

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032231.D
 Acq On : 23 Jan 2018 14:44
 Operator : SJ/JU
 Sample : J1239-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7317-01

Quant Time: Jan 24 04:23:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

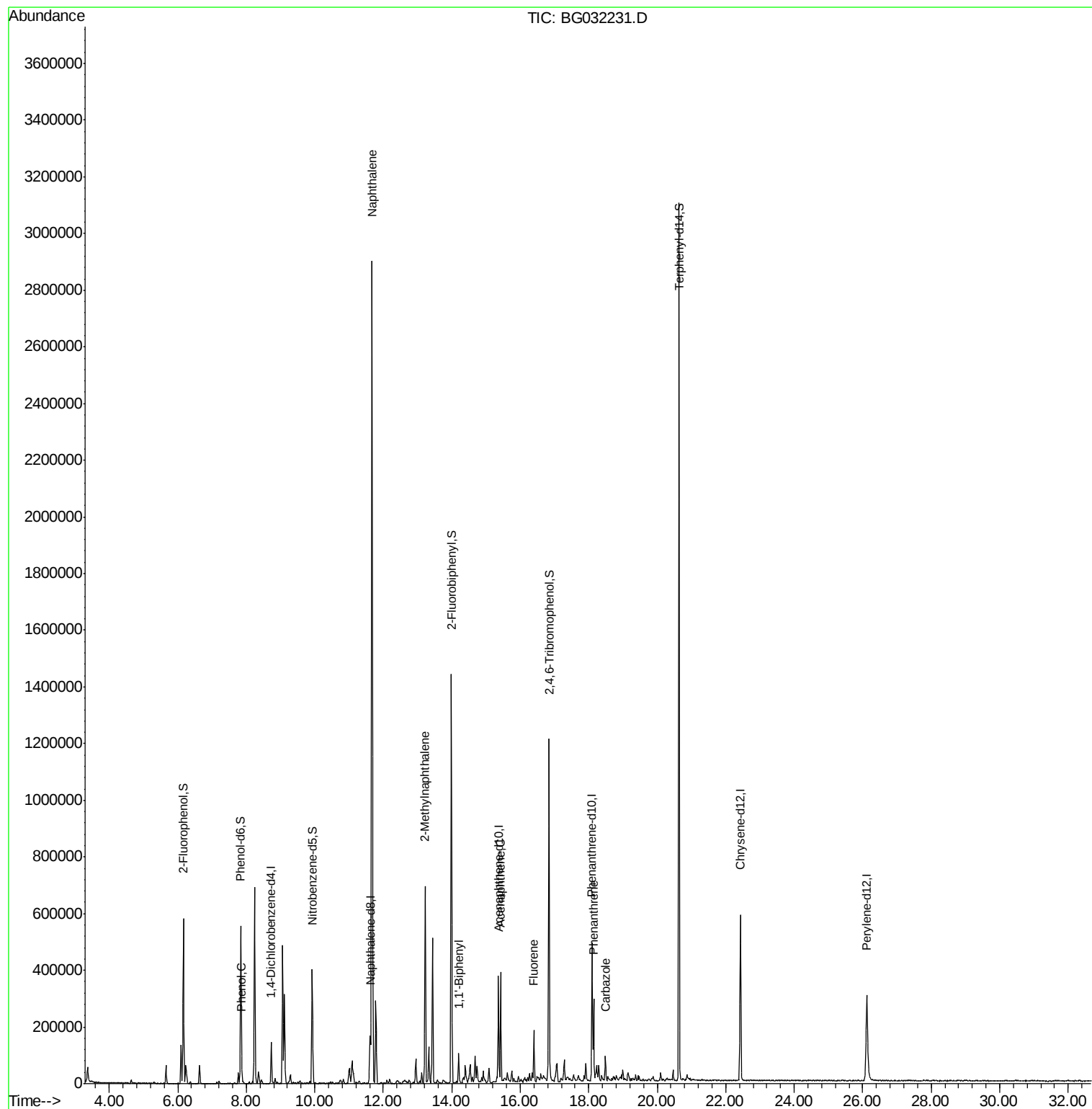
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47501	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	198262	20.00	ng	-0.01
38) Acenaphthene-d10	15.36	164	138918	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	341010	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	448509	20.00	ng	-0.02
86) Perylene-d12	26.12	264	469678	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	287079	110.53	ng	0.00
7) Phenol-d6	7.84	99	336100	102.75	ng	0.00
23) Nitrobenzene-d5	9.93	82	251323	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	275628	119.90	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	860100	76.77	ng	-0.01
78) Terphenyl-d14	20.64	244	1690885	83.24	ng	-0.01
Target Compounds						
10) Phenol	7.87	94	11127	3.453	ng	Qvalue 92
31) Naphthalene	11.67	128	2763357	281.360	ng	# 94
37) 2-Methylnaphthalene	13.22	142	347560	44.574	ng	96
45) 1,1'-Biphenyl	14.20	154	58764	4.934	ng	93
51) Acenaphthene	15.43	154	154982	16.613	ng	98
57) Fluorene	16.40	166	88067	7.716	ng	95
70) Phenanthrene	18.14	178	204342	10.763	ng	99
72) Carbazole	18.49	167	60845	3.704	ng	97

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

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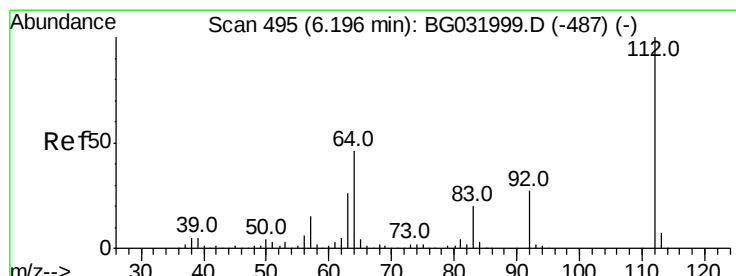
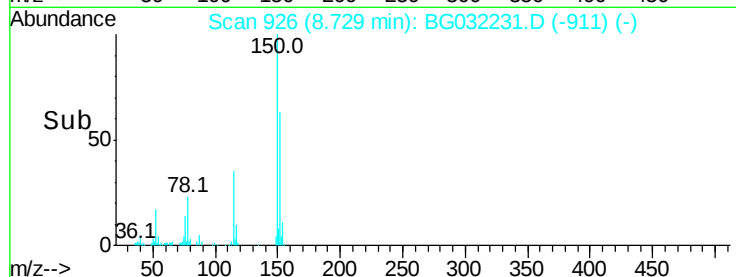
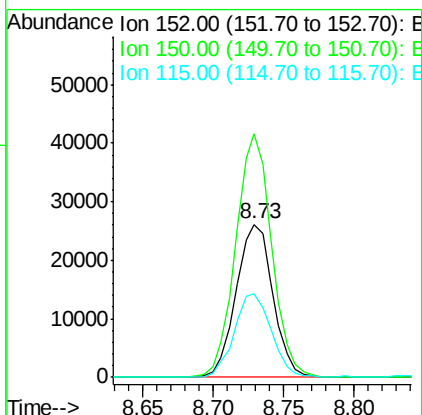
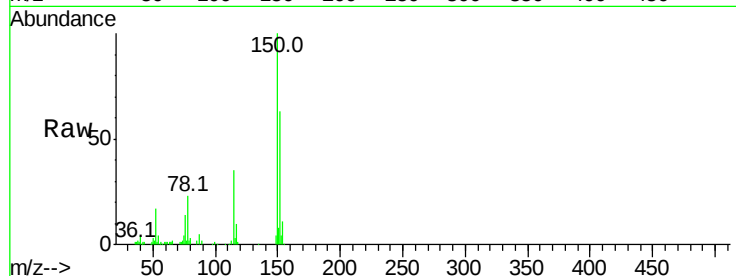


