

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030865.D
 Acq On : 9 Nov 2017 3:14
 Operator : SJ/JU
 Sample : I6245-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F06

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:46:34 PM

Quant Time: Nov 09 07:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 07:08:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	303289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	192653	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	452516	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	495663	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	519459	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5895	3.73	ng/uL	0.00
5) Phenol-d5	7.31	99	130166	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	79369	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	111931	25.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	98138	19.73	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	56578	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	69898	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	125608	24.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	86115	14.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	395111	23.99	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	498637	24.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	56556	18.60	ng/ul	0.00
57) Fluorene-d10	15.76	176	367921	27.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49437	22.38	ng/ul	0.00
70) Anthracene-d10	17.61	188	572248	26.74	ng/ul	0.00
76) Pyrene-d10	19.88	212	650382	25.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	673346	27.37	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.34	94	26749	4.198	ng/ul	93
28) Naphthalene	11.01	128	27604	1.720	ng/ul	98
34) 2-Methylnaphthalene	12.61	142	18437	1.388	ng/ul	96
44) Dimethylphthalate	14.21	163	253461	15.777	ng/ul	100
47) Acenaphthylene	14.49	152	90655	4.437	ng/ul	97
69) Phenanthrene	17.55	178	225147	9.204	ng/ul	98
71) Anthracene	17.64	178	64983	2.575	ng/ul	100
72) Carbazole	17.91	167	33842	1.492	ng/ul	97
73) Di-n-butylphthalate	18.45	149	32347	1.187	ng/ul#	95
74) Fluoranthene	19.55	202	720047	26.337	ng/ul	99
77) Pyrene	19.91	202	826123	24.868	ng/ul	98
80) Benzo(a)anthracene	21.76	228	563586	18.143	ng/ul	95
82) Chrysene	21.83	228	754461	26.731	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	1148365	36.825	ng/ul	95
86) Benzo(k)fluoranthene	24.10	252	320153m	10.618	ng/ul	
88) Benzo(a)pyrene	24.95	252	660076	21.745	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.90	276	520298	15.150	ng/ul	99
90) Dibenzo(a,h)anthracene	28.93	278	145270	5.092	ng/ul#	89
91) Benzo(g,h,i)perylene	30.09	276	452512	15.896	ng/ul	95

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

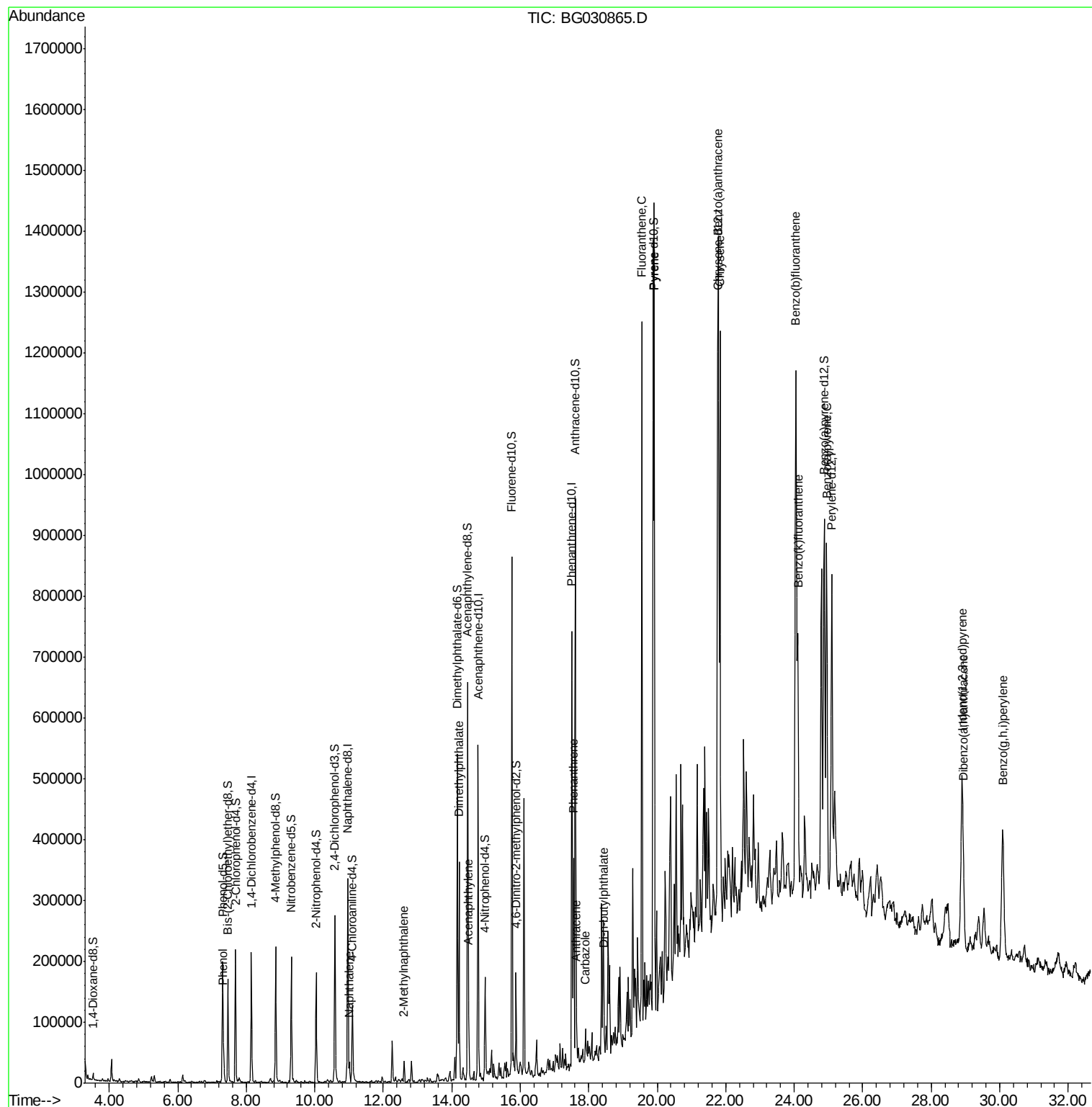
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030865.D
Acq On : 9 Nov 2017 3:14
Operator : SJ/JU
Sample : I6245-12
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ALS Vial : 17 Sample Multiplier: 1

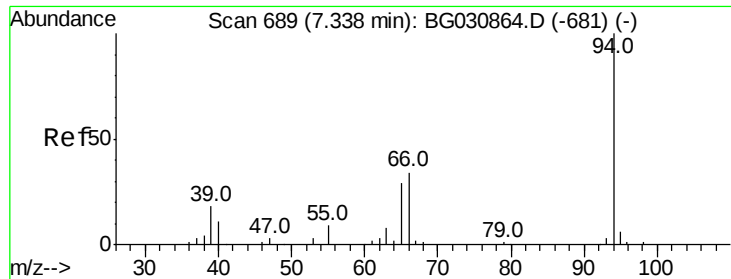
Instrument :
BNA_G
ClientSampled :
B0F06

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Quant Time: Nov 09 07:59:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 07:08:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.198 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Instrument :

