

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033429.D
 Acq On : 29 Mar 2018 20:50
 Operator : SJ/JU
 Sample : J1756-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-032718-A

Quant Time: Mar 30 07:59:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

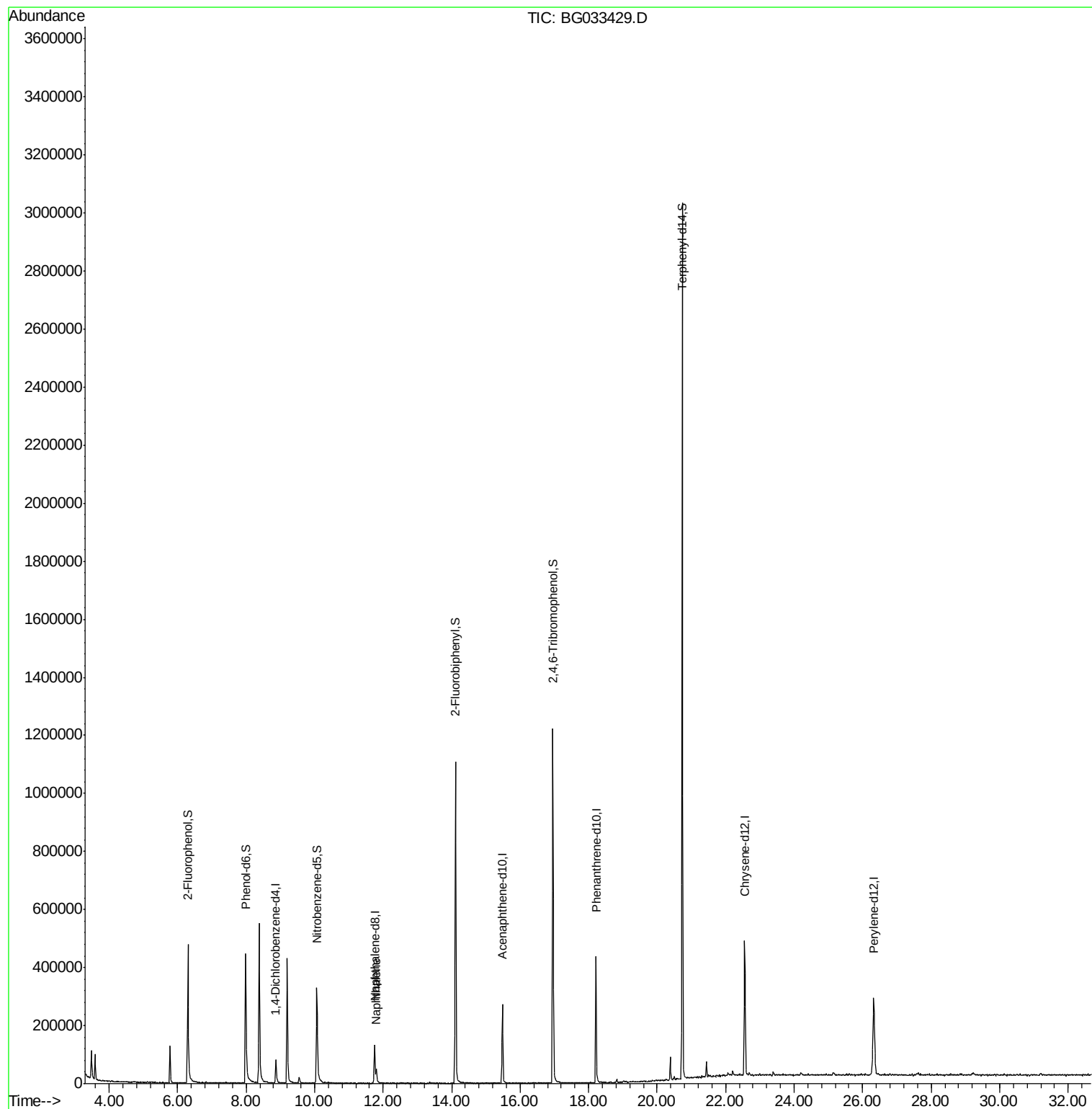
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30193	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	126699	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	100804	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310108	20.00	ng	0.00
75) Chrysene-d12	22.56	240	347497	20.00	ng	0.00
86) Perylene-d12	26.33	264	364414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	240817	149.56	ng	0.00
7) Phenol-d6	7.98	99	336012	121.45	ng	0.00
23) Nitrobenzene-d5	10.07	82	263083	95.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	247430	164.12	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	645742	92.48	ng	0.00
78) Terphenyl-d14	20.74	244	1534275	94.42	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	43043	6.556	ng	Qvalue 96

