

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032129.D
 Acq On : 18 Jan 2018 9:00
 Operator : SJ/JU
 Sample : J1158-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Quant Time: Jan 18 10:19:24 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	47477	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	189541	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	131684	20.00	ng	0.00
63) Phenanthrene-d10	18.12	188	364097	20.00	ng	0.00
75) Chrysene-d12	22.45	240	458739	20.00	ng	0.00
86) Perylene-d12	26.15	264	477522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	353079	136.01	ng	0.00
7) Phenol-d6	7.85	99	393071	120.23	ng	0.00
23) Nitrobenzene-d5	9.94	82	293074	104.61	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	367337	168.58	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1023290	96.35	ng	0.00
78) Terphenyl-d14	20.66	244	2128711	102.46	ng	0.00

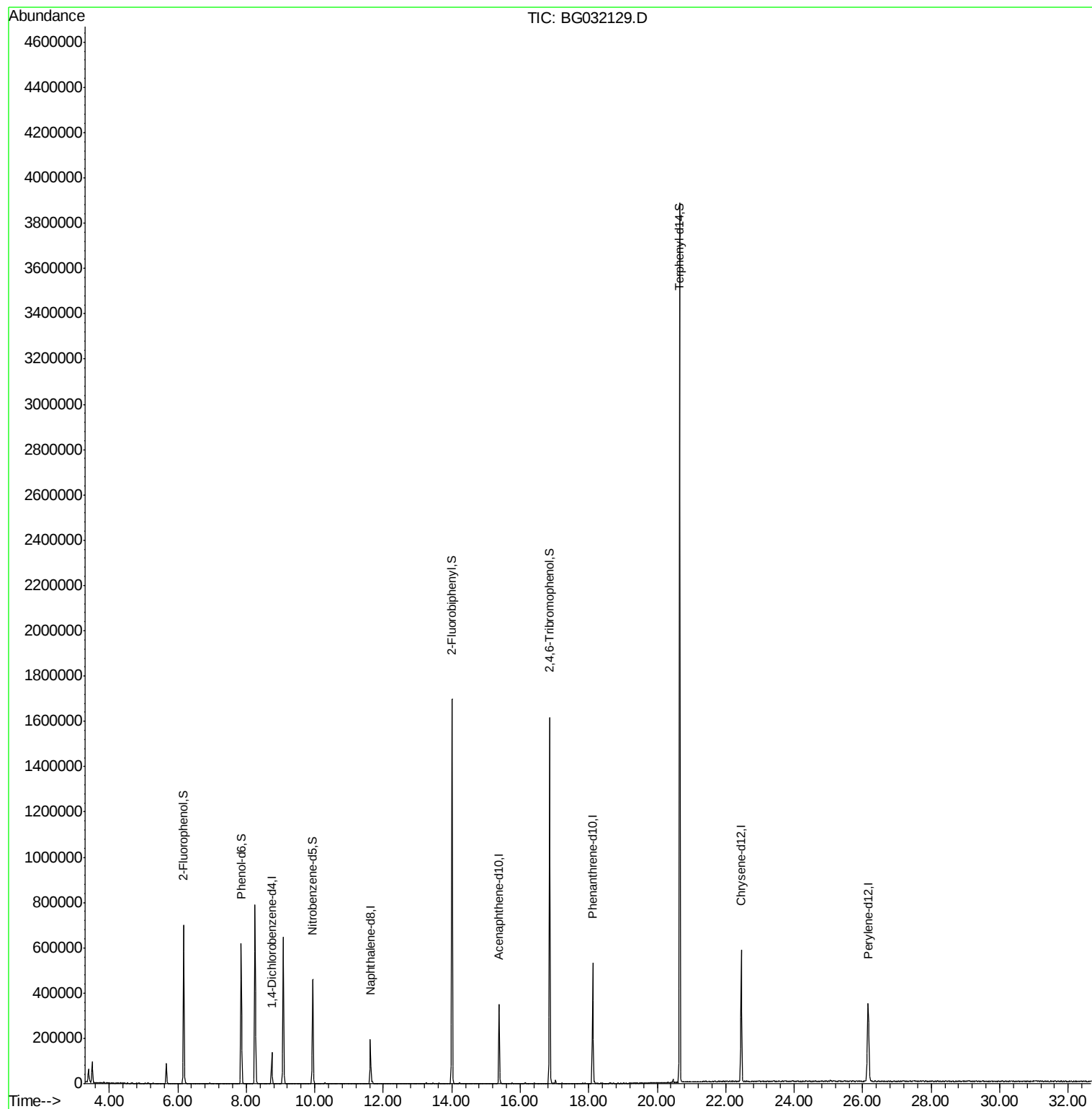
Target Compounds	Qvalue
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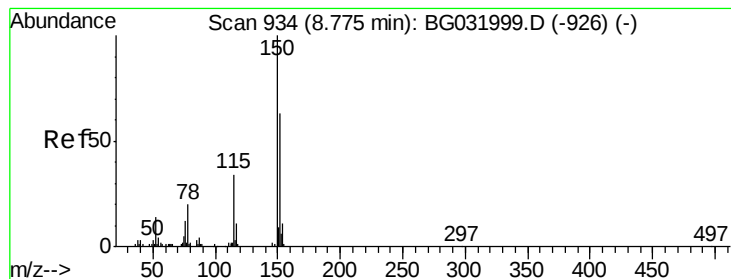
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

