

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027955.D
 Acq On : 17 Jul 2017 19:00
 Operator : SJ/JU
 Sample : I4212-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:40:13 AM

Quant Time: Jul 19 14:31:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 17 16:40:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	337588	20.00	ng/ul	0.08
18) Naphthalene-d8	11.28	136	328991	20.00	ng/ul	0.09
35) Acenaphthene-d10	14.99	164	153746	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	345954	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	447375	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	436474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	4475	0.73	ng/uL	0.00
5) Phenol-d5	7.53	99	753435	27.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.86	67	4488241	280.60	ng/ul	0.17
9) 2-Chlorophenol-d4	7.96	132	124106	5.69	ng/ul	0.06
13) 4-Methylphenol-d8	9.17	113	512117	22.30	ng/ul	0.11
19) Nitrobenzene-d5	9.69	128	234913	97.04	ng/ul	0.15
22) 2-Nitrophenol-d4	10.36	143	62023	21.30	ng/ul	0.09
26) 2,4-Dichlorophenol-d3	10.89	165	119292	20.93	ng/ul	0.09
29) 4-Chloroaniline-d4	11.39	131	1383576	268.59	ng/ul	0.07
43) Dimethylphthalate-d6	14.37	166	316993	23.78	ng/ul	0.00
46) Acenaphthylene-d8	14.69	160	365385	24.12	ng/ul	0.01
51) 4-Nitrophenol-d4	15.16	143	38801	20.10	ng/ul	0.00
57) Fluorene-d10	15.97	176	282133	22.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	46079	19.18	ng/ul	0.00
70) Anthracene-d10	17.83	188	429203	25.73	ng/ul	0.00
76) Pyrene-d10	20.09	212	506567	25.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	508803	24.96	ng/ul	0.00
Target Compounds						
24) 2,4-Dimethylphenol	10.54	107	1318599m	224.816	ng/ul	
28) Naphthalene	11.35	128	6030953	386.836	ng/ul#	75
34) 2-Methylnaphthalene	12.87	142	1756200	139.310	ng/ul	91
40) 1,1'-Biphenyl	13.83	154	187641	15.971	ng/ul#	97
44) Dimethylphthalate	14.42	163	140082	11.542	ng/ul#	82
49) Acenaphthene	15.05	153	15849	1.574	ng/ul#	43
58) Fluorene	16.03	166	26399	2.062	ng/ul#	84
69) Phenanthrene	17.77	178	42672	2.407	ng/ul#	96

