

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032026.D
 Acq On : 13 Jan 2018 6:25
 Operator : SJ/JU
 Sample : J1018-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-011118

Quant Time: Jan 15 10:07:57 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

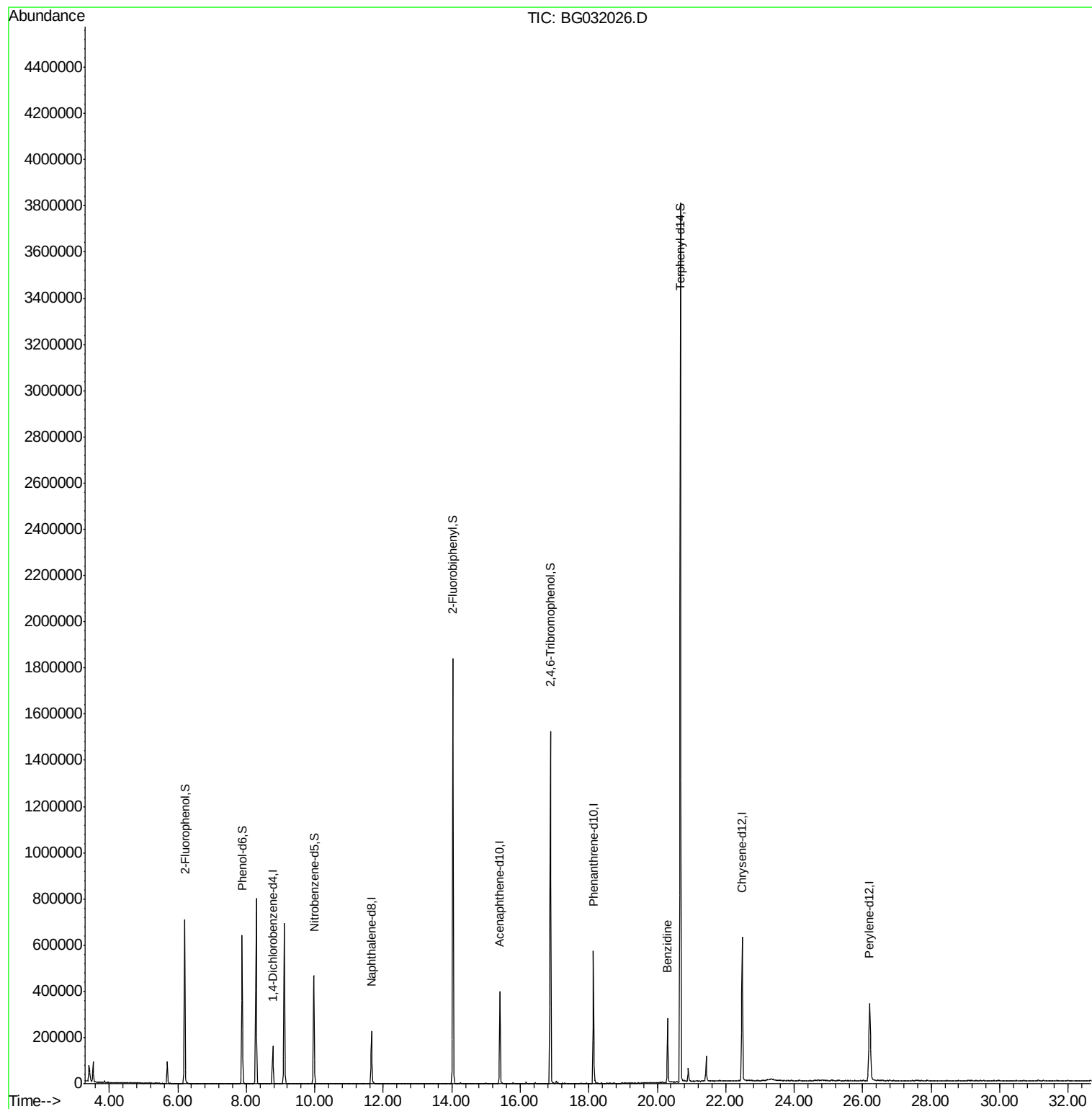
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	56346	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	228268	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	153995	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	400536	20.00	ng	0.00
75) Chrysene-d12	22.48	240	473632	20.00	ng	0.00
86) Perylene-d12	26.20	264	490201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	387898	125.91	ng	0.00
7) Phenol-d6	7.88	99	435168	112.15	ng	0.00
23) Nitrobenzene-d5	9.97	82	311112	92.21	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361038	141.68	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1089373	87.72	ng	0.00
78) Terphenyl-d14	20.67	244	2045898	95.38	ng	0.00
Target Compounds						
76) Benzidine	20.30	184	194649	16.435	ng	Qvalue 99

