

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019535.D
 Acq On : 9 Nov 2015 16:31
 Operator : UM/NP
 Sample : G4245-17DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL2

Manual Integrations
 APPROVED

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 11/10/2015 1:04:16 PM

Quant Time: Nov 17 16:31:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 00:14:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	28711	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	123969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	100633	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	294455	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	393324	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	369665	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	455	0.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1260m	0.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	870	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	358	0.17	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	676m	0.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	133	0.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	1154m	0.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	2496m	1.05	ng/ul	0.04
44) Dimethylphthalate-d6	14.20	166	6718	0.81	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	6665	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	230	0.17	ng/ul	0.01
58) Fluorene-d10	15.79	176	6392	0.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	736	0.39	ng/ul	0.00
71) Anthracene-d10	17.64	188	11916	0.89	ng/ul	0.00
79) Pyrene-d10	19.92	212	12974	0.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	14360	0.77	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	11.06	128	949193	153.03	ng/ul 96
34) 2-Methylnaphthalene	12.64	142	20317	4.08	ng/ul 86
41) 1,1'-Biphenyl	13.64	154	21928	3.08	ng/ul# 97
50) Acenaphthene	14.87	153	60743	9.56	ng/ul 94
54) Dibenzofuran	15.20	168	62599	6.69	ng/ul 93
59) Fluorene	15.85	166	40076	4.91	ng/ul 97
70) Phenanthrene	17.59	178	65289	4.39	ng/ul 99
75) Carbazole	17.95	167	87381	7.23	ng/ul 97

