

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030806.D
 Acq On : 7 Nov 2017 11:20
 Operator : SJ/JU
 Sample : I6188-19DL 20X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EP1DL

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:38:15 PM

Quant Time: Nov 07 13:13:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	67052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	306556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	195131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	435849	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	479671	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	495237	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	320	0.19	ng/uL	0.00
5) Phenol-d5	7.32	99	6366	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	4591	1.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	4887	1.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	5314	1.02	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	3618	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	2544	1.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	6438	1.25	ng/ul	0.01
29) 4-Chloroaniline-d4	11.08	131	48872	8.19	ng/ul	-0.02
43) Dimethylphthalate-d6	14.17	166	20662	1.24	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	26730	1.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	6041	1.96	ng/ul	0.02
57) Fluorene-d10	15.77	176	19953	1.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	2331	1.10	ng/ul	-0.02
70) Anthracene-d10	17.62	188	32427m	1.57	ng/ul	0.00
76) Pyrene-d10	19.89	212	33213	1.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	30129	1.28	ng/ul	0.01

Target Compounds

					Qvalue	
28) Naphthalene	11.03	128	94956	5.854	ng/ul#	93
34) 2-Methylnaphthalene	12.62	142	584744	43.548	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	40698	2.530	ng/ul	95
49) Acenaphthene	14.84	153	55640	3.930	ng/ul	93
58) Fluorene	15.82	166	83119	5.382	ng/ul#	94
69) Phenanthrene	17.56	178	269842	11.453	ng/ul	96
77) Pyrene	19.92	202	43859	1.364	ng/ul#	93

