

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033149.D
 Acq On : 14 Mar 2018 16:30
 Operator : SJ/JU
 Sample : J1885-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4008

Quant Time: Mar 14 17:50:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

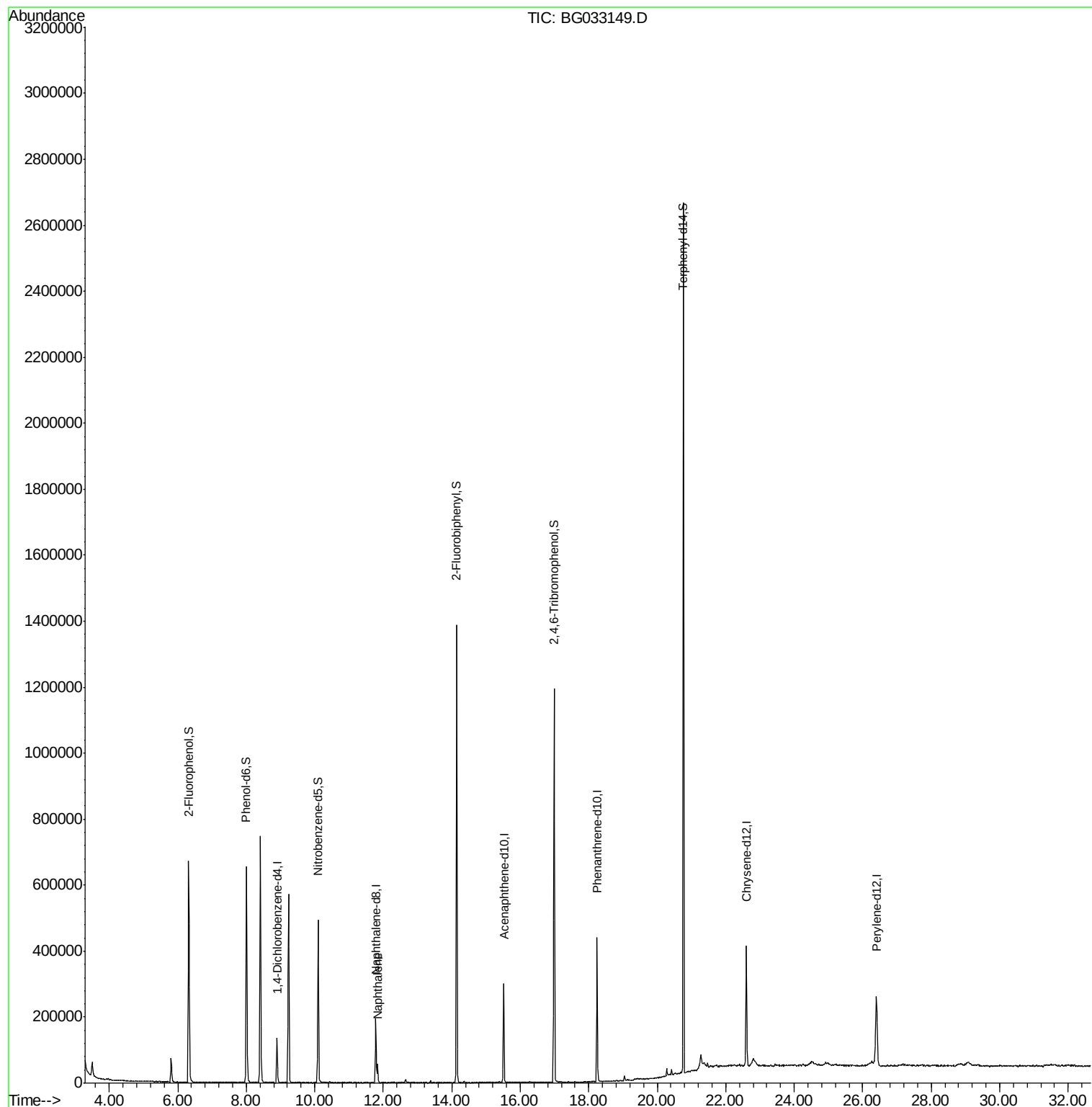
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38335	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	170319	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	103519	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	265287	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241499	20.00	ng	-0.01
86) Perylene-d12	26.40	264	254983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	326929	136.44	ng	0.00
7) Phenol-d6	8.00	99	414390	124.07	ng	0.00
23) Nitrobenzene-d5	10.10	82	310889	121.81	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	229708	211.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	701228	97.70	ng	0.00
78) Terphenyl-d14	20.76	244	1211029	112.67	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	48269	5.424	ng	Qvalue 98

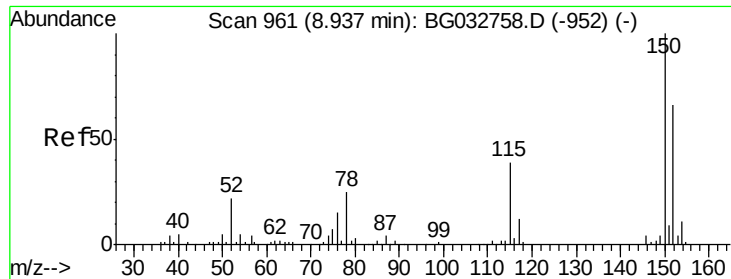
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



