

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022218\
 Data File : BG032782.D
 Acq On : 22 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1634-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11931

Quant Time: Feb 22 18:07:57 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

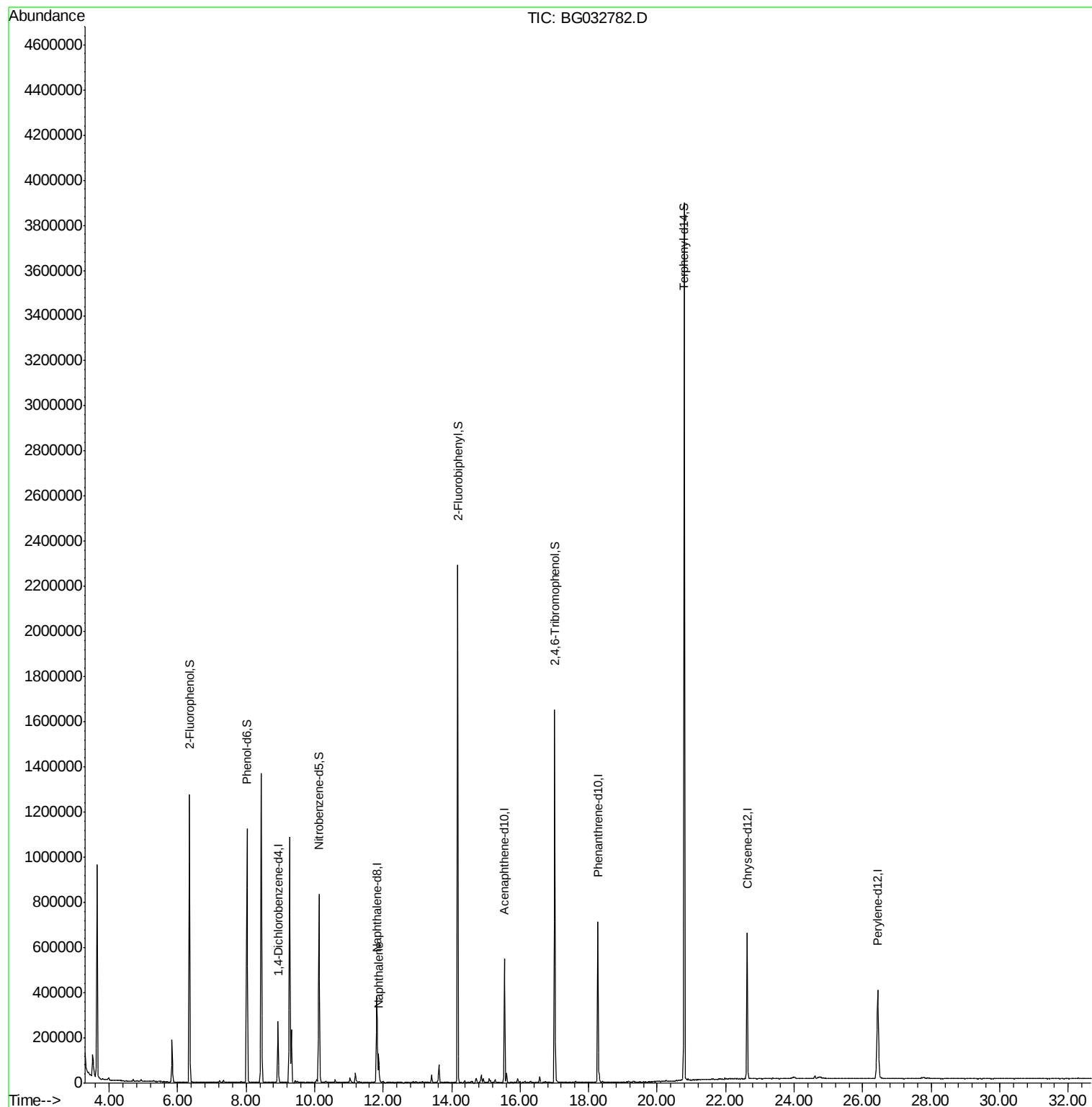
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	82608	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	348528	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	193056	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	439718	20.00	ng	0.00
75) Chrysene-d12	22.63	240	423487	20.00	ng	-0.01
86) Perylene-d12	26.44	264	444752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	631909	122.38	ng	0.00
7) Phenol-d6	8.02	99	749212	104.10	ng	0.00
23) Nitrobenzene-d5	10.13	82	529466	103.04	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	301025	148.29	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1177112	87.94	ng	0.00
78) Terphenyl-d14	20.79	244	1719728	91.24	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	113900	6.254	ng	Qvalue 99