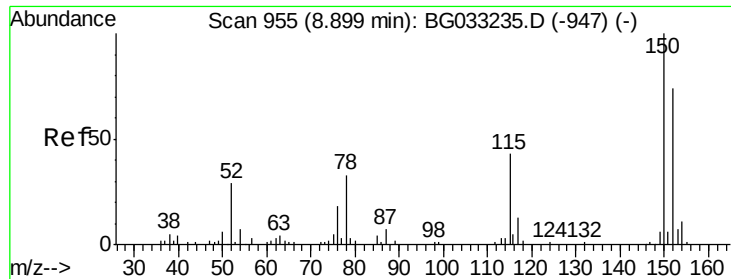
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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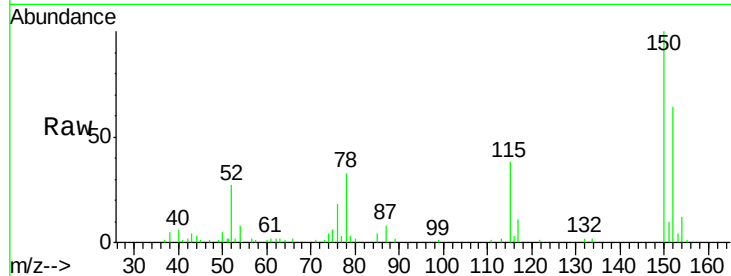


#1

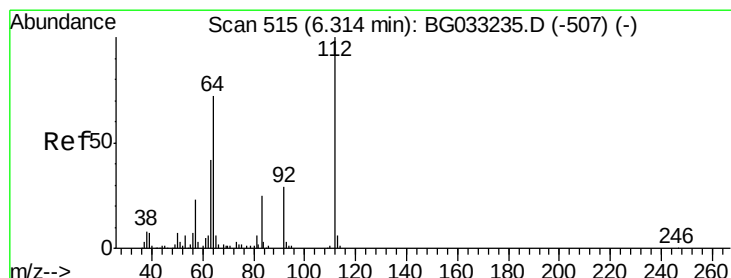
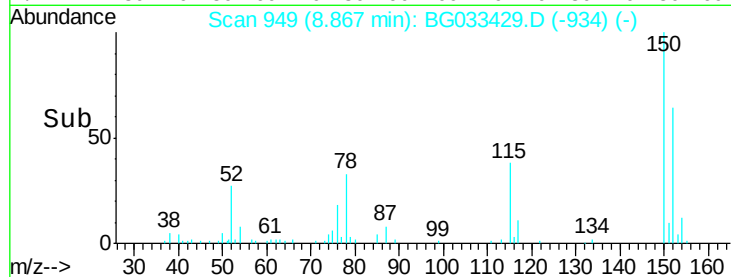
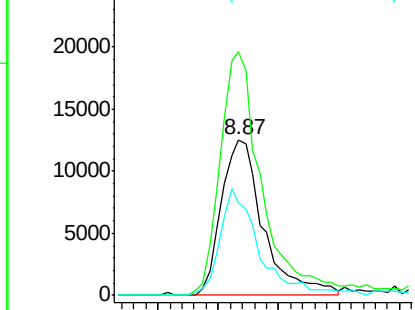
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033429.D
Acq: 29 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :
OR-01-032718-A

Tot Ion:152 Resp: 30193
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 59.6 53.0 79.4



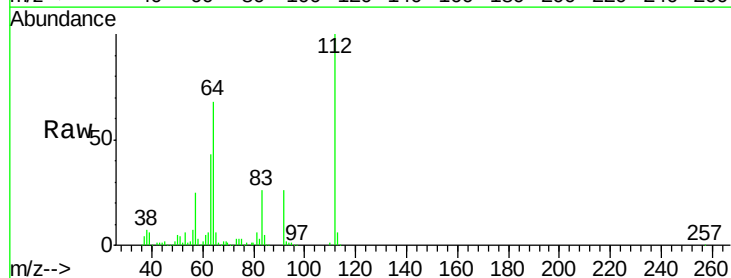
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



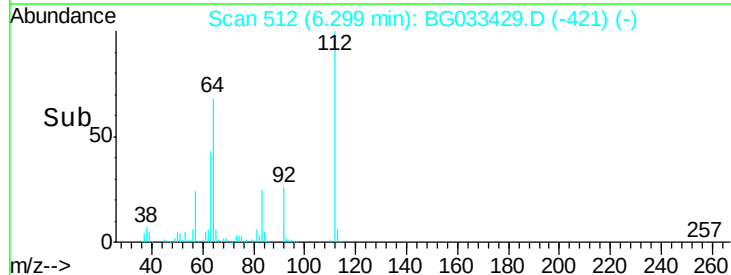
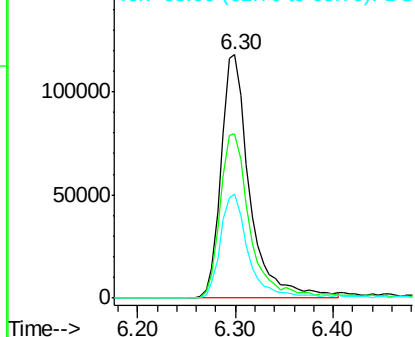
#5

