

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020494.D
 Acq On : 25 Dec 2015 5:03
 Operator : UM/SJ
 Sample : G4846-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Manual Integrations
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Sohil
 12/28/2015 6:03:45 PM

Quant Time: Dec 25 08:08:00 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	47312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	212595	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.72	164	146637	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	349305	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	437568	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	425535	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	518	0.60	ng/uL	0.00
5) Phenol-d5	7.24	99	10763	2.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	29245	13.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31078	10.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21907	6.86	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	21592	12.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	24625	13.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43338	11.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	2196	0.52	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	155646	12.88	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	180795	12.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4863	2.41	ng/ul	0.00
58) Fluorene-d10	15.70	176	143073	13.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24053	10.39	ng/ul	0.00
71) Anthracene-d10	17.56	188	219258	13.40	ng/ul	0.00
79) Pyrene-d10	19.84	212	258518	13.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	299666	13.93	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	11.00	128	5269826	466.30	ng/ul#	63
34) 2-Methylnaphthalene	12.56	142	1061663	126.96	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	356374	31.49	ng/ul	97
48) Acenaphthylene	14.44	152	193553	13.15	ng/ul	98
50) Acenaphthene	14.79	153	1478540	148.58	ng/ul	93
54) Dibenzofuran	15.12	168	1229755	83.06	ng/ul	95
59) Fluorene	15.77	166	991227	82.62	ng/ul	96
70) Phenanthrene	17.51	178	1871112m	96.27	ng/ul	
72) Anthracene	17.60	178	157756m	7.94	ng/ul	
75) Carbazole	17.88	167	1259209	75.18	ng/ul	94
77) Fluoranthene	19.51	202	434899	17.79	ng/ul	97
80) Pyrene	19.87	202	264347	10.68	ng/ul	98

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

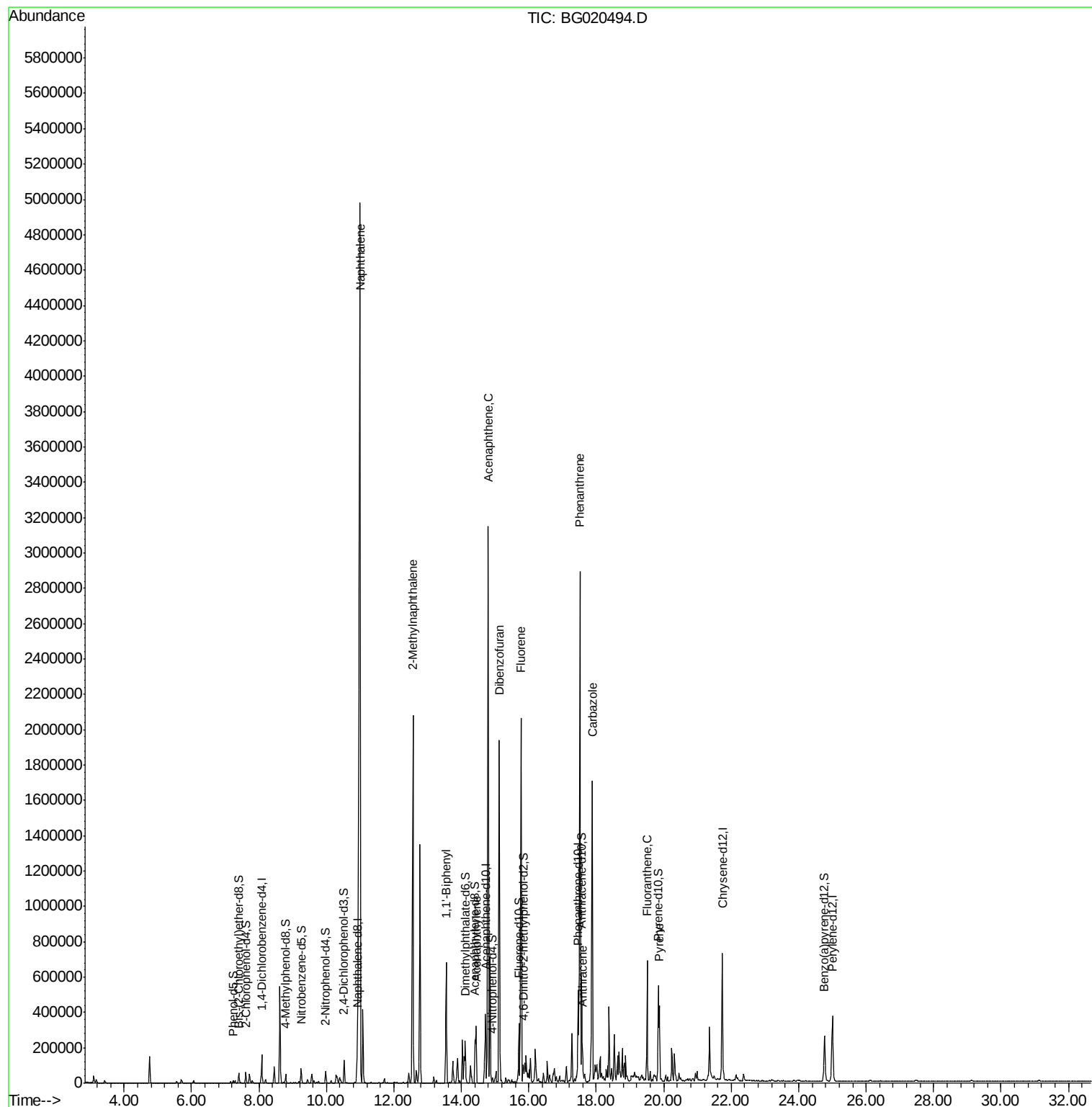
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020494.D
Acq On : 25 Dec 2015 5:03
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ALS Vial : 21 Sample Multiplier: 1