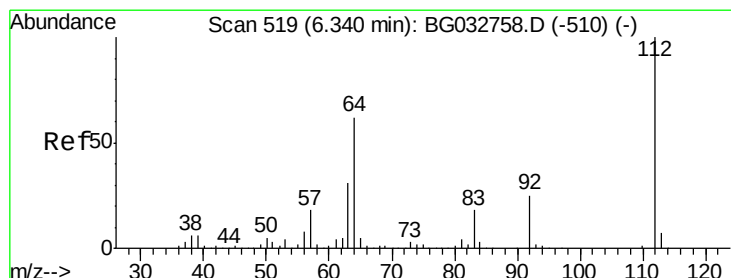
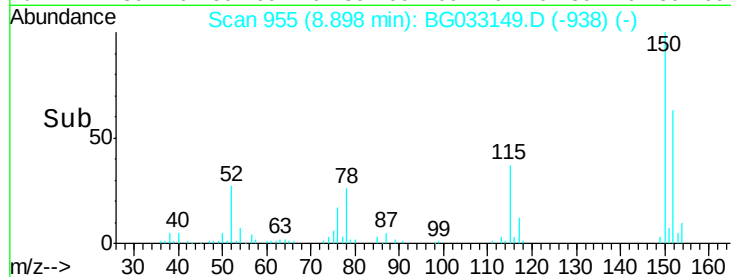
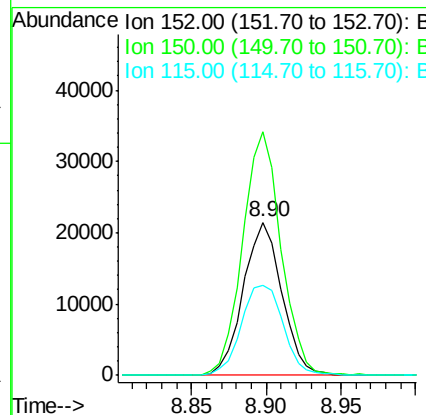
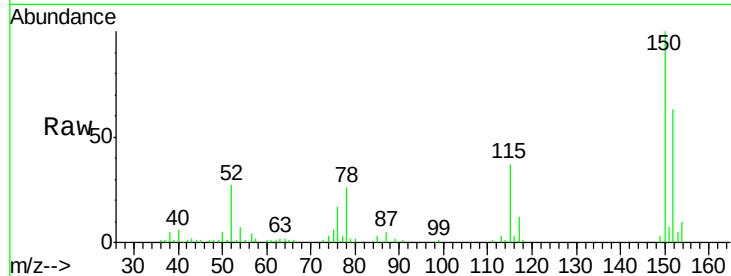


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Instrument :
BNA_G
ClientSampleId :
RT-4008

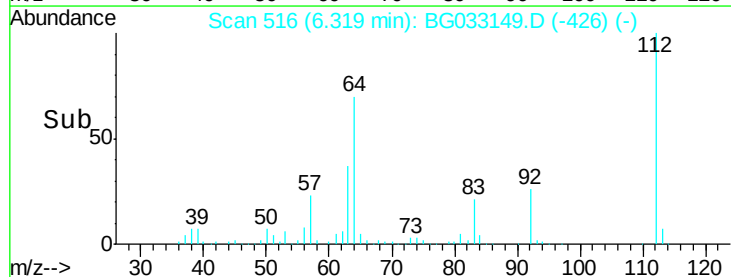
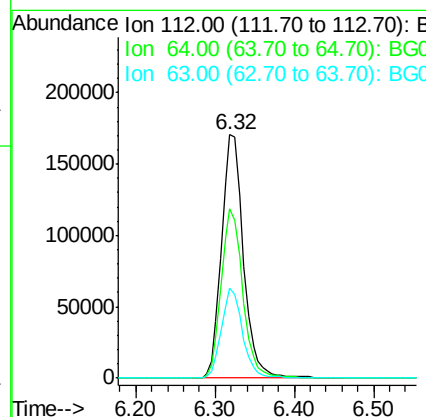
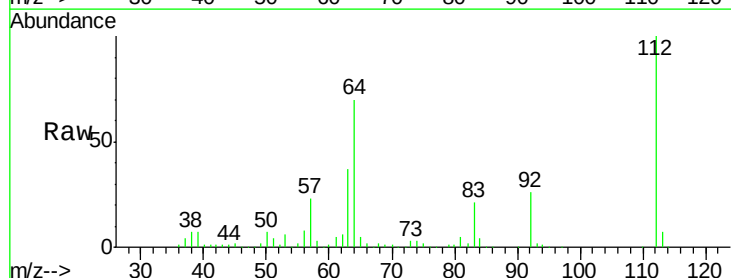
Tot Ion:152 Resp: 38335
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 59.0 53.0 79.4