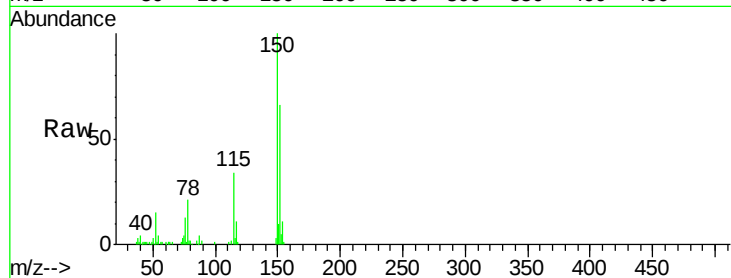
Tgt Ion:152 Resp: 47477

Ion Ratio Lower Upper

152 100

150 151.9 126.6 189.8

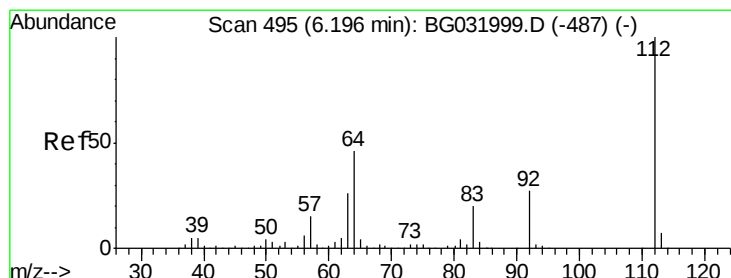
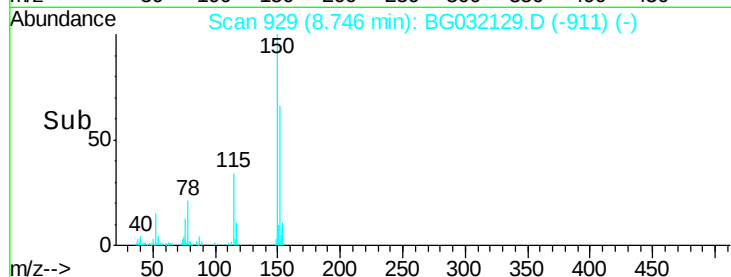
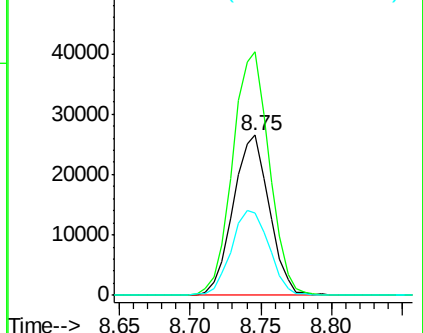
115 51.2 53.0 79.4#



