

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032077.D
 Acq On : 16 Jan 2018 19:53
 Operator : SJ/JU
 Sample : J1016-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218

Quant Time: Jan 17 02:02:41 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

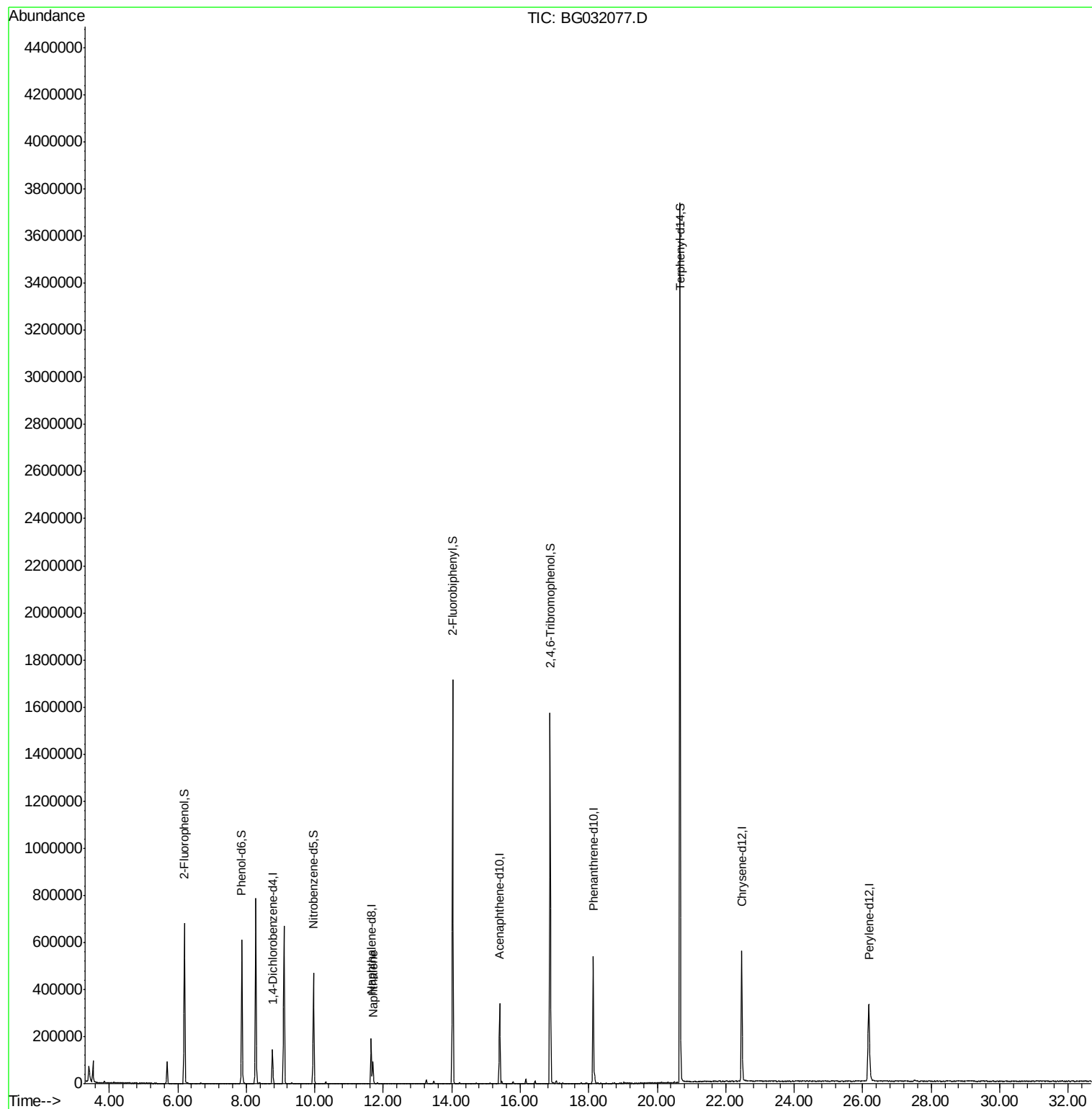
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	48771	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	190851	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	128773	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	360429	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	445135	20.00	ng	-0.02
86) Perylene-d12	26.17	264	459057	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	361750	135.66	ng	0.00
7) Phenol-d6	7.87	99	397777	118.44	ng	0.00
23) Nitrobenzene-d5	9.96	82	301326	106.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	353889	166.08	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1031818	99.35	ng	0.00
78) Terphenyl-d14	20.66	244	2017079	100.06	ng	-0.01
Target Compounds						
31) Naphthalene	11.70	128	89444	9.461	ng	Qvalue 97