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

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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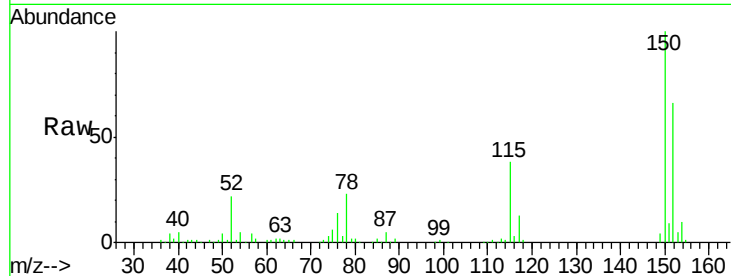


#1

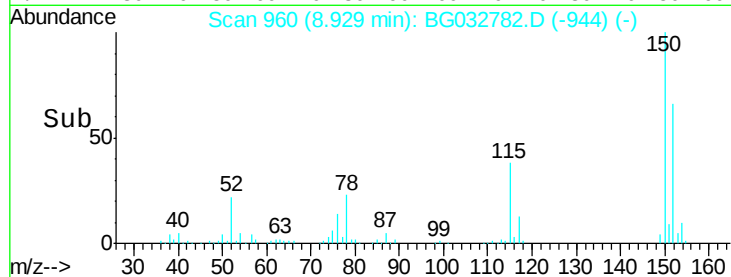
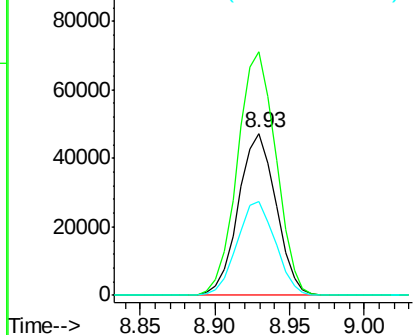
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032782.D
Acq: 22 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
RO-72-11931

Tot Ion:152 Resp: 82608
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 57.8 53.0 79.4



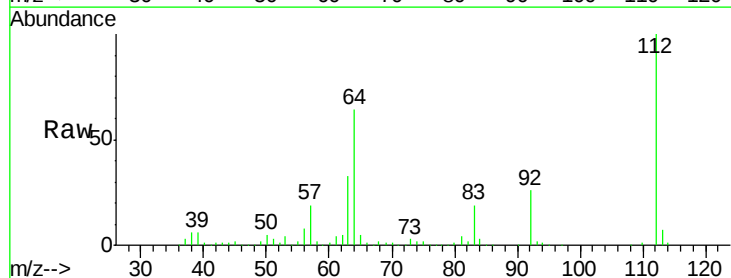
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



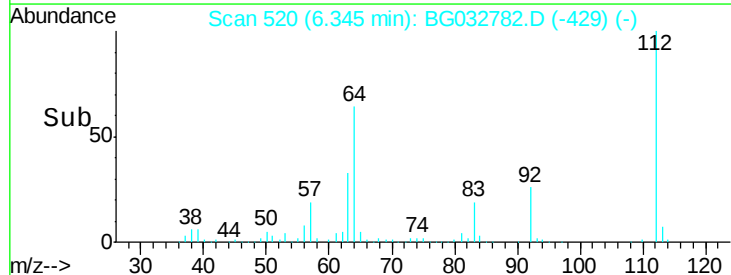
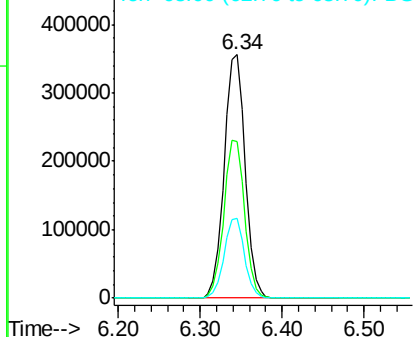
#5

2-Fluorophenol
Concen: 122.381 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032782.D
Acq: 22 Feb 2018 15:49

Tgt Ion:112 Resp: 631909
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 32.6 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: 104.098 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-72-11931

