

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033347.D
 Acq On : 27 Mar 2018 2:10
 Operator : SJ/JU
 Sample : J1748-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-032218-B

Quant Time: Mar 27 08:31:24 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

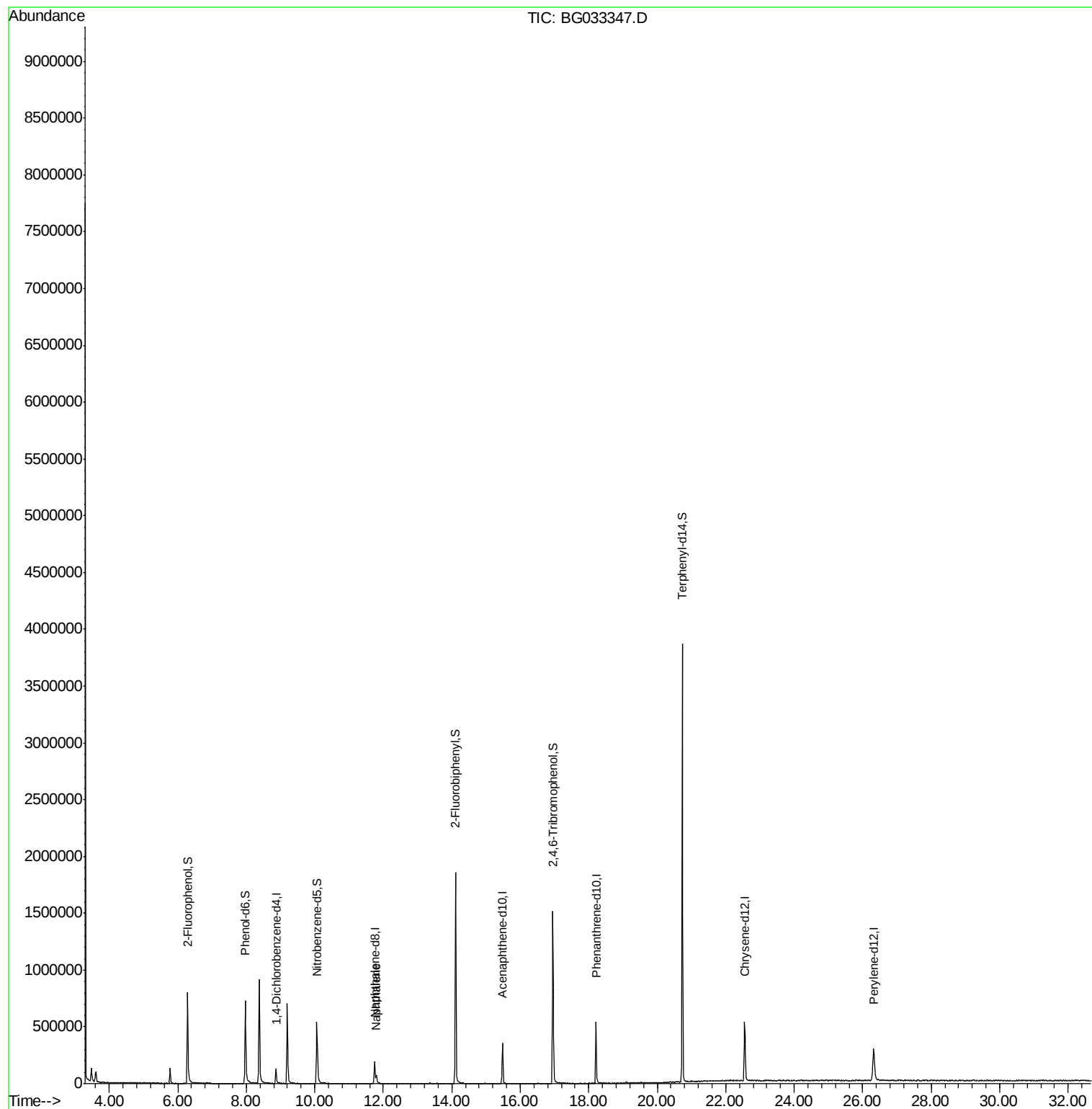
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	46044	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	187328	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	143576	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	382410	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	395444	20.00	ng	-0.04
86) Perylene-d12	26.32	264	428308	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	403228	164.21	ng	-0.02
7) Phenol-d6	7.97	99	534862	126.77	ng	-0.03
23) Nitrobenzene-d5	10.07	82	436182	106.98	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	321429	149.69	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	1031193	103.68	ng	-0.03
78) Terphenyl-d14	20.73	244	1893414	102.40	ng	-0.03
Target Compounds						
31) Naphthalene	11.80	128	64567	6.651	ng	Qvalue 97

