

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032765.D
 Acq On : 21 Feb 2018 18:26
 Operator : SJ/JU
 Sample : J1398-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

Quant Time: Feb 22 06:47:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

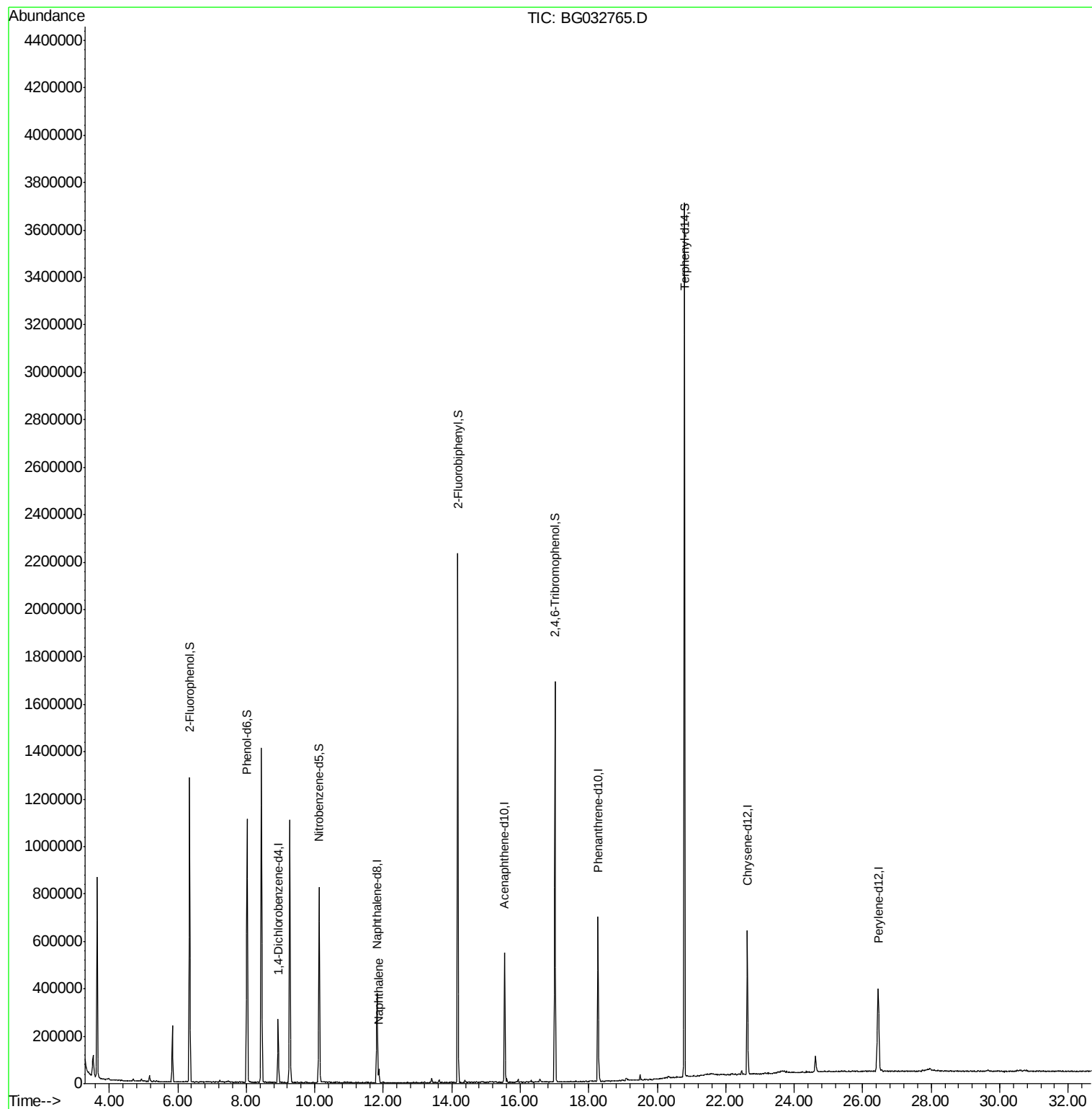
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	80369	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	344770	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	190833	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	419181	20.00	ng	0.00
75) Chrysene-d12	22.63	240	395331	20.00	ng	0.00
86) Perylene-d12	26.45	264	420220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	634408	126.29	ng	0.00
7) Phenol-d6	8.02	99	749308	107.01	ng	0.00
23) Nitrobenzene-d5	10.13	82	525000	103.26	ng	0.00
41) 2,4,6-Tribromophenol	17.02	330	307533	153.27	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1180465	89.22	ng	0.00
78) Terphenyl-d14	20.79	244	1634668	92.90	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	50238	2.789	ng	Qvalue 99