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

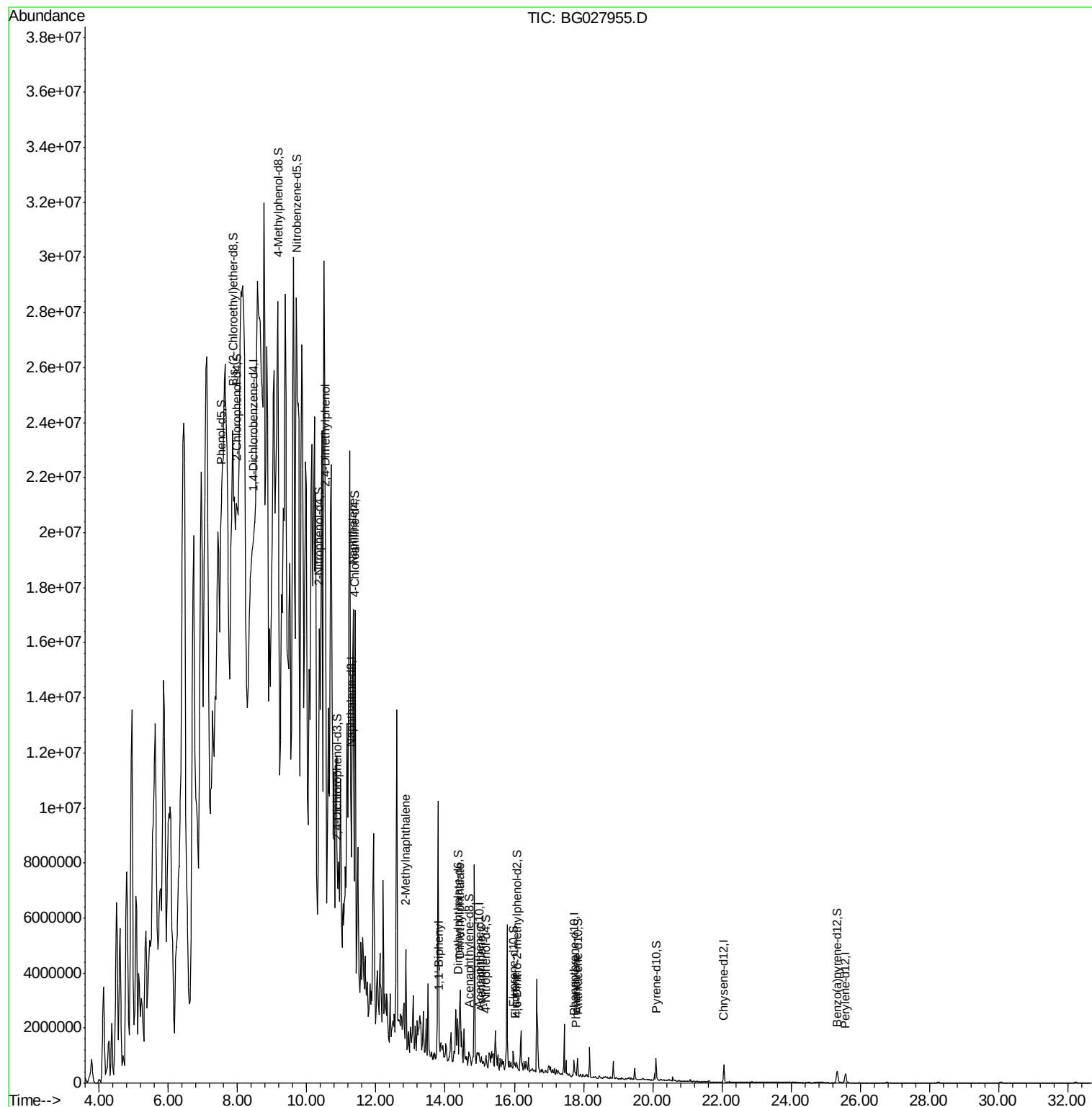
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
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Operator : SJ/JU
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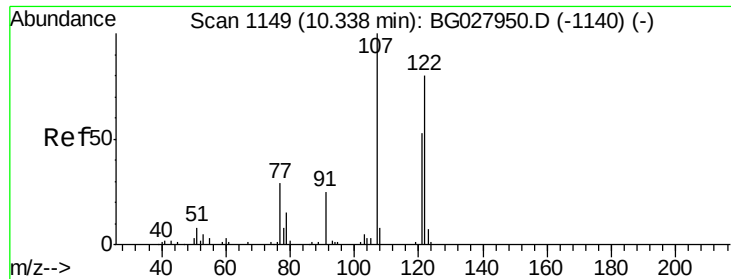
Instrument :
BNA_G
ClientSampled :
BC2Y8

