

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033249.D
 Acq On : 19 Mar 2018 20:58
 Operator : SJ/JU
 Sample : PB107449BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BL

Quant Time: Mar 20 03:49:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34180	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	142389	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	109585	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	312856	20.00	ng	0.00
75) Chrysene-d12	22.59	240	334831	20.00	ng	0.00
86) Perylene-d12	26.39	264	340513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	204365	112.11	ng	0.00
7) Phenol-d6	8.00	99	306365	97.82	ng	0.00
23) Nitrobenzene-d5	10.09	82	298471	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	162991	99.45	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	733270	96.60	ng	0.00
78) Terphenyl-d14	20.76	244	1441916	92.10	ng	0.00

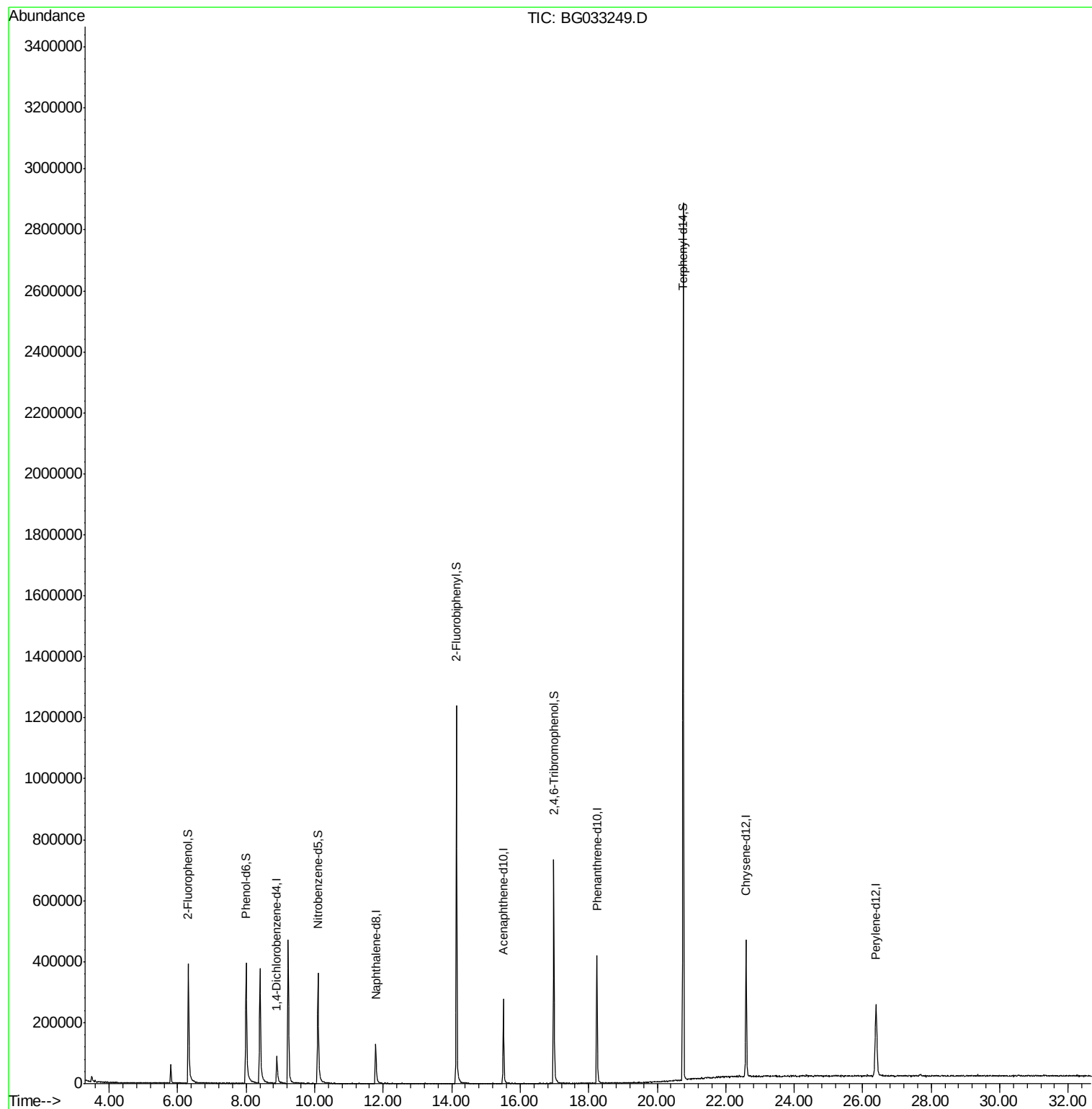
Target Compounds Qvalue

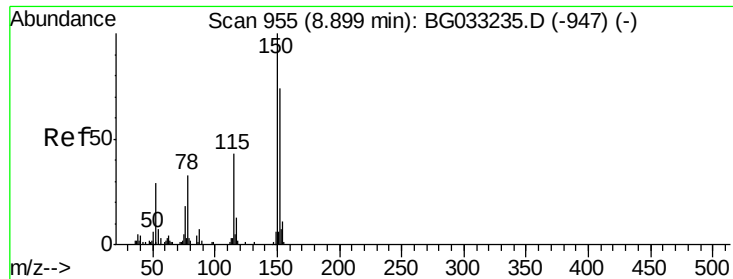
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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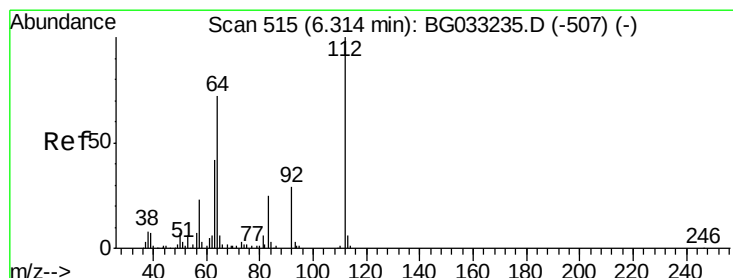
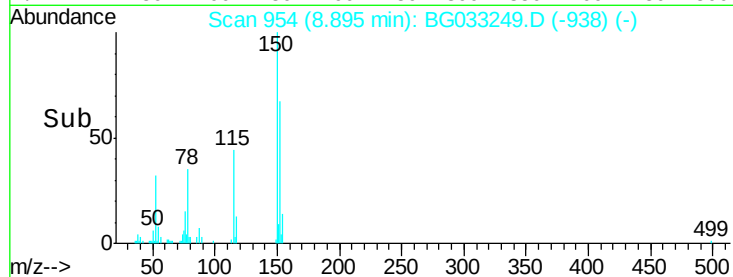
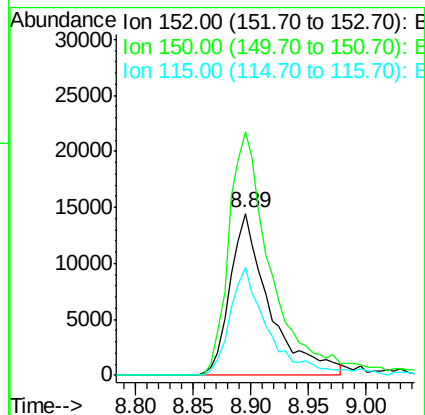
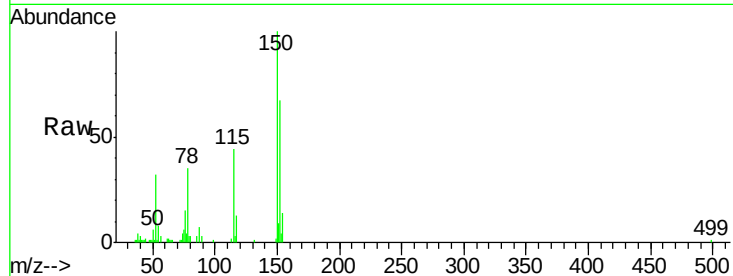