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

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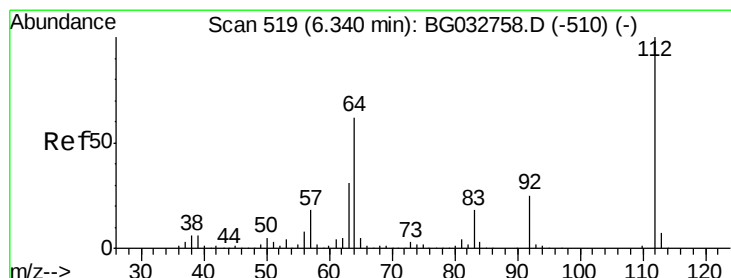
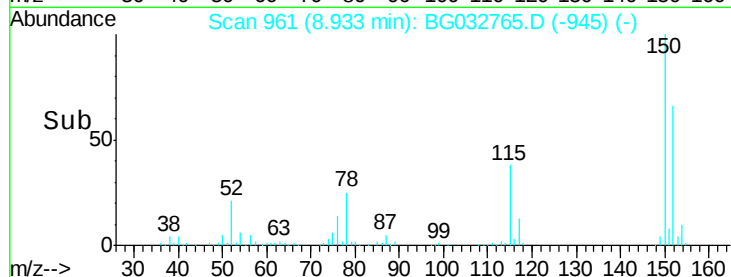
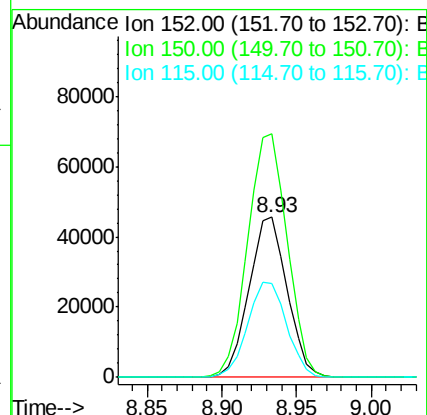
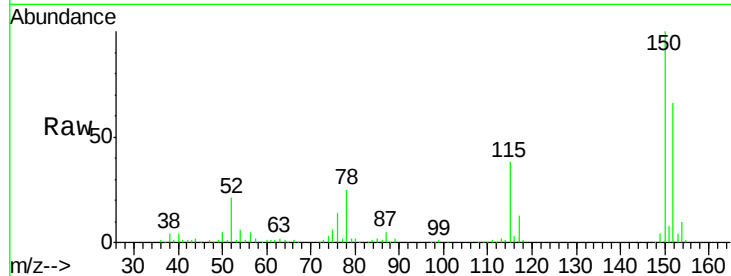


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Instrument :
BNA_G
ClientSampleId :
OK-02-022018

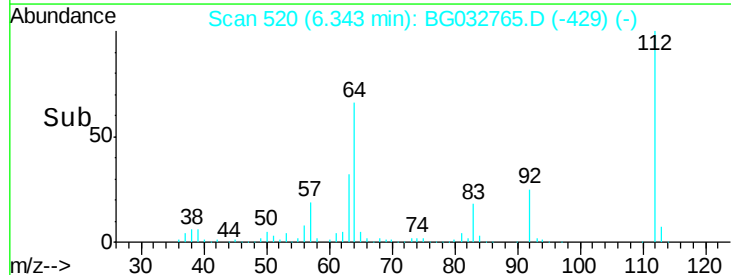
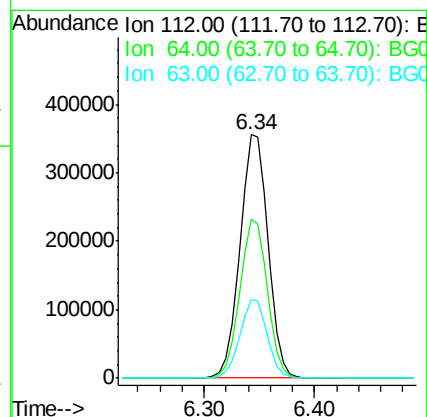
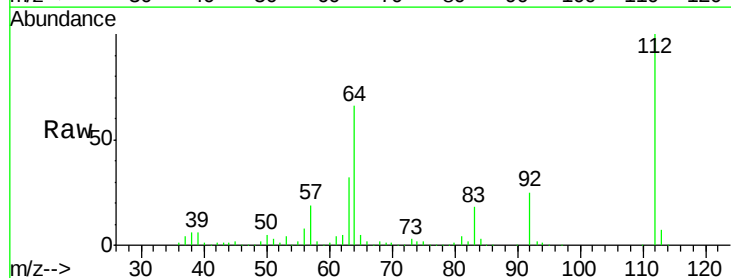
Tot Ion:152 Resp: 80369
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 58.5 53.0 79.4



