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 Data File : BG032123.D
 Acq On : 18 Jan 2018 5:13
 Operator : SJ/JU
 Sample : J1144-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-5

Quant Time: Jan 18 07:09:46 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

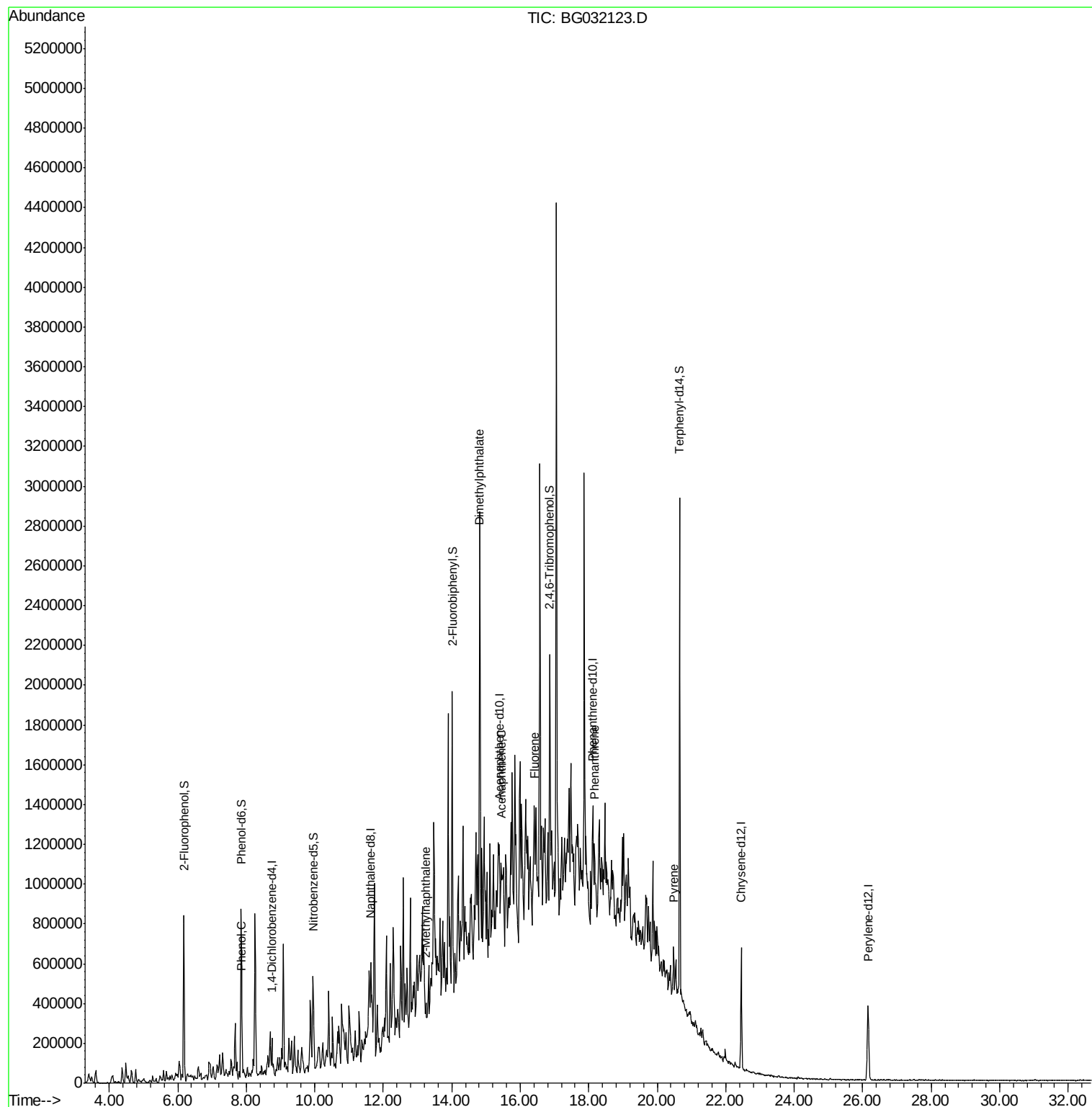
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	63067	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	235695	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	157651	20.00	ng	-0.02
63) Phenanthrene-d10	18.12	188	350850	20.00	ng	-0.02
75) Chrysene-d12	22.45	240	458252	20.00	ng	-0.03
86) Perylene-d12	26.15	264	502824	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	376190	109.09	ng	-0.02
7) Phenol-d6	7.85	99	455485	104.88	ng	-0.02
23) Nitrobenzene-d5	9.94	82	283692	81.43	ng	-0.03
41) 2,4,6-Tribromophenol	16.87	330	274928	105.39	ng	-0.01
44) 2-Fluorobiphenyl	14.01	172	828782	65.19	ng	-0.02
78) Terphenyl-d14	20.66	244	1355420	65.31	ng	-0.02
Target Compounds						
10) Phenol	7.88	94	17816	4.164	ng	# 70
37) 2-Methylnaphthalene	13.25	142	29860	3.221	ng	# 81
49) Dimethylphthalate	14.81	163	114622	8.308	ng	# 77
51) Acenaphthene	15.45	154	33990	3.211	ng	# 76
57) Fluorene	16.42	166	108637	8.387	ng	# 86
70) Phenanthrene	18.16	178	200892	10.284	ng	# 92
77) Pyrene	20.48	202	77321	2.684	ng	# 78

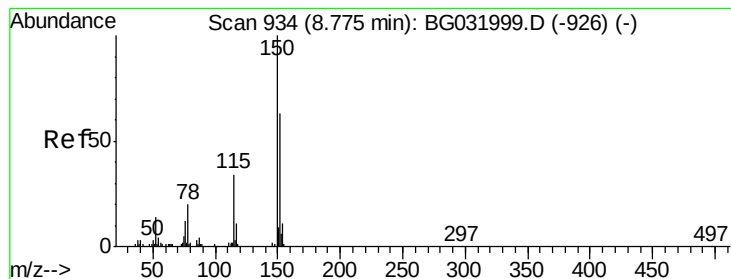
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

Instrument :

BNA_G

ClientSampleId :