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

Instrument :
BNA_G
ClientSampleId :
PB107449BL

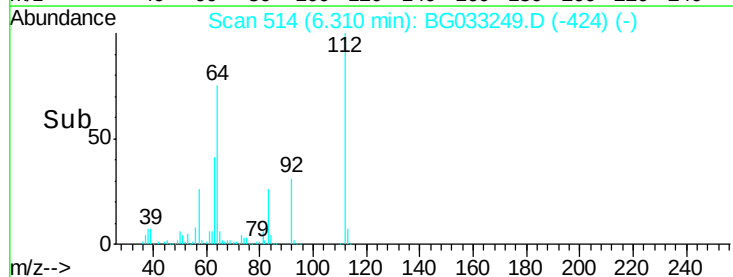
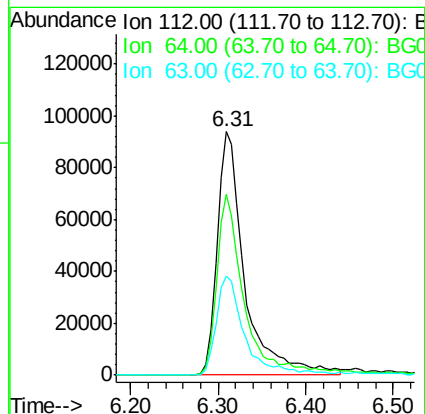
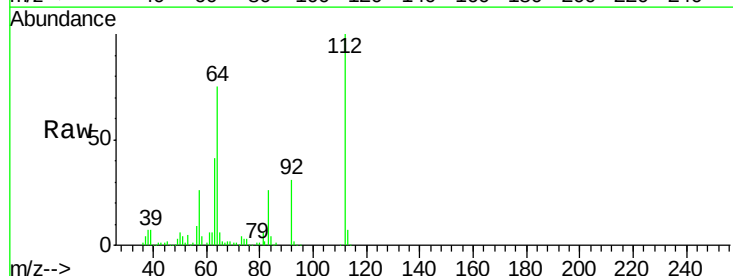
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.6	189.8
115	66.4	53.0	79.4

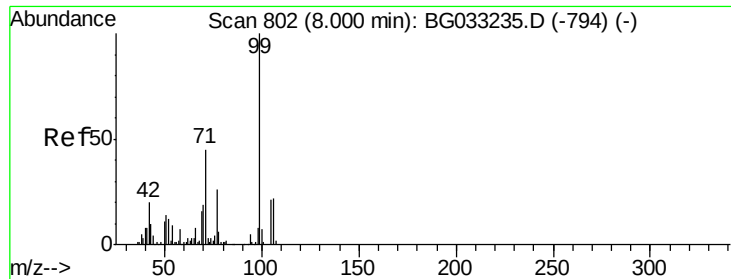


#5

2-Fluorophenol
Concen: 112.115 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	56.3	84.5
63	40.7	30.1	45.1





#7

Phenol-d6

Concen: 97.819 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

PB107449BL

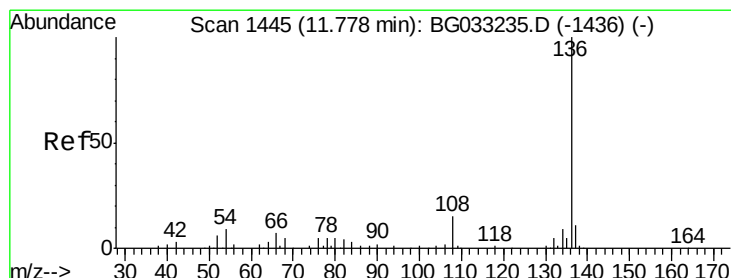
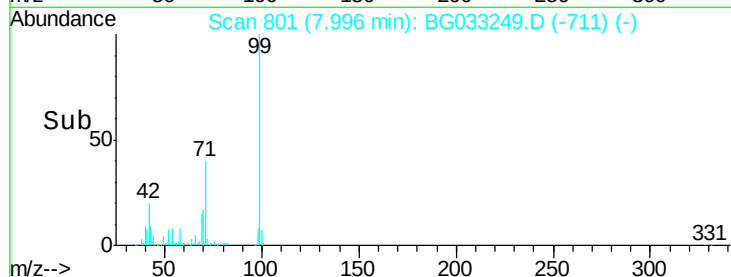
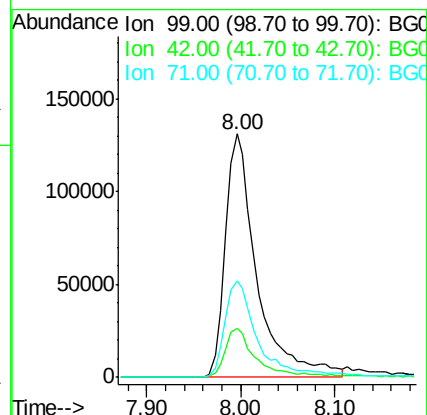
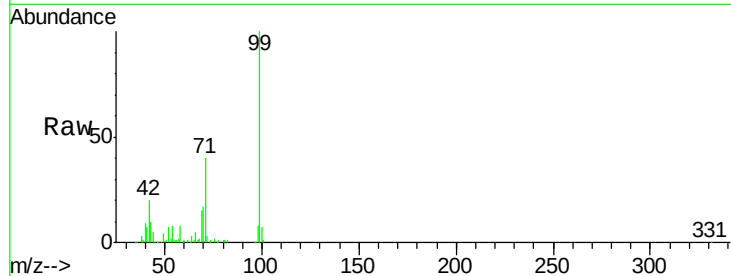
Tot Ion: 99 Resp: 306365