#5

2-Fluorophenol
Concen: 126.288 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:112 Resp: 634408
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 32.1 30.1 45.1





#7

Phenol-d6

Concen: 107.012 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

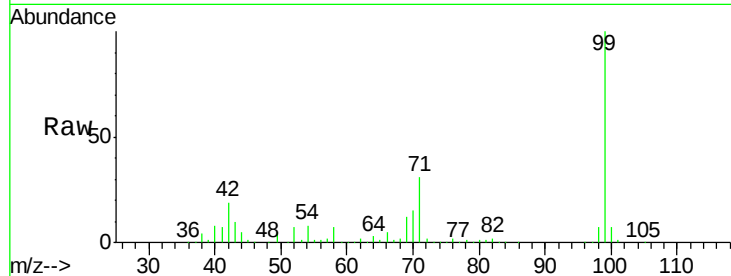
Tot Ion: 99 Resp: 749308

Ion Ratio Lower Upper

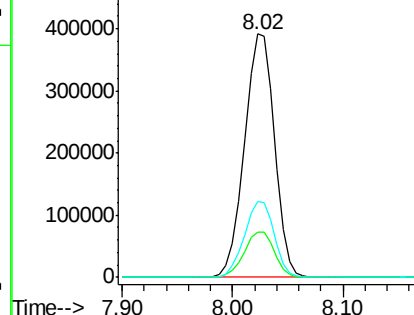
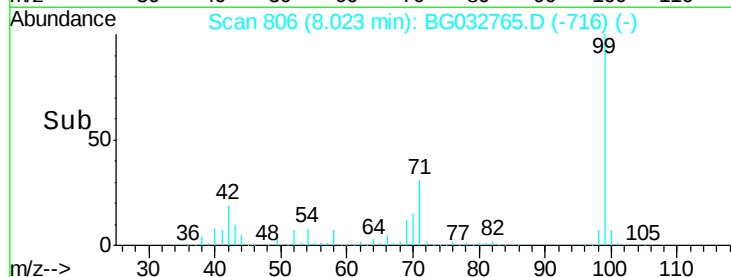
99 100

42 18.7 14.1 21.1

71 31.3 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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Tgt Ion: 136 Resp: 344770

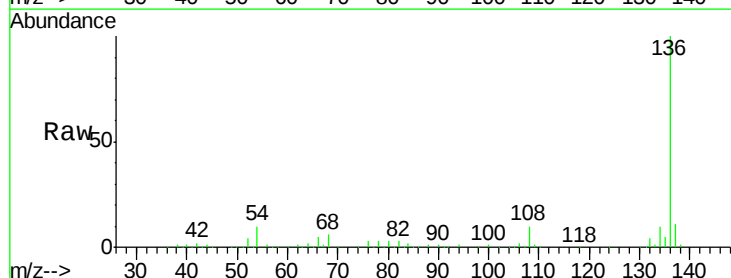
Ion Ratio Lower Upper

136 100

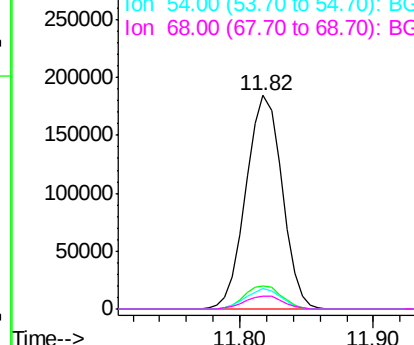
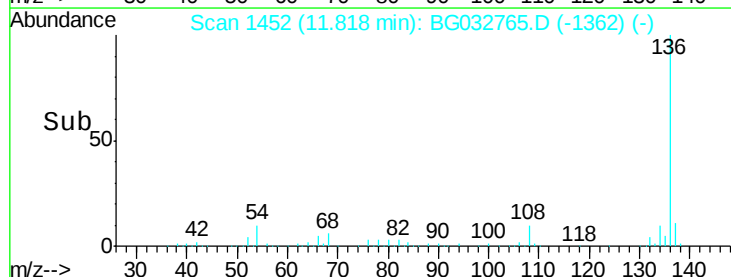
137 10.7 9.2 13.8

