

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110515\
 Data File : BG019485.D
 Acq On : 5 Nov 2015 10:20
 Operator : UM/NP
 Sample : G4245-06DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY33DL

Manual Integrations
 APPROVED

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 11/6/2015 3:43:06 PM

Quant Time: Nov 23 07:08:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	32259	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	140921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	115455	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	308754	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	393183	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	375588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	539	0.80	ng/uL	0.00
5) Phenol-d5	7.33	99	7847	2.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	30695	16.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	21511	11.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	16586	7.03	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	16110	15.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	18465	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	35639	13.36	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.21	166	154841	16.27	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	171951	16.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	4085	2.70	ng/ul	0.00
58) Fluorene-d10	15.80	176	136515	15.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	28111	14.07	ng/ul	0.00
71) Anthracene-d10	17.65	188	236976	16.84	ng/ul	0.00
79) Pyrene-d10	19.92	212	280397	16.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	313894	16.65	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	11.06	128	26301	3.73 ng/ul#	91
41) 1,1'-Biphenyl	13.65	154	263257	32.26 ng/ul#	96
50) Acenaphthene	14.88	153	382018	52.38 ng/ul	96
54) Dibenzofuran	15.21	168	698467	65.03 ng/ul	94
59) Fluorene	15.85	166	83688	8.93 ng/ul#	96
70) Phenanthrene	17.59	178	270616	17.37 ng/ul	98
72) Anthracene	17.69	178	55408	3.49 ng/ul	96
75) Carbazole	17.95	167	527508	41.62 ng/ul	97
77) Fluoranthene	19.59	202	102372	5.07 ng/ul#	97
80) Pyrene	19.95	202	55376	2.51 ng/ul#	93