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

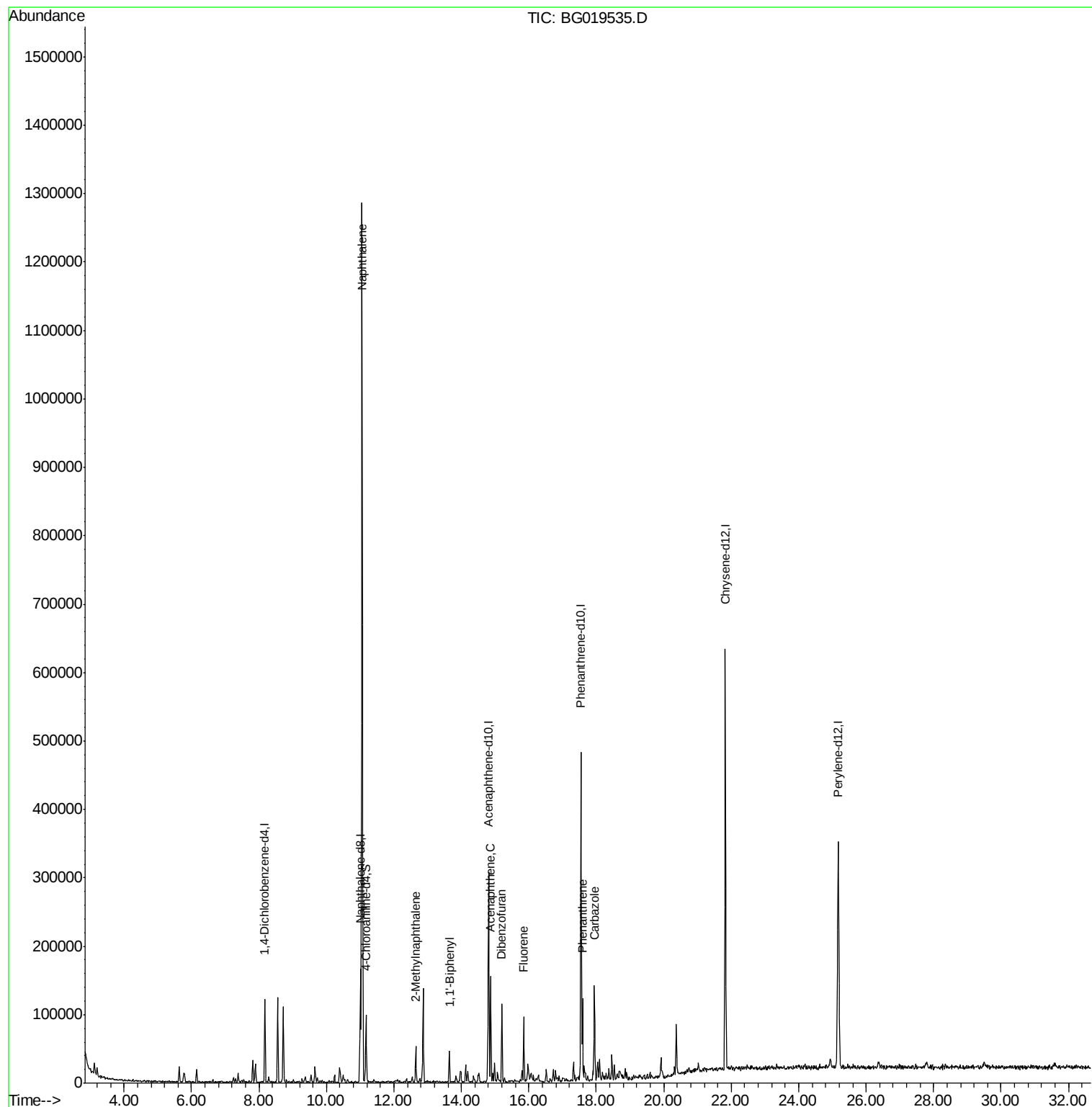
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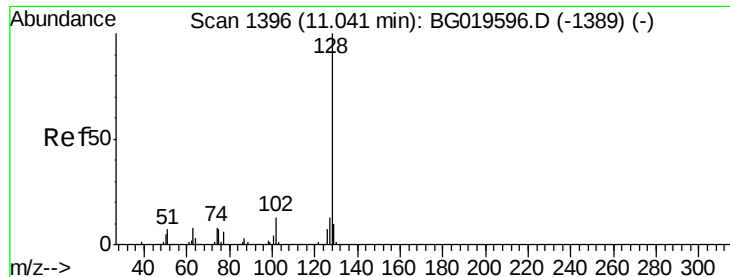
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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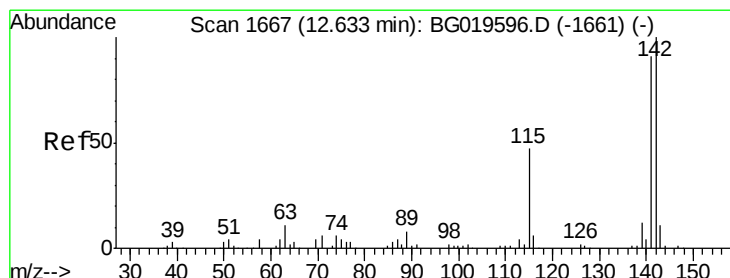
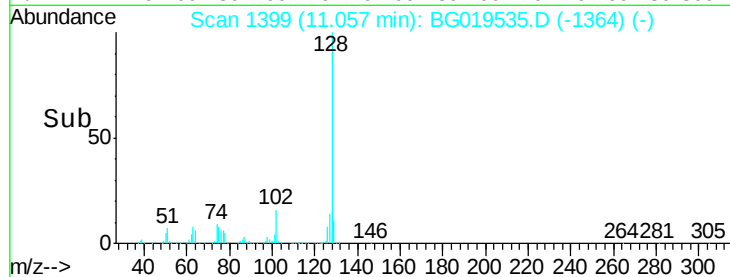
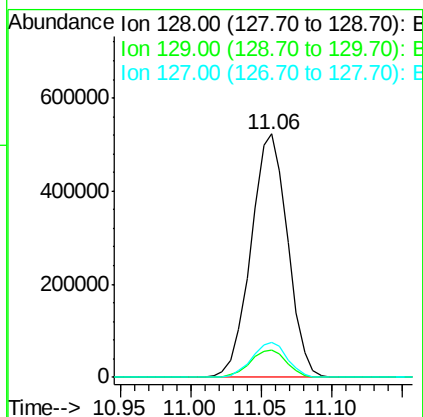
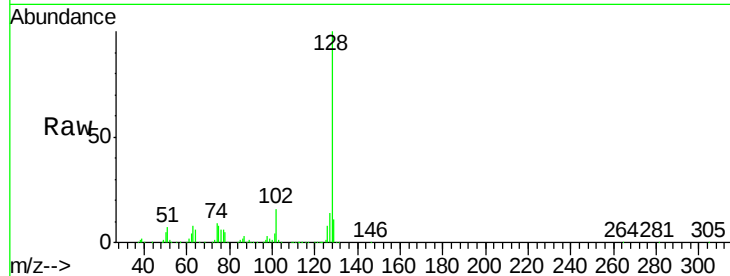
#28
Naphthalene
Concen: 153.03 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Instrument :
BNA_G
ClientSampleId :
BCY52DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	14.2	13.1	19.7

