

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020493.D
 Acq On : 25 Dec 2015 4:23
 Operator : UM/SJ
 Sample : G4846-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N47

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:42 PM

Quant Time: Dec 25 08:03:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	13934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	62604	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	46854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	126014	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	158919	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	150721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	353	1.40	ng/uL	0.00
5) Phenol-d5	7.24	99	9677	8.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	24586	37.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	27308	31.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	19472	20.70	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	18219	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	20933	37.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	36238	33.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	148556	38.47	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	168377	37.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2722m	4.23	ng/ul	0.00
58) Fluorene-d10	15.70	176	133037	38.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	20291	24.30	ng/ul	0.00
71) Anthracene-d10	17.56	188	226423	38.36	ng/ul	0.00
79) Pyrene-d10	19.84	212	273027	39.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	300281	39.41	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.94	128	40172	12.07	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	4909	1.99	ng/ul	95
50) Acenaphthene	14.77	153	12258	3.86	ng/ul	97
54) Dibenzofuran	15.11	168	13699	2.90	ng/ul	99
59) Fluorene	15.75	166	13360	3.49	ng/ul	93
70) Phenanthrene	17.50	178	51297	7.32	ng/ul	98
77) Fluoranthene	19.50	202	11504	1.30	ng/ul	98

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

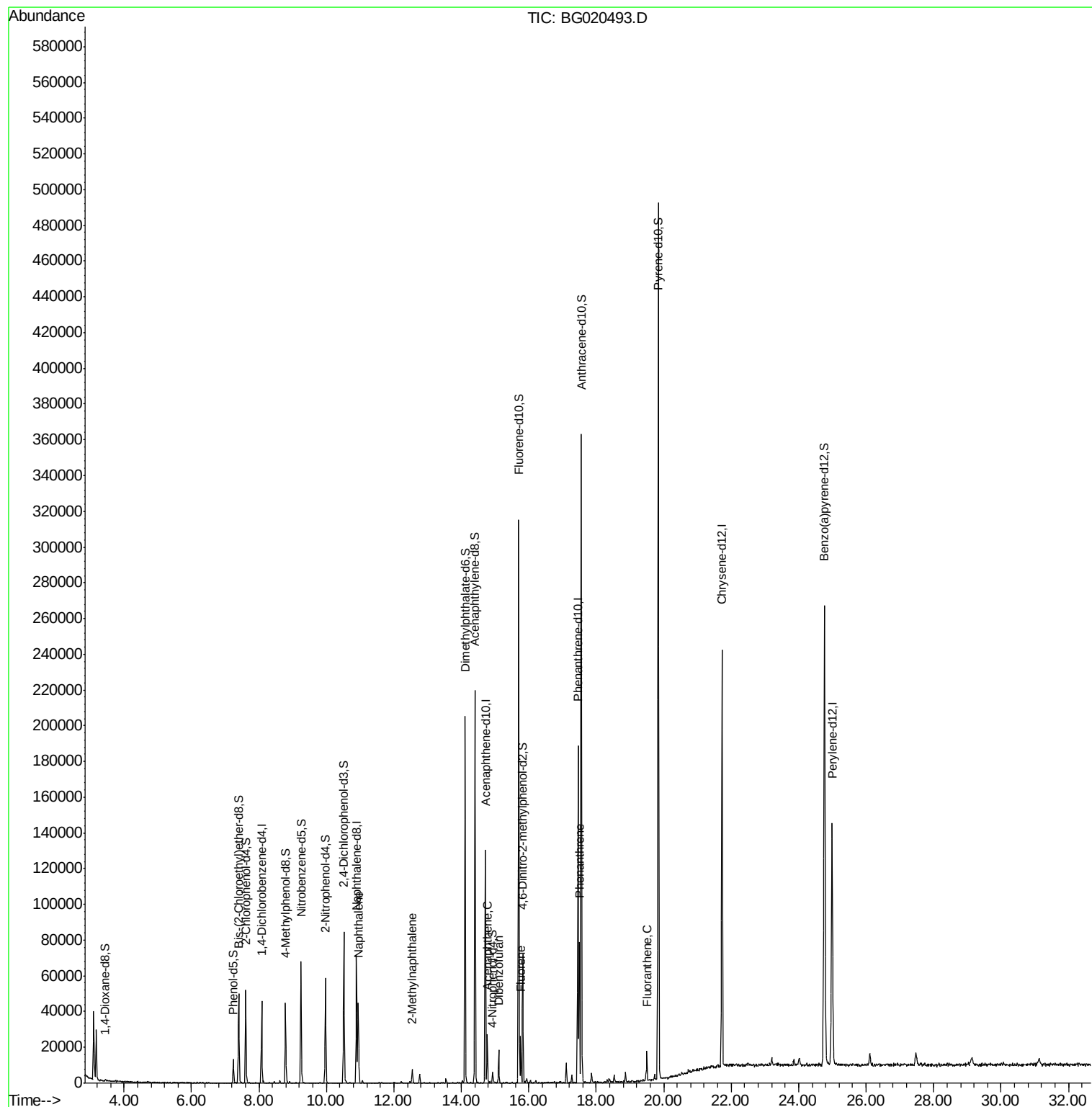
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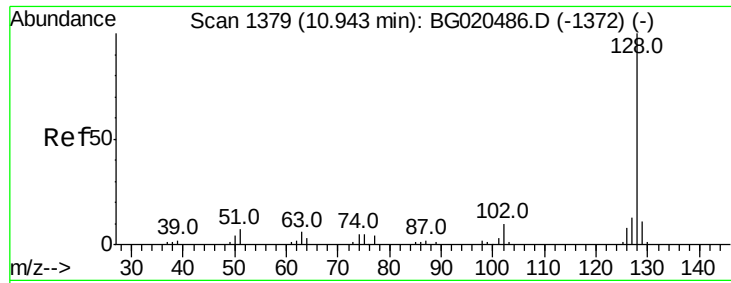
Instrument :
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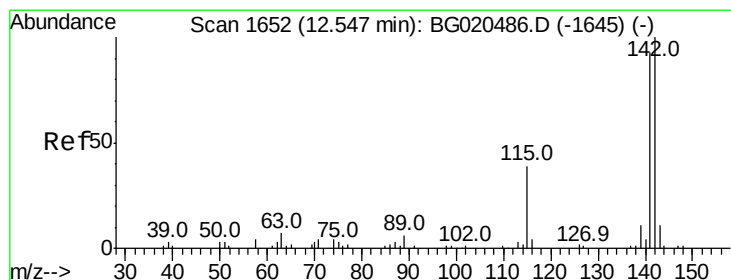
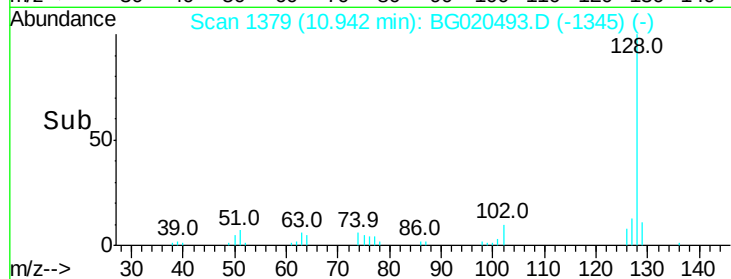
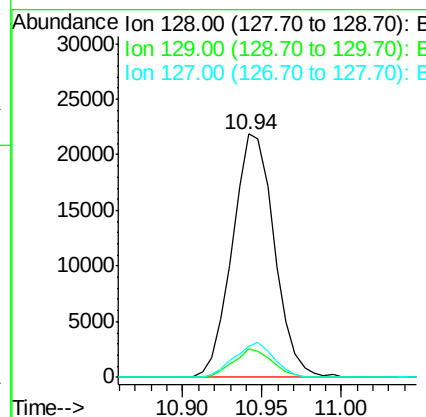
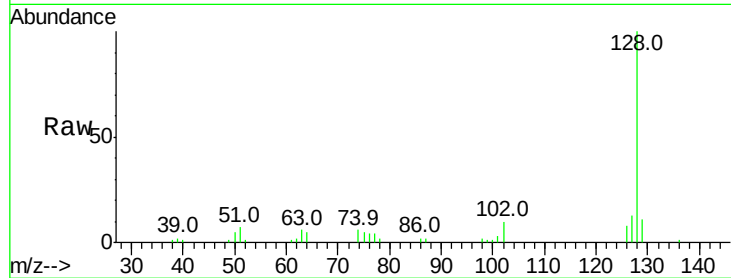
#28
Naphthalene
Concen: 12.07 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Instrument :
BNA_G
ClientSampleId :
D9N47

