

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032915.D
 Acq On : 1 Mar 2018 9:41
 Operator : SJ/JU
 Sample : J1708-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-222-226

Quant Time: Mar 01 11:04:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	69481	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	303724	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	167478	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	369251	20.00	ng	0.00
75) Chrysene-d12	22.61	240	331394	20.00	ng	-0.02
86) Perylene-d12	26.42	264	312287	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	666803	153.54	ng	0.00
7) Phenol-d6	8.02	99	812206	134.17	ng	0.00
23) Nitrobenzene-d5	10.12	82	572747	125.51	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	256382	145.59	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1249668	107.62	ng	0.00
78) Terphenyl-d14	20.78	244	1660182	112.55	ng	0.00

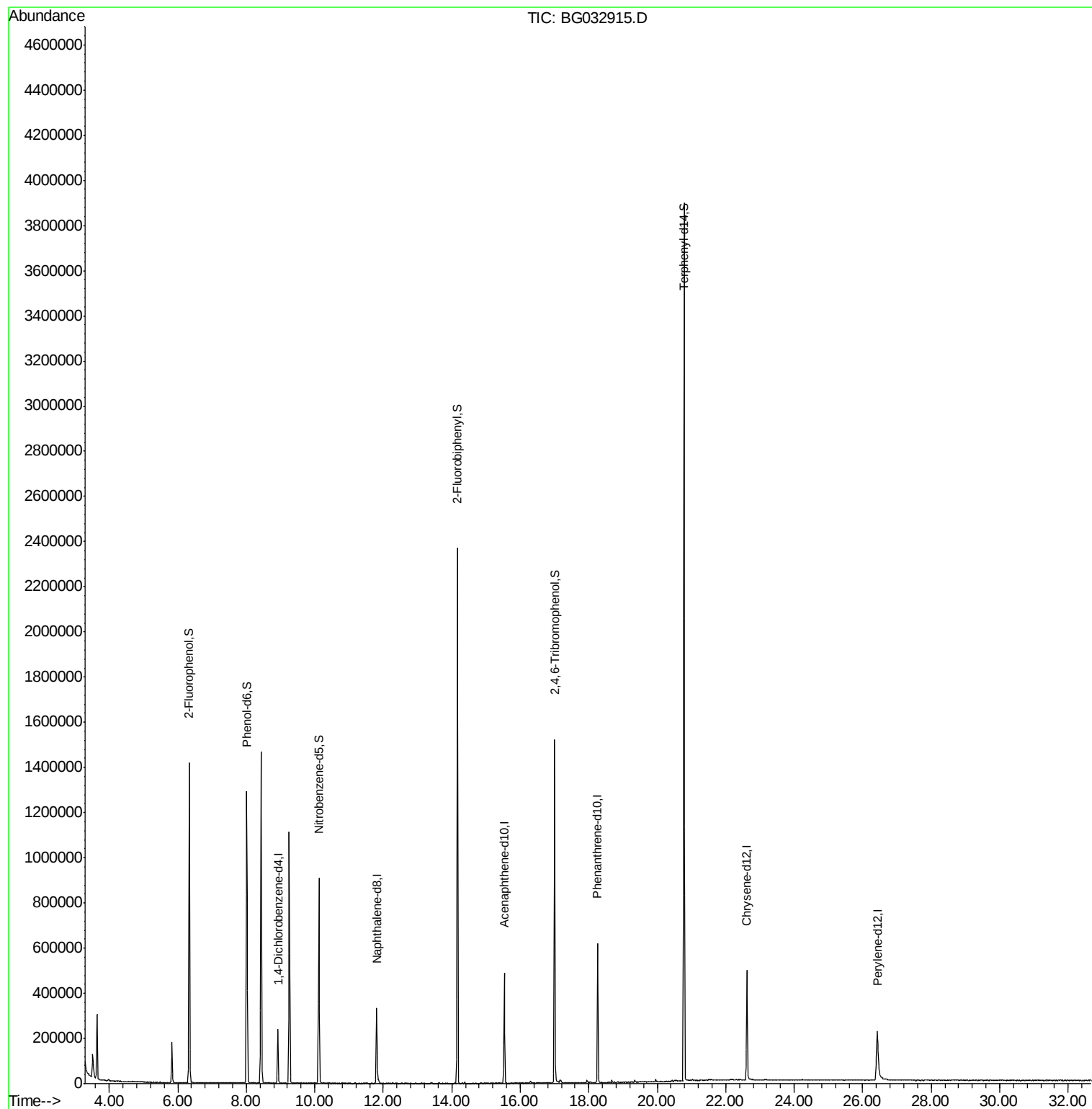
Target Compounds Qvalue

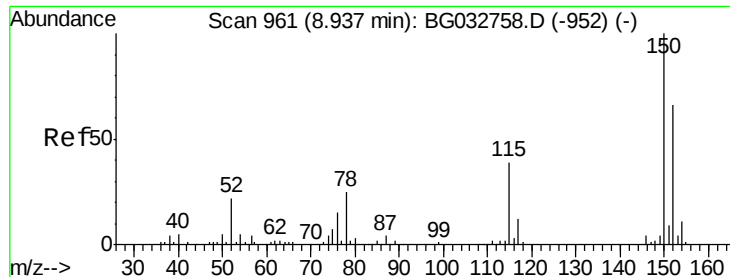
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032915.D
Acq On : 1 Mar 2018 9:41
Operator : SJ/JU
Sample : J1708-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-222-226

Quant Time: Mar 01 11:04:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



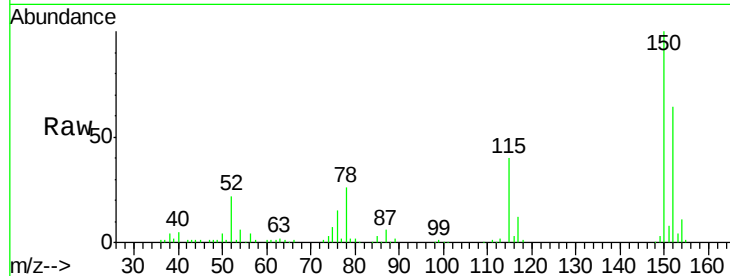


#1

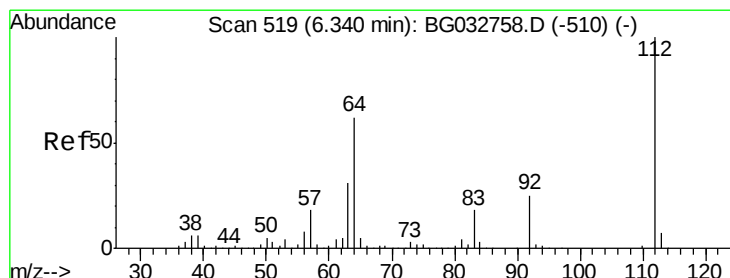
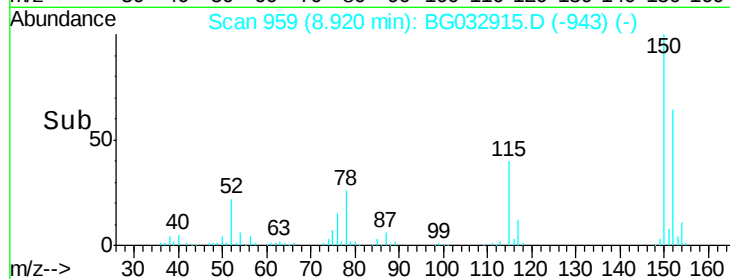
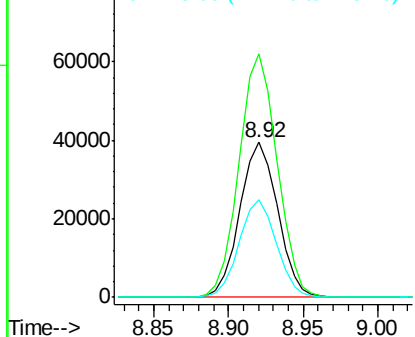
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Instrument :
BNA_G
ClientSampleId :
RO-222-226

Tot Ion:152 Resp: 69481
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 62.6 53.0 79.4