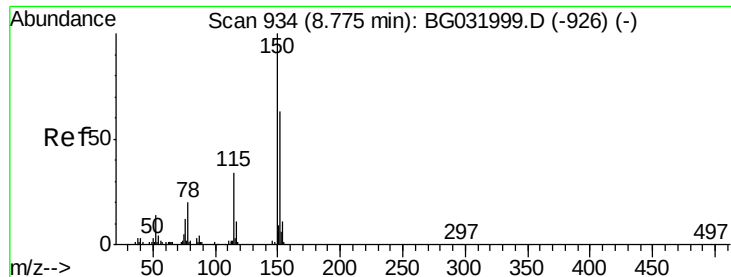
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032077.D
Acq On : 16 Jan 2018 19:53
Operator : SJ/JU
Sample : J1016-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-011218

Quant Time: Jan 17 02:02:41 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



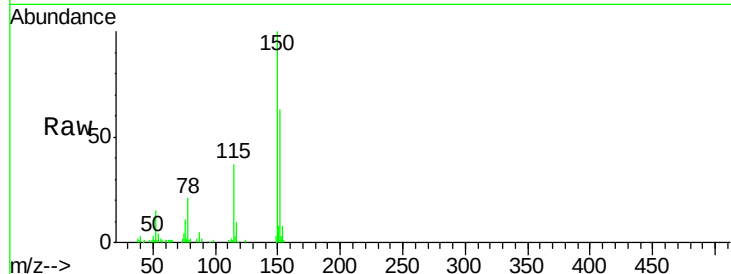


#1

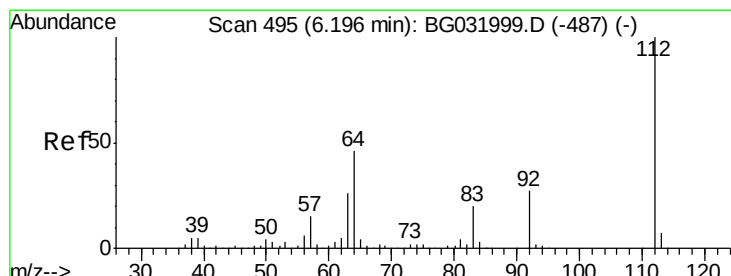
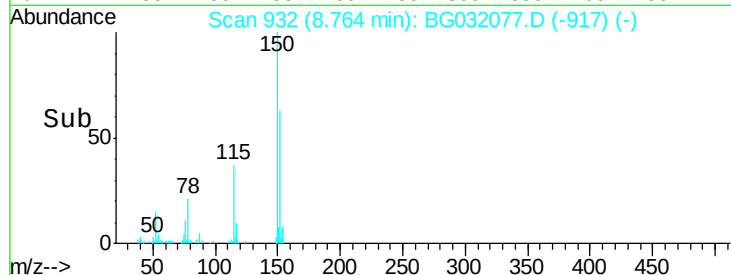
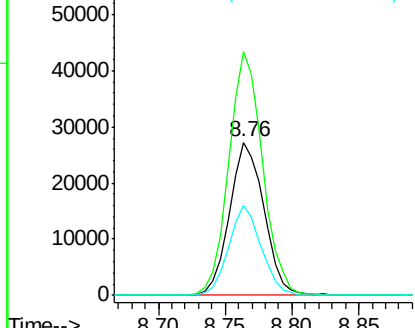
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032077.D
Acq: 16 Jan 2018 19:53

Instrument :
BNA_G
ClientSampleId :
OK-02-011218

Tgt Ion:152 Resp: 48771
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 58.9 53.0 79.4



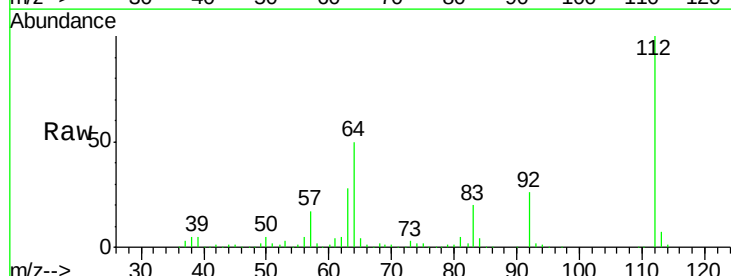
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



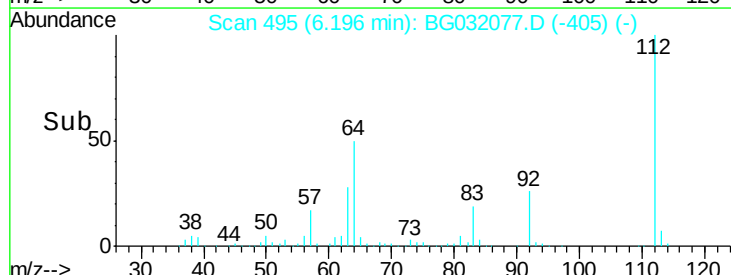
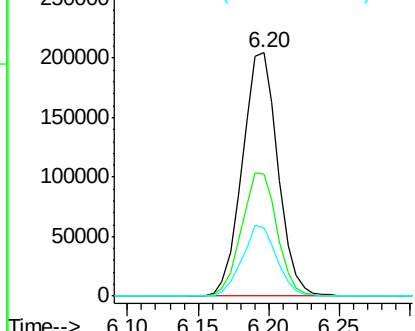
#5