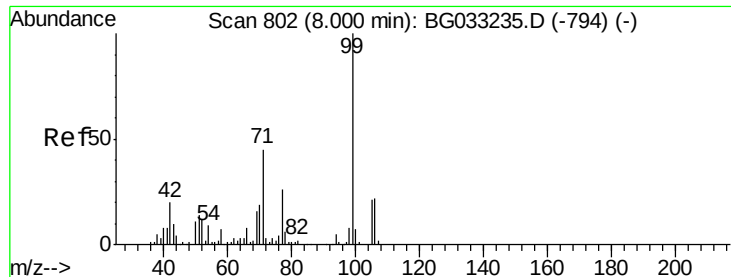
2-Fluorophenol
Concen: 149.558 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033429.D
Acq: 29 Mar 2018 20:50

Tgt Ion:112 Resp: 240817
Ion Ratio Lower Upper
112 100
64 67.7 56.3 84.5
63 42.5 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: 121.451 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

OR-01-032718-A

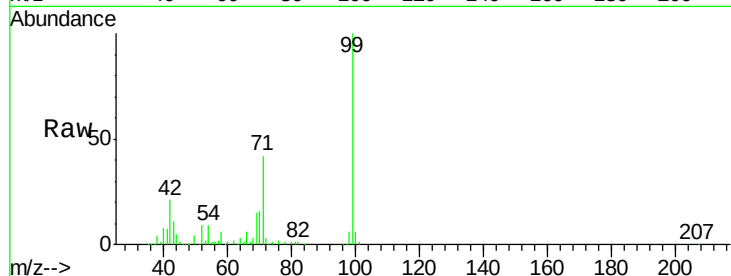
Tot Ion: 99 Resp: 336012

Ion Ratio Lower Upper

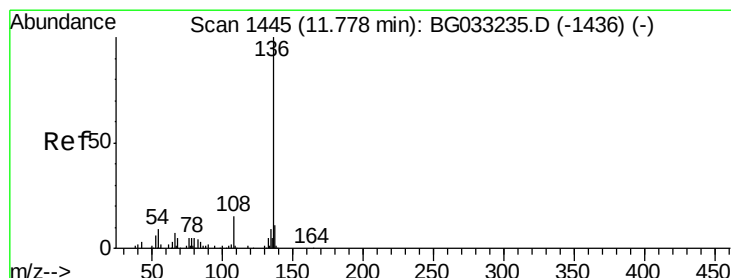
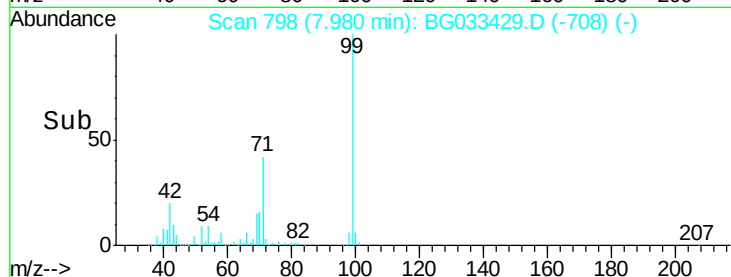
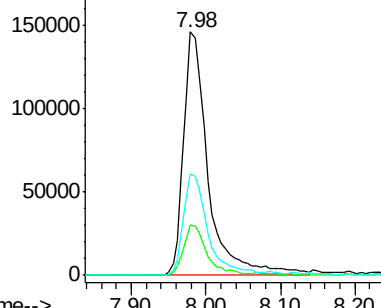
99 100

42 20.6 14.1 21.1

71 41.5 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. -0.01 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