DS-5

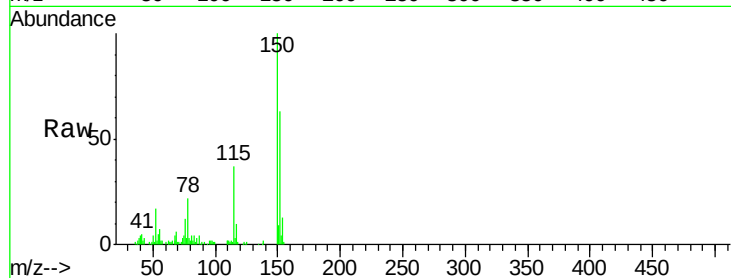
Tgt Ion:152 Resp: 63067

Ion Ratio Lower Upper

152 100

150 158.6 126.6 189.8

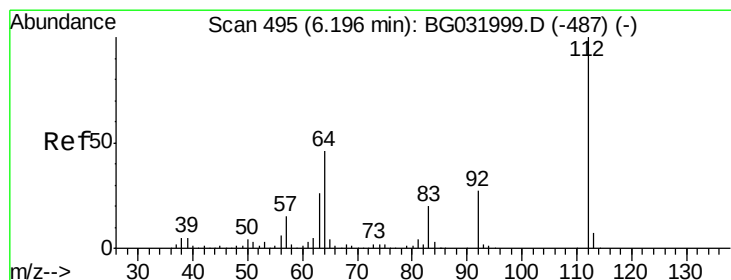
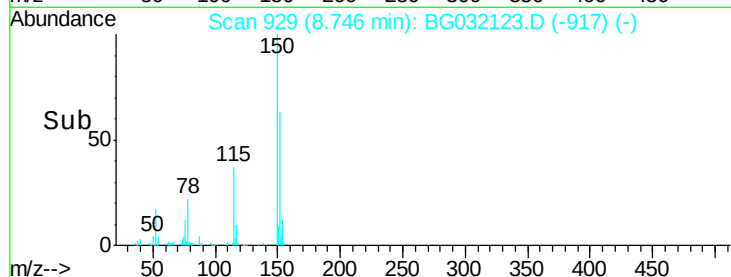
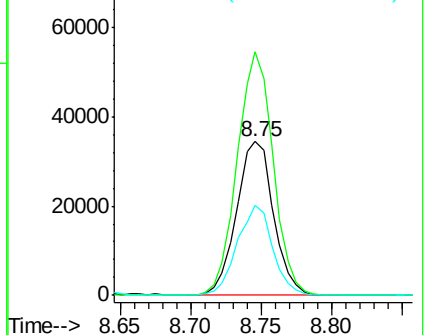
115 58.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 109.095 ng

RT: 6.18 min Scan# 492

Delta R.T. -0.02 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

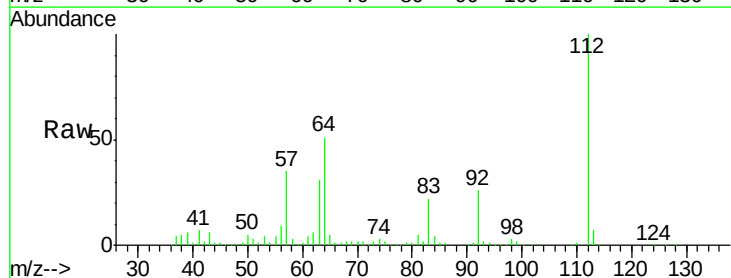
Tgt Ion:112 Resp: 376190

Ion Ratio Lower Upper

112 100

64 51.3 56.3 84.5#

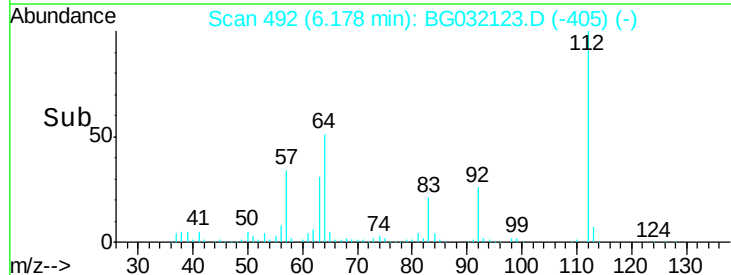
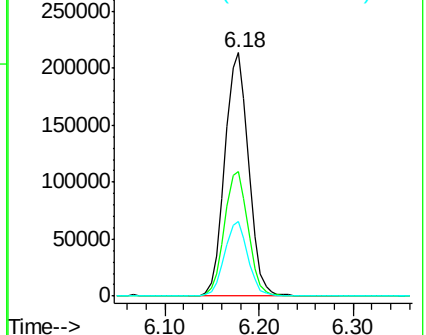
63 30.9 30.1 45.1

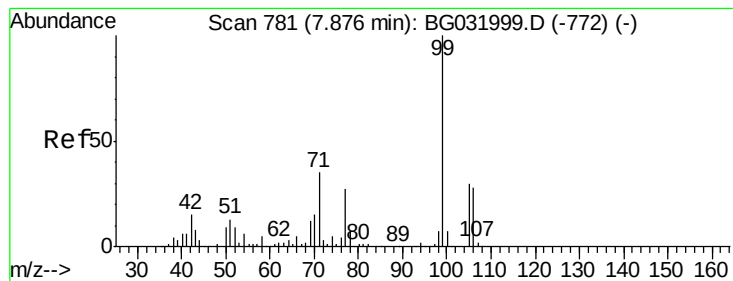


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.880 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

Instrument :

BNA_G

ClientSampleId :

DS-5

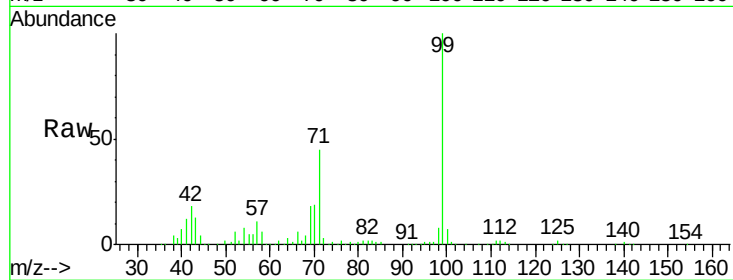
Tgt Ion: 99 Resp: 455485

Ion Ratio Lower Upper

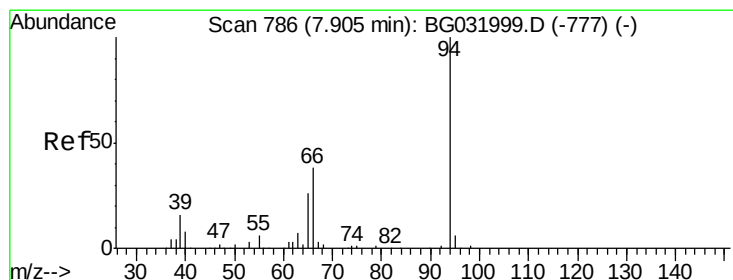
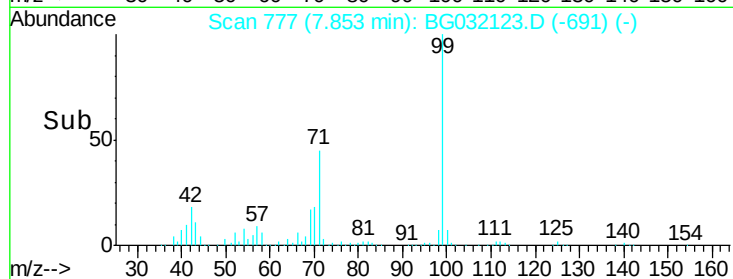
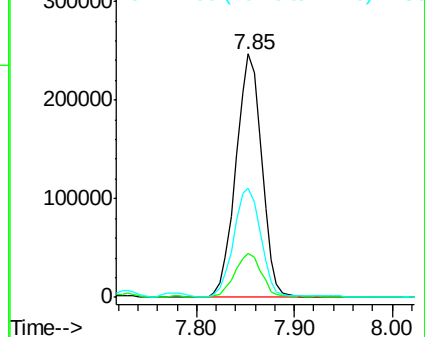
99 100