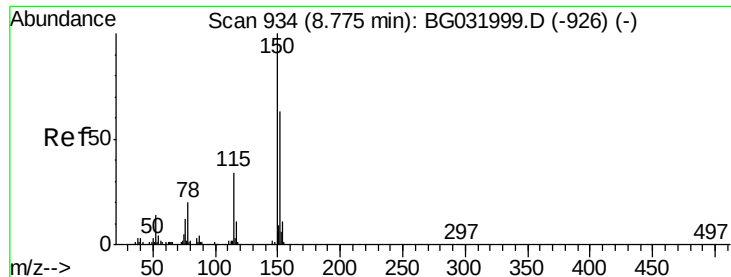
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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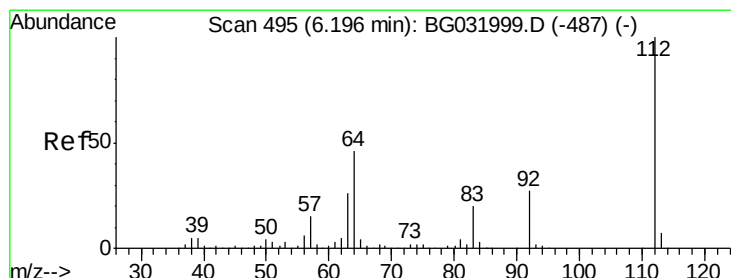
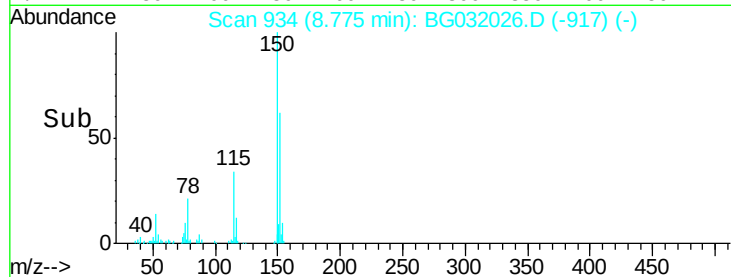
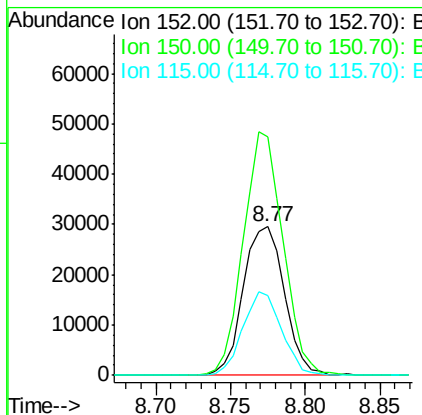
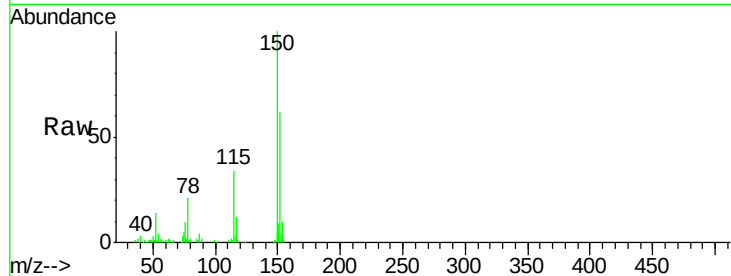


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Instrument :
BNA_G
ClientSampleId :
OR-01-011118

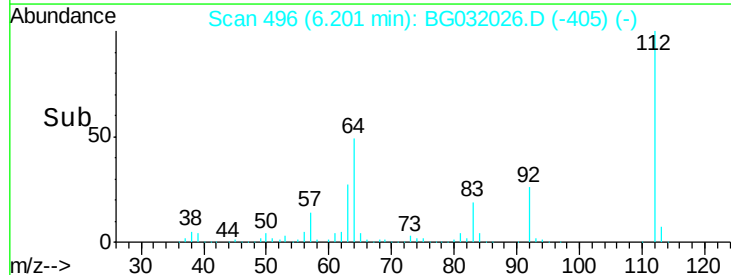
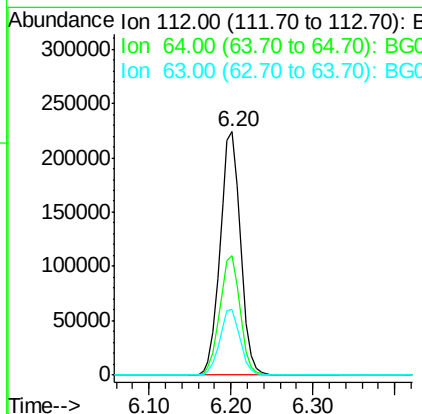
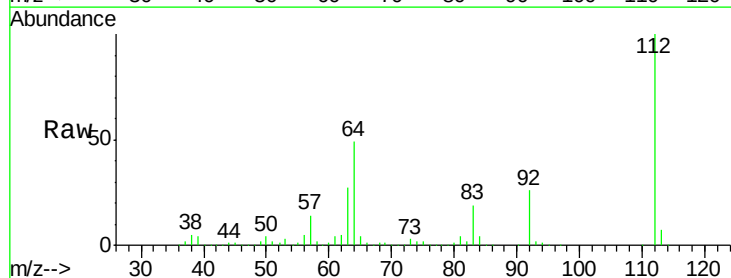
Tgt Ion:152 Resp: 56346
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 53.7 53.0 79.4