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Instrument :
BNA_G
ClientSampleId :
WC-7317-01

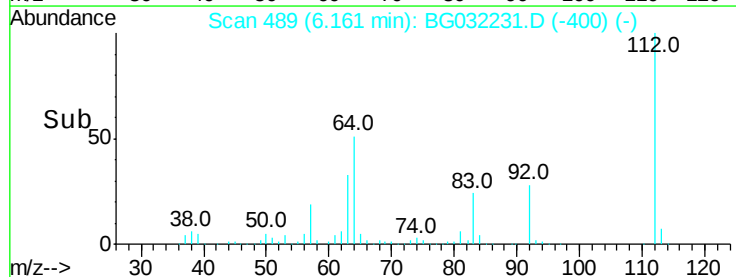
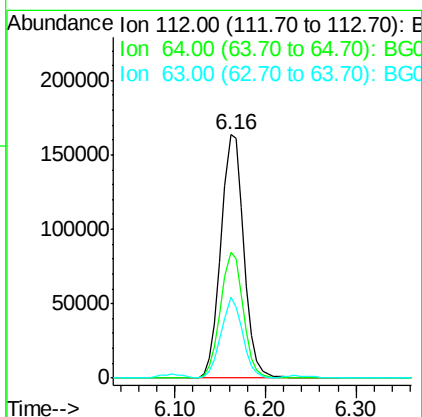
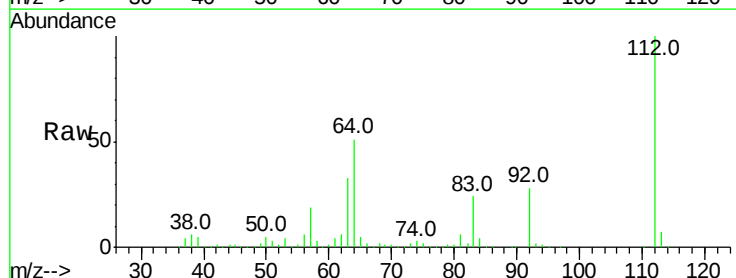
Tot Ion:152 Resp: 47501
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 54.9 53.0 79.4

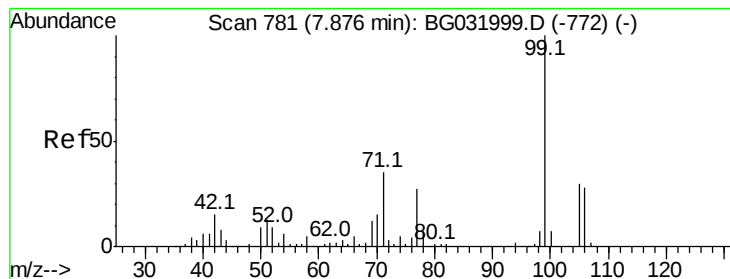


#5

2-Fluorophenol
Concen: 110.534 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:112 Resp: 287079
Ion Ratio Lower Upper
112 100
64 51.5 56.3 84.5#
63 33.1 30.1 45.1





#7

Phenol-d6

Concen: 102.751 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WC-7317-01

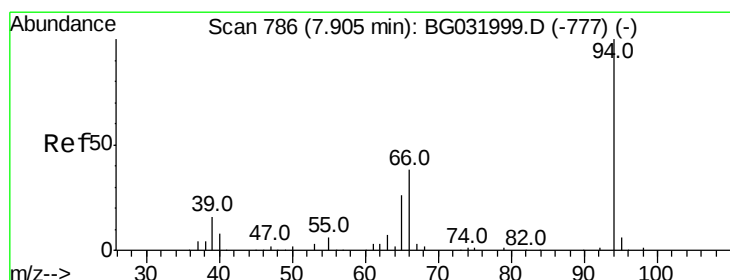
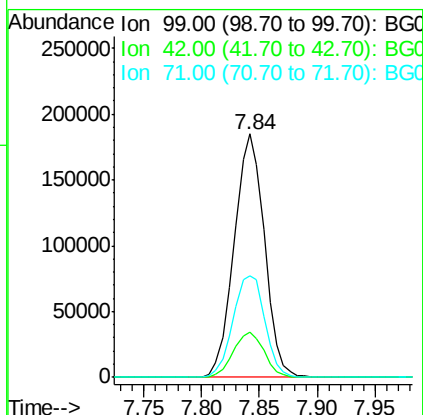
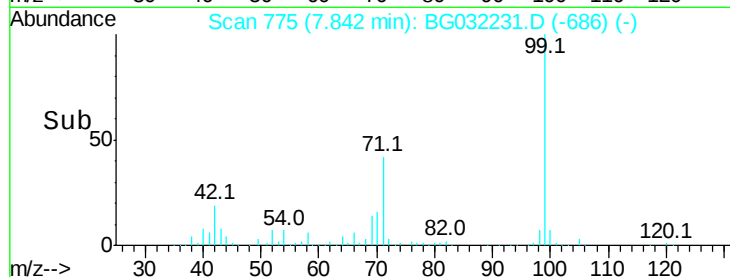
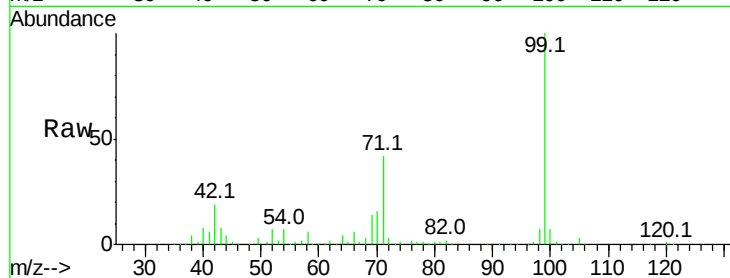
Tot Ion: 99 Resp: 336100