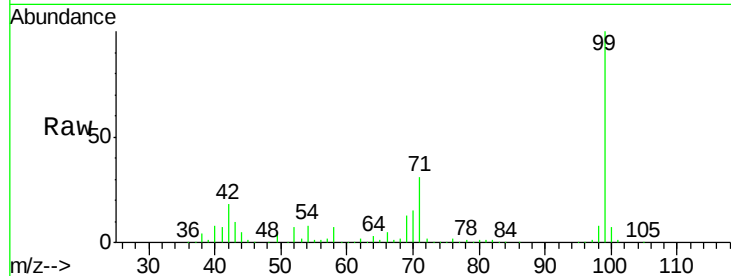
Tot Ion: 99 Resp: 749212

Ion Ratio Lower Upper

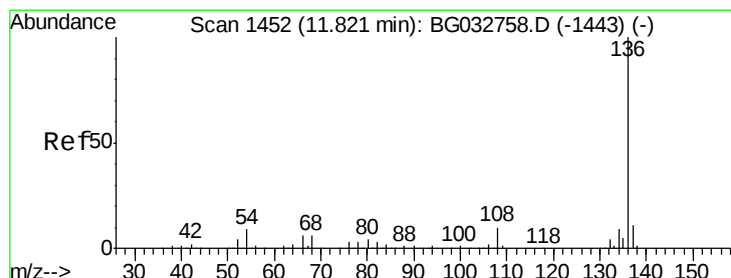
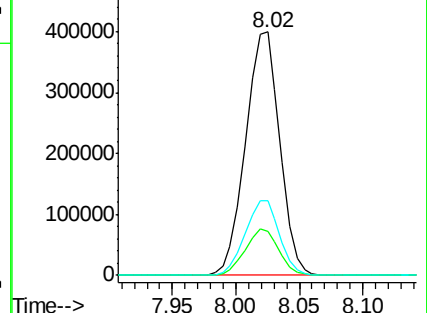
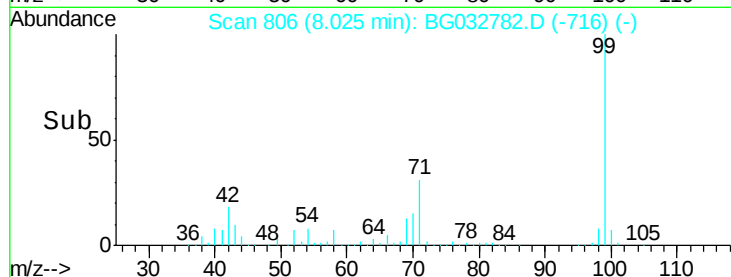
99 100

42 18.1 14.1 21.1

71 30.8 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: 11.81 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Tgt Ion: 136 Resp: 348528

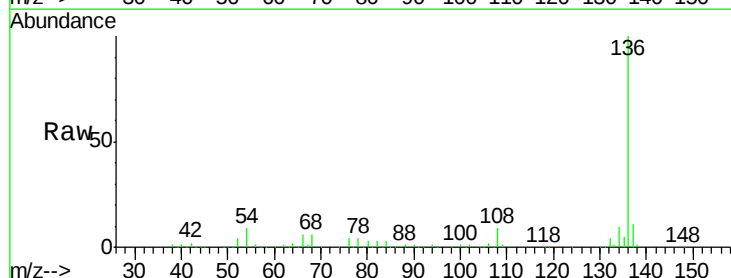
Ion Ratio Lower Upper

136 100

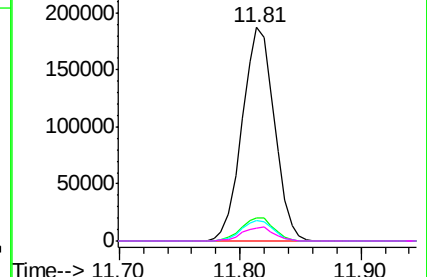
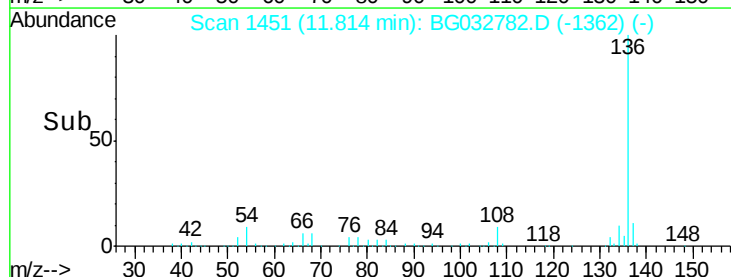
137 10.8 9.2 13.8