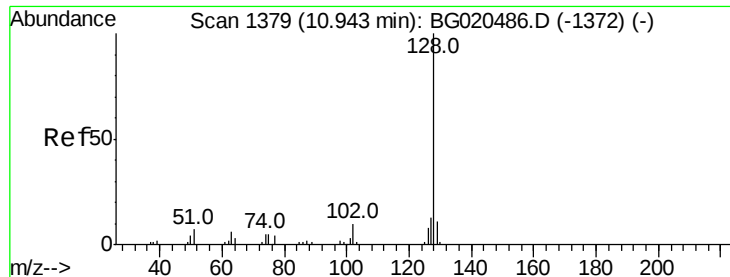
Instrument :
BNA_G
ClientSampleId :
D9N48

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Quant Time: Dec 25 08:08:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
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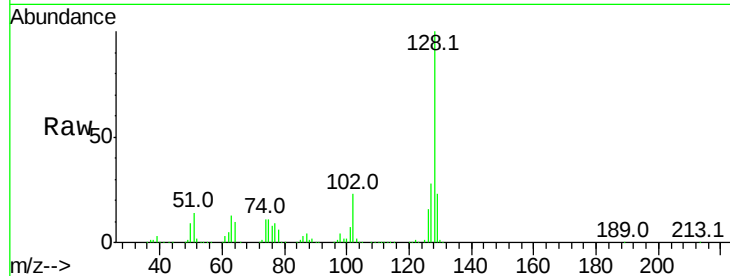
#28
Naphthalene
Concen: 466.30 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. 0.06 min
Lab File: BG020494.D
Acq: 25 Dec 2015 5:03

Instrument :
BNA_G
ClientSampleId :
D9N48

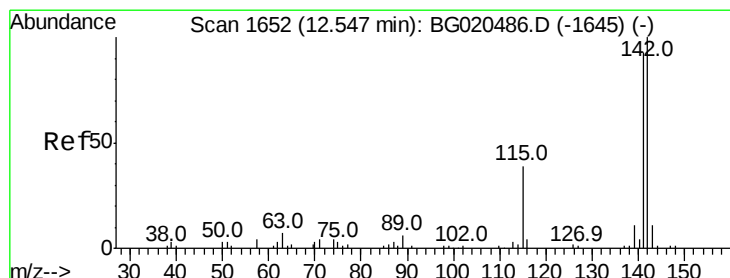
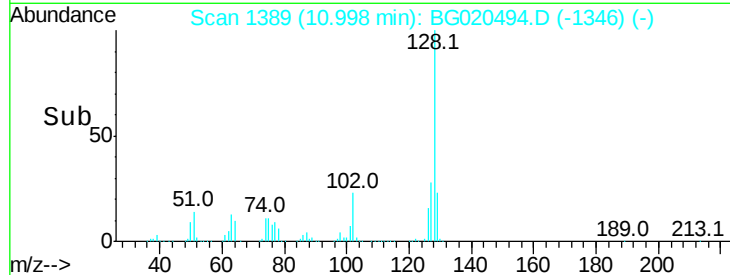
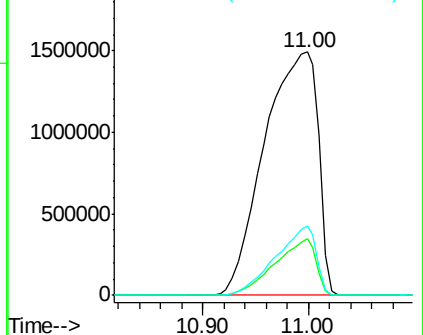
Tot Ion:128 Resp: 5269826
Ion Ratio Lower Upper
128 100
129 23.1 8.6 12.8#
127 28.3 10.1 15.1#