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 41.6 26.1 39.1#



#10

Phenol

Concen: 3.453 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

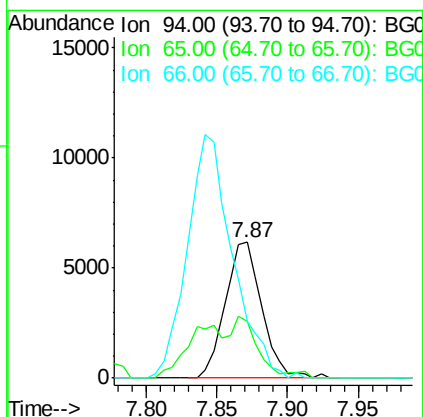
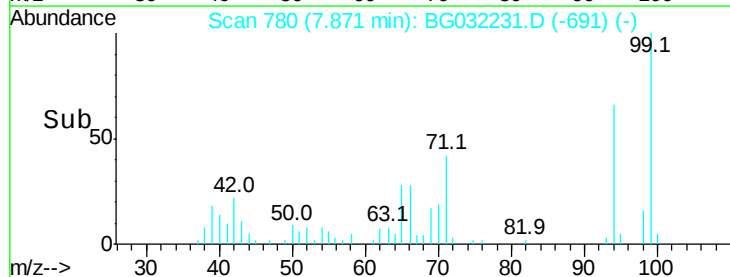
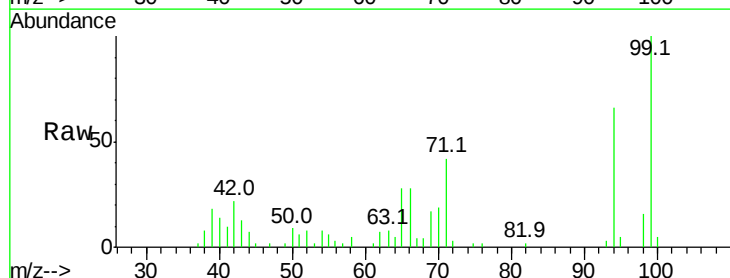
Tgt Ion: 94 Resp: 11127

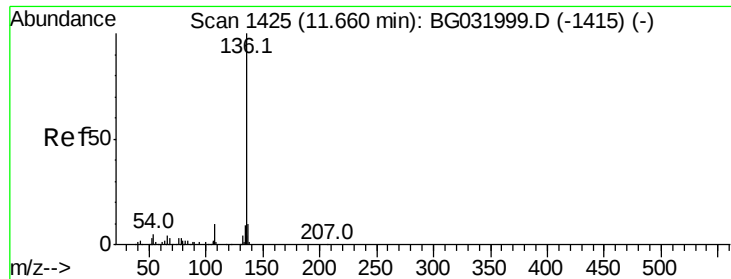
Ion Ratio Lower Upper

94 100

65 41.7 11.9 51.9

66 42.0 22.2 62.2

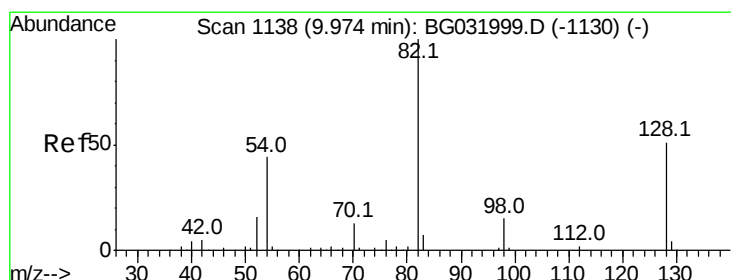
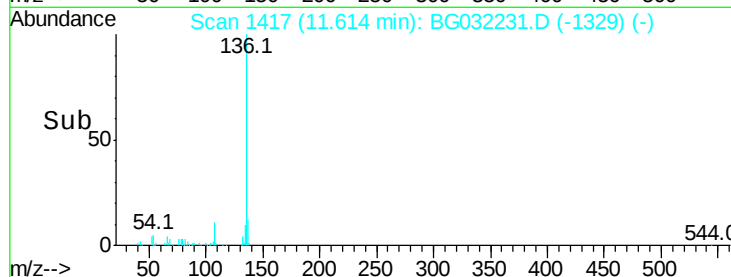
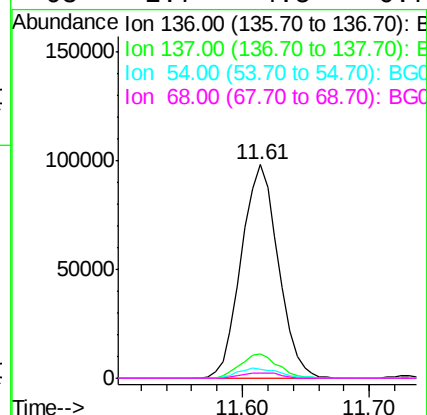
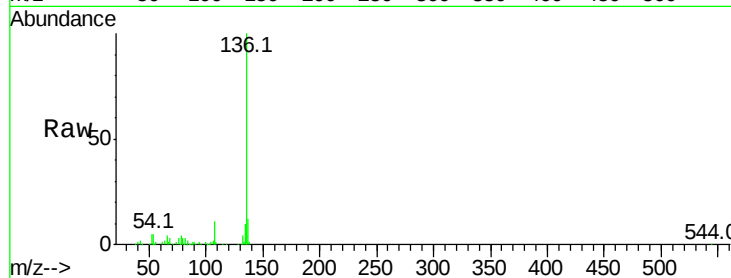




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

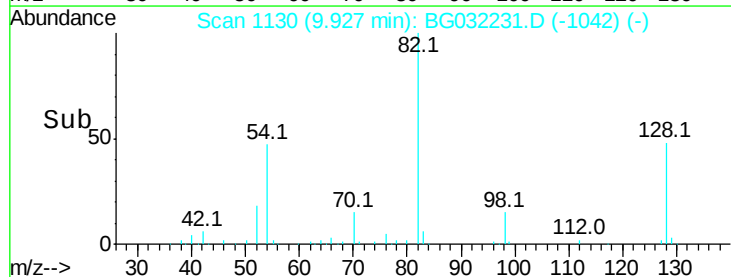
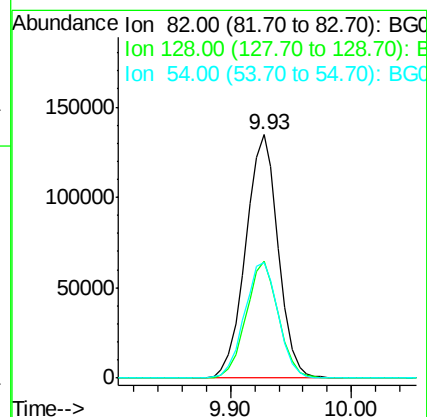
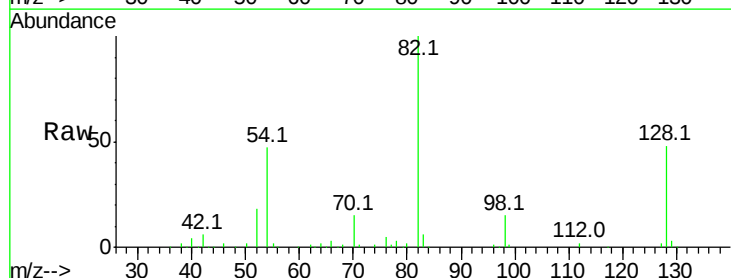
Instrument :
BNA_G
ClientSampleId :
WC-7317-01

