

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033227.D
 Acq On : 17 Mar 2018 10:37
 Operator : SJ/JU
 Sample : J1945-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Quant Time: Mar 19 04:49:50 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

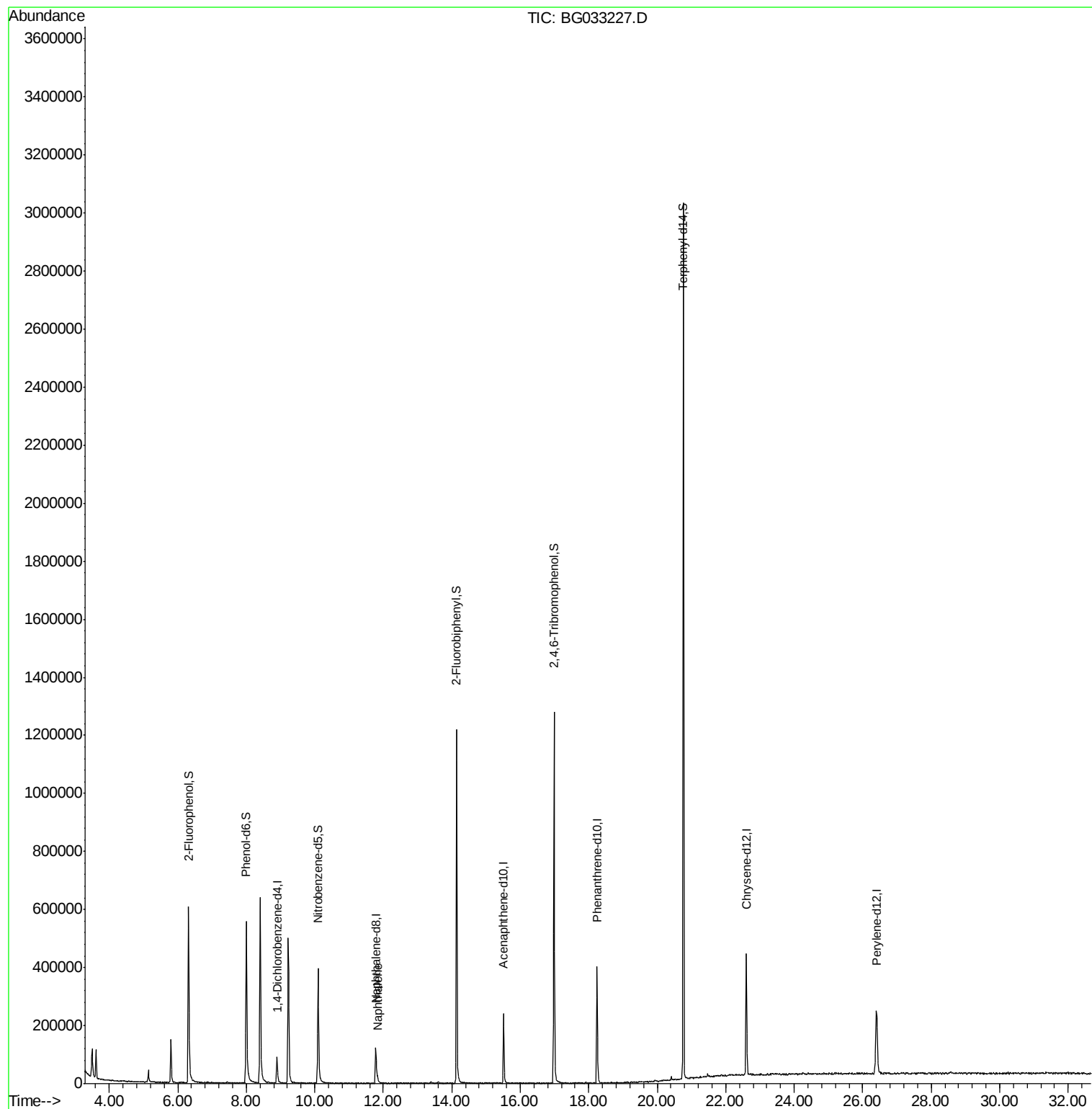
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	32238	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	126489	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	92784	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	276806	20.00	ng	0.00
75) Chrysene-d12	22.60	240	293262	20.00	ng	0.00
86) Perylene-d12	26.40	264	303441	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	305542	151.63	ng	0.00
7) Phenol-d6	8.00	99	404310	143.95	ng	-0.01
23) Nitrobenzene-d5	10.10	82	316445	163.28	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	260140	266.65	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	707653	110.00	ng	0.00
78) Terphenyl-d14	20.76	244	1527482	117.02	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	22596	3.419	ng	Qvalue 98