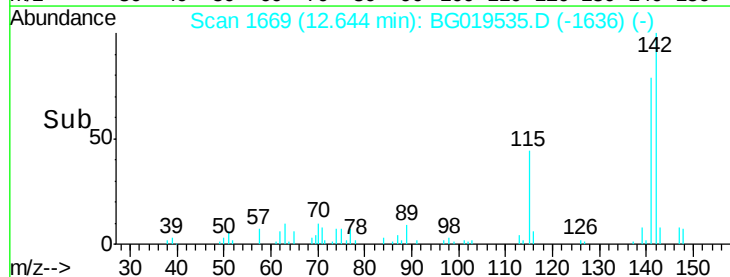
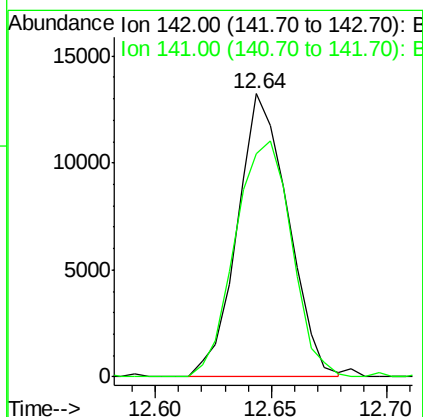
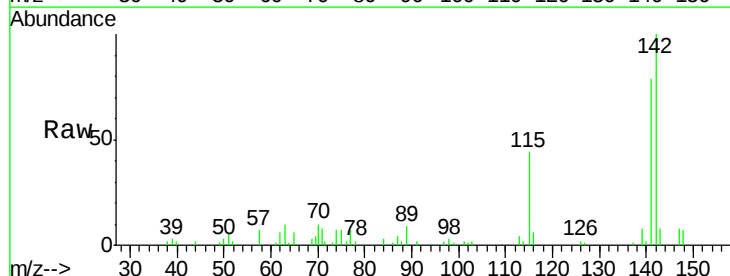
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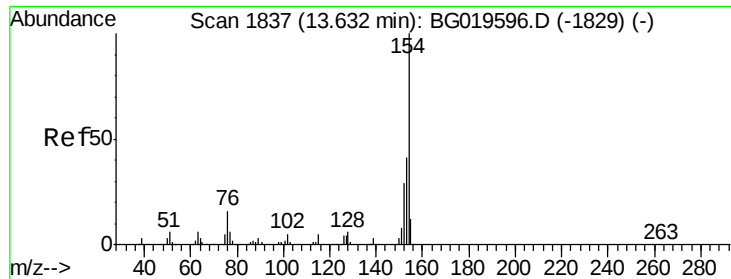
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#34
2-Methylnaphthalene
Concen: 4.08 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.6	73.4	110.2