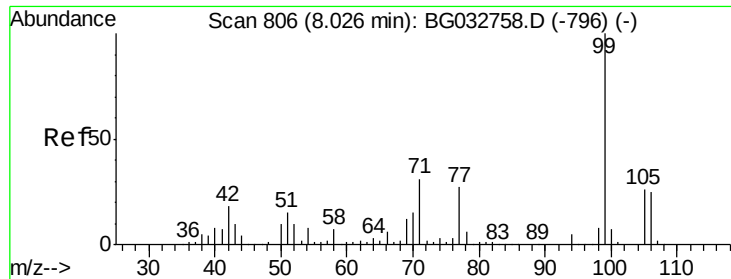


#5

2-Fluorophenol
Concen: 136.439 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Tgt Ion:112 Resp: 326929
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 37.1 30.1 45.1





#7

Phenol-d6

Concen: 124.072 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

BNA_G

ClientSampled :

RT-4008

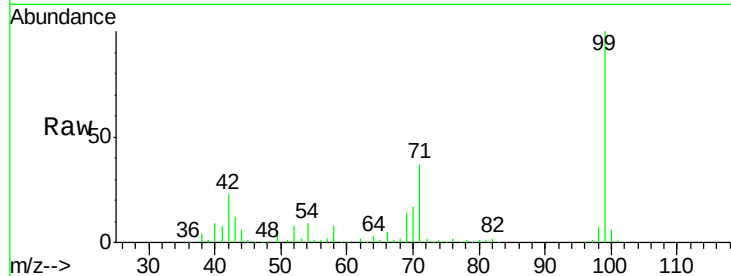
Tot Ion: 99 Resp: 414390

Ion Ratio Lower Upper

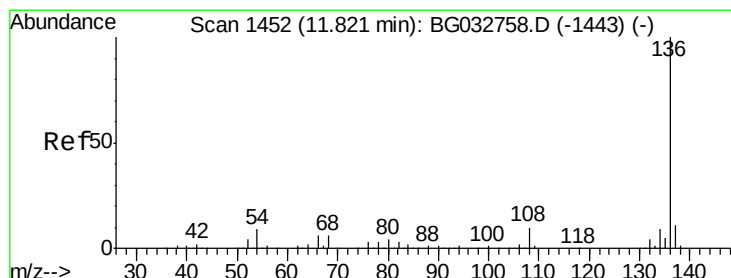
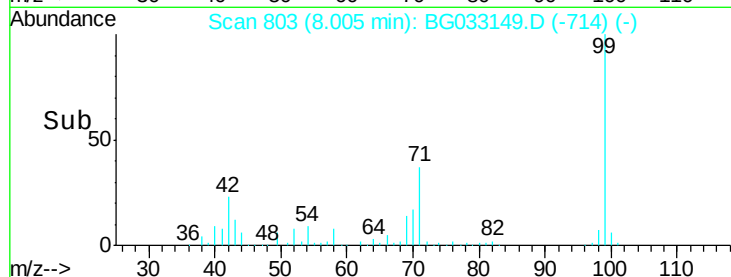
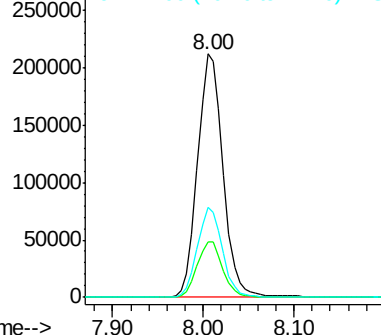
99 100

42 23.0 14.1 21.1#

71 36.9 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Tgt Ion: 136 Resp: 170319

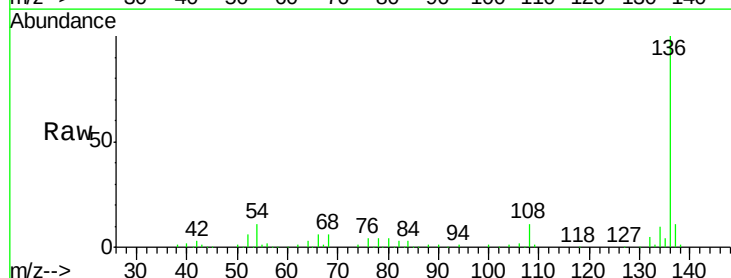
Ion Ratio Lower Upper

136 100

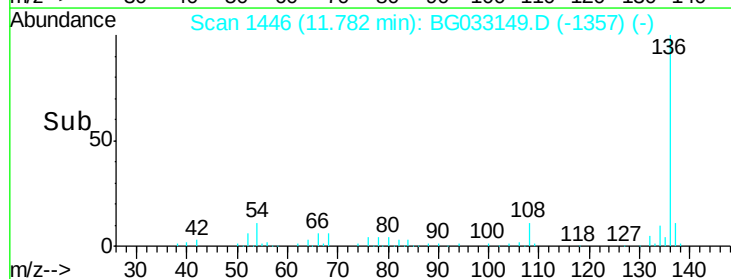
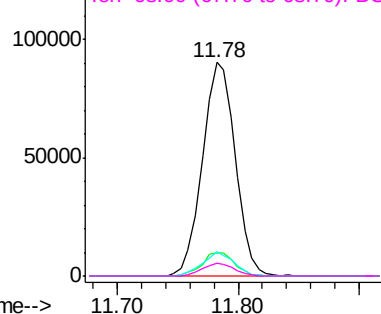
137 10.6 9.2 13.8