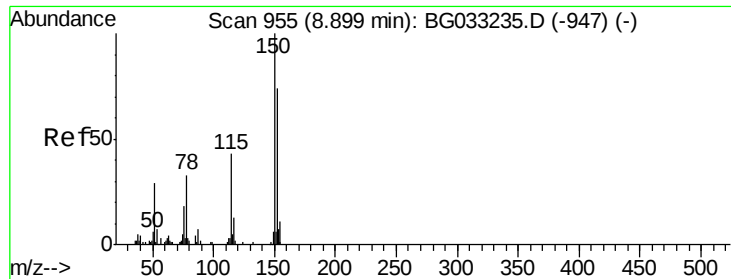
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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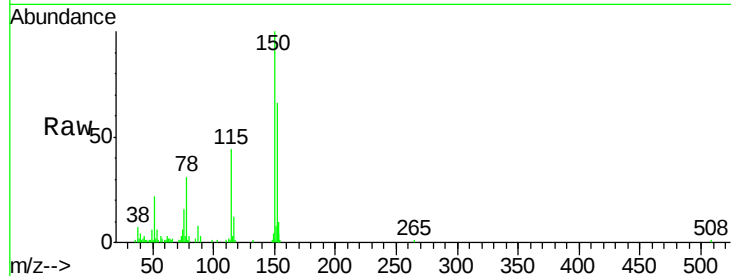


#1

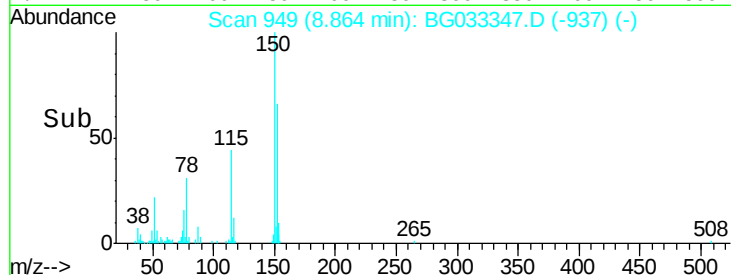
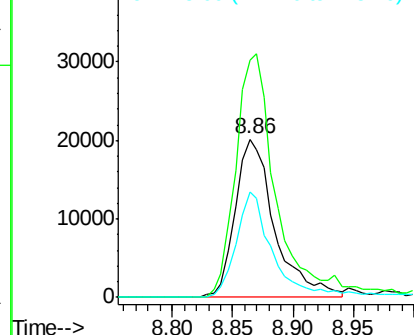
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033347.D
Acq: 27 Mar 2018 2:10

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-B

Tgt Ion:152 Resp: 46044
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 67.0 53.0 79.4



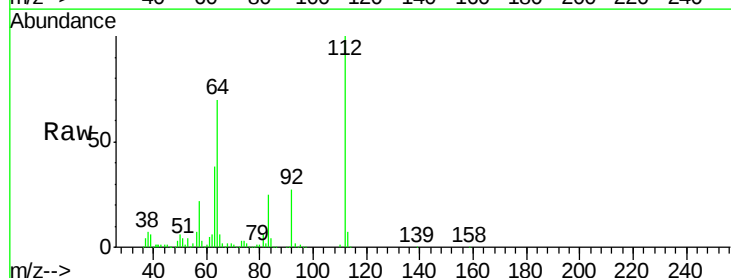
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



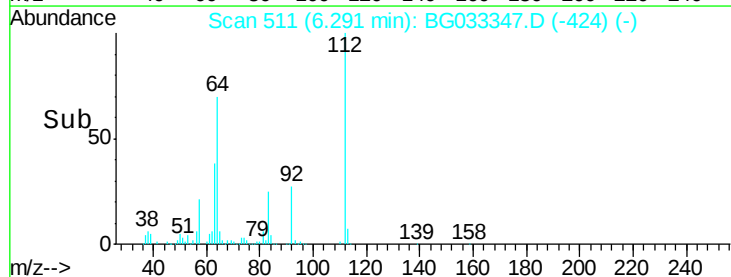
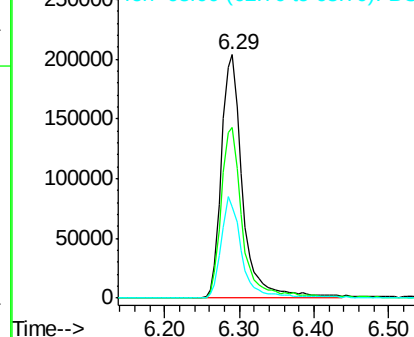
#5