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

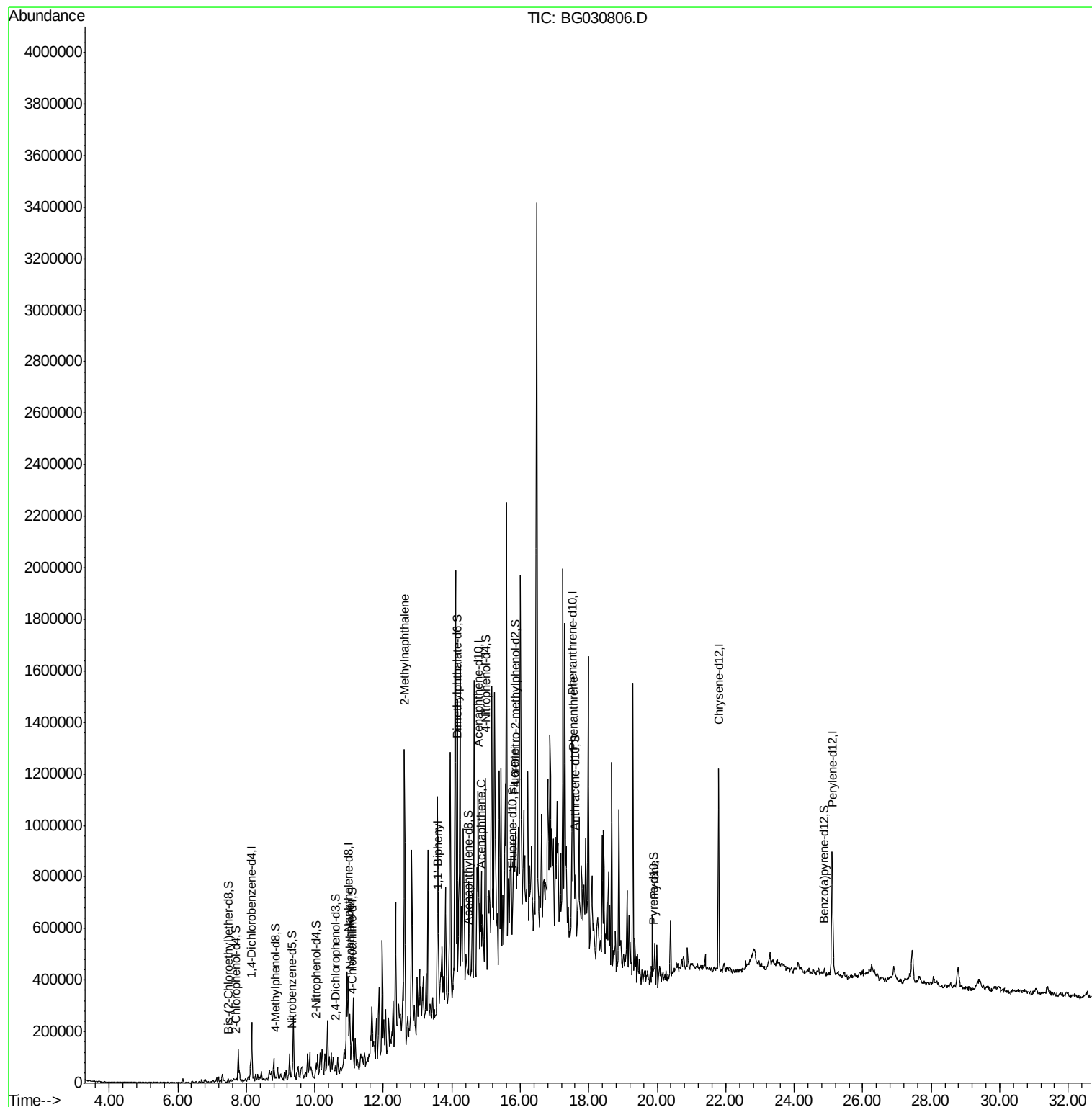
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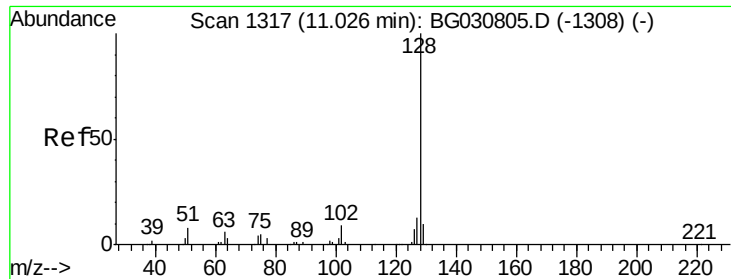
Instrument :
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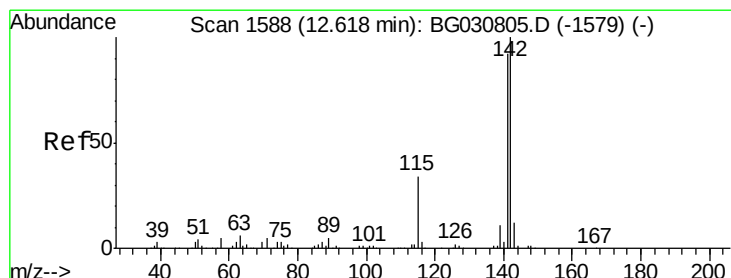
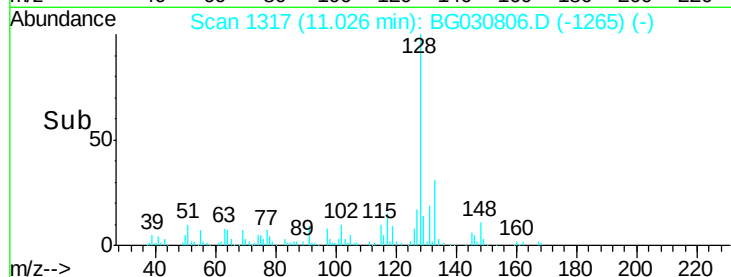
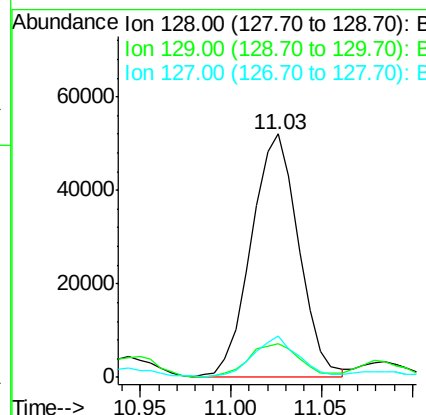
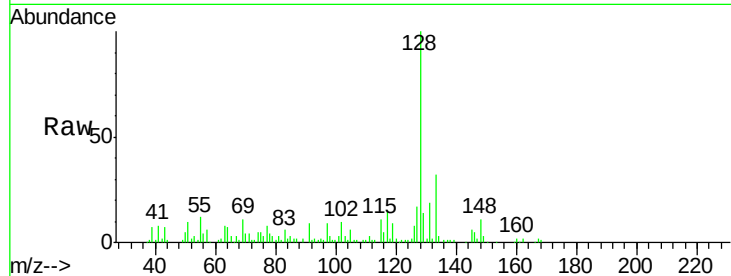
#28
Naphthalene
Concen: 5.854 ng/ul
RT: 11.03 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG030806.D
Acq: 7 Nov 2017 11:20