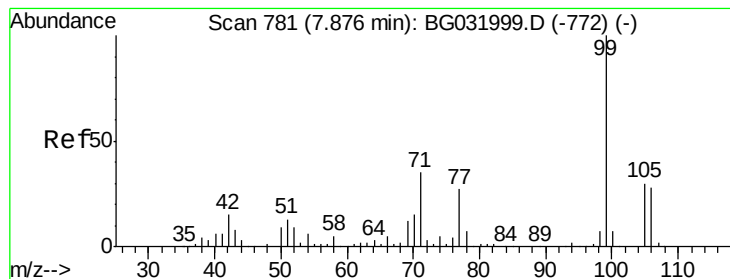
2-Fluorophenol
Concen: 135.658 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032077.D
Acq: 16 Jan 2018 19:53

Tgt Ion:112 Resp: 361750
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 28.3 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: 118.440 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

OK-02-011218

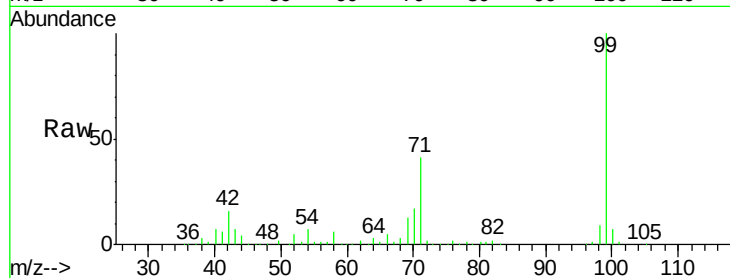
Tgt Ion: 99 Resp: 397777

Ion Ratio Lower Upper

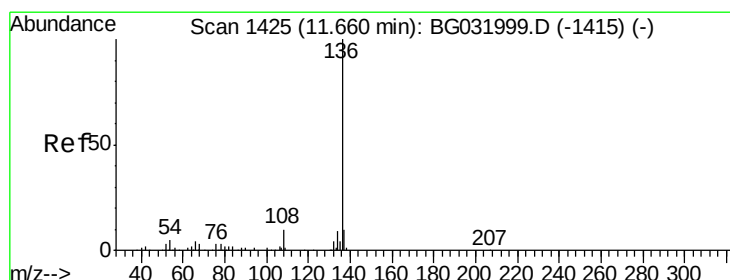
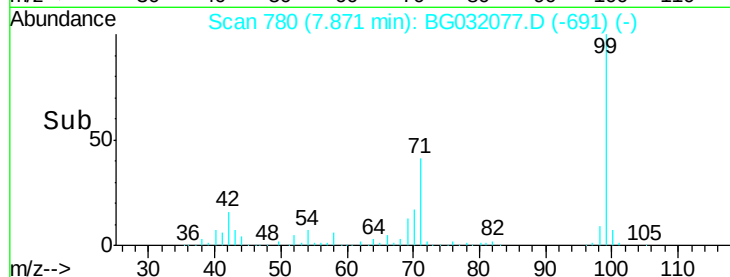
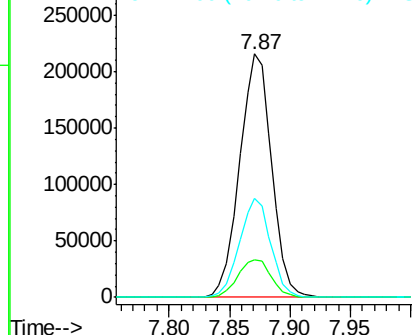
99 100