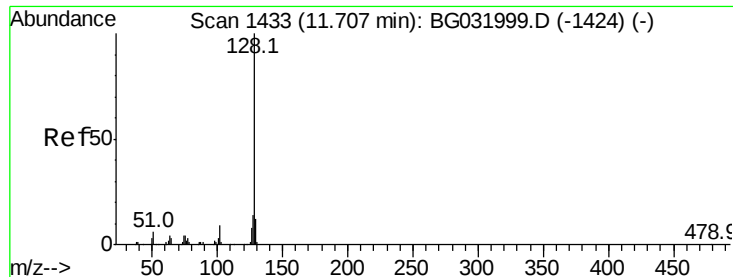
Tot Ion:	136	Resp:	198262
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	4.5	10.3	15.5#
68	2.7	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 85.761 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:	82	Resp:	251323
Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	47.3	43.1	64.7

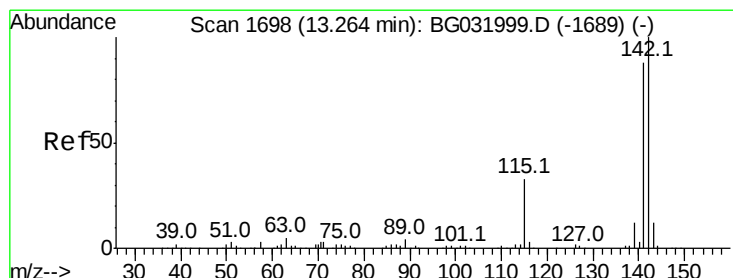
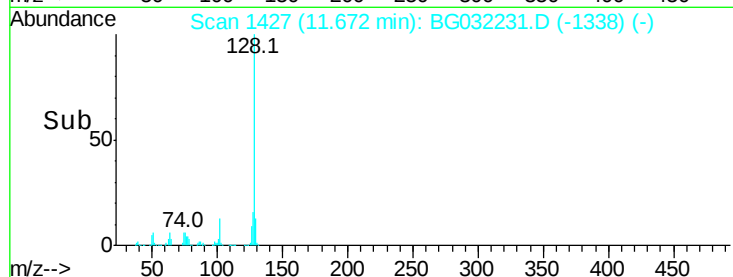
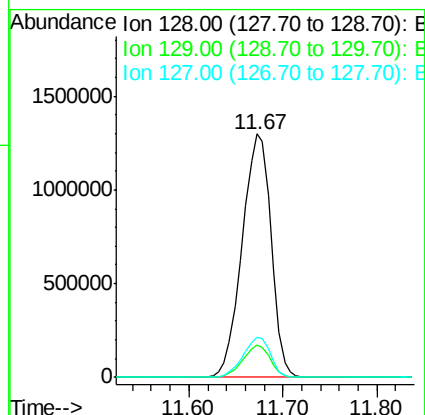
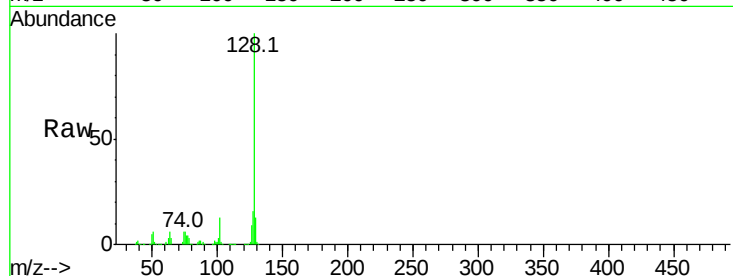




#31
Naphthalene
Concen: 281.360 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

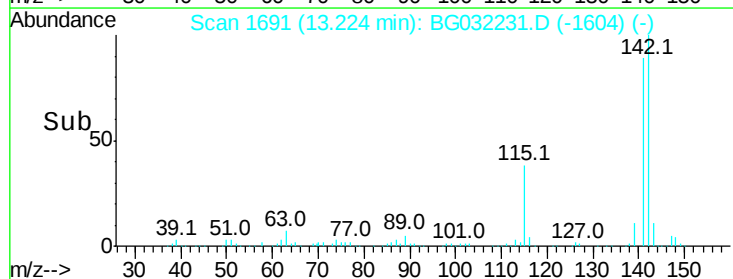
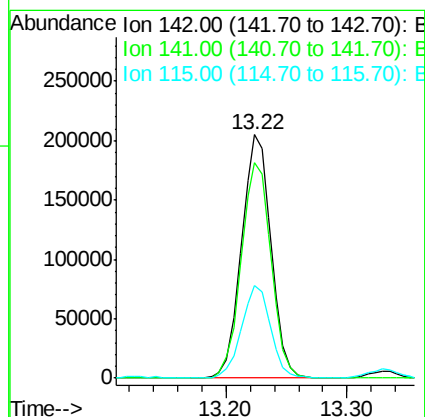
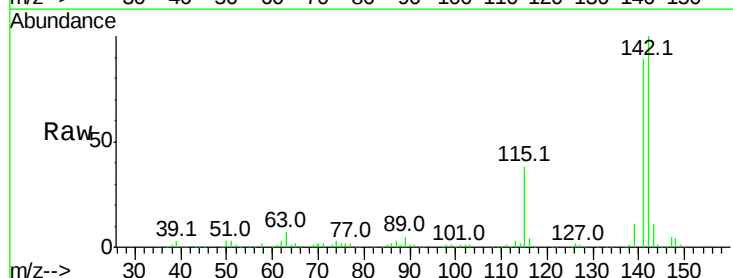
Instrument :
BNA_G
ClientSampleId :
WC-7317-01

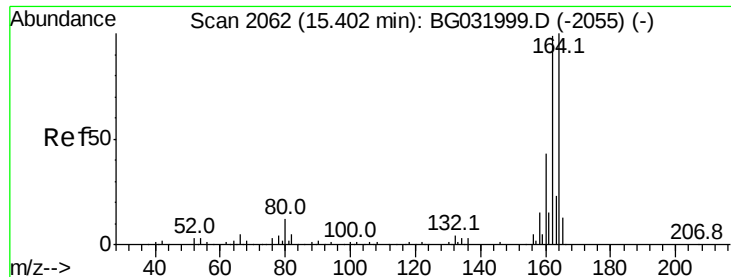
Tot Ion:128 Resp: 2763357
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8#
127 16.4 11.6 17.4



#37
2-Methylnaphthalene
Concen: 44.574 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:142 Resp: 347560
Ion Ratio Lower Upper
142 100
141 88.7 67.1 100.7
115 38.2 30.7 46.1

