

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028520.D
 Acq On : 28 Aug 2017 15:56
 Operator : SJ/JU
 Sample : I4905-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AW9

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:01:29 PM

Quant Time: Aug 29 02:07:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35454	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	143363	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	94891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	233305m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	284594	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	288070	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4746	6.23	ng/uL	0.00
5) Phenol-d5	7.49	99	106583	27.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	69829	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	80976	32.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	80974	24.88	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	41627	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	48700	39.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	88693	34.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	95272	33.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	294524	34.90	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	343486	36.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	44363	33.06	ng/ul	0.00
57) Fluorene-d10	15.94	176	266280	35.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	50346m	33.22	ng/ul	0.00
70) Anthracene-d10	17.80	188	447383	39.99	ng/ul	0.00
76) Pyrene-d10	20.08	212	548957	37.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	536737	39.80	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	6461	1.670	ng/ul	99
28) Naphthalene	11.20	128	21806	3.071	ng/ul#	88
34) 2-Methylnaphthalene	12.79	142	89174	15.636	ng/ul	97
40) 1,1'-Biphenyl	13.78	154	12031	1.736	ng/ul#	93
44) Dimethylphthalate	14.38	163	83349	10.726	ng/ul#	98
49) Acenaphthene	15.02	153	12684	2.067	ng/ul#	67
58) Fluorene	15.99	166	21566	2.723	ng/ul#	79
69) Phenanthrene	17.74	178	62947m	5.361	ng/ul	
77) Pyrene	20.10	202	23711	1.396	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.86	149	22811m	2.522	ng/ul	

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

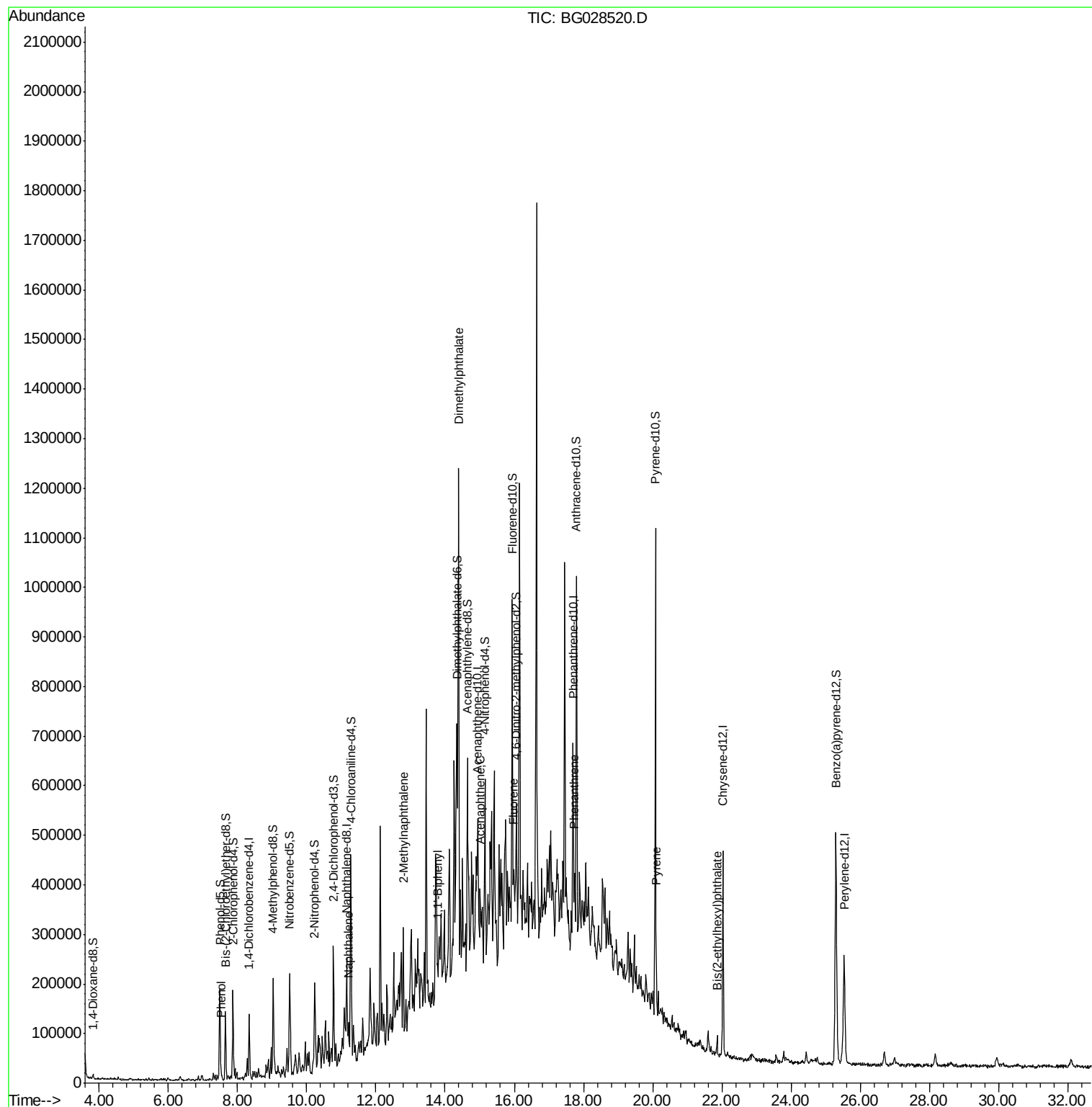
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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ALS Vial : 7 Sample Multiplier: 1