54 9.7 10.3 15.5#

68 6.2 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

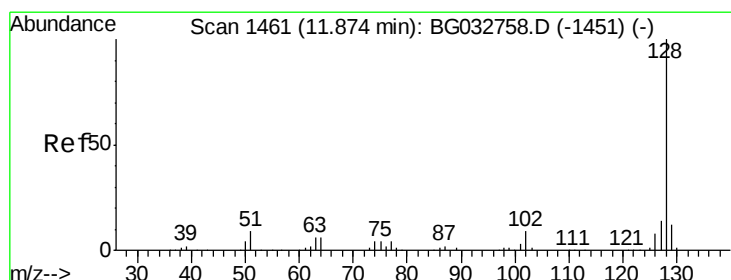
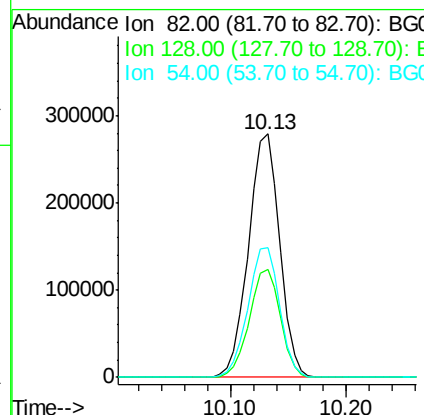
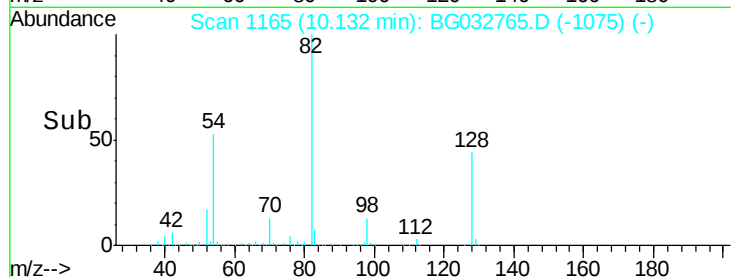
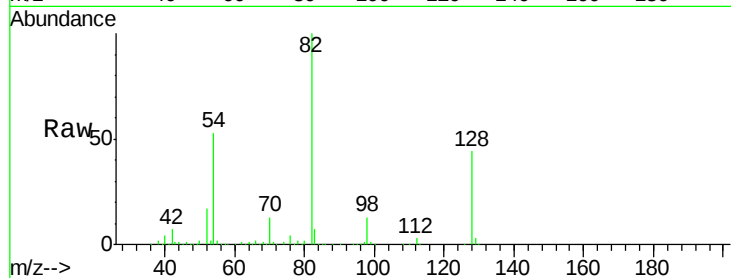




#23
 Nitrobenzene-d5
 Concen: 103.261 ng
 RT: 10.13 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

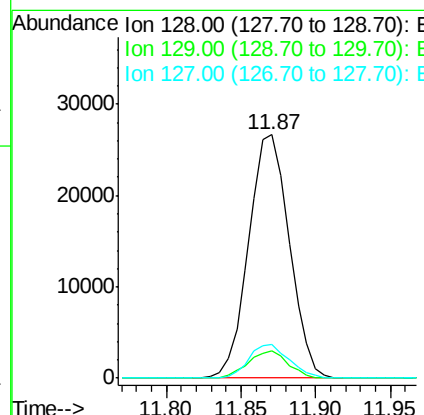
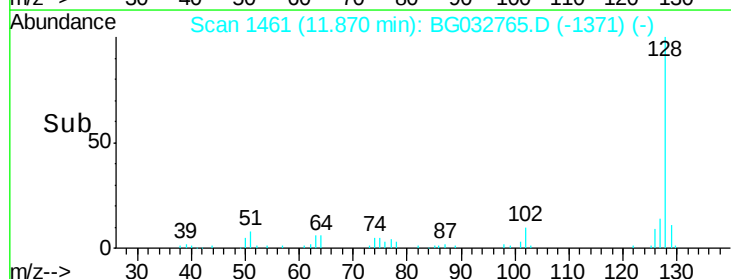
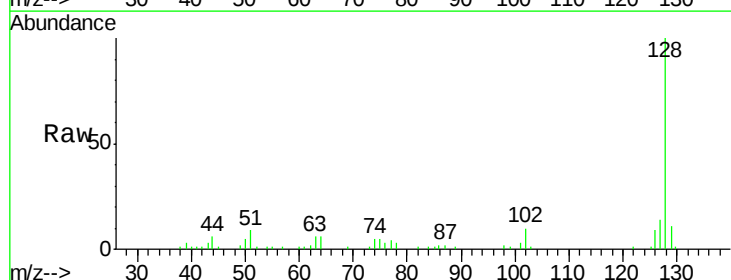
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