54 9.4 10.3 15.5#

68 6.3 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

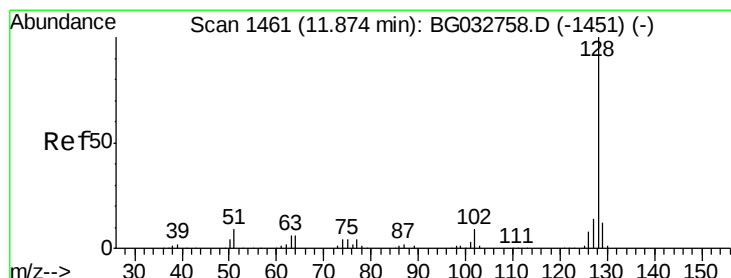
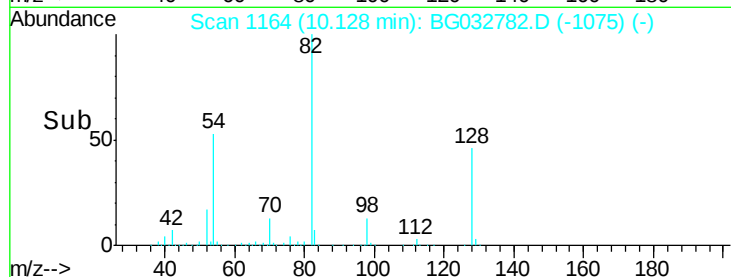
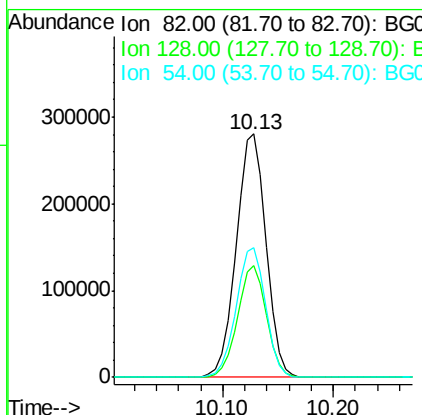
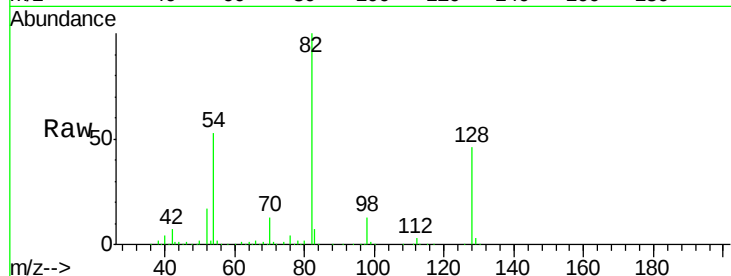




#23
Nitrobenzene-d5
Concen: 103.040 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032782.D
Acq: 22 Feb 2018 15:49

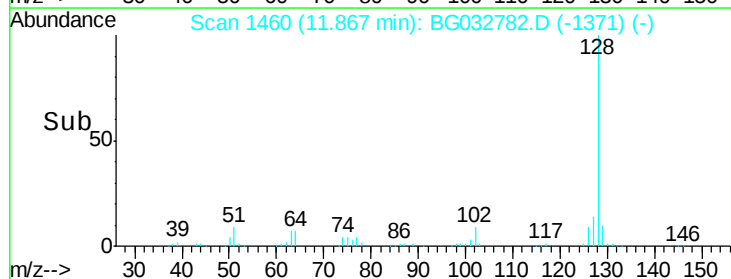
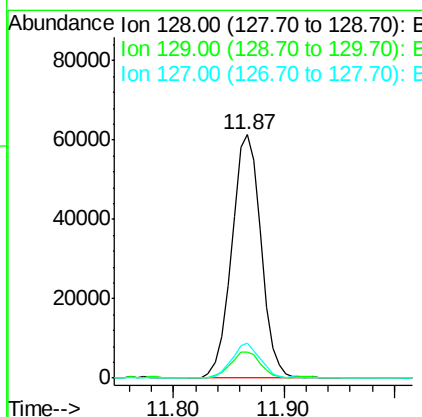
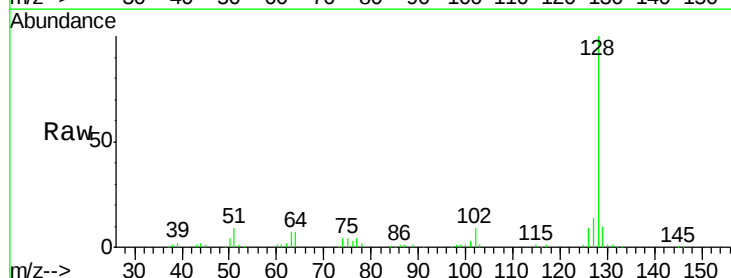
Instrument :
BNA_G
ClientSampleId :
RO-72-11931