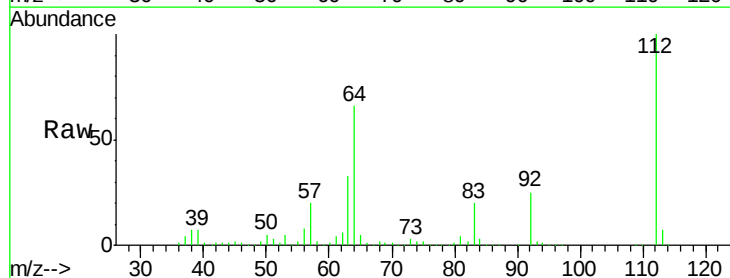
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



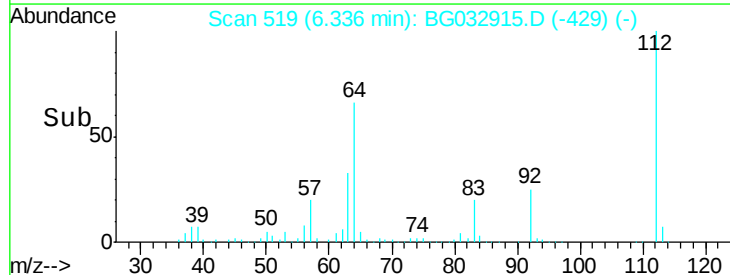
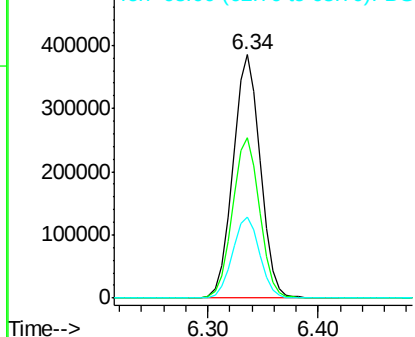
#5

2-Fluorophenol
Concen: 153.537 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Tgt Ion:112 Resp: 666803
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 33.4 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: 134.172 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampleId :

RO-222-226

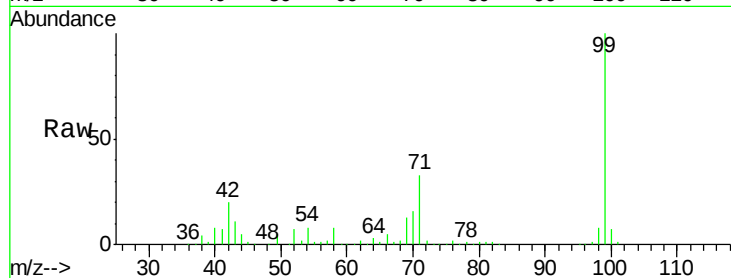
Tot Ion: 99 Resp: 812206

Ion Ratio Lower Upper

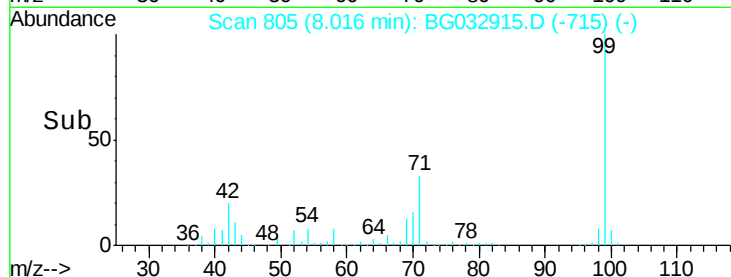
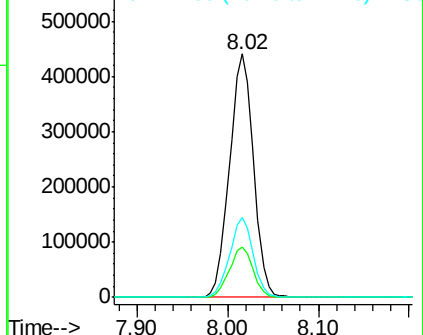
99 100

42 20.5 14.1 21.1

71 32.6 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: 11.80 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Tgt Ion: 136 Resp: 303724