42 15.6 14.1 21.1

71 40.8 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# 1423

Delta R.T. -0.01 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

Tgt Ion: 136 Resp: 190851

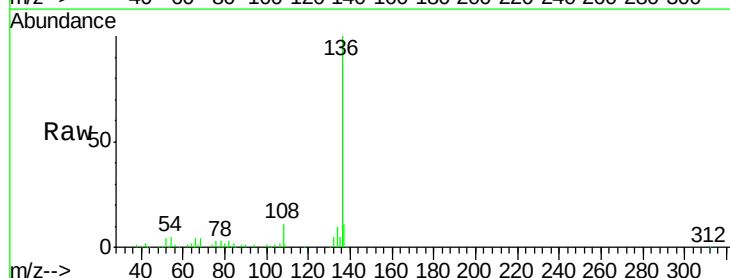
Ion Ratio Lower Upper

136 100

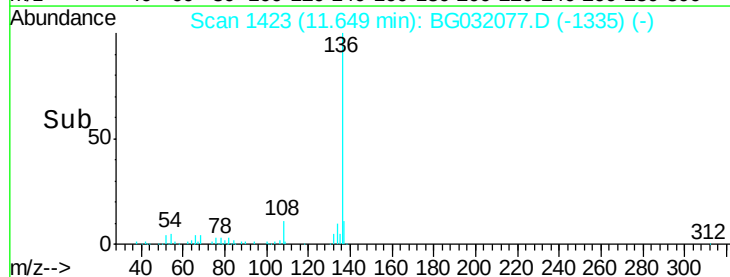
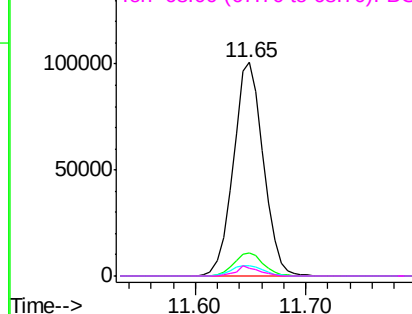
137 10.9 9.2 13.8

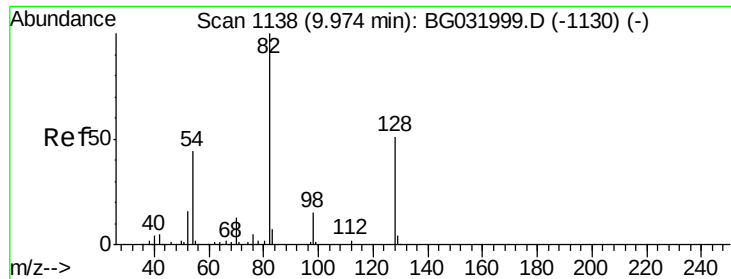
54 4.7 10.3 15.5#

68 3.7 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

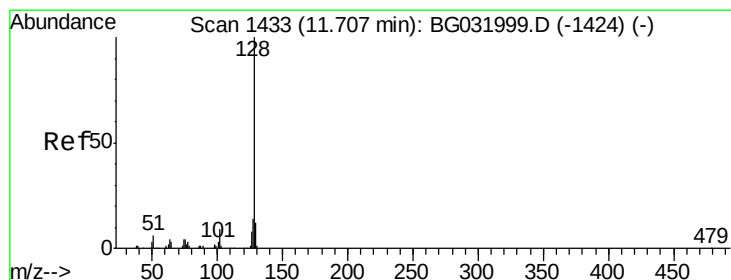
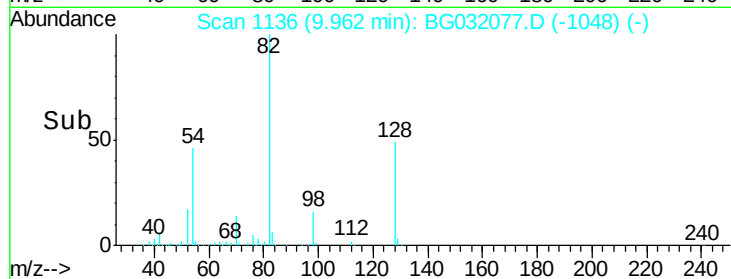
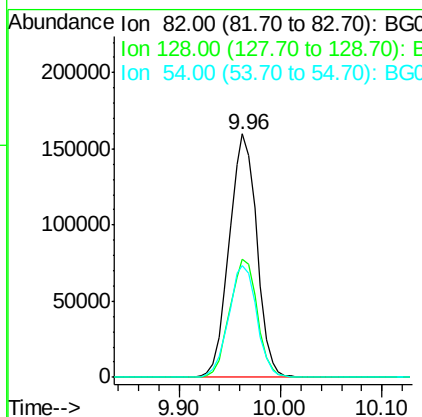
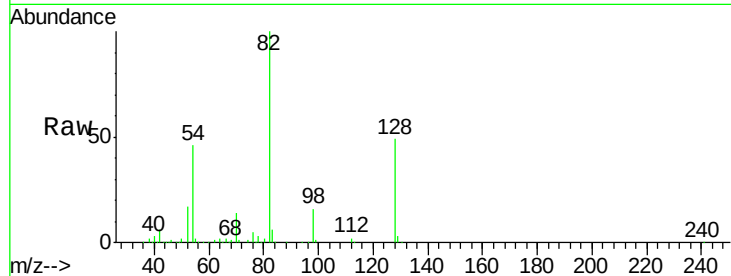




#23
 Nitrobenzene-d5
 Concen: 106.816 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032077.D
 Acq: 16 Jan 2018 19:53