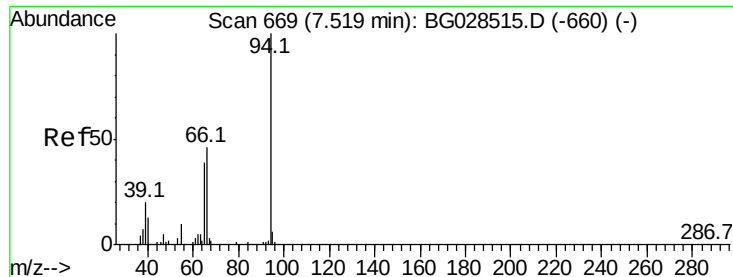
Instrument :
BNA_G
ClientSampleId :
B0AW9

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:30:36 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.670 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

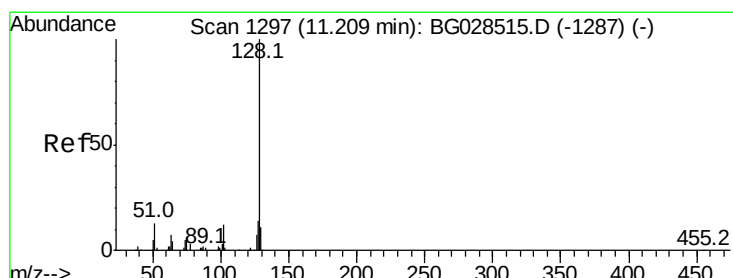
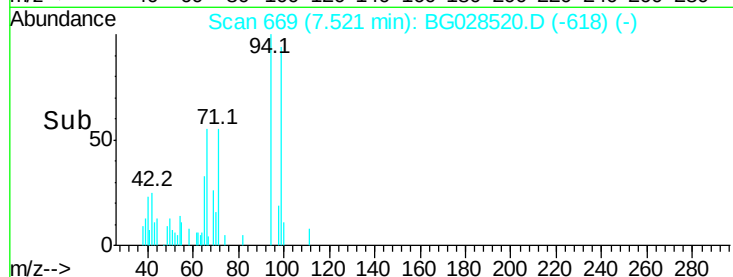
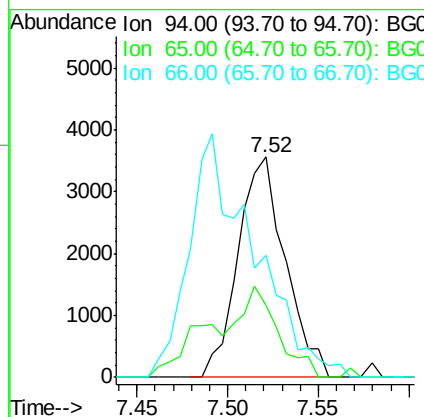
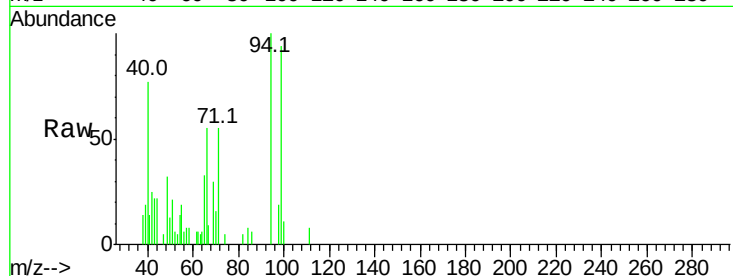
ClientSampled :