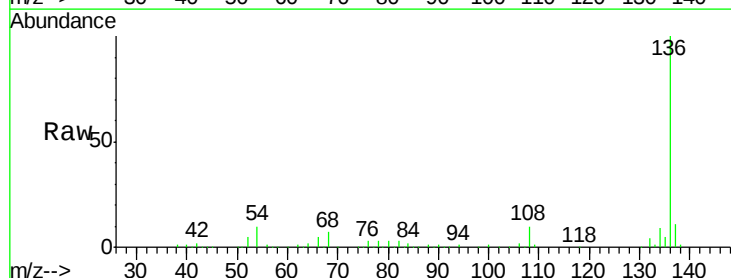
Ion Ratio Lower Upper

136 100

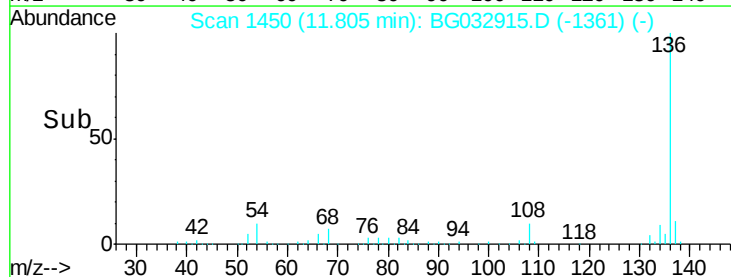
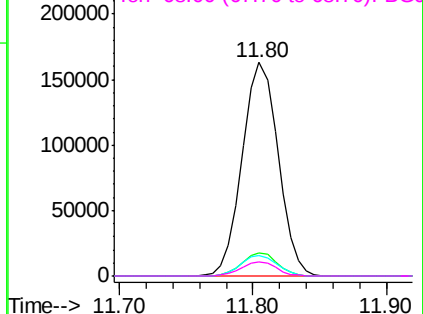
137 11.0 9.2 13.8

54 9.7 10.3 15.5#

68 6.6 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: 125.513 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

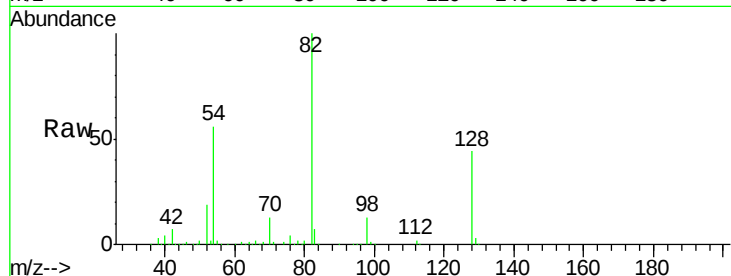
BNA_G

ClientSampleId :

RO-222-226

Tot Ion: 82 Resp: 572747

Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	56.4	43.1	64.7

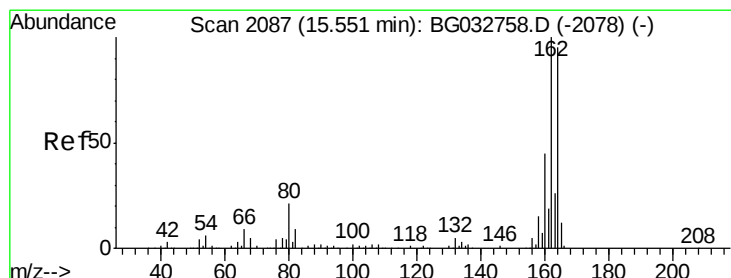
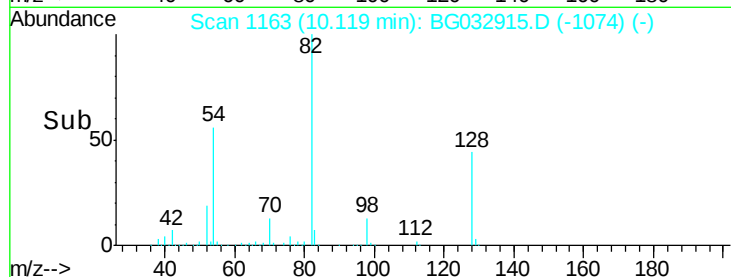
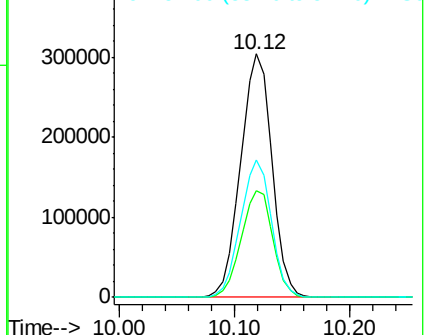