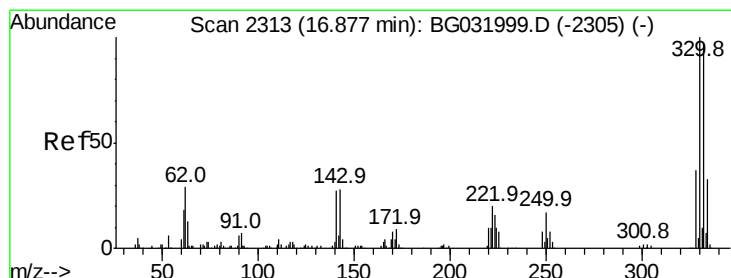
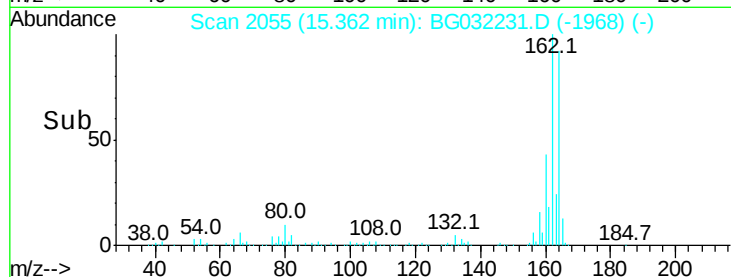
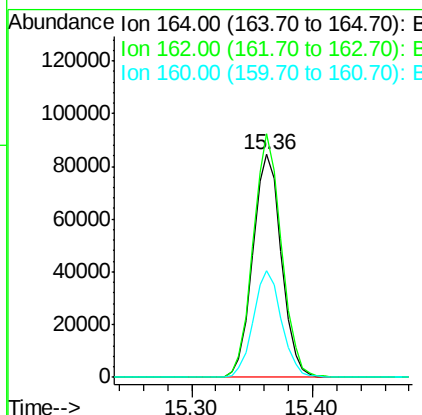
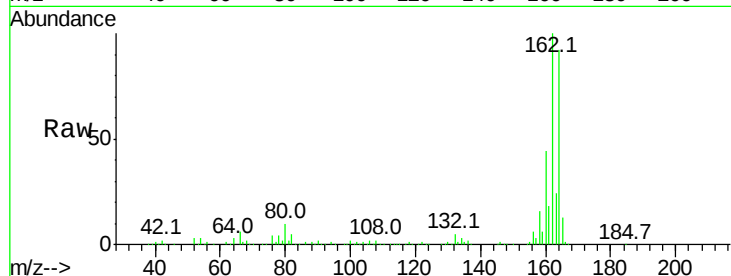




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

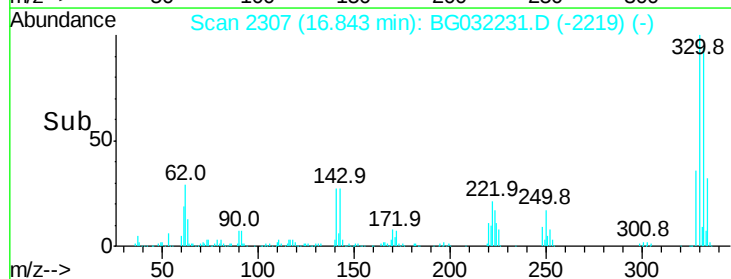
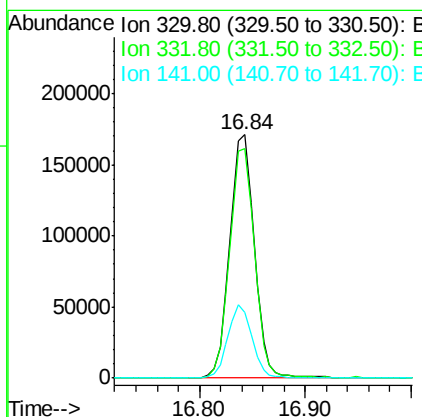
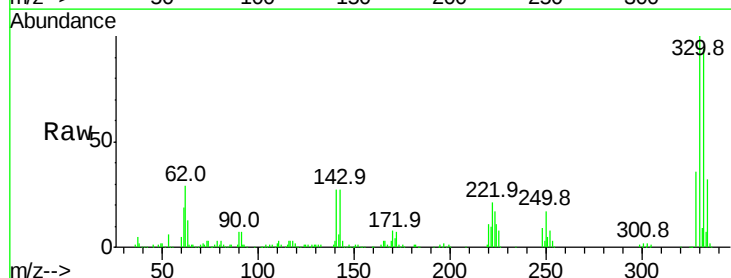
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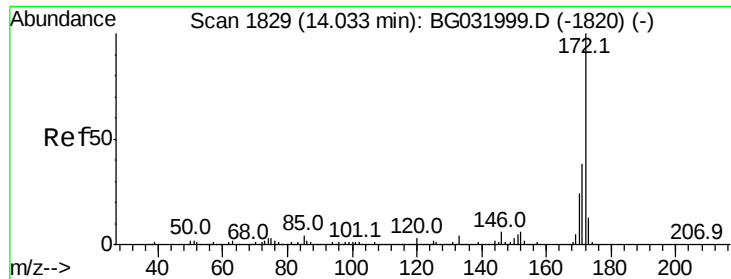
Tot Ion:164 Resp: 138918
Ion Ratio Lower Upper
164 100
162 109.2 78.8 118.2
160 47.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 119.902 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:330 Resp: 275628
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 29.0 25.2 37.8

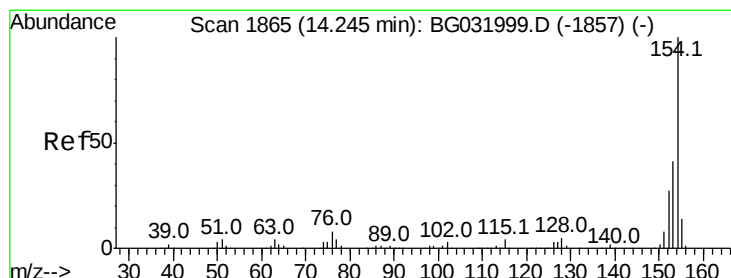
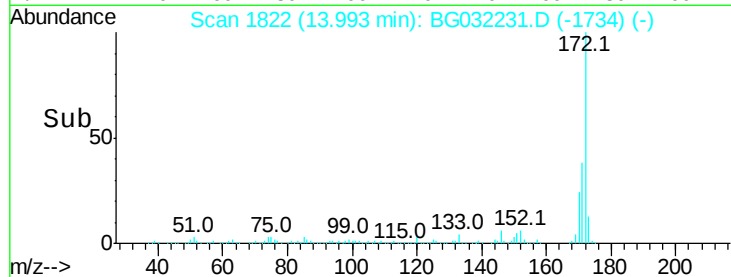
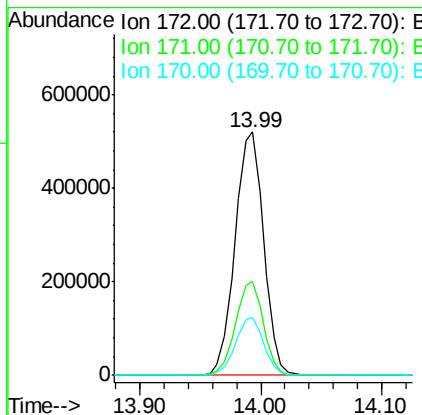
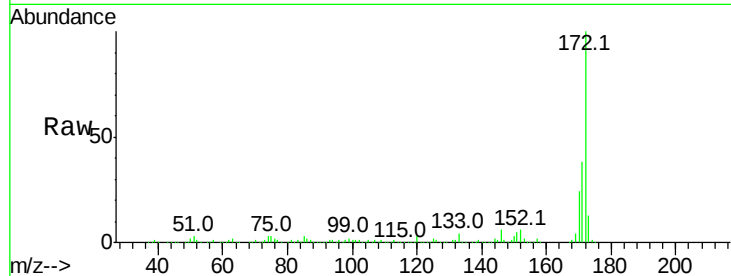




#44
2-Fluorobiphenyl
Concen: 76.771 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