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

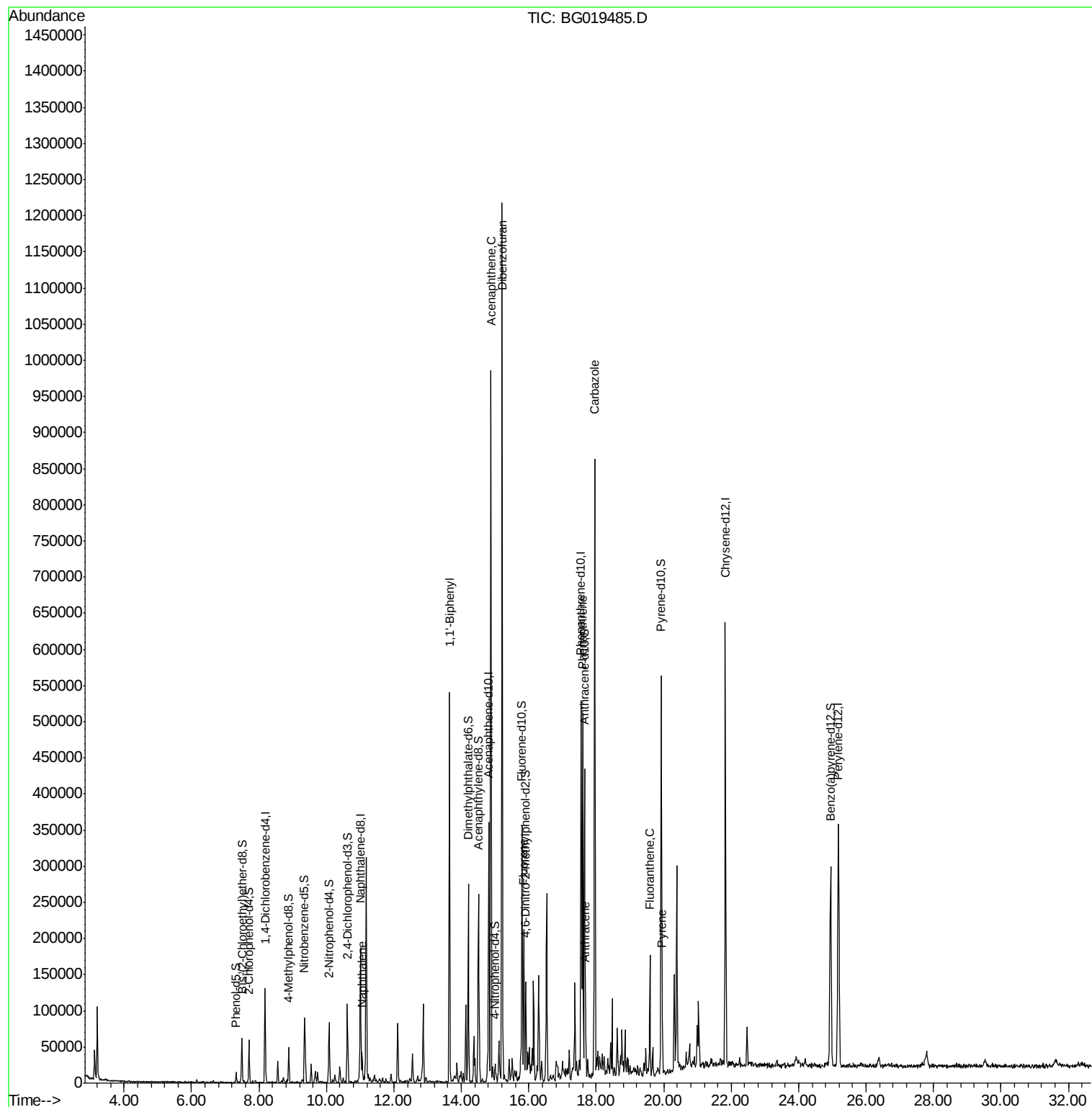
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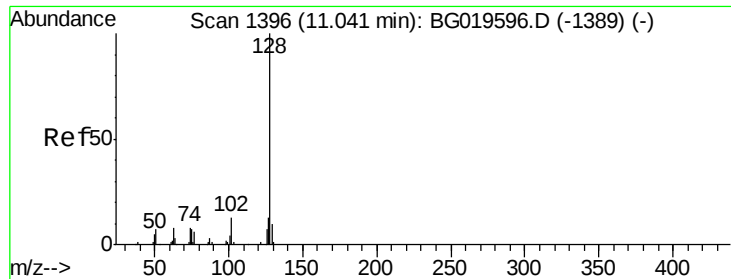
Instrument :
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Response via : Initial Calibration





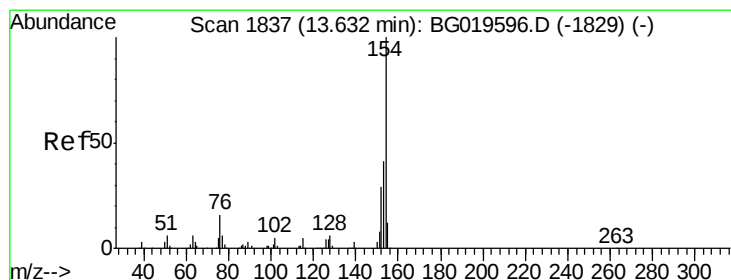
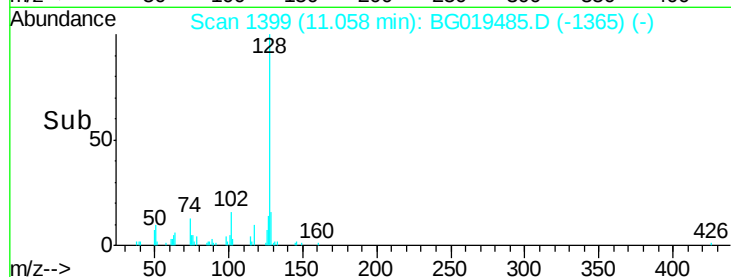
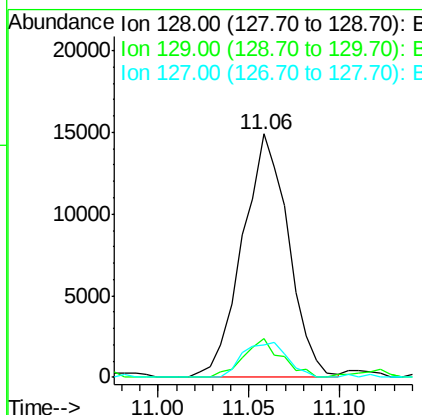
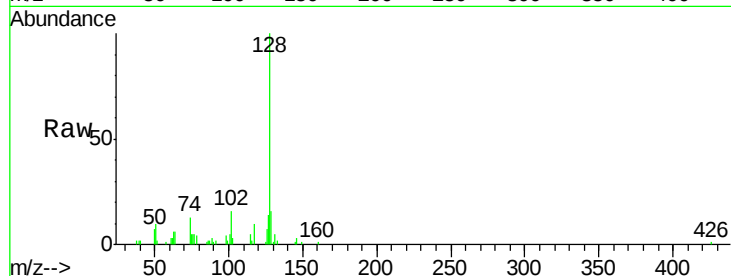
#28
Naphthalene
Concen: 3.73 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG019485.D
Acq: 5 Nov 2015 10:20