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 39.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Tgt Ion: 136 Resp: 142389

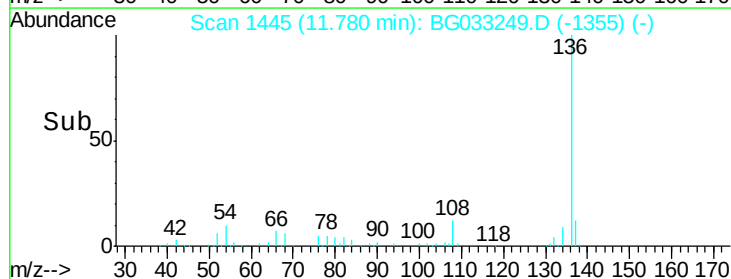
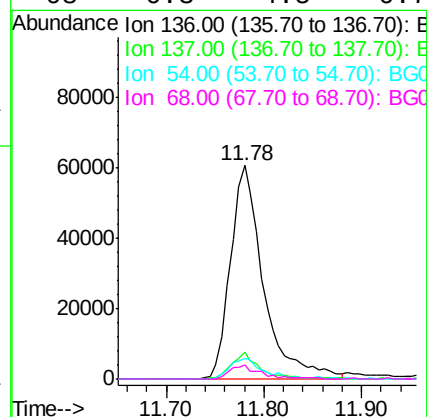
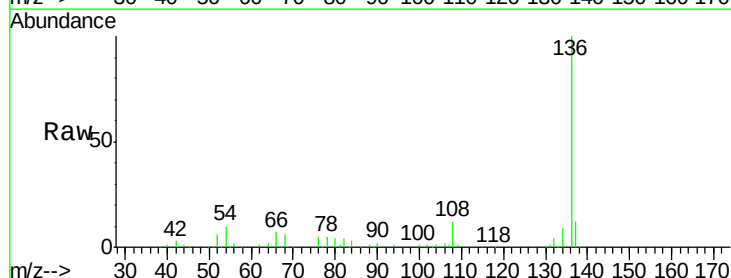
Ion Ratio Lower Upper

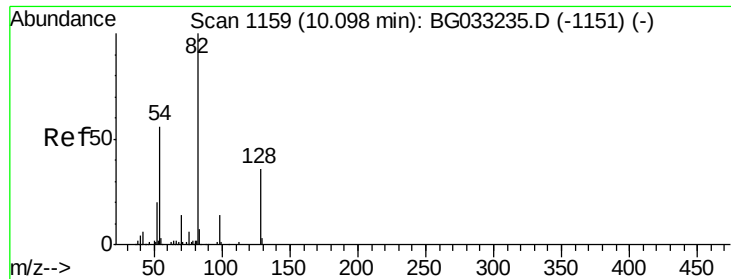
136 100

137 12.4 9.2 13.8

54 9.6 10.3 15.5#

68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 96.306 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

PB107449BL

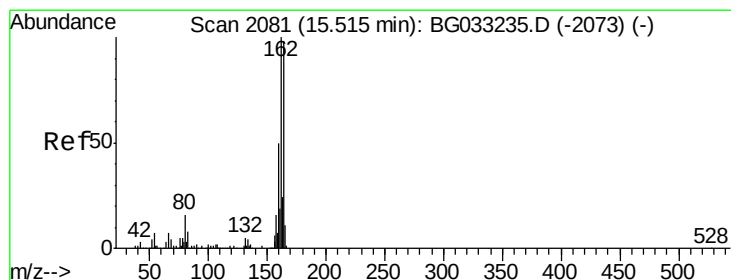
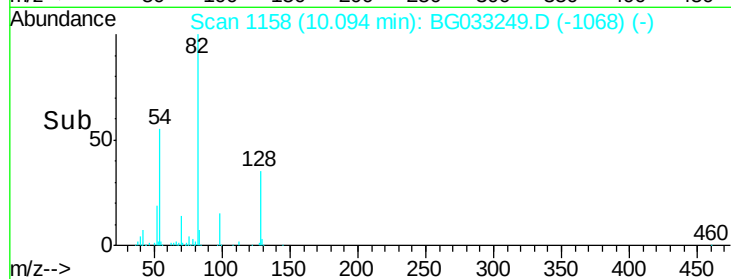
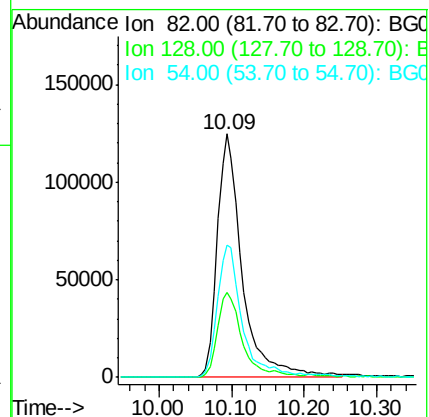
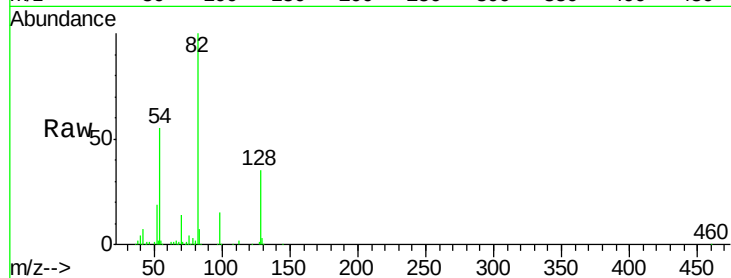
Tot Ion: 82 Resp: 298471