Tot Ion: 82 Resp: 529466
Ion Ratio Lower Upper
82 100
128 46.1 29.7 44.5#
54 53.4 43.1 64.7



#31
Naphthalene
Concen: 6.254 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032782.D
Acq: 22 Feb 2018 15:49

Tgt Ion: 128 Resp: 113900
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-72-11931

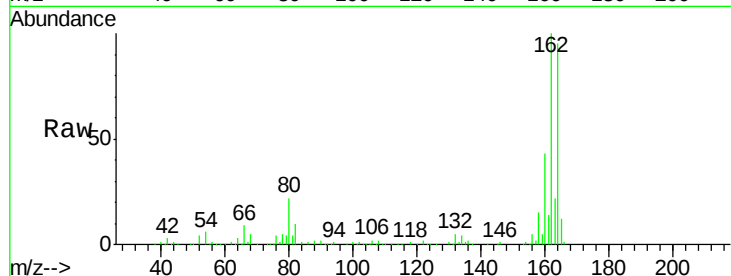
Tot Ion:164 Resp: 193056

Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

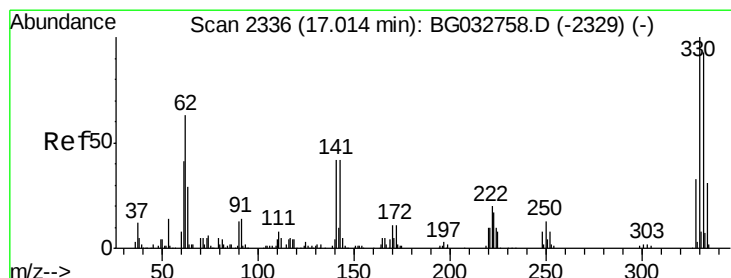
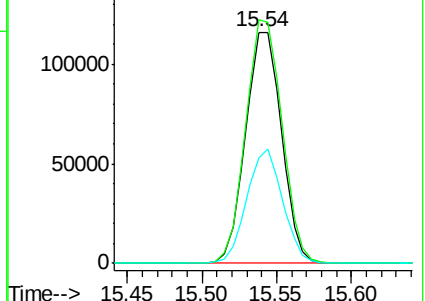
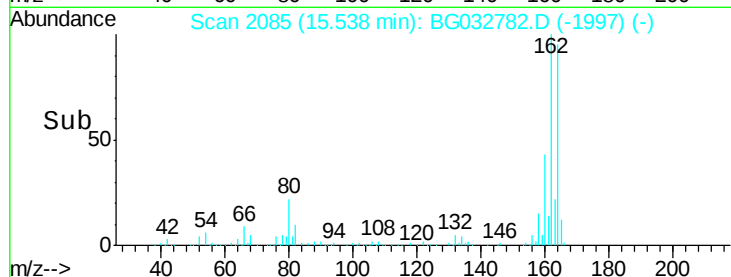
160 45.7 35.4 53.0



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: 148.294 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