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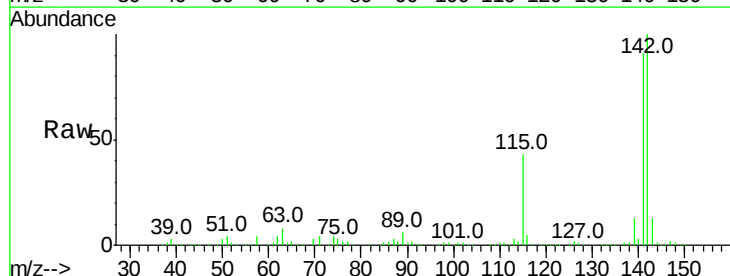


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

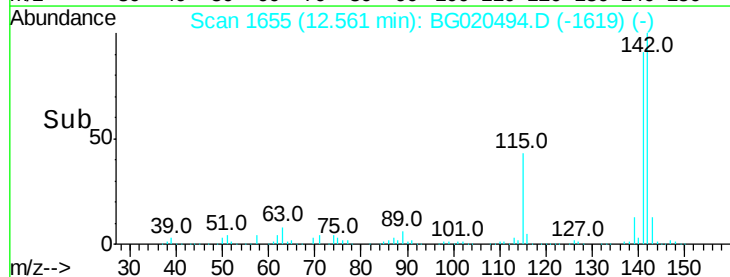
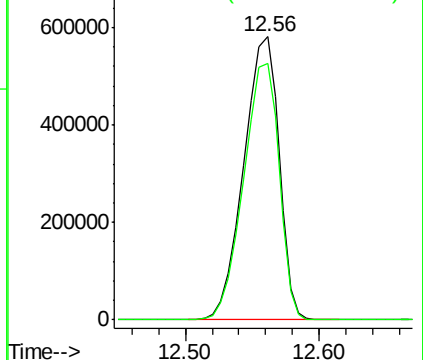


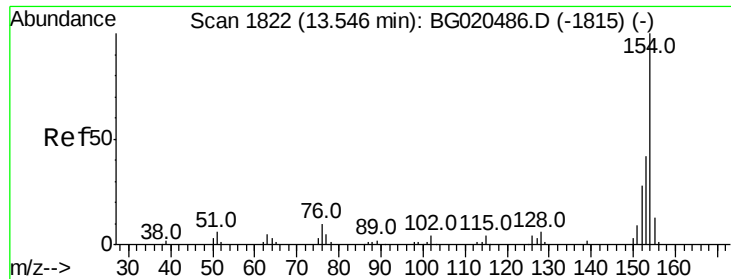
#34
2-Methylnaphthalene
Concen: 126.96 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BG020494.D
Acq: 25 Dec 2015 5:03

Tgt Ion:142 Resp: 1061663
Ion Ratio Lower Upper
142 100
141 90.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





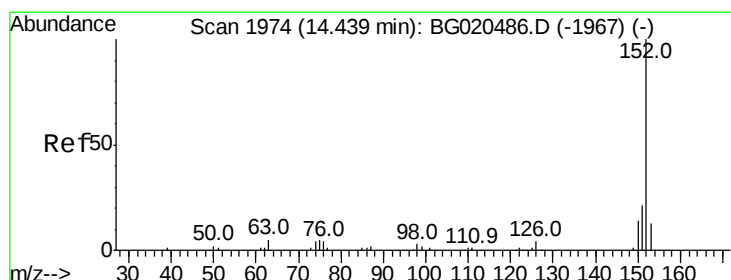
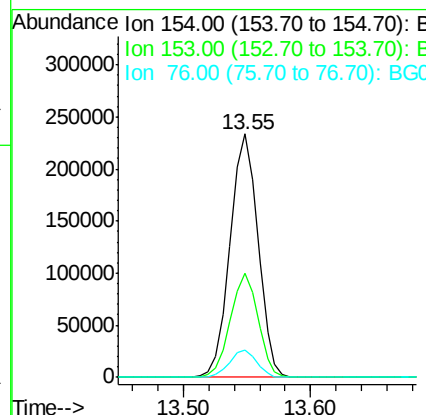
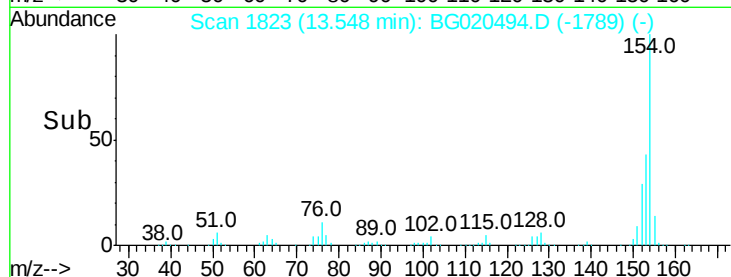
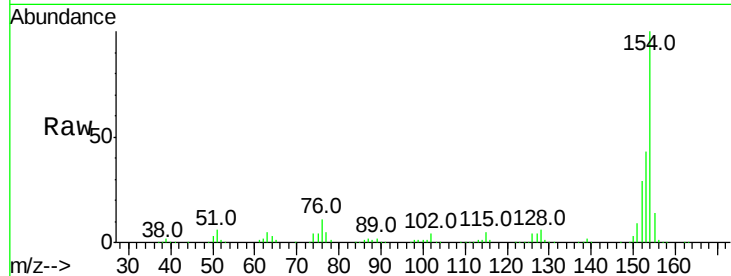
#41
 1,1'-Biphenyl
 Concen: 31.49 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020494.D
 Acq: 25 Dec 2015 5:03

Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	35.5	53.3
76	11.0	10.4	15.6

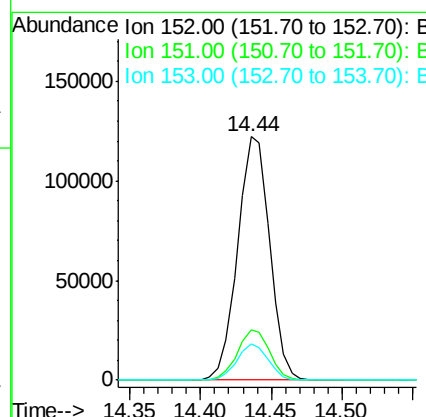
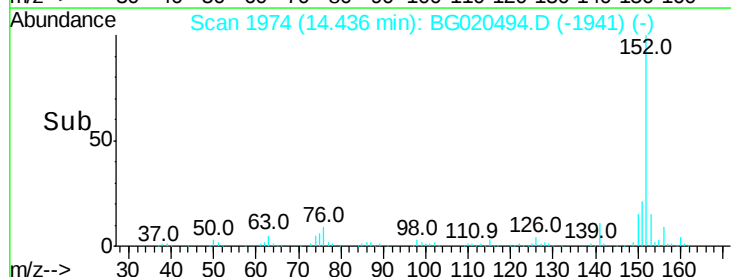
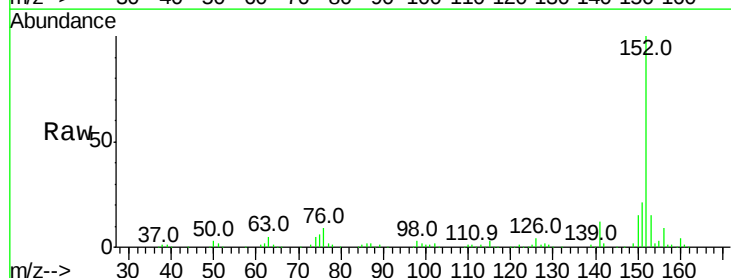
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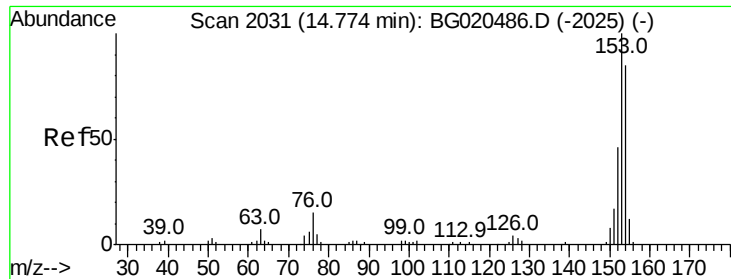
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#48
 Acenaphthylene
 Concen: 13.15 ng/ul
 RT: 14.44 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG020494.D
 Acq: 25 Dec 2015 5:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	14.8	10.4	15.6