BNA_G

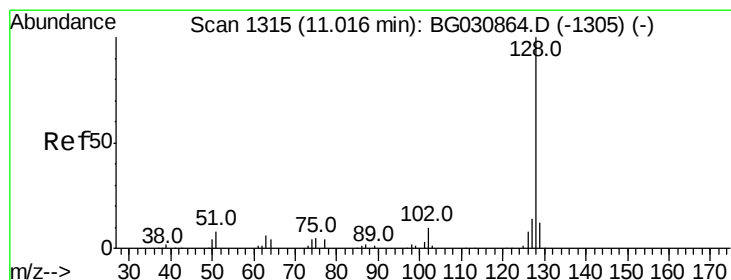
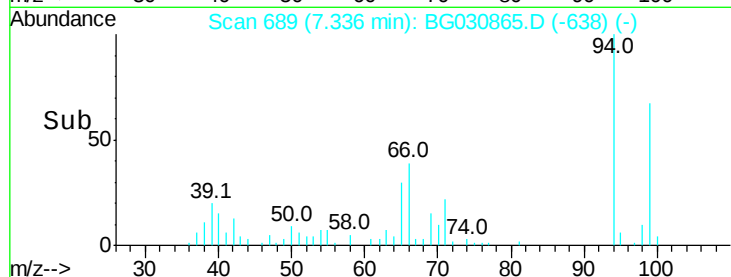
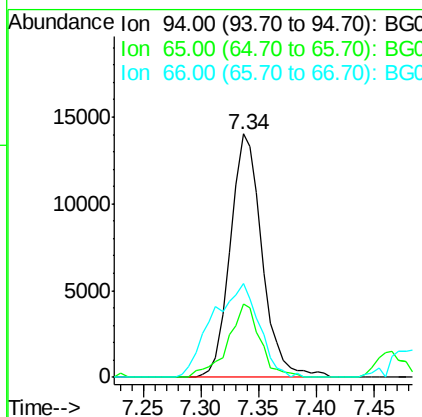
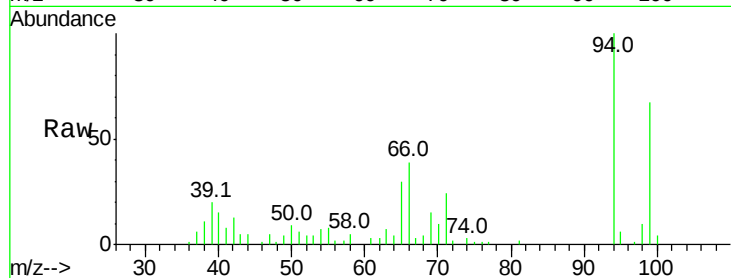
ClientSampled :

B0F06

Tot Ion:	94	Resp:	26749
Ion Ratio	Lower	Upper	
94	100		
65	29.9	27.1	40.7
66	38.5	34.6	52.0

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#28

Naphthalene

Concen: 1.720 ng/ul

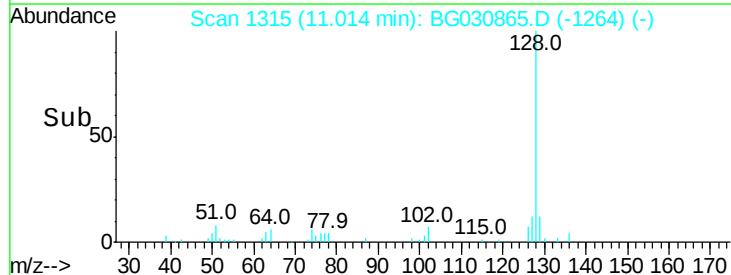
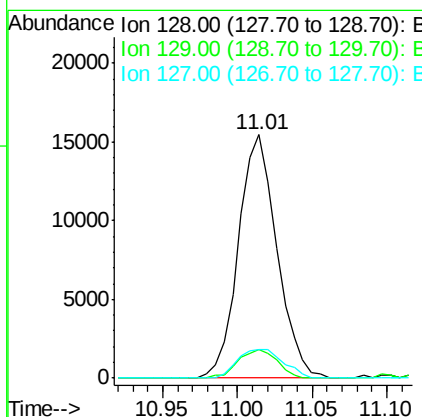
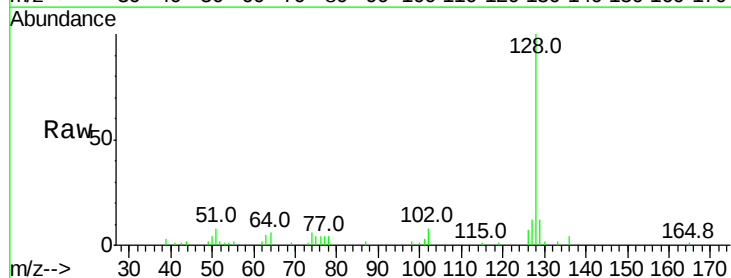
RT: 11.01 min Scan# 1315

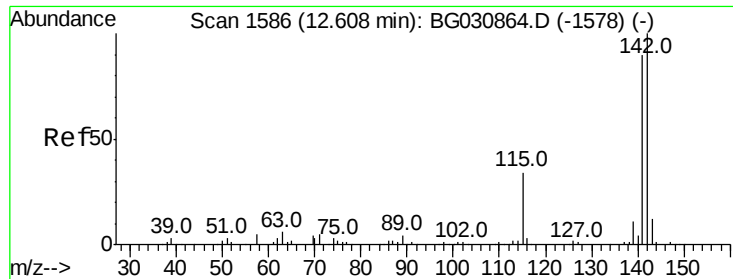
Delta R.T. -0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tgt Ion:	128	Resp:	27604
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.3	13.9
127	12.0	10.7	16.1





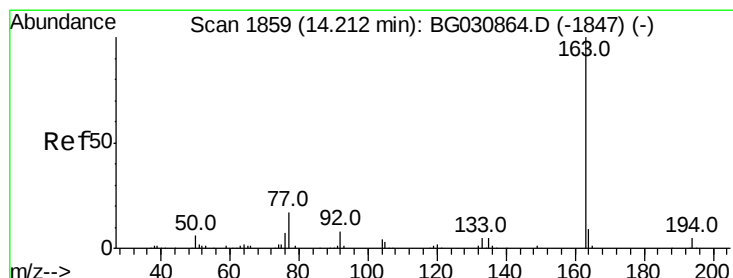
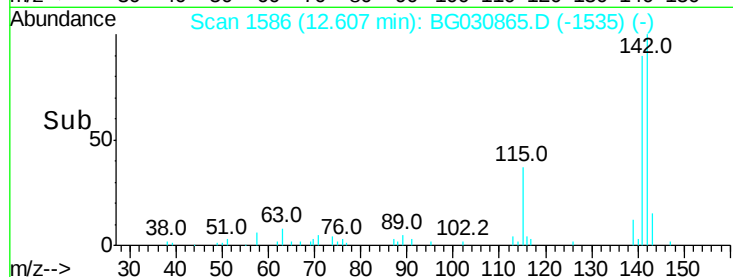
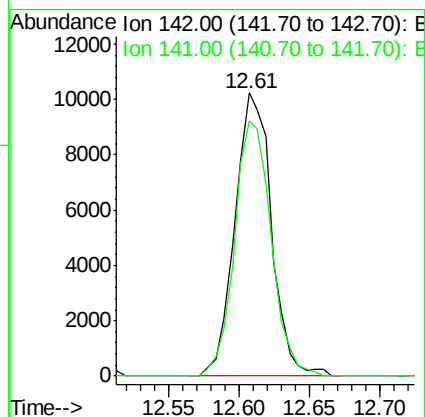
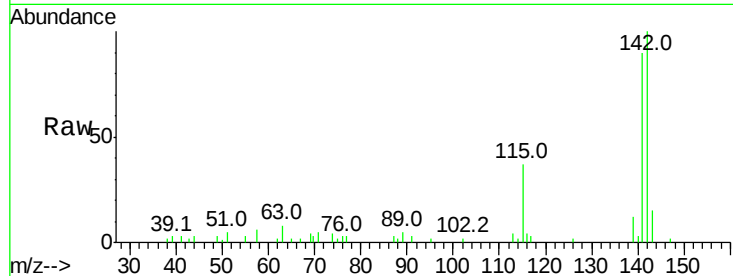
#34
 2-Methylnaphthalene
 Concen: 1.388 ng/ul
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Instrument :
 BNA_G
 ClientSampleId :
 B0F06