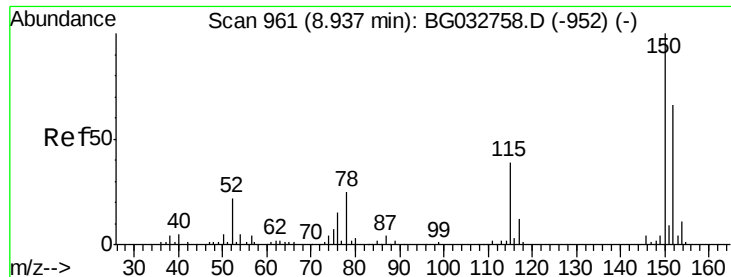
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



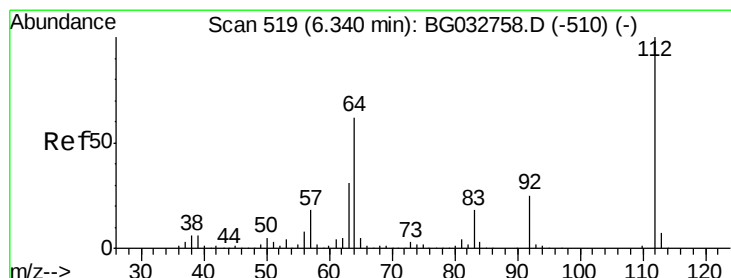
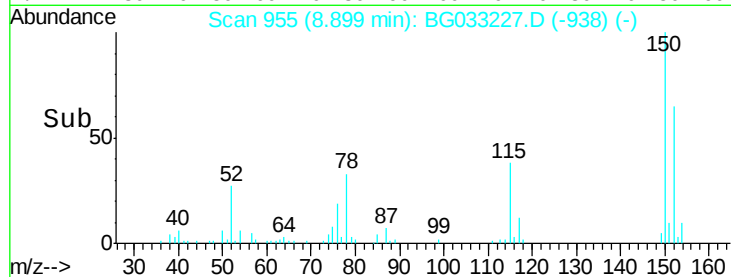
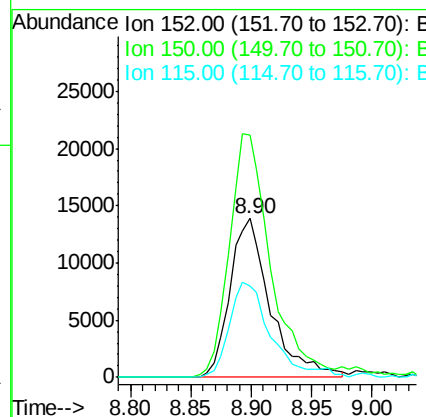
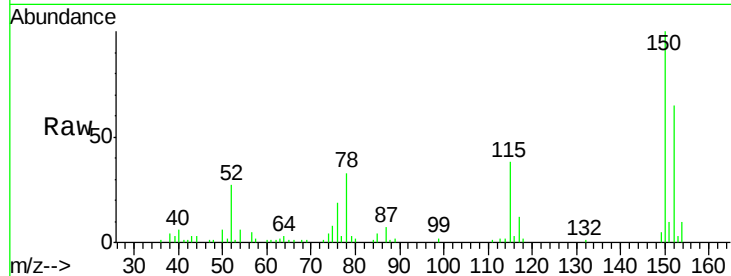


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

Instrument :
BNA_G
ClientSampleId :
SP-A

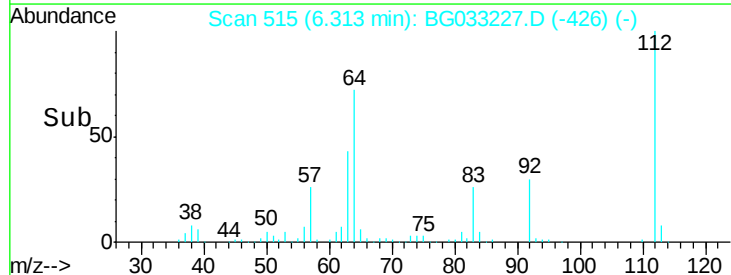
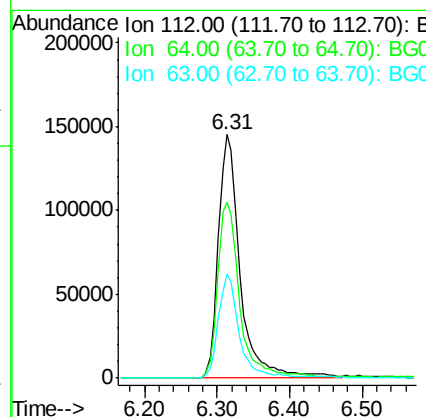
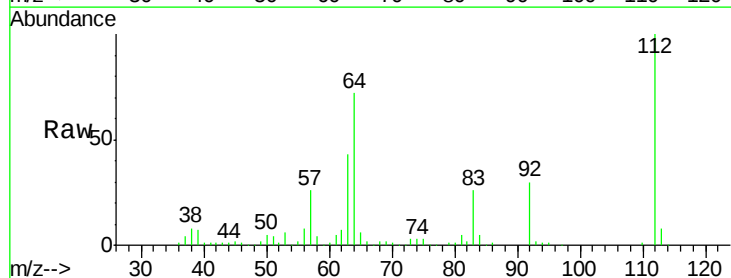
Tot Ion:152 Resp: 32238
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 57.8 53.0 79.4