Instrument :
BNA_G
ClientSampleId :
BCY33DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.2	8.9	13.3#
127	13.5	13.1	19.7

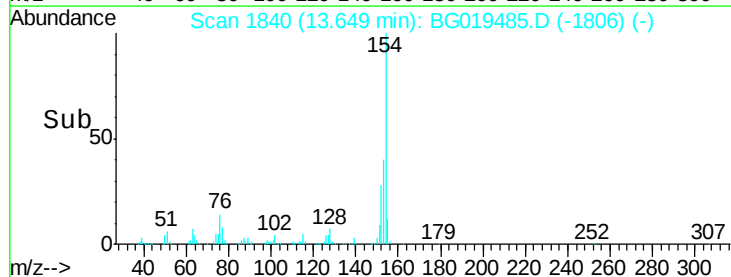
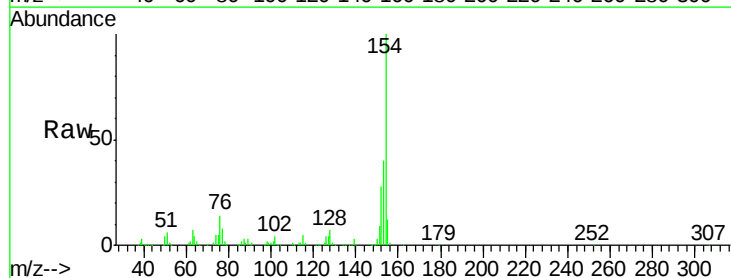
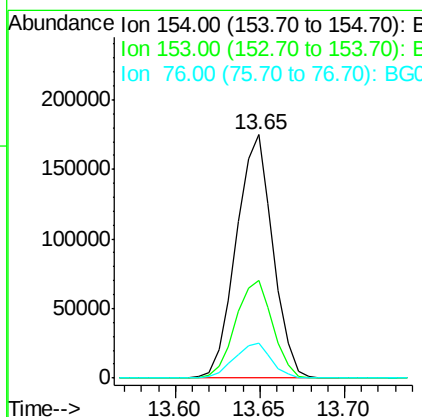
Manual Integrations
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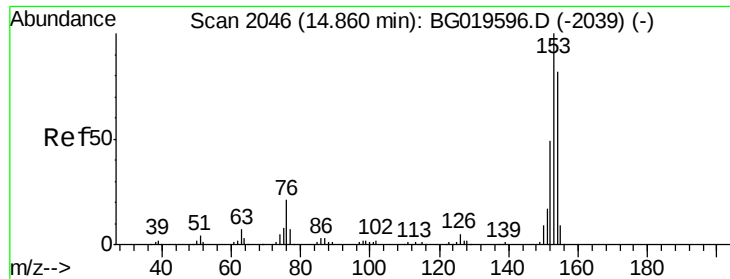
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#41
1,1'-Biphenyl
Concen: 32.26 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG019485.D
Acq: 5 Nov 2015 10:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.8	49.2
76	14.3	7.7	11.5#