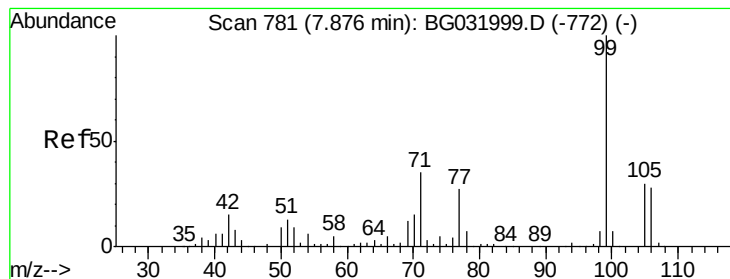


#5

2-Fluorophenol
Concen: 125.908 ng
RT: 6.20 min Scan# 496
Delta R.T. 0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Tgt Ion:112 Resp: 387898
Ion Ratio Lower Upper
112 100
64 49.0 56.3 84.5#
63 26.8 30.1 45.1#





#7

Phenol-d6

Concen: 112.154 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

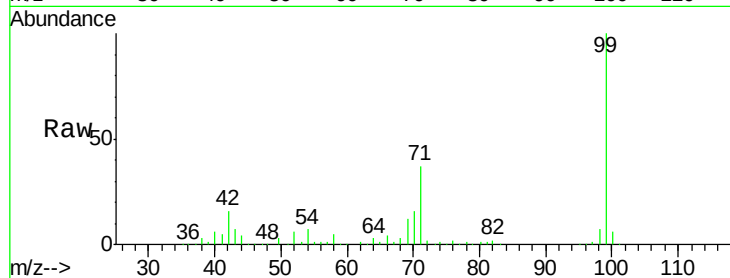
Tgt Ion: 99 Resp: 435168

Ion Ratio Lower Upper

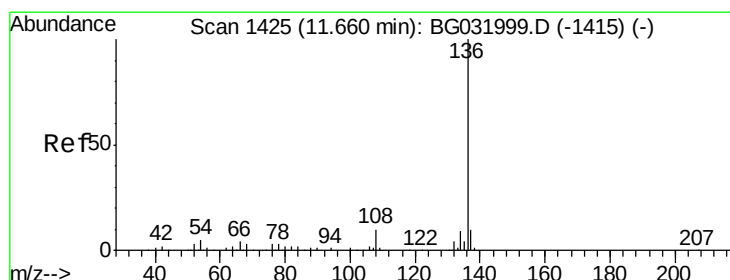
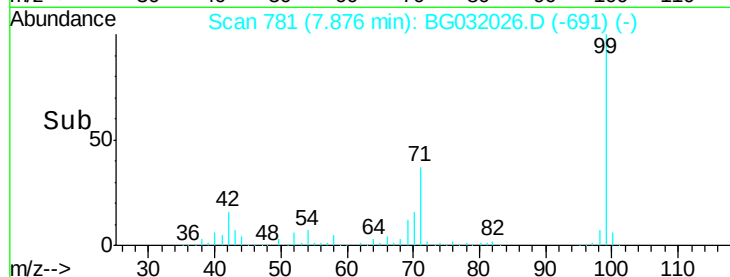
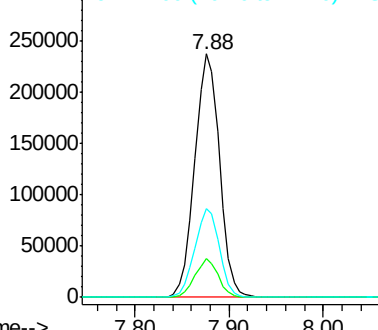
99 100