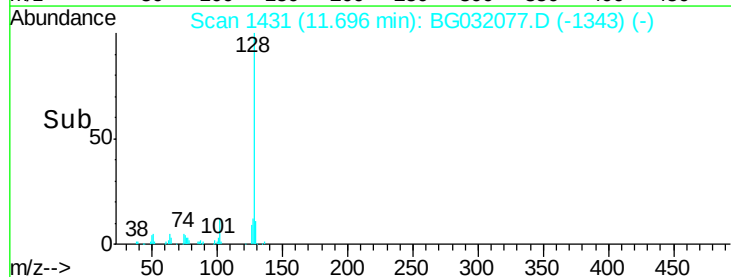
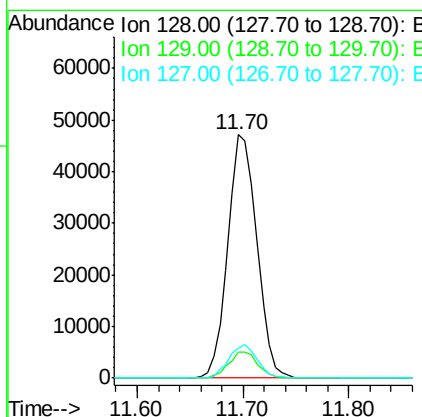
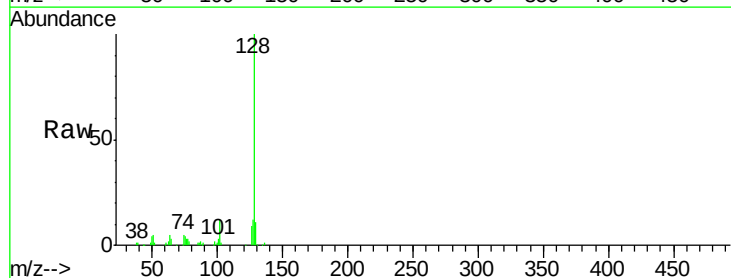
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218

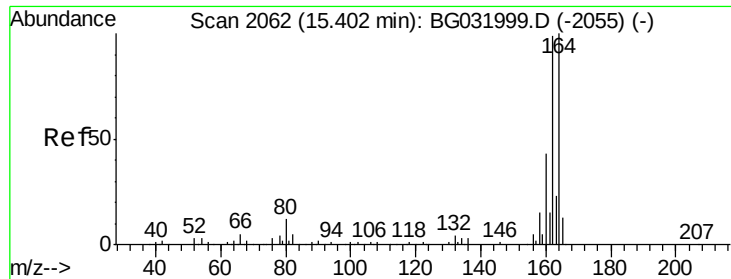
Tgt Ion: 82 Resp: 301326
 Ion Ratio Lower Upper
 82 100
 128 48.6 29.7 44.5#
 54 46.0 43.1 64.7



#31
 Naphthalene
 Concen: 9.461 ng
 RT: 11.70 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BG032077.D
 Acq: 16 Jan 2018 19:53

Tgt Ion: 128 Resp: 89444
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 12.5 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

OK-02-011218

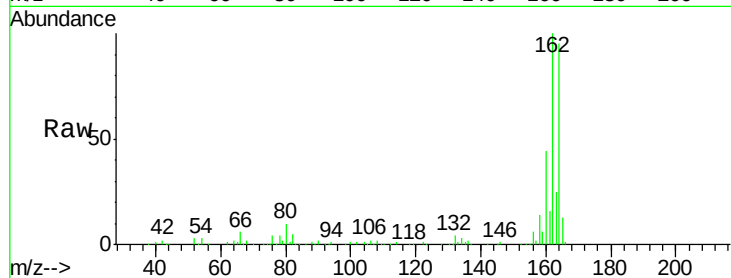
Tgt Ion:164 Resp: 128773

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

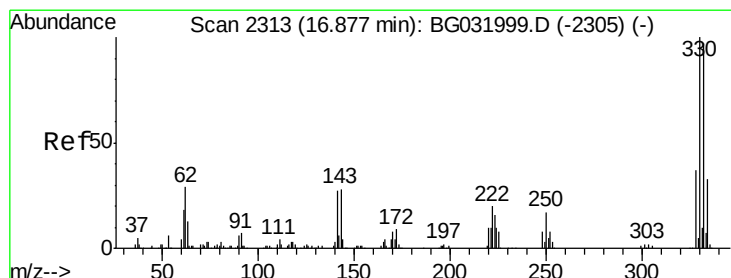
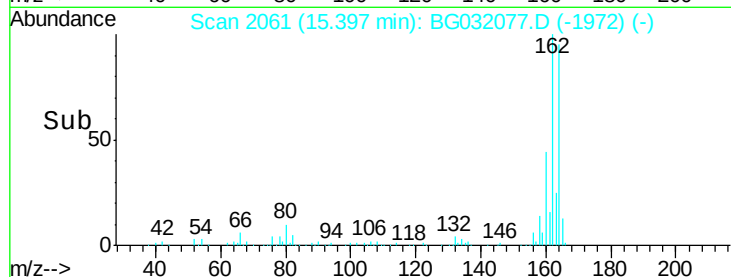
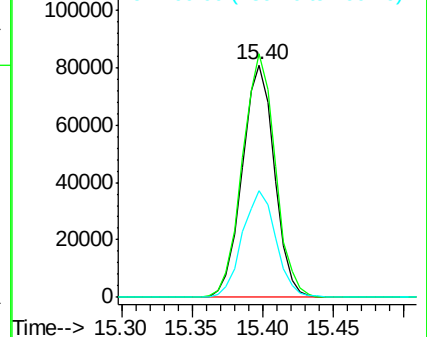
160 45.8 35.4 53.0