#50

Acenaphthene

Concen: 52.38 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

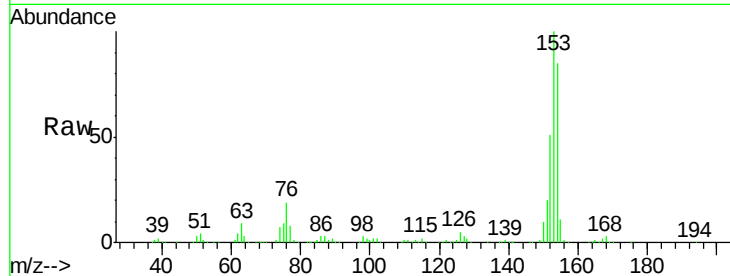
ClientSampleId :

BCY33DL

Tgt Ion:	153	Resp:	382018
Ion Ratio	Lower	Upper	
153	100		
152	51.3	38.8	58.2
154	85.0	71.5	107.3

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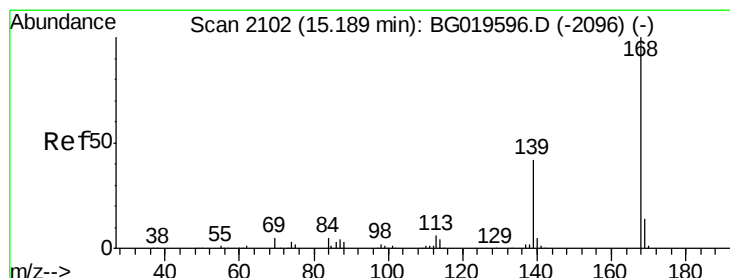
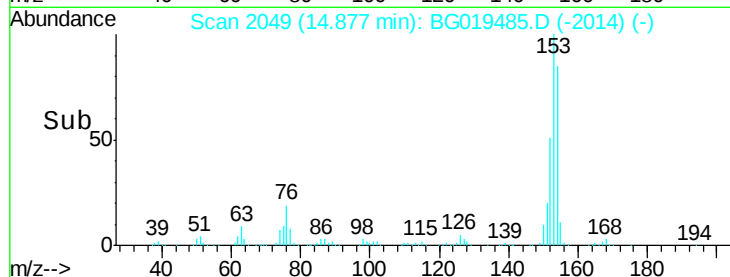
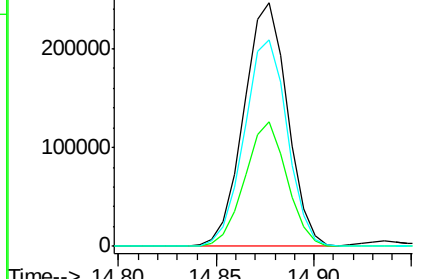
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 65.03 ng/ul

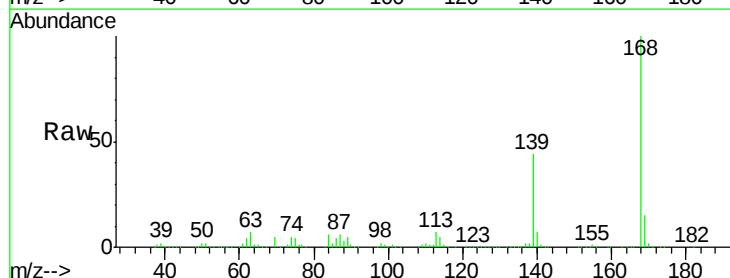
RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019485.D