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: 136.015 ng

RT: 6.17 min Scan# 491

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

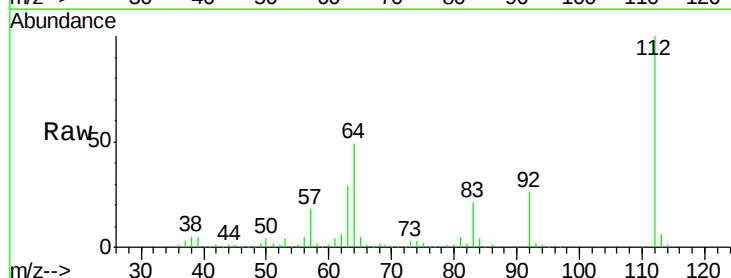
Tgt Ion:112 Resp: 353079

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

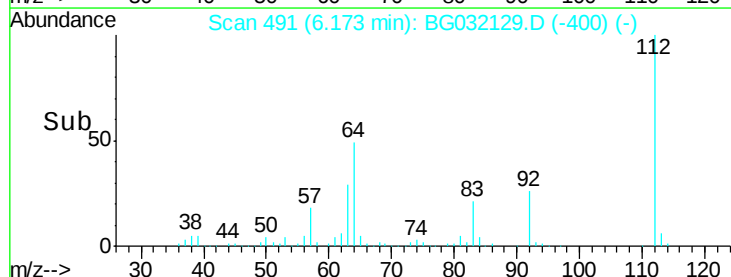
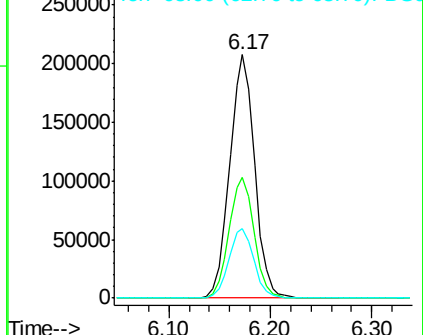
63 28.8 30.1 45.1#



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: 120.229 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

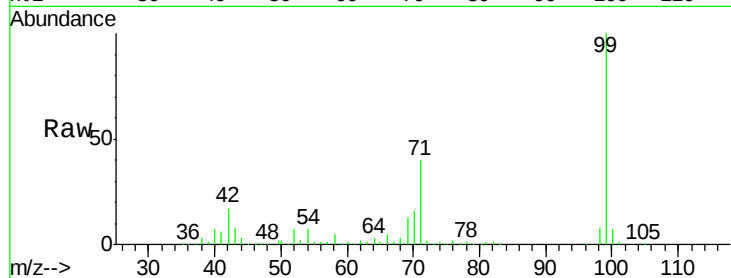
Tgt Ion: 99 Resp: 393071

Ion Ratio Lower Upper

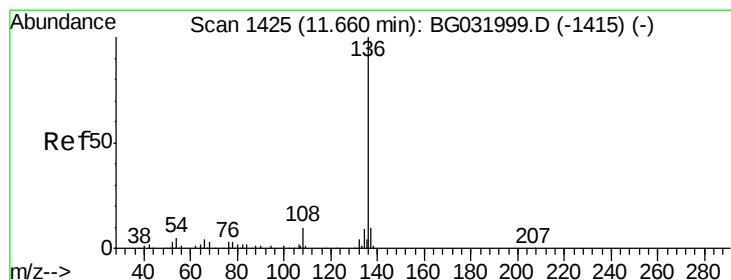
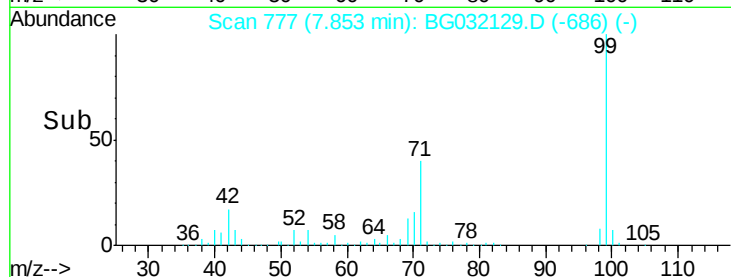
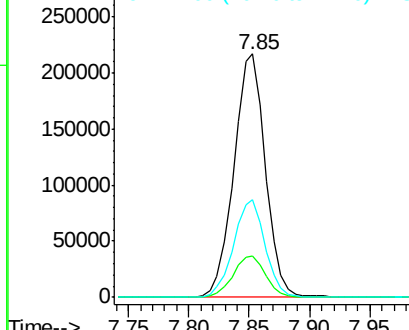
99 100

42 16.8 14.1 21.1

71 40.2 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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Tgt Ion: 136 Resp: 189541