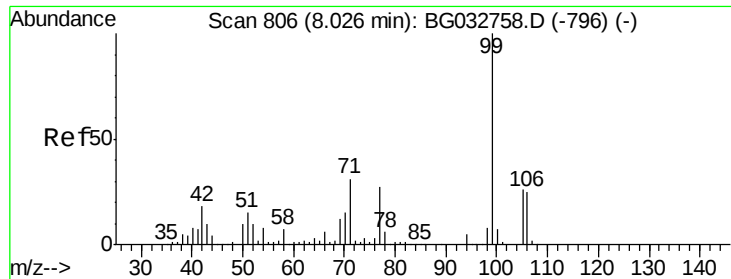


#5

2-Fluorophenol
Concen: 151.629 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

Tgt Ion:112 Resp: 305542
Ion Ratio Lower Upper
112 100
64 72.4 56.3 84.5
63 42.8 30.1 45.1





#7

Phenol-d6

Concen: 143.949 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033227.D

Acq: 17 Mar 2018 10:37

Instrument :

BNA_G

ClientSampleId :

SP-A

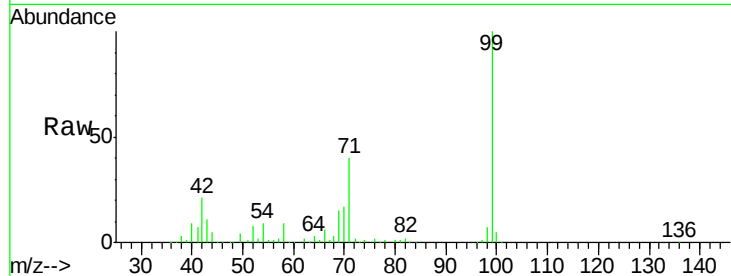
Tot Ion: 99 Resp: 404310

Ion Ratio Lower Upper

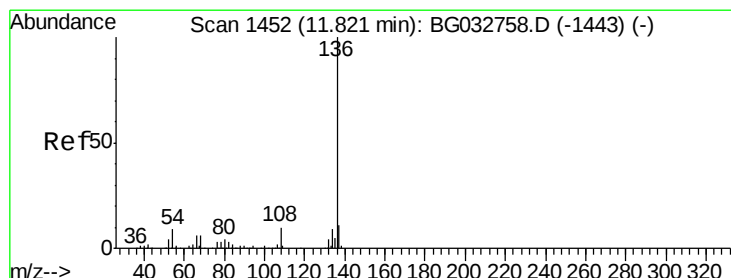
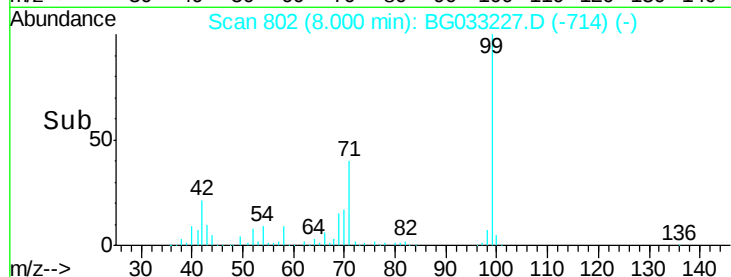
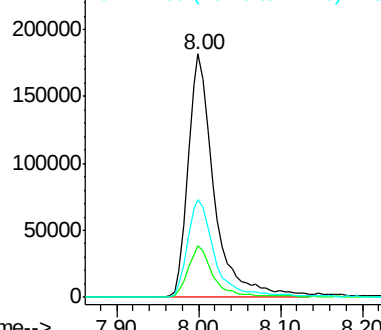
99 100