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	12.9	10.1	15.1

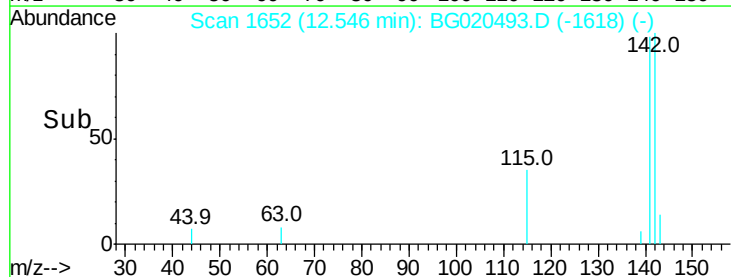
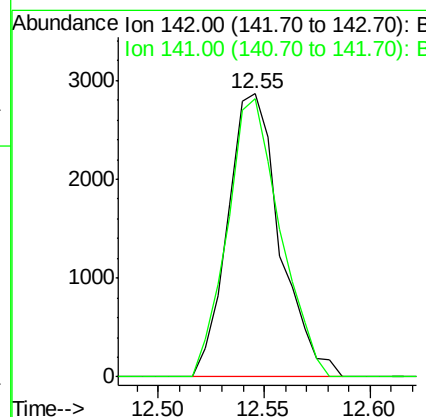
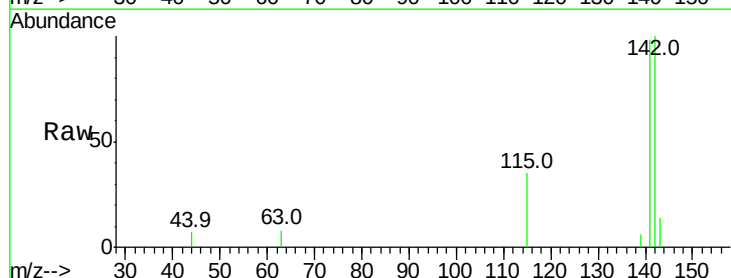
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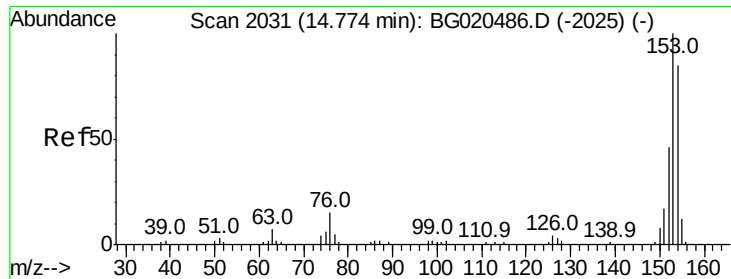
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#34
2-Methylnaphthalene
Concen: 1.99 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.3	74.9	112.3





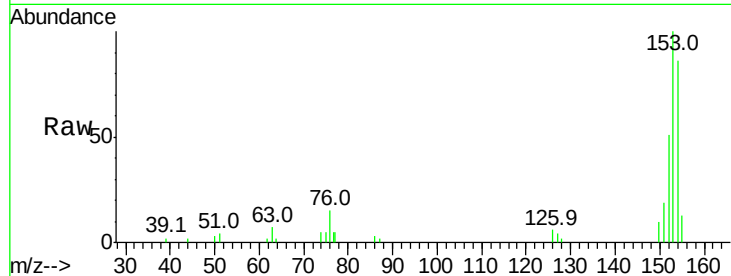
#50
Acenaphthene
Concen: 3.86 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Instrument :
BNA_G
ClientSampleId :
D9N47

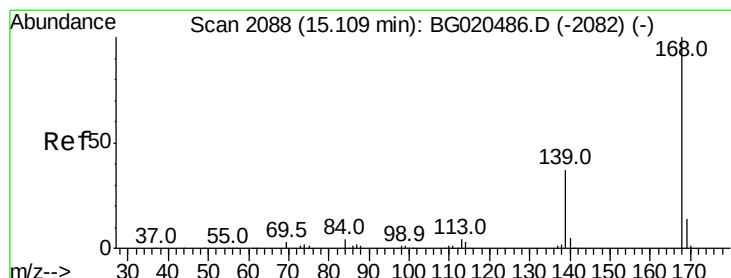
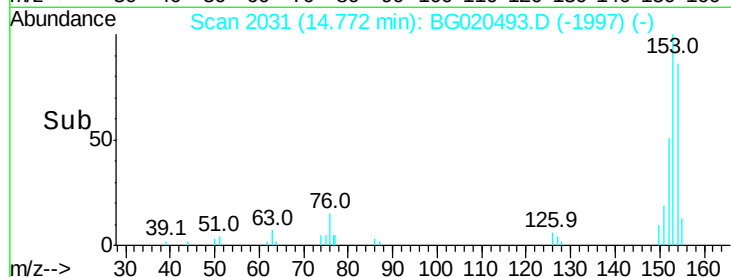
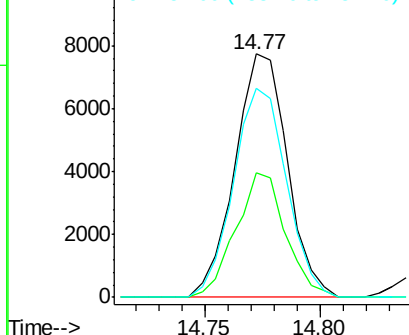
Tot Ion	Ratio	Lower	Upper
153	100		
152	51.1	37.6	56.4
154	85.9	67.9	101.9