Tgt Ion: 136 Resp: 126699

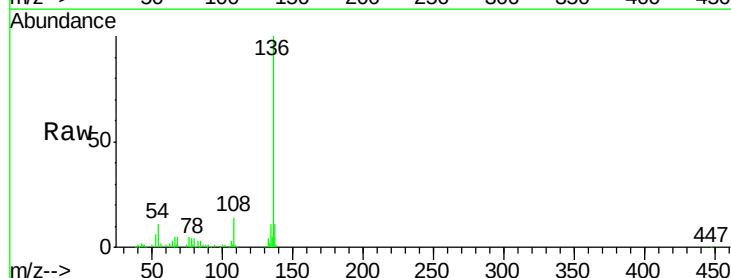
Ion Ratio Lower Upper

136 100

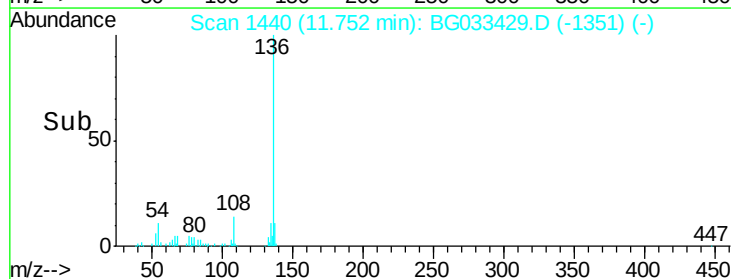
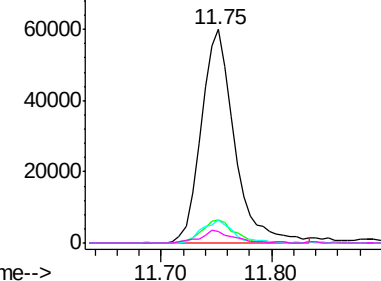
137 10.6 9.2 13.8

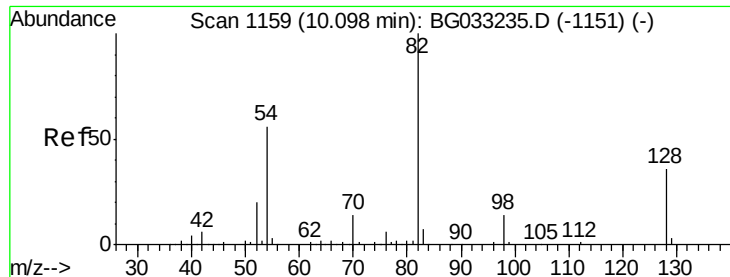
54 11.1 10.3 15.5

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: 95.400 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

OR-01-032718-A

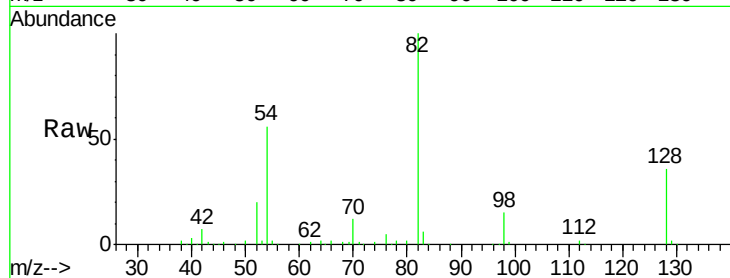
Tot Ion: 82 Resp: 263083

Ion Ratio Lower Upper

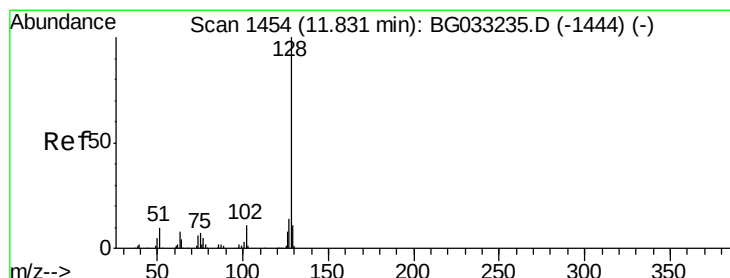
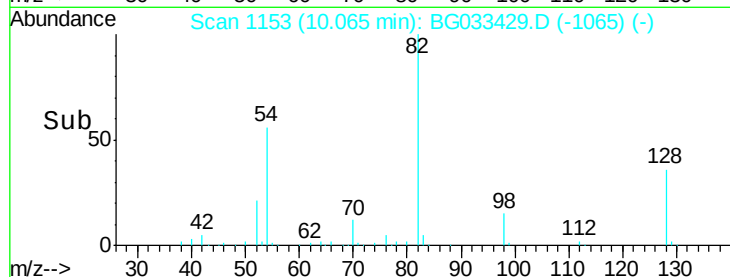
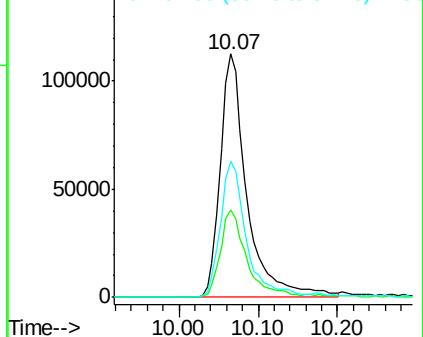
82 100

128 36.0 29.7 44.5

54 56.1 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: 6.556 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