42 21.0 14.1 21.1

71 40.3 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033227.D

Acq: 17 Mar 2018 10:37

Tgt Ion: 136 Resp: 126489

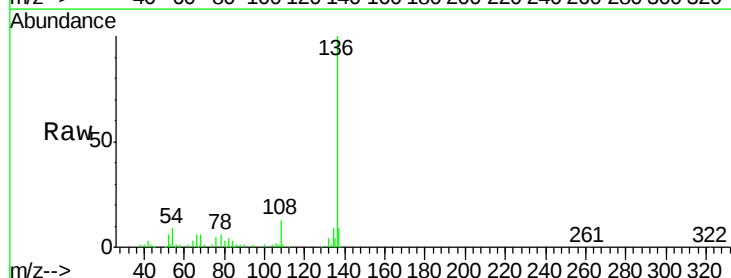
Ion Ratio Lower Upper

136 100

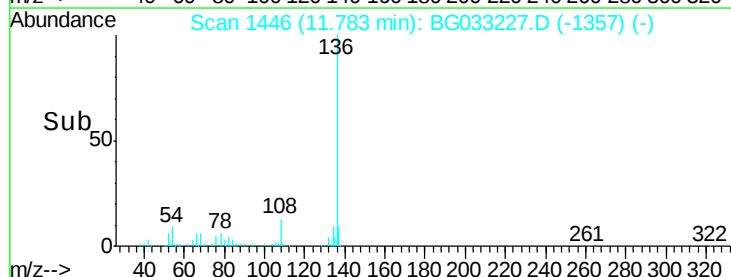
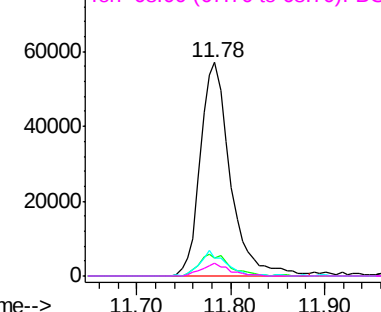
137 8.6 9.2 13.8#

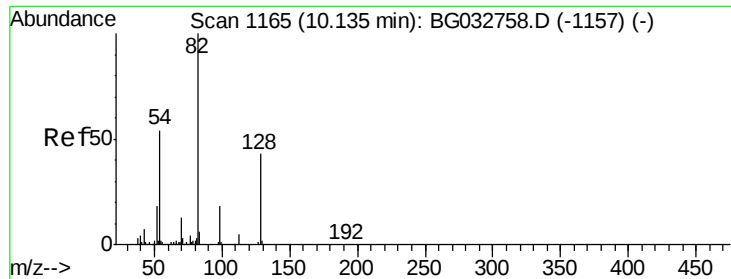
54 8.6 10.3 15.5#

68 6.0 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: 163.276 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033227.D

Acq: 17 Mar 2018 10:37

Instrument :

BNA_G

ClientSampleId :

SP-A

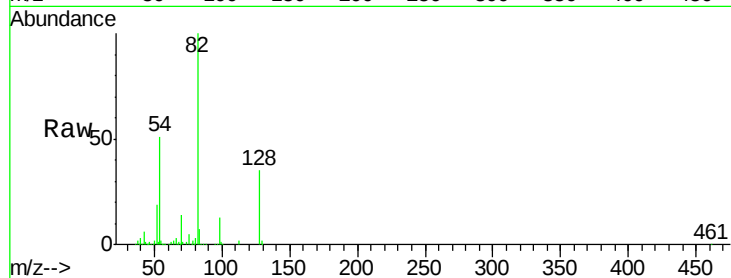
Tot Ion: 82 Resp: 316445

Ion Ratio Lower Upper

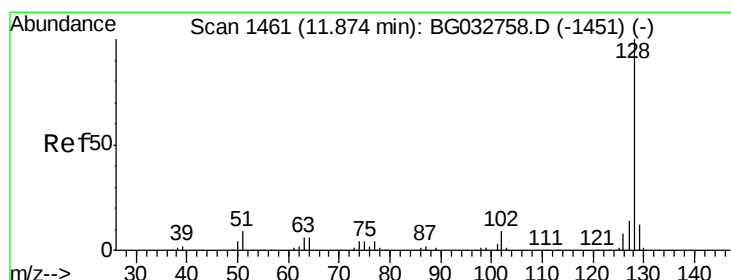
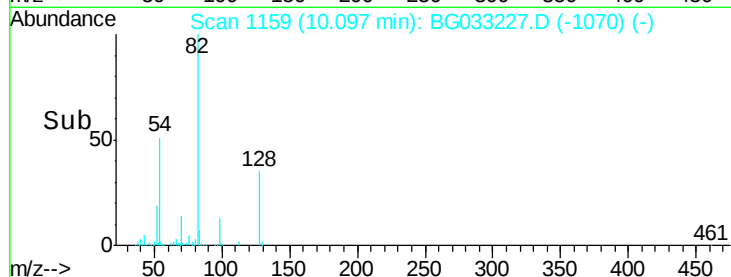
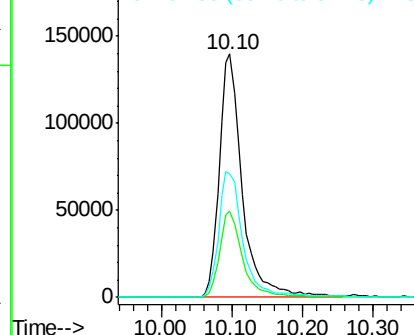
82 100

128 35.2 29.7 44.5

54 50.6 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: 3.419 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG033227.D