Instrument :
BNA_G
ClientSampleId :
B0EP1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	13.9	9.3	13.9
127	16.8	10.7	16.1#

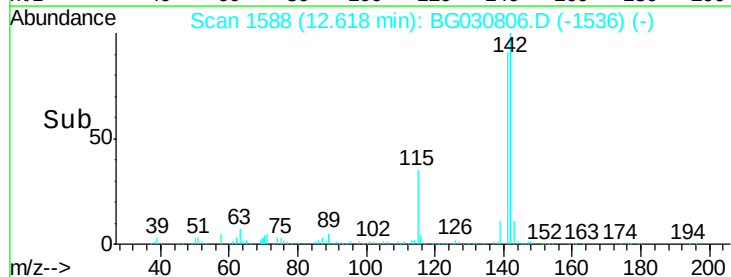
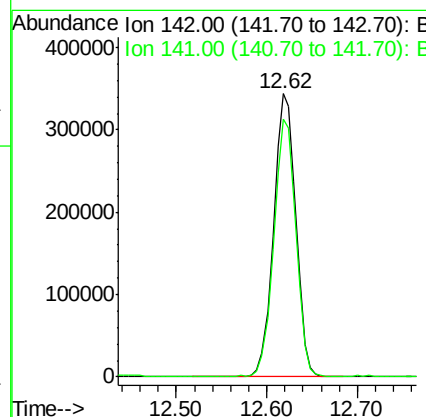
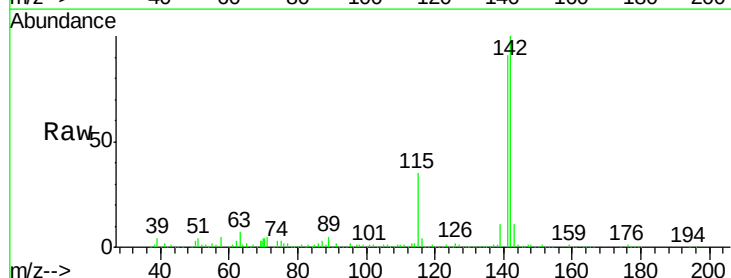
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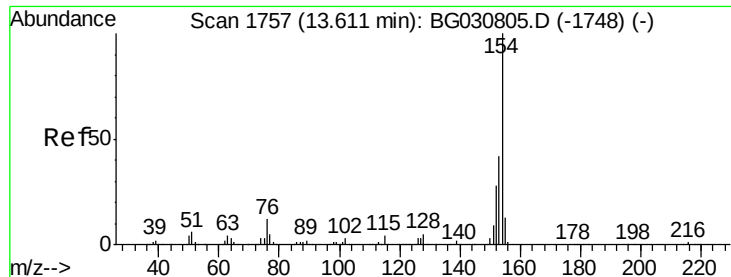
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#34
2-Methylnaphthalene
Concen: 43.548 ng/ul
RT: 12.62 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BG030806.D
Acq: 7 Nov 2017 11:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.1	75.4	113.0