Tot Ion:142 Resp: 18437
 Ion Ratio Lower Upper
 142 100
 141 90.3 75.4 113.0

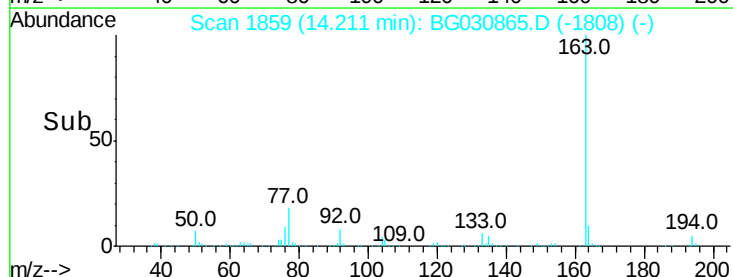
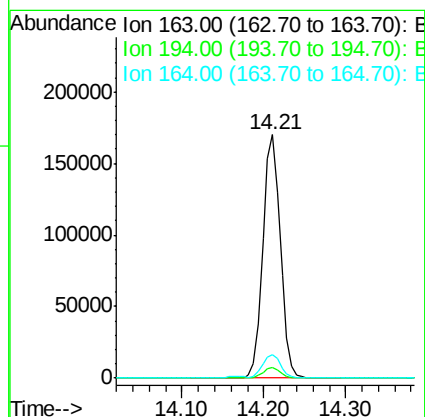
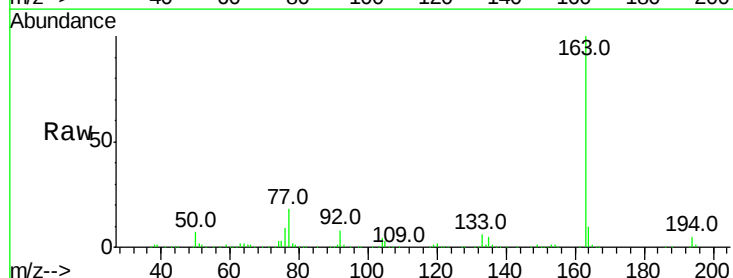
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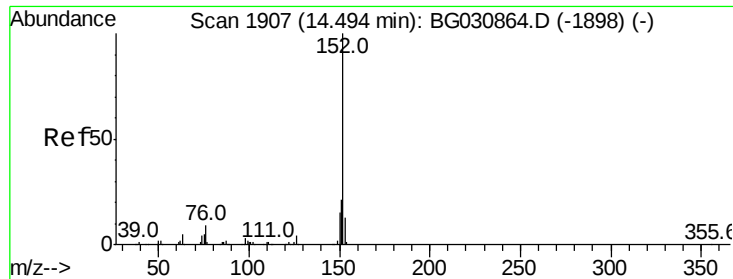
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#44
 Dimethylphthalate
 Concen: 15.777 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Tgt Ion:163 Resp: 253461
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.5 5.3
 164 9.6 7.6 11.4





#47

Acenaphthylene

Concen: 4.437 ng/ul

RT: 14.49 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Instrument :

BNA_G

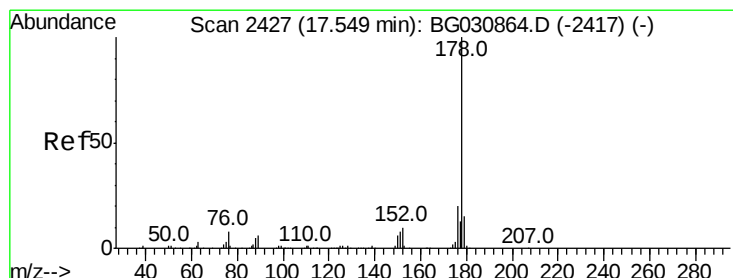
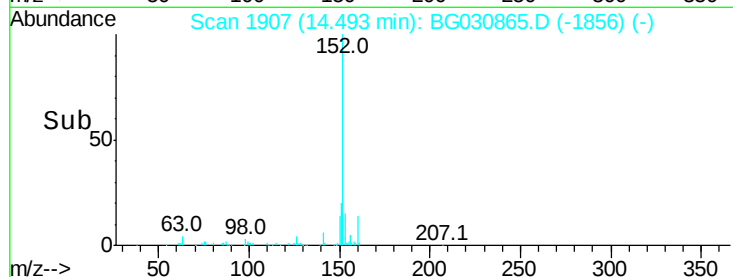
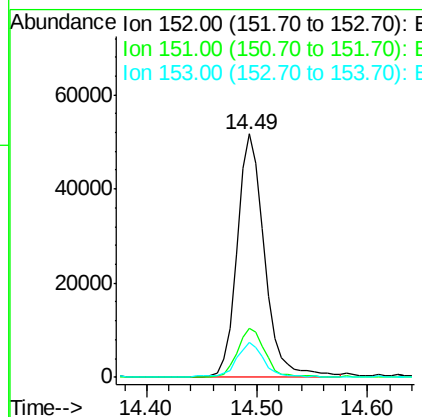
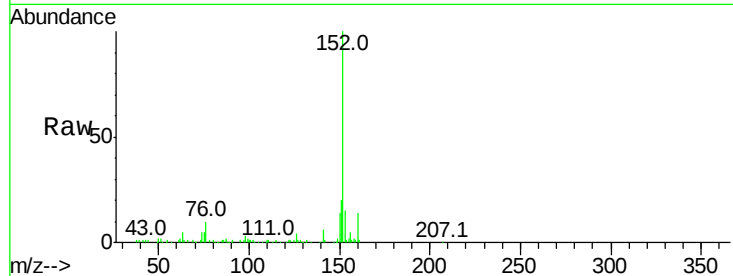
ClientSampleId :

B0F06

Tot Ion:	152	Resp:	90655
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.2	22.8
153	14.6	10.2	15.4

Manual Integrations
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#69

Phenanthrene

Concen: 9.204 ng/ul

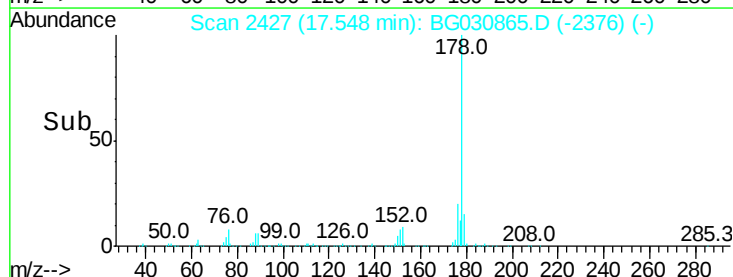
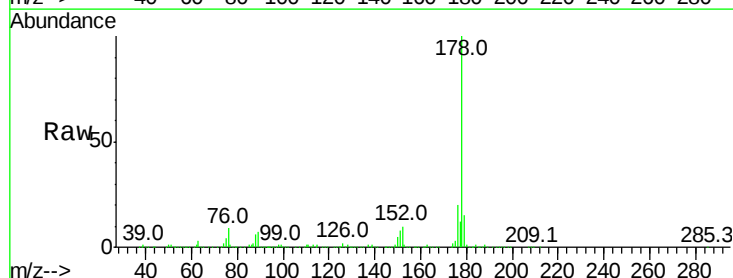
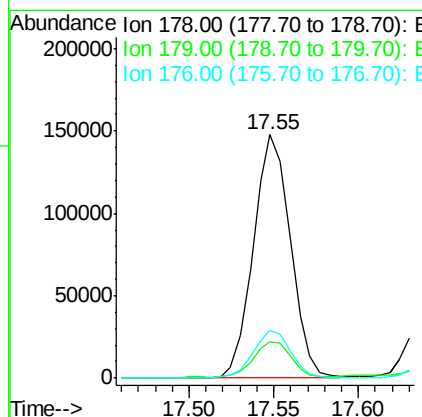
RT: 17.55 min Scan# 2427