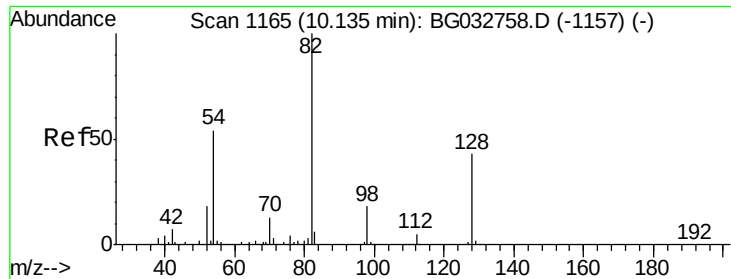
54 11.2 10.3 15.5

68 5.9 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: 121.810 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

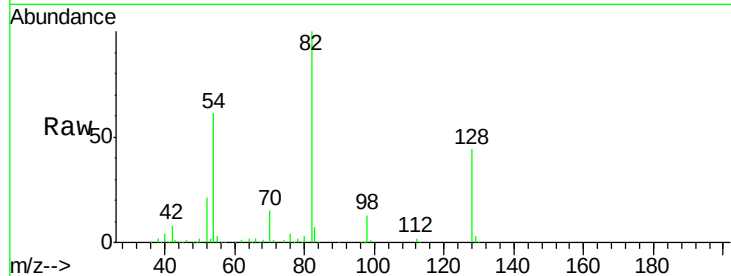
BNA_G

ClientSampleId :

RT-4008

Tot Ion: 82 Resp: 310889

Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	60.7	43.1	64.7

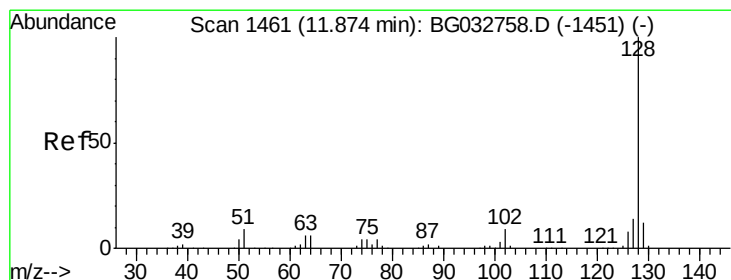
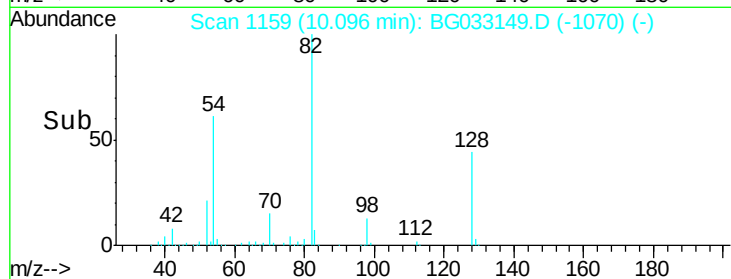
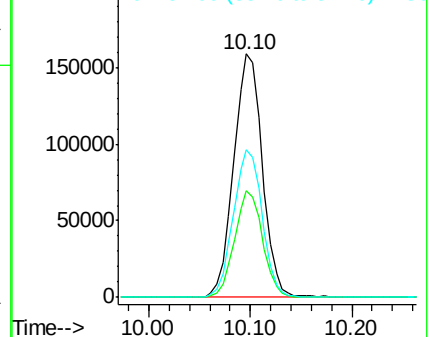


Abundance

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: 5.424 ng

RT: 11.83 min Scan# 1455

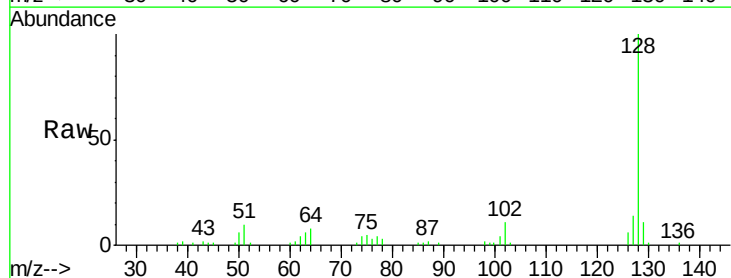
Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Tgt Ion: 128 Resp: 48269