Acq: 17 Mar 2018 10:37

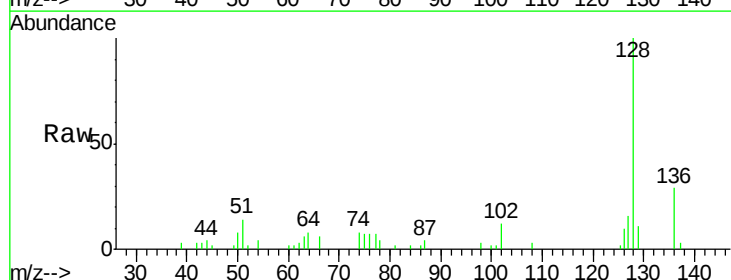
Tgt Ion:128 Resp: 22596

Ion Ratio Lower Upper

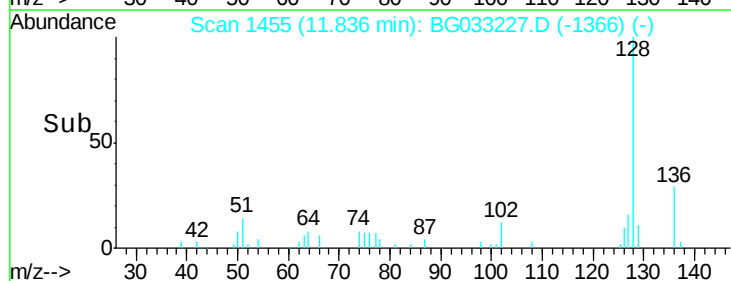
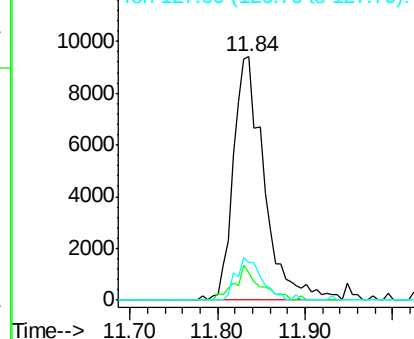
128 100

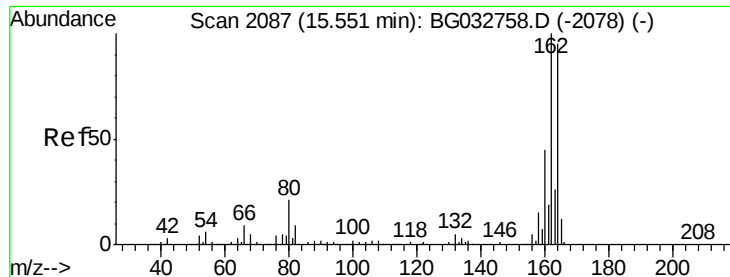
129 11.0 8.6 12.8

127 15.6 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

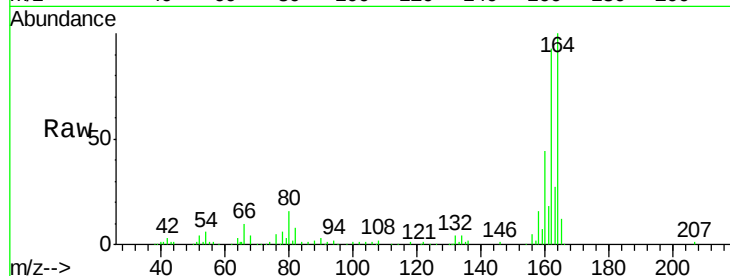




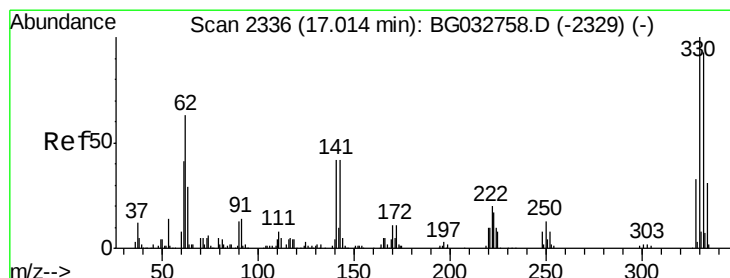
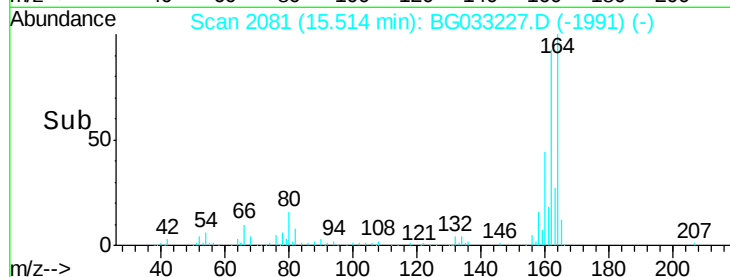
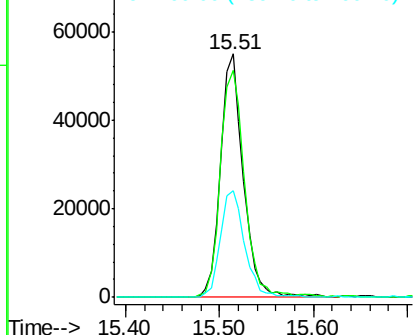
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