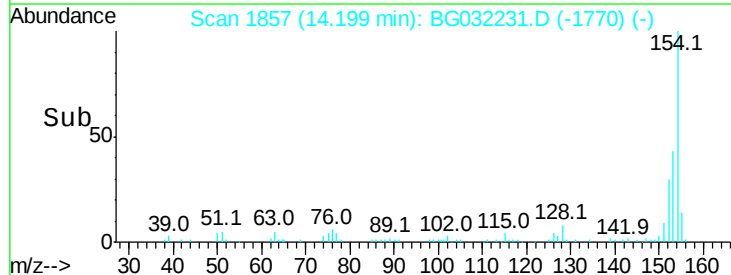
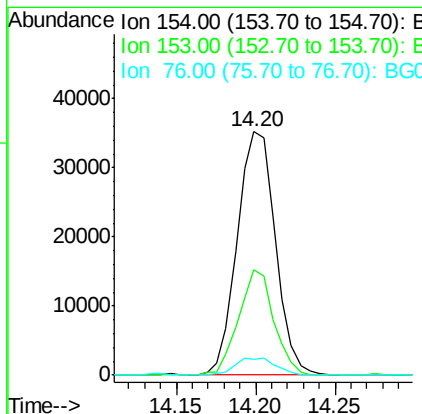
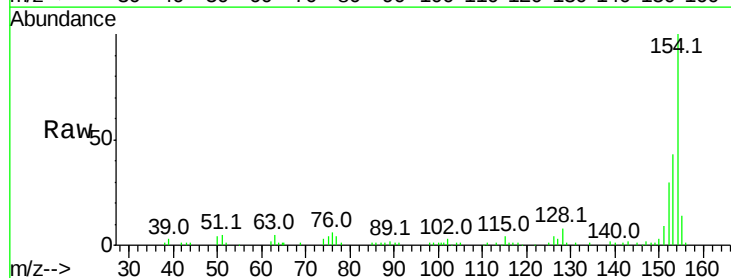
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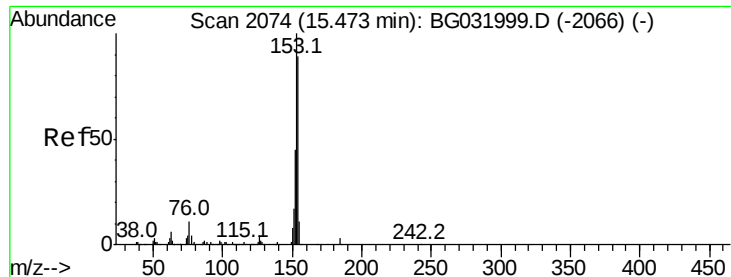
Tot Ion:172 Resp: 860100
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 23.8 19.5 29.3



#45
1,1'-Biphenyl
Concen: 4.934 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:154 Resp: 58764
Ion Ratio Lower Upper
154 100
153 43.1 19.8 59.8
76 6.5 0.0 31.9





#51

Acenaphthene

Concen: 16.613 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

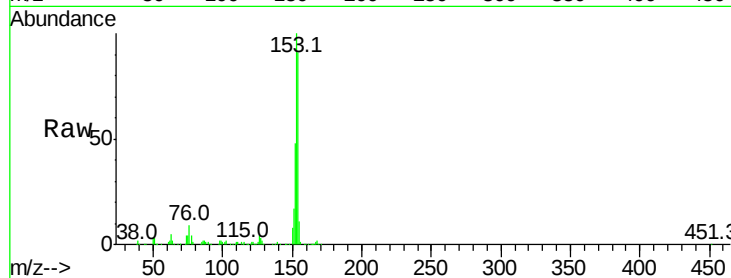
BNA_G

ClientSampleId :

WC-7317-01

Tot Ion:154 Resp: 154982

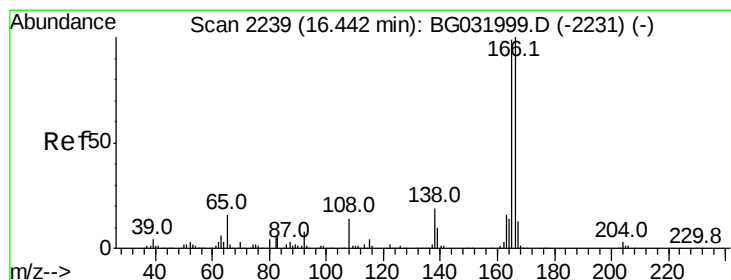
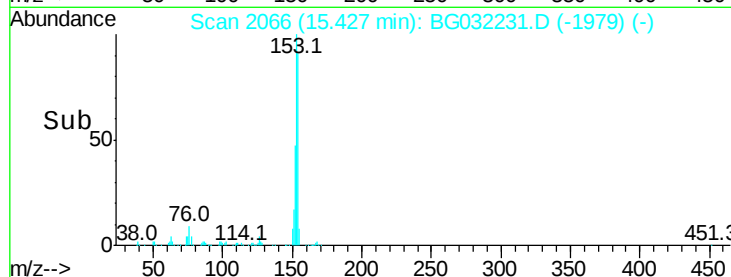
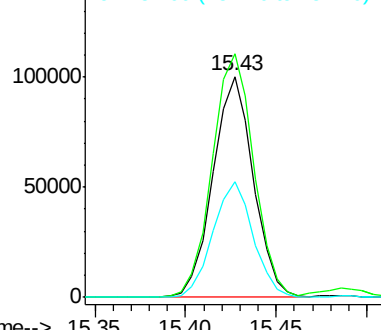
Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	52.5	41.6	62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 7.716 ng

RT: 16.40 min Scan# 2232

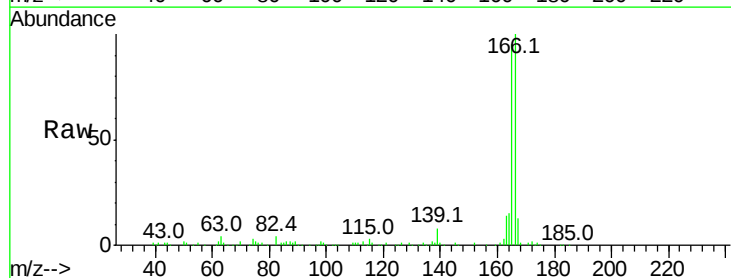
Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Tgt Ion:166 Resp: 88067

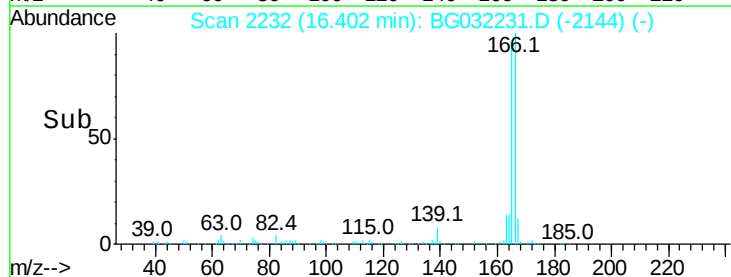
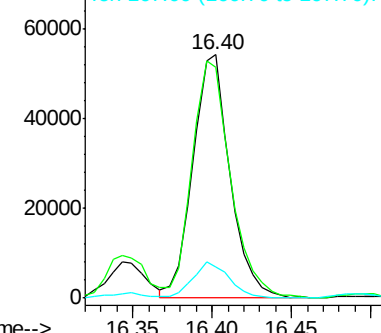
Ion	Ratio	Lower	Upper
166	100		
165	94.7	80.6	121.0
167	12.7	10.4	15.6