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.7	11.6	17.4

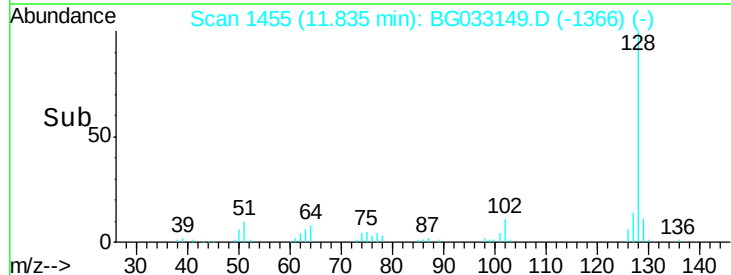
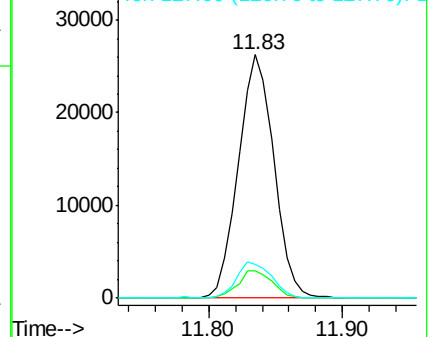


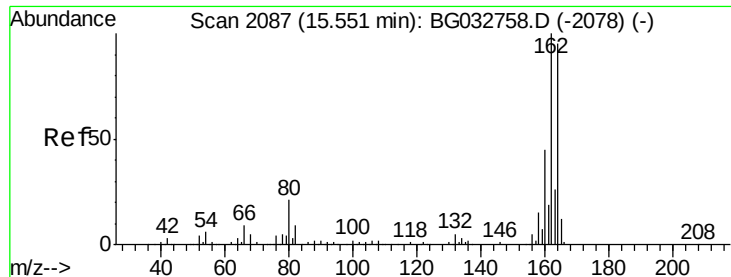
Abundance

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: 15.51 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

BNA_G

ClientSampleId :

RT-4008

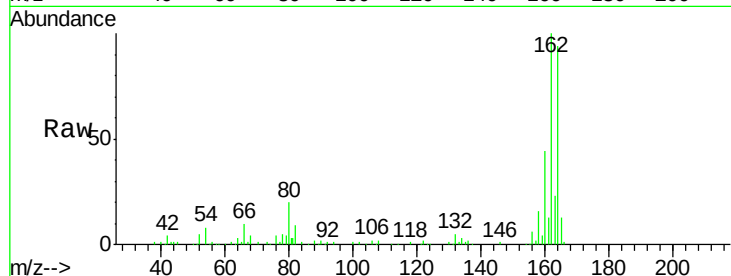
Tot Ion:164 Resp: 103519

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

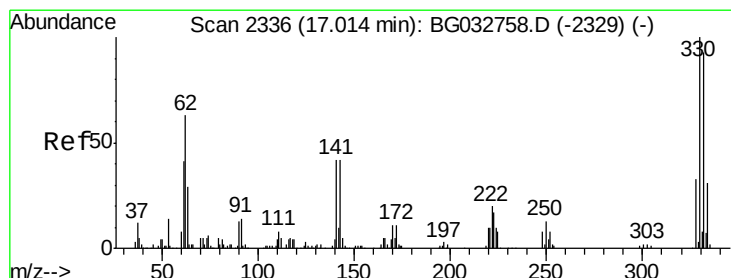
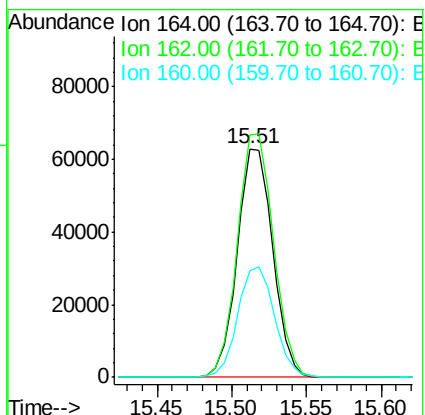
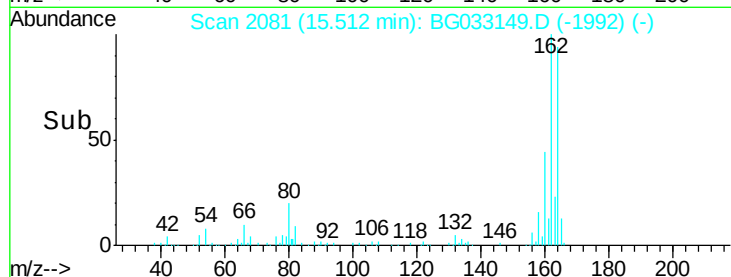
160 46.8 35.4 53.0



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: 211.038 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