42 18.3 14.1 21.1

71 45.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.164 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

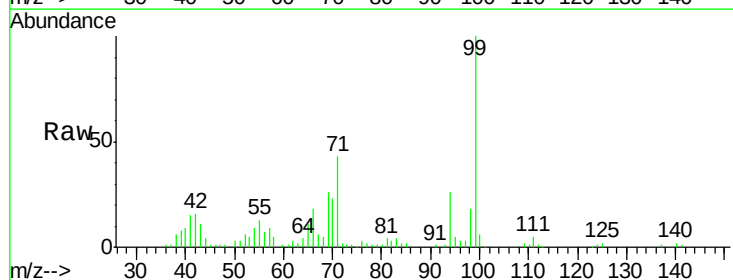
Tgt Ion: 94 Resp: 17816

Ion Ratio Lower Upper

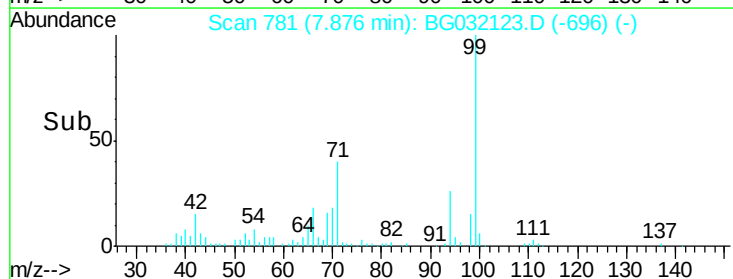
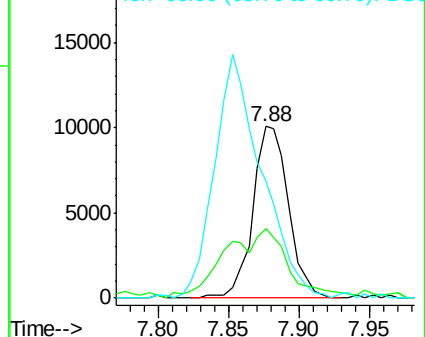
94 100

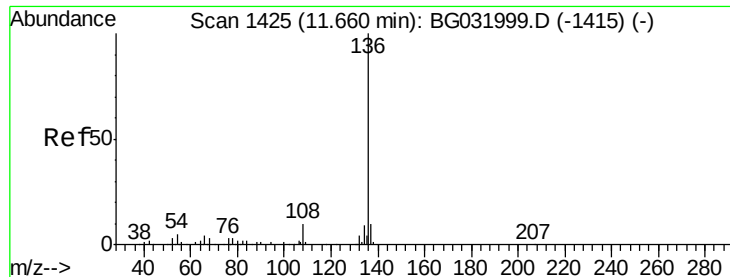
65 40.8 11.9 51.9

66 68.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

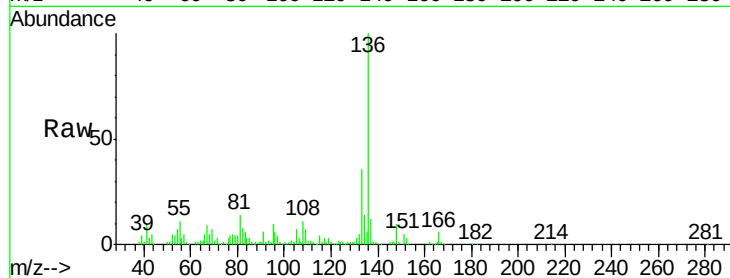




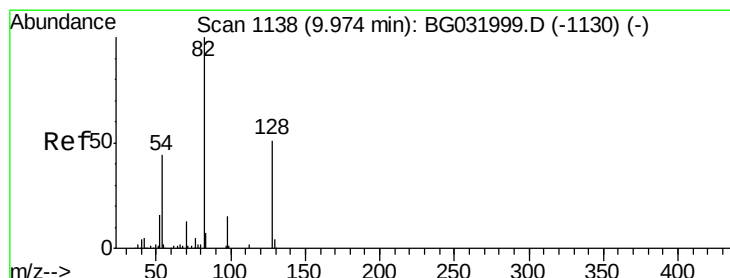
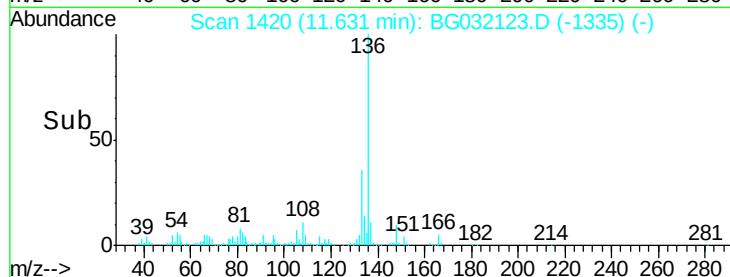
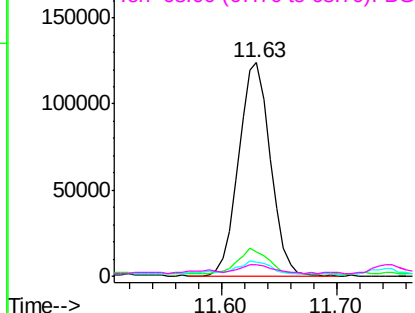
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:	136	Resp:	235695
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.9	10.3	15.5#
68	5.4	4.5	6.7

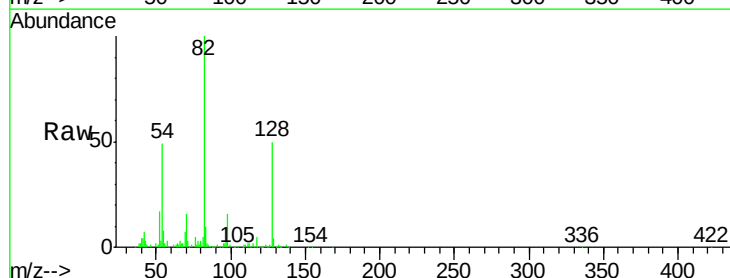


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

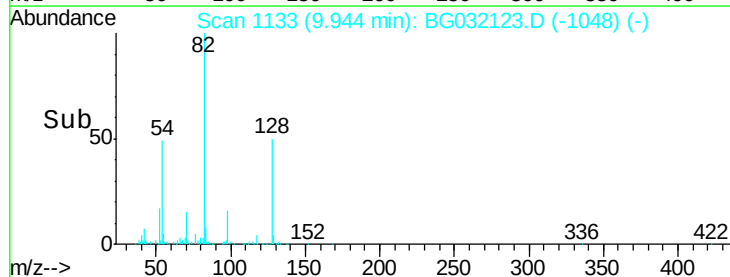
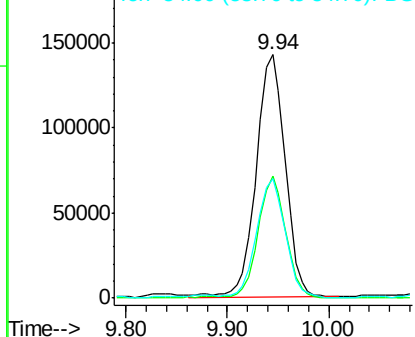