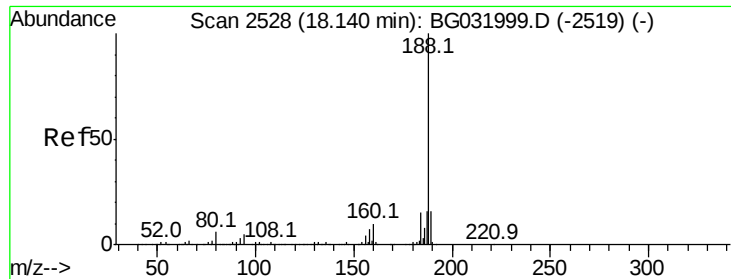


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WC-7317-01

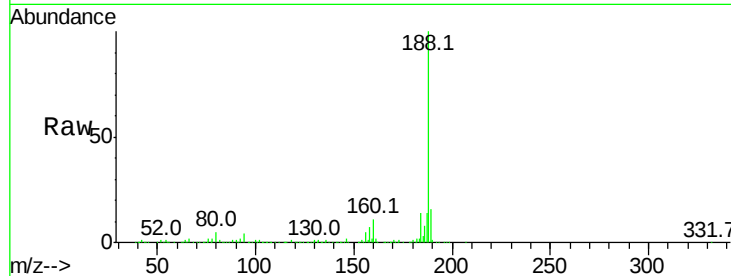
Tot Ion:188 Resp: 341010

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

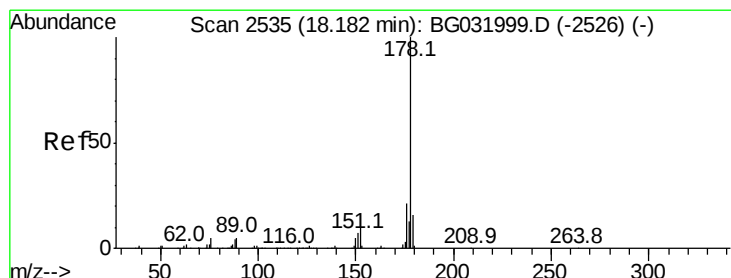
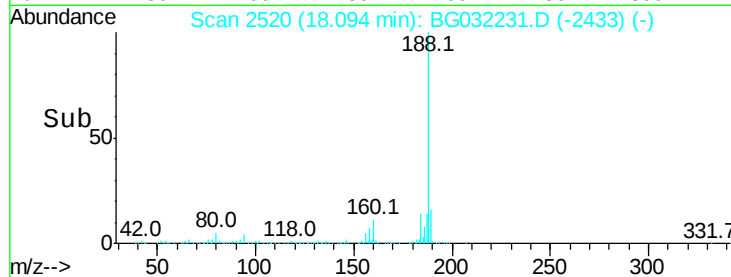
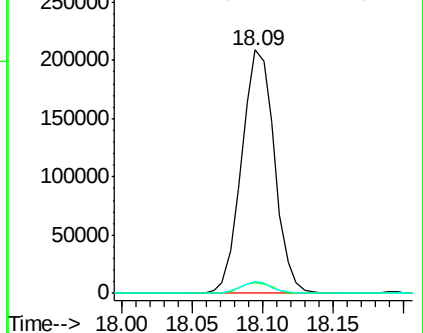
80 4.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70

Phenanthrene

Concen: 10.763 ng

RT: 18.14 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

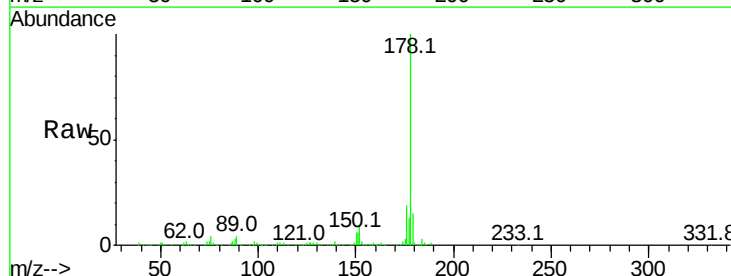
Tgt Ion:178 Resp: 204342

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

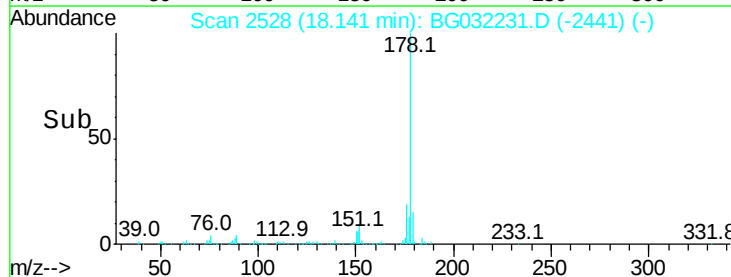
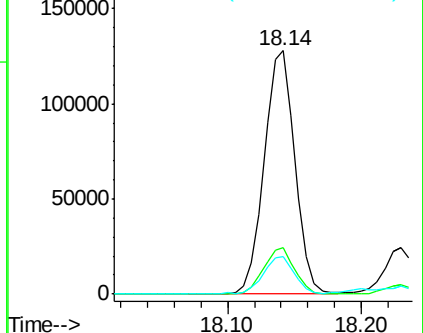
179 15.3 12.5 18.7

