

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032131.D
 Acq On : 18 Jan 2018 10:15
 Operator : SJ/JU
 Sample : J1163-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-(0-4)

Quant Time: Jan 18 13:02:31 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

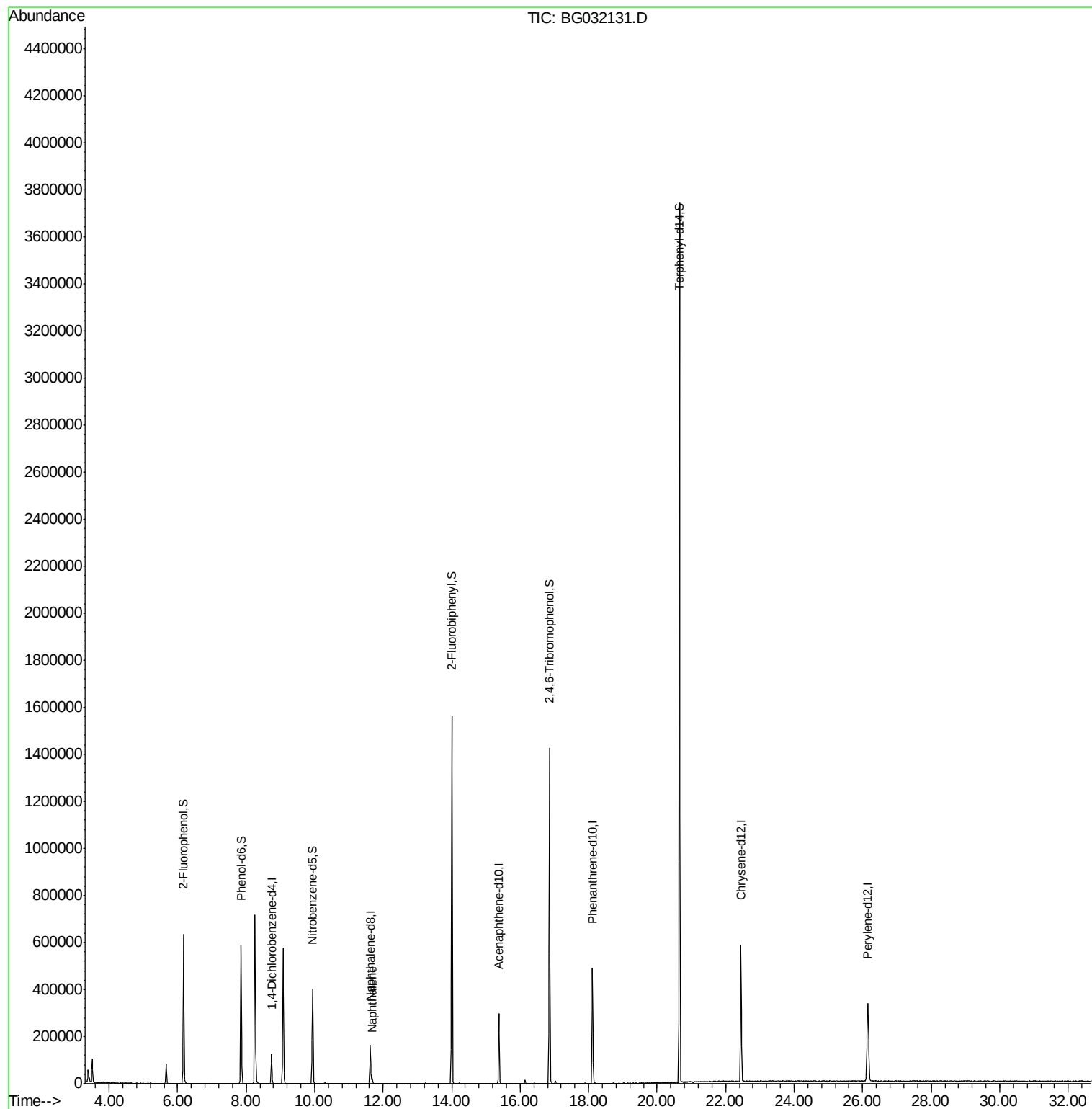
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41429	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	165110	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	113330	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	338144	20.00	ng	0.00
75) Chrysene-d12	22.45	240	441889	20.00	ng	0.00
86) Perylene-d12	26.15	264	470027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	317355	140.10	ng	0.00
7) Phenol-d6	7.85	99	369061	129.36	ng	0.00
23) Nitrobenzene-d5	9.94	82	261602	107.19	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	332353	177.22	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	900270	98.50	ng	0.00
78) Terphenyl-d14	20.65	244	1995766	99.73	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	25713	3.144	ng	Qvalue # 96

