

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033407.D
 Acq On : 29 Mar 2018 5:43
 Operator : SJ/JU
 Sample : PB107704BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BL

Quant Time: Mar 29 07:44:58 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	8.86	152	37848	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	153146	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115483	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318728	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330811	20.00	ng	0.00
86) Perylene-d12	26.33	264	355648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	322812	159.93	ng	0.00
7) Phenol-d6	7.99	99	493848	142.40	ng	0.00
23) Nitrobenzene-d5	10.07	82	297546	89.26	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	228563	132.33	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	732072	91.52	ng	0.00
78) Terphenyl-d14	20.73	244	1373092	88.77	ng	0.00

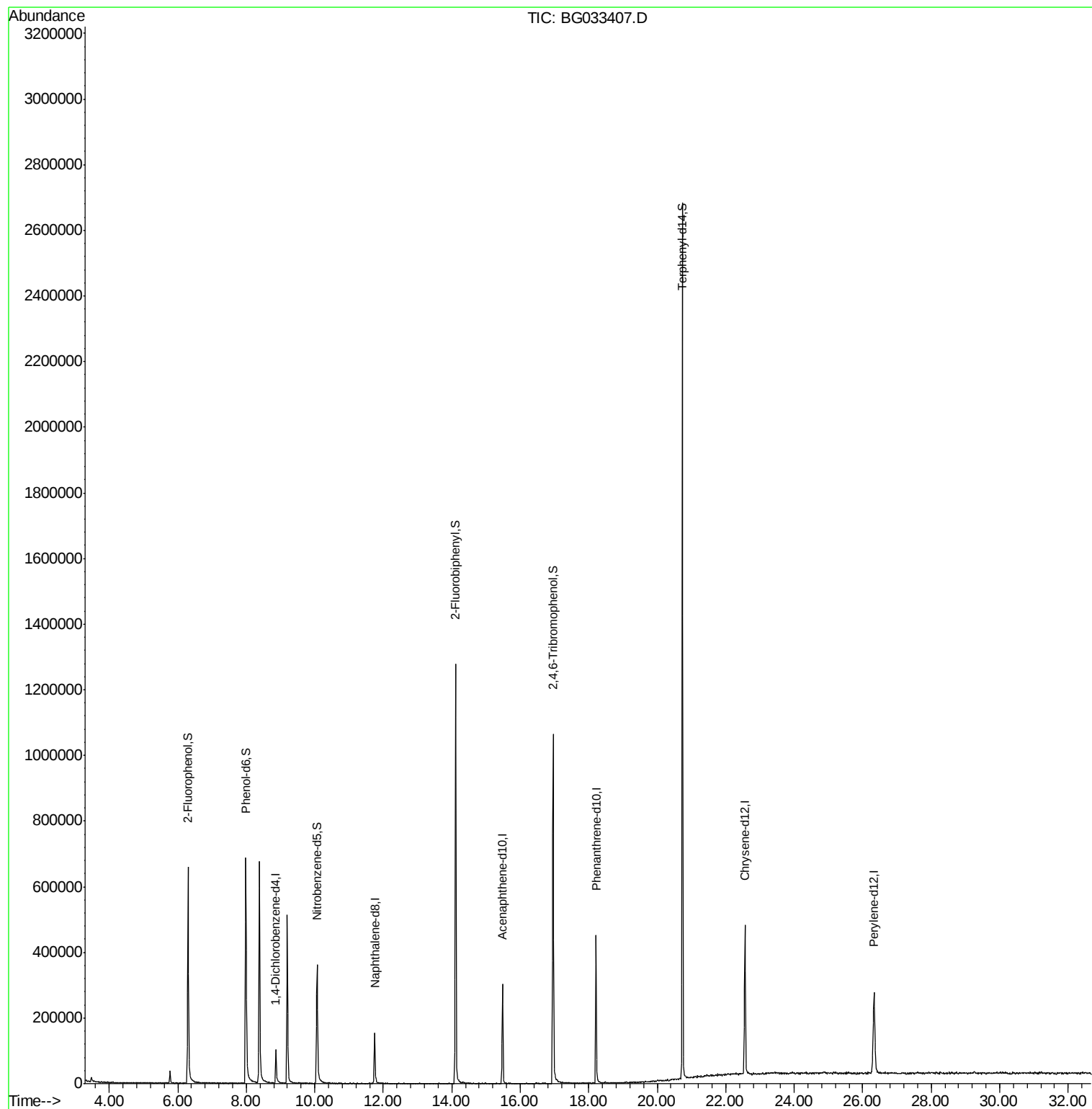
Target Compounds Qvalue

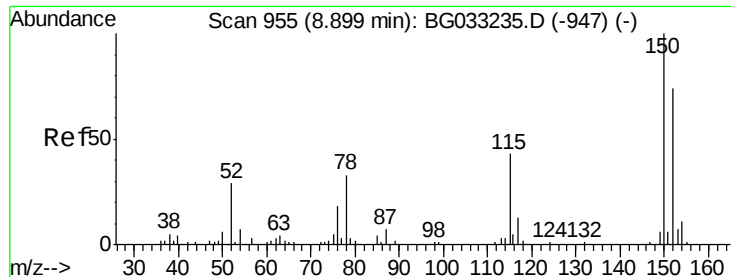
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033407.D
Acq On : 29 Mar 2018 5:43
Operator : SJ/JU
Sample : PB107704BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Quant Time: Mar 29 07:44:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

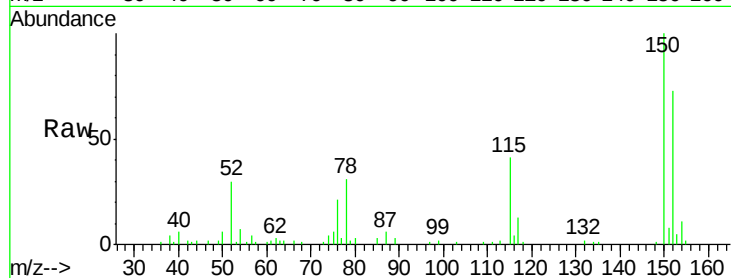
Tot Ion:152 Resp: 37848

Ion Ratio Lower Upper

152 100

150 136.2 126.6 189.8

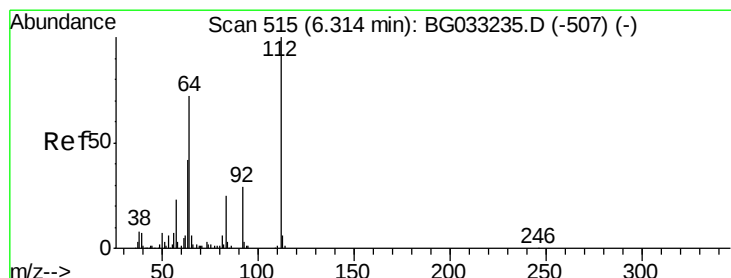
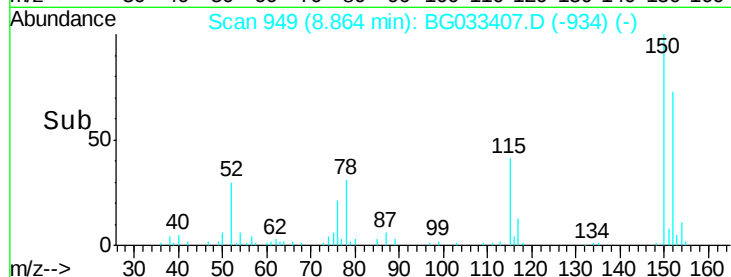
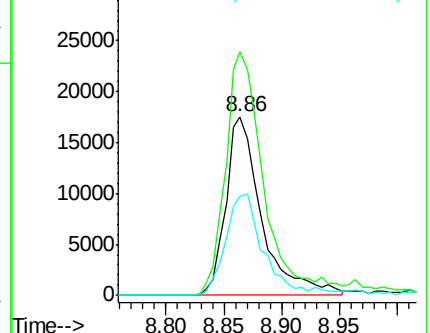
115 55.7 53.0 79.4



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: 159.932 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