Ion Ratio Lower Upper

82 100

128 35.1 29.7 44.5

54 54.5 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

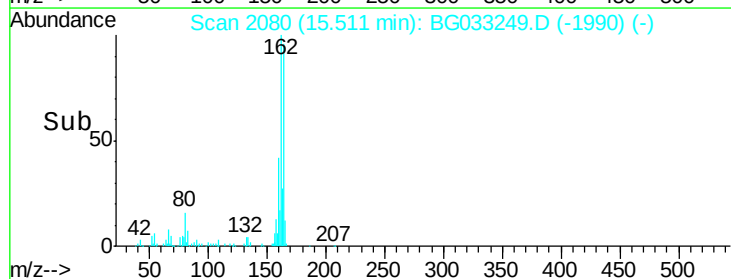
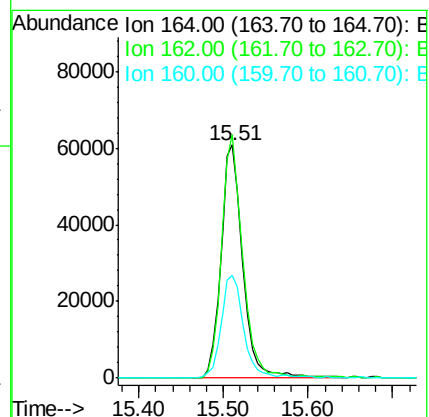
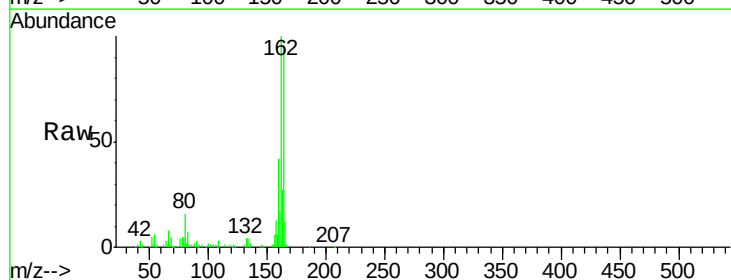
Tgt Ion: 164 Resp: 109585

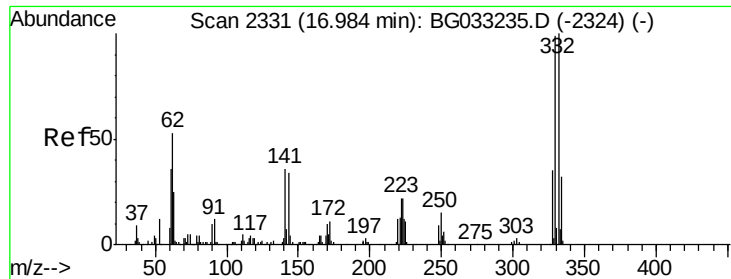
Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

160 44.1 35.4 53.0

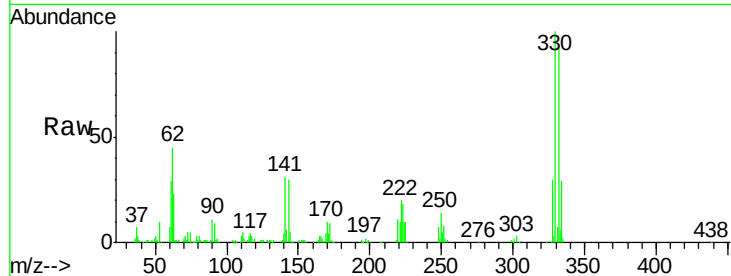




#41
 2,4,6-Tribromophenol
 Concen: 99.447 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	34.6	25.2	37.8