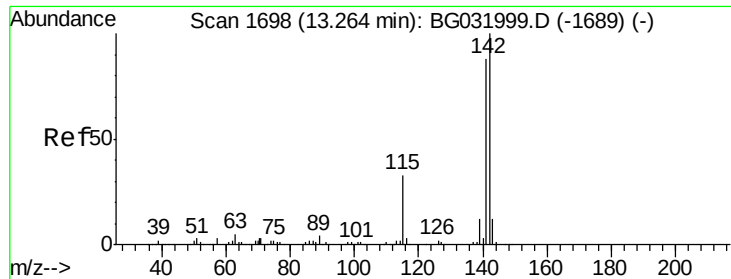
#23
Nitrobenzene-d5
Concen: 81.431 ng
RT: 9.94 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Tgt Ion:	82	Resp:	283692
Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	49.0	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

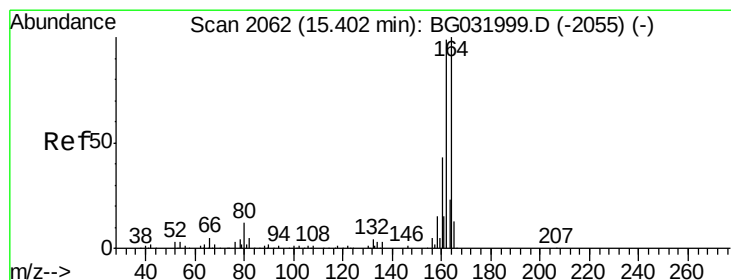
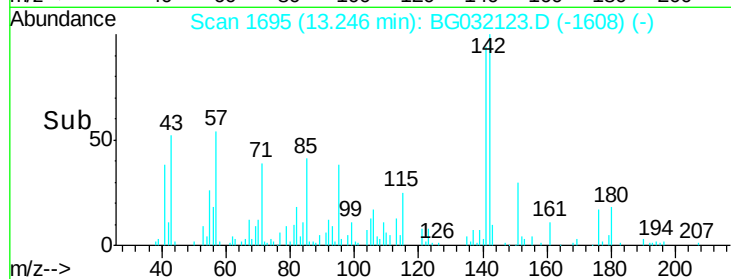
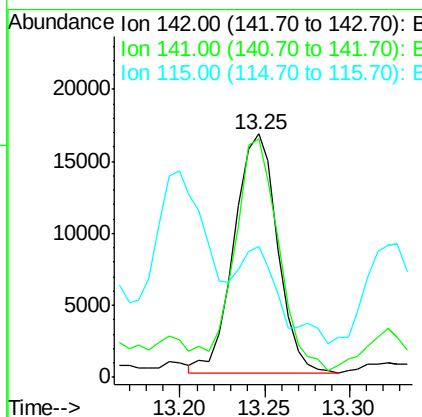
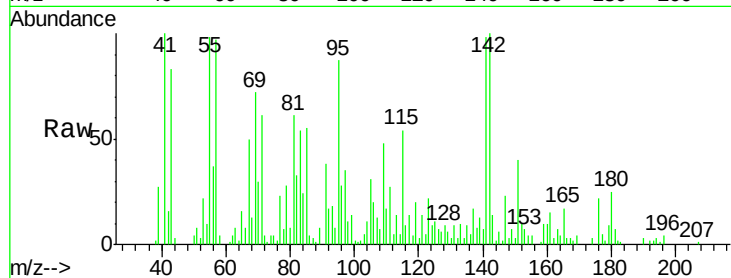




#37
 2-Methylnaphthalene
 Concen: 3.221 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.02 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

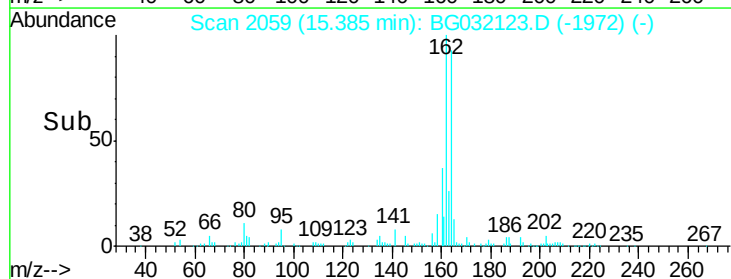
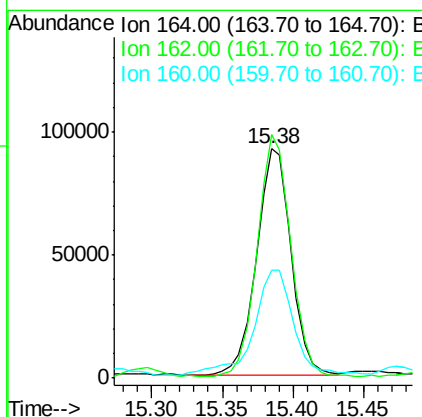
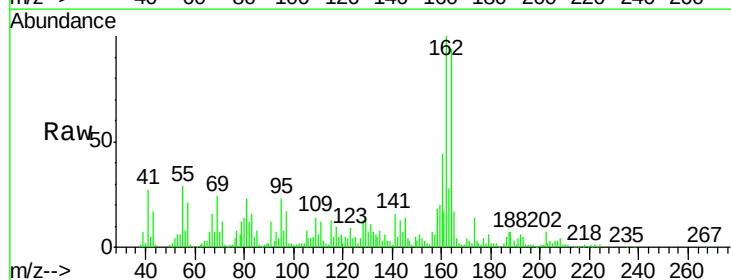
Instrument :
 BNA_G
 ClientSampled :
 DS-5

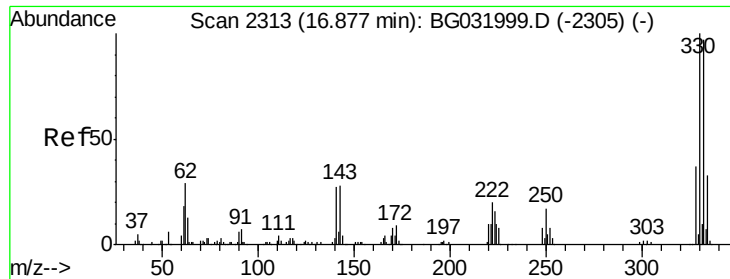
Tgt Ion:142 Resp: 29860
 Ion Ratio Lower Upper
 142 100
 141 98.2 67.1 100.7
 115 54.0 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

Tgt Ion:164 Resp: 157651
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 47.2 35.4 53.0