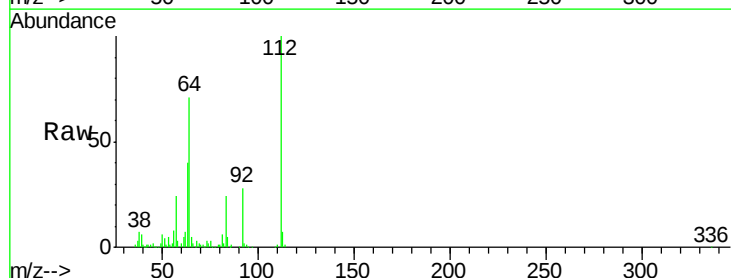
Tgt Ion:112 Resp: 322812

Ion Ratio Lower Upper

112 100

64 71.3 56.3 84.5

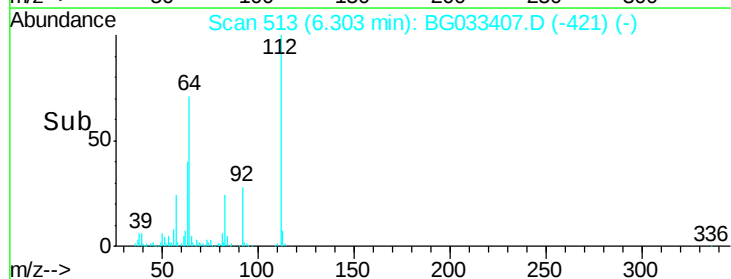
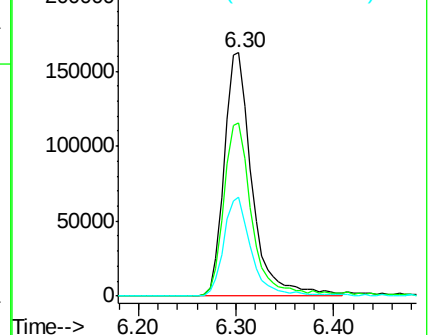
63 40.4 30.1 45.1

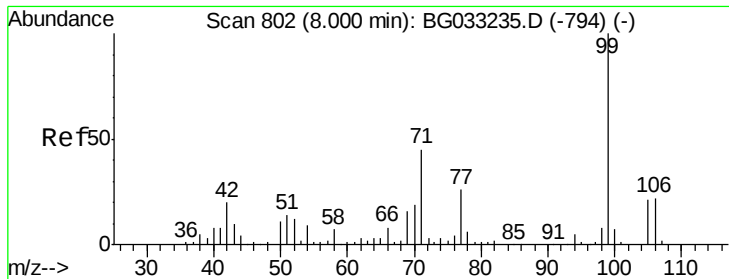


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.398 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