42 15.9 14.1 21.1

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Tgt Ion: 136 Resp: 228268

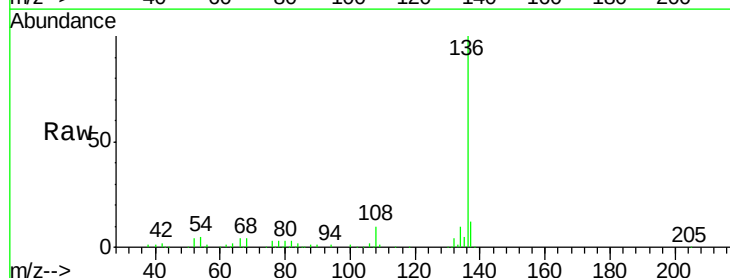
Ion Ratio Lower Upper

136 100

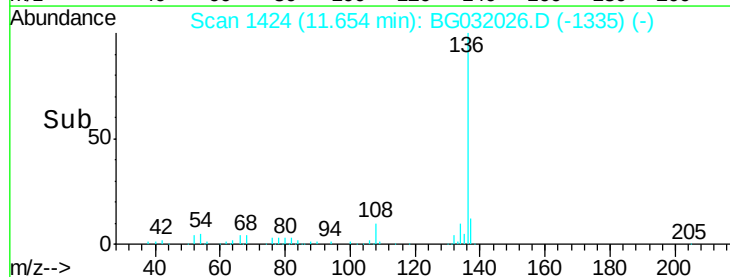
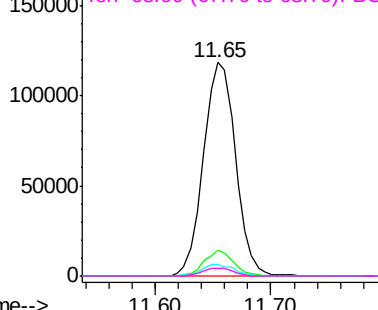
137 11.7 9.2 13.8

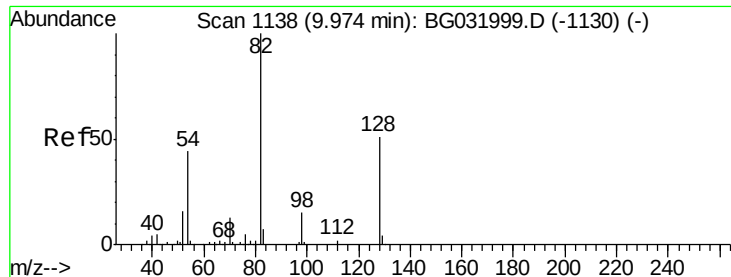
54 5.4 10.3 15.5#

68 3.8 4.5 6.7#



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

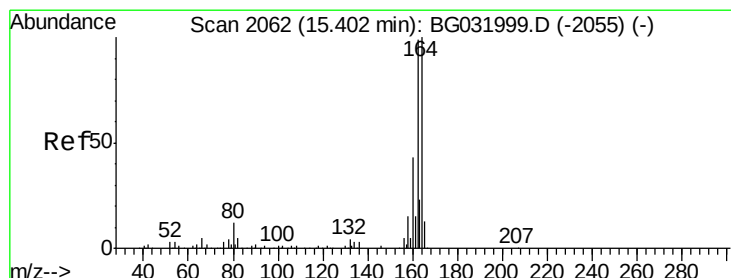
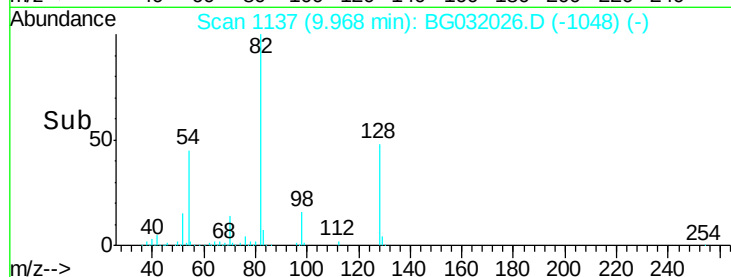
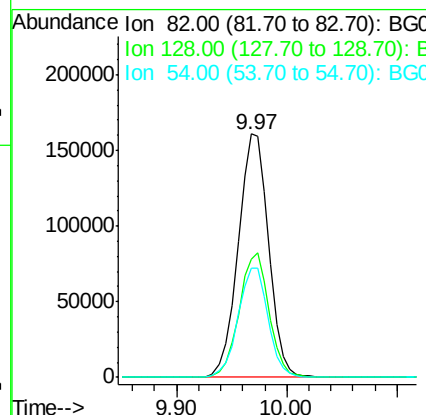
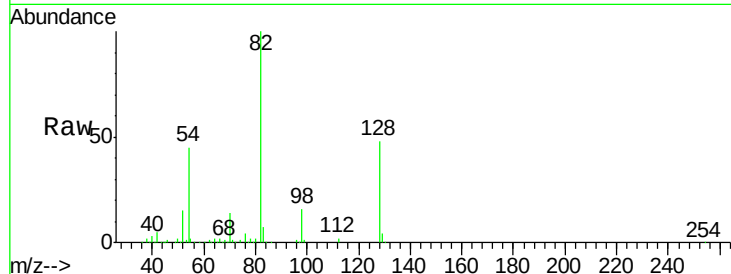