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

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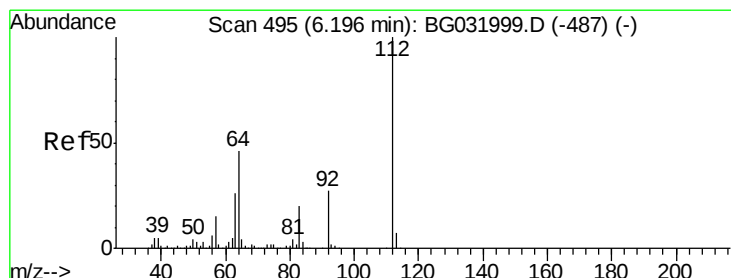
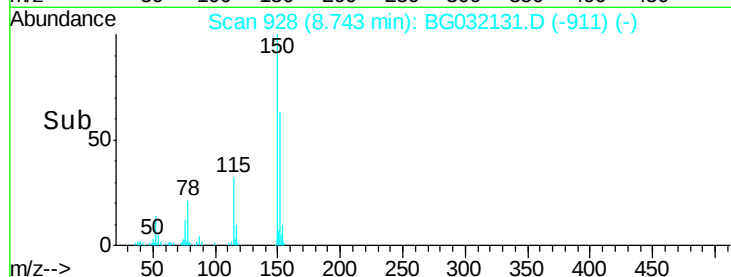
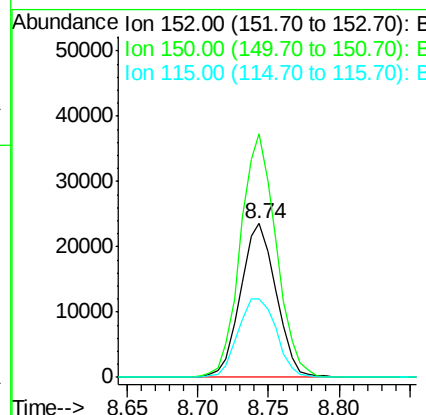
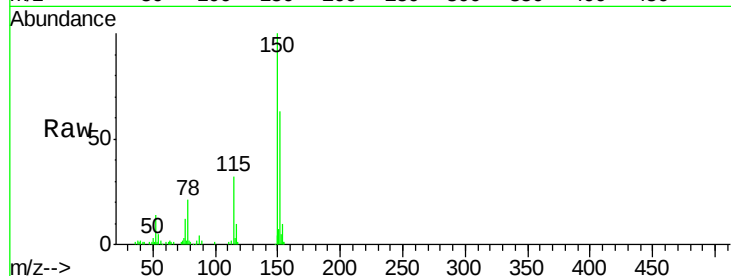


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032131.D
Acq: 18 Jan 2018 10:15

Instrument :
BNA_G
ClientSampleId :
TP-2-(0-4)

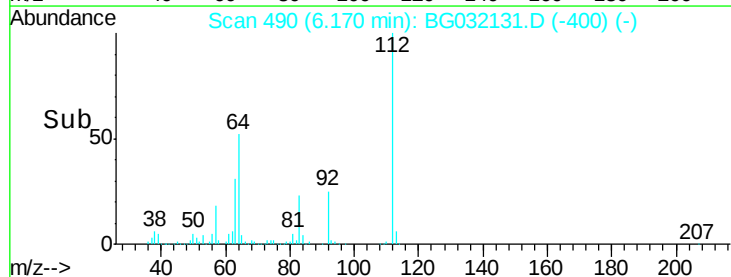
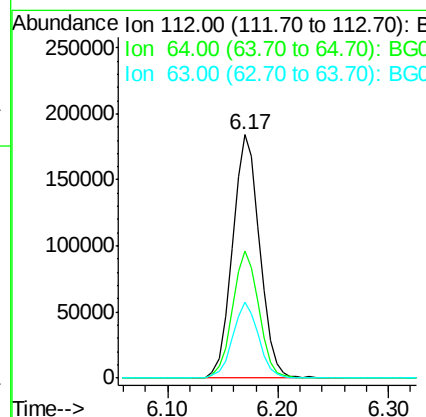
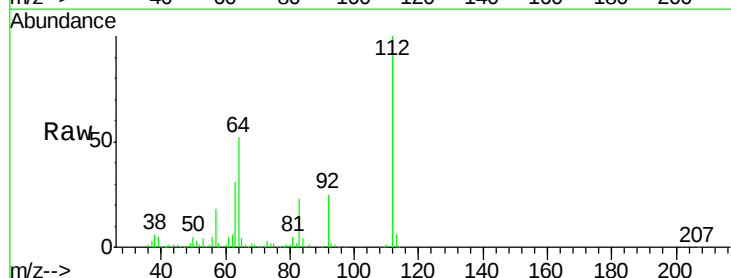
Tgt Ion:152 Resp: 41429
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 50.8 53.0 79.4#