Instrument :
BNA_G
ClientSampleId :
SP-A

Tot Ion:164 Resp: 92784
Ion Ratio Lower Upper
164 100
162 93.4 78.8 118.2
160 43.7 35.4 53.0

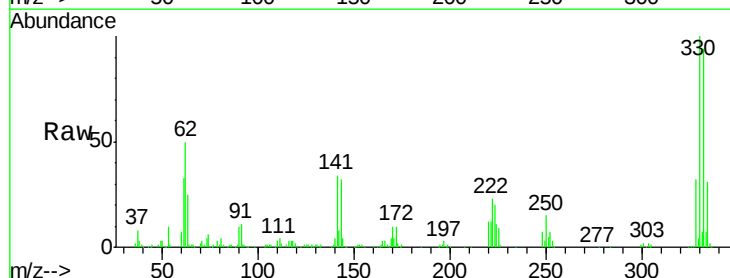


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

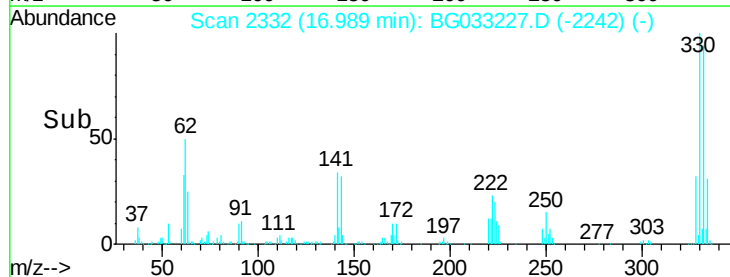
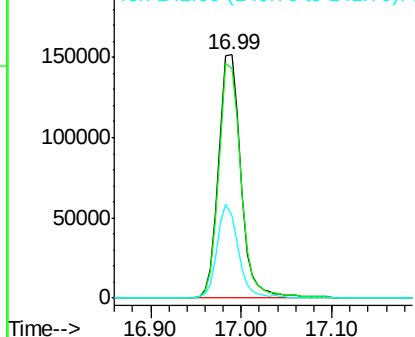


#41
2,4,6-Tribromophenol
Concen: 266.648 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

Tgt Ion:330 Resp: 260140
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 36.3 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

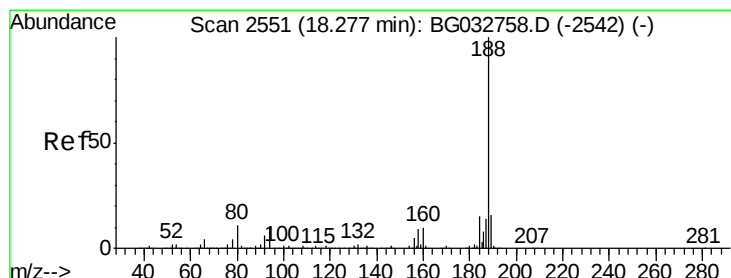
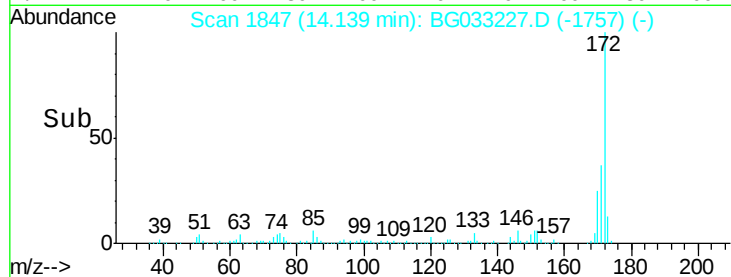
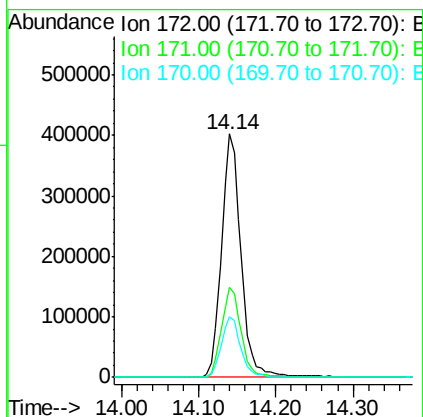
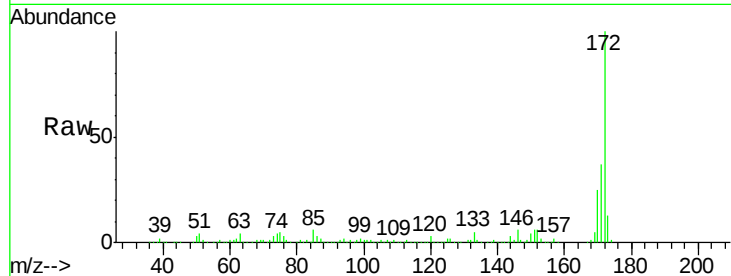