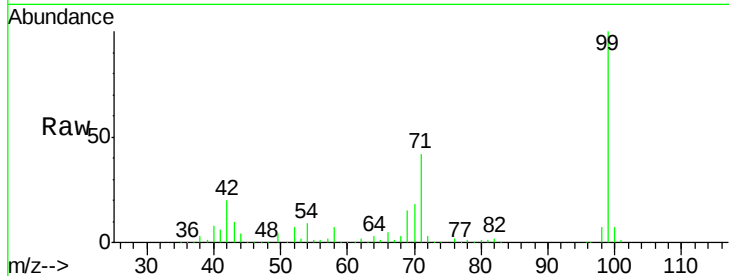
Tot Ion: 99 Resp: 493848

Ion Ratio Lower Upper

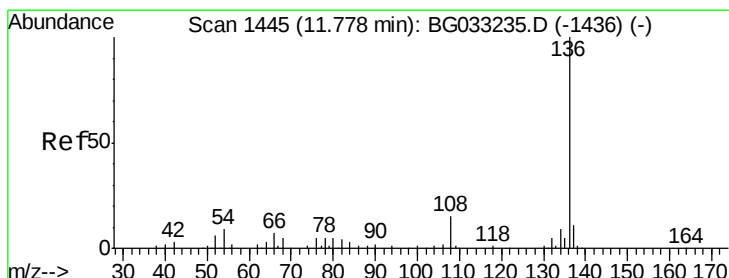
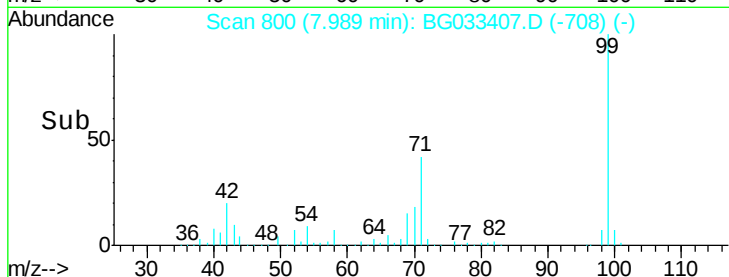
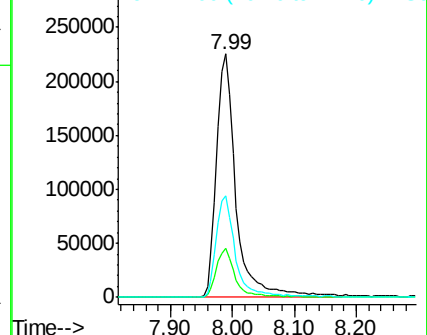
99 100

42 20.2 14.1 21.1

71 41.9 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: BG033407.D

Acq: 29 Mar 2018 5:43

Tgt Ion: 136 Resp: 153146

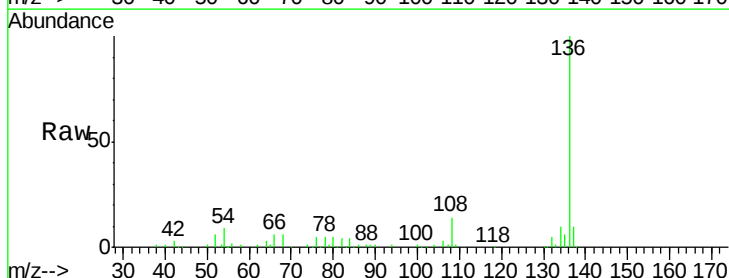
Ion Ratio Lower Upper

136 100

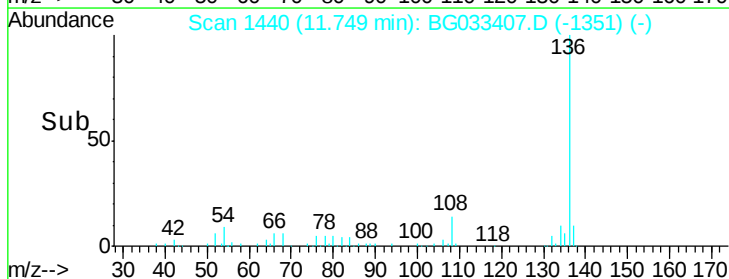
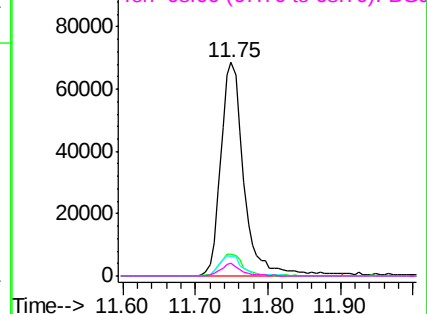
137 10.3 9.2 13.8

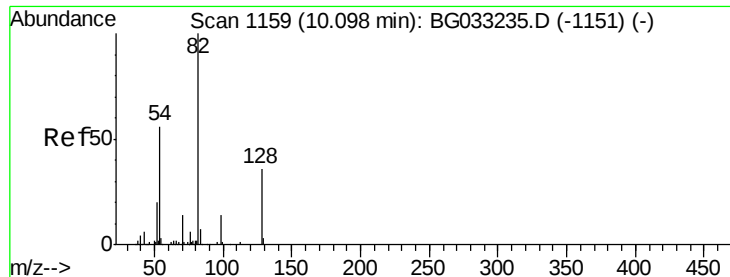
54 9.4 10.3 15.5#

68 5.7 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: 89.264 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