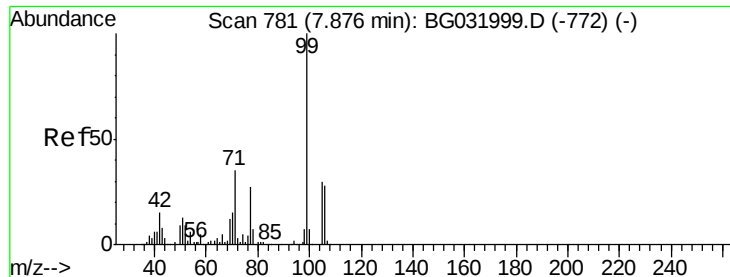


#5

2-Fluorophenol
Concen: 140.100 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032131.D
Acq: 18 Jan 2018 10:15

Tgt Ion:112 Resp: 317355
Ion Ratio Lower Upper
112 100
64 52.3 56.3 84.5#
63 31.1 30.1 45.1





#7

Phenol-d6

Concen: 129.364 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

Instrument :

BNA_G

ClientSampleId :

TP-2-(0-4)

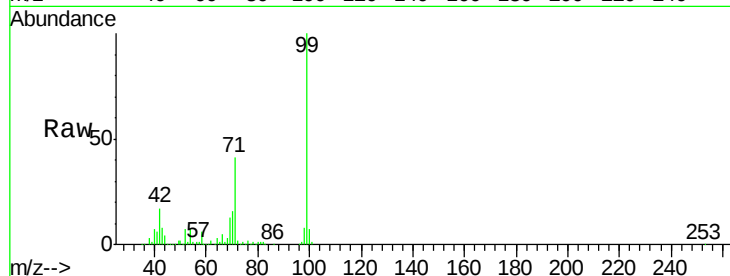
Tgt Ion: 99 Resp: 369061

Ion Ratio Lower Upper

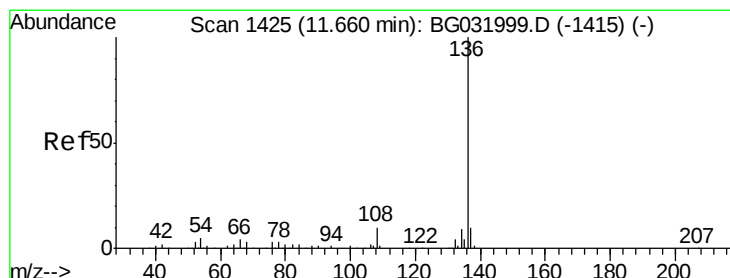
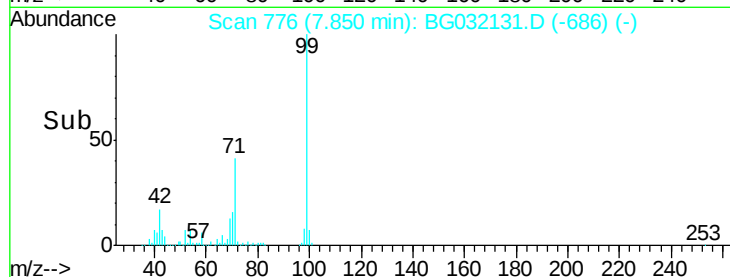
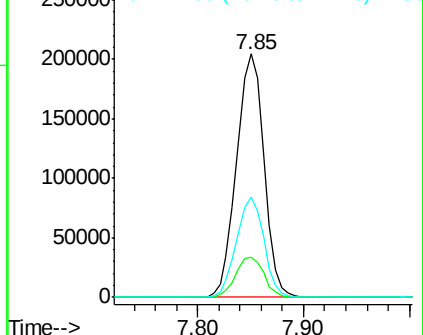
99 100

42 16.7 14.1 21.1

71 41.3 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: 11.62 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