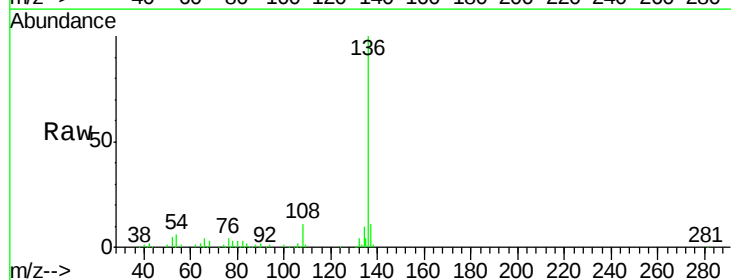
Ion Ratio Lower Upper

136 100

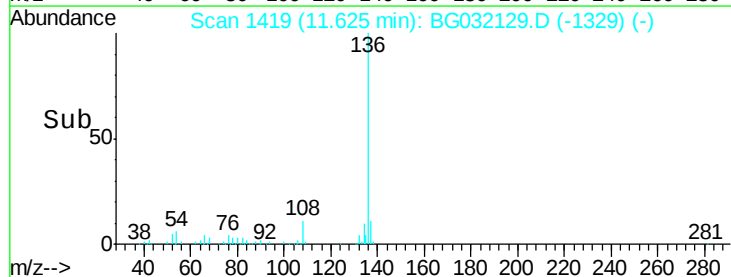
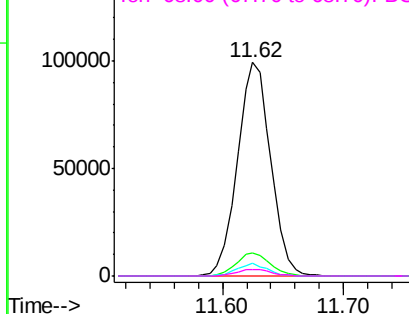
137 10.6 9.2 13.8

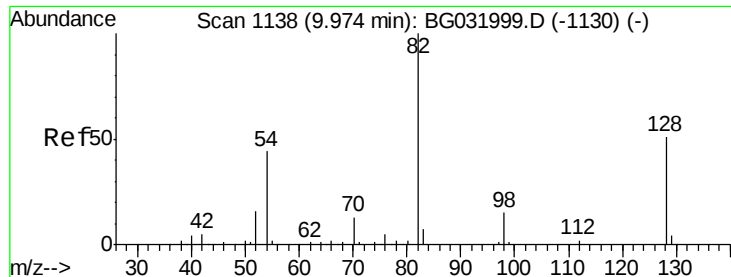
54 5.9 10.3 15.5#

68 2.9 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

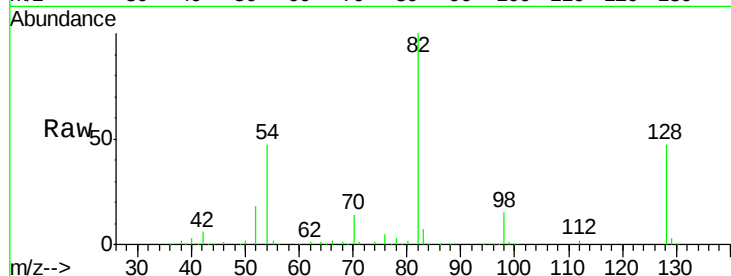




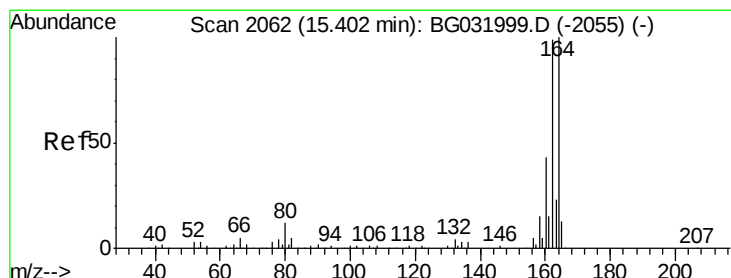
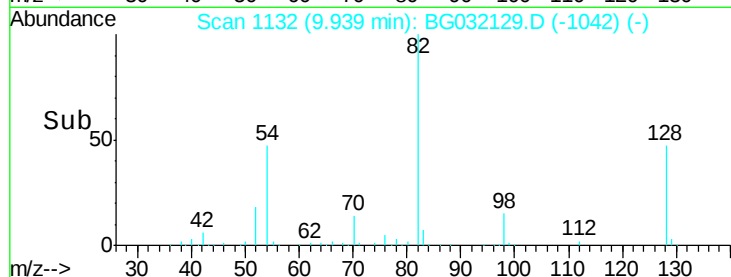
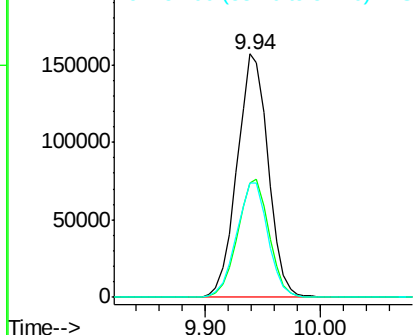
#23
 Nitrobenzene-d5
 Concen: 104.609 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Tgt Ion: 82 Resp: 293074
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 46.9 43.1 64.7