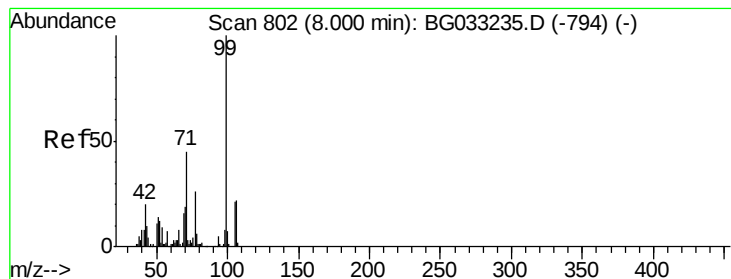
2-Fluorophenol
Concen: 164.213 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033347.D
Acq: 27 Mar 2018 2:10

Tgt Ion:112 Resp: 403228
Ion Ratio Lower Upper
112 100
64 69.9 56.3 84.5
63 37.7 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: 126.772 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

Instrument :

BNA_G

ClientSampleId :

AU-05-032218-B

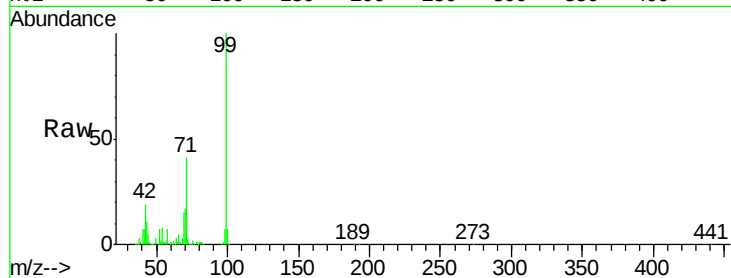
Tgt Ion: 99 Resp: 534862

Ion Ratio Lower Upper

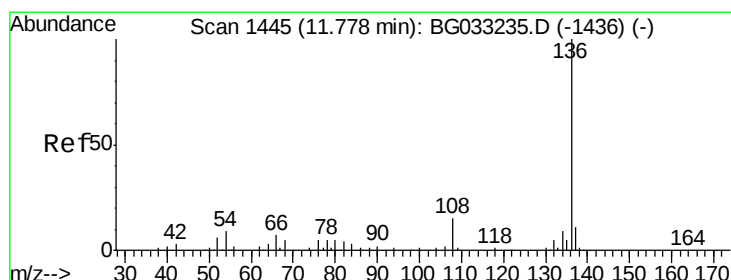
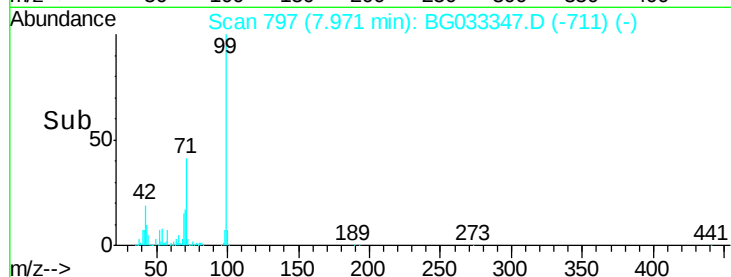
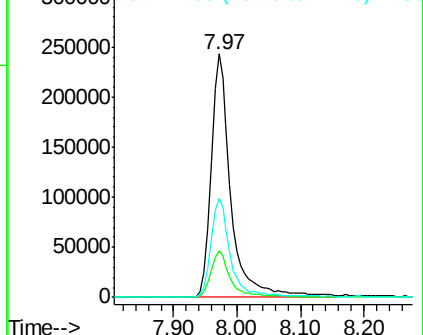
99 100

42 18.9 14.1 21.1

71 40.5 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

Tgt Ion: 136 Resp: 187328

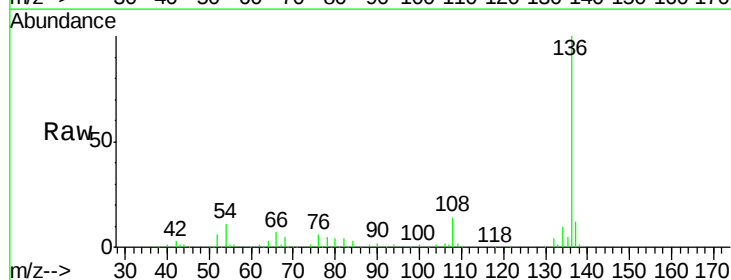
Ion Ratio Lower Upper

136 100

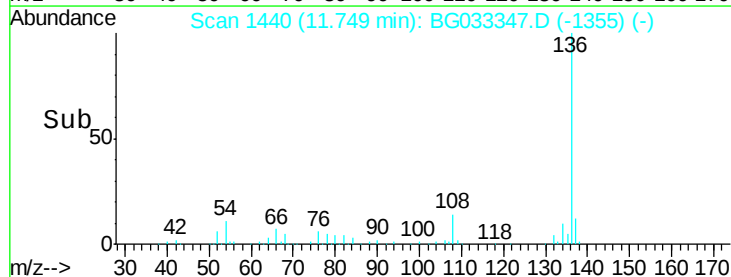
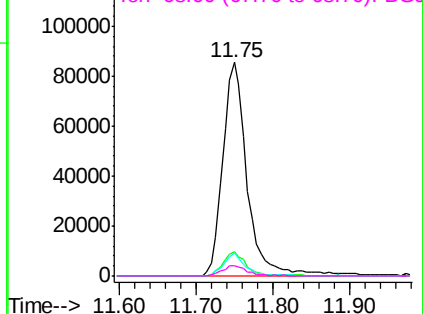
137 11.5 9.2 13.8