B0AW9

Tot Ion:	94	Resp:	6461
Ion Ratio	Lower	Upper	
94	100		
65	32.5	26.8	40.2
66	55.3	44.4	66.6

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#28

Naphthalene

Concen: 3.071 ng/ul

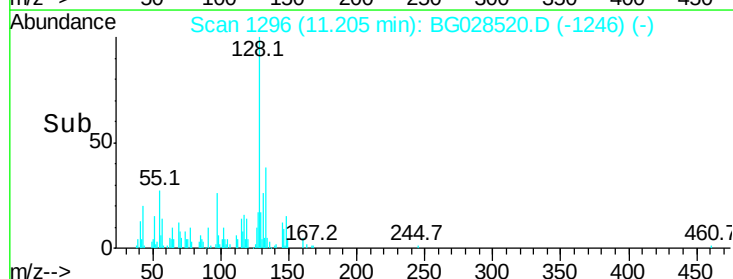
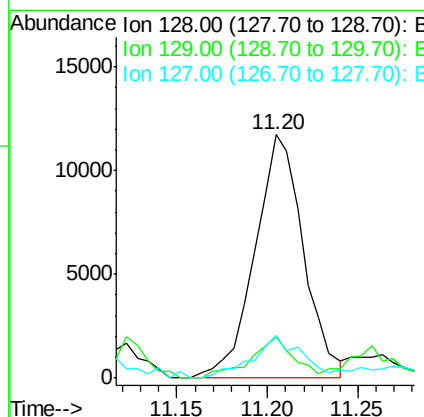
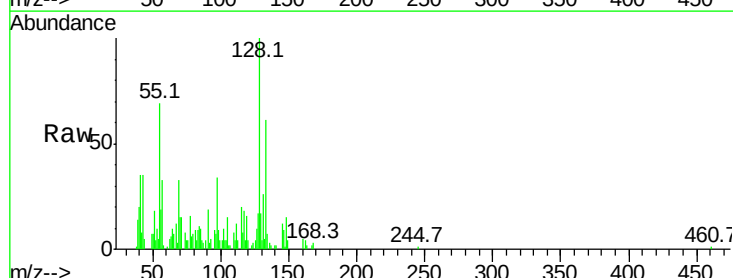
RT: 11.20 min Scan# 1296

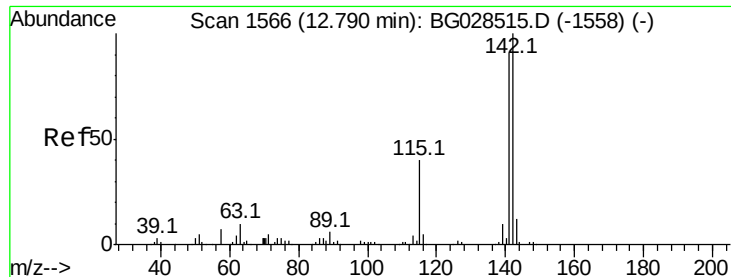
Delta R.T. -0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Tgt Ion:	128	Resp:	21806
Ion Ratio	Lower	Upper	
128	100		
129	16.9	9.4	14.2#
127	17.4	10.3	15.5#