Tgt Ion: 136 Resp: 165110

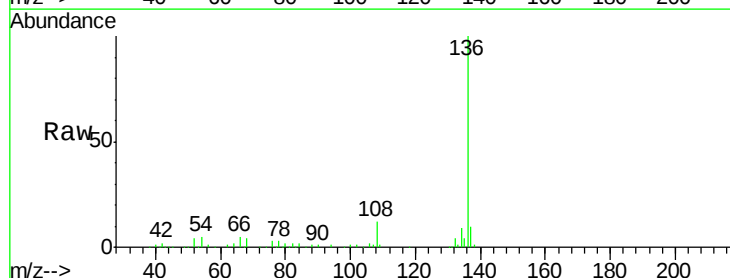
Ion Ratio Lower Upper

136 100

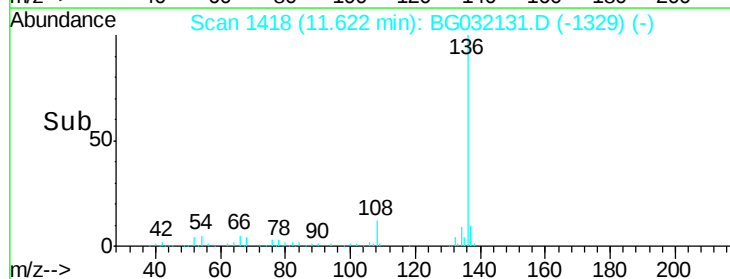
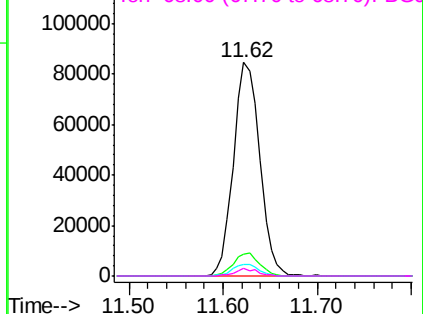
137 9.9 9.2 13.8

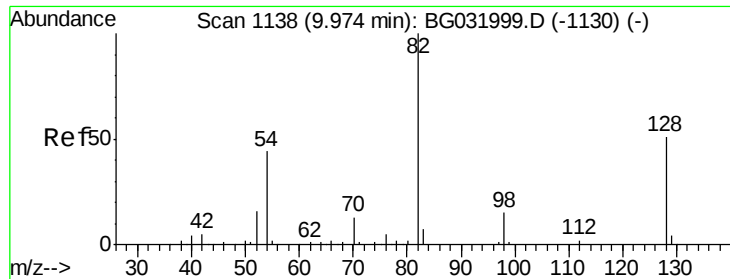
54 5.1 10.3 15.5#

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

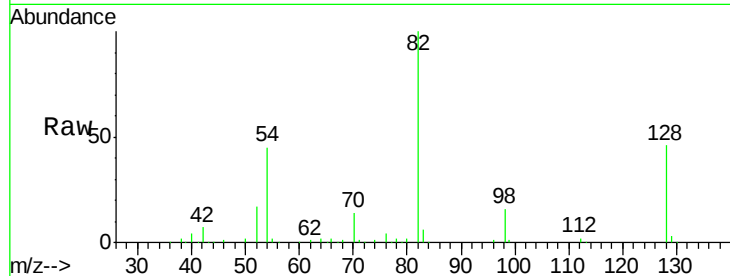




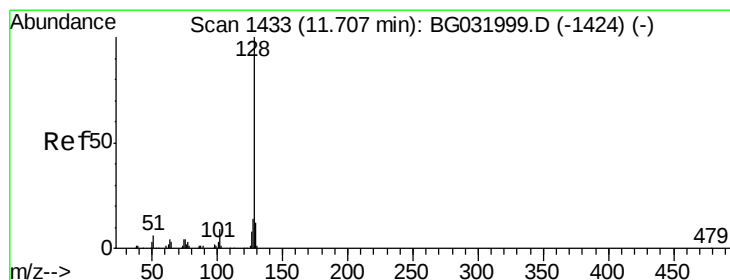
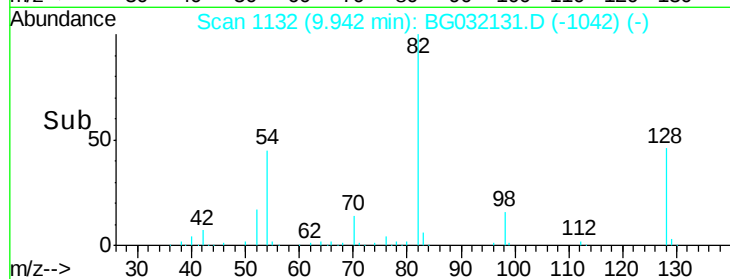
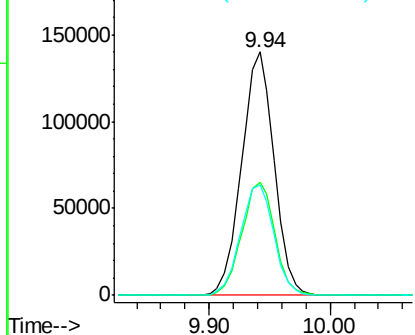
#23
 Nitrobenzene-d5
 Concen: 107.192 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032131.D
 Acq: 18 Jan 2018 10:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-(0-4)

Tgt Ion: 82 Resp: 261602
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 45.3 43.1 64.7