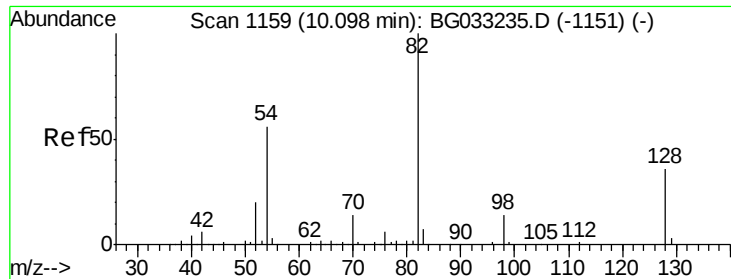
54 10.8 10.3 15.5

68 5.3 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: 106.978 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

Instrument :

BNA_G

ClientSampleId :

AU-05-032218-B

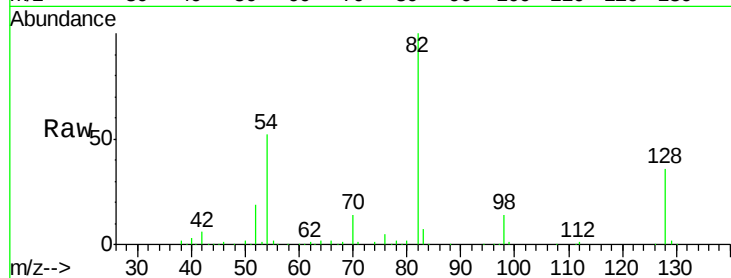
Tgt Ion: 82 Resp: 436182

Ion Ratio Lower Upper

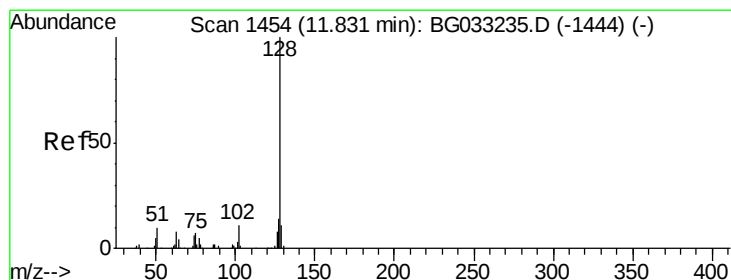
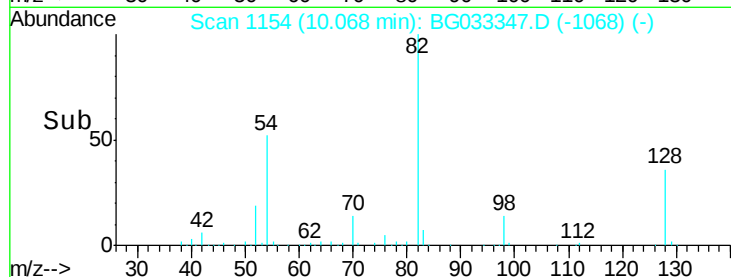
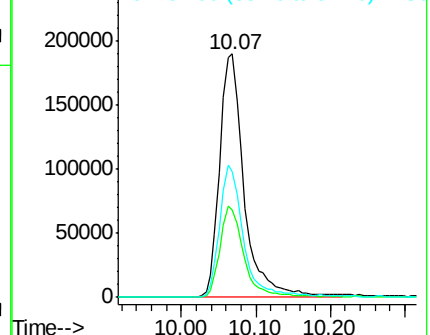
82 100

128 35.8 29.7 44.5

54 51.6 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: 6.651 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