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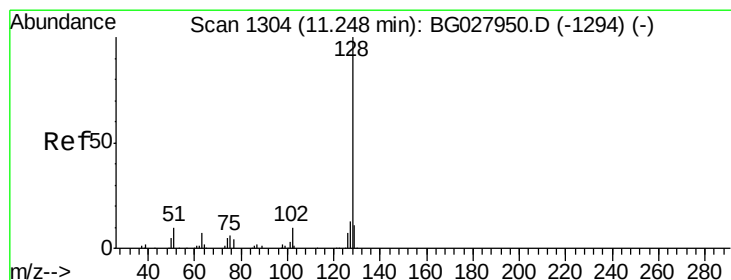
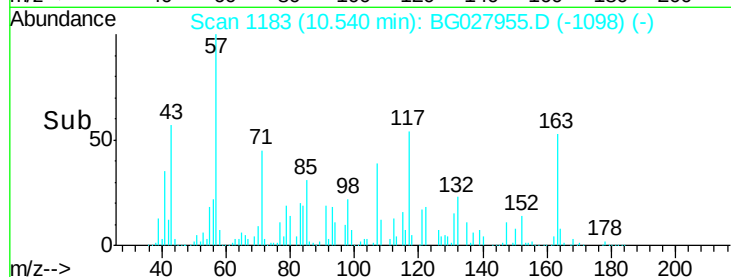
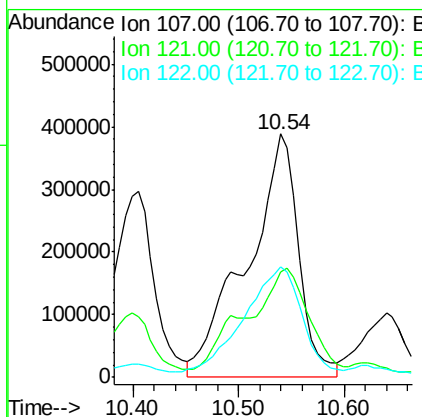
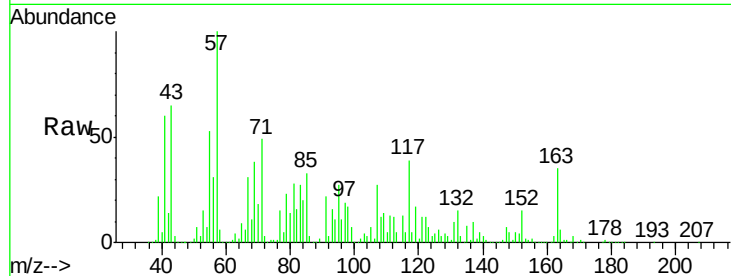
#24
2,4-Dimethylphenol
Concen: 224.816 ng/ul m
RT: 10.54 min Scan# 1183
Delta R.T. 0.20 min
Lab File: BG027955.D
Acq: 17 Jul 2017 19:00

Instrument :
BNA_G
ClientSampled :
BC2Y8

Tgt Ion:107 Resp: 1318599
Ion Ratio Lower Upper
107 100
121 43.3 32.3 48.5
122 45.2 61.2 91.8#

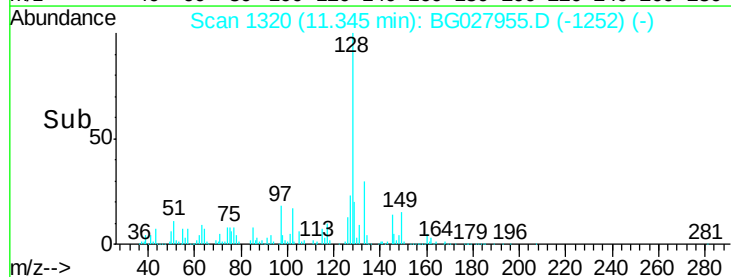
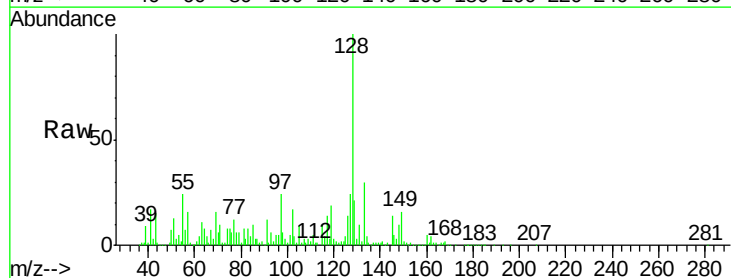
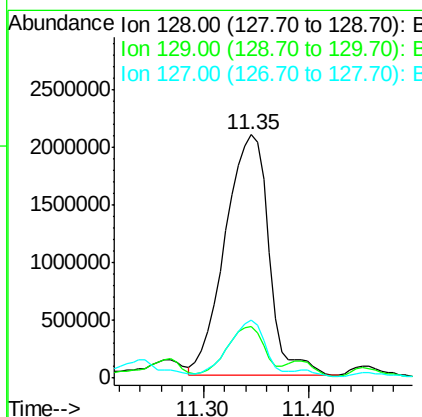
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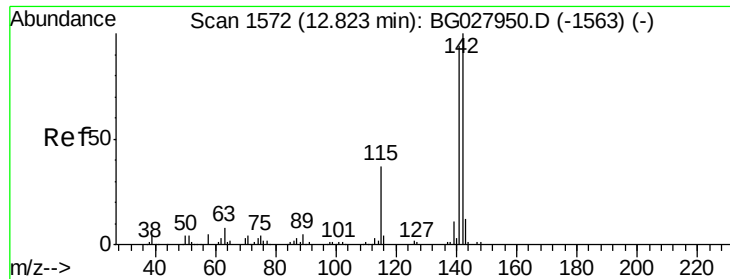
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#28
Naphthalene
Concen: 386.836 ng/ul
RT: 11.35 min Scan# 1320
Delta R.T. 0.10 min
Lab File: BG027955.D
Acq: 17 Jul 2017 19:00