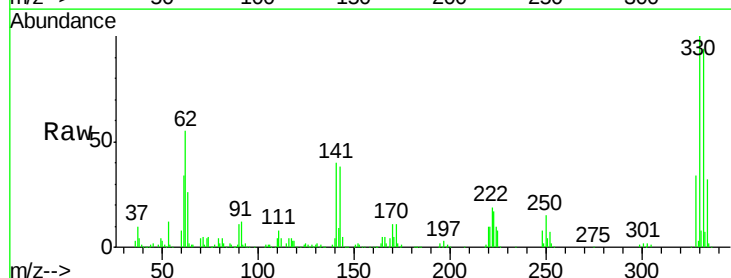
Tgt Ion:330 Resp: 301025

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

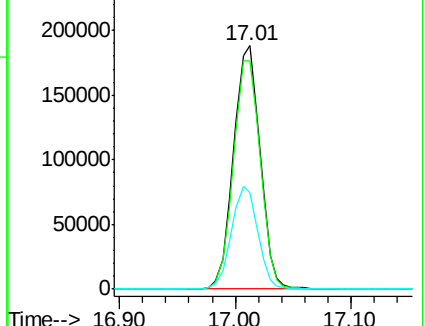
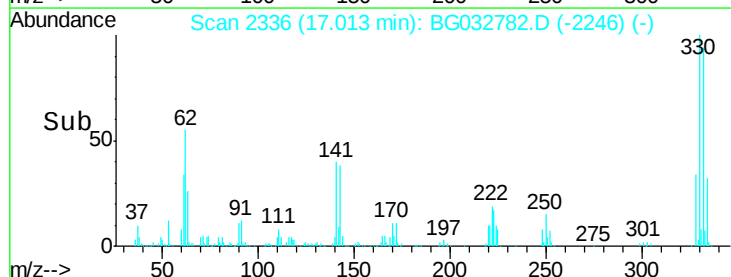
141 42.1 25.2 37.8#

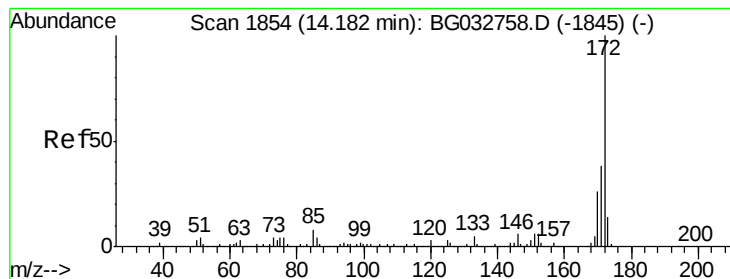


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.938 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Instrument :

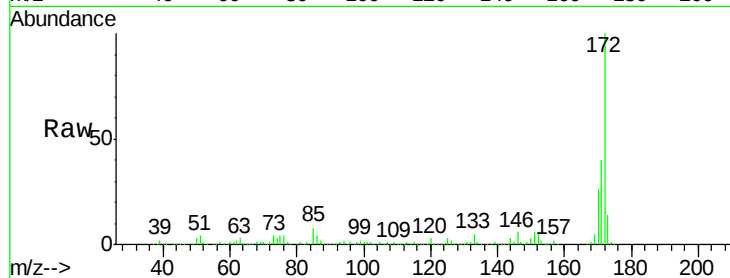
BNA_G

ClientSampleId :

RO-72-11931

Tot Ion:172 Resp: 1177112

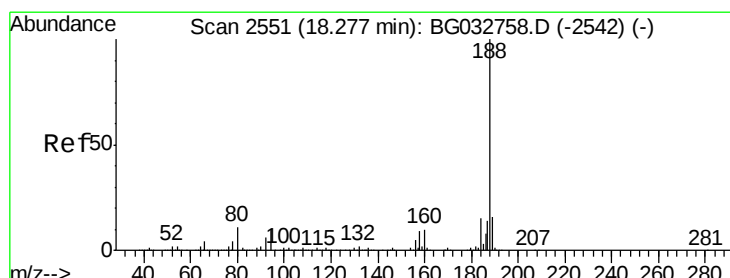
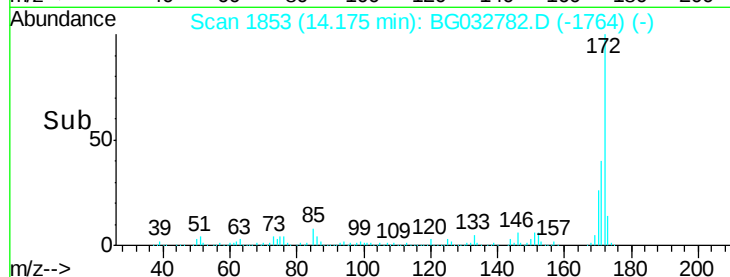
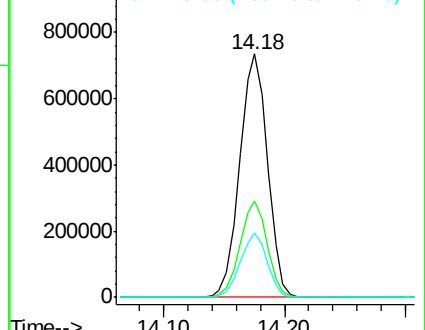
Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.0	45.0
170	26.2	19.5	29.3