Abundance

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

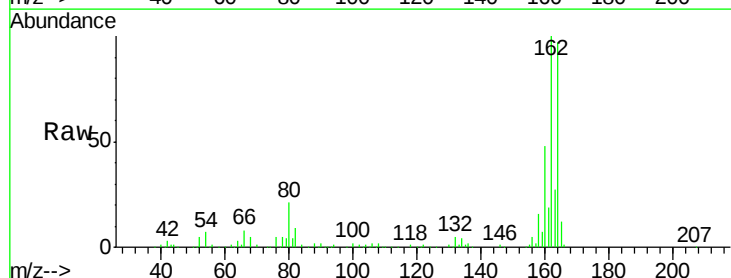
Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Tgt Ion: 164 Resp: 167478

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	49.6	35.4	53.0

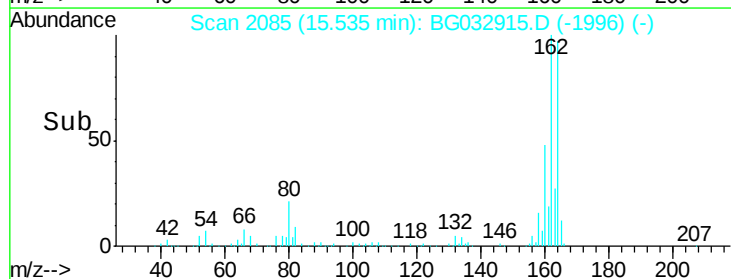
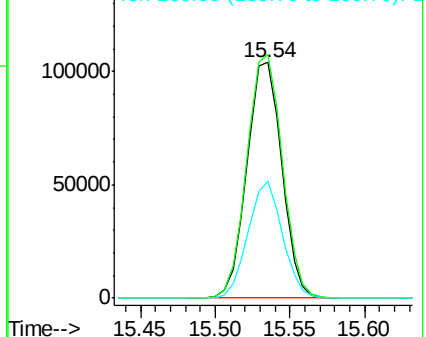


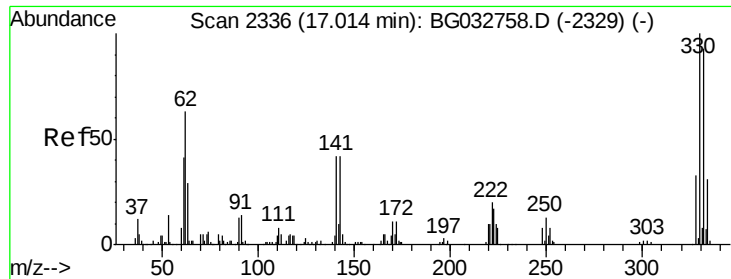
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