#34

2-Methylnaphthalene

Concen: 15.636 ng/ul

RT: 12.79 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

ClientSampled :

B0AW9

Tot Ion:142 Resp: 89174

Ion Ratio Lower Upper

142 100

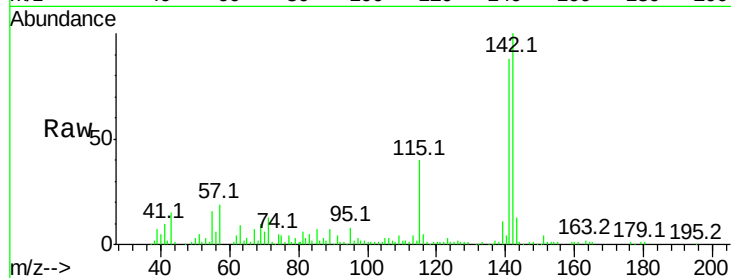
141 88.5 68.6 102.8

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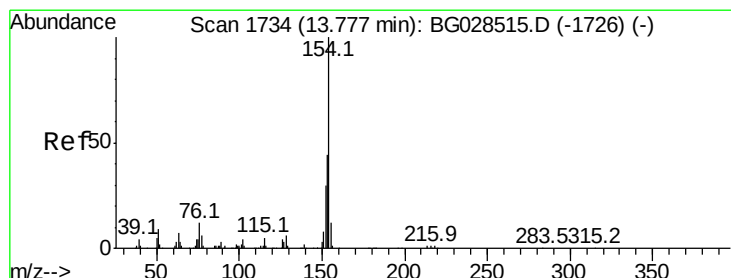
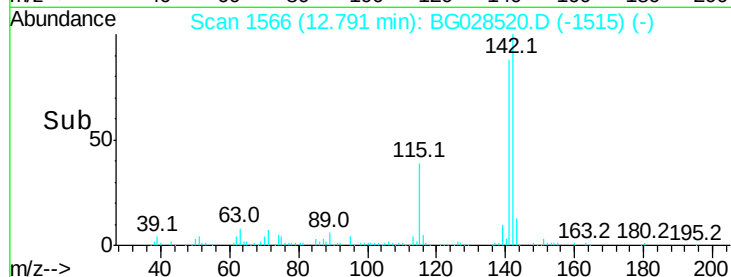
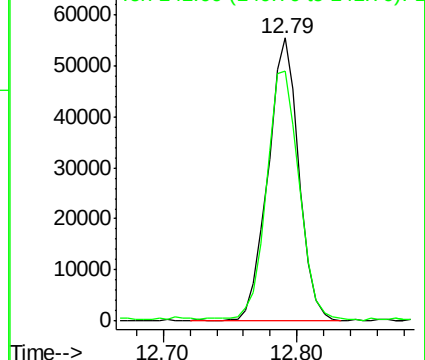
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 1.736 ng/ul