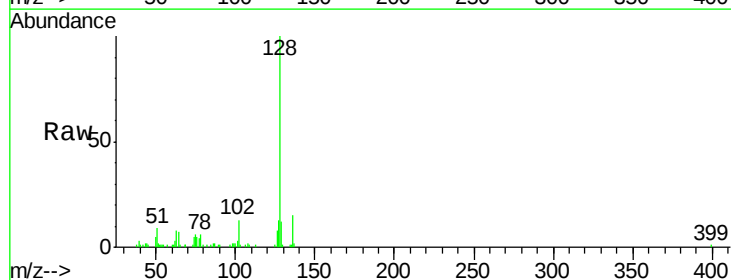
Tgt Ion: 128 Resp: 64567

Ion Ratio Lower Upper

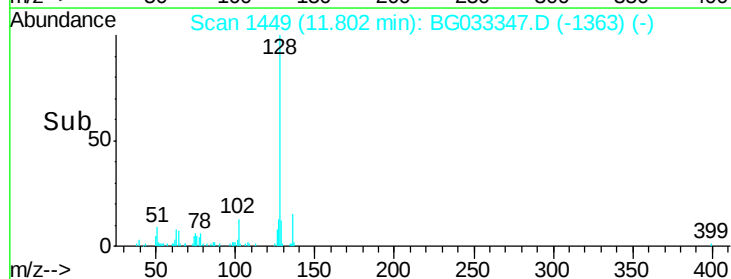
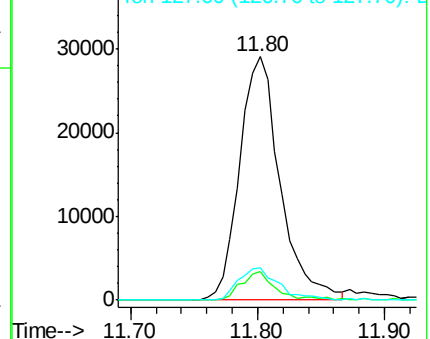
128 100

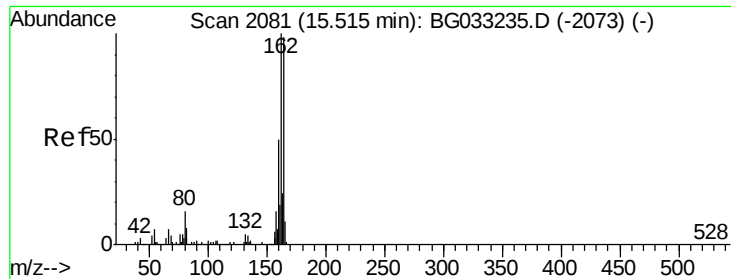
129 11.8 8.6 12.8

127 13.2 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: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

Instrument :

BNA_G

ClientSampleId :

AU-05-032218-B

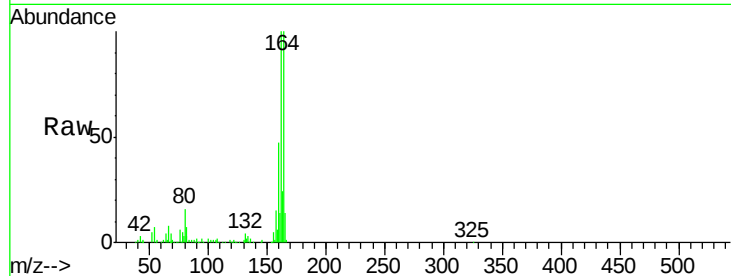
Tgt Ion:164 Resp: 143576

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

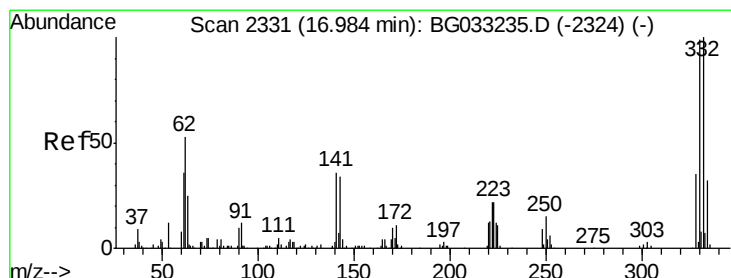
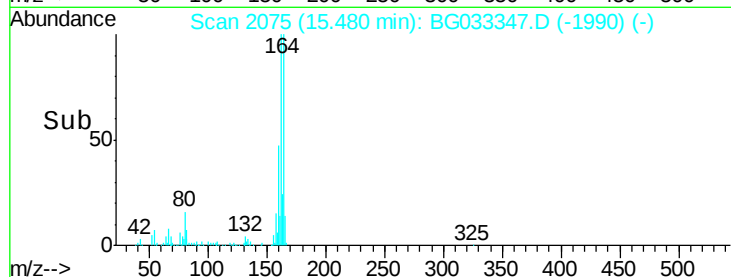
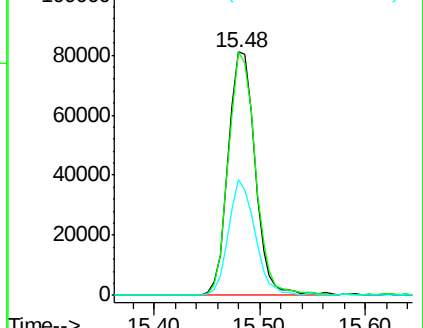
160 47.4 35.4 53.0