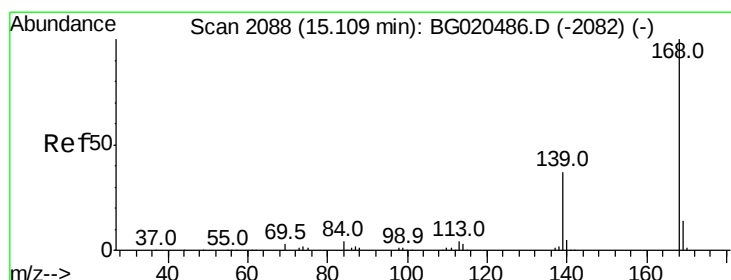
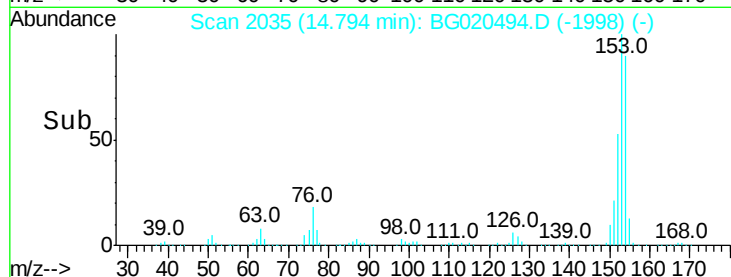
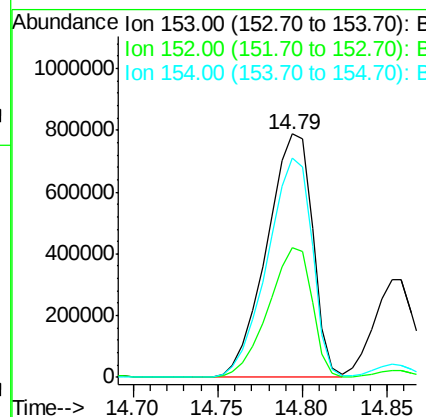
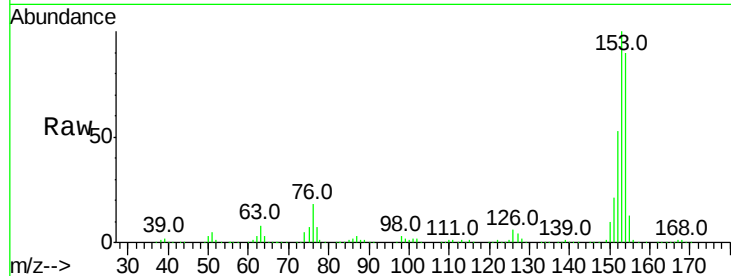
#50
Acenaphthene
Concen: 148.58 ng/ul
RT: 14.79 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BG020494.D
Acq: 25 Dec 2015 5:03

Instrument :
BNA_G
ClientSampleId :
D9N48

Tot Ion:153 Resp: 1478540
Ion Ratio Lower Upper
153 100
152 53.4 37.6 56.4
154 90.3 67.9 101.9

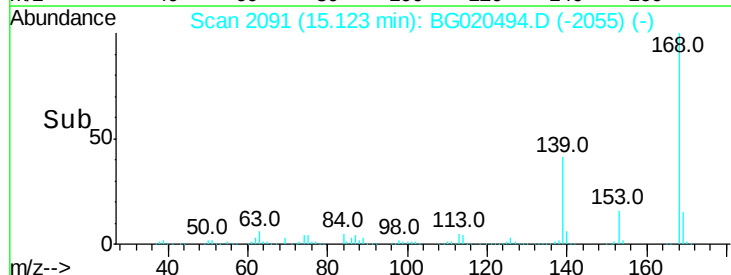
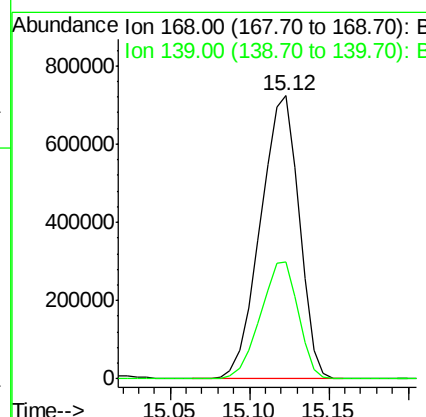
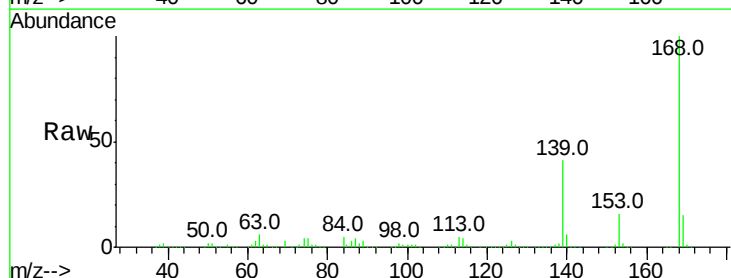
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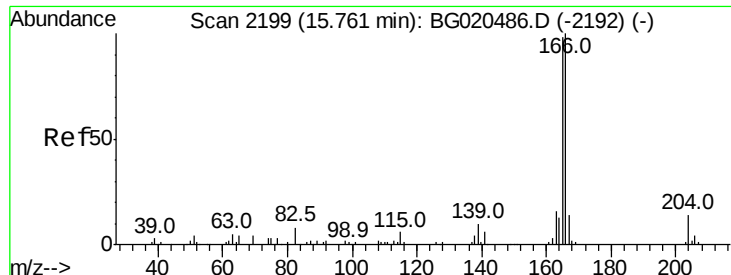
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#54
Dibenzofuran
Concen: 83.06 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG020494.D
Acq: 25 Dec 2015 5:03