#23
 Nitrobenzene-d5
 Concen: 92.208 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

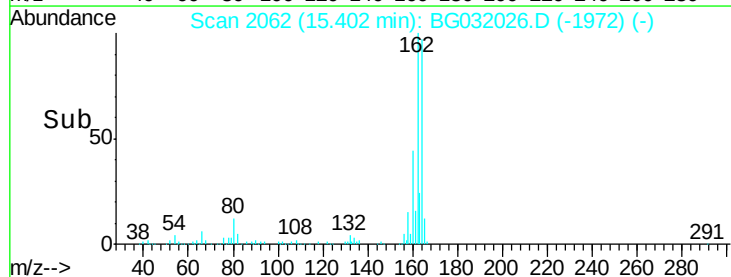
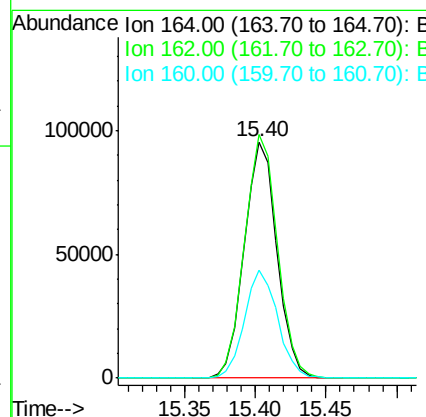
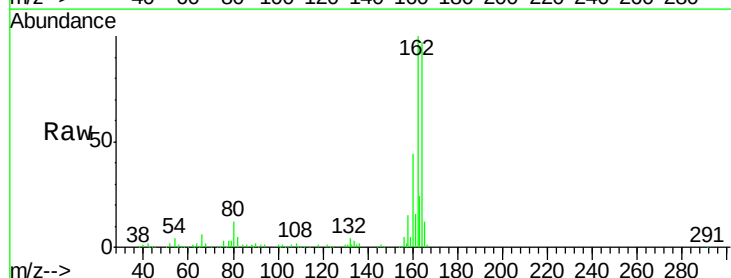
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-011118

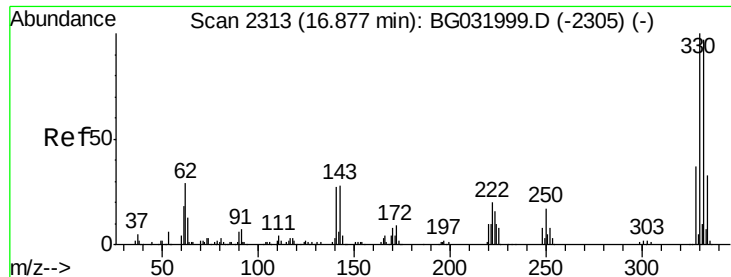
Tgt Ion: 82 Resp: 311112
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 44.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

Tgt Ion: 164 Resp: 153995
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 45.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 141.680 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

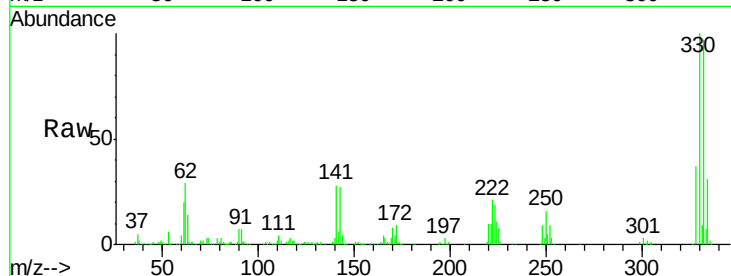
Tgt Ion:330 Resp: 361038

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

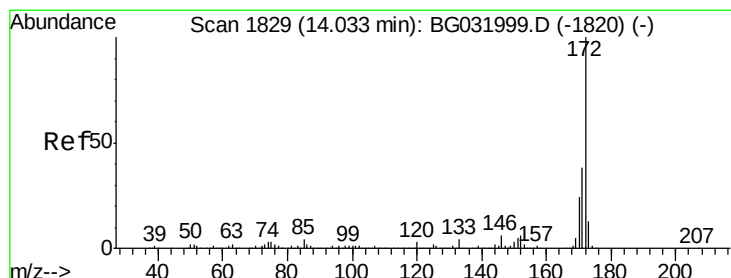
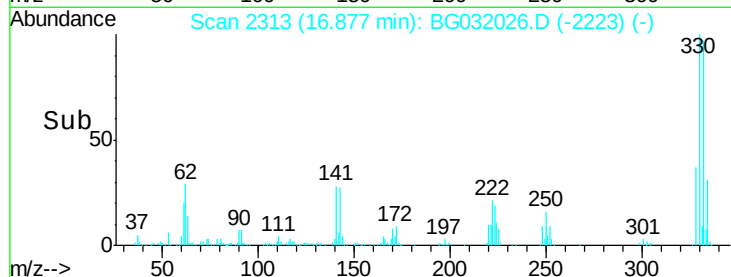
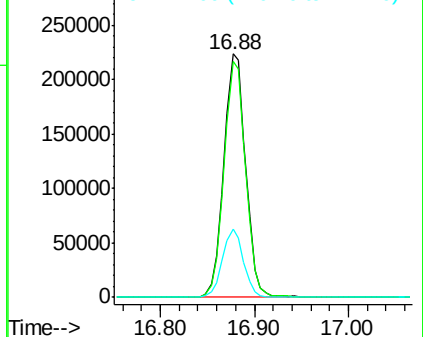
141 27.0 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 87.715 ng