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: 149.687 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033347.D

Acq: 27 Mar 2018 2:10

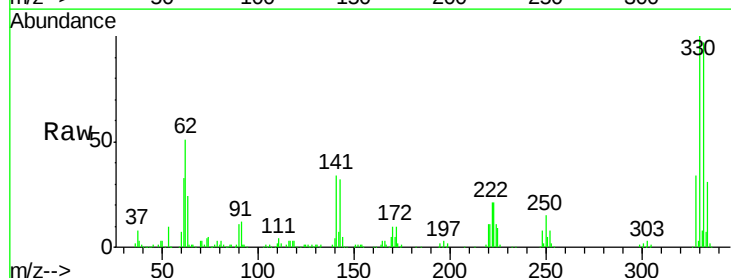
Tgt Ion:330 Resp: 321429

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

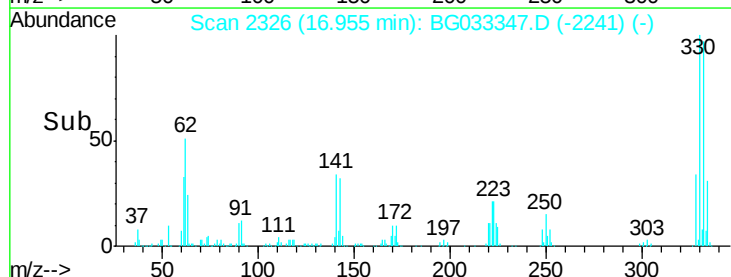
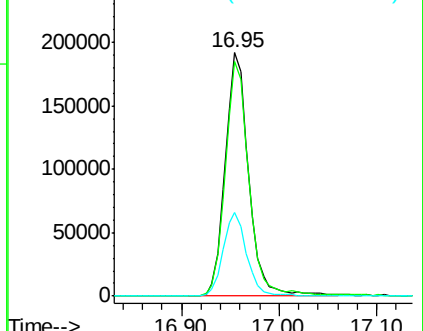
141 34.1 25.2 37.8

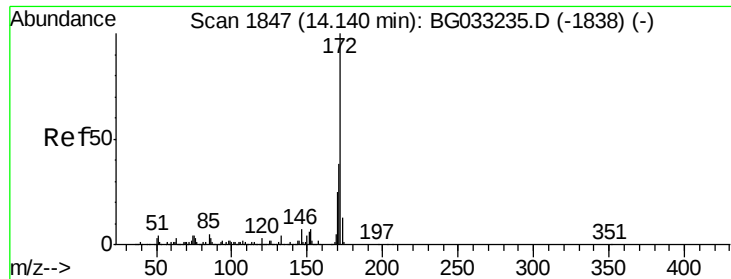


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

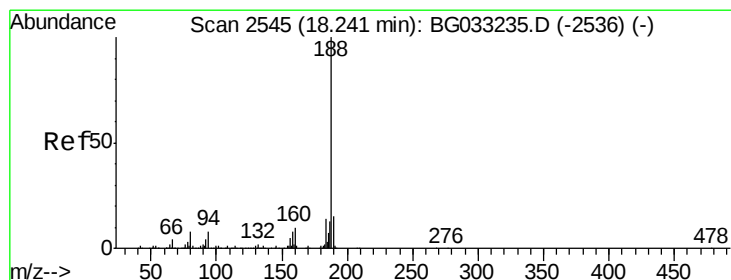
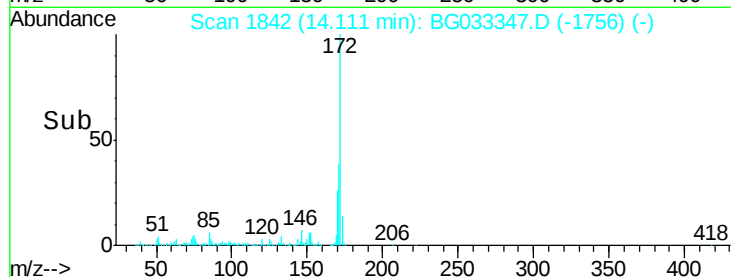
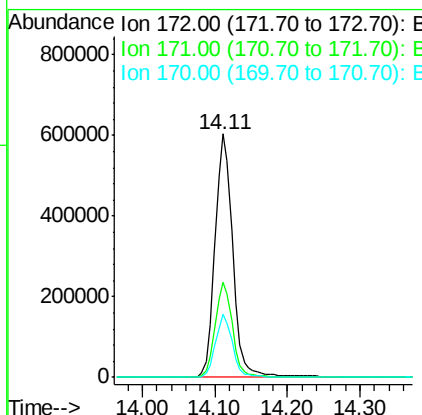
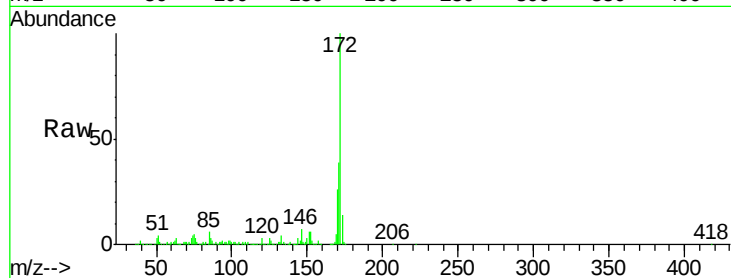