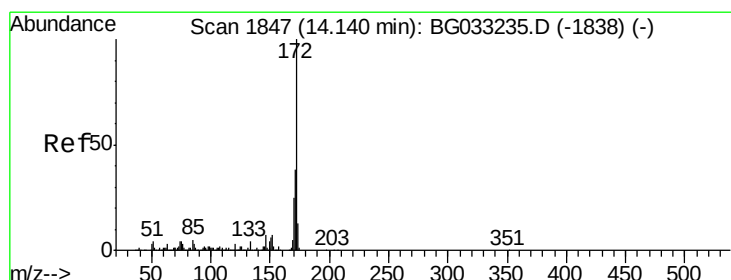
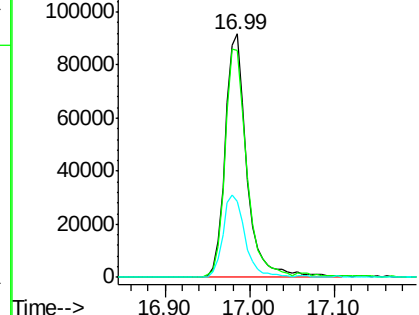
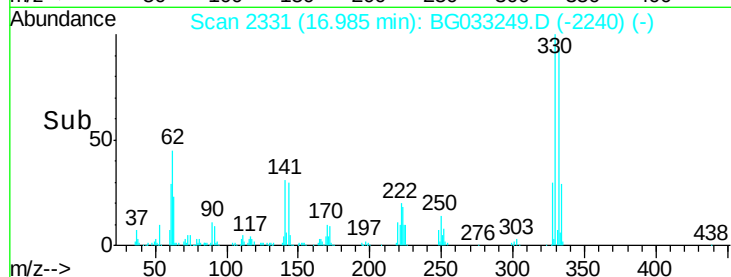


Abundance

Ion 329.80 (329.50 to 330.50): E

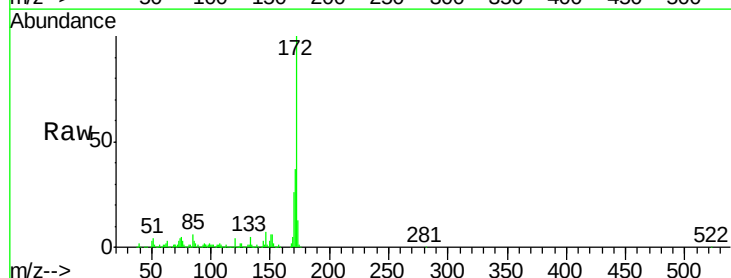
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.598 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.6	19.5	29.3

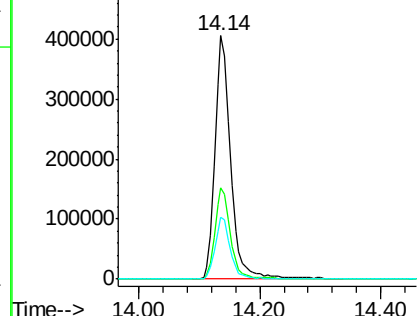
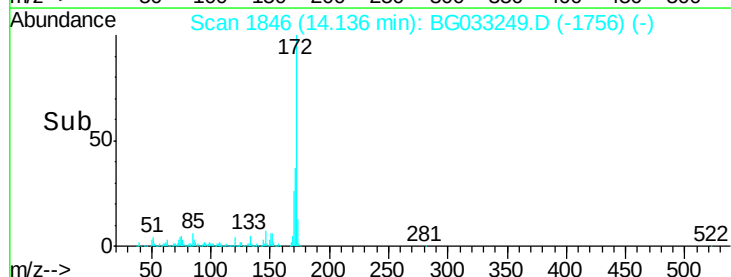


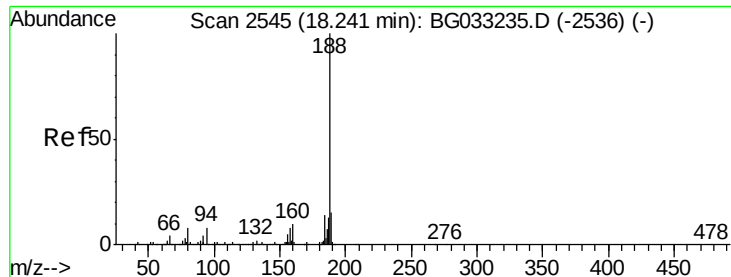
Abundance

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: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