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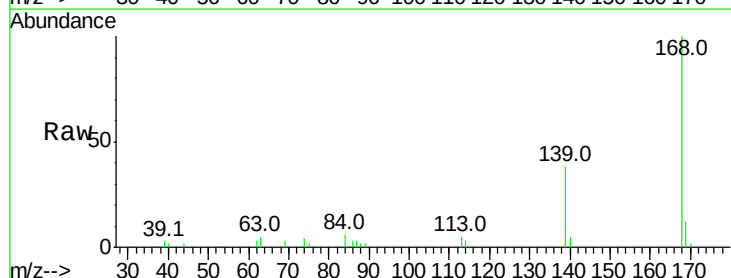


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

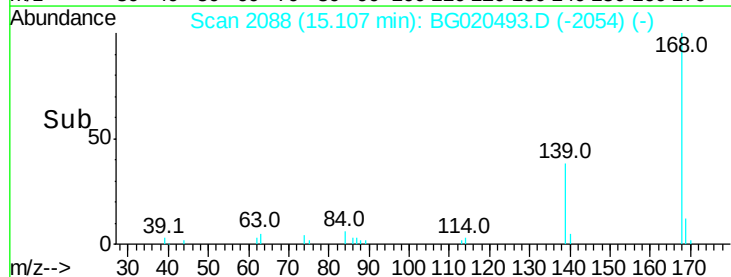
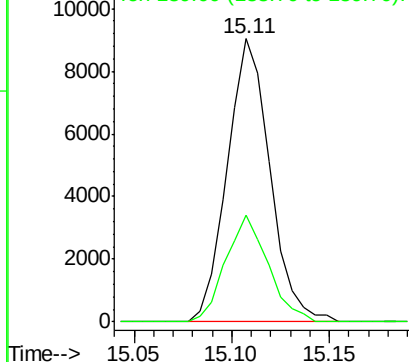


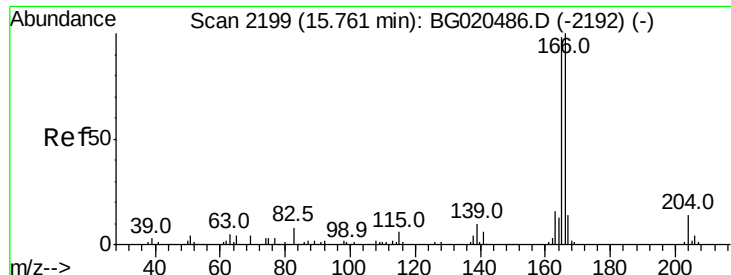
#54
Dibenzofuran
Concen: 2.90 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.5	45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





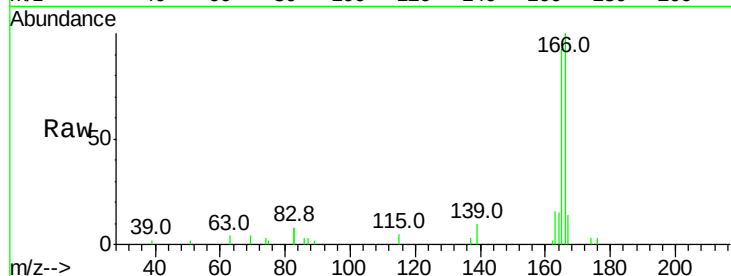
#59
Fluorene
Concen: 3.49 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