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# 2550

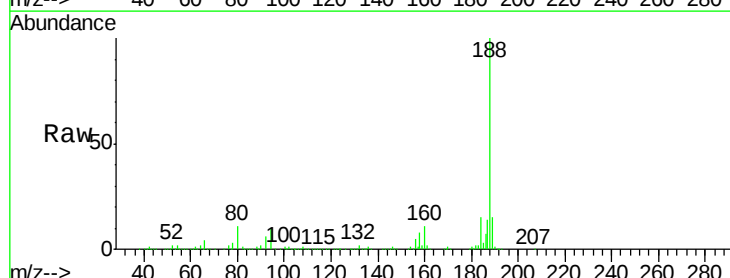
Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Tgt Ion:188 Resp: 439718

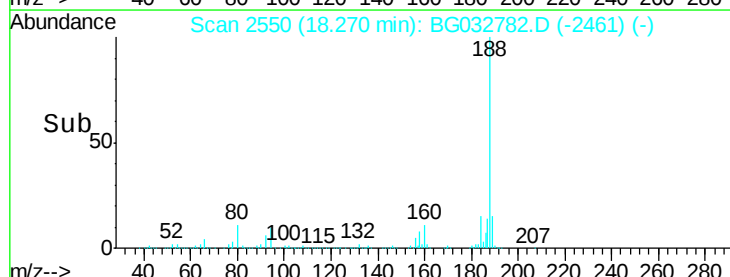
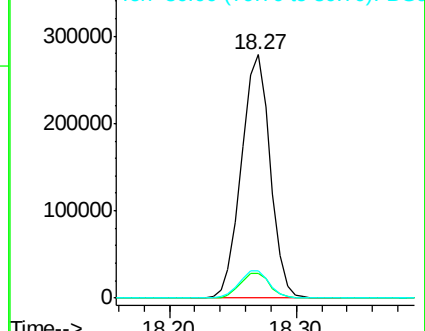
Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.9	10.3#
80	11.1	7.7	11.5