#44
2-Fluorobiphenyl
Concen: 109.999 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

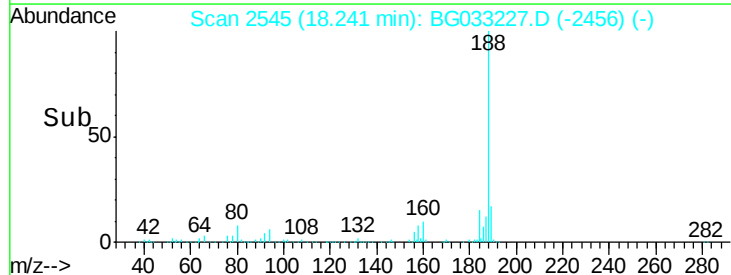
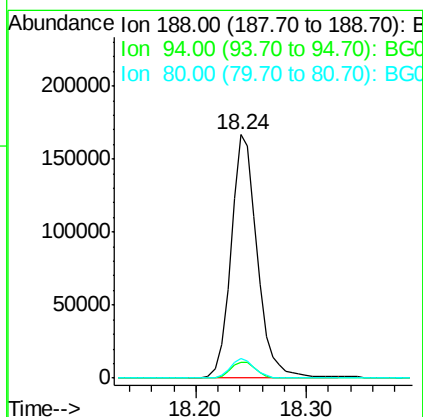
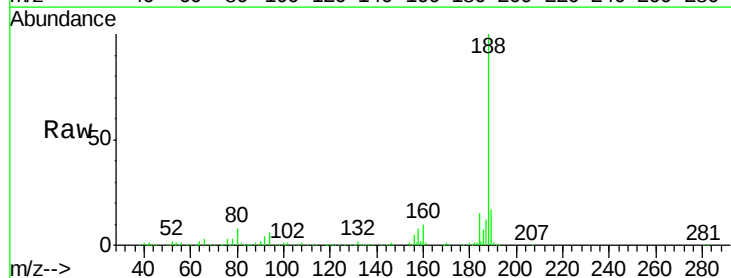
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BNA_G
ClientSampleId :
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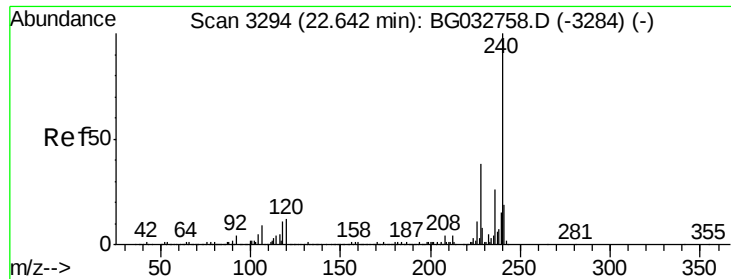
Tot Ion:172 Resp: 707653
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 24.9 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033227.D
Acq: 17 Mar 2018 10:37

Tgt Ion:188 Resp: 276806
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.3 7.7 11.5

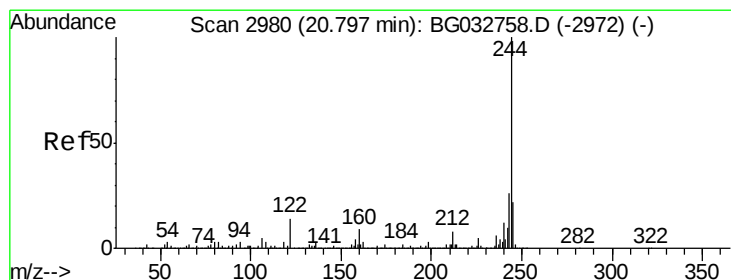
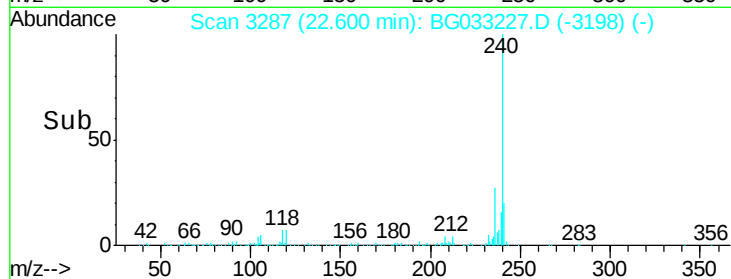
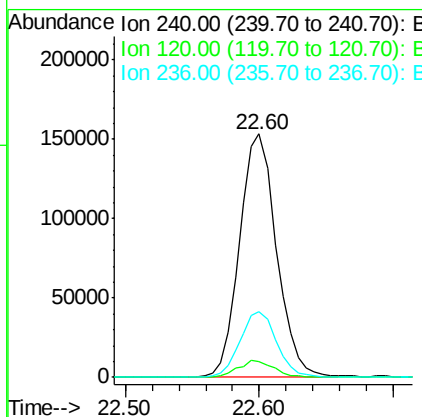
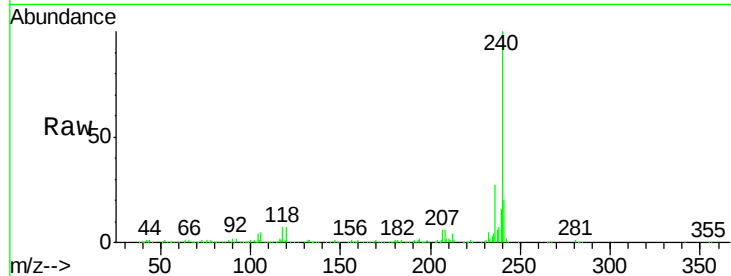




