

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033575.D
 Acq On : 5 Apr 2018 1:56
 Operator : SJ/JU
 Sample : J2151-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-B

Quant Time: Apr 05 04:07:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28439	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	125590	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	102651	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	291044	20.00	ng	0.00
75) Chrysene-d12	22.56	240	295766	20.00	ng	0.00
86) Perylene-d12	26.32	264	279853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255438	168.42	ng	0.00
7) Phenol-d6	7.97	99	367827	141.15	ng	0.00
23) Nitrobenzene-d5	10.06	82	283476	103.70	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	250451	163.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	718932	101.11	ng	0.00
78) Terphenyl-d14	20.73	244	1517120	109.70	ng	0.00

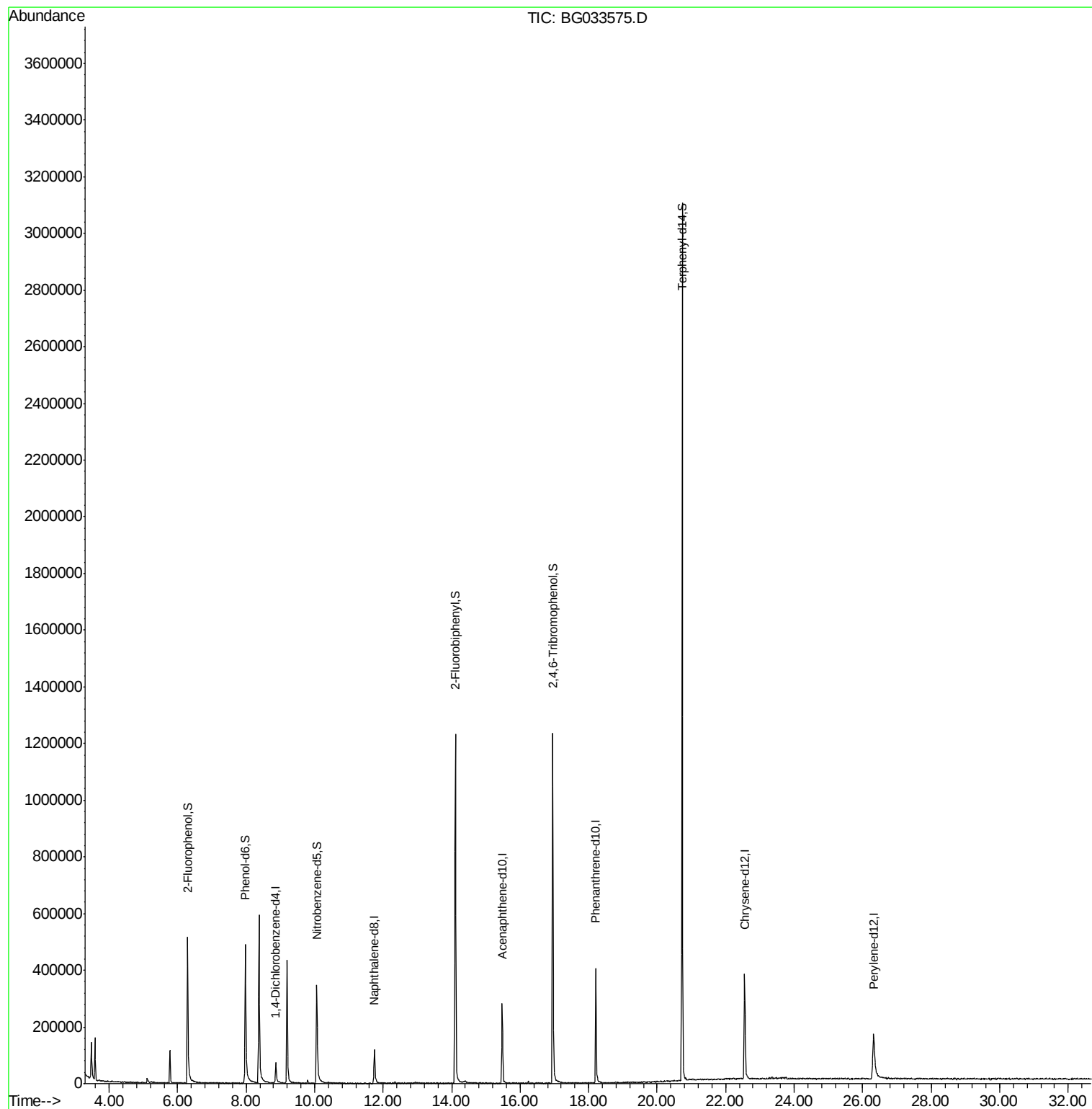
Target Compounds Qvalue

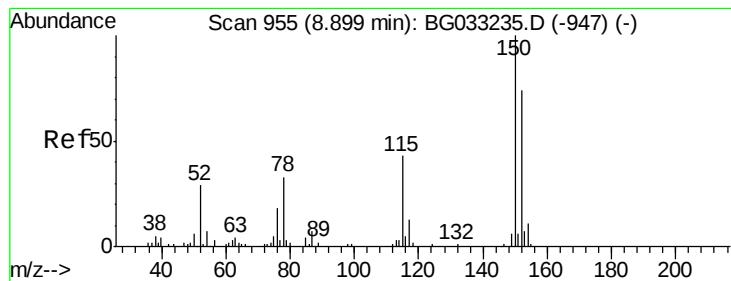
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-B

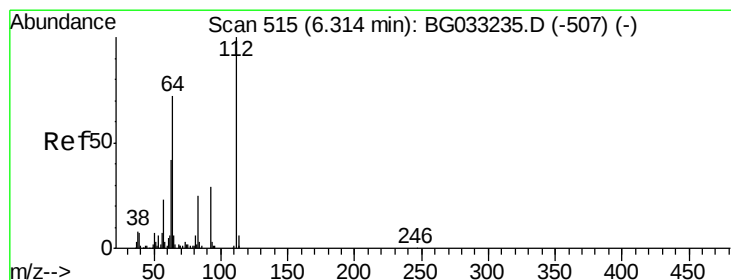
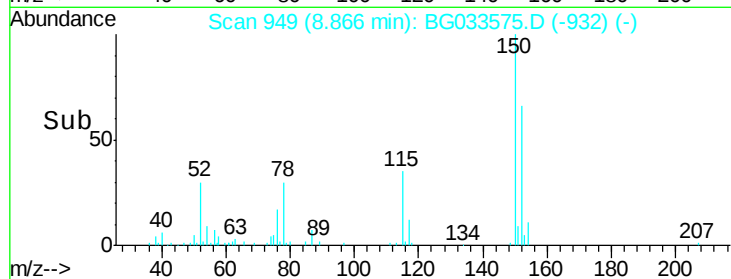
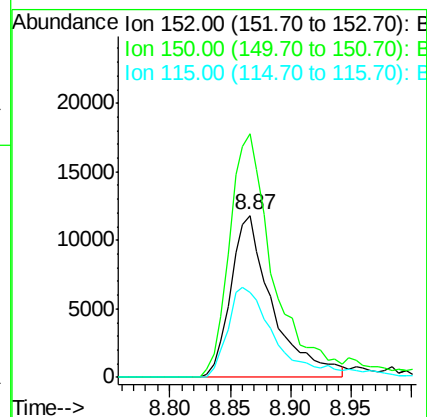
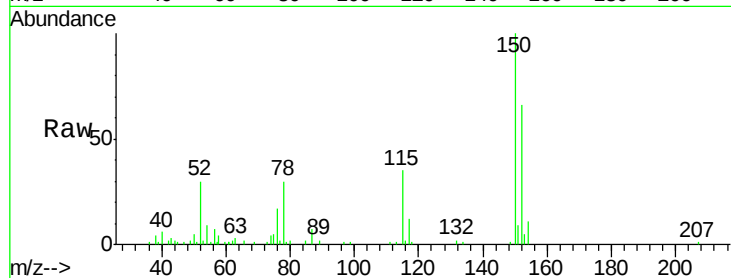
Tot Ion:152 Resp: 28439