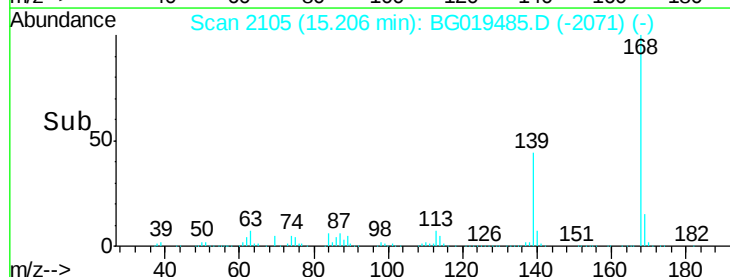
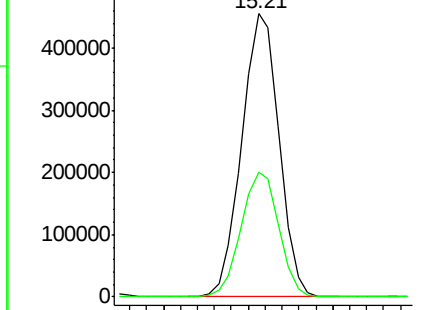
Acq: 5 Nov 2015 10:20

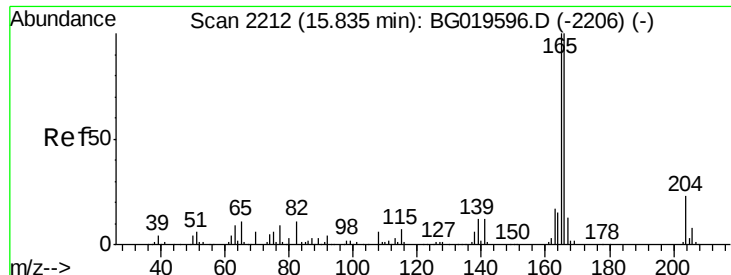
Tgt Ion:	168	Resp:	698467
Ion Ratio	Lower	Upper	
168	100		
139	44.1	32.4	48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 8.93 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

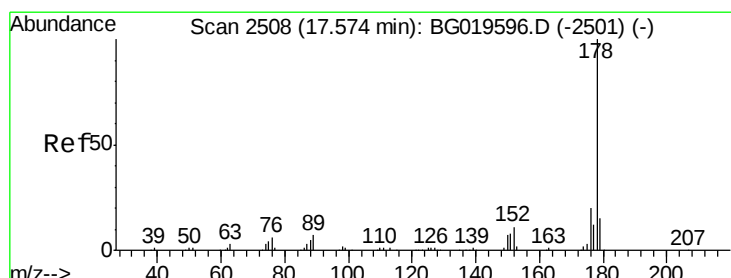
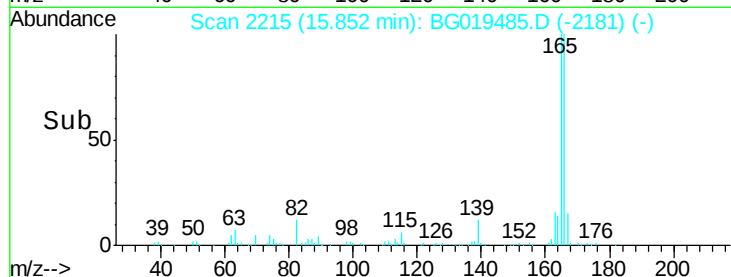
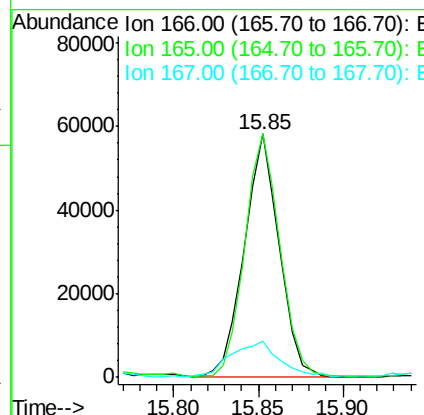
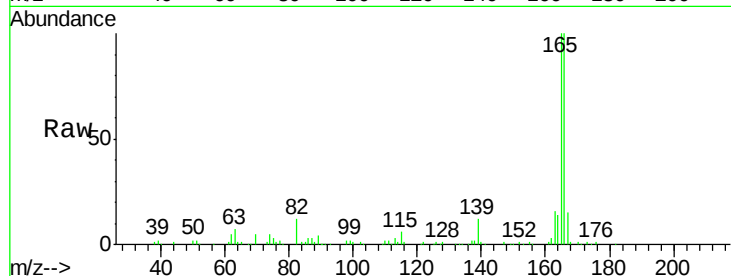
ClientSampleId :