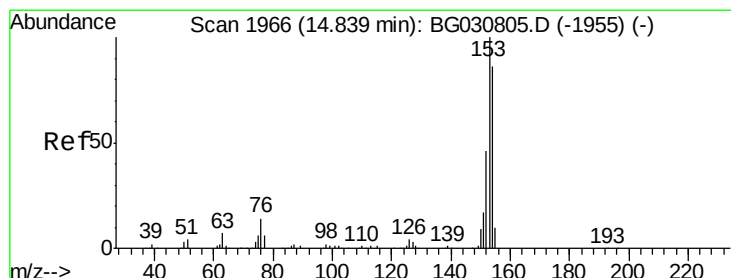
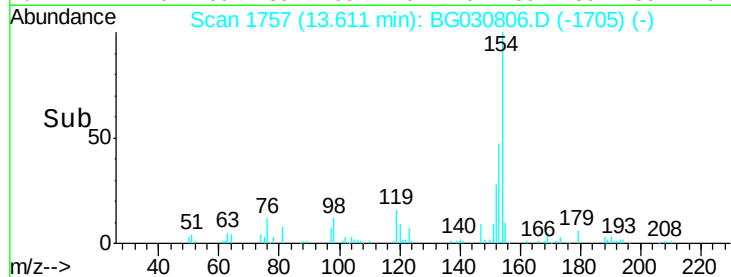
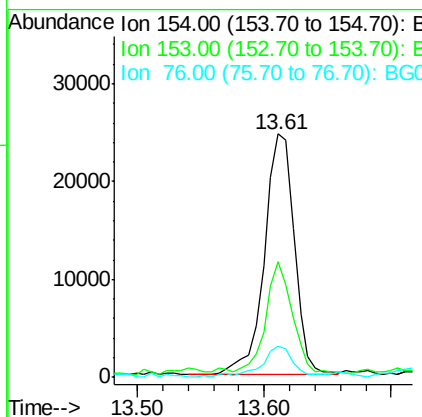
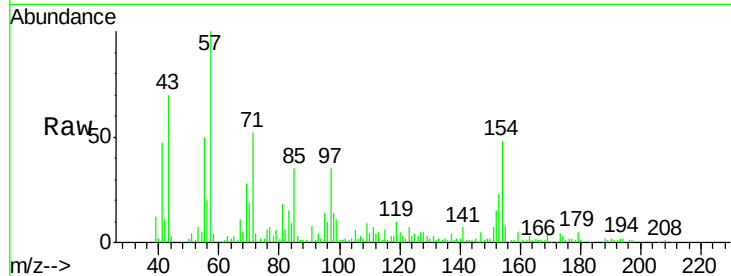
#40
 1,1'-Biphenyl
 Concen: 2.530 ng/ul
 RT: 13.61 min Scan# 1757
 Delta R.T. 0.01 min
 Lab File: BG030806.D
 Acq: 7 Nov 2017 11:20

Instrument :
 BNA_G
 ClientSampleId :
 B0EP1DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	47.7	34.6	52.0
76	12.7	10.6	15.8