Tot Ion	82	Resp	525000
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	53.1	43.1	64.7



#31
 Naphthalene
 Concen: 2.789 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

Tgt Ion	128	Resp	50238
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

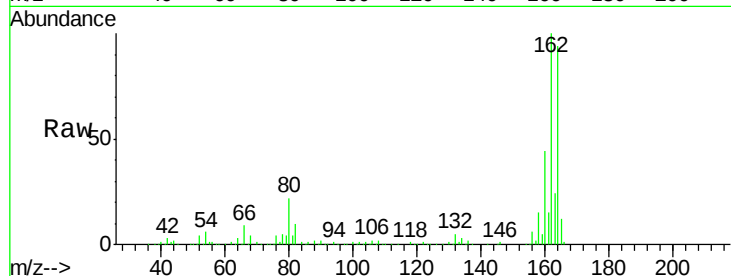
Tot Ion:164 Resp: 190833

Ion Ratio Lower Upper

164 100

162 106.9 78.8 118.2

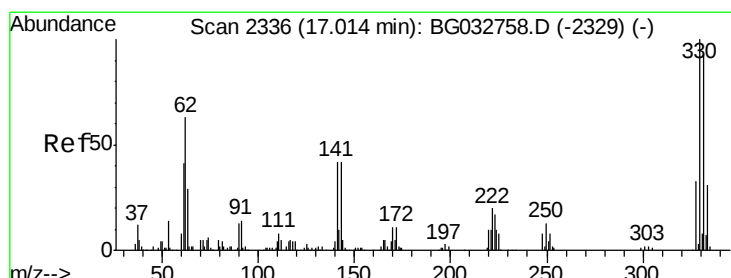
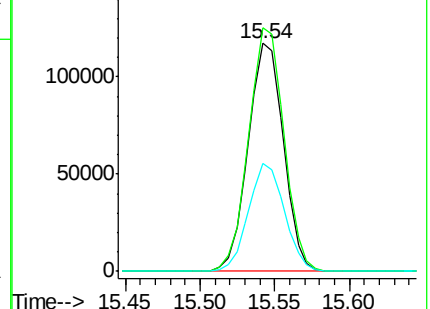
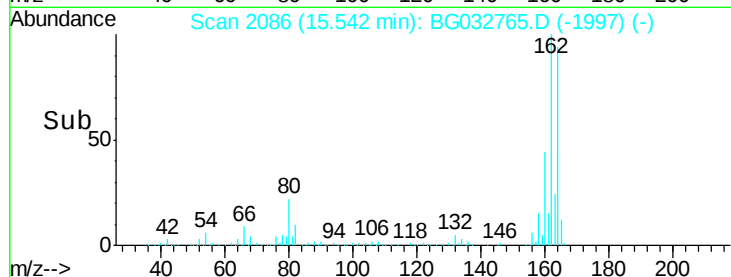
160 47.3 35.4 53.0



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: 153.265 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

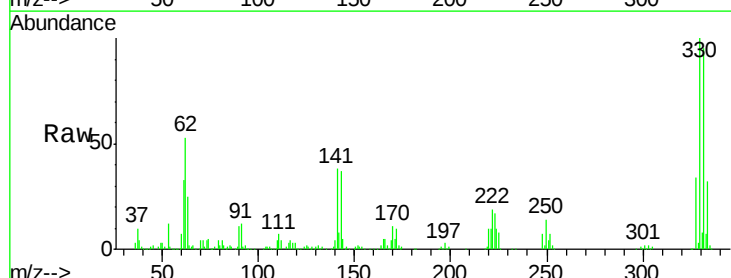
Tgt Ion:330 Resp: 307533

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

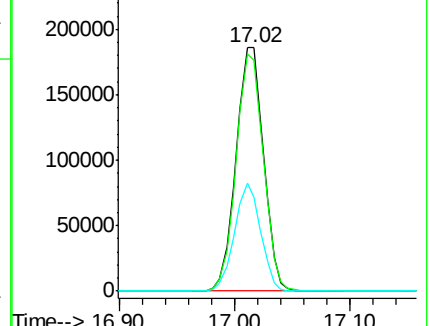
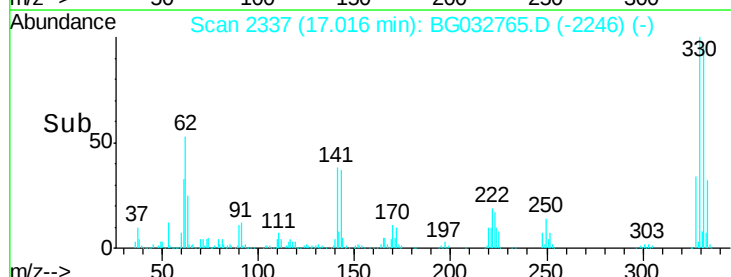
141 42.1 25.2 37.8#