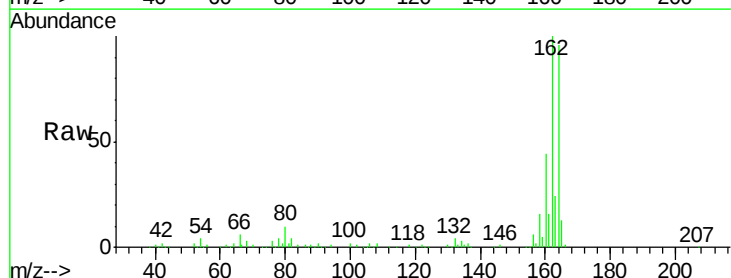


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

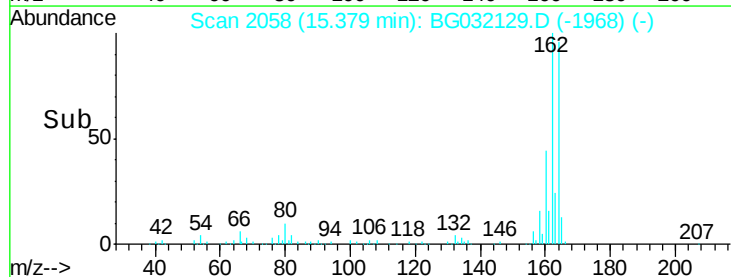
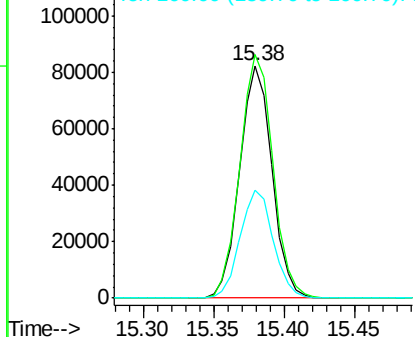


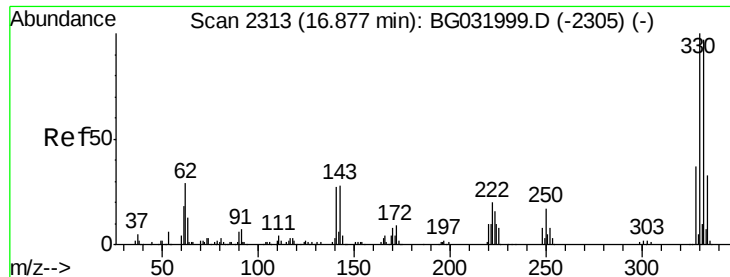
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Tgt Ion: 164 Resp: 131684
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 46.4 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: 168.576 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