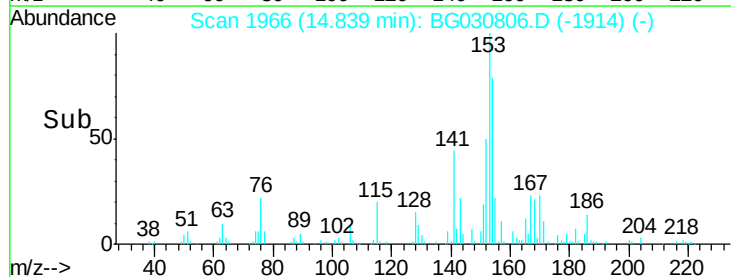
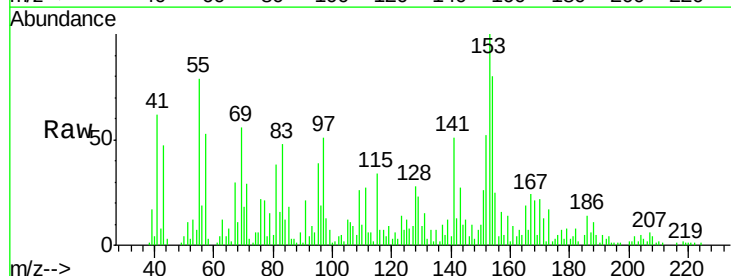
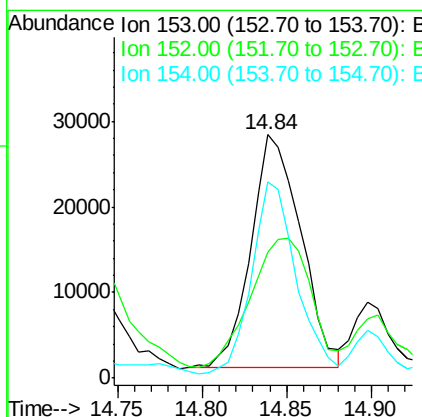
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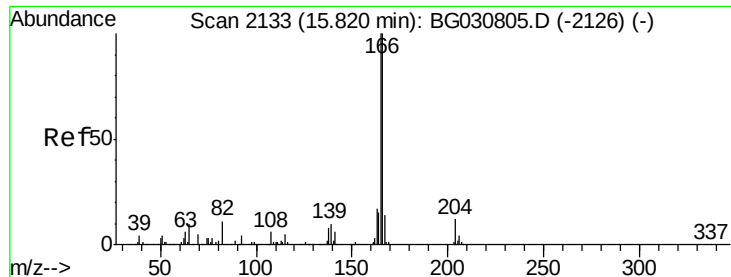
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#49
 Acenaphthene
 Concen: 3.930 ng/ul
 RT: 14.84 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BG030806.D
 Acq: 7 Nov 2017 11:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.7	38.2	57.2
154	80.5	70.6	105.8





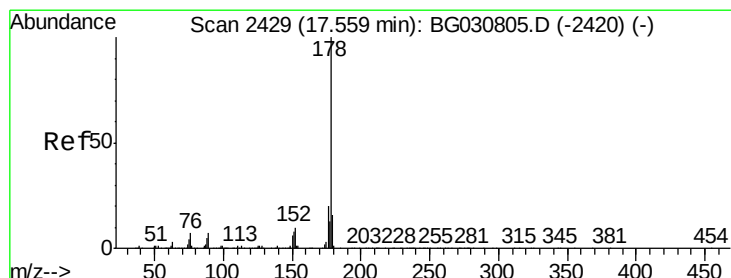
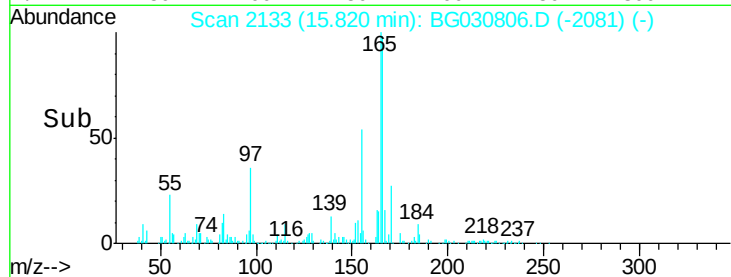
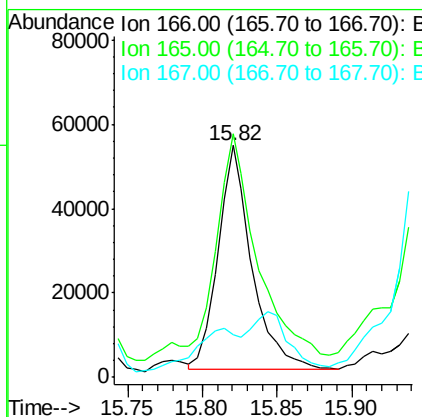
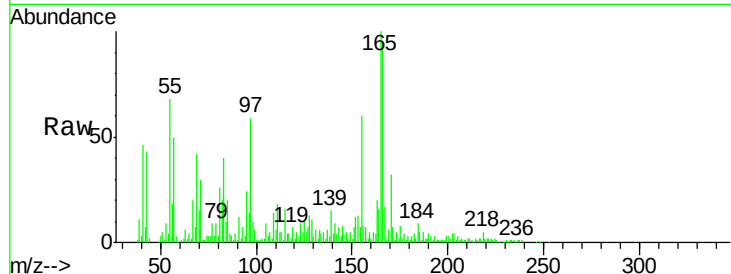
#58
 Fluorene
 Concen: 5.382 ng/ul
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BG030806.D
 Acq: 7 Nov 2017 11:20