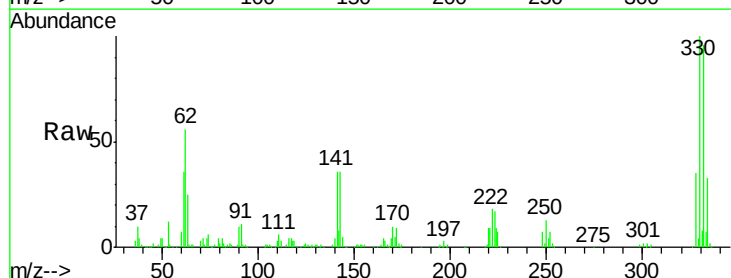
Tgt Ion:330 Resp: 229708

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

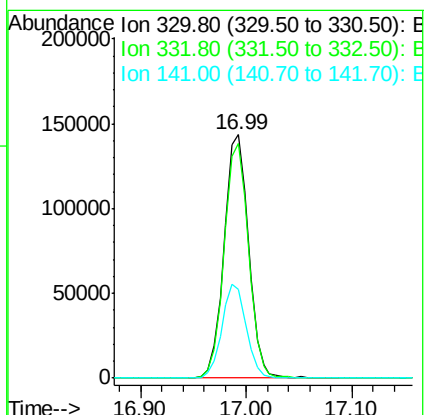
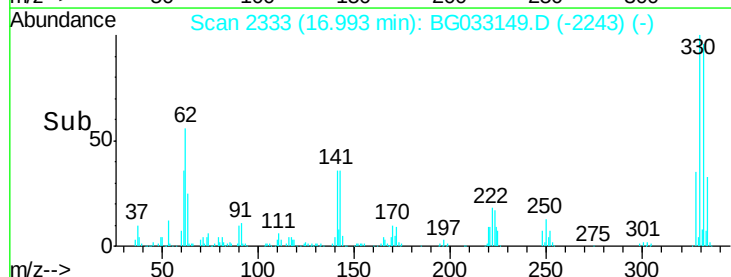
141 38.5 25.2 37.8#

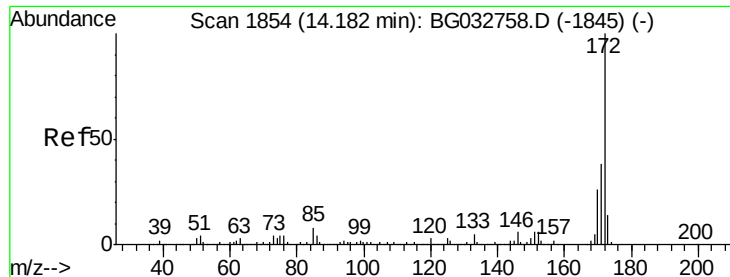


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

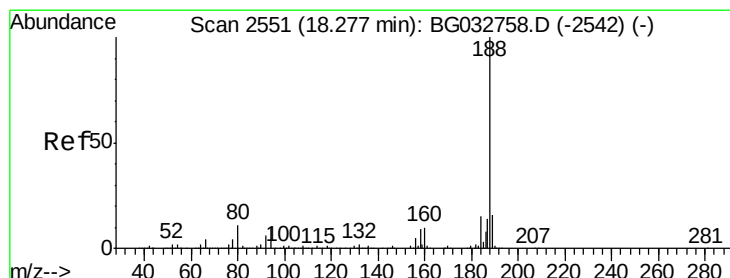
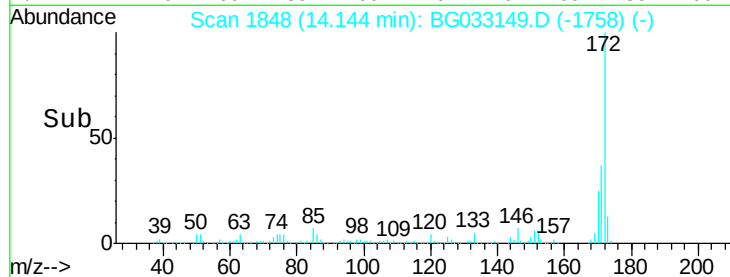
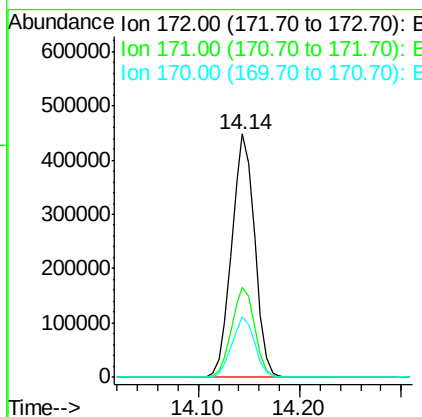
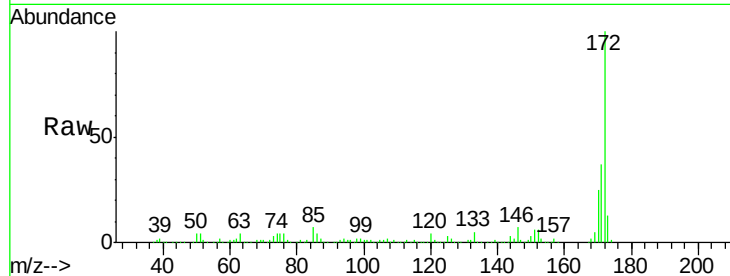