PB107449BL

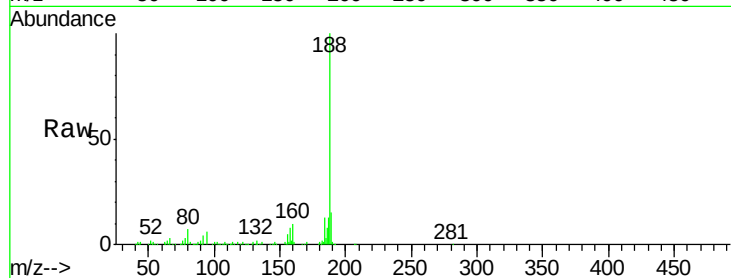
Tot Ion:188 Resp: 312856

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

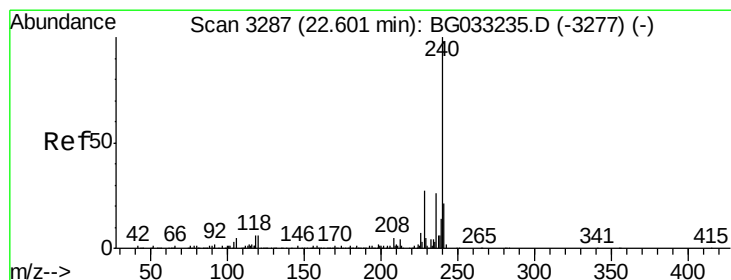
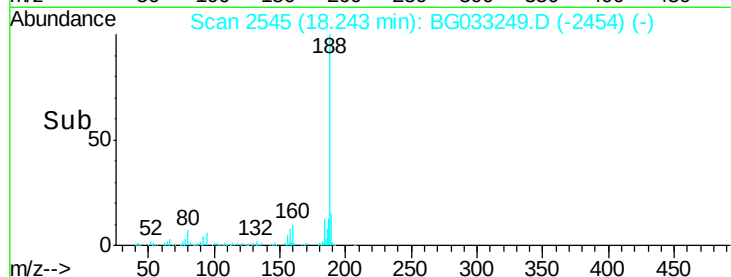
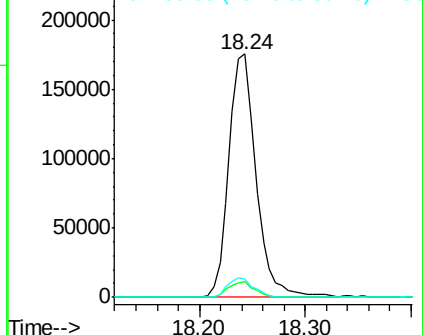
80 7.3 7.7 11.5#



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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

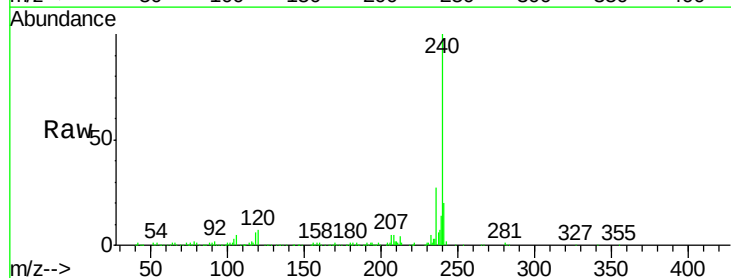
Tgt Ion:240 Resp: 334831

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

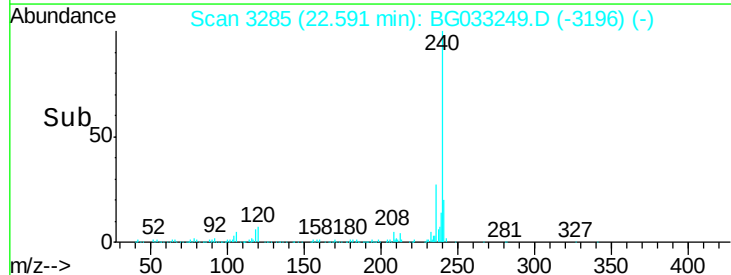
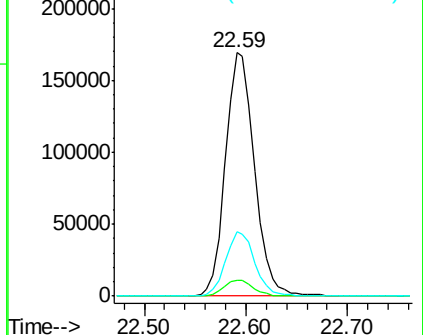
236 26.6 20.9 31.3