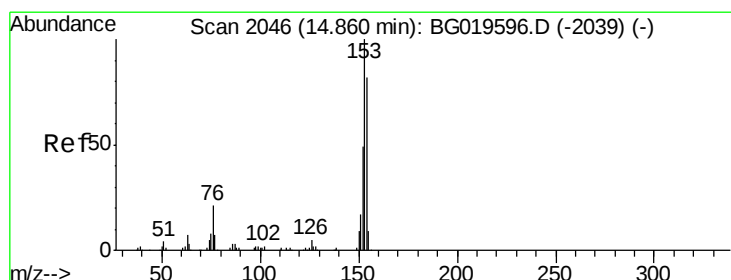
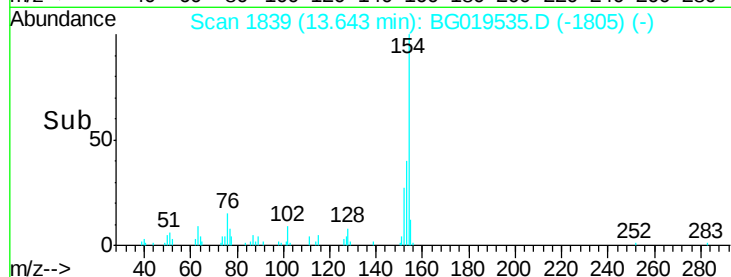
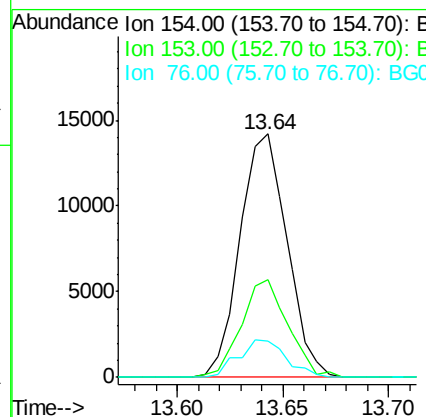
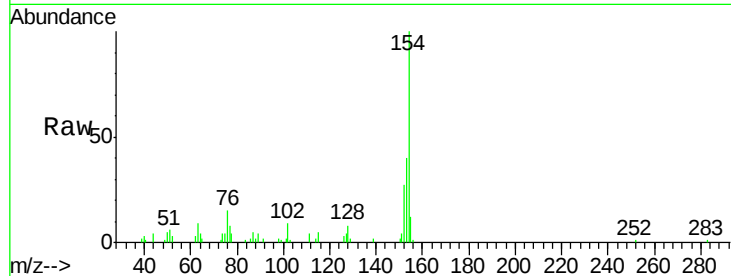
#41
 1,1'-Biphenyl
 Concen: 3.08 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL2

Tot Ion:	154	Resp:	21928
Ion Ratio	Lower	Upper	
154	100		
153	40.4	32.8	49.2
76	14.8	7.7	11.5#

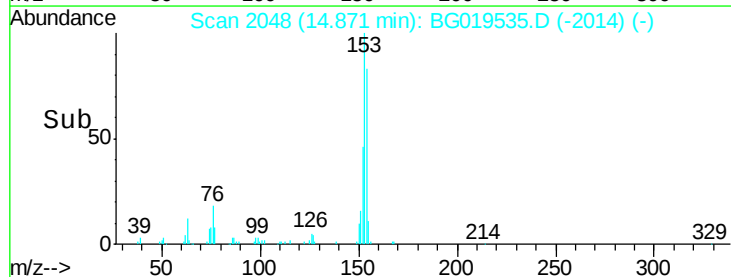
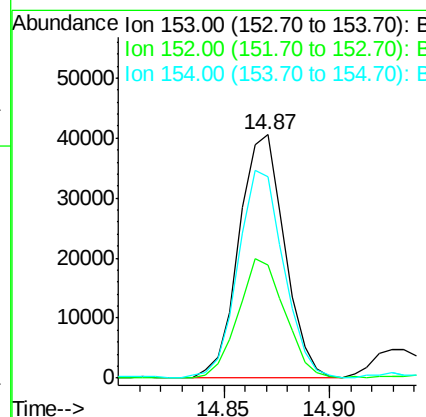
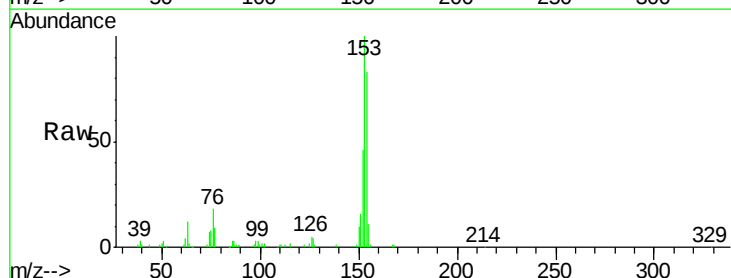
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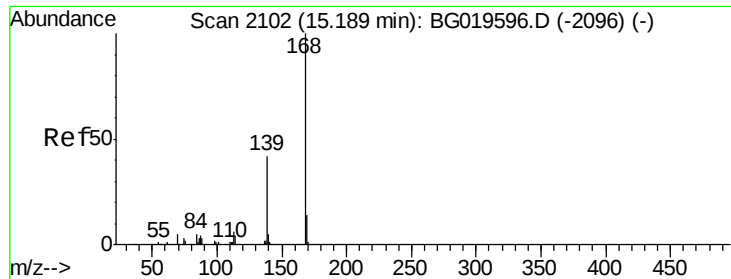
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#50
 Acenaphthene
 Concen: 9.56 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