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D9N47

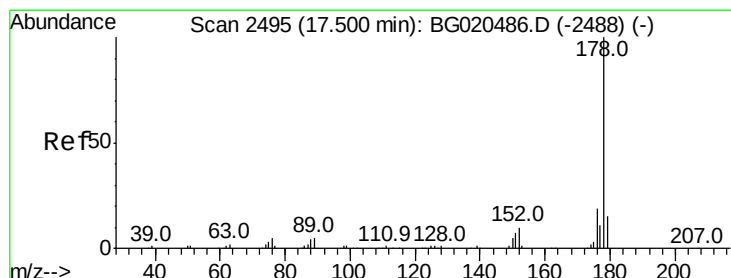
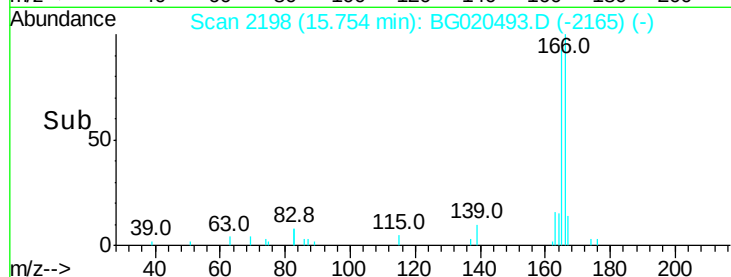
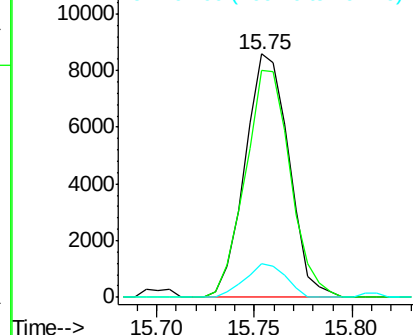
Tot Ion	Ratio	Resp	Lower	Upper
166	100	13360		
165	93.4	81.4	122.0	
167	14.0	11.2	16.8	

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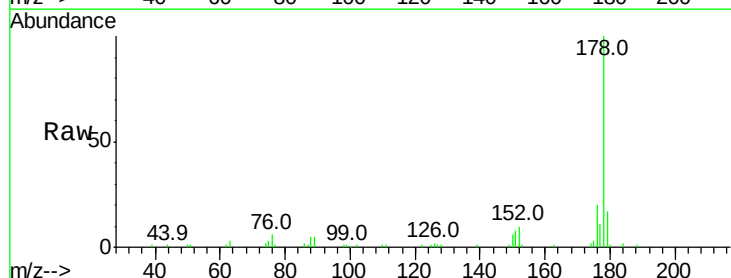


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

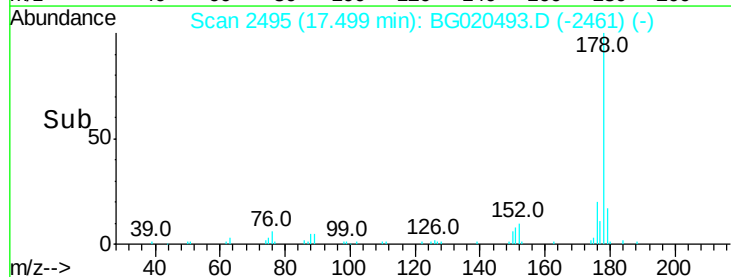
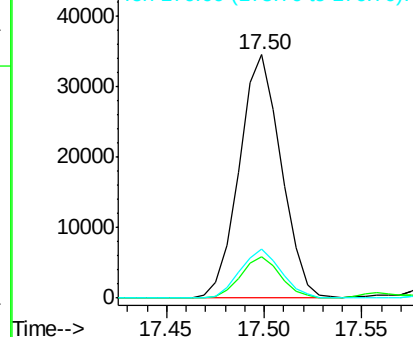


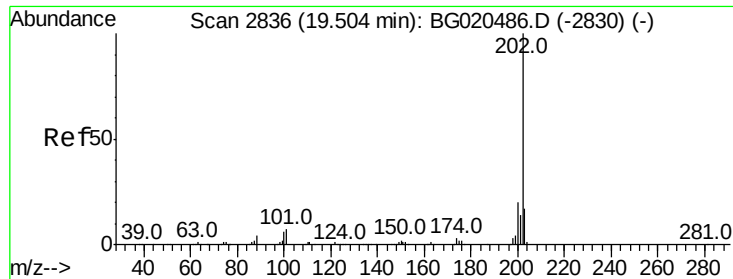
#70
Phenanthrene
Concen: 7.32 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	51297		
179	17.0	12.9	19.3	
176	20.1	15.3	22.9	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#77
 Fluoranthene
 Concen: 1.30 ng/ul
 RT: 19.50 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: BG020493.D
 Acq: 25 Dec 2015 4:23

Instrument :
 BNA_G
 ClientSampleId :
 D9N47

Tot Ion:	202	Resp:	11504
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.2	9.4
100	5.7	5.1	7.7

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