#44
 2-Fluorobiphenyl
 Concen: 97.697 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

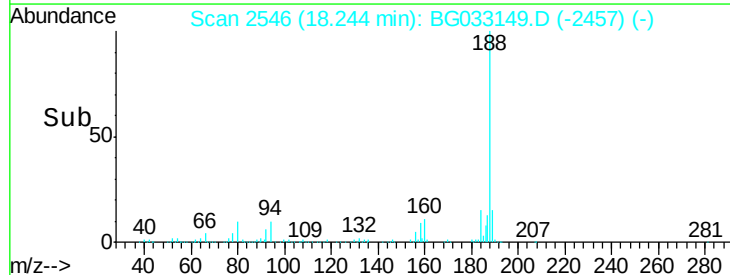
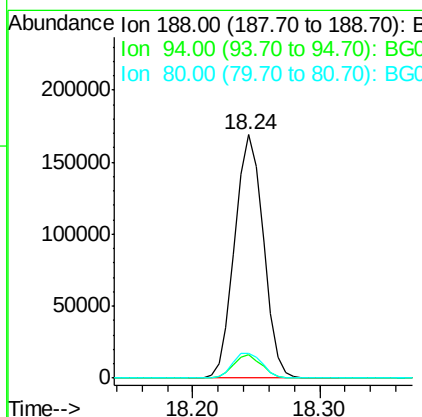
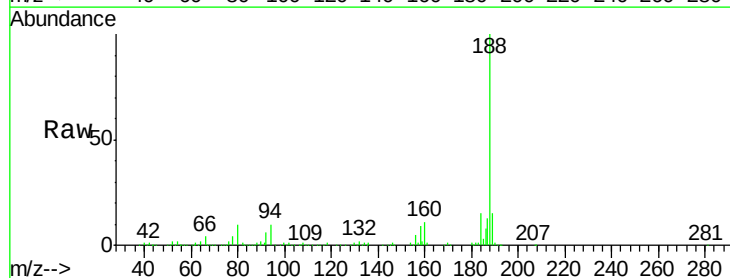
Instrument :
 BNA_G
 ClientSampleId :
 RT-4008

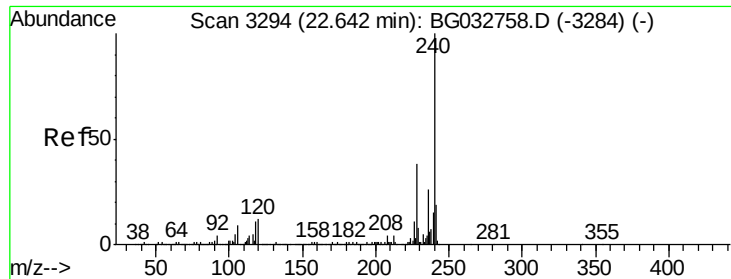
Tot Ion:172 Resp: 701228
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033149.D
 Acq: 14 Mar 2018 16:30

Tgt Ion:188 Resp: 265287
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.9 10.3
 80 10.4 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

Instrument :

BNA_G

ClientSampleId :

RT-4008

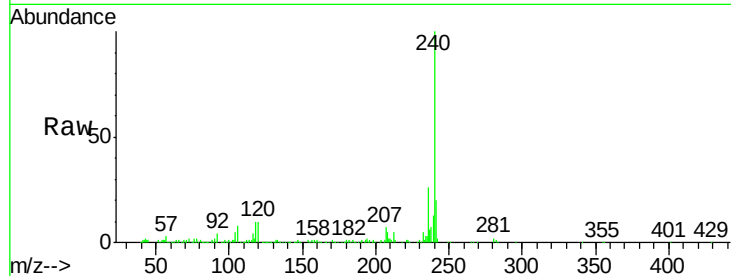
Tot Ion:240 Resp: 241499

Ion Ratio Lower Upper

240 100

120 10.4 6.8 10.2#

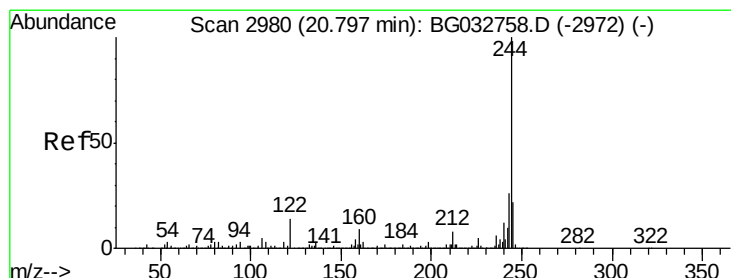
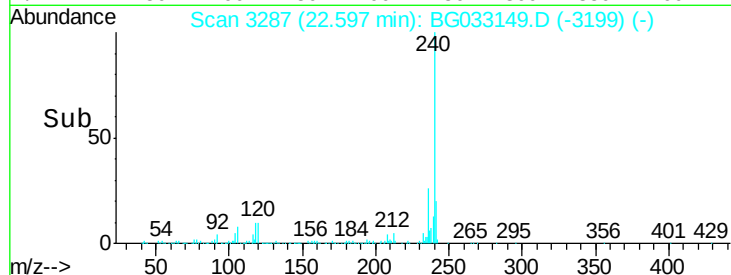
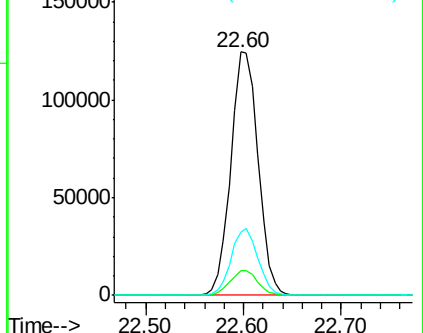
236 26.0 20.9 31.3