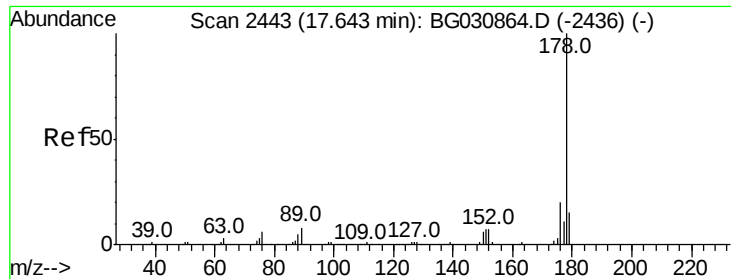
Delta R.T. -0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tgt Ion:	178	Resp:	225147
Ion Ratio	Lower	Upper	
178	100		
179	15.0	13.0	19.6
176	19.5	15.3	22.9





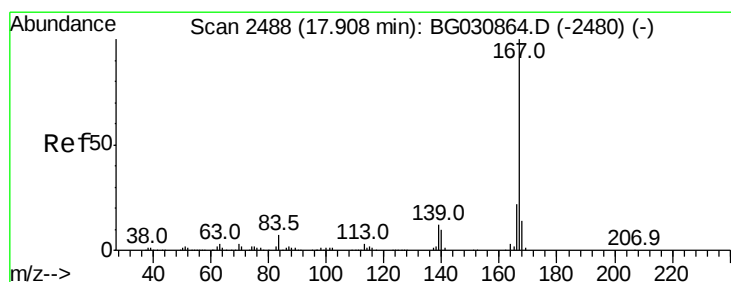
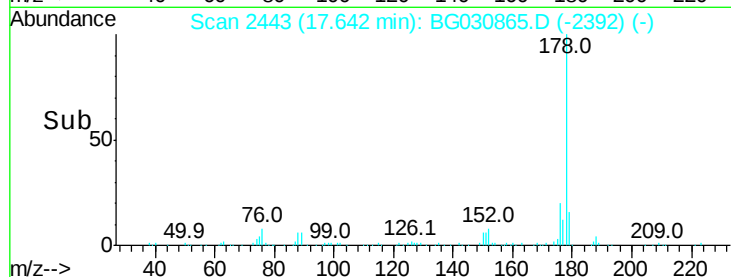
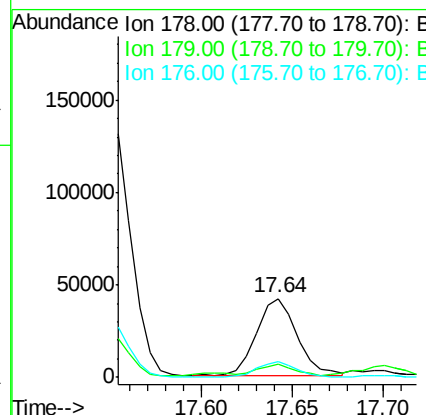
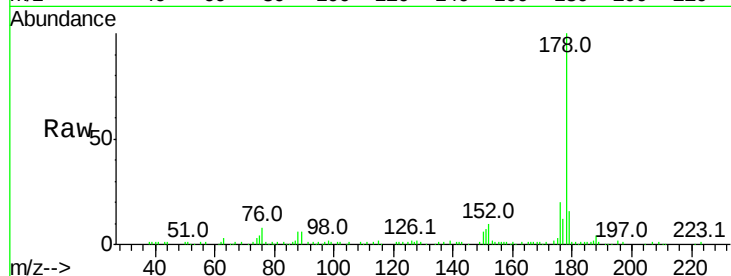
#71
 Anthracene
 Concen: 2.575 ng/ul
 RT: 17.64 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Instrument :
 BNA_G
 ClientSampleId :
 B0F06

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	20.1	16.0	24.0

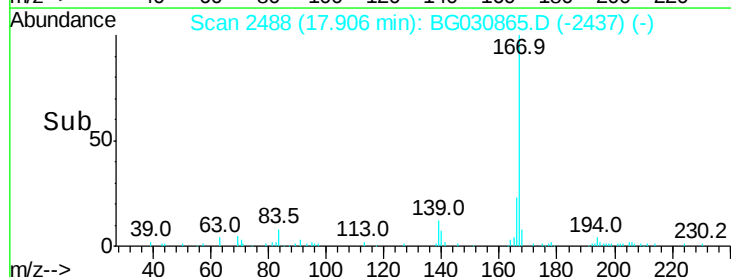
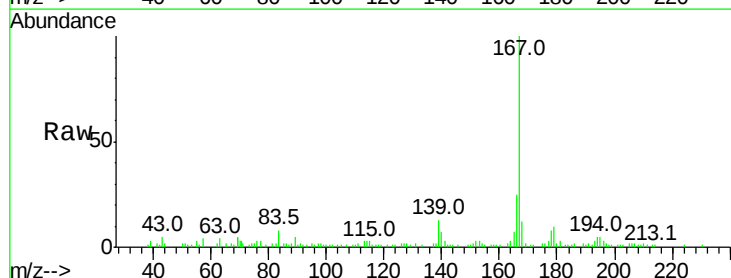
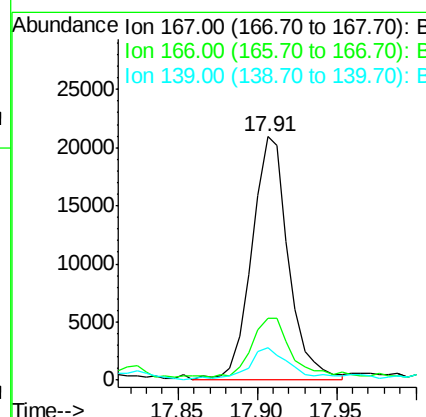
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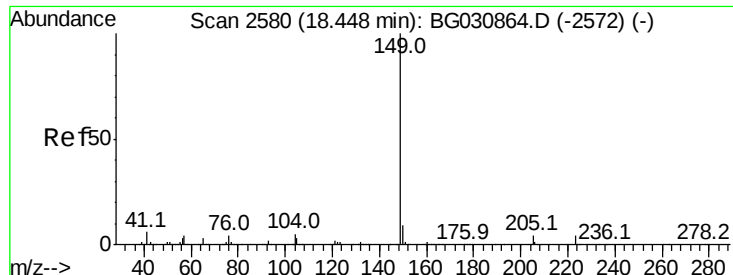
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#72
 Carbazole
 Concen: 1.492 ng/ul
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.4	18.6	28.0
139	13.3	10.6	16.0