RT: 14.03 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

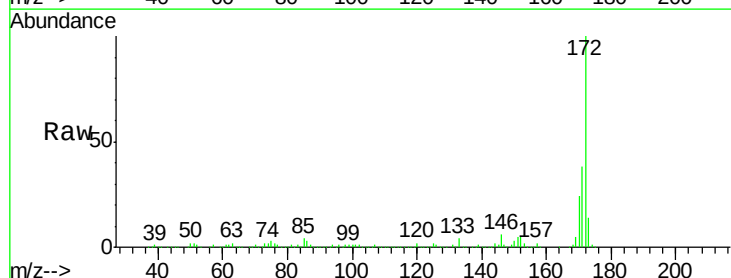
Tgt Ion:172 Resp: 1089373

Ion Ratio Lower Upper

172 100

171 38.2 30.0 45.0

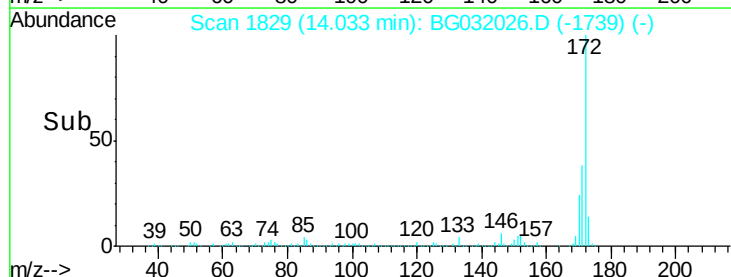
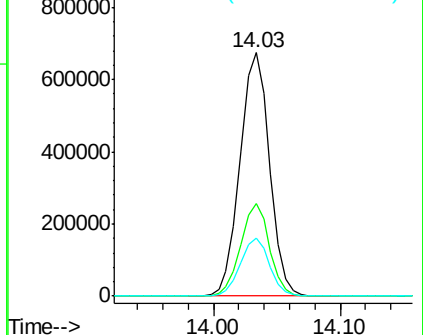
170 23.6 19.5 29.3

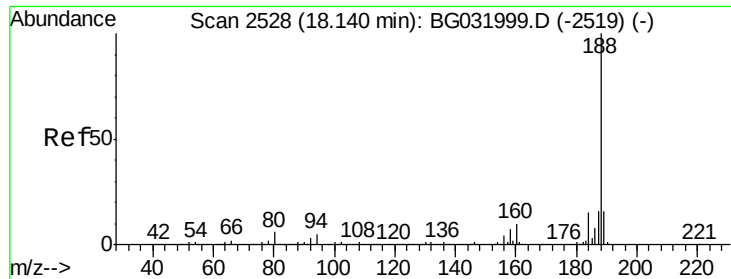


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

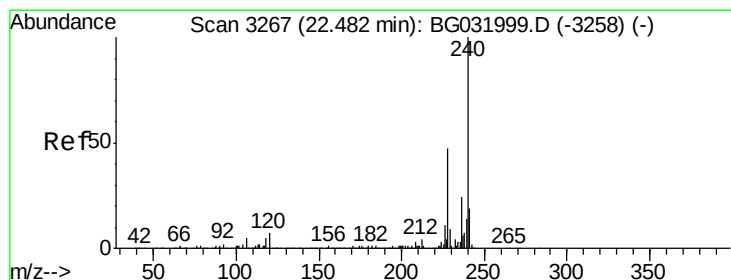
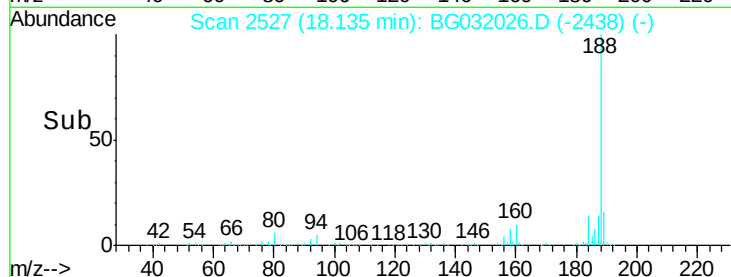
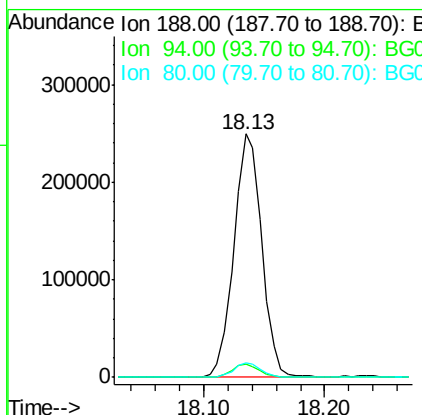
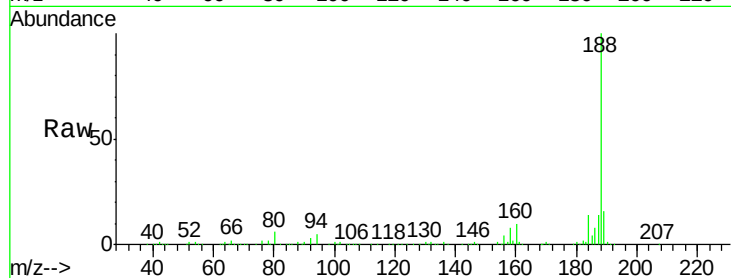