BCY33DL

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	77.6	116.4	
167	15.1	9.6	14.4	



#70

Phenanthrene

Concen: 17.37 ng/ul

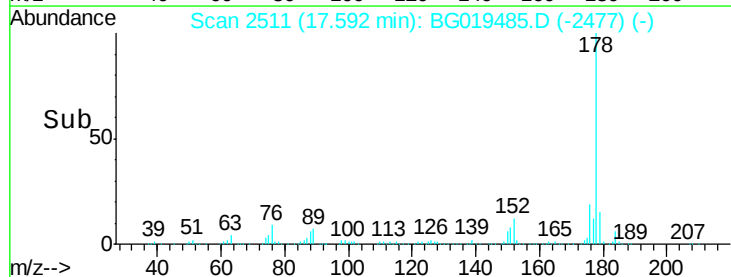
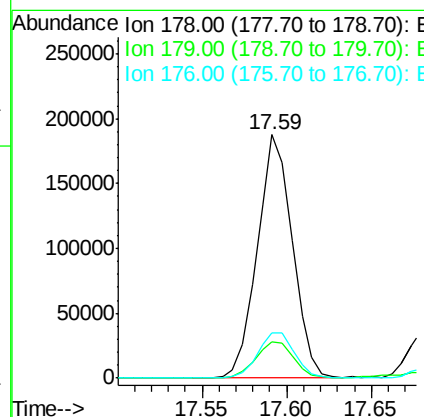
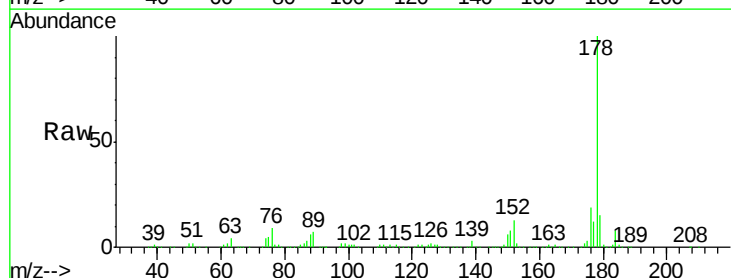
RT: 17.59 min Scan# 2511

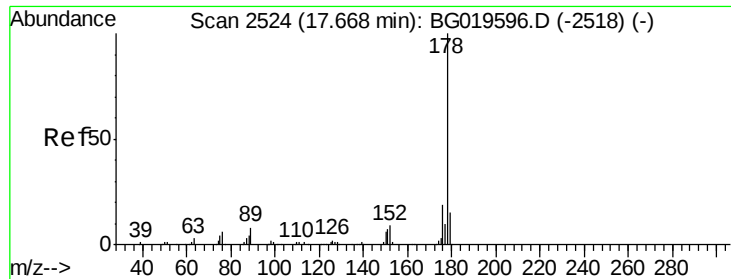
Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	15.1	12.6	18.8	
176	18.8	14.3	21.5	