Instrument :
 BNA_G
 ClientSampleId :
 B0EP1DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	83119		
165	105.0	79.9	119.9	
167	18.3	10.6	16.0	

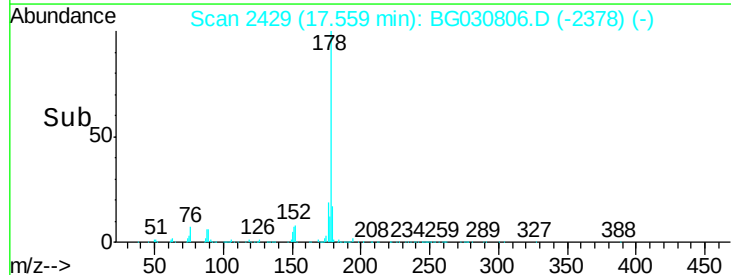
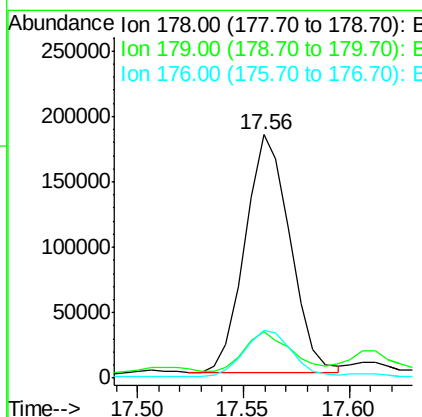
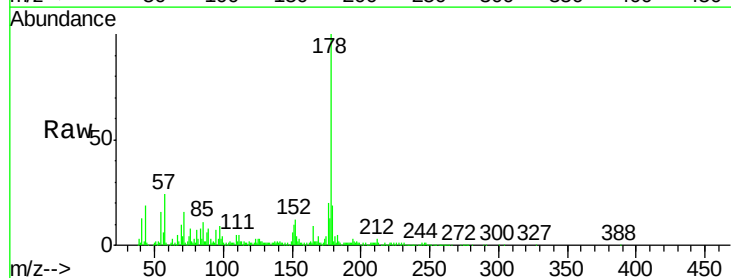
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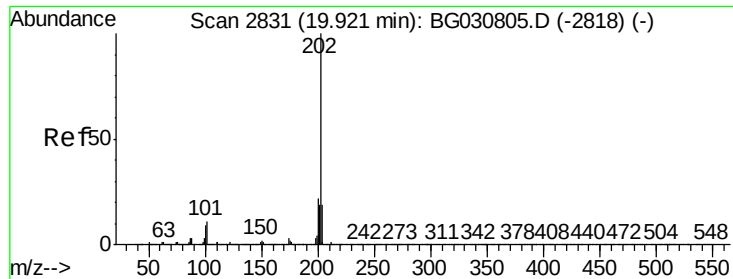
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#69
 Phenanthrene
 Concen: 11.453 ng/ul
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG030806.D
 Acq: 7 Nov 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	269842		
179	19.1	13.0	19.6	
176	19.8	15.3	22.9	





#77

Pyrene

Concen: 1.364 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG030806.D

Acq: 7 Nov 2017 11:20

Instrument :

BNA_G

ClientSampleId :

B0EP1DL

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.4	8.4	12.6#
100	8.6	7.0	10.6

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