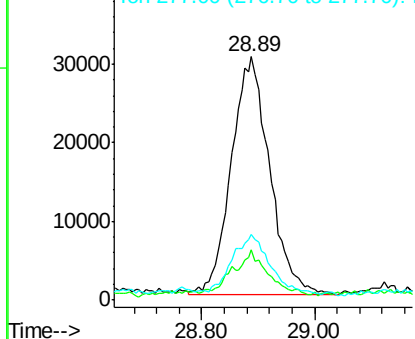
Delta R.T. 0.03 min

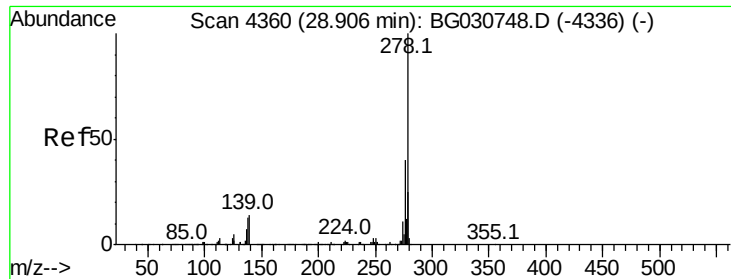
Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion:	276	Resp:	142514
Ion Ratio	Lower	Upper	
276	100		
138	20.9	13.4	20.0#
277	26.8	18.6	28.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.469 ng/ul

RT: 28.92 min Scan# 4363

Delta R.T. 0.02 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Instrument :

BNA_G

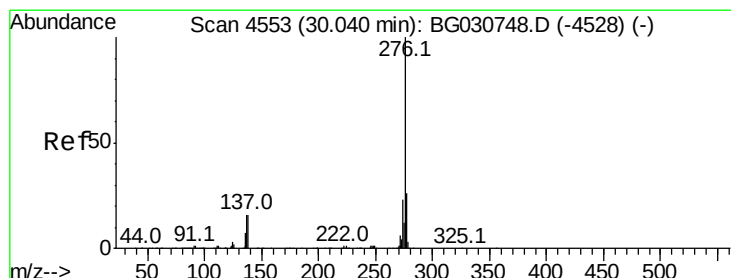
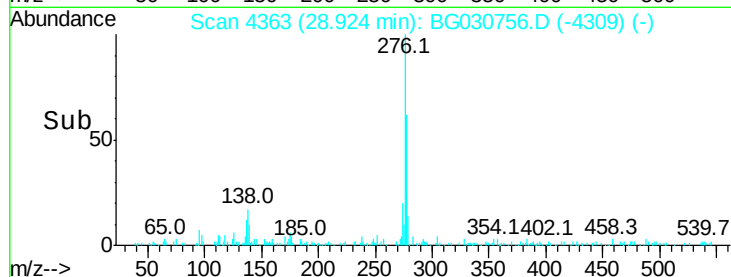
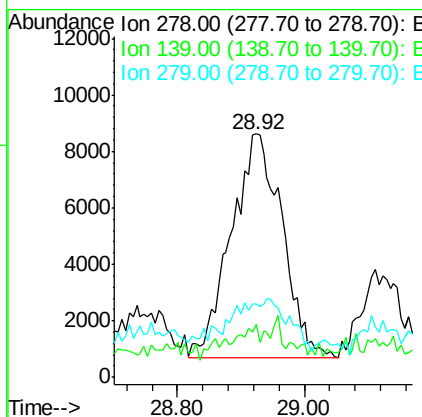
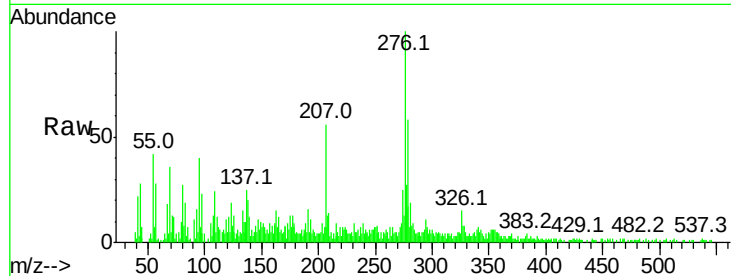
ClientSampled :

B0EC1

Tot Ion:	278	Resp:	44346
Ion Ratio	Lower	Upper	
278	100		
139	21.6	9.4	14.2#
279	30.0	18.4	27.6#

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:40 PM



#91

Benzo(g,h,i)perylene

Concen: 4.500 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. 0.03 min

Lab File: BG030756.D

Acq: 6 Nov 2017 2:14

Tgt Ion:	276	Resp:	135573
Ion Ratio	Lower	Upper	
276	100		
138	20.2	12.1	18.1#
277	23.7	17.7	26.5