#73

Di-n-butylphthalate

Concen: 1.187 ng/ul

RT: 18.45 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Instrument :

BNA_G

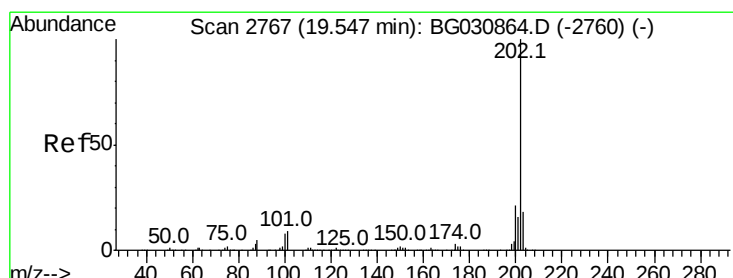
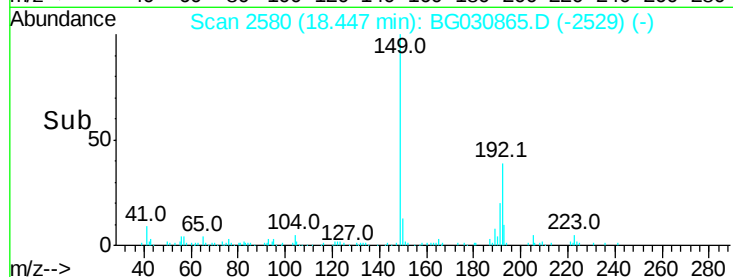
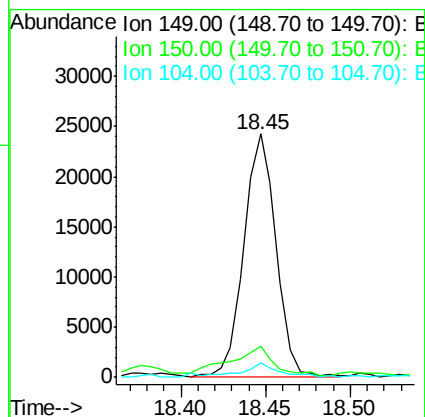
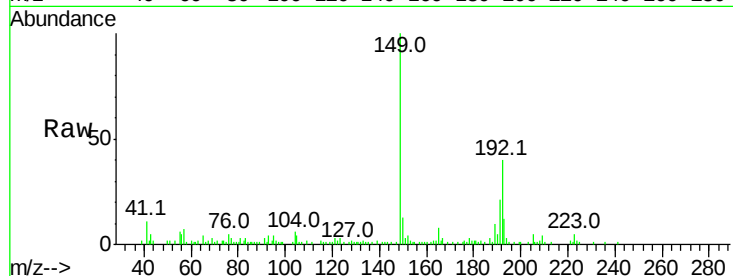
ClientSampleId :

B0F06

Tot Ion:	149	Resp:	32347
Ion Ratio	Lower	Upper	
149	100		
150	12.6	7.5	11.3#
104	5.8	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 26.337 ng/ul

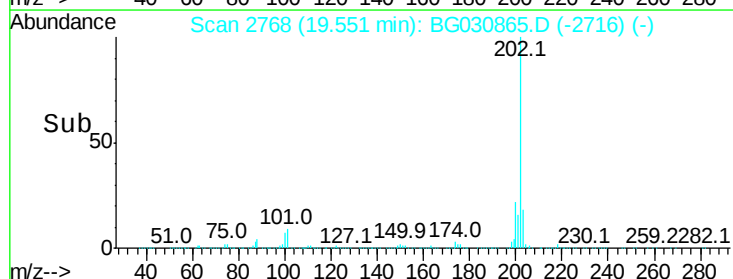
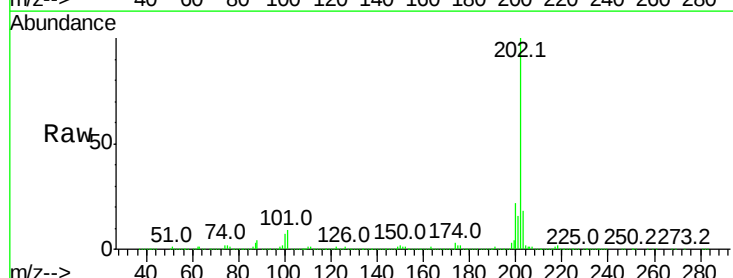
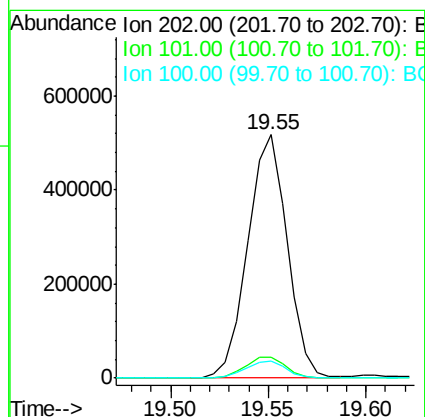
RT: 19.55 min Scan# 2768

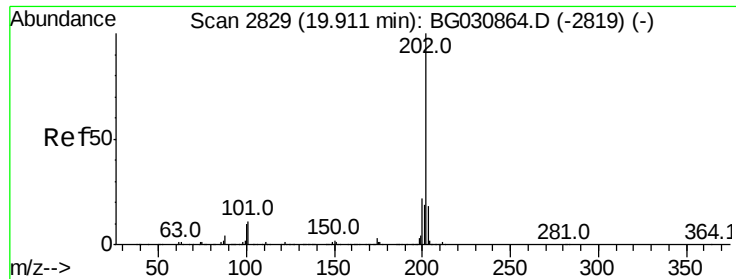
Delta R.T. 0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tgt Ion:	202	Resp:	720047
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.4	11.2
100	7.0	5.6	8.4





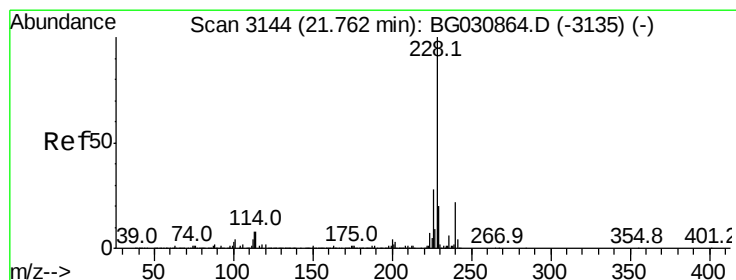
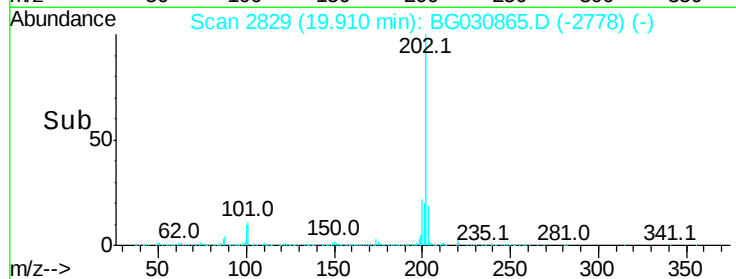
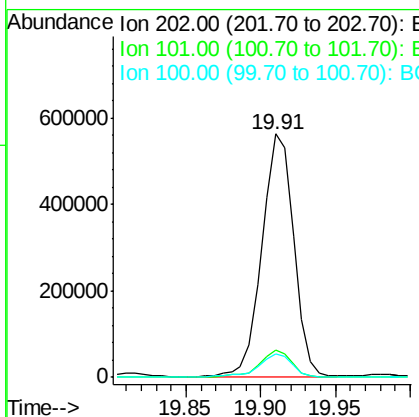
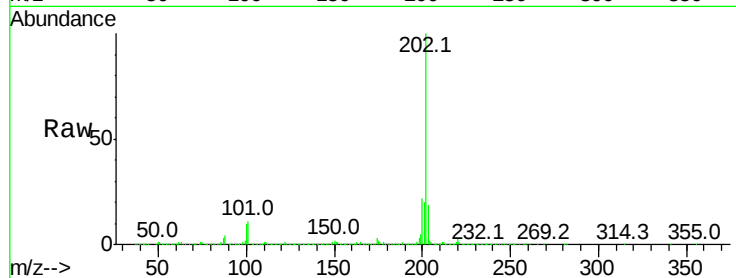
#77
Pvrene
Concen: 24.868 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG030865.D
Acq: 9 Nov 2017 3:14