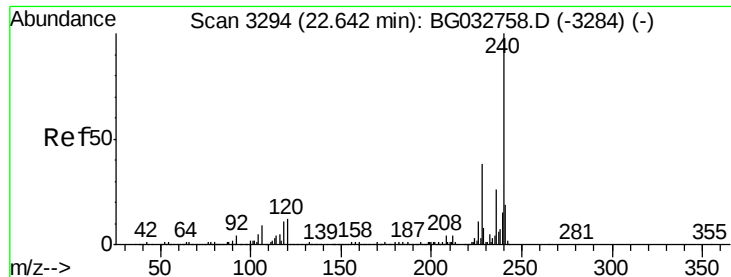


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

RO-72-11931

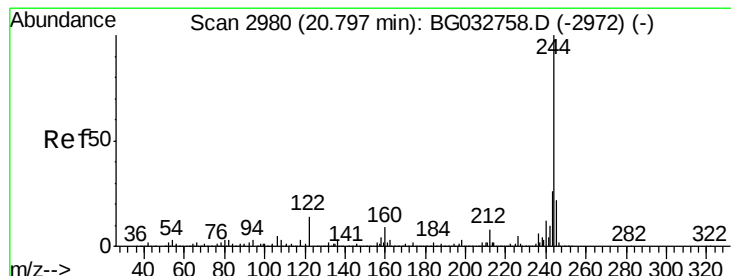
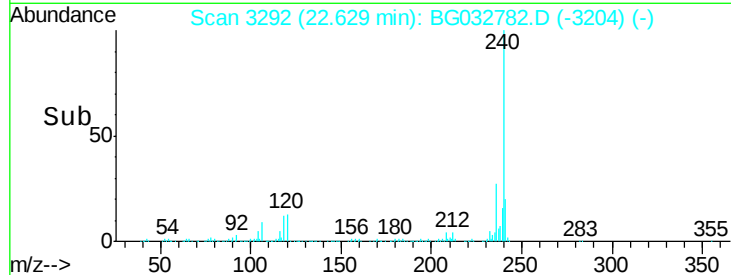
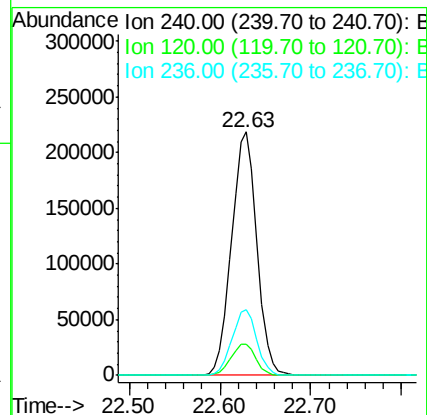
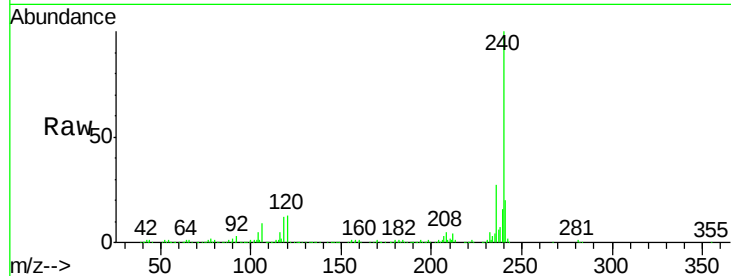
Tot Ion:240 Resp: 423487

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

236 27.1 20.9 31.3



#78

Terphenyl-d14

Concen: 91.237 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032782.D

Acq: 22 Feb 2018 15:49

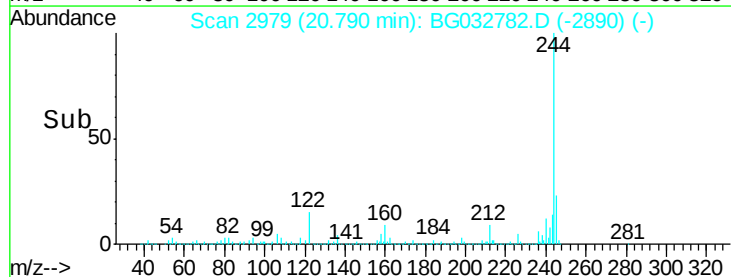
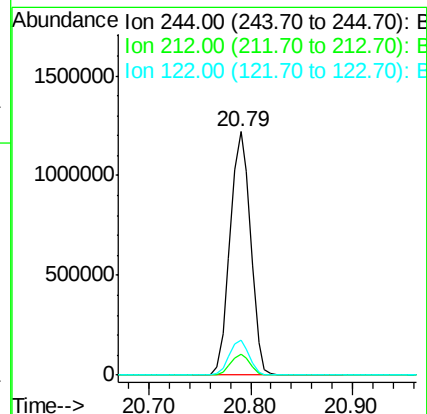
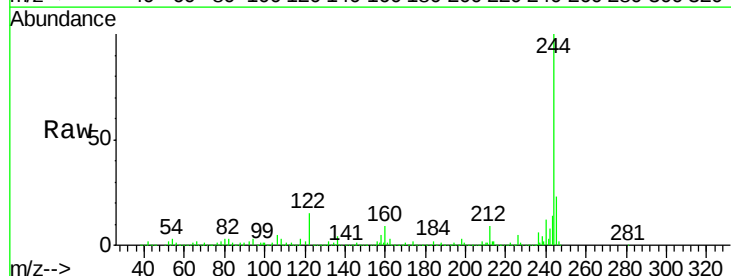
Tgt Ion:244 Resp: 1719728

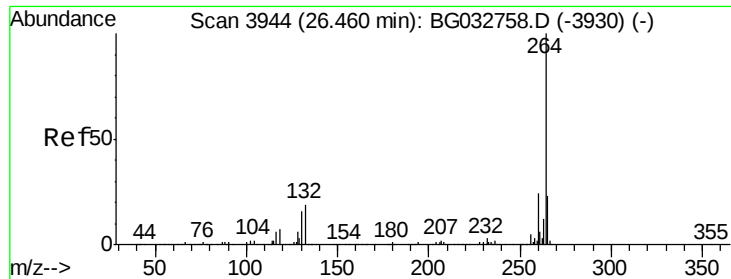
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 14.5 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032782.D
Acq: 22 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
RO-72-11931

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.0	17.7	26.5