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

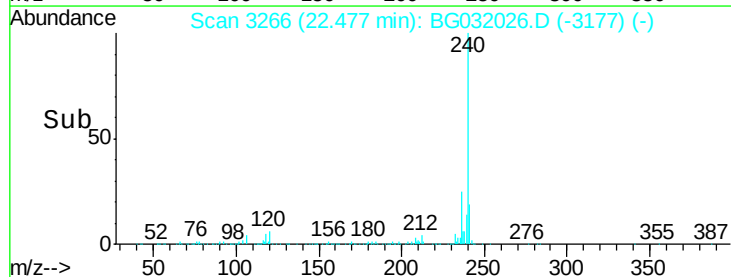
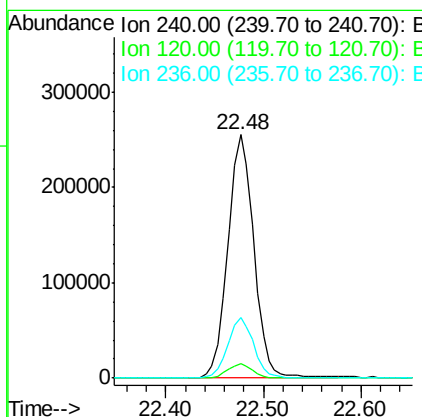
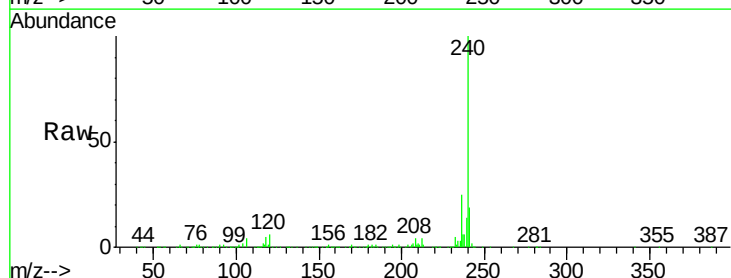
Instrument :
BNA_G
ClientSampleId :
OR-01-011118

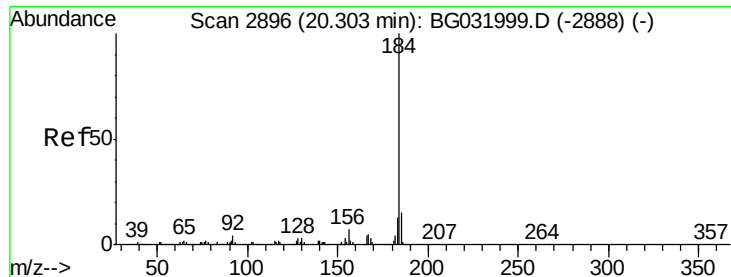
Tgt Ion:188 Resp: 400536
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Tgt Ion:240 Resp: 473632
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.1 20.9 31.3