Tgt Ion:168 Resp: 1229755
Ion Ratio Lower Upper
168 100
139 41.2 30.5 45.7





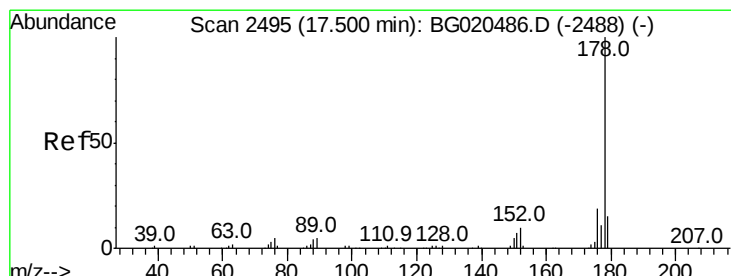
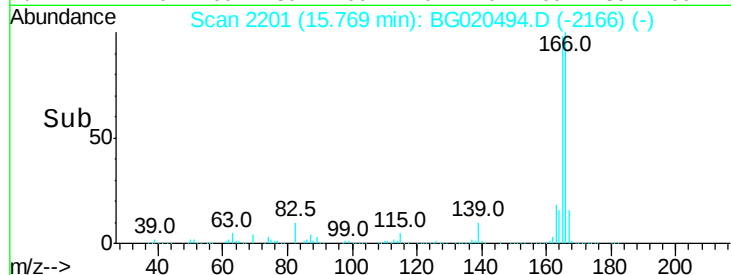
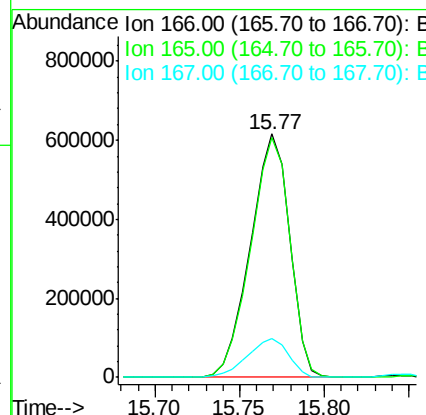
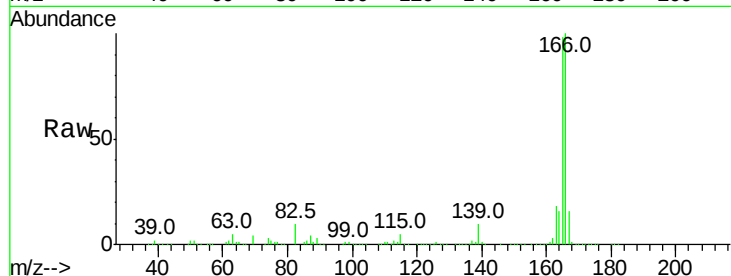
#59
 Fluorene
 Concen: 82.62 ng/ul
 RT: 15.77 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BG020494.D
 Acq: 25 Dec 2015 5:03

Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Tot Ion	Ratio	Resp	Lower	Upper
166	100	991227		
165	98.3	81.4	122.0	
167	15.9	11.2	16.8	

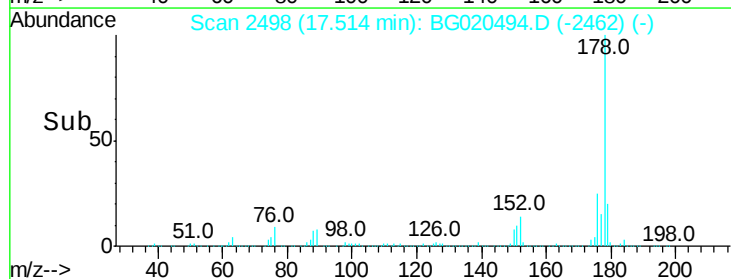
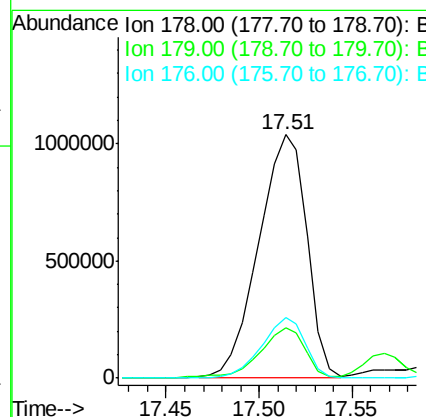
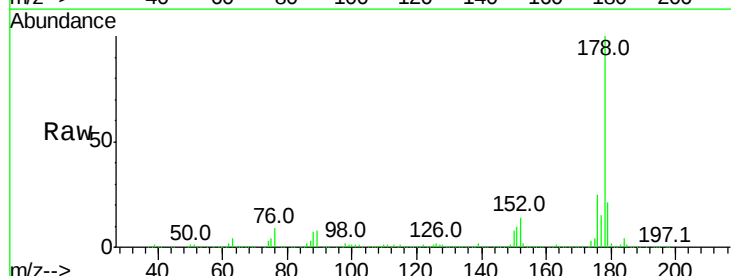
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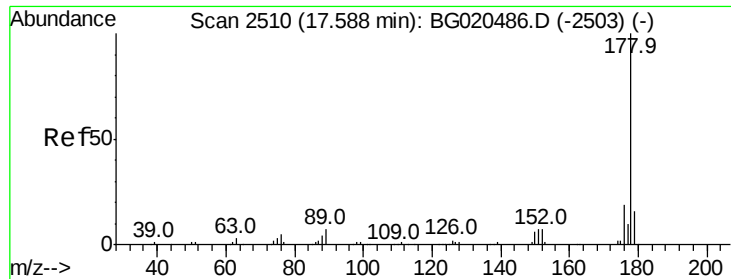
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#70
 Phenanthrene
 Concen: 96.27 ng/ul m
 RT: 17.51 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BG020494.D
 Acq: 25 Dec 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1871112		
179	20.5	12.9	19.3#	
176	25.0	15.3	22.9#	