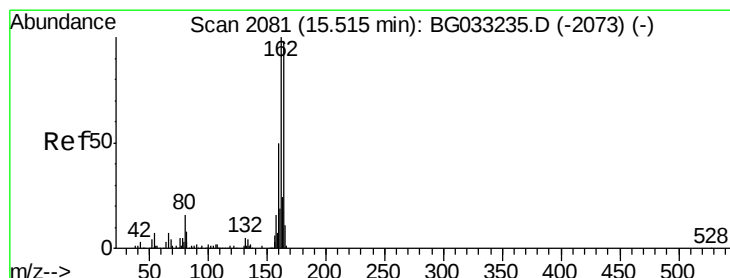
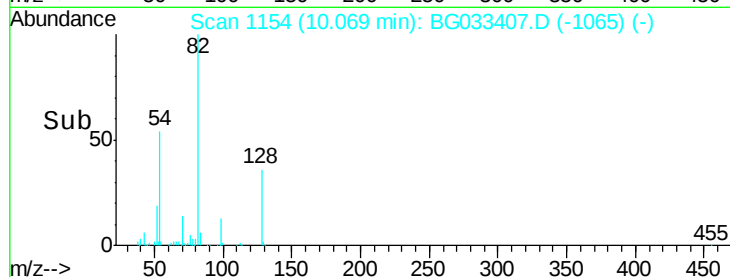
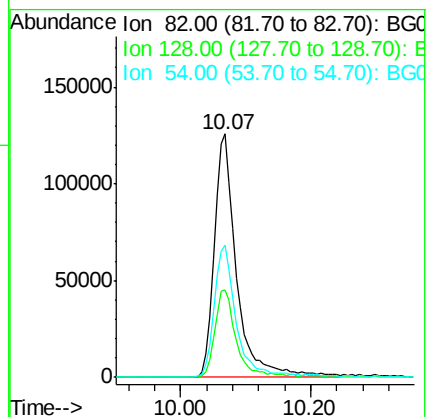
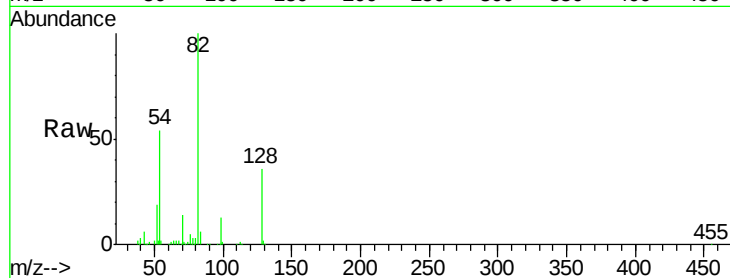
Tot Ion: 82 Resp: 297546

Ion Ratio Lower Upper

82 100

128 36.1 29.7 44.5

54 54.3 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

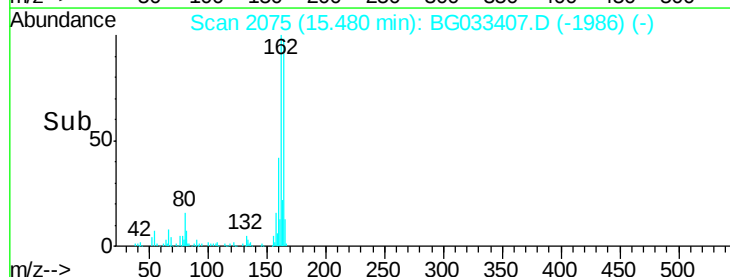
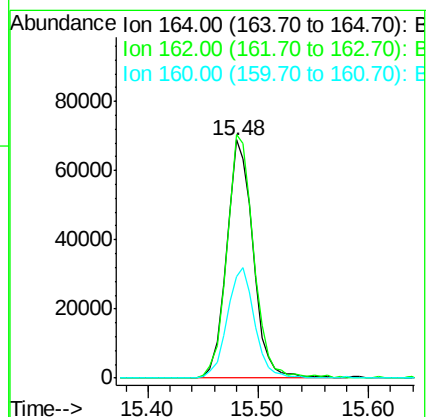
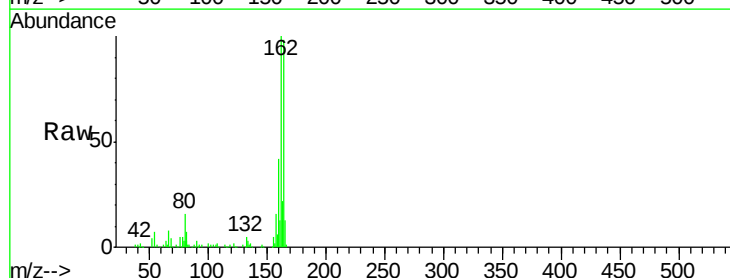
Tgt Ion: 164 Resp: 115483