#44
 2-Fluorobiphenyl
 Concen: 103.685 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033347.D
 Acq: 27 Mar 2018 2:10

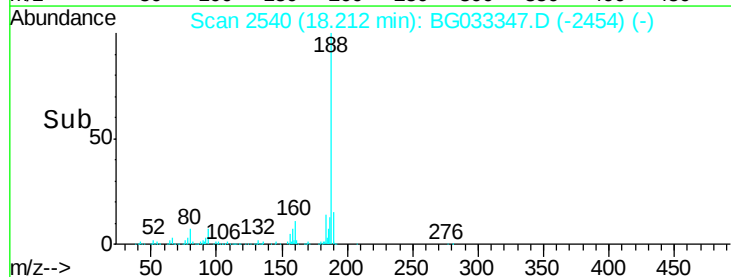
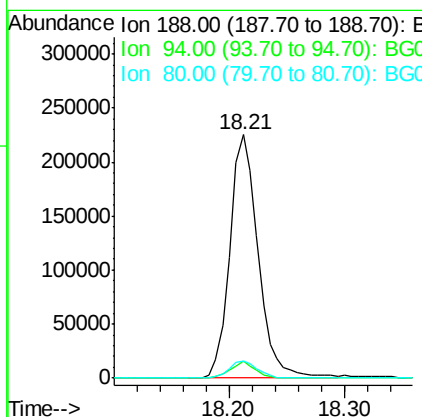
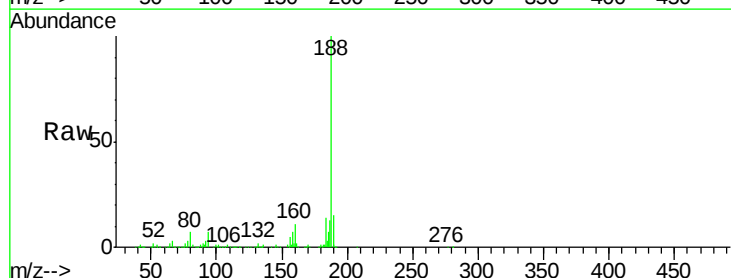
Instrument :
 BNA_G
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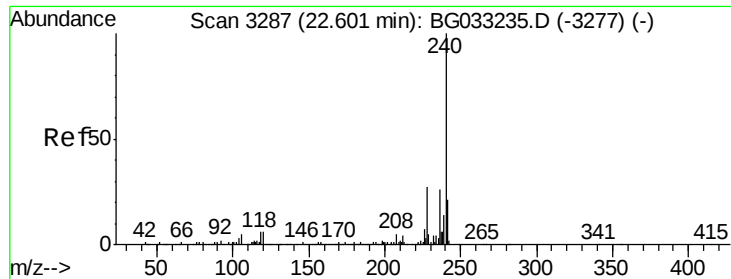
Tgt Ion:172 Resp: 1031193
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG033347.D
 Acq: 27 Mar 2018 2:10

Tgt Ion:188 Resp: 382410
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.3 7.7 11.5#