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: 112.665 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033149.D

Acq: 14 Mar 2018 16:30

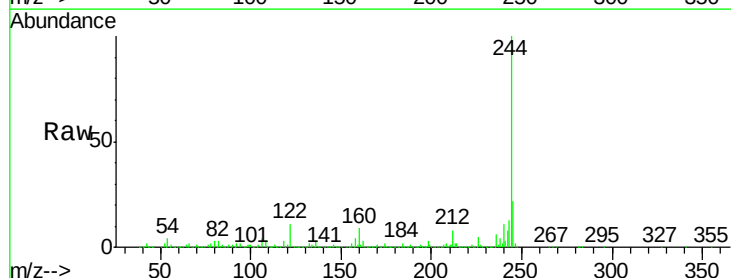
Tgt Ion:244 Resp: 1211029

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

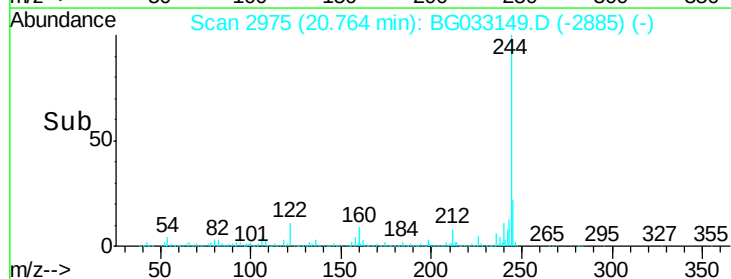
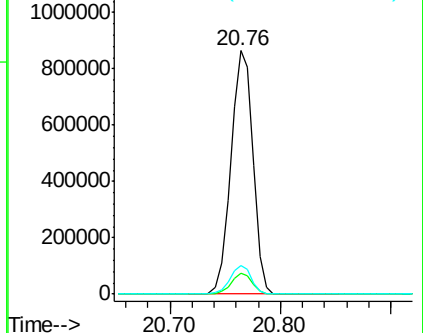
122 11.5 7.0 10.4#

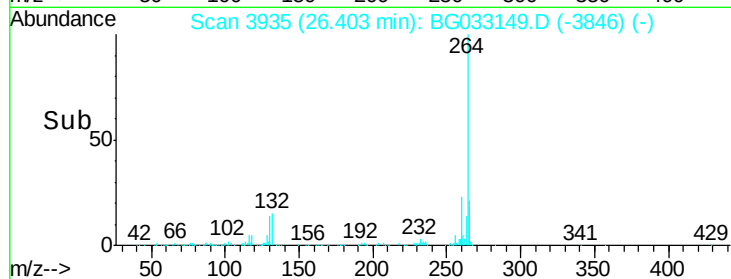
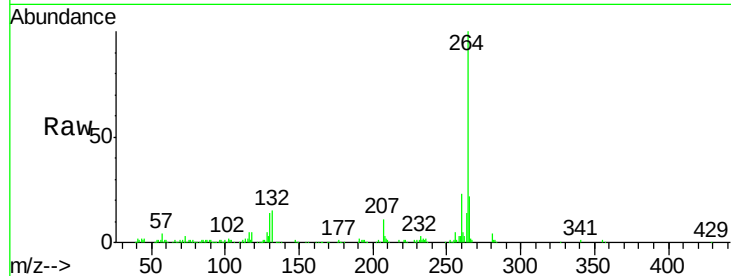
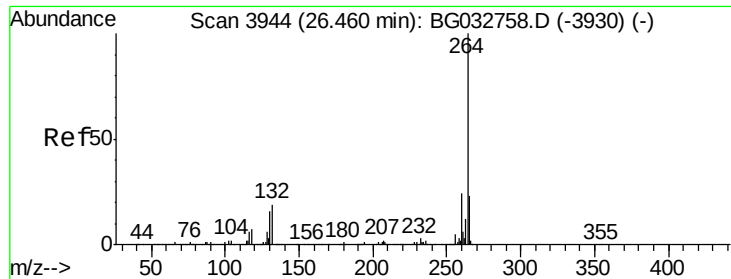


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033149.D
Acq: 14 Mar 2018 16:30

Instrument :
BNA_G
ClientSampleId :
RT-4008

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.7	17.7	26.5