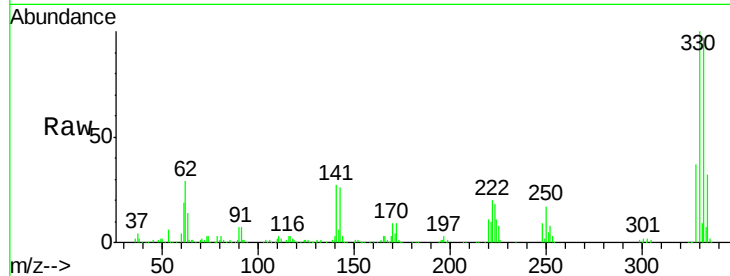
Tgt Ion:330 Resp: 367337

Ion Ratio Lower Upper

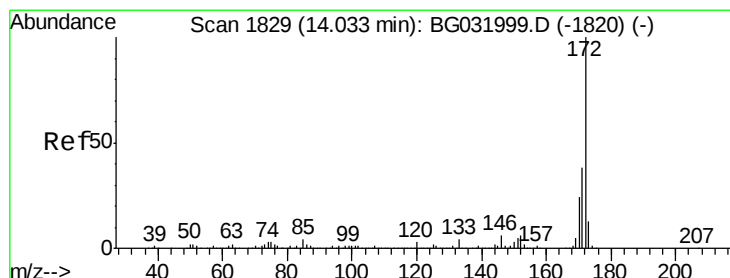
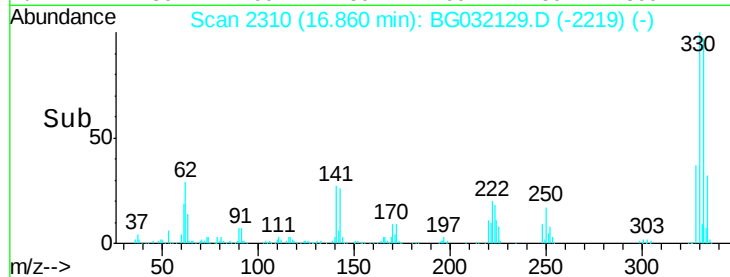
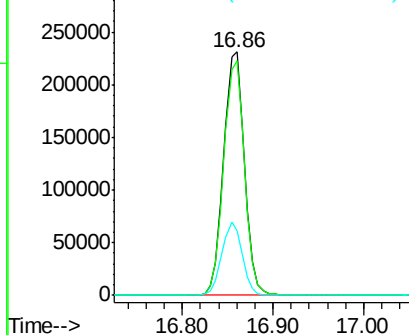
330 100

332 97.0 77.0 115.6

141 29.6 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: 96.354 ng

RT: 14.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

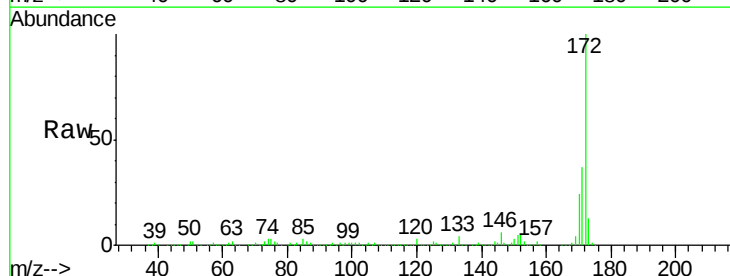
Tgt Ion:172 Resp: 1023290

Ion Ratio Lower Upper

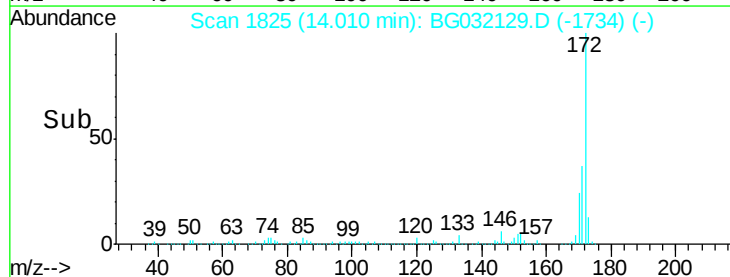
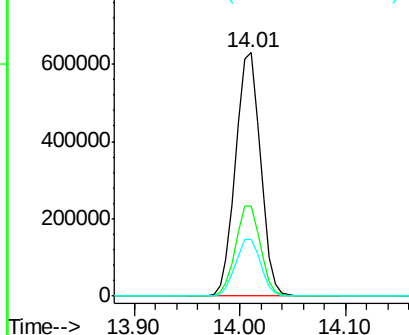
172 100