Ion Ratio Lower Upper

152 100

150 150.5 126.6 189.8

115 52.7 53.0 79.4#



#5

2-Fluorophenol

Concen: 168.423 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

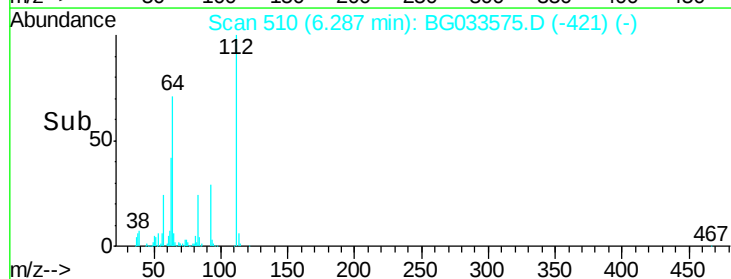
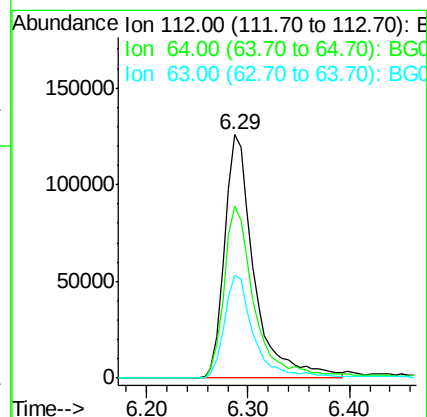
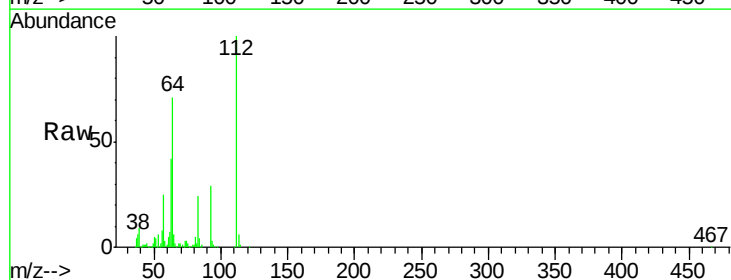
Tgt Ion:112 Resp: 255438

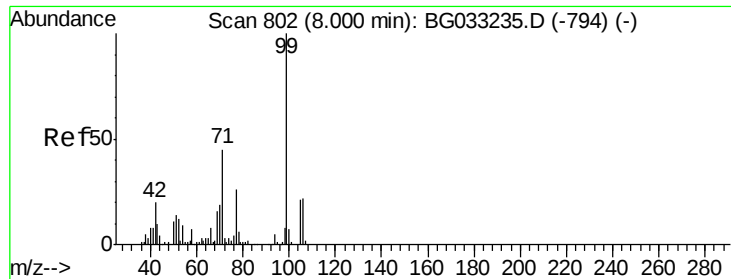
Ion Ratio Lower Upper

112 100

64 70.8 56.3 84.5

63 42.0 30.1 45.1





#7

Phenol-d6

Concen: 141.151 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-B

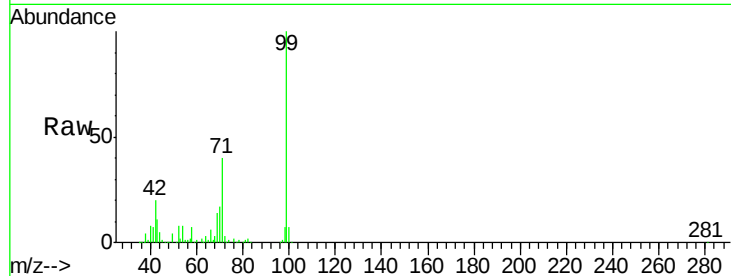
Tot Ion: 99 Resp: 367827

Ion Ratio Lower Upper

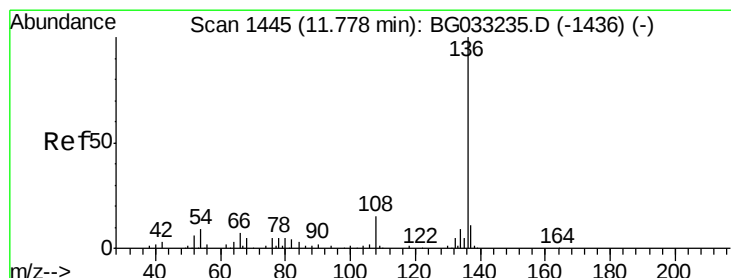
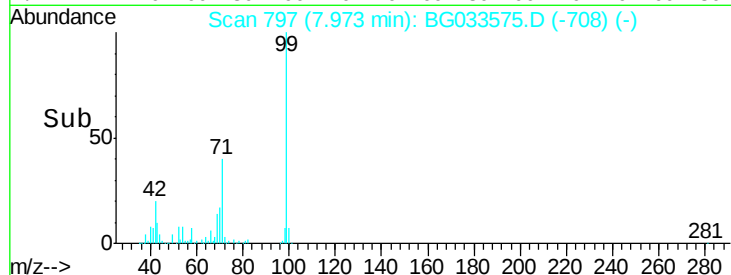
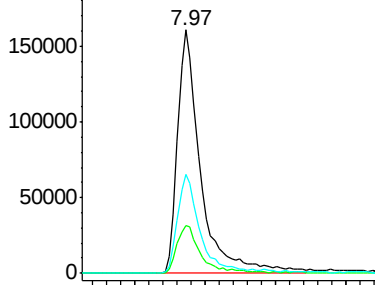
99 100