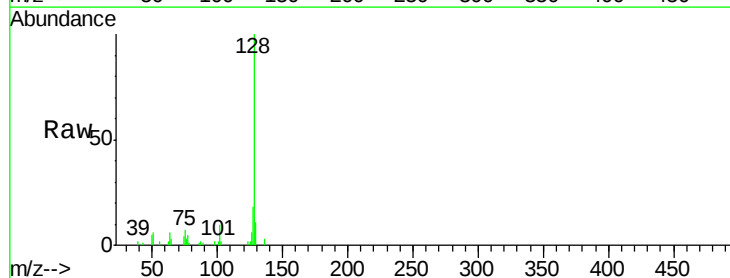


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

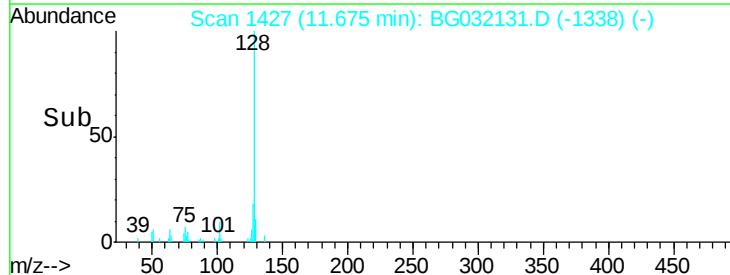
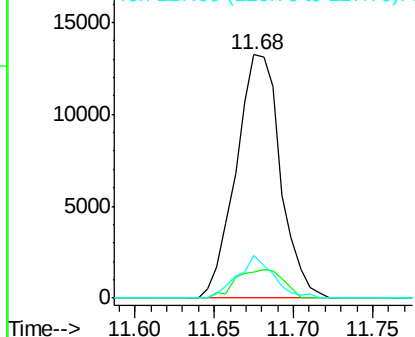


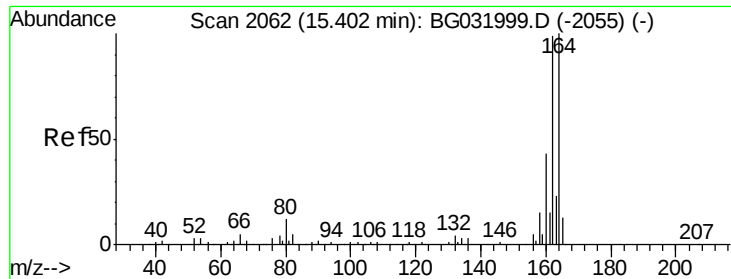
#31
 Naphthalene
 Concen: 3.144 ng
 RT: 11.68 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BG032131.D
 Acq: 18 Jan 2018 10:15

Tgt Ion: 128 Resp: 25713
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 17.6 11.6 17.4#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

Instrument :

BNA_G

ClientSampleId :

TP-2-(0-4)

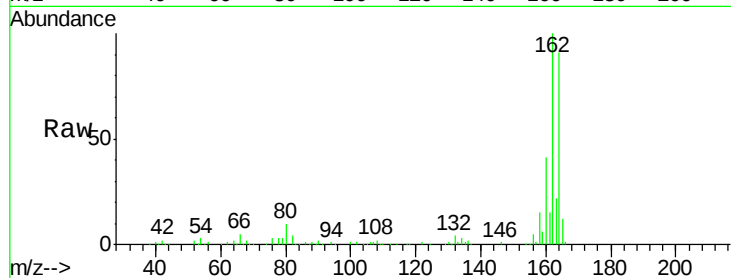
Tgt Ion:164 Resp: 113330

Ion Ratio Lower Upper

164 100

162 110.2 78.8 118.2

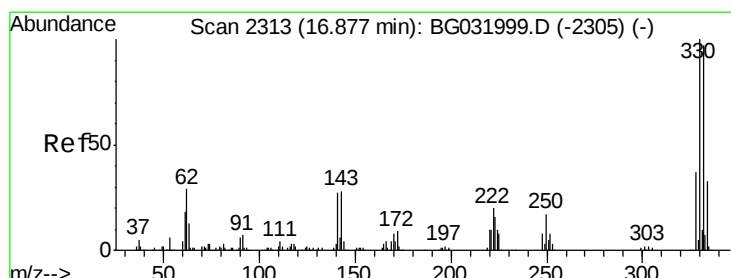
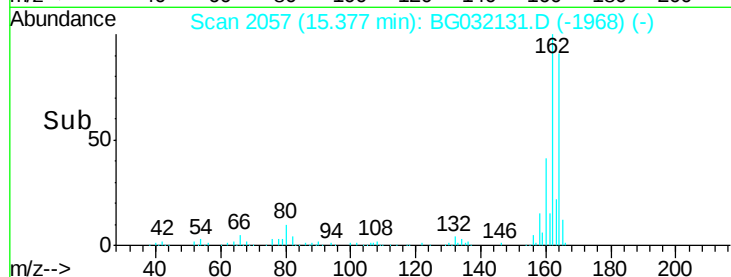
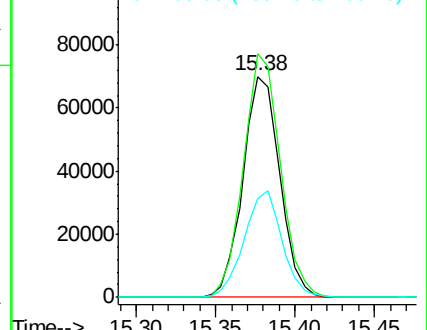
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 177.222 ng