#72

Anthracene

Concen: 7.94 ng/ul m

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG020494.D

Acq: 25 Dec 2015 5:03

Instrument :

BNA_G

ClientSampleId :

D9N48

Tot Ion:178 Resp: 157756

Ion Ratio Lower Upper

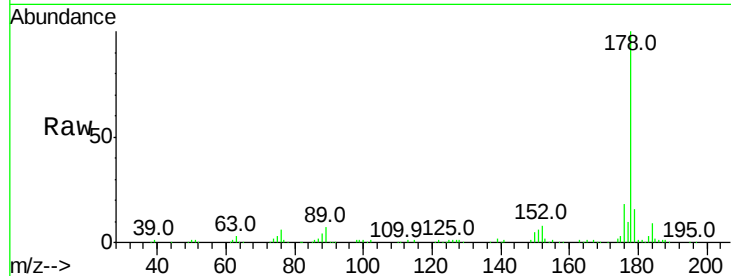
178 100

179 15.7 12.3 18.5

176 18.0 14.3 21.5

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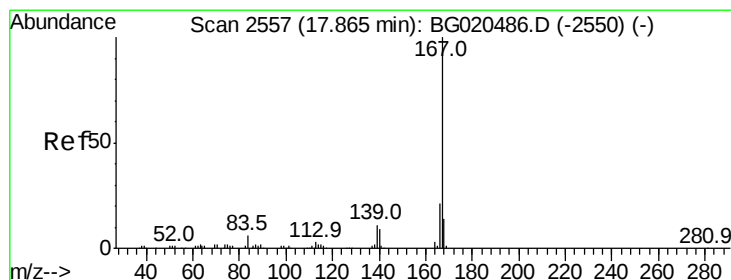
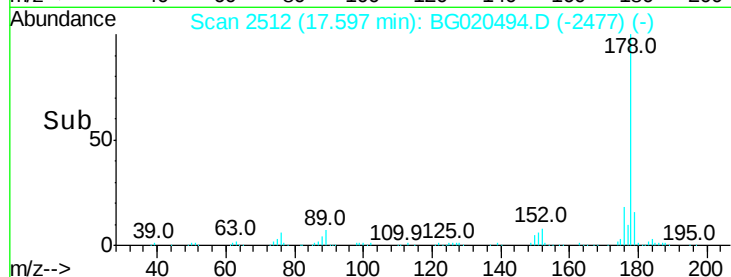
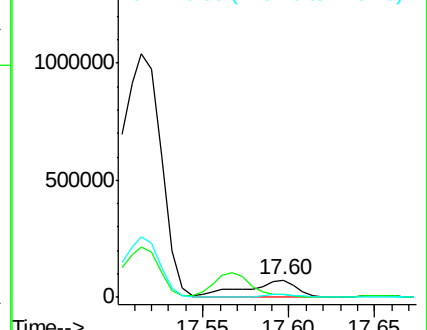
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 75.18 ng/ul