Tgt Ion:	153	Resp:	60743
Ion Ratio	Lower	Upper	
153	100		
152	46.2	38.8	58.2
154	82.9	71.5	107.3





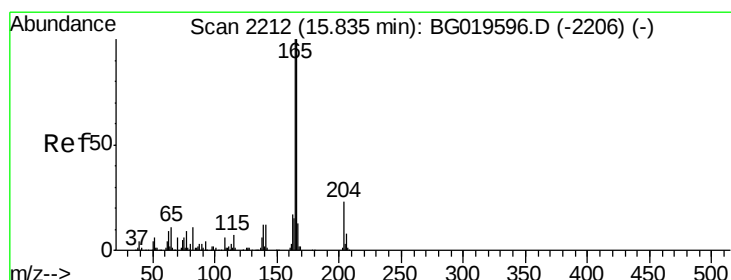
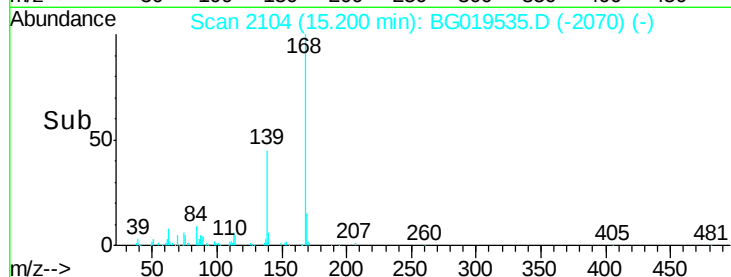
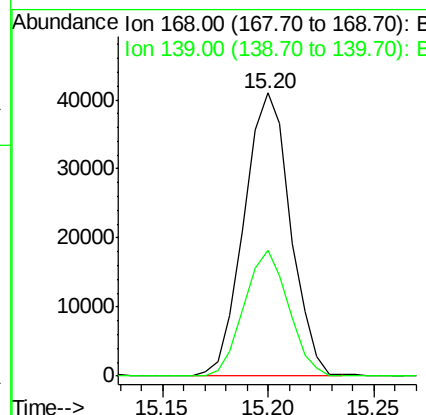
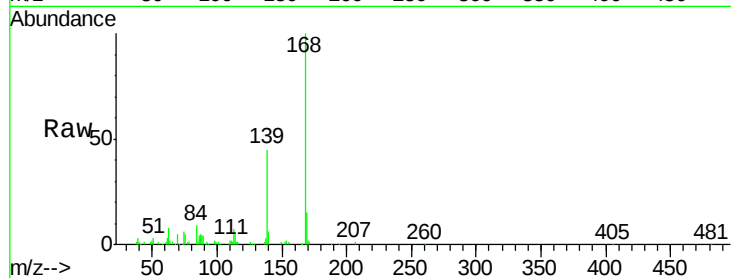
#54
Dibenzenofuran
Concen: 6.69 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Instrument :
BNA_G
ClientSampleId :
BCY52DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.7	32.4	48.6

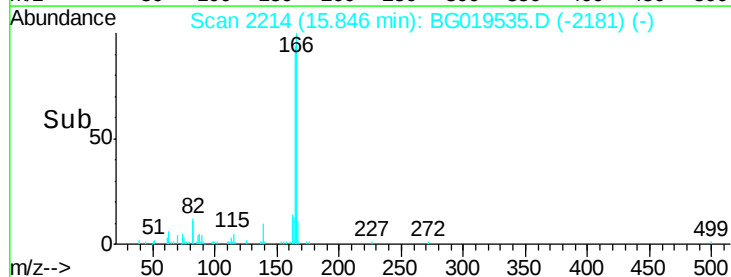
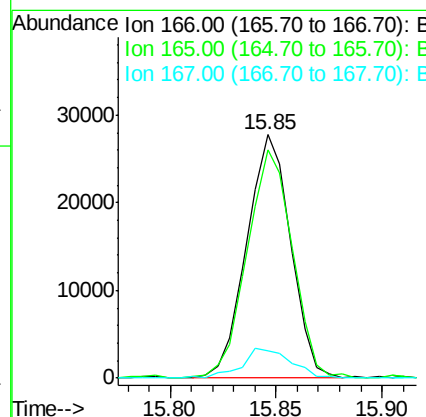
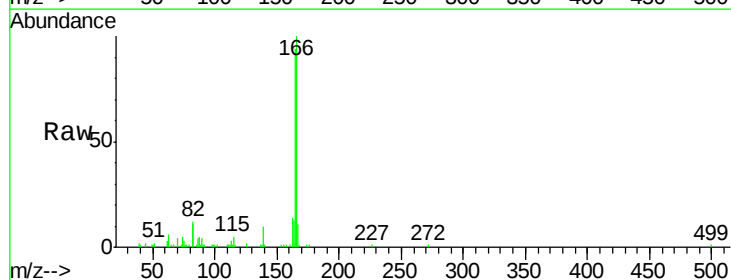
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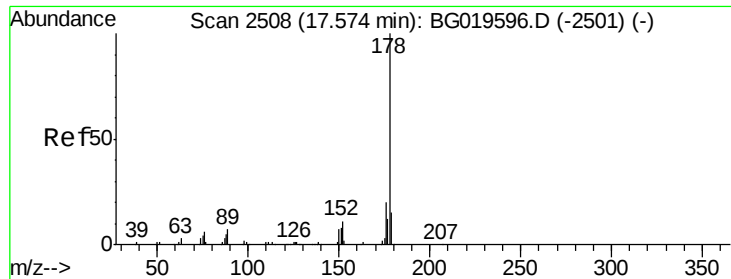
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#59
Fluorene
Concen: 4.91 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	77.6	116.4
167	11.2	9.6	14.4