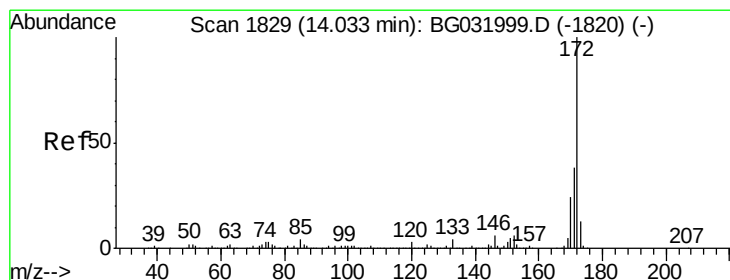
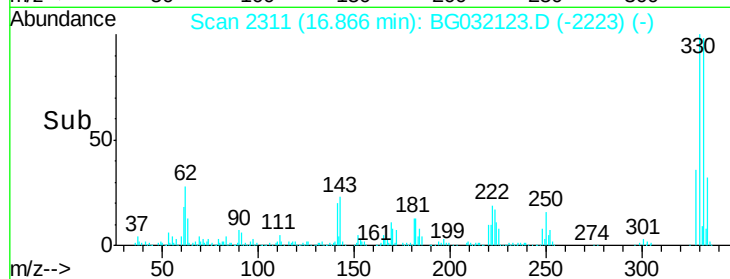
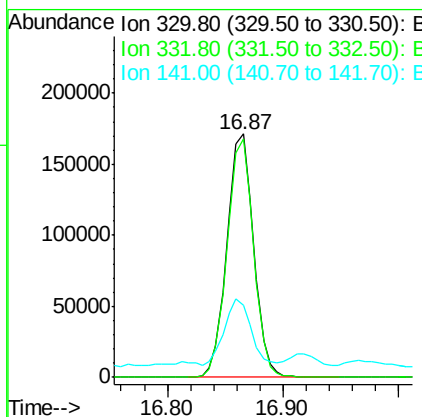
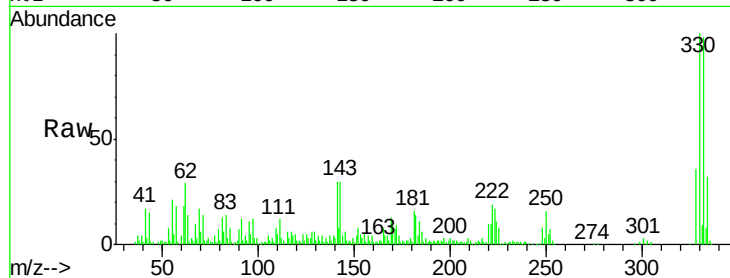




#41
 2,4,6-Tribromophenol
 Concen: 105.387 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

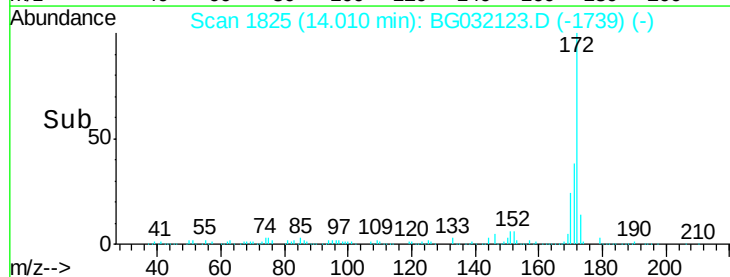
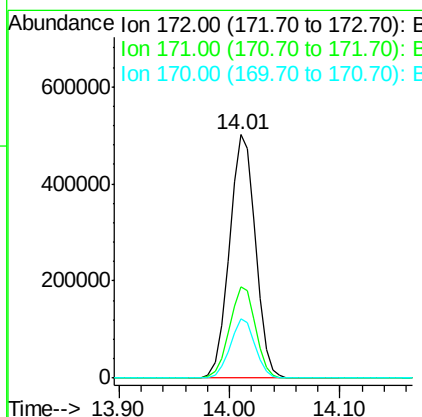
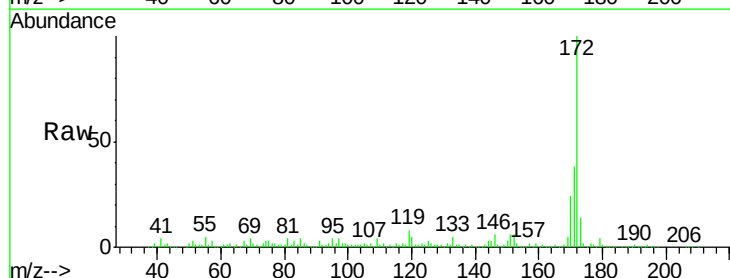
Instrument :
 BNA_G
 ClientSampleId :
 DS-5

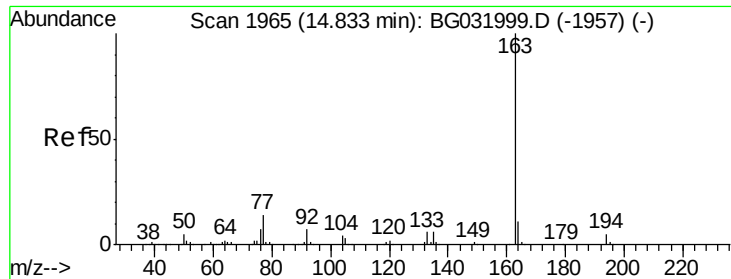
Tgt Ion:330 Resp: 274928
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 26.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 65.185 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

Tgt Ion:172 Resp: 828782
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.3 19.5 29.3

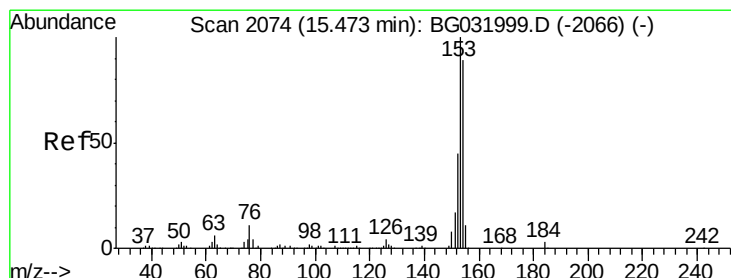
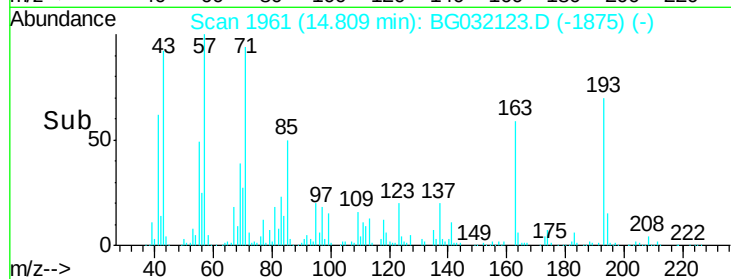
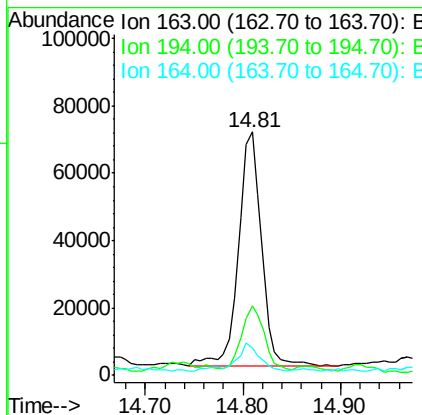
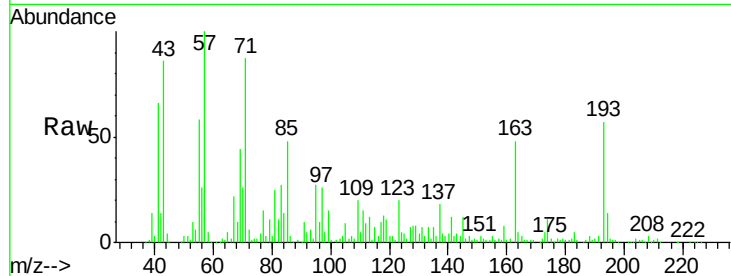