42 19.7 14.1 21.1

71 40.4 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# 1439

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

Tgt Ion: 136 Resp: 125590

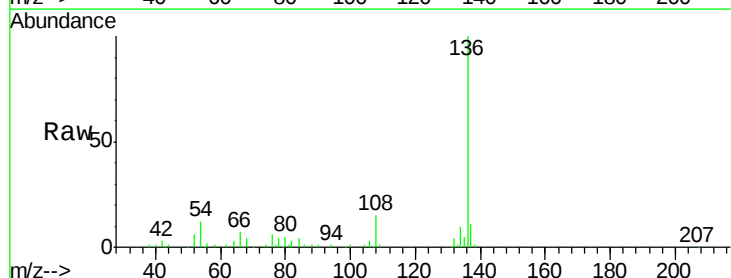
Ion Ratio Lower Upper

136 100

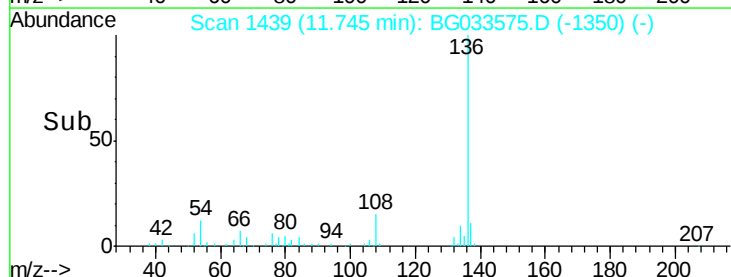
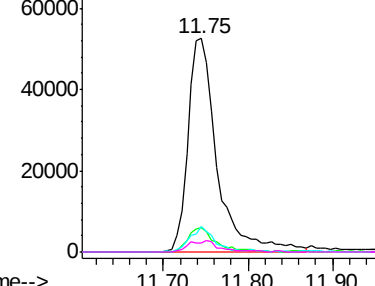
137 11.5 9.2 13.8

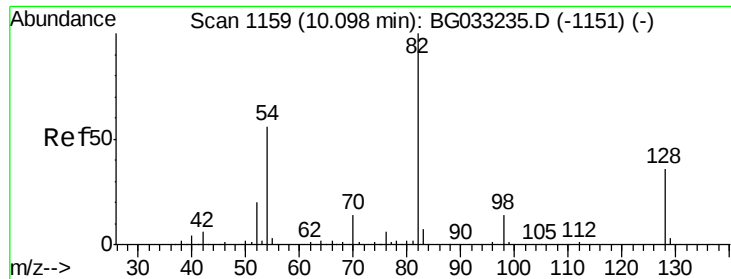
54 12.0 10.3 15.5

68 4.4 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

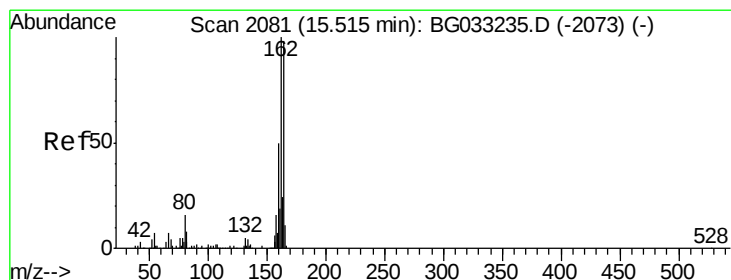
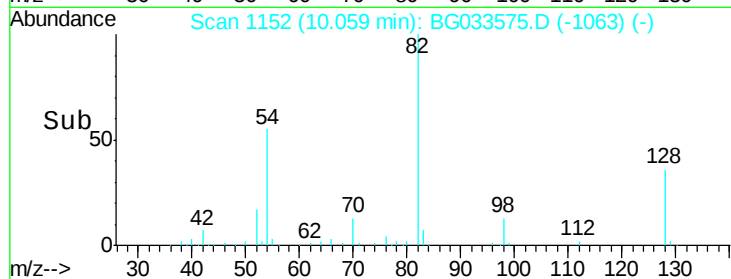
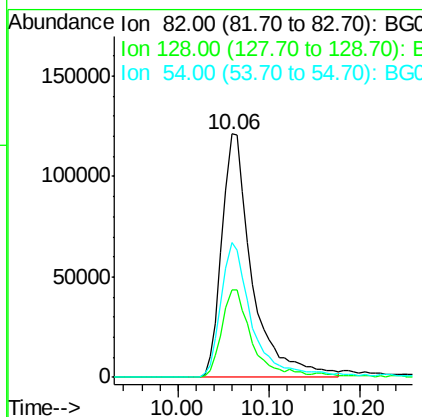
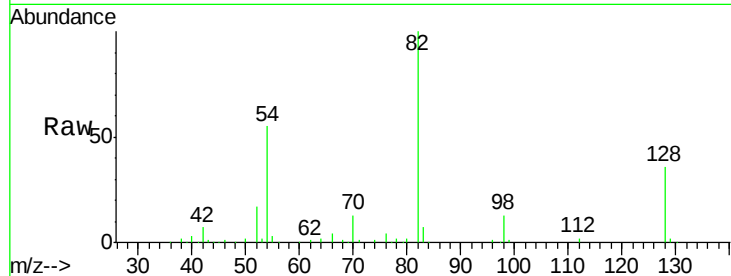