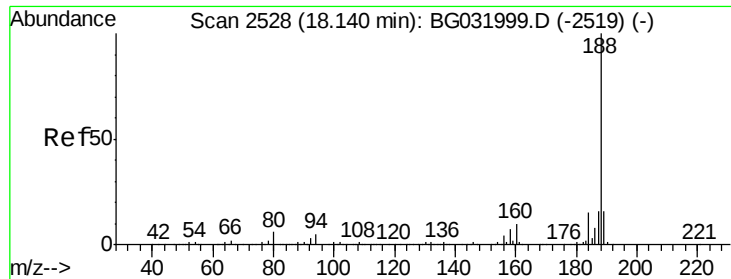
171 37.1 30.0 45.0

170 23.5 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

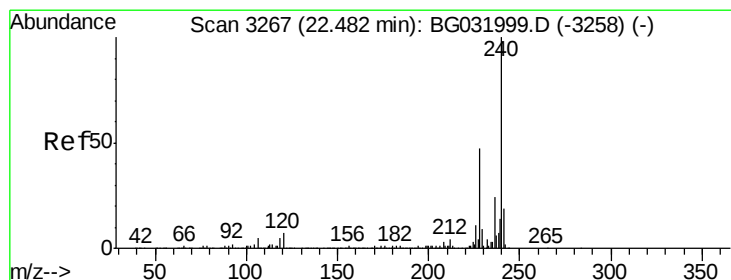
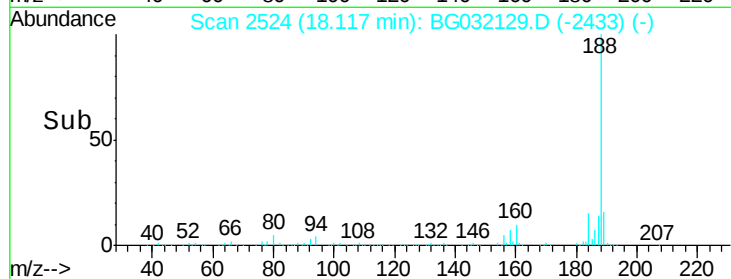
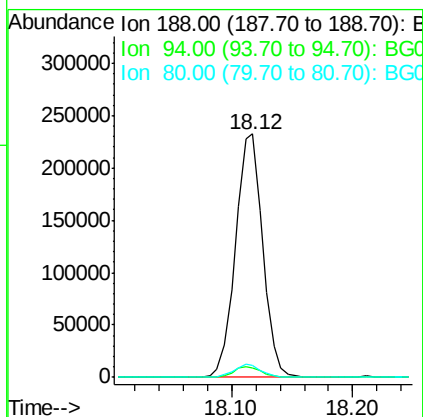
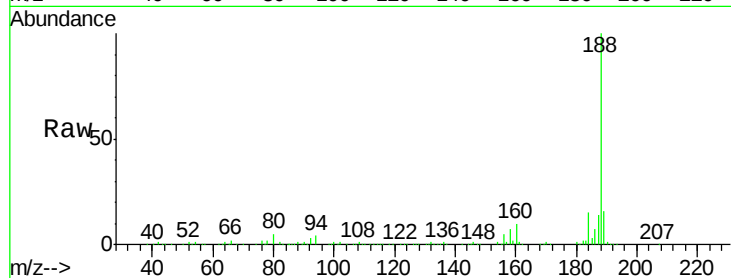




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.12 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

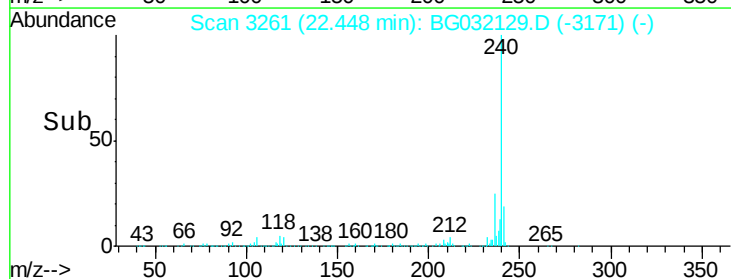
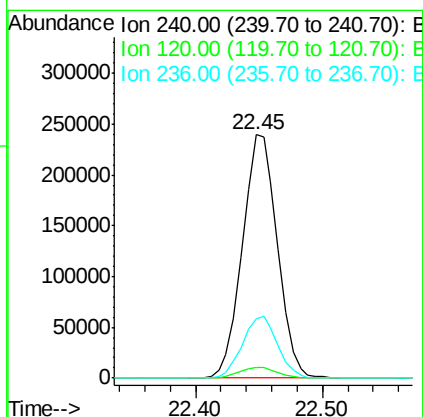
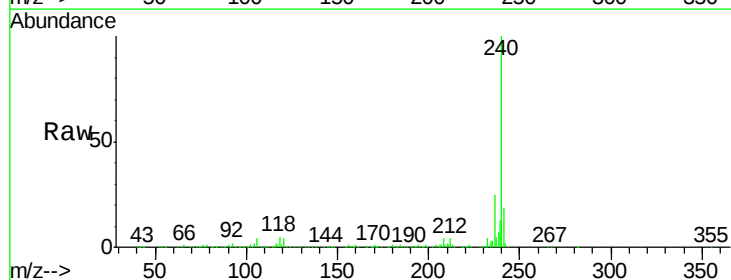
Instrument :
BNA_G
ClientSampleId :
OWS-5