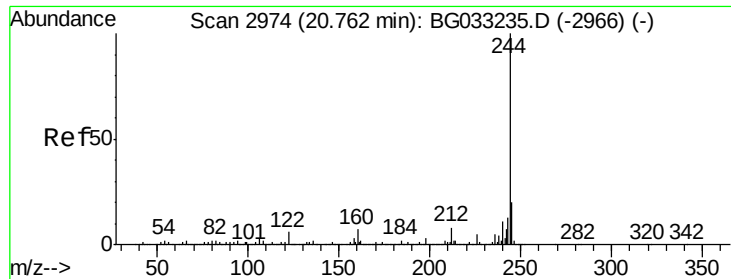


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.097 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

PB107449BL

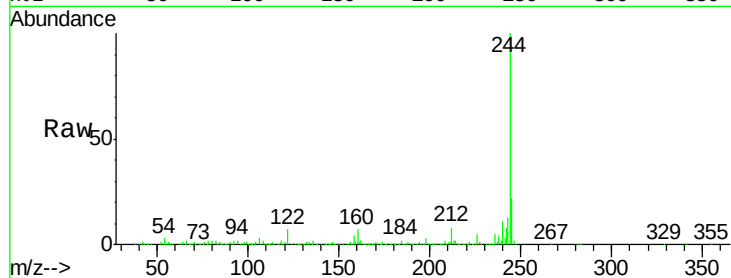
Tot Ion:244 Resp: 1441916

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

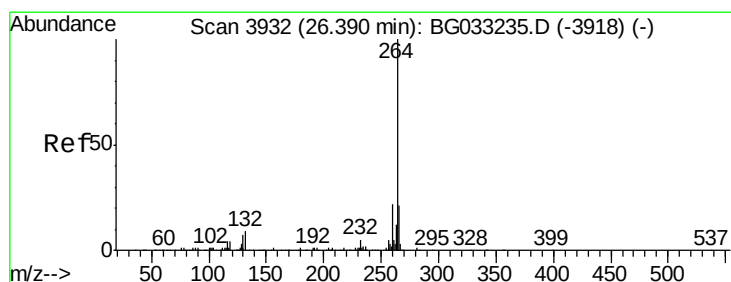
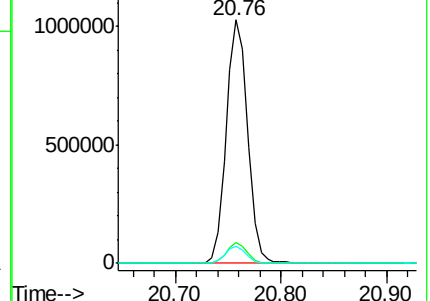
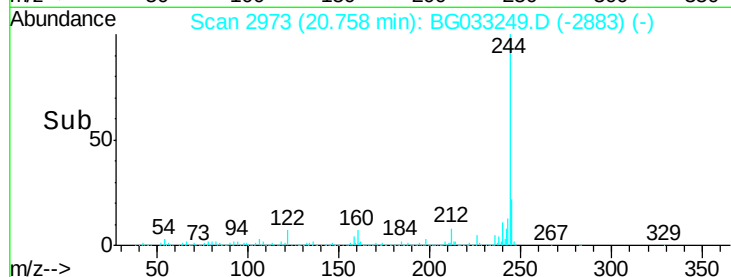
122 7.1 7.0 10.4



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: 26.39 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

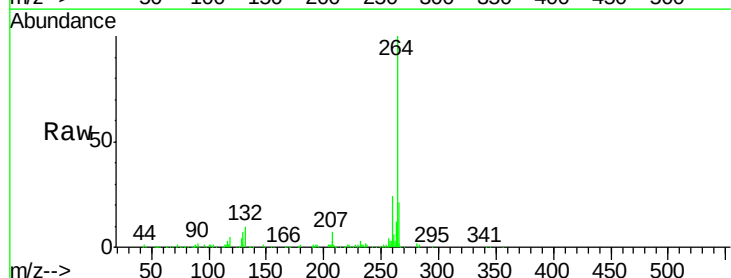
Tgt Ion:264 Resp: 340513

Ion Ratio Lower Upper

264 100

260 23.7 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