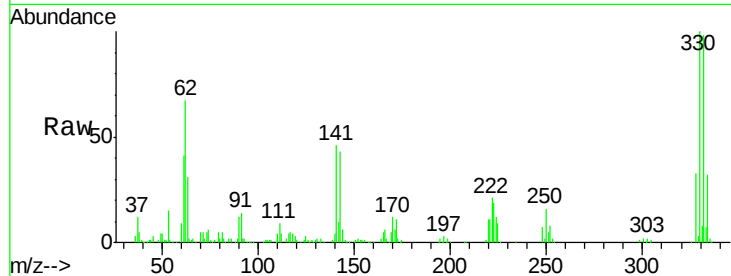




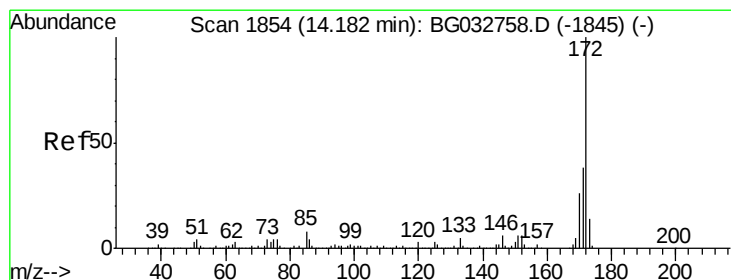
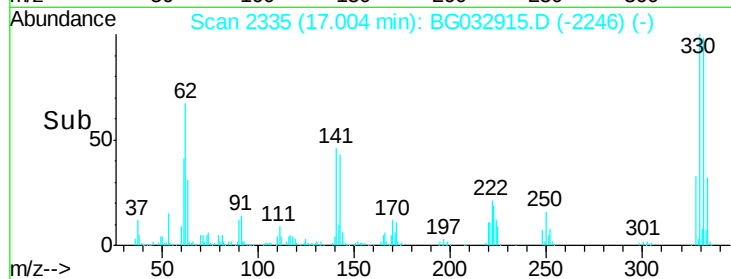
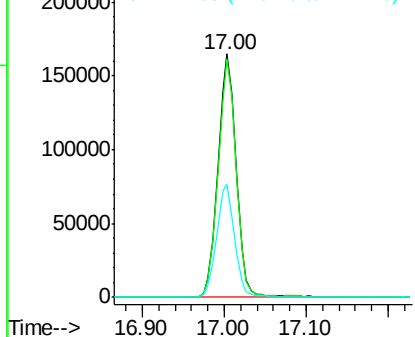
#41
 2,4,6-Tribromophenol
 Concen: 145.591 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Instrument :
 BNA_G
 ClientSampleId :
 RO-222-226

Tot Ion:330 Resp: 256382
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 45.8 25.2 37.8#

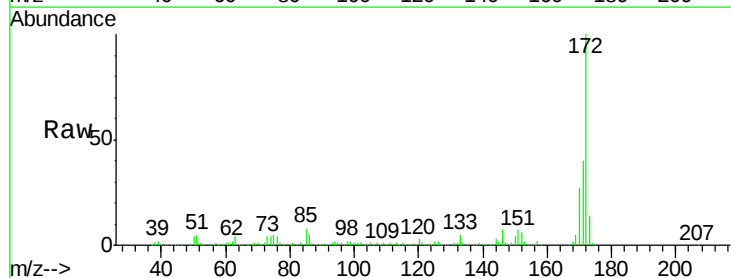


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

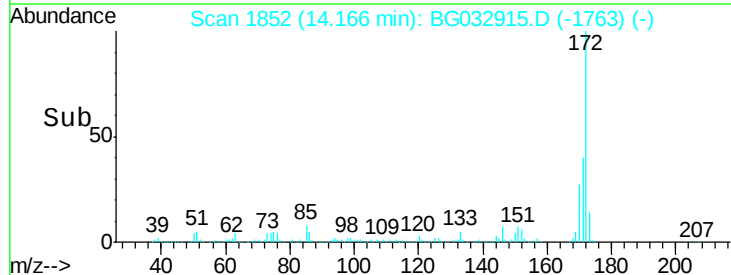
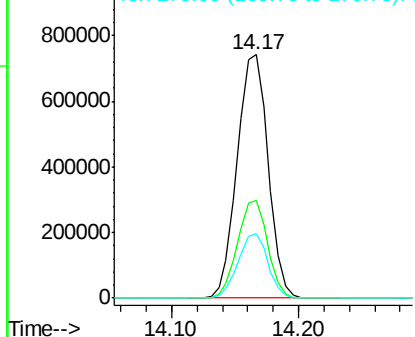


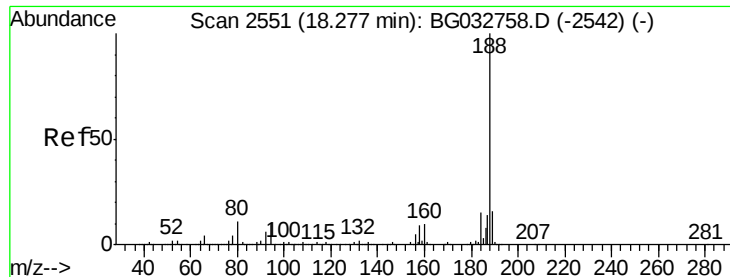
#44
 2-Fluorobiphenyl
 Concen: 107.616 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Tgt Ion:172 Resp: 1249668
 Ion Ratio Lower Upper
 172 100
 171 40.1 30.0 45.0
 170 26.5 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