#49
Dimethylphthalate
Concen: 8.308 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

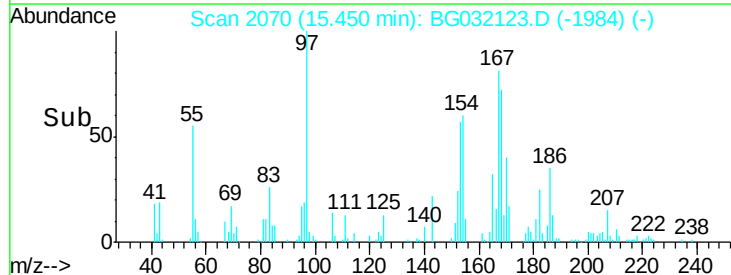
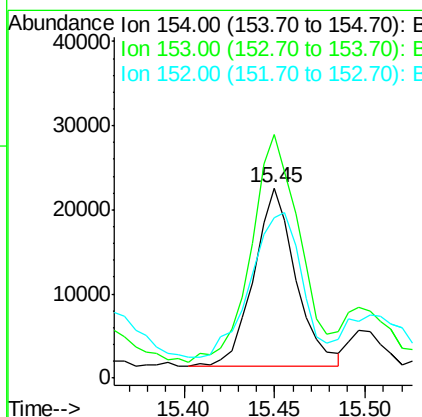
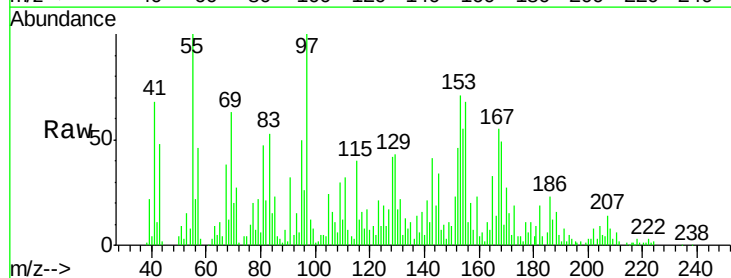
Instrument :
BNA_G
ClientSampleId :
DS-5

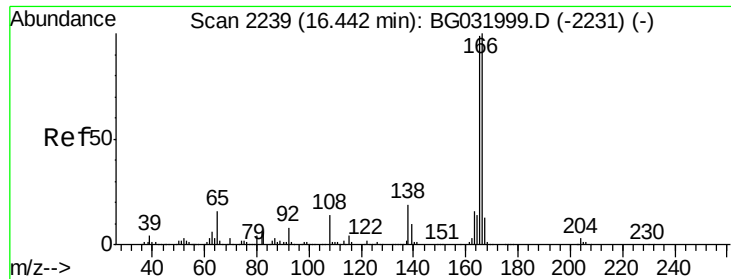
Tgt Ion:163 Resp: 114622
Ion Ratio Lower Upper
163 100
194 28.7 3.4 5.2#
164 11.0 8.2 12.4



#51
Acenaphthene
Concen: 3.211 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.02 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Tgt Ion:154 Resp: 33990
Ion Ratio Lower Upper
154 100
153 128.3 90.4 135.6
152 84.2 41.6 62.4#





#57

Fluorene

Concen: 8.387 ng

RT: 16.42 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

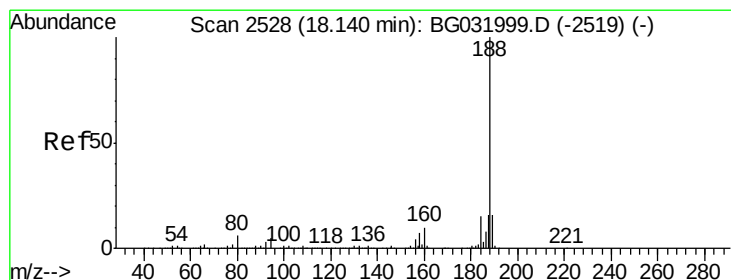
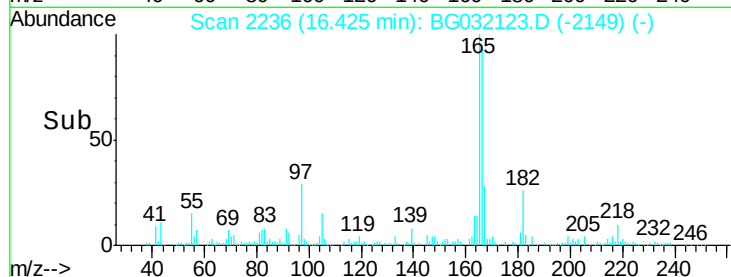
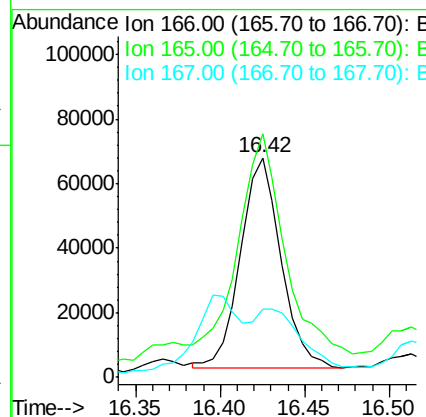
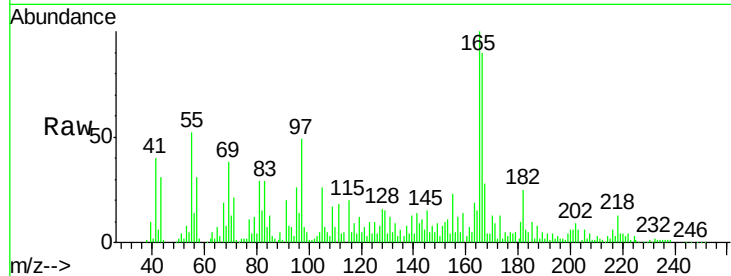
Instrument :

BNA_G

ClientSampled :

DS-5

Tgt Ion:166 Resp: 108637
 Ion Ratio Lower Upper
 166 100
 165 110.8 80.6 121.0
 167 30.8 10.4 15.6#