Tgt Ion:128 Resp: 6030953
Ion Ratio Lower Upper
128 100
129 21.0 9.4 14.2#
127 23.6 10.3 15.5#





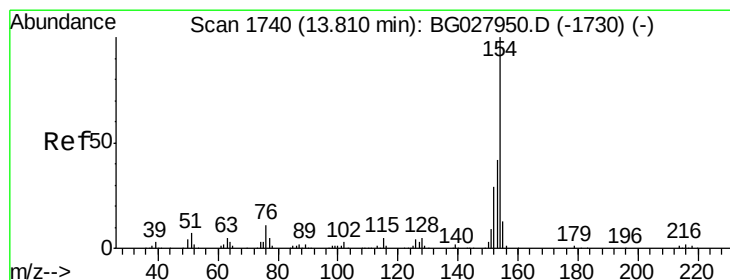
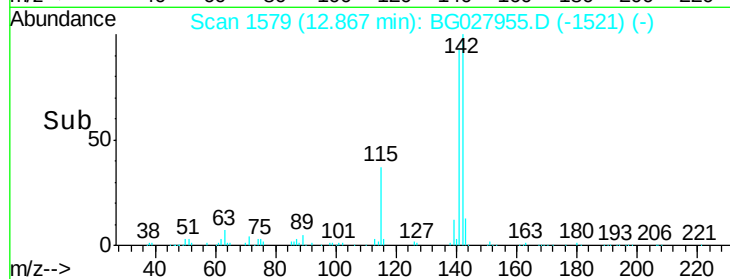
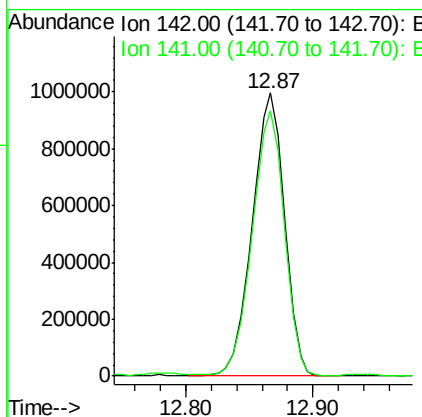
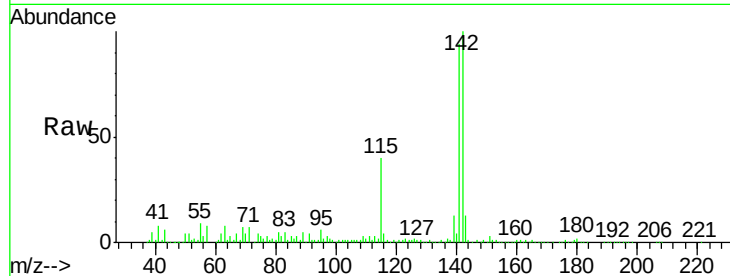
#34
 2-Methylnaphthalene
 Concen: 139.310 ng/ul
 RT: 12.87 min Scan# 1579
 Delta R.T. 0.04 min
 Lab File: BG027955.D
 Acq: 17 Jul 2017 19:00