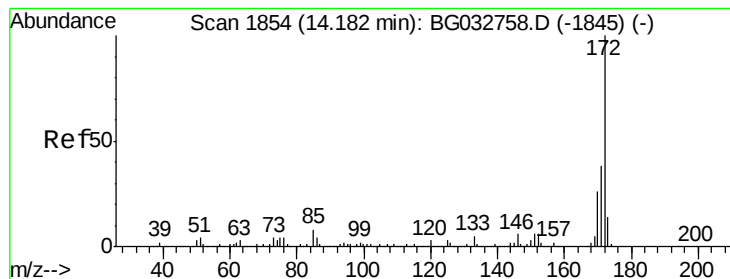


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.216 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

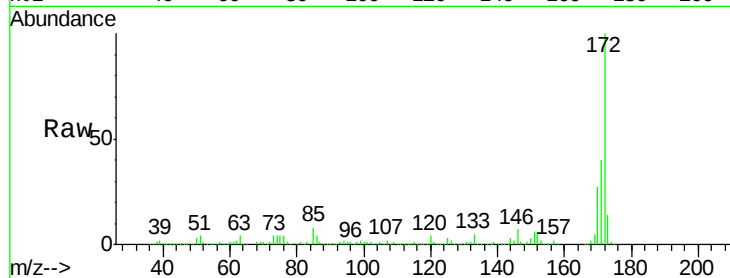
Tot Ion:172 Resp: 1180465

Ion Ratio Lower Upper

172 100

171 39.7 30.0 45.0

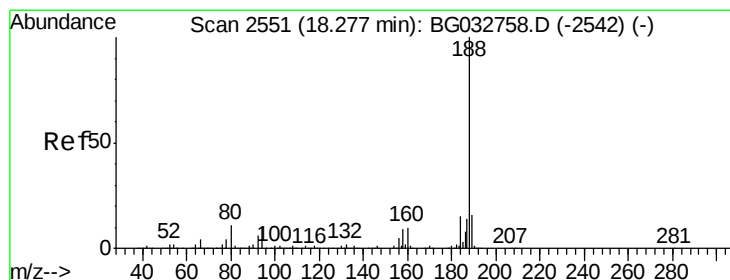
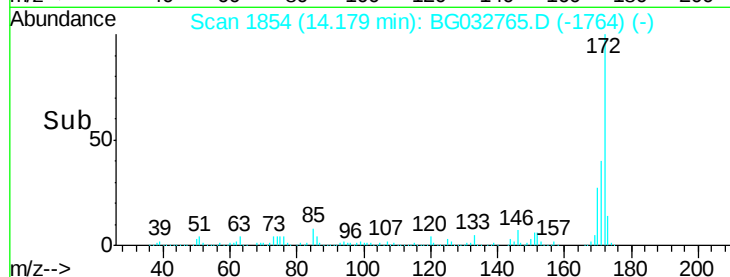
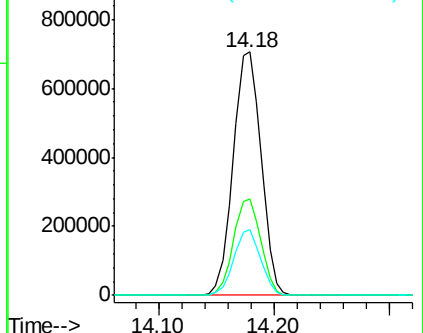
170 26.7 19.5 29.3



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: 18.27 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