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: 166.075 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

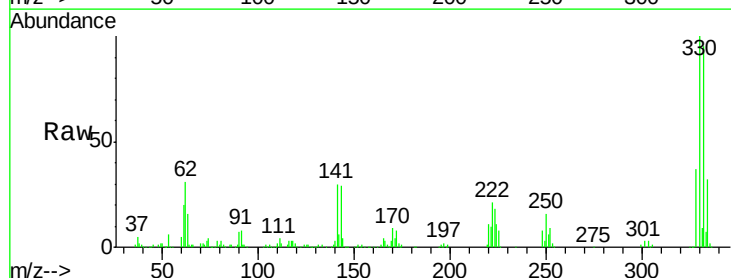
Tgt Ion:330 Resp: 353889

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

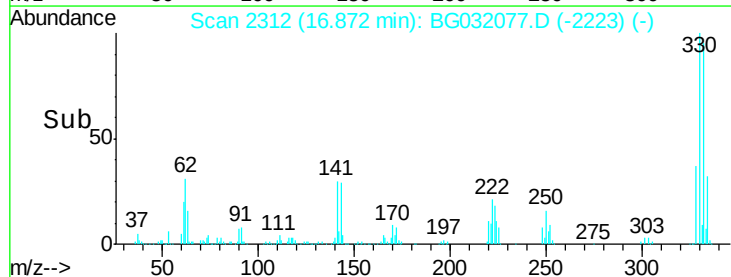
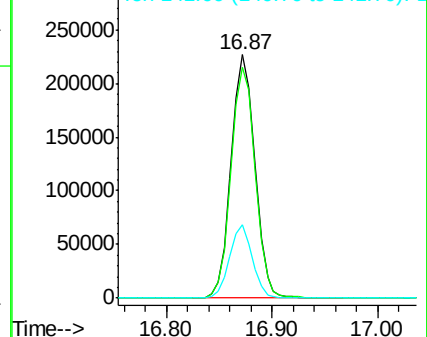
141 28.8 25.2 37.8

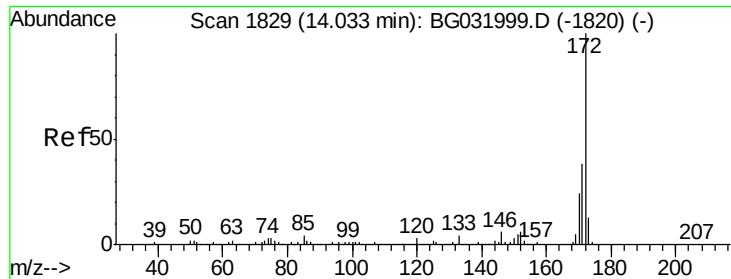


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

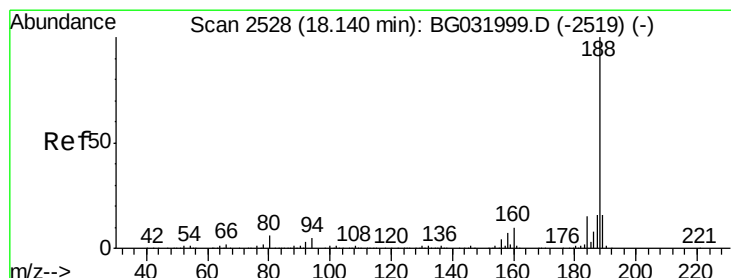
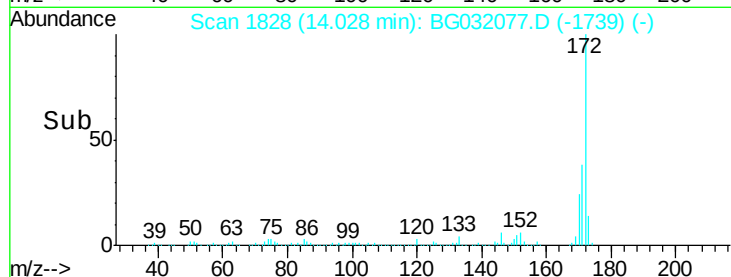
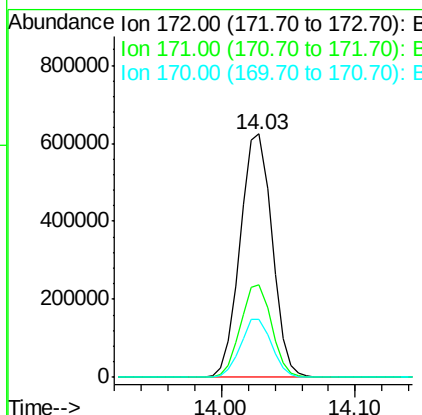
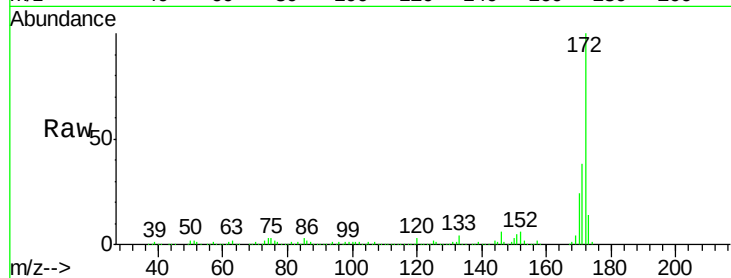