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8

Tgt Ion:142 Resp: 1756200
 Ion Ratio Lower Upper
 142 100
 141 93.6 68.6 102.8

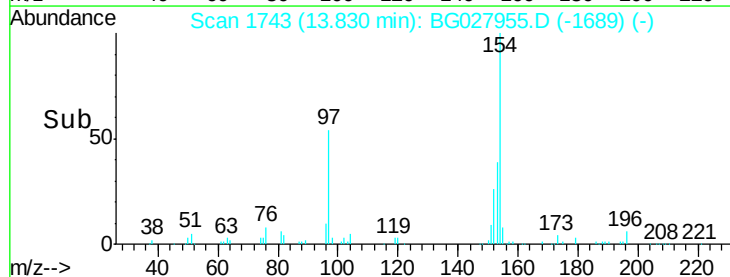
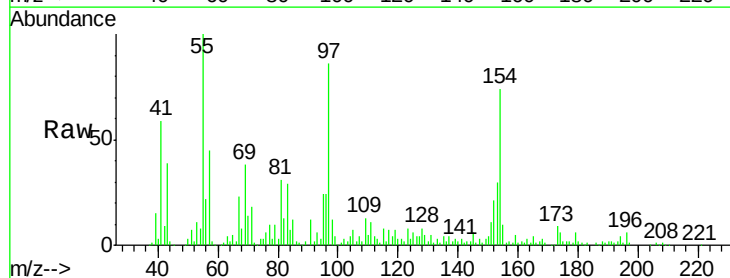
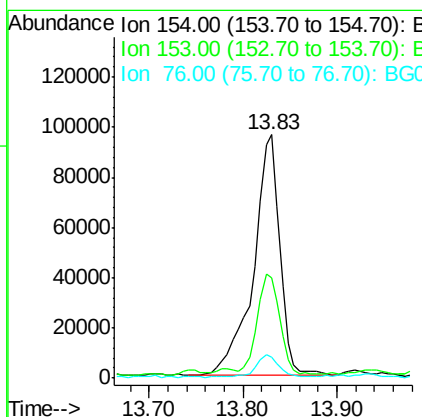
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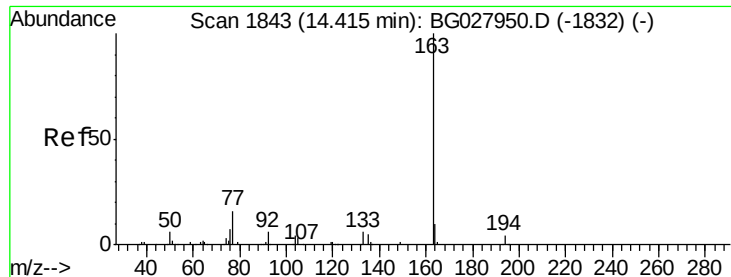
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#40
 1,1'-Biphenyl
 Concen: 15.971 ng/ul
 RT: 13.83 min Scan# 1743
 Delta R.T. 0.02 min
 Lab File: BG027955.D
 Acq: 17 Jul 2017 19:00

Tgt Ion:154 Resp: 187641
 Ion Ratio Lower Upper
 154 100
 153 41.4 32.2 48.2
 76 8.7 9.6 14.4#