RT: 13.78 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

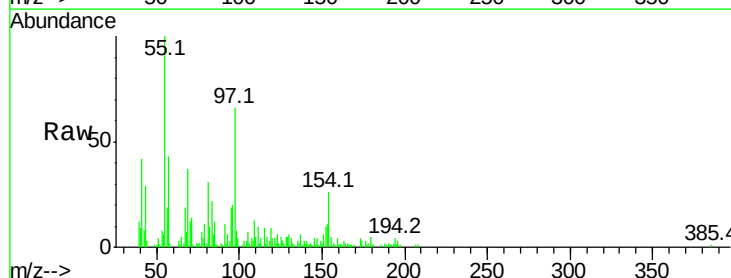
Tgt Ion:154 Resp: 12031

Ion Ratio Lower Upper

154 100

153 43.2 32.2 48.2

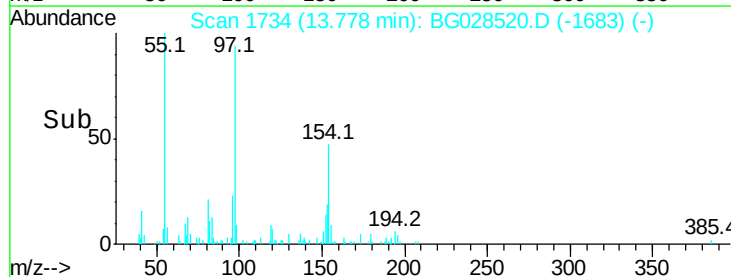
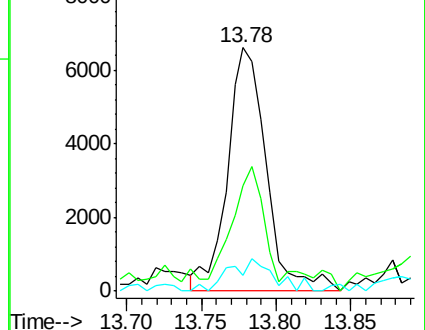
76 6.7 9.6 14.4#

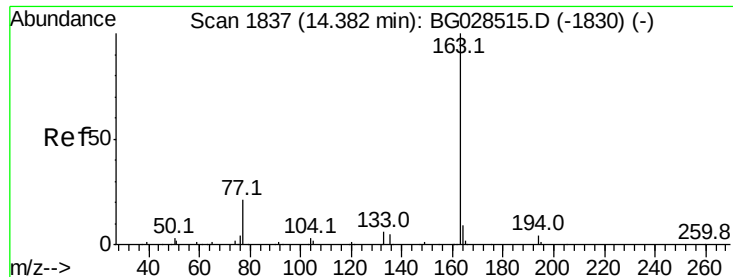


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





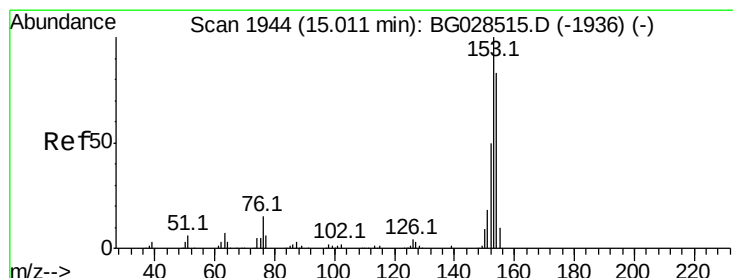
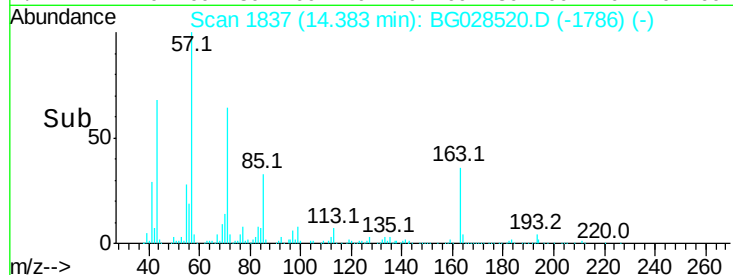
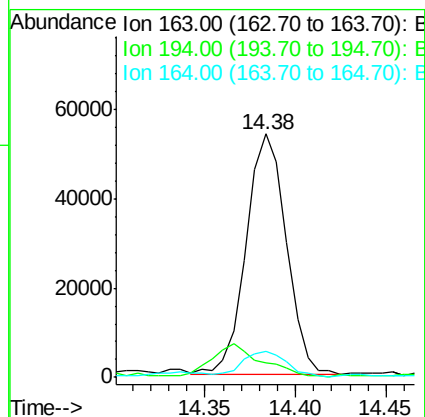
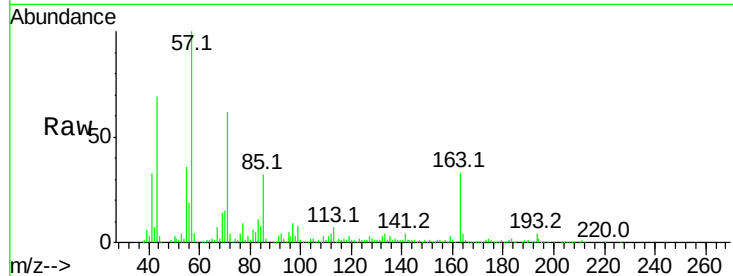
#44
Dimethylphthalate
Concen: 10.726 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG028520.D
Acq: 28 Aug 2017 15:56