#23
 Nitrobenzene-d5
 Concen: 103.703 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

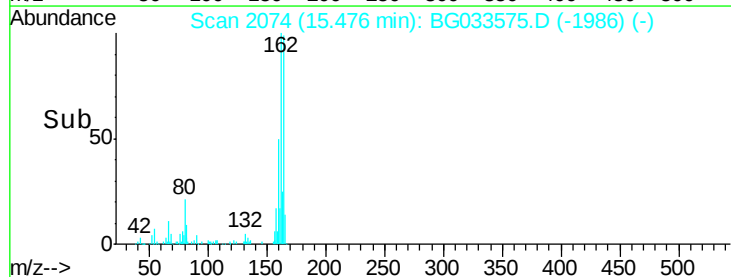
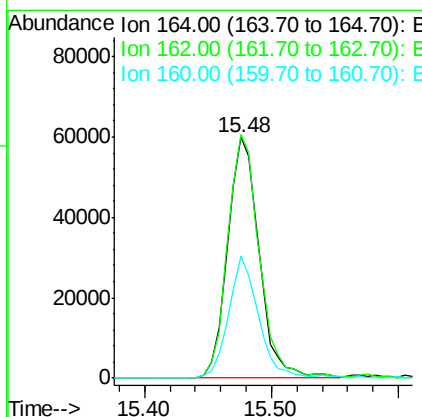
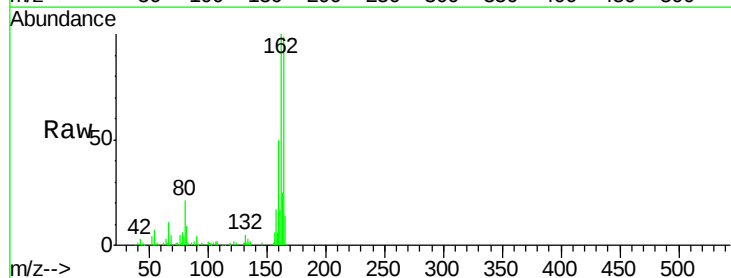
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-B

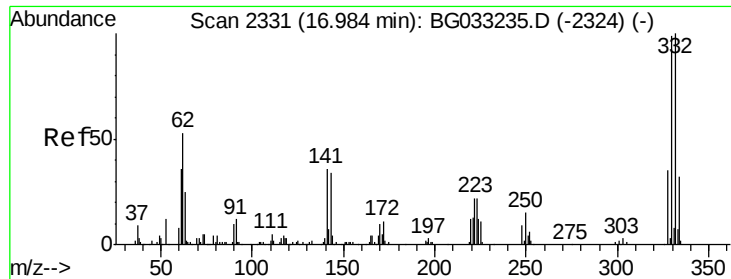
Tot Ion	82	Resp	283476
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.7	44.5
54	55.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tgt Ion	164	Resp	102651
Ion Ratio	Lower	Upper	
164	100		
162	101.1	78.8	118.2
160	50.6	35.4	53.0