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033227.D
 Acq: 17 Mar 2018 10:37

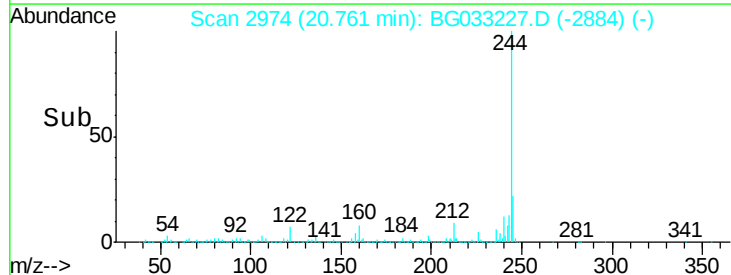
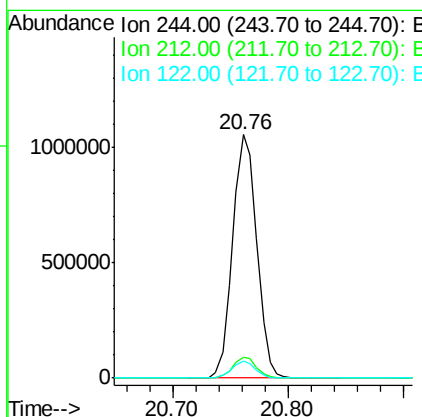
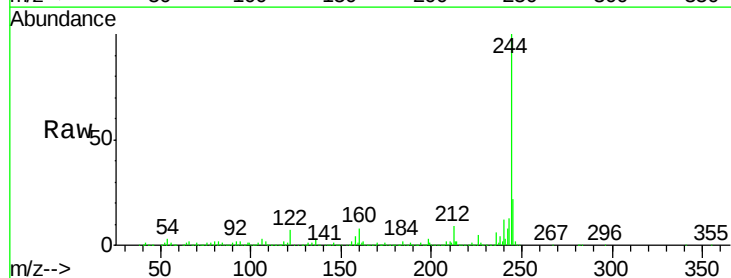
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 ClientSampleId :
 SP-A

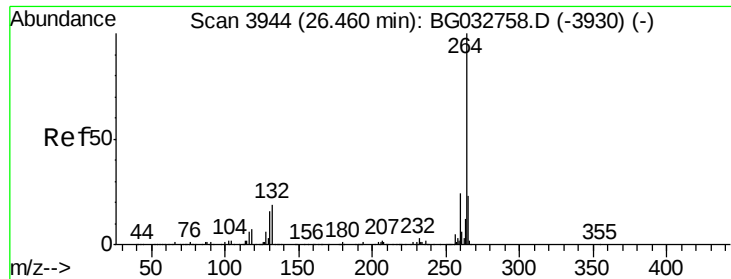
Tot Ion:240 Resp: 293262
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.8 10.2#
 236 26.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 117.023 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033227.D
 Acq: 17 Mar 2018 10:37

Tgt Ion:244 Resp: 1527482
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 7.3 7.0 10.4

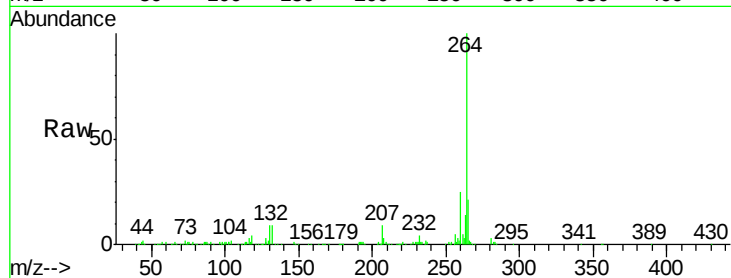




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3933
 Delta R.T. -0.01 min
 Lab File: BG033227.D
 Acq: 17 Mar 2018 10:37

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Tot Ion:264 Resp: 303441
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.4 26.0
 265 20.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