#44
 2-Fluorobiphenyl
 Concen: 99.353 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032077.D
 Acq: 16 Jan 2018 19:53

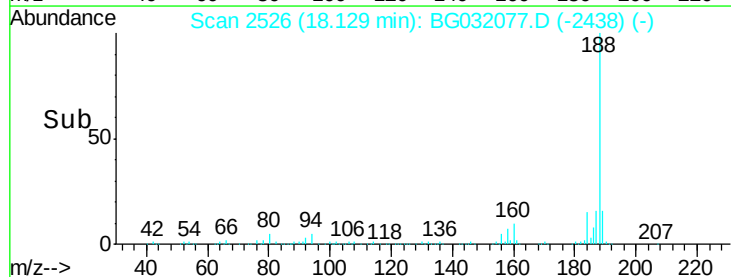
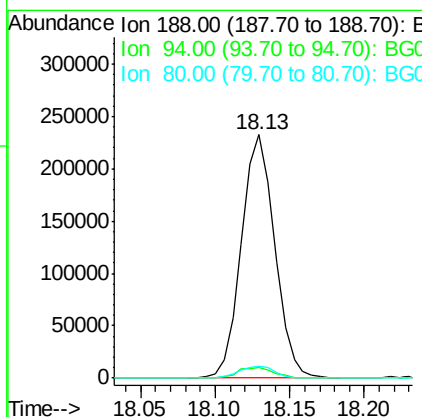
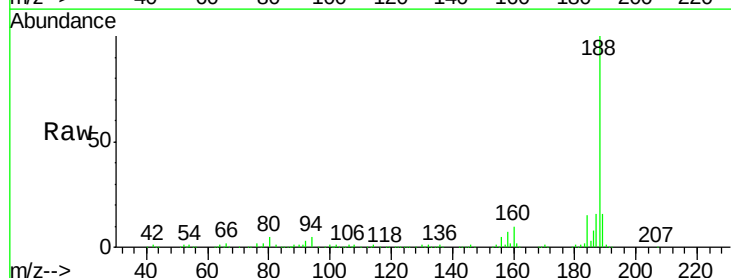
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218

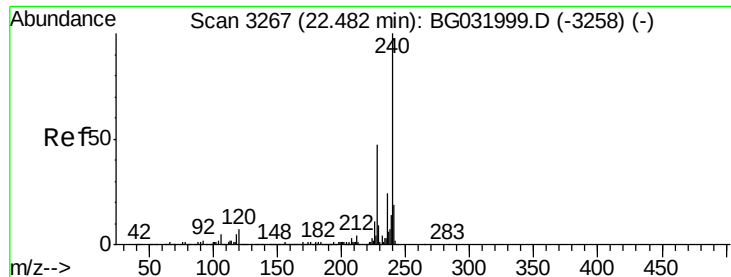
Tgt Ion:172 Resp: 1031818
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032077.D
 Acq: 16 Jan 2018 19:53

Tgt Ion:188 Resp: 360429
 Ion Ratio Lower Upper
 188 100
 94 4.6 6.9 10.3#
 80 4.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