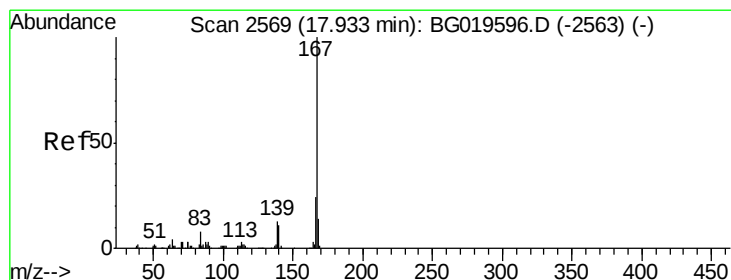
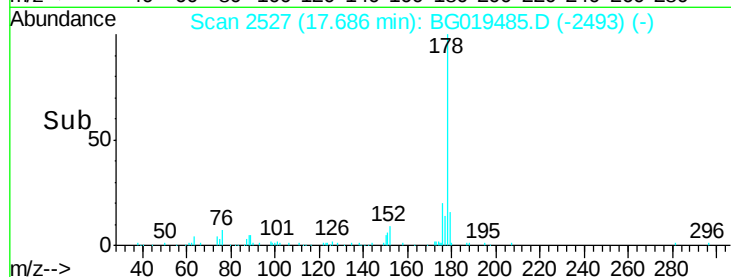
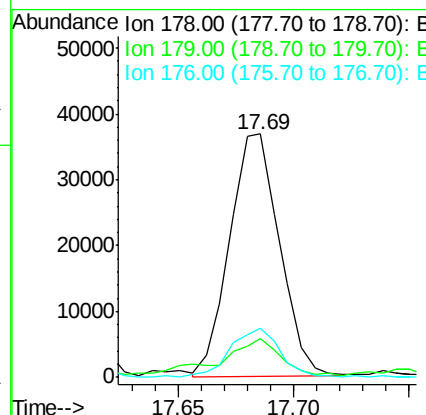
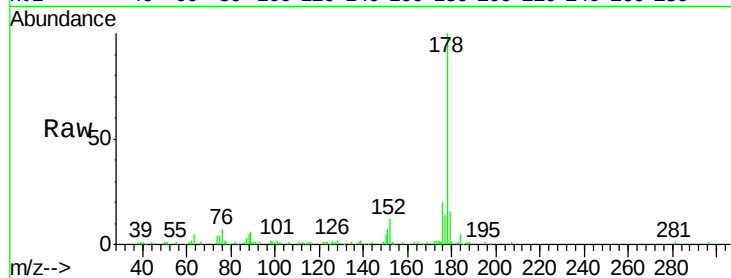
#72
 Anthracene
 Concen: 3.49 ng/ul
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

Instrument :
 BNA_G
 ClientSampleId :
 BCY33DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.6	17.4
176	20.0	14.2	21.4

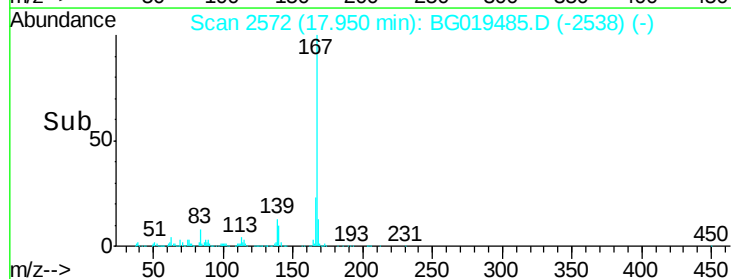
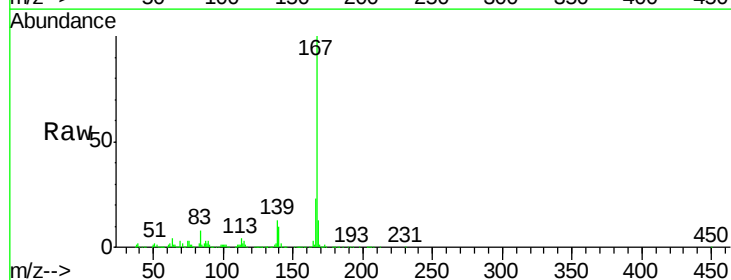
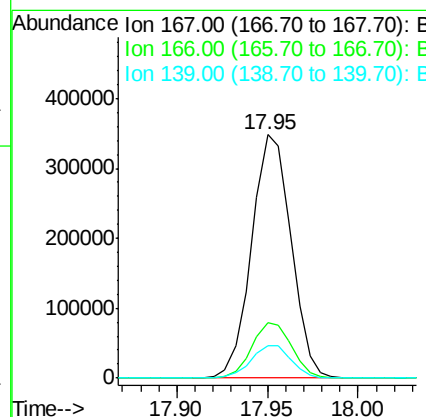
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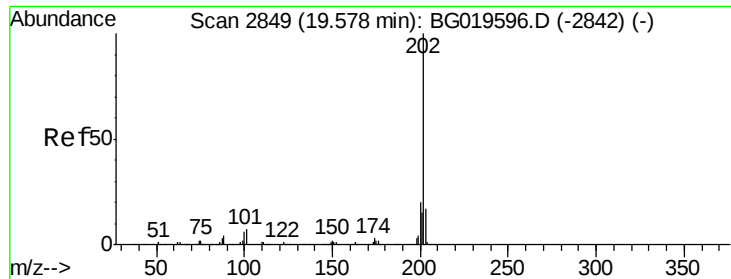
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#75
 Carbazole
 Concen: 41.62 ng/ul
 RT: 17.95 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.8	25.2
139	13.3	9.8	14.6