Instrument :
BNA_G
ClientSampled :
B0AW9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	83349		
194	6.0	3.4	5.0#	
164	10.8	9.0	13.4	

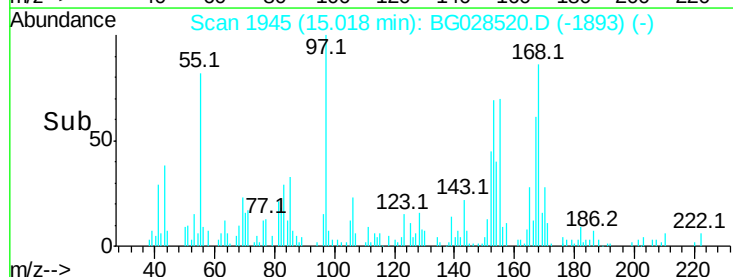
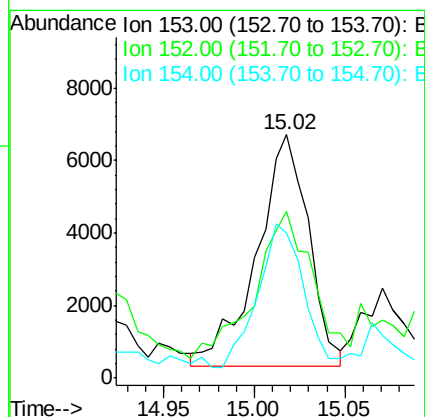
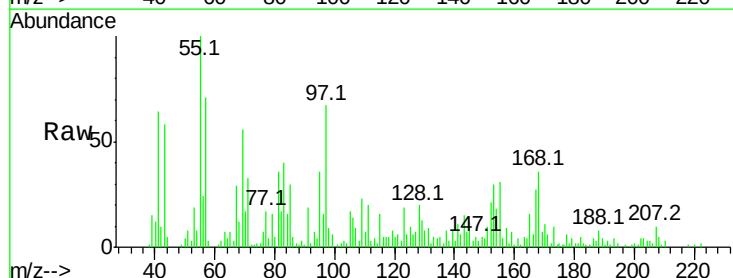
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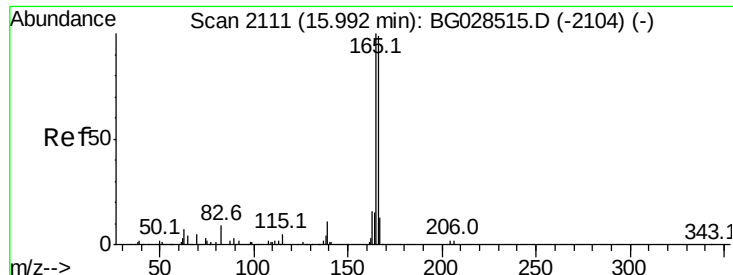
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#49
Acenaphthene
Concen: 2.067 ng/ul
RT: 15.02 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG028520.D
Acq: 28 Aug 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	12684		
152	68.3	36.5	54.7#	
154	59.5	72.3	108.5#	