OK-02-011218

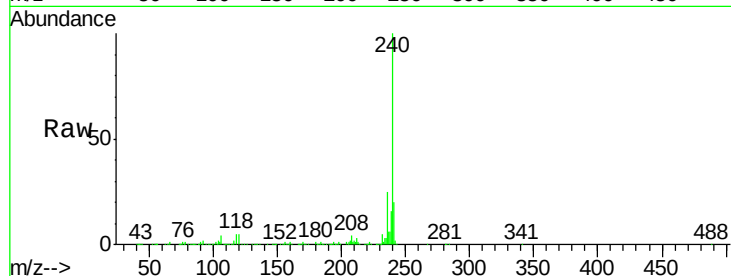
Tgt Ion:240 Resp: 445135

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

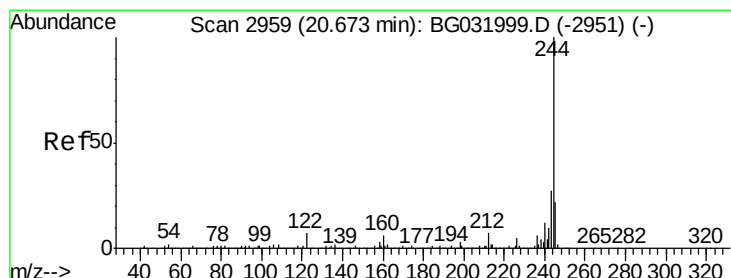
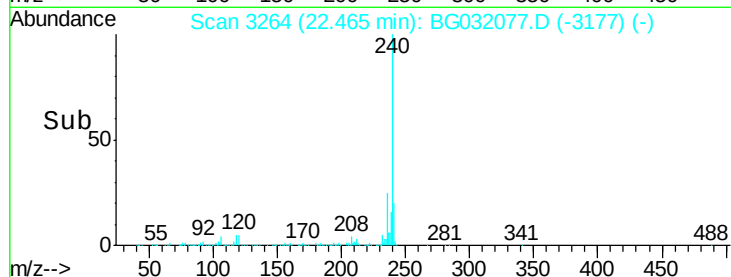
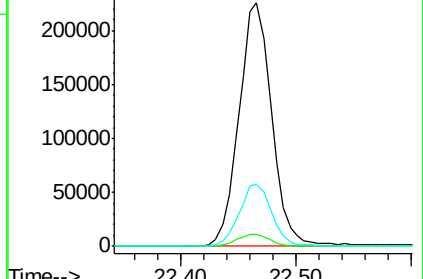
236 25.2 20.9 31.3



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: 100.055 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032077.D

Acq: 16 Jan 2018 19:53

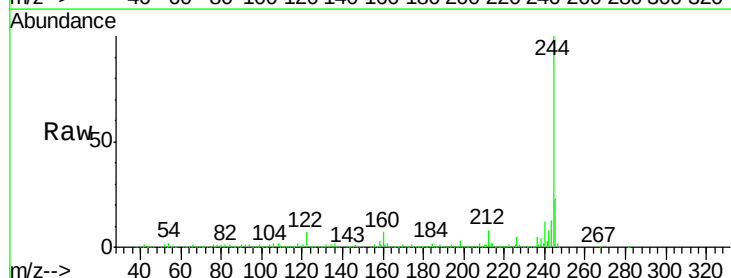
Tgt Ion:244 Resp: 2017079

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

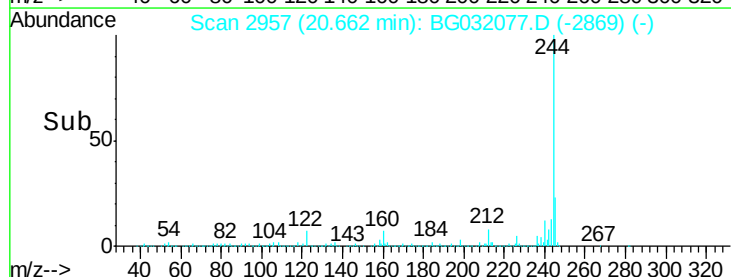
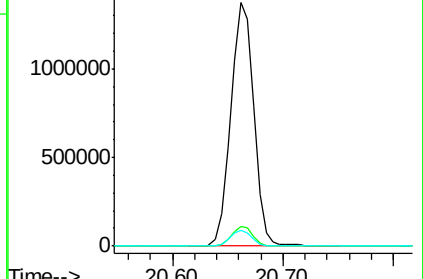
122 6.6 7.0 10.4#

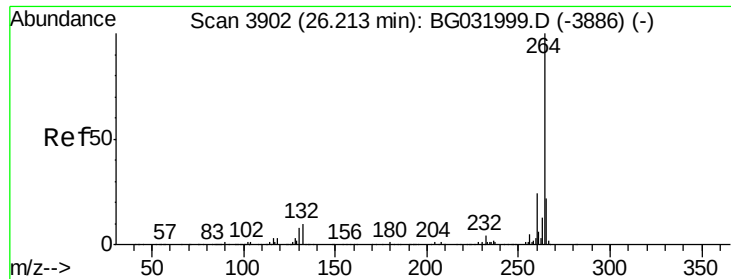


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.17 min Scan# 3895
Delta R.T. -0.04 min
Lab File: BG032077.D
Acq: 16 Jan 2018 19:53

Instrument :
BNA_G
ClientSampleId :
OK-02-011218

Tgt Ion: 264 Resp: 459057

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5