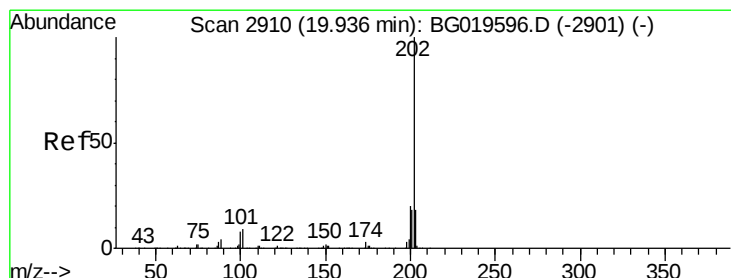
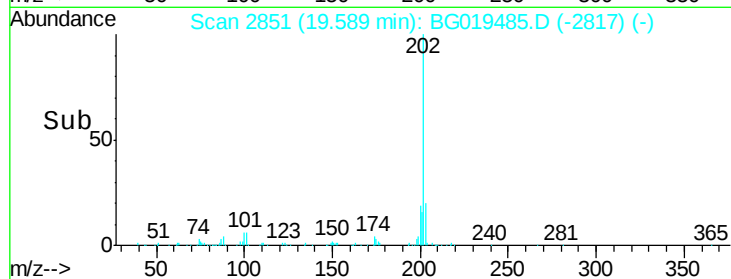
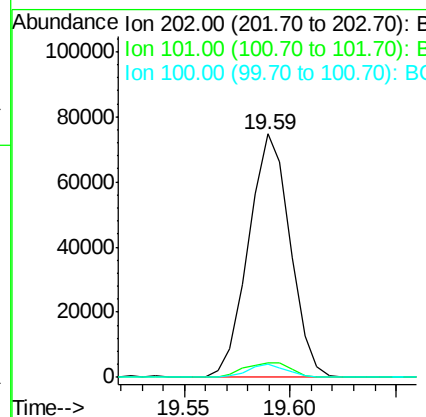
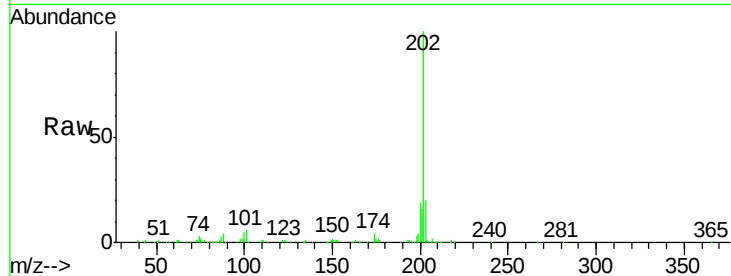
#77
Fluoranthene
 Concen: 5.07 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.0	4.0	6.0#
100	5.5	3.6	5.4#

Manual Integrations
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#80
Pyrene
 Concen: 2.51 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.5	4.3	6.5#
100	7.4	3.6	5.4#