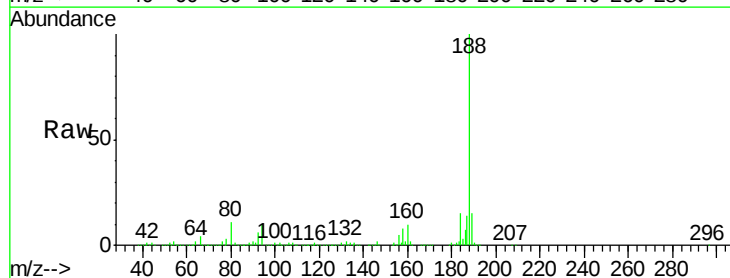
Tgt Ion:188 Resp: 419181

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

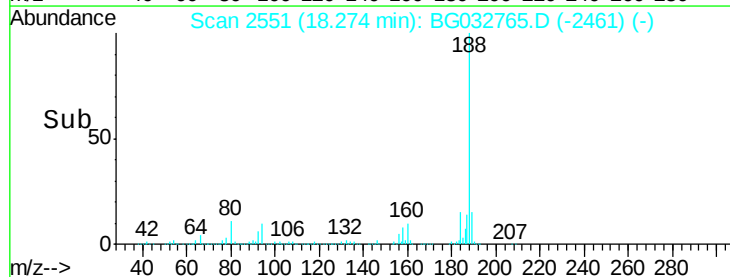
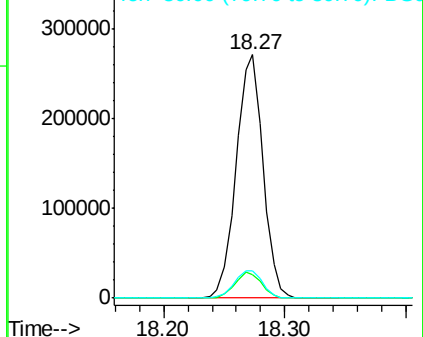
80 11.1 7.7 11.5

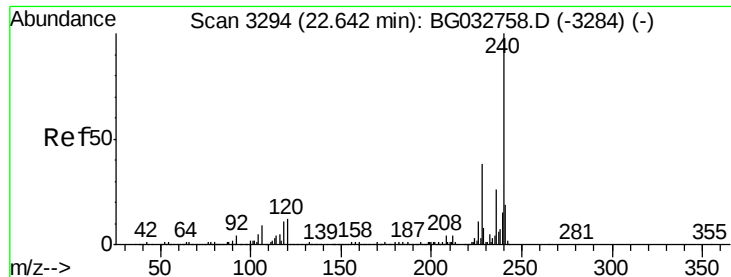


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

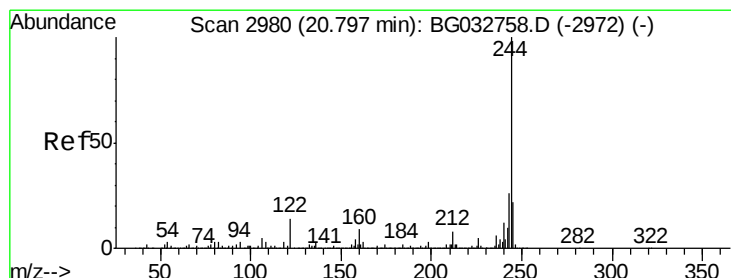
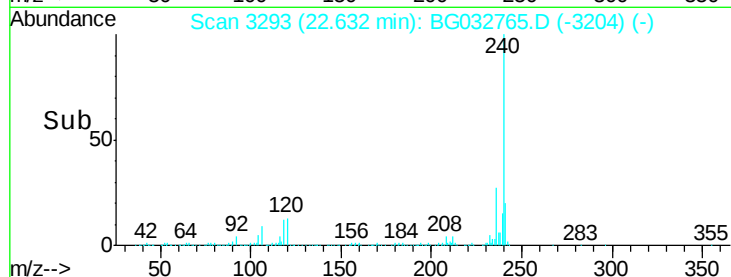
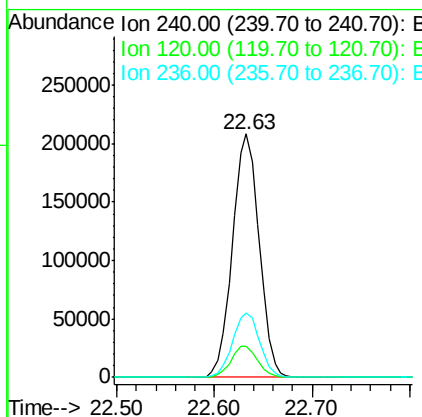
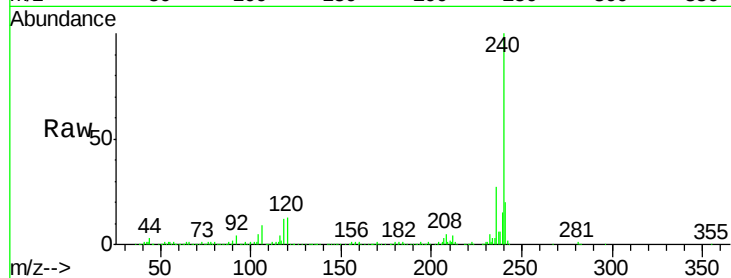