#63

Phenanthrene-d10

Concen: 20.000 ng

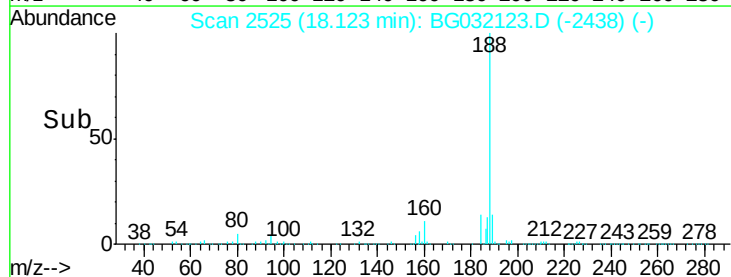
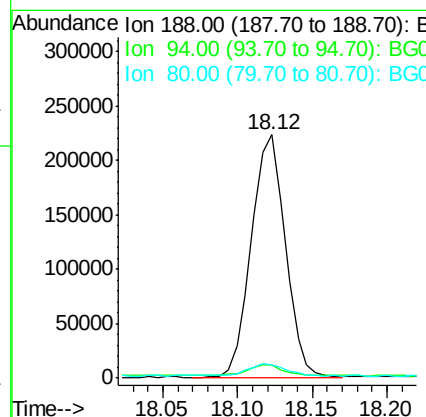
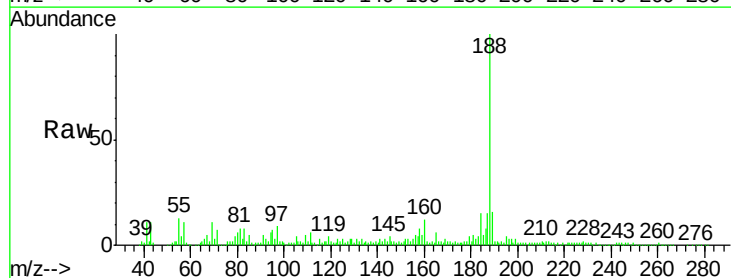
RT: 18.12 min Scan# 2525

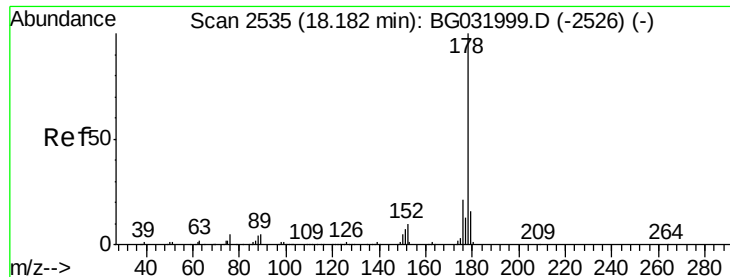
Delta R.T. -0.02 min

Lab File: BG032123.D

Acq: 18 Jan 2018 5:13

Tgt Ion:188 Resp: 350850
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 5.7 7.7 11.5#

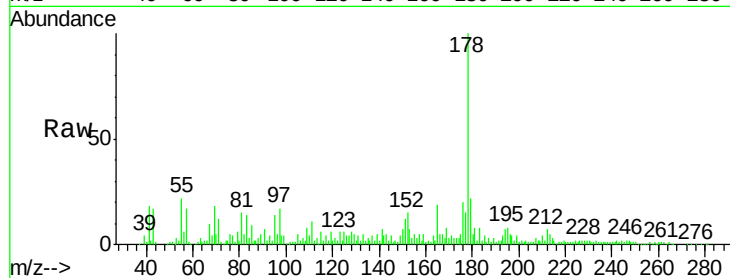




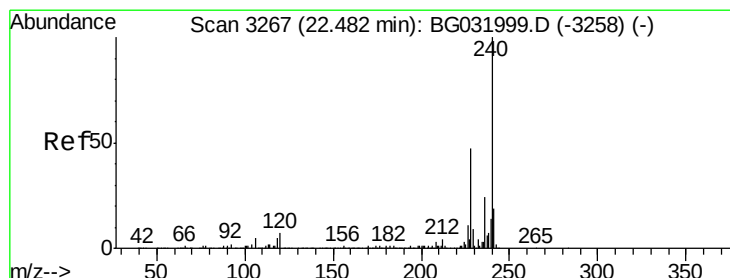
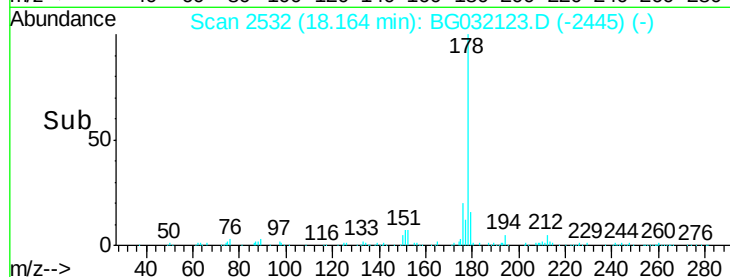
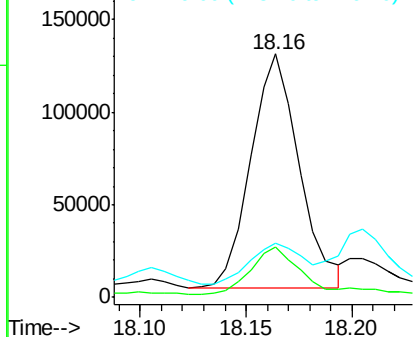
#70
Phenanthrene
Concen: 10.284 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:178 Resp: 200892
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 22.2 12.5 18.7#

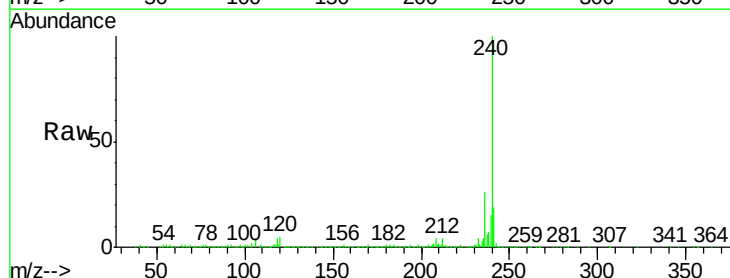


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

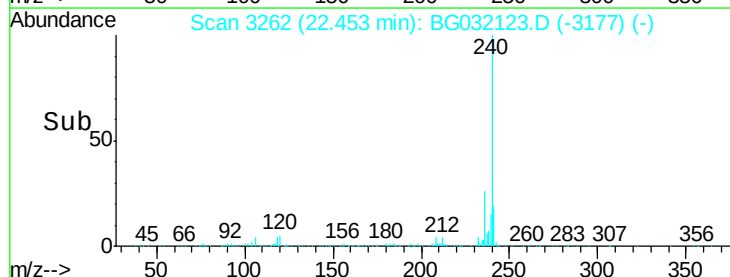
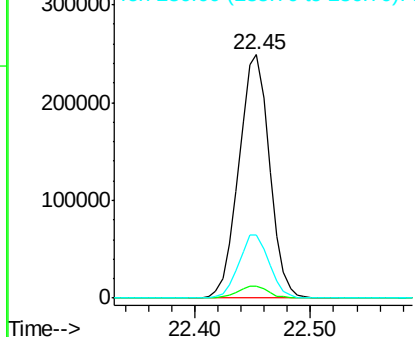