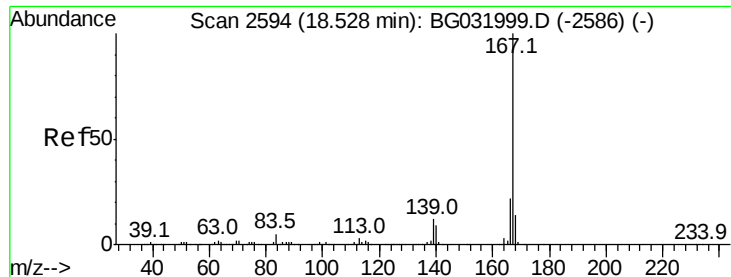


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.704 ng

RT: 18.49 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WC-7317-01

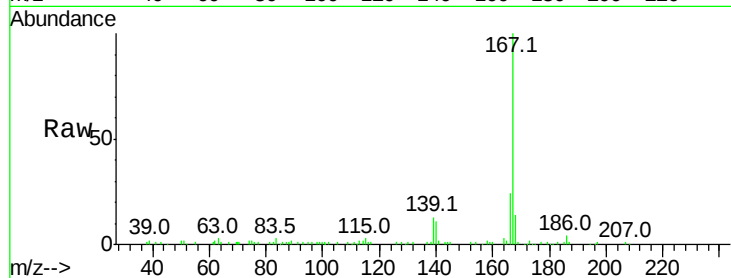
Tot Ion:167 Resp: 60845

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

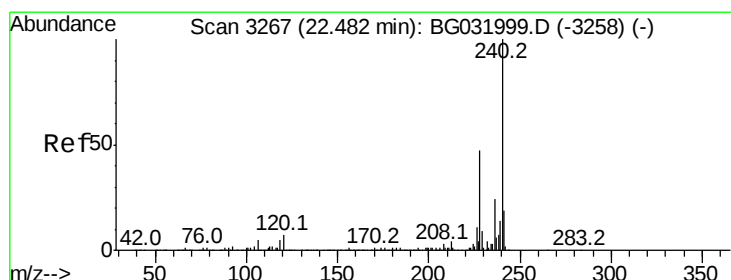
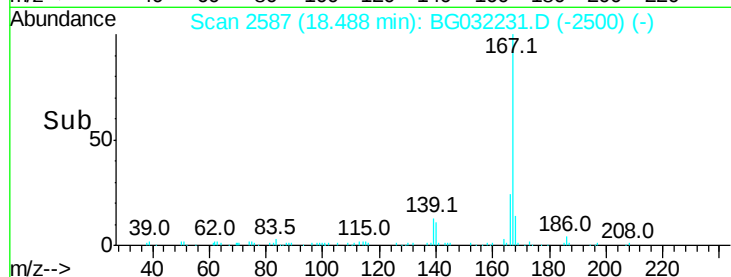
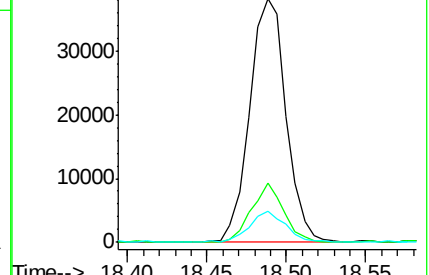
139 12.7 9.4 14.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

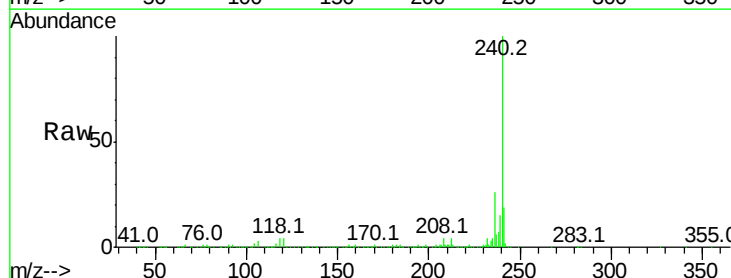
Tgt Ion:240 Resp: 448509

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

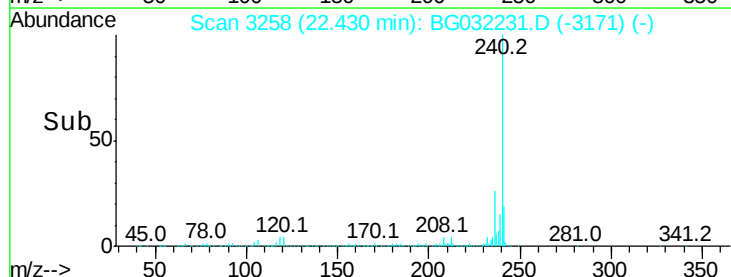
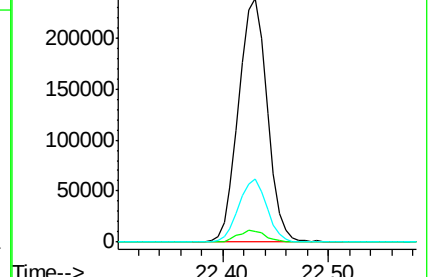
236 25.9 20.9 31.3

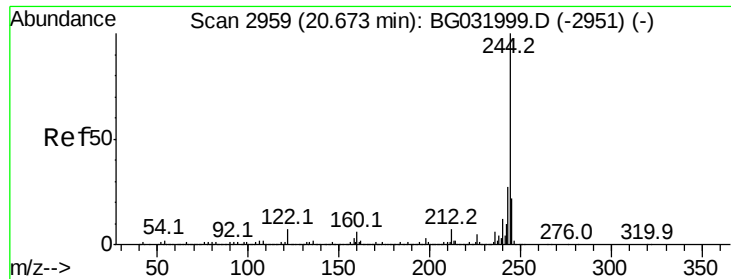


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.244 ng

RT: 20.64 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WC-7317-01

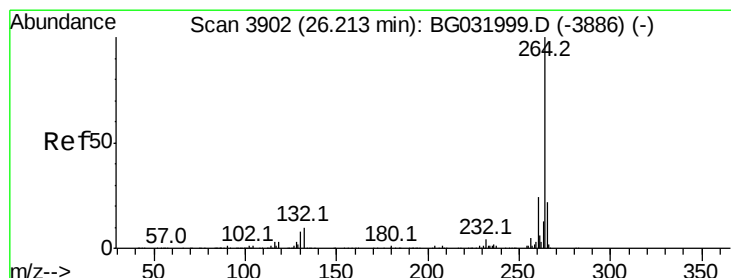
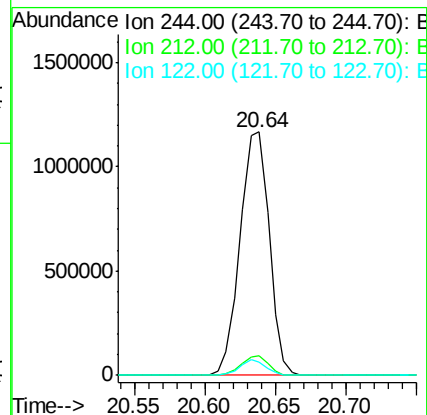
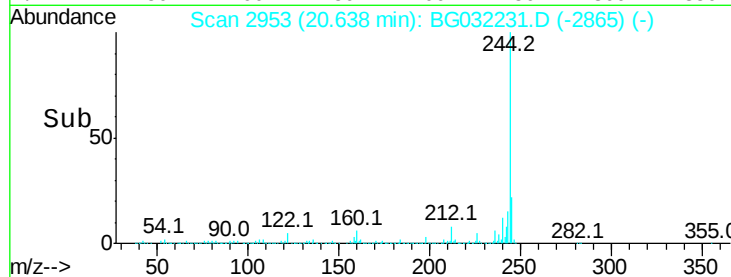
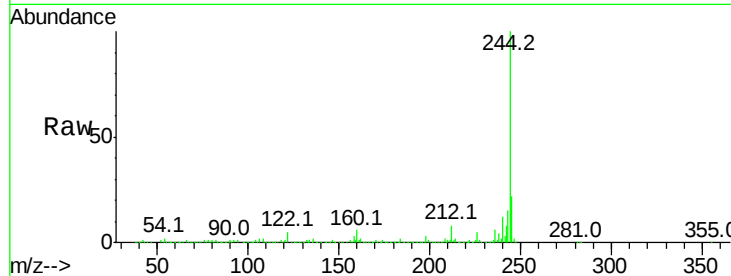
Tot Ion:244 Resp: 1690885

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

122 5.4 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.12 min Scan# 3886

Delta R.T. -0.03 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Tgt Ion:264 Resp: 469678

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.7 17.7 26.5