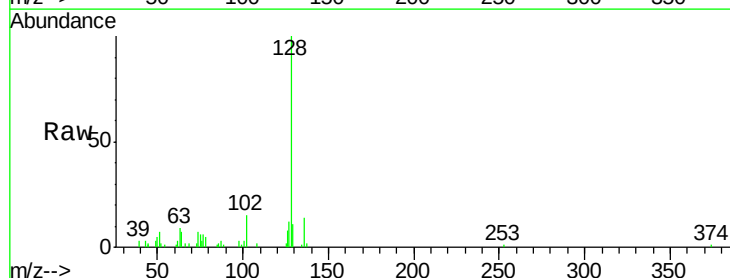
Tgt Ion: 128 Resp: 43043

Ion Ratio Lower Upper

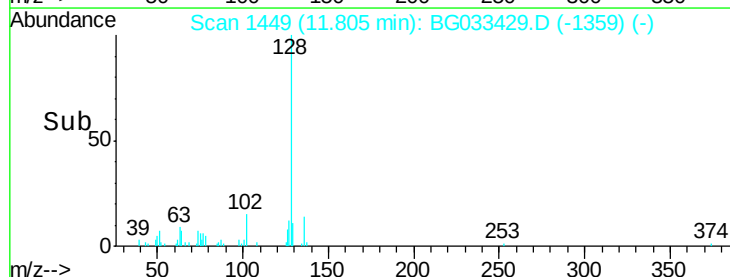
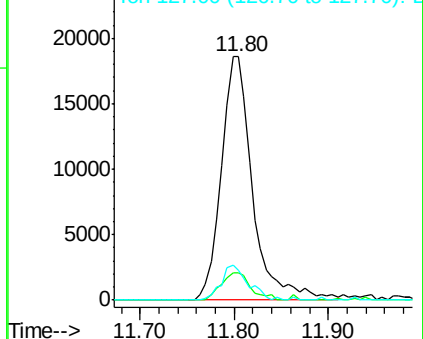
128 100

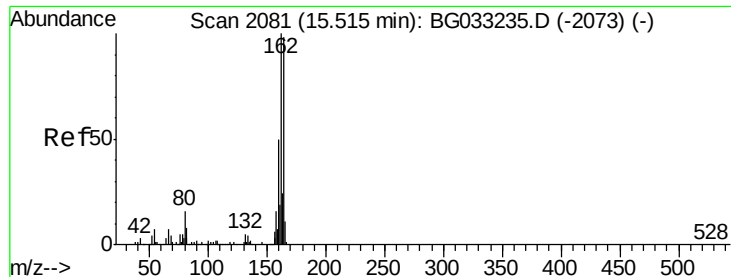
129 11.5 8.6 12.8

127 12.4 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. -0.01 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

OR-01-032718-A

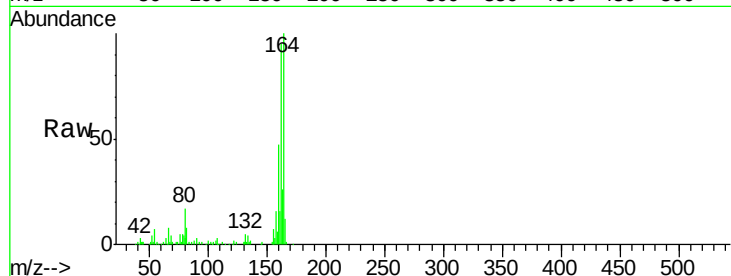
Tot Ion:164 Resp: 100804

Ion Ratio Lower Upper

164 100

162 95.3 78.8 118.2

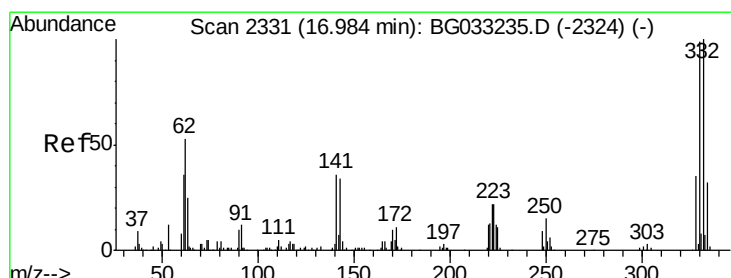
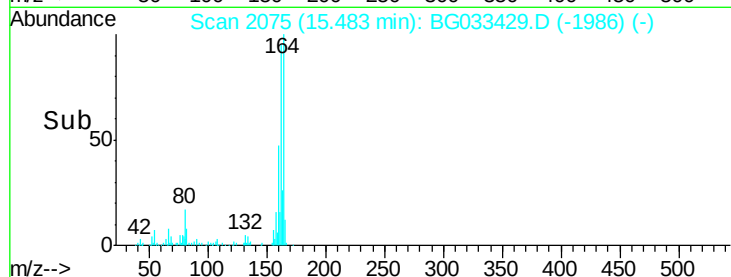
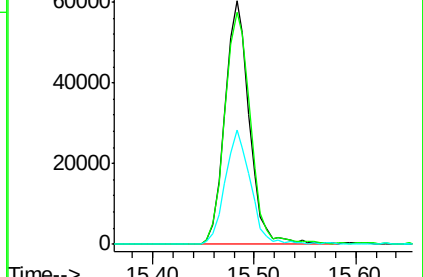
160 46.9 35.4 53.0