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3293
 Delta R.T. -0.01 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

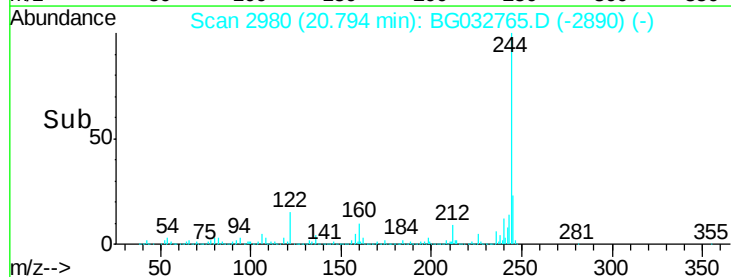
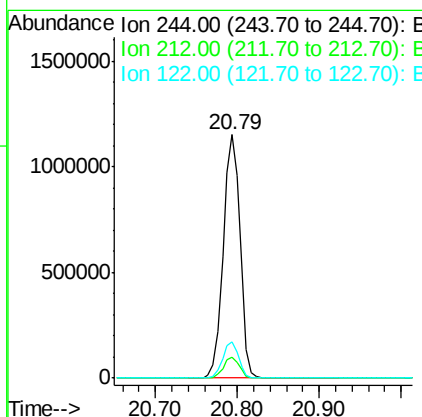
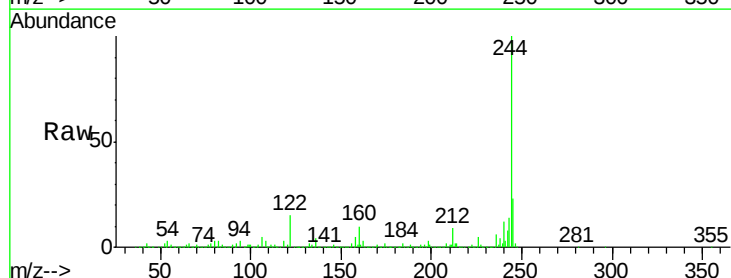
Instrument :
 BNA_G
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 OK-02-022018

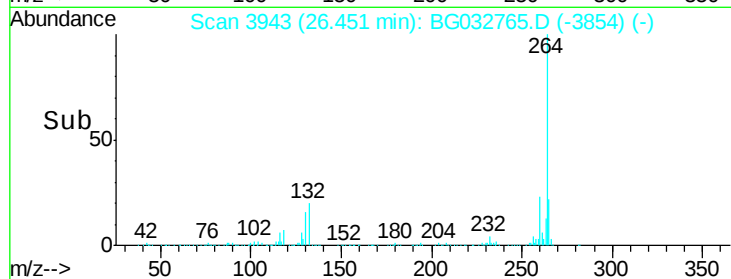
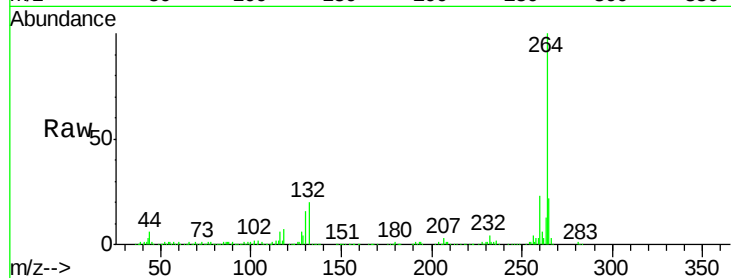
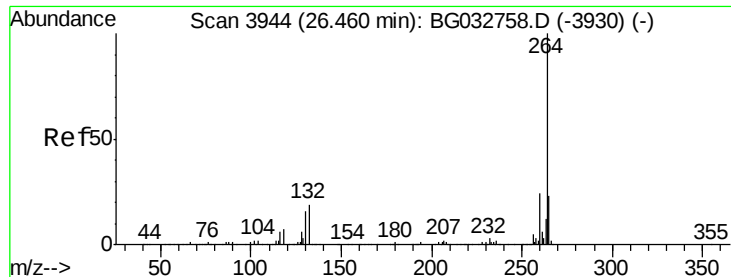
Tot Ion:240 Resp: 395331
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 92.901 ng
 RT: 20.79 min Scan# 2980
 Delta R.T. -0.00 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

Tgt Ion:244 Resp: 1634668
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8
 122 14.7 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.45 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

Tot Ion:264 Resp: 420220

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.8 17.7 26.5