RT: 16.86 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

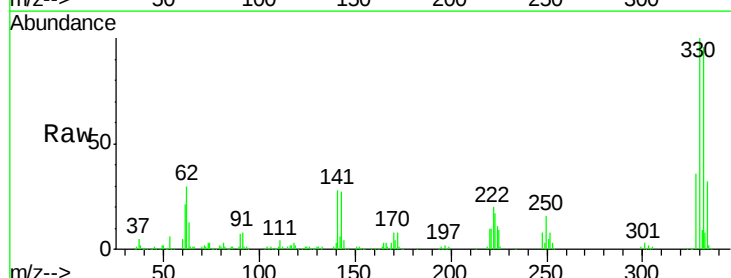
Tgt Ion:330 Resp: 332353

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

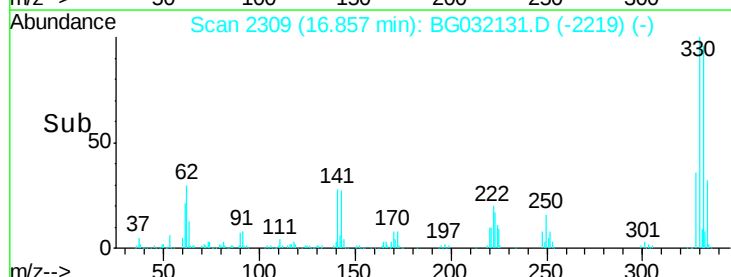
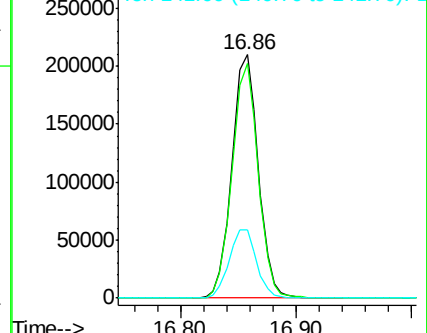
141 29.0 25.2 37.8

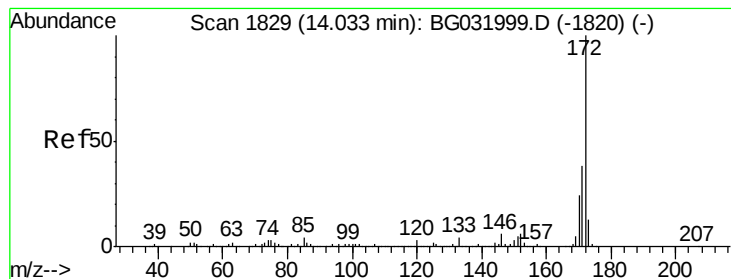


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.499 ng

RT: 14.01 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

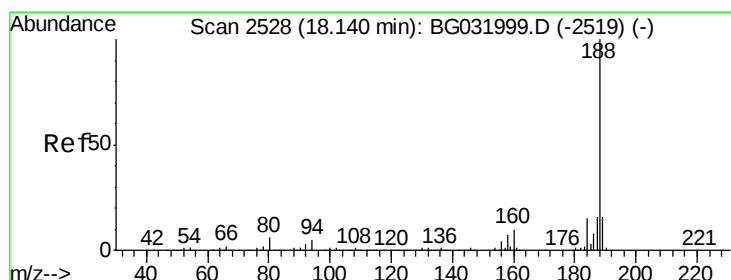
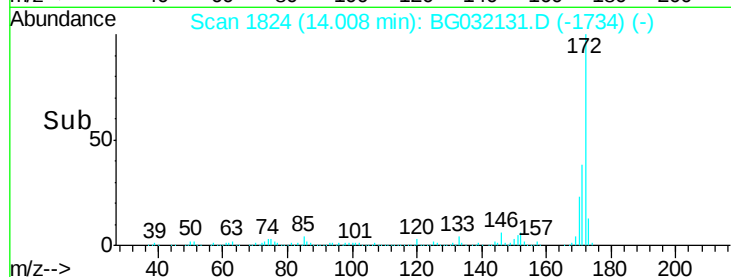
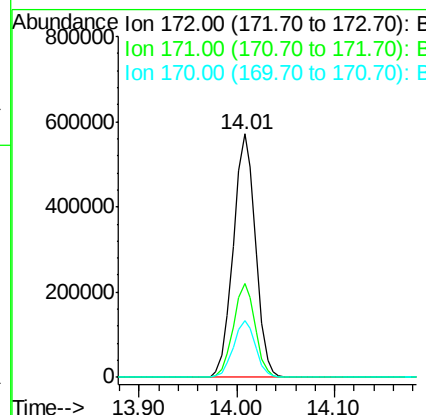
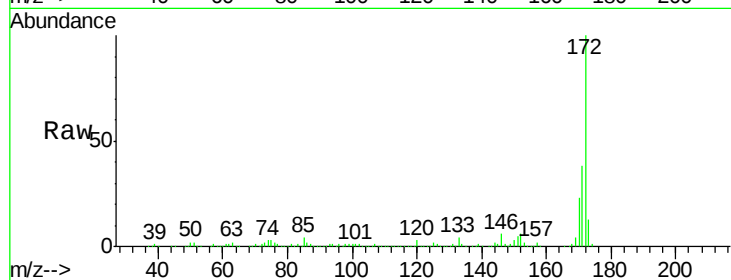
Instrument :