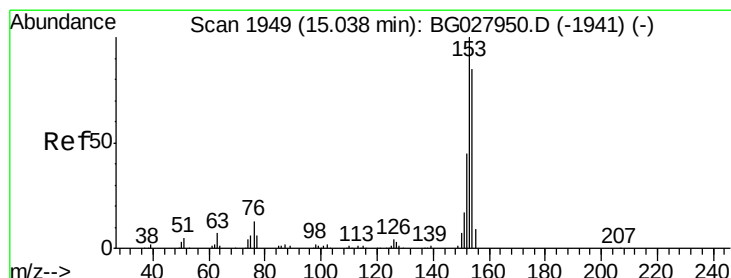
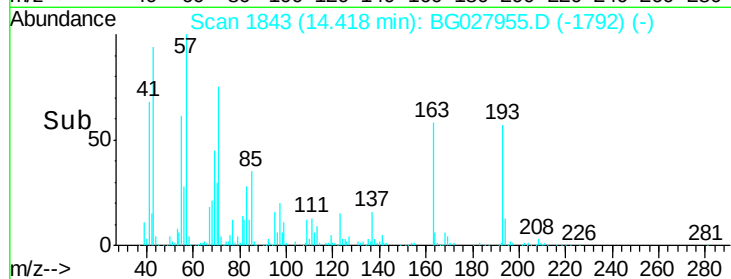
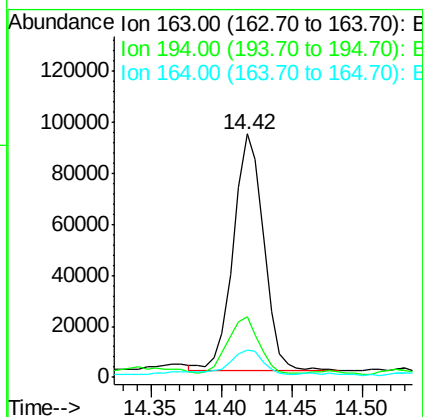
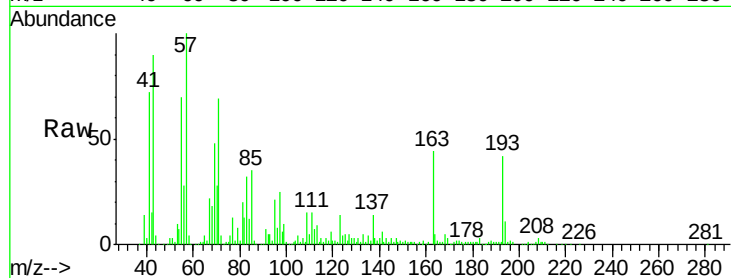
#44
Dimethylphthalate
Concen: 11.542 ng/ul
RT: 14.42 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG027955.D
Acq: 17 Jul 2017 19:00

Instrument :
BNA_G
ClientSampleId :
BC2Y8

Tgt Ion	Ratio	Lower	Upper
163	100		
194	25.1	3.4	5.0#
164	11.1	9.0	13.4

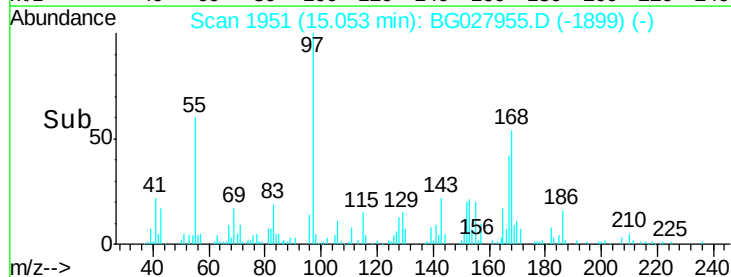
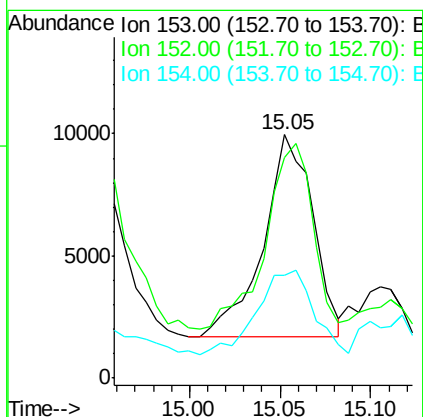
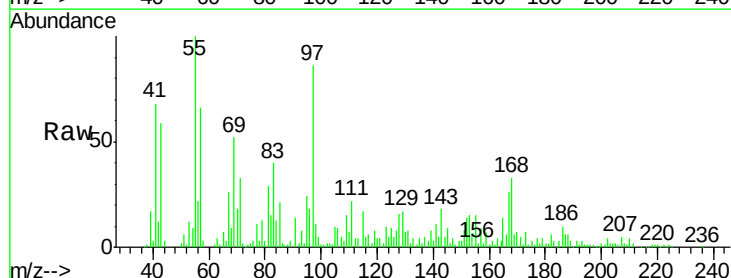
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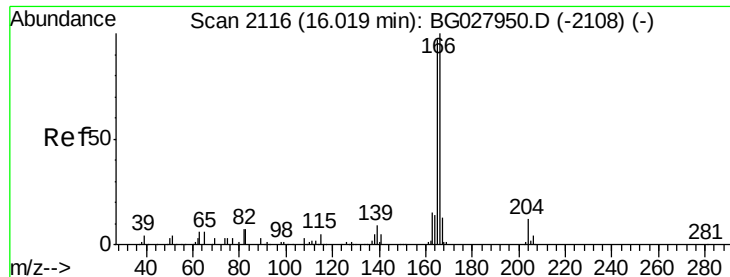
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#49
Acenaphthene
Concen: 1.574 ng/ul
RT: 15.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG027955.D
Acq: 17 Jul 2017 19:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	90.8	36.5	54.7#
154	42.0	72.3	108.5#