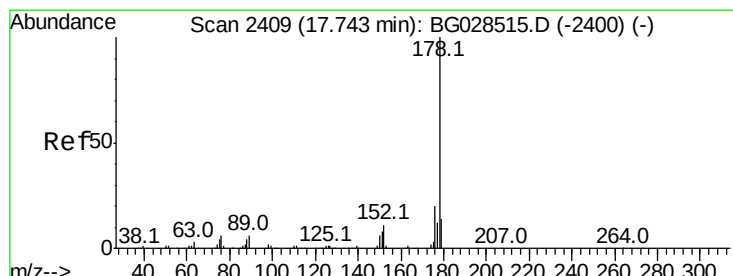
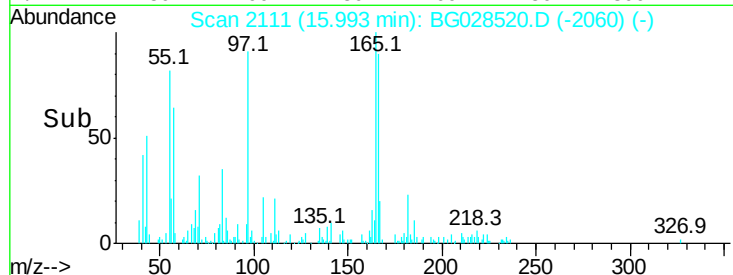
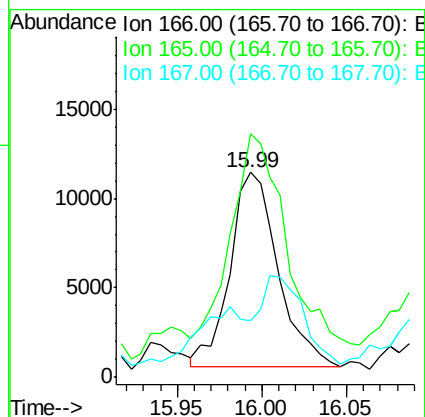
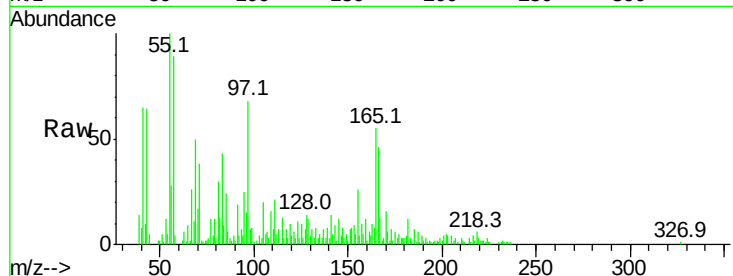
#58
 Fluorene
 Concen: 2.723 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 B0AW9

Tot Ion	Ratio	Lower	Upper
166	100		
165	118.7	79.7	119.5
167	27.4	11.4	17.2

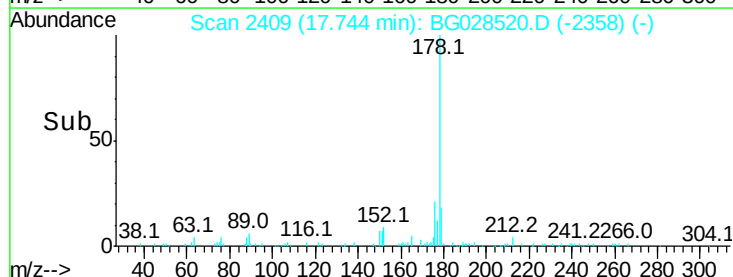
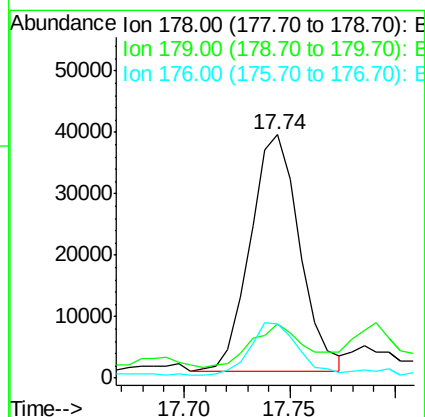
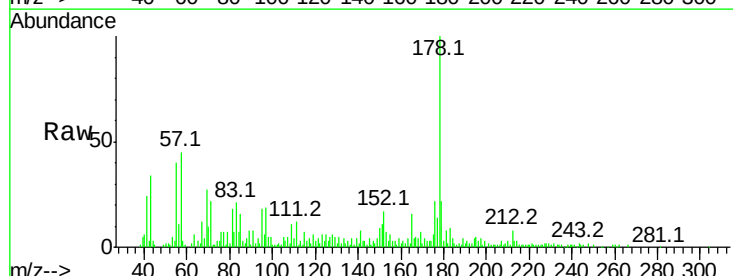
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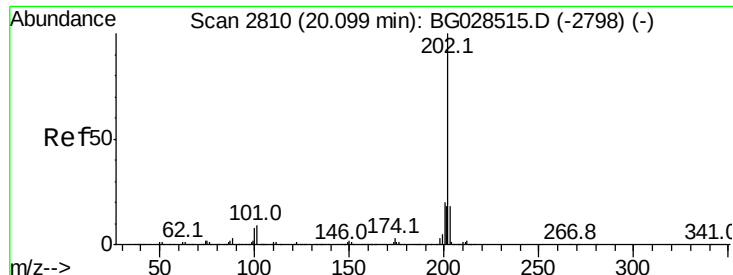
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#69
 Phenanthrene
 Concen: 5.361 ng/ul m
 RT: 17.74 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.4	18.6
176	22.1	16.5	24.7