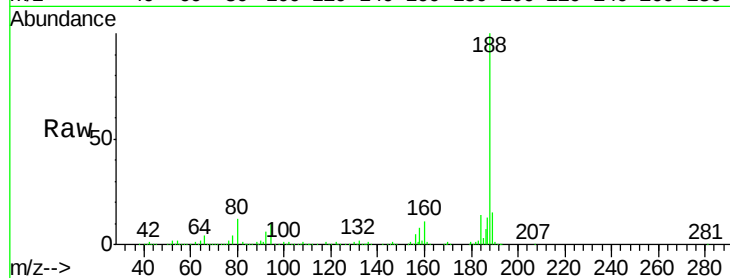




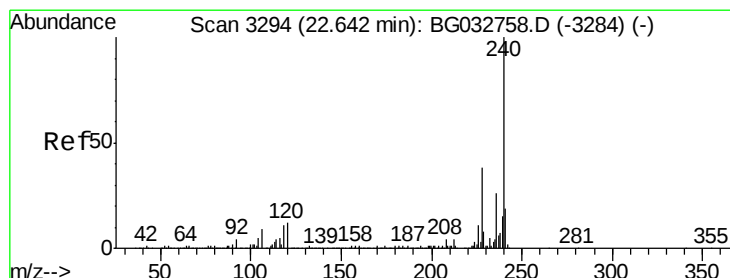
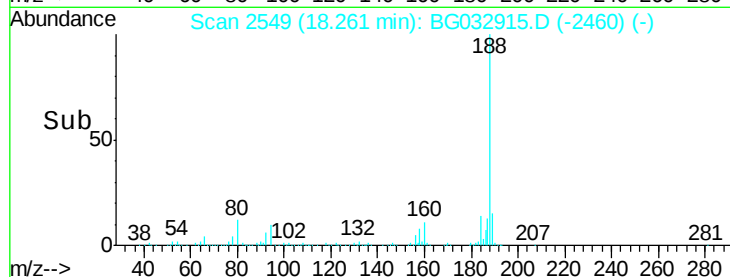
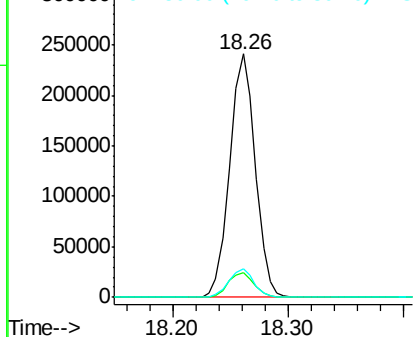
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Instrument :
BNA_G
ClientSampleId :
RO-222-226

Tot Ion:188 Resp: 369251
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.7 7.7 11.5#

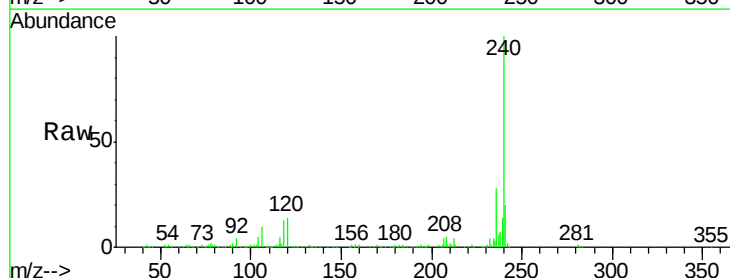


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

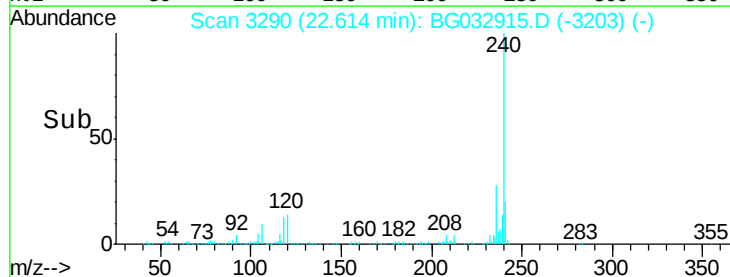
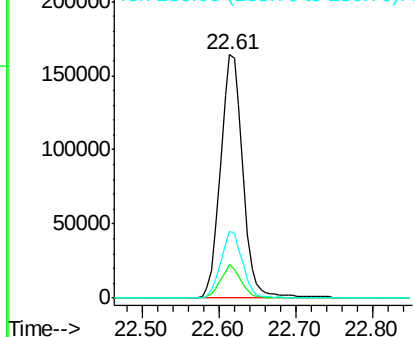