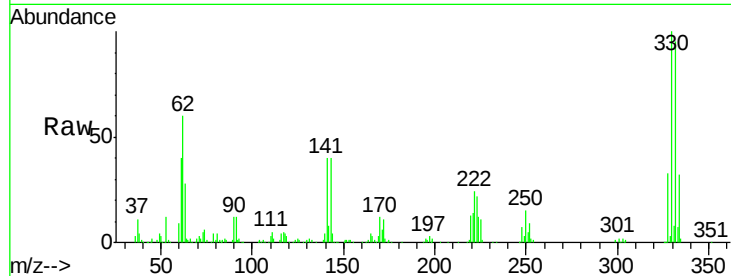




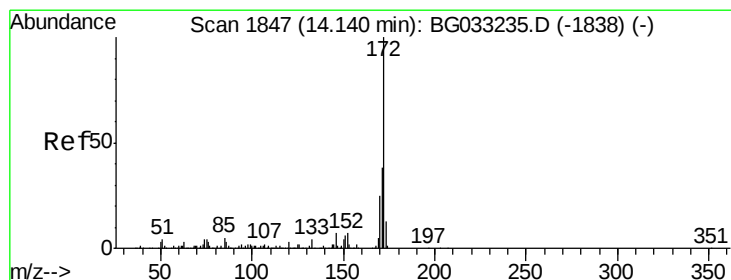
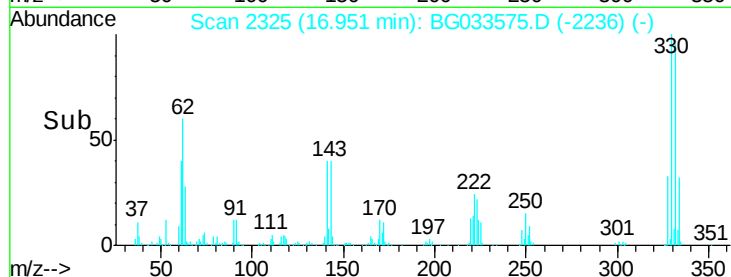
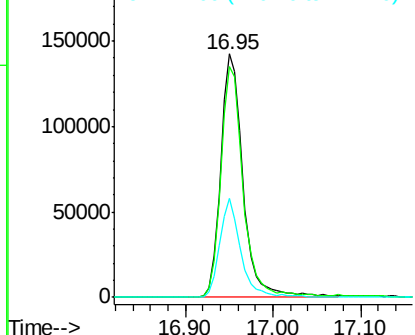
#41
 2,4,6-Tribromophenol
 Concen: 163.132 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-040318-B

Tot Ion:330 Resp: 250451
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 38.3 25.2 37.8#

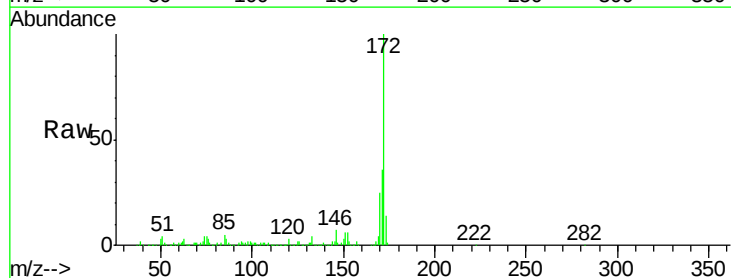


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

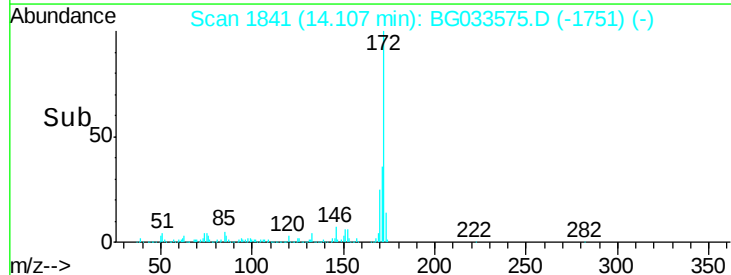
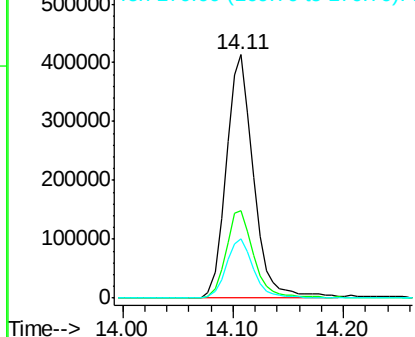


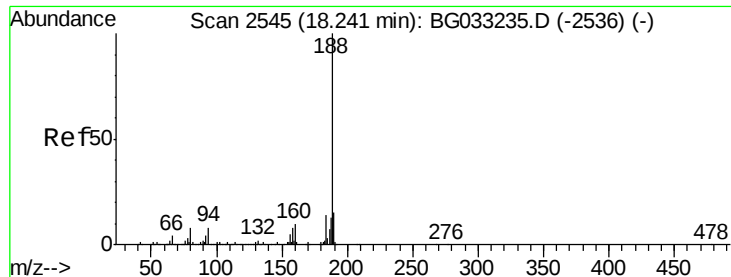
#44
 2-Fluorobiphenyl
 Concen: 101.107 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tgt Ion:172 Resp: 718932
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 24.6 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