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: 164.117 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

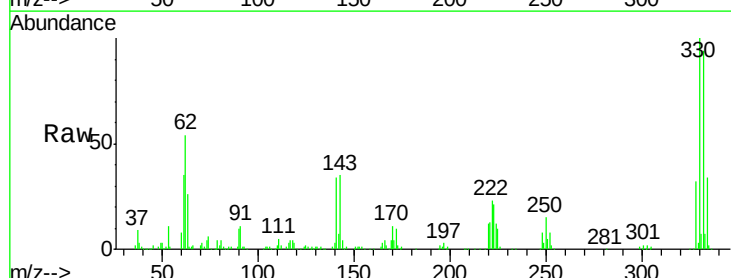
Tgt Ion:330 Resp: 247430

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

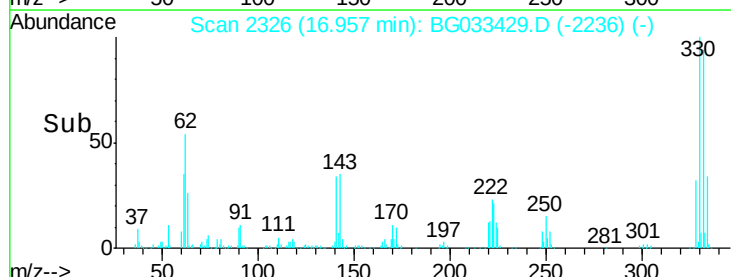
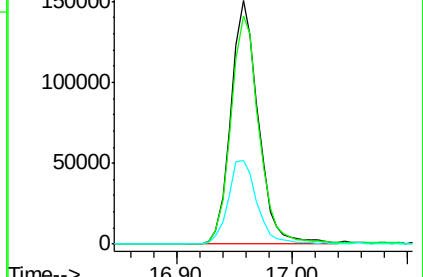
141 36.3 25.2 37.8

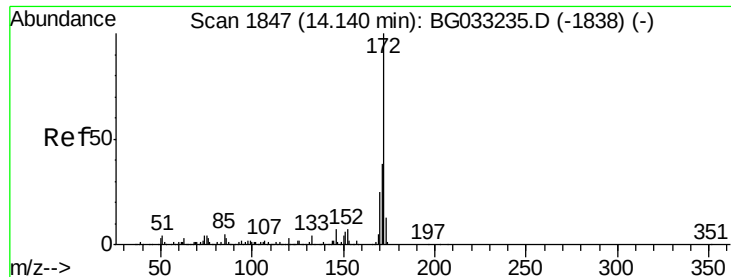


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

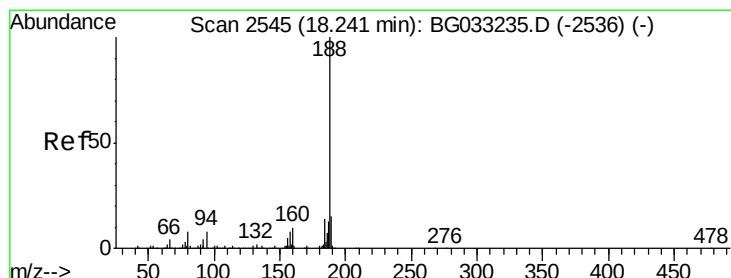
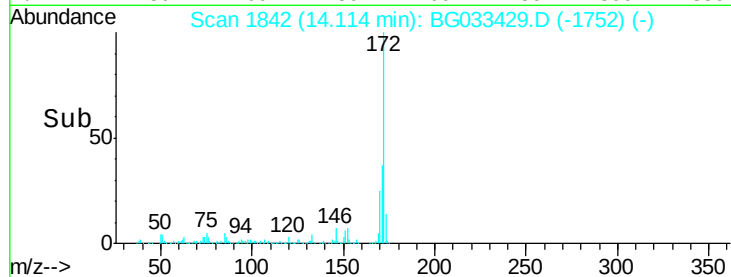
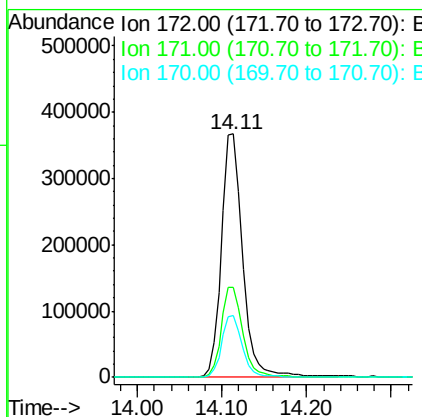
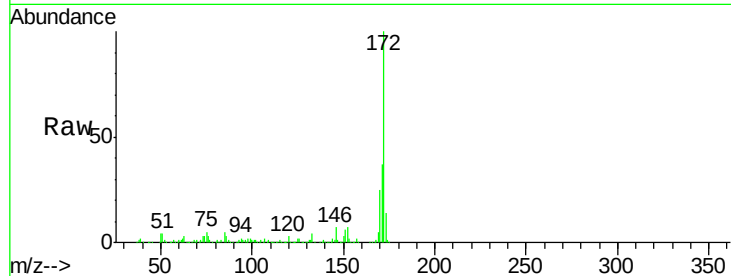