#77

Pvrene

Concen: 1.396 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

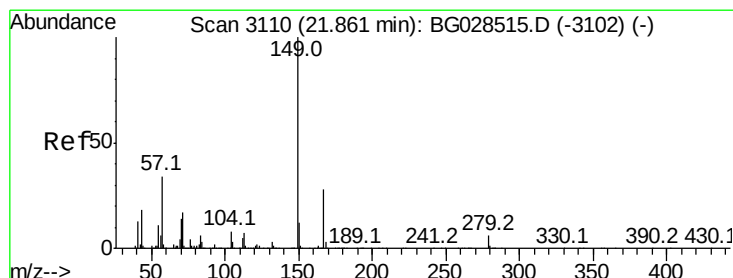
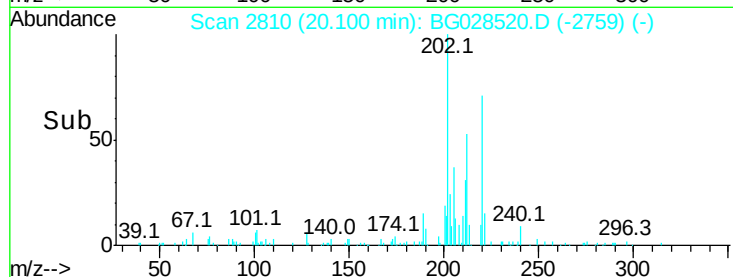
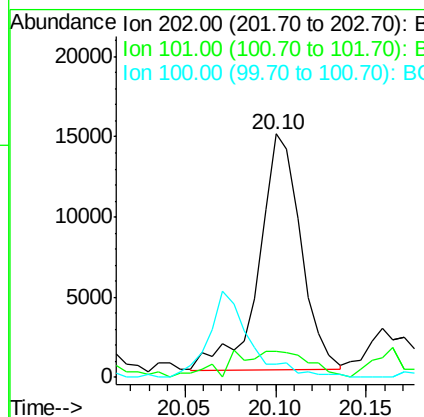
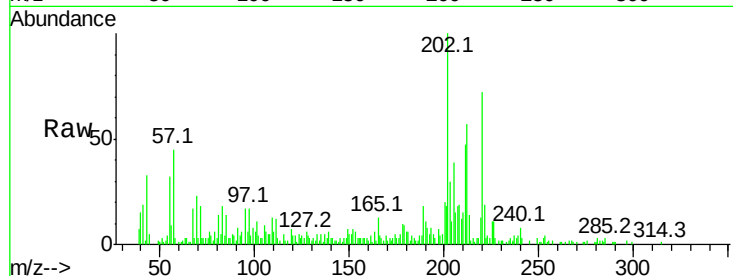
ClientSampleId :

B0AW9

Tot Ion:	202	Resp:	23711
Ion Ratio	Lower	Upper	
202	100		
101	10.9	6.9	10.3#
100	5.5	6.6	10.0#

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.522 ng/ul m

RT: 21.86 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Tgt Ion:	149	Resp:	22811
Ion Ratio	Lower	Upper	
149	100		
167	34.3	21.8	32.8#
279	5.6	4.5	6.7