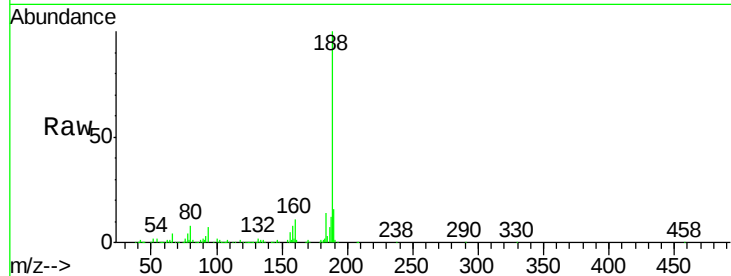




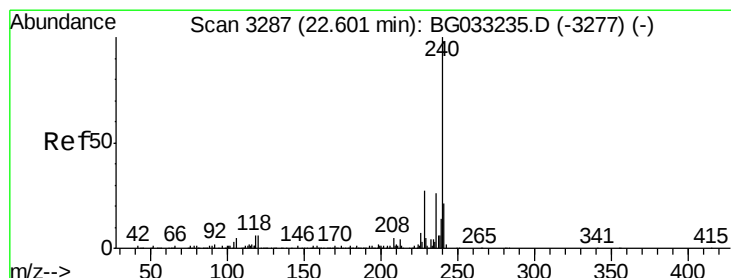
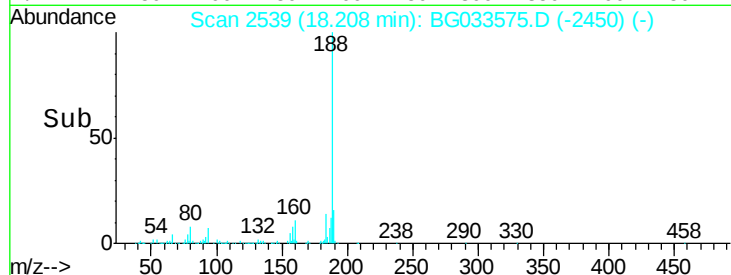
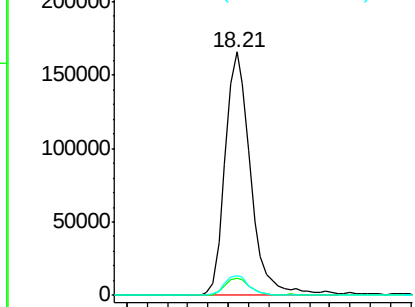
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

Instrument :
BNA_G
ClientSampleId :
AU-06-040318-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	7.8	7.7	11.5

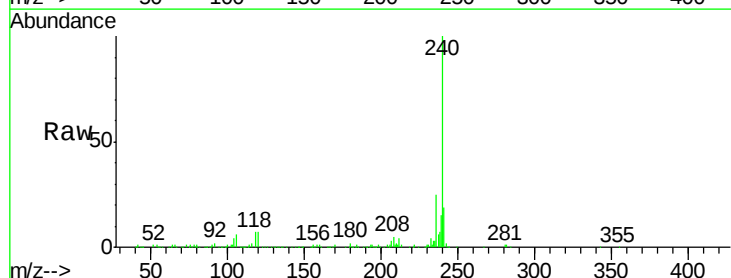


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

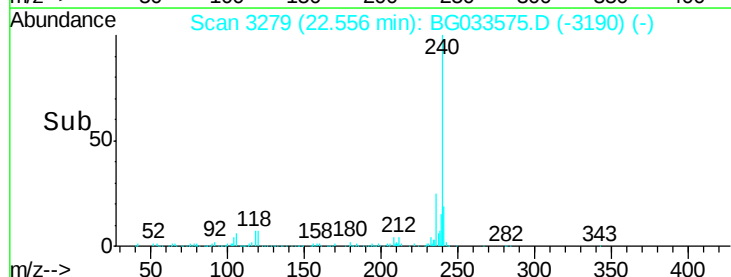
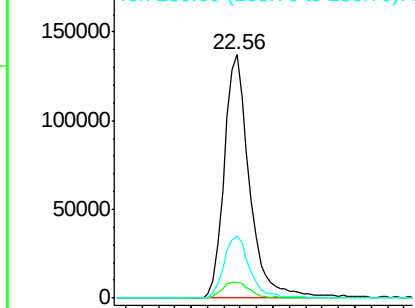