Instrument :
BNA_G
ClientSampleId :
B0F06

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.4	12.6
100	9.6	7.0	10.6

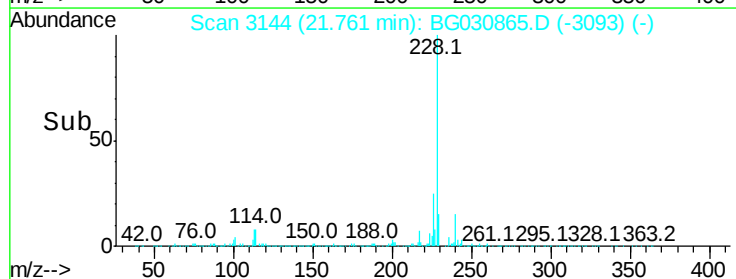
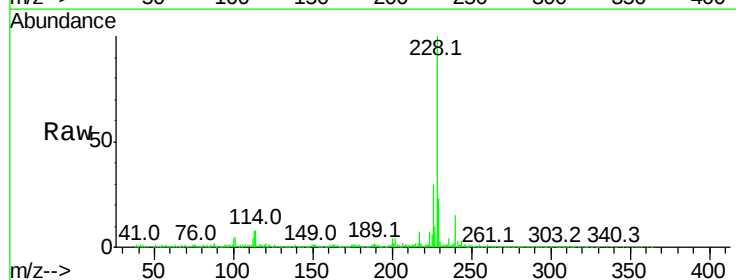
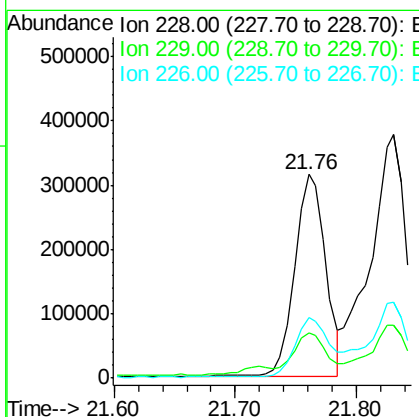
Manual Integrations
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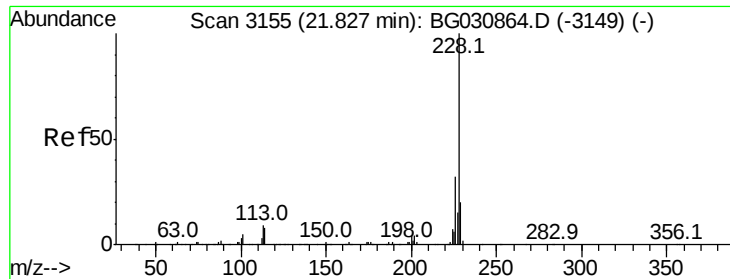
Sohil
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#80
Benzo(a)anthracene
Concen: 18.143 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG030865.D
Acq: 9 Nov 2017 3:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	16.2	24.4
226	30.0	22.2	33.2





#82

Chrysene

Concen: 26.731 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Instrument :

BNA_G

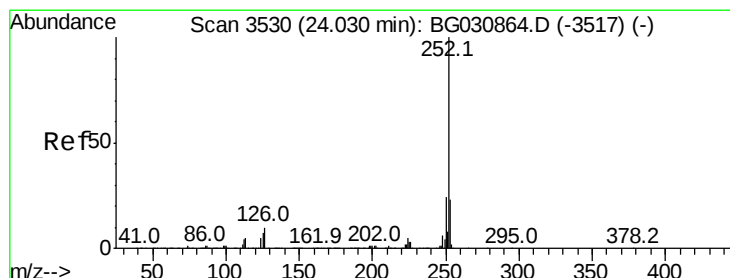
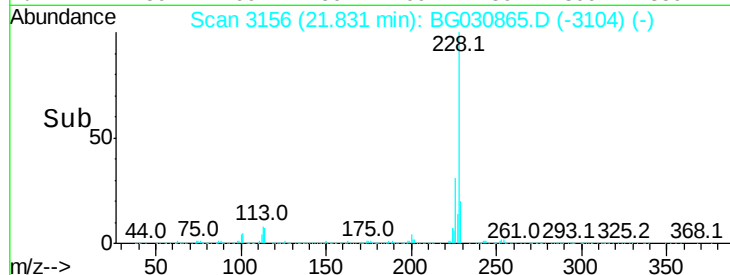
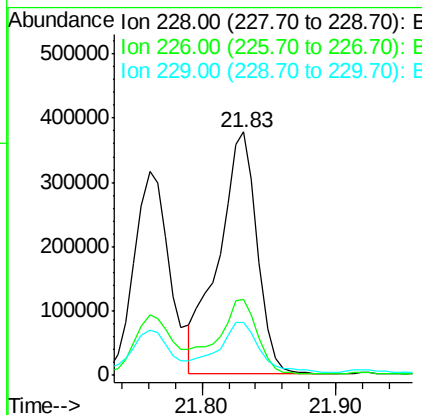
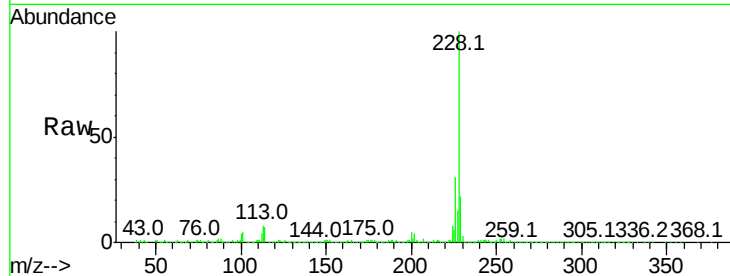
ClientSampled :

B0F06

Tot Ion:	228	Resp:	754461
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.2
229	21.9	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 36.825 ng/ul