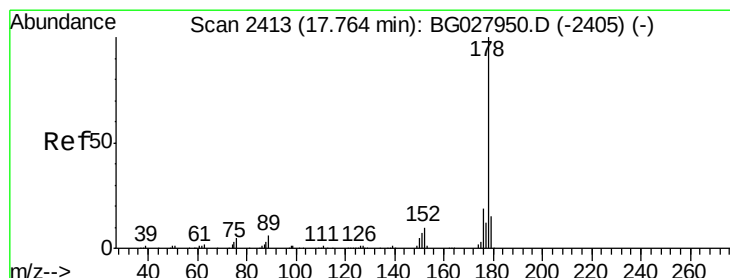
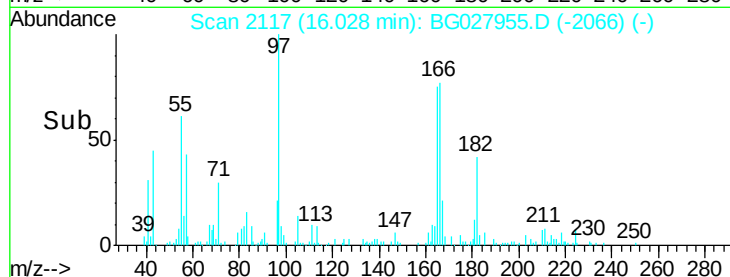
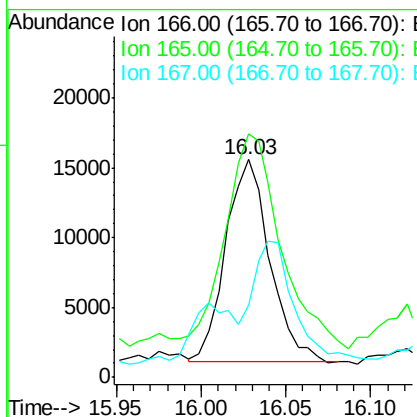
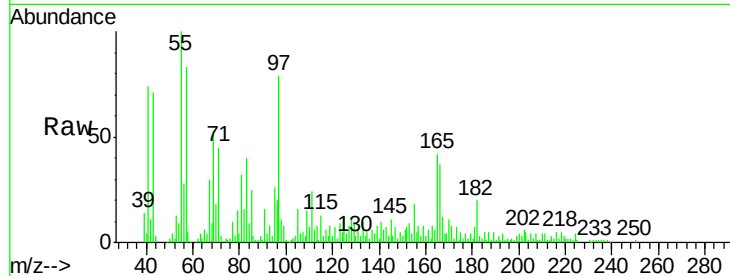
#58
 Fluorene
 Concen: 2.062 ng/ul
 RT: 16.03 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG027955.D
 Acq: 17 Jul 2017 19:00

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8

Tgt Ion:	166	Resp:	26399
Ion Ratio	Lower	Upper	
166	100		
165	111.8	79.7	119.5
167	33.0	11.4	17.2#

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#69
 Phenanthrene
 Concen: 2.407 ng/ul
 RT: 17.77 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG027955.D
 Acq: 17 Jul 2017 19:00

Tgt Ion:	178	Resp:	42672
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.4	18.6#
176	20.4	16.5	24.7