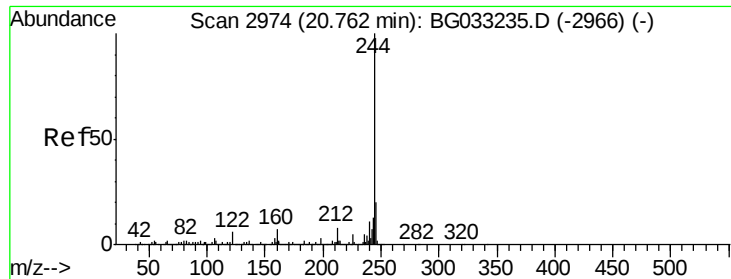
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	25.5	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: 109.699 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

Instrument :

BNA_G

ClientSampleId :

AU-06-040318-B

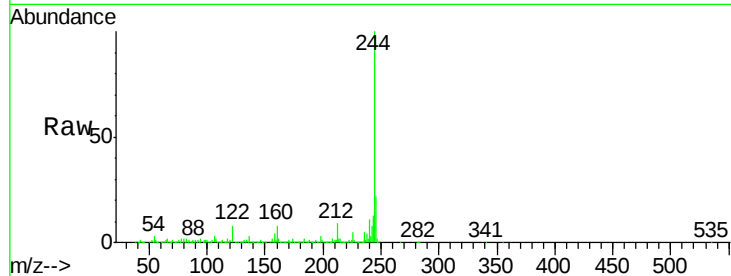
Tot Ion:244 Resp: 1517120

Ion Ratio Lower Upper

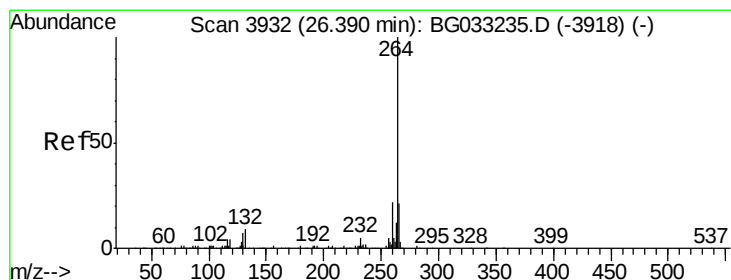
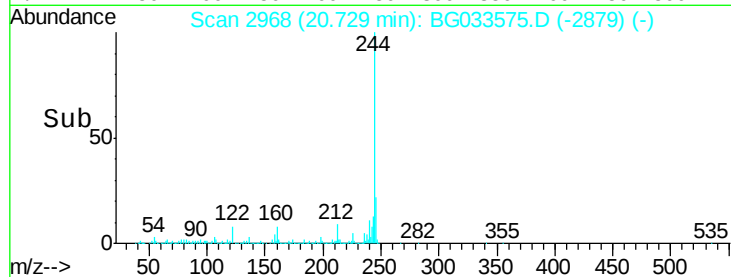
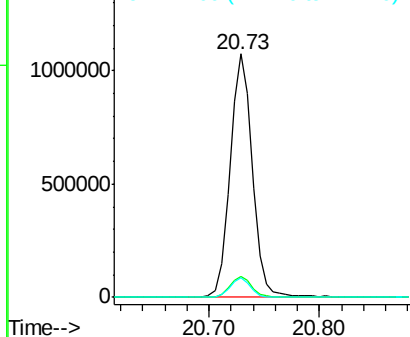
244 100

212 8.6 5.8 8.8

122 7.9 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: 26.32 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

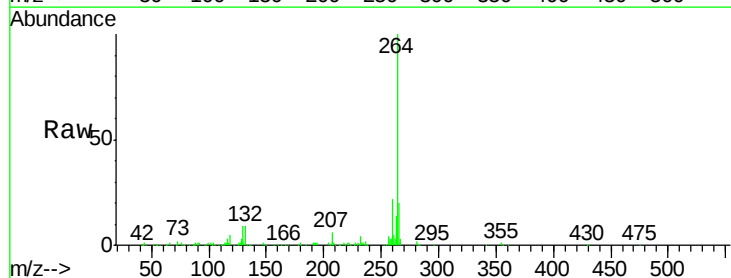
Tgt Ion:264 Resp: 279853

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 19.5 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