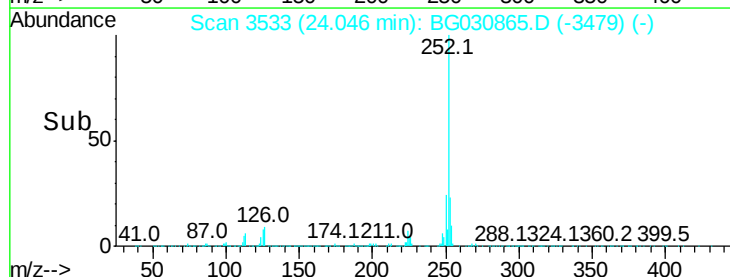
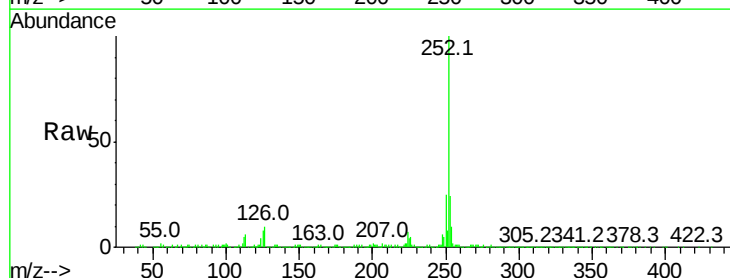
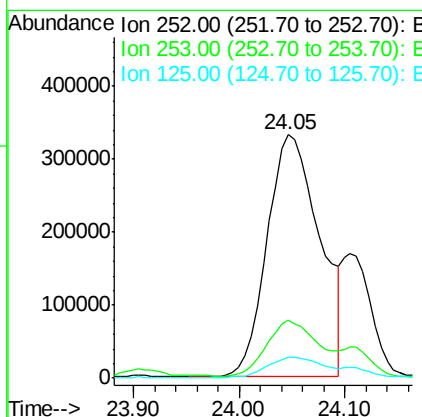
RT: 24.05 min Scan# 3533

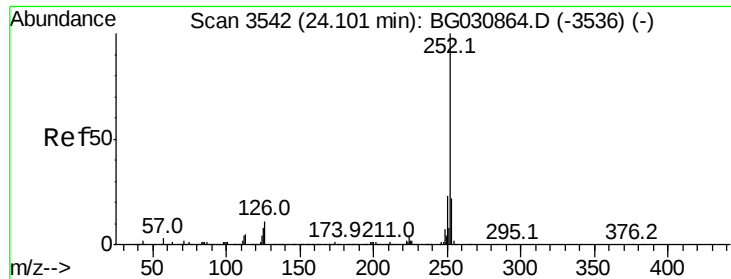
Delta R.T. 0.02 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tgt Ion:	252	Resp:	1148365
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.4
125	8.5	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 10.618 ng/ul m

RT: 24.10 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Instrument :

BNA_G

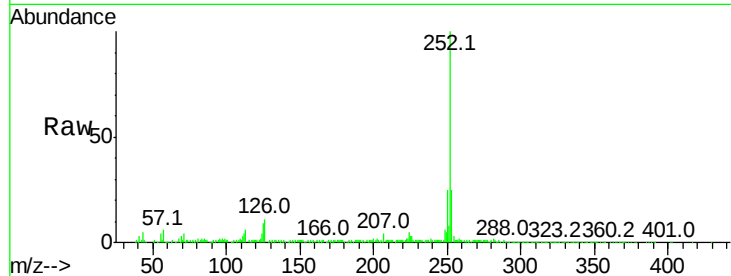
ClientSampled :

B0F06

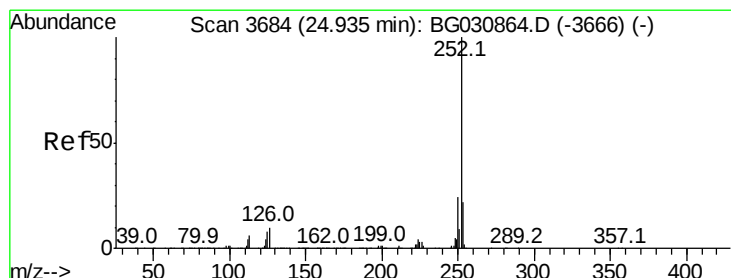
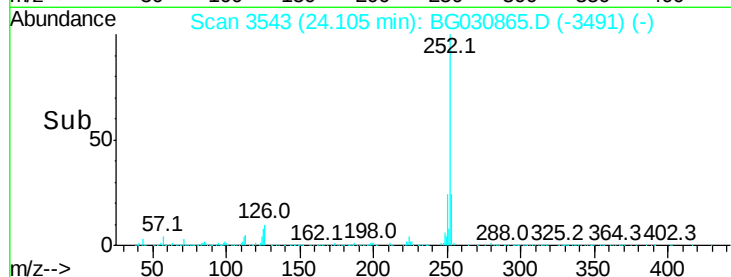
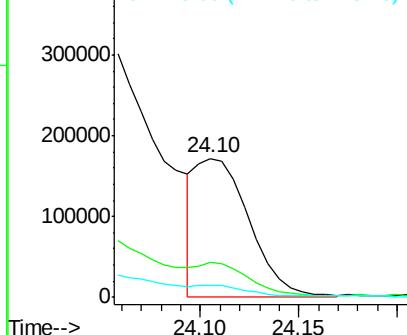
Tot Ion:	252	Resp:	320153
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	8.8	7.8	11.8

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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



#88

Benzo(a)pyrene

Concen: 21.745 ng/ul

RT: 24.95 min Scan# 3686

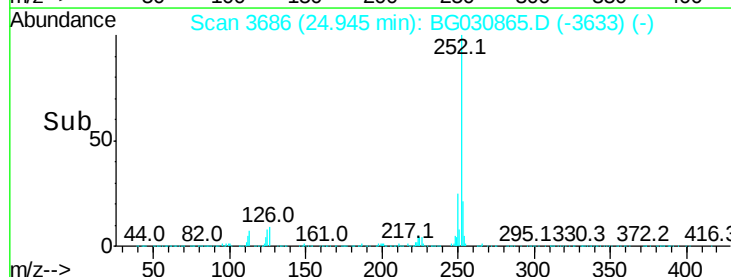
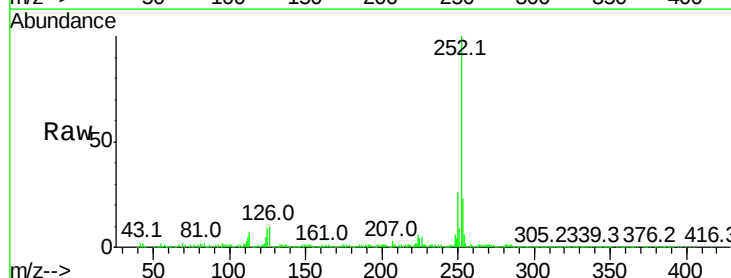
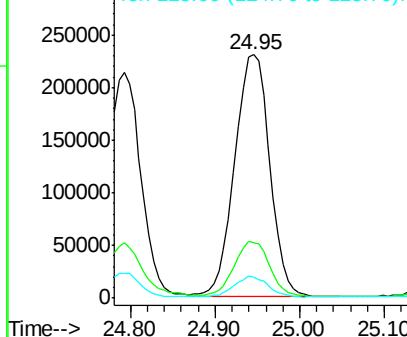
Delta R.T. 0.01 min

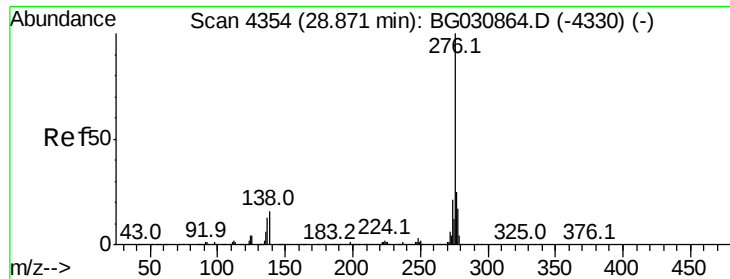
Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tgt Ion:	252	Resp:	660076
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	8.8	7.8	11.8