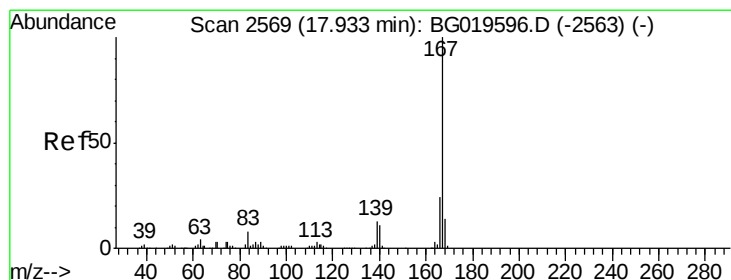
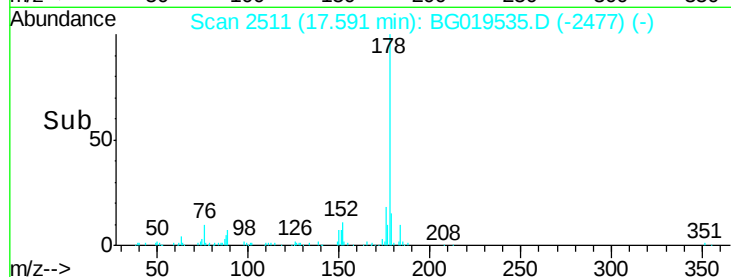
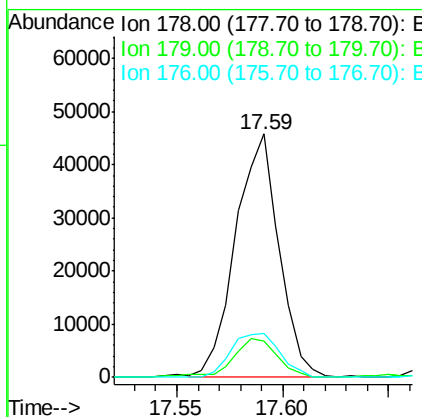
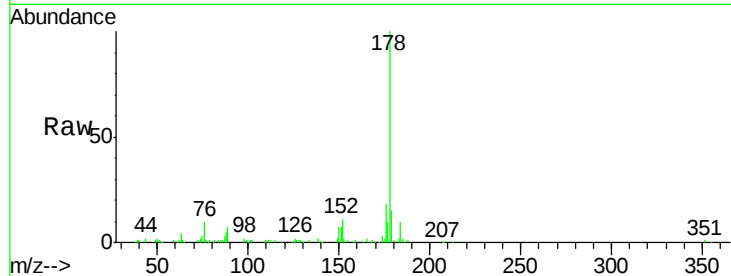
#70
Phenanthrene
Concen: 4.39 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Instrument :
BNA_G
ClientSampleId :
BCY52DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	18.8
176	17.9	14.3	21.5

Manual Integrations
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#75
Carbazole
Concen: 7.23 ng/ul
RT: 17.95 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.2	16.8	25.2
139	12.9	9.8	14.6