RT: 17.88 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BG020494.D

Acq: 25 Dec 2015 5:03

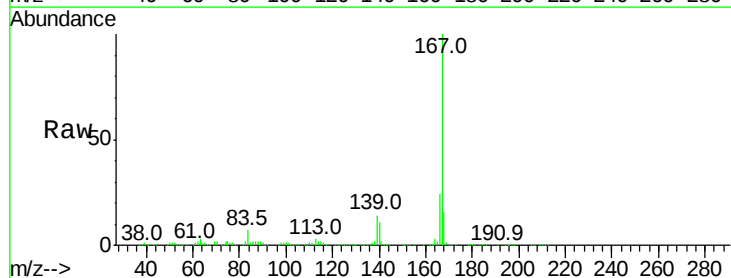
Tgt Ion:167 Resp: 1259209

Ion Ratio Lower Upper

167 100

166 24.4 17.0 25.6

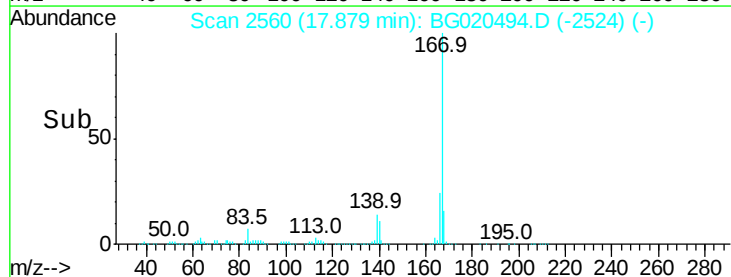
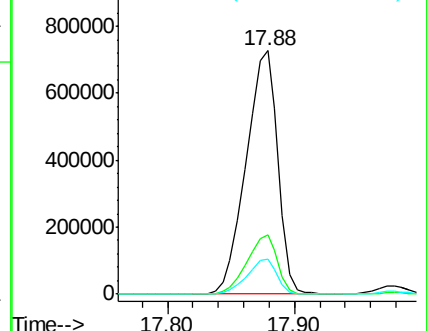
139 14.3 10.1 15.1

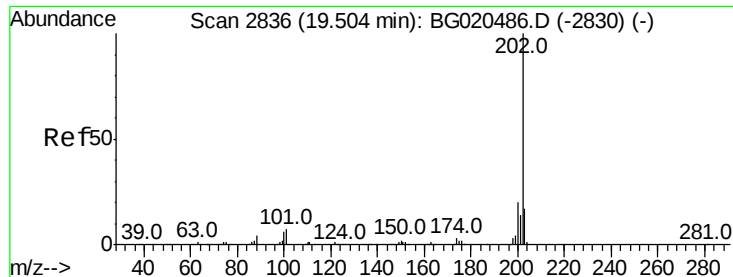


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 17.79 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG020494.D

Acq: 25 Dec 2015 5:03

Instrument :

BNA_G

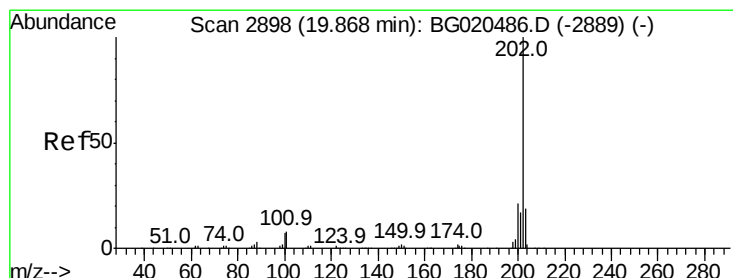
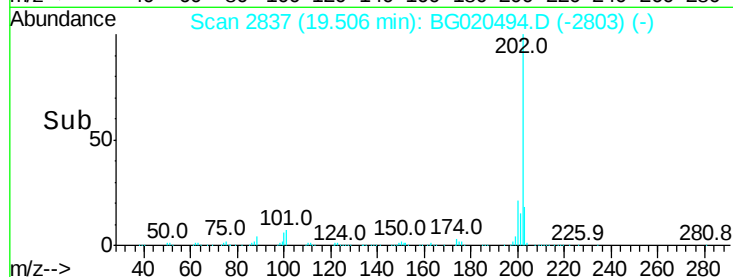
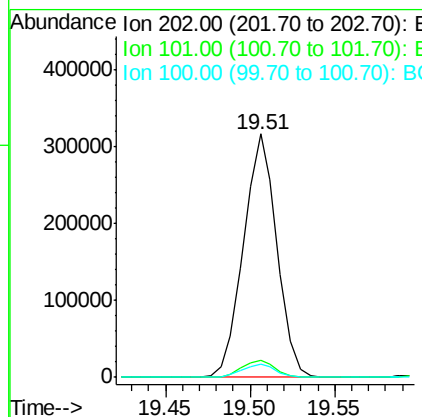
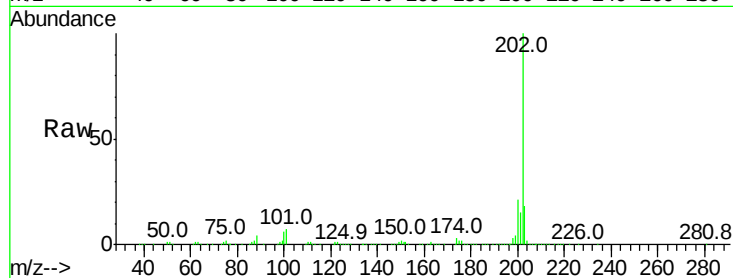
ClientSampleId :

D9N48

Tot Ion:	202	Resp:	434899
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.2	9.4
100	5.6	5.1	7.7

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#80

Pyrene

Concen: 10.68 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG020494.D

Acq: 25 Dec 2015 5:03

Tgt Ion:	202	Resp:	264347
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.0	10.4
100	6.9	6.4	9.6