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Tgt Ion:240 Resp: 331394
Ion Ratio Lower Upper
240 100
120 14.0 6.8 10.2#
236 27.6 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: 112.554 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampleId :

RO-222-226

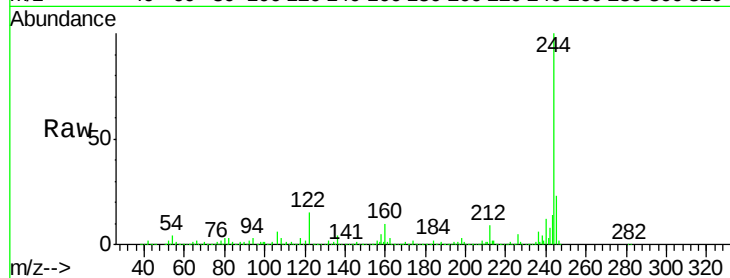
Tot Ion:244 Resp: 1660182

Ion Ratio Lower Upper

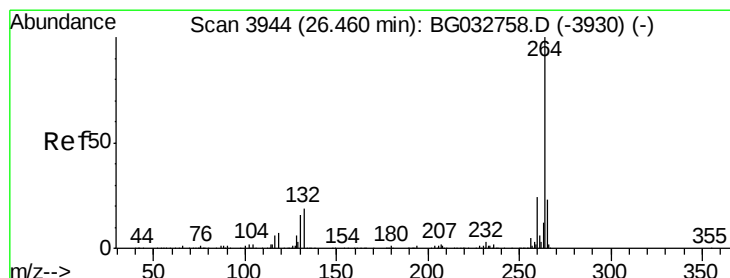
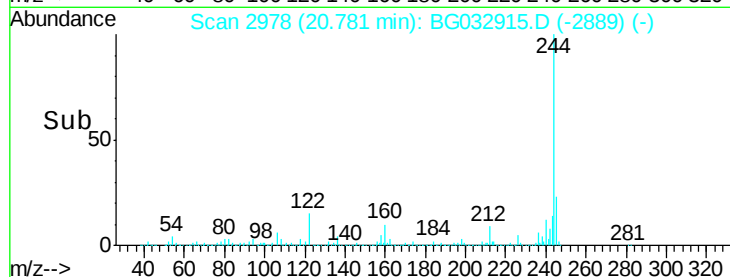
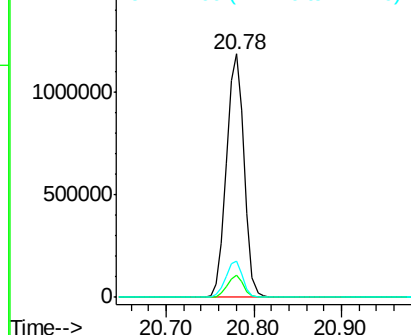
244 100

212 9.0 5.8 8.8#

122 15.0 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: 26.42 min Scan# 3938

Delta R.T. -0.02 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

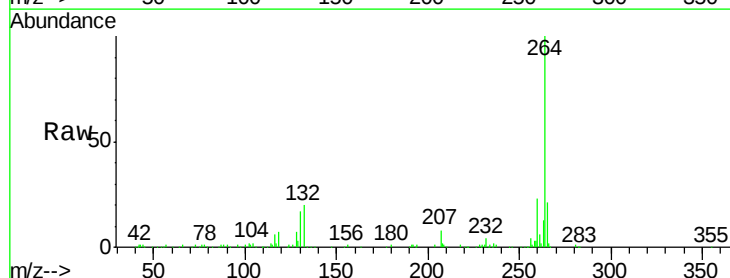
Tgt Ion:264 Resp: 312287

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 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