#76

Benzidine

Concen: 16.435 ng

RT: 20.30 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

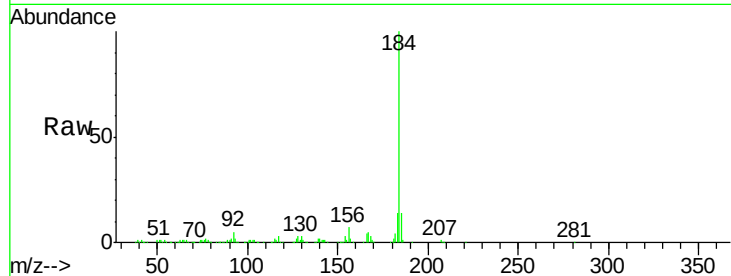
Tgt Ion:184 Resp: 194649

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

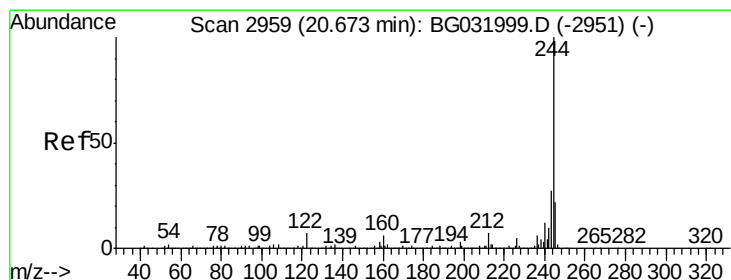
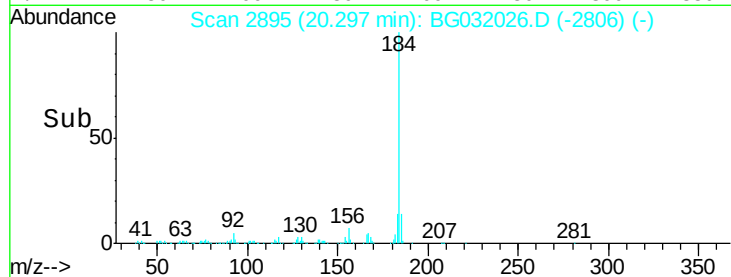
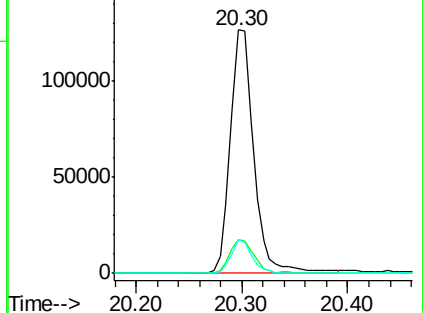
183 13.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 95.379 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

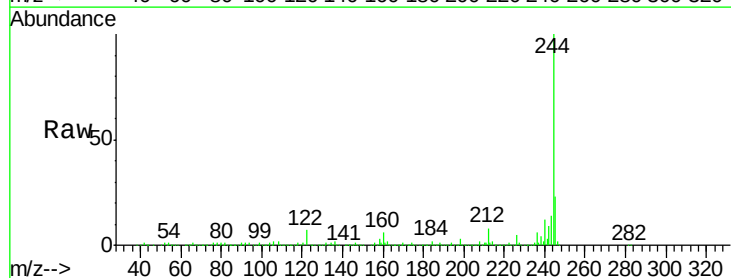
Tgt Ion:244 Resp: 2045898

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

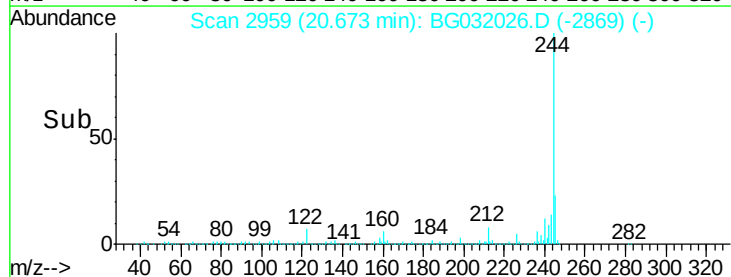
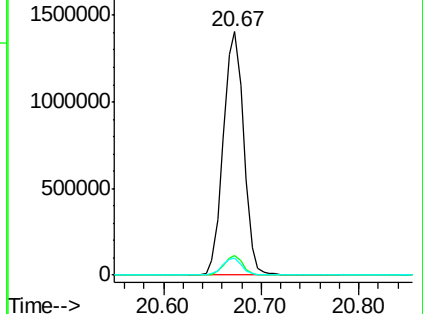
122 6.9 7.0 10.4#

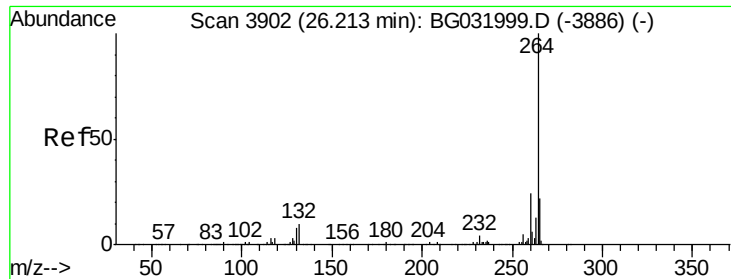


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Instrument :
BNA_G
ClientSampleId :
OR-01-011118

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.8	17.7	26.5