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





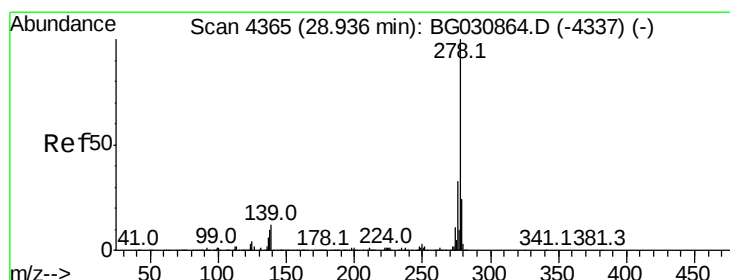
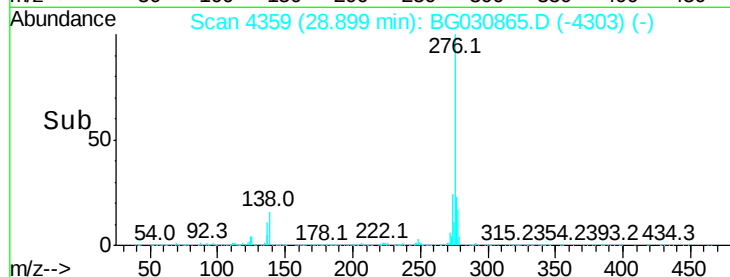
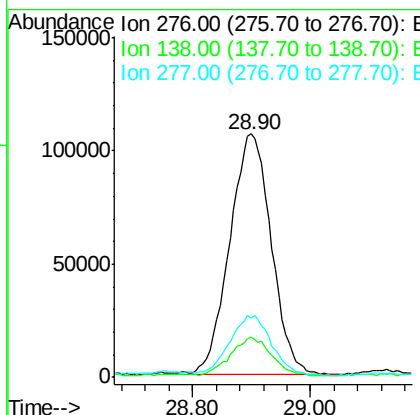
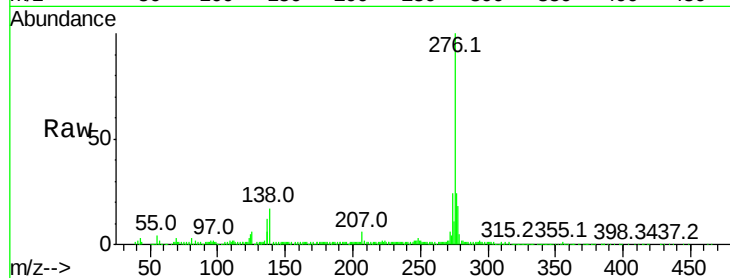
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 15.150 ng/ul
 RT: 28.90 min Scan# 4359
 Delta R.T. 0.03 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Instrument :
 BNA_G
 ClientSampled :
 B0F06

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.4	20.0
277	24.2	18.6	28.0

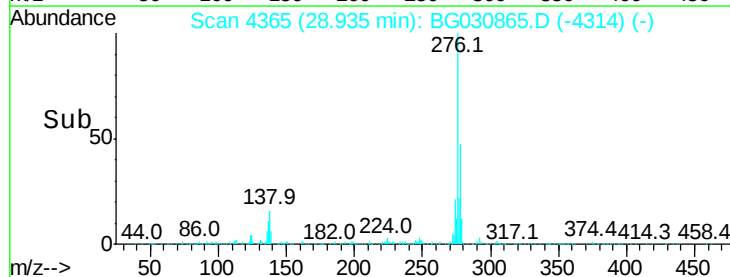
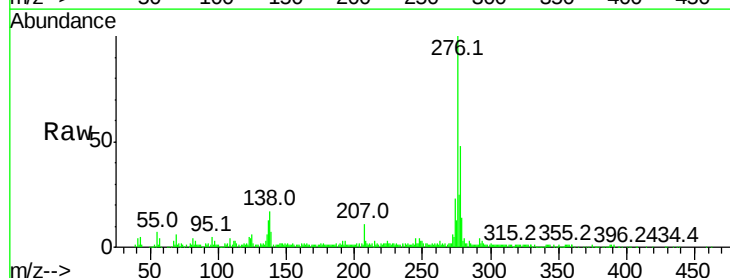
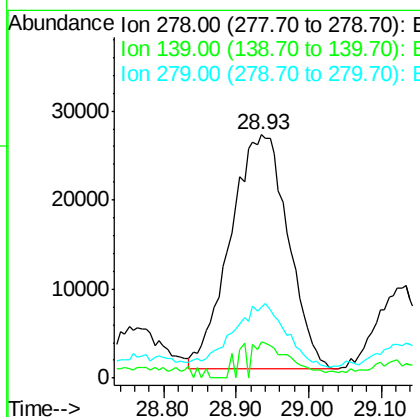
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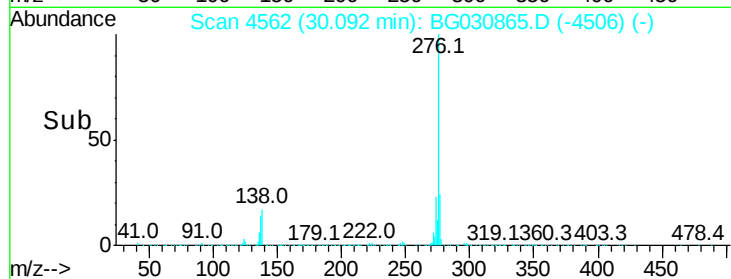
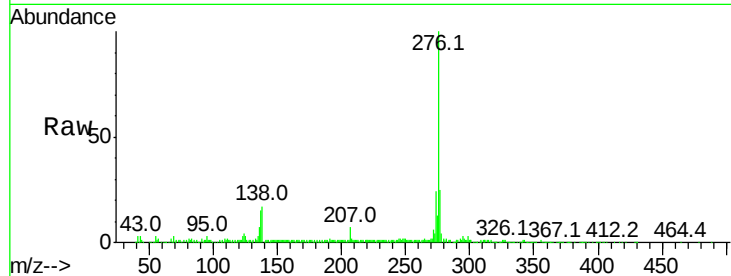
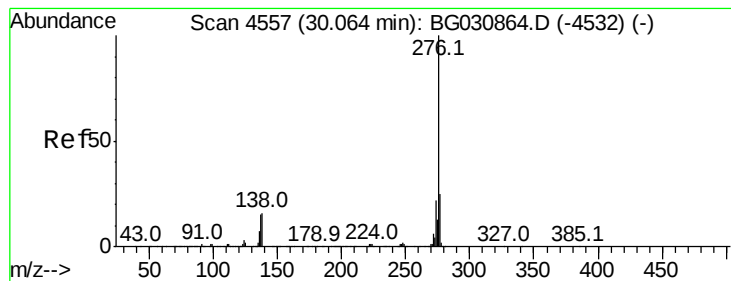
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#90
 Dibenzo(a,h)anthracene
 Concen: 5.092 ng/ul
 RT: 28.93 min Scan# 4365
 Delta R.T. -0.00 min
 Lab File: BG030865.D
 Acq: 9 Nov 2017 3:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.4	14.2#
279	29.2	18.4	27.6#





#91

Benzo(a,h,i)perylene

Concen: 15.896 ng/ul

RT: 30.09 min Scan# 4562

Delta R.T. 0.03 min

Lab File: BG030865.D

Acq: 9 Nov 2017 3:14

Tot Ion	Ratio	Resp	Lower	Upper
276	100	452512		
138	17.2		12.1	18.1
277	24.5		17.7	26.5

Instrument :

BNA_G

ClientSampleId :

B0F06

Manual Integrations
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