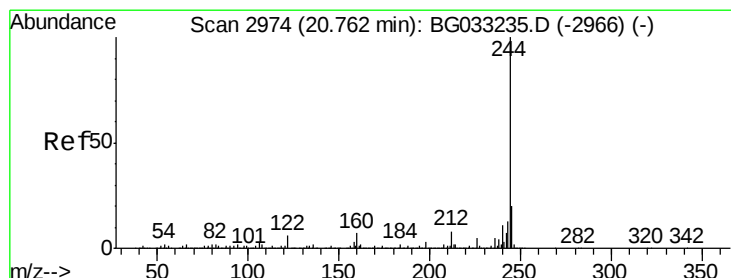
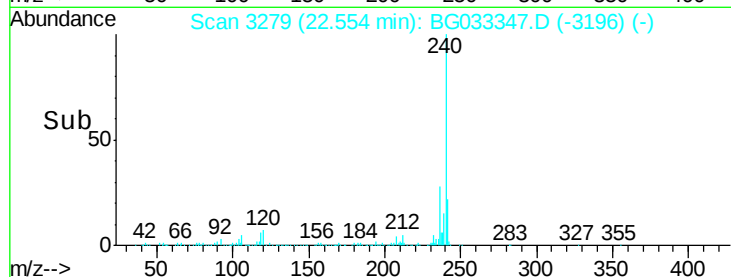
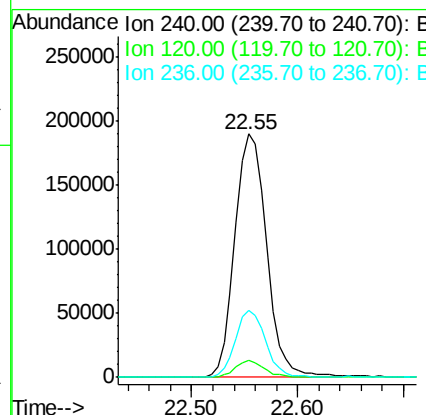
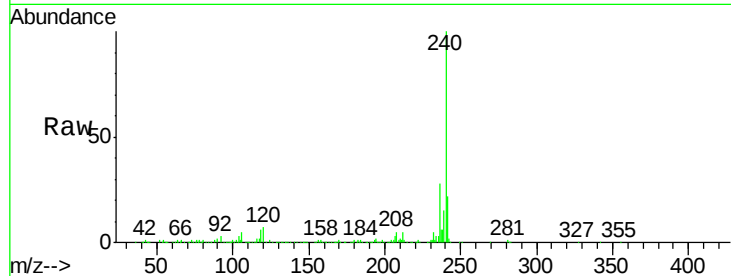




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.04 min
 Lab File: BG033347.D
 Acq: 27 Mar 2018 2:10

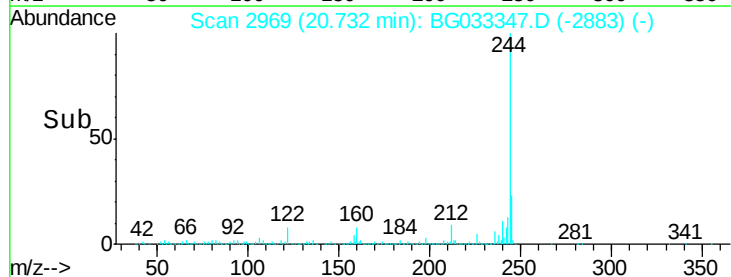
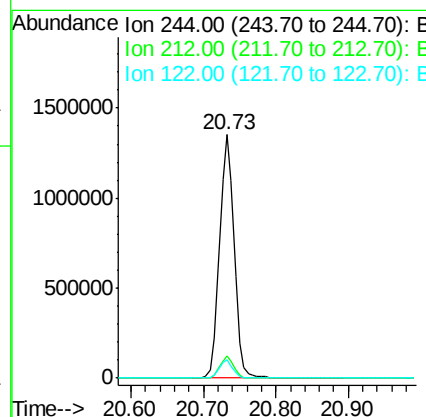
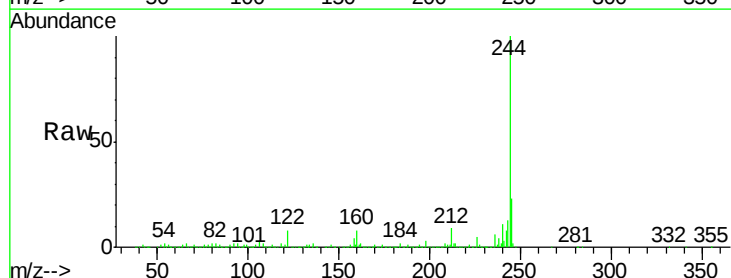
Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:240 Resp: 395444
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.8 10.2
 236 27.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 102.398 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.03 min
 Lab File: BG033347.D
 Acq: 27 Mar 2018 2:10

Tgt Ion:244 Resp: 1893414
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.7 7.0 10.4

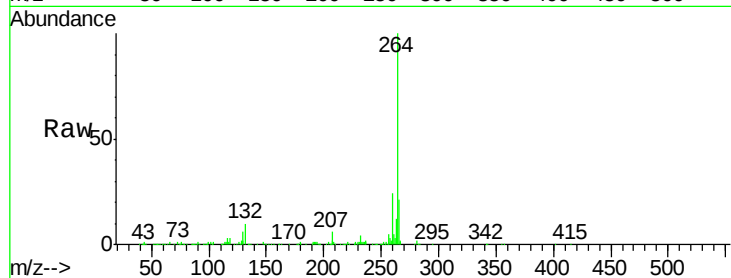




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033347.D
Acq: 27 Mar 2018 2:10

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.0	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