#44
 2-Fluorobiphenyl
 Concen: 92.478 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033429.D
 Acq: 29 Mar 2018 20:50

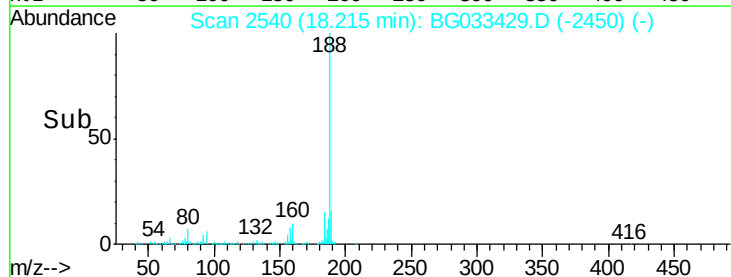
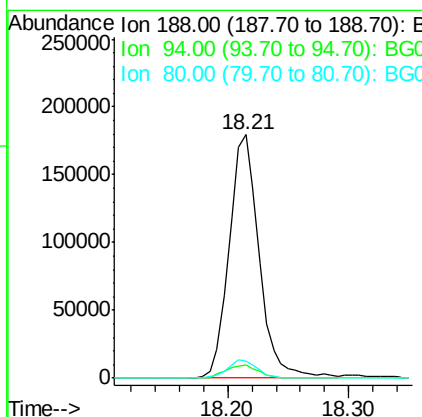
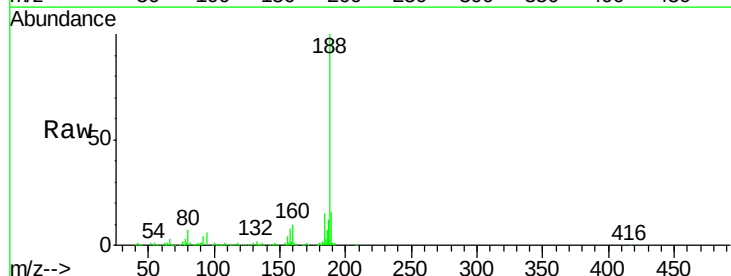
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-032718-A

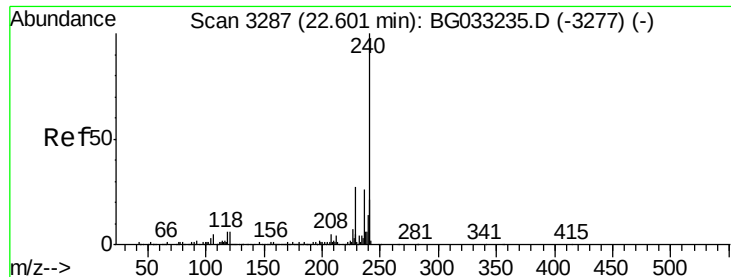
Tot Ion:172 Resp: 645742
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 25.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033429.D
 Acq: 29 Mar 2018 20:50

Tgt Ion:188 Resp: 310108
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 6.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