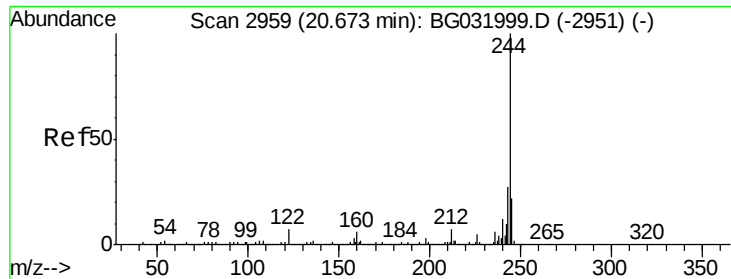
Tgt Ion:188 Resp: 364097
Ion Ratio Lower Upper
188 100
94 4.1 6.9 10.3#
80 4.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

Tgt Ion:240 Resp: 458739
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 102.461 ng

RT: 20.66 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

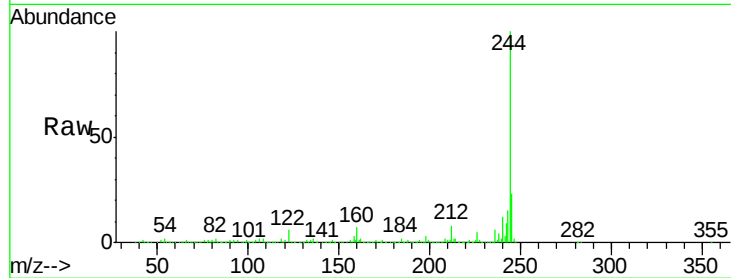
Tgt Ion:244 Resp: 2128711

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

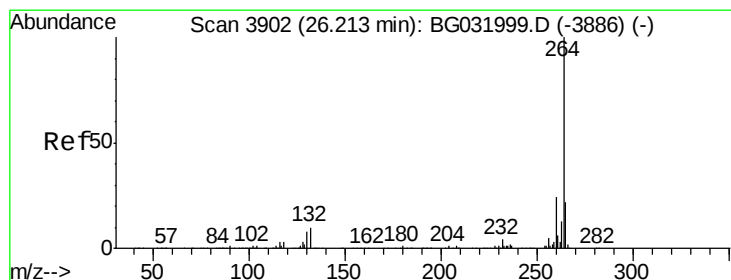
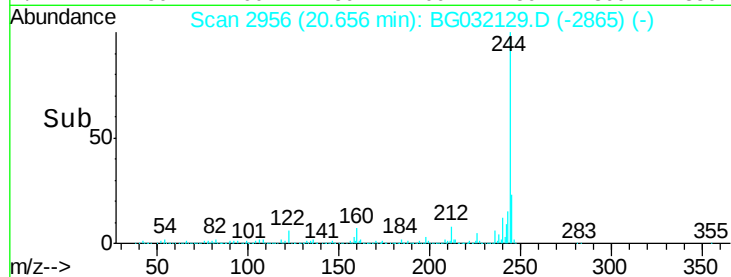
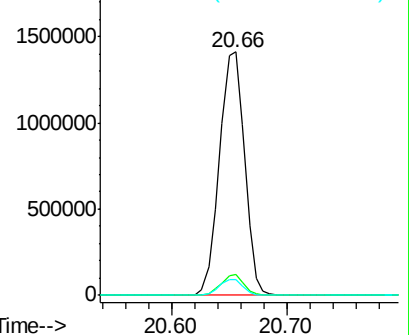
122 6.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

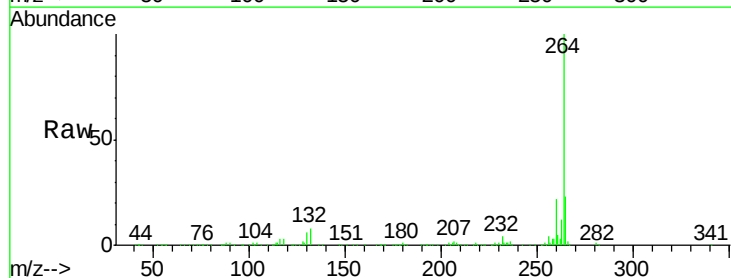
Tgt Ion:264 Resp: 477522

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 22.8 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