BNA_G

ClientSampleId :

TP-2-(0-4)

Tgt Ion:	172	Resp:	900270
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.5	19.5	29.3



#63

Phenanthrene-d10

Concen: 20.000 ng

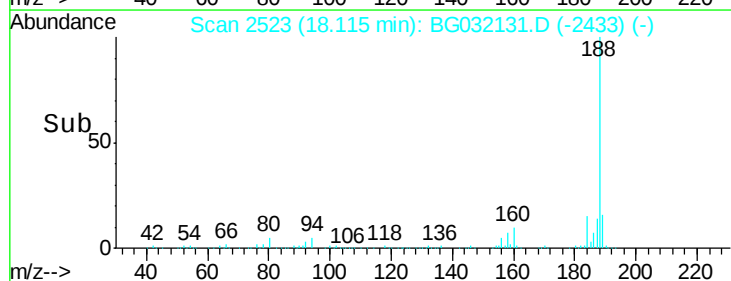
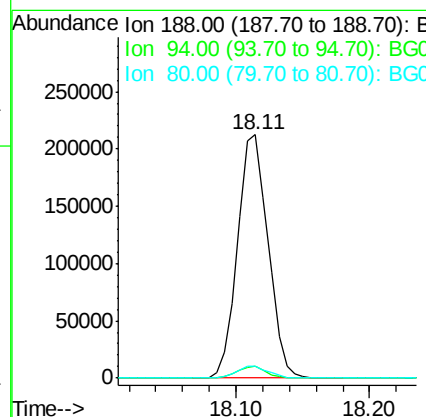
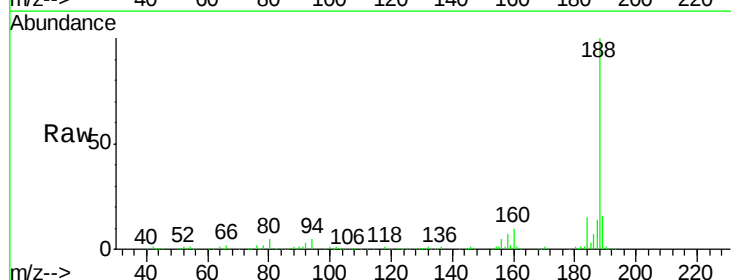
RT: 18.11 min Scan# 2523

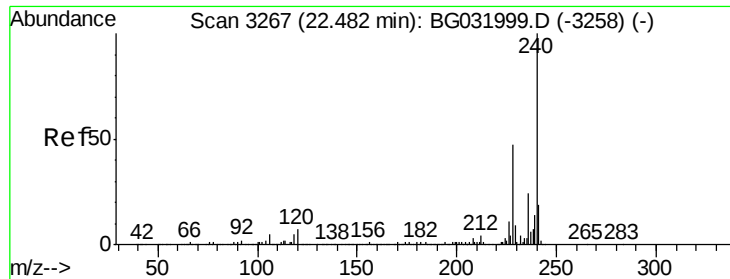
Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

Tgt Ion:	188	Resp:	338144
Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

Instrument :

BNA_G

ClientSampleId :

TP-2-(0-4)