OR-01-032718-A

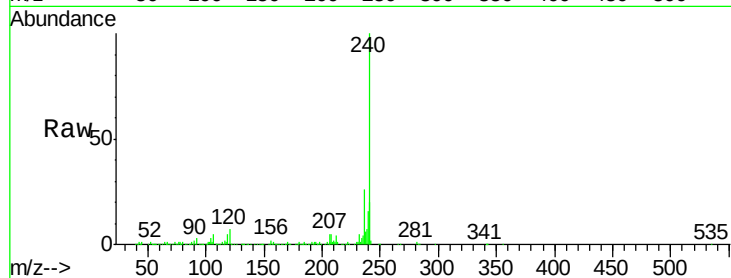
Tot Ion:240 Resp: 347497

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

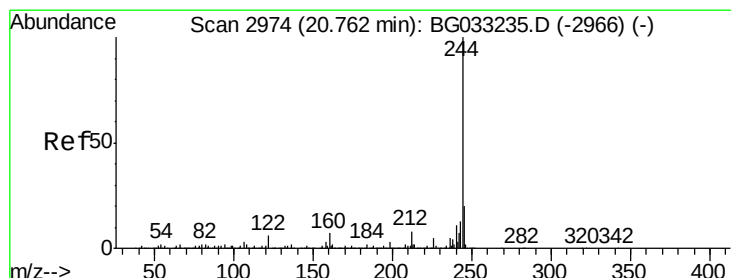
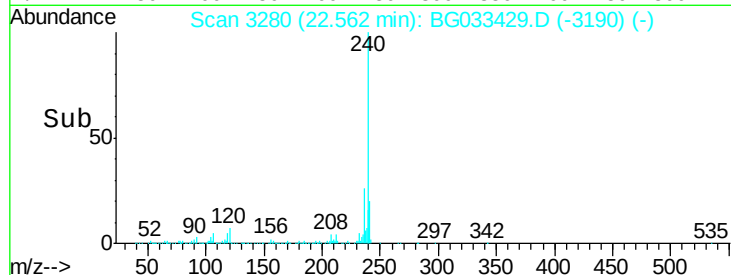
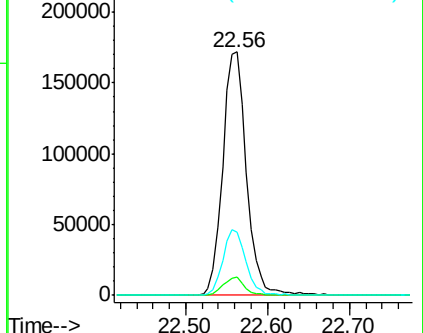
236 25.9 20.9 31.3



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: 94.424 ng

RT: 20.74 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033429.D

Acq: 29 Mar 2018 20:50

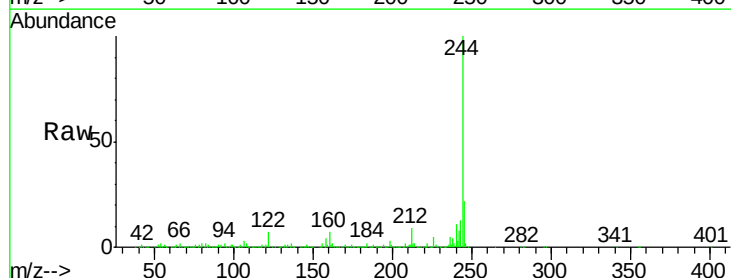
Tgt Ion:244 Resp: 1534275

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

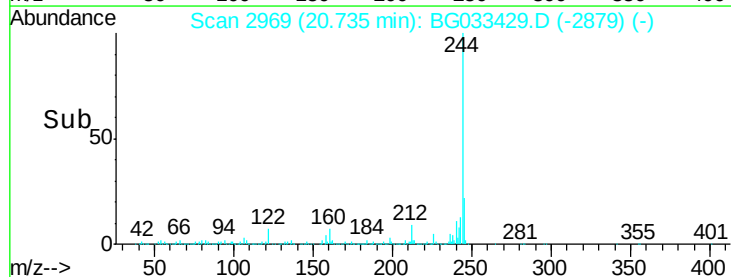
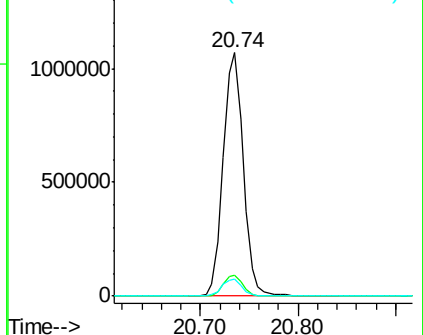
122 6.8 7.0 10.4#

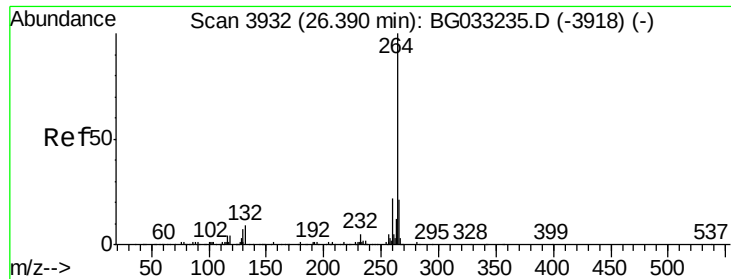


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

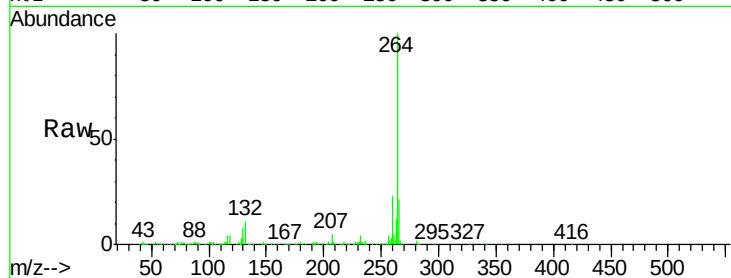




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033429.D
 Acq: 29 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-032718-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.2	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