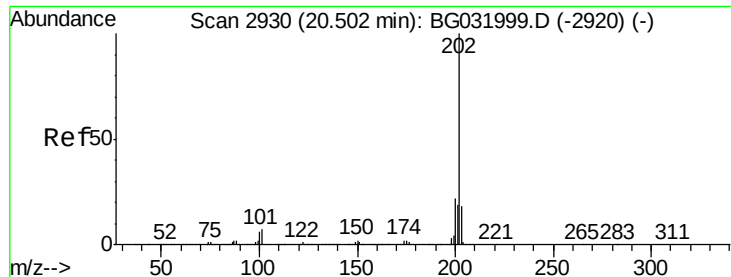
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3262
Delta R.T. -0.03 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Tgt Ion:240 Resp: 458252
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

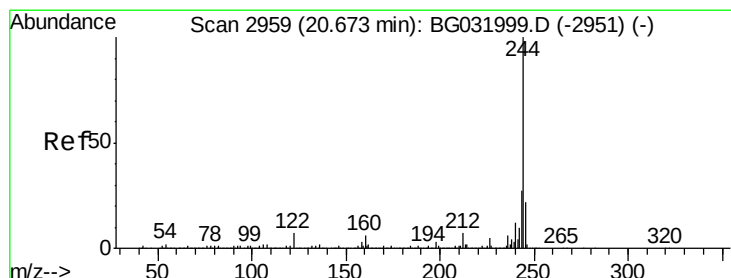
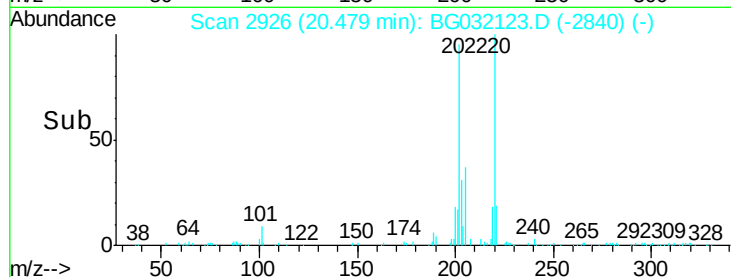
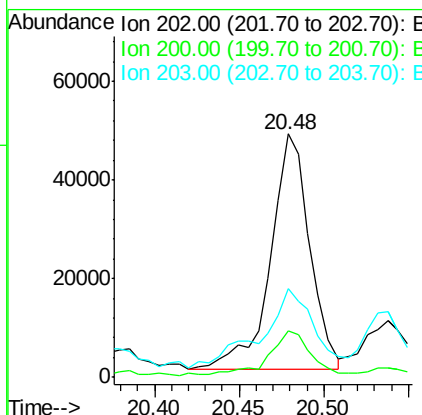
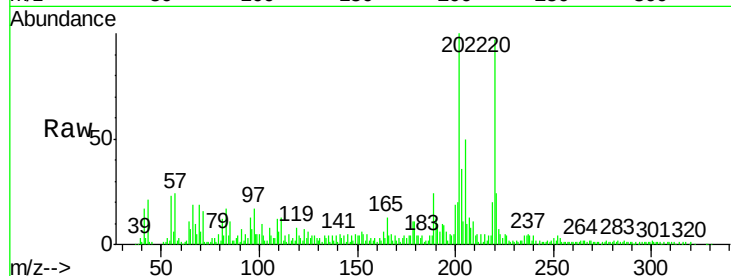




#77
 Pyrene
 Concen: 2.684 ng
 RT: 20.48 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

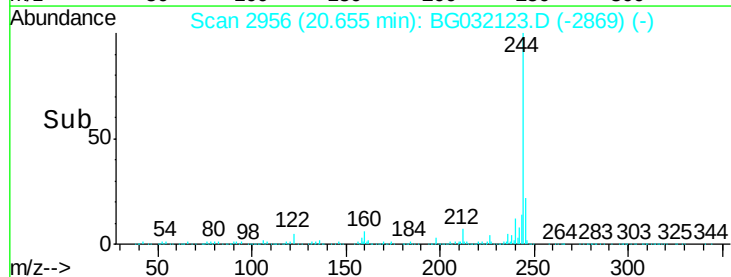
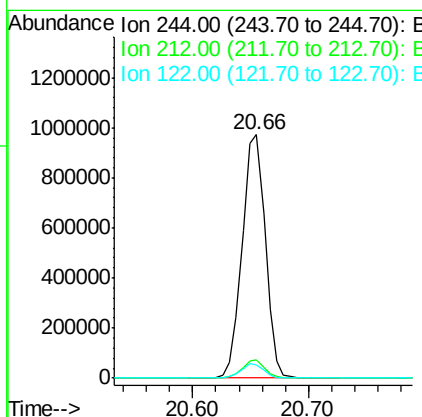
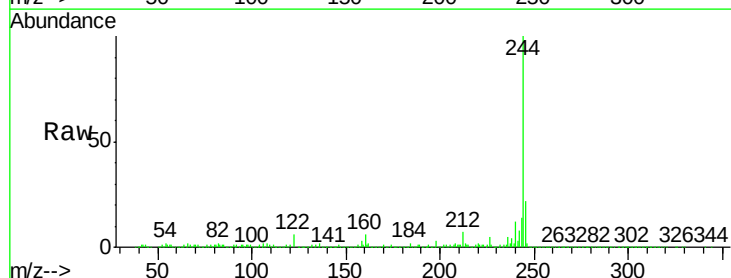
Instrument :
 BNA_G
 ClientSampleId :
 DS-5

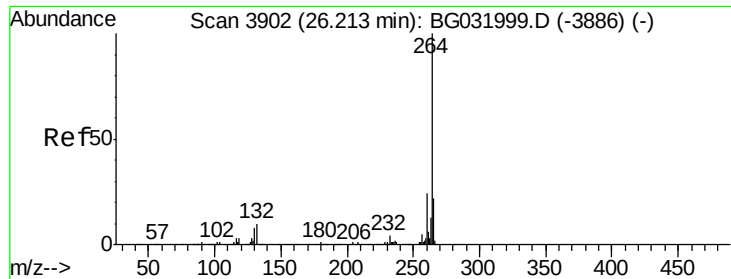
Tgt Ion: 202 Resp: 77321
 Ion Ratio Lower Upper
 202 100
 200 19.2 16.9 25.3
 203 36.3 13.9 20.9#



#78
 Terphenyl-d14
 Concen: 65.310 ng
 RT: 20.66 min Scan# 2956
 Delta R.T. -0.02 min
 Lab File: BG032123.D
 Acq: 18 Jan 2018 5:13

Tgt Ion: 244 Resp: 1355420
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 5.5 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3892
Delta R.T. -0.06 min
Lab File: BG032123.D
Acq: 18 Jan 2018 5:13

Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.0	17.7	26.5