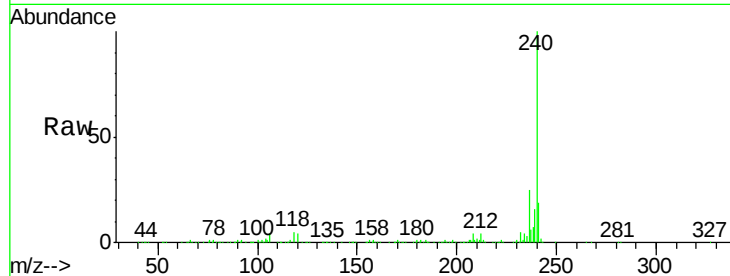
Tgt Ion:240 Resp: 441889

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

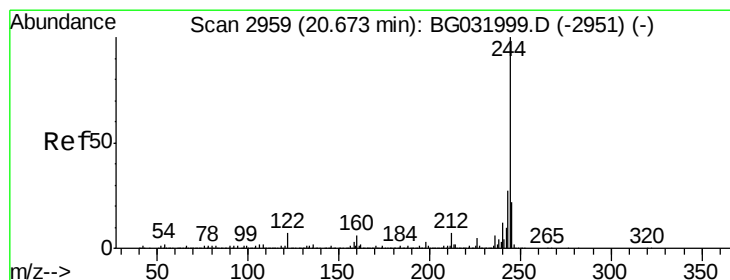
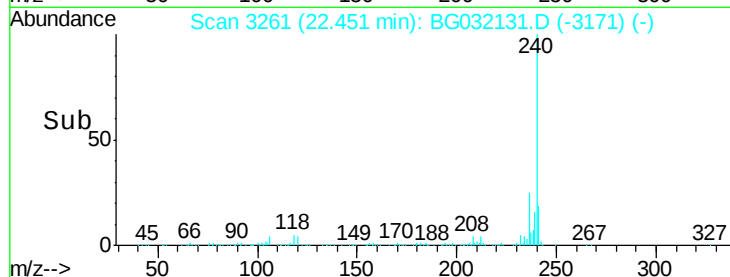
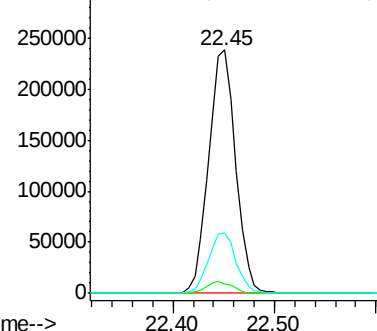
236 24.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 99.725 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032131.D

Acq: 18 Jan 2018 10:15

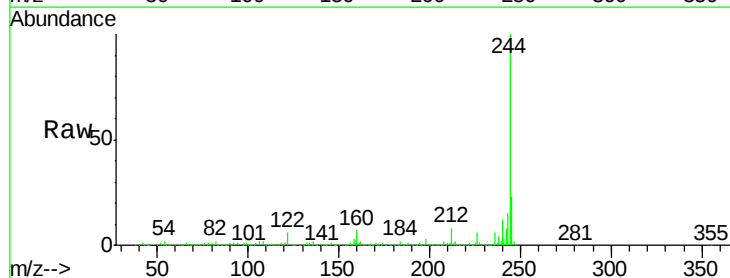
Tgt Ion:244 Resp: 1995766

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

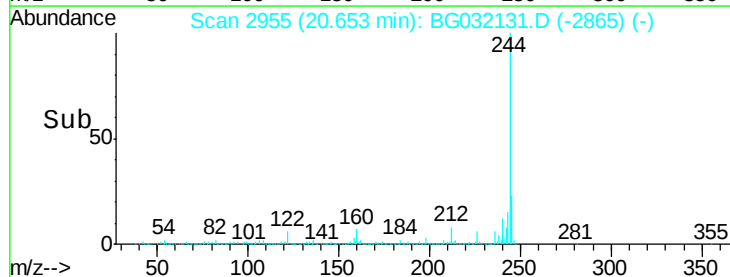
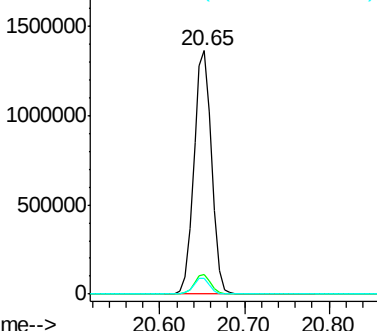
122 6.3 7.0 10.4#

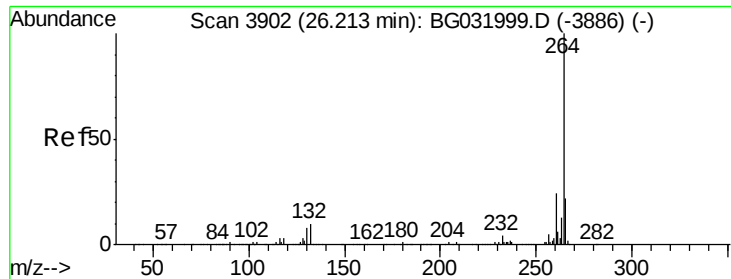


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.15 min Scan# 3891
Delta R.T. 0.00 min
Lab File: BG032131.D
Acq: 18 Jan 2018 10:15

Instrument :
BNA_G
ClientSampleId :
TP-2-(0-4)

Tgt Ion: 264 Resp: 470027
Ion Ratio Lower Upper
264 100
260 21.9 17.4 26.0
265 21.4 17.7 26.5