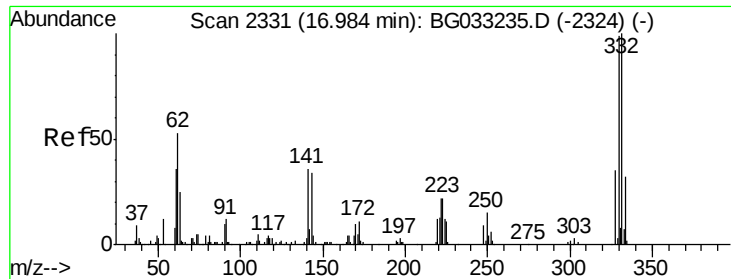
Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

160 42.5 35.4 53.0

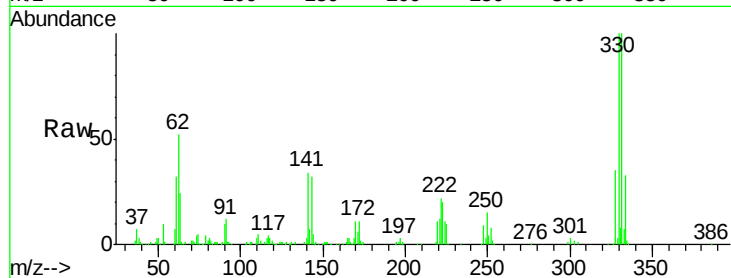




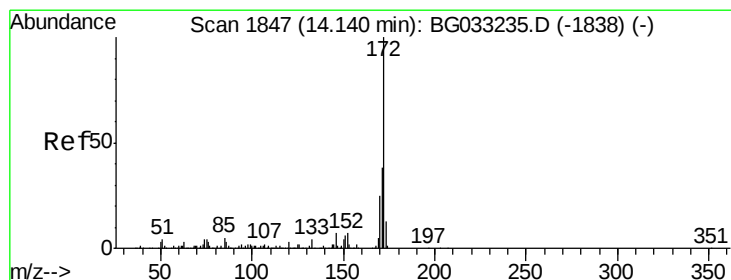
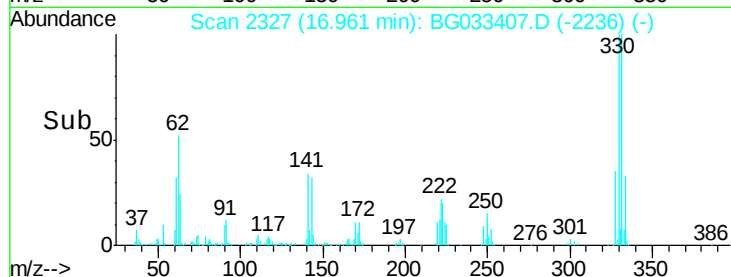
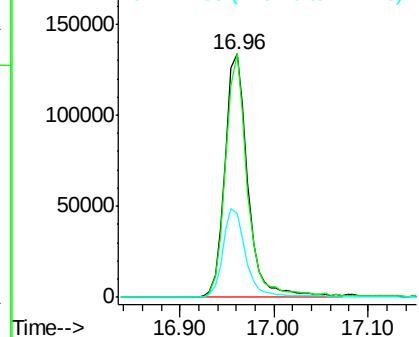
#41
 2,4,6-Tribromophenol
 Concen: 132.333 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.6	25.2	37.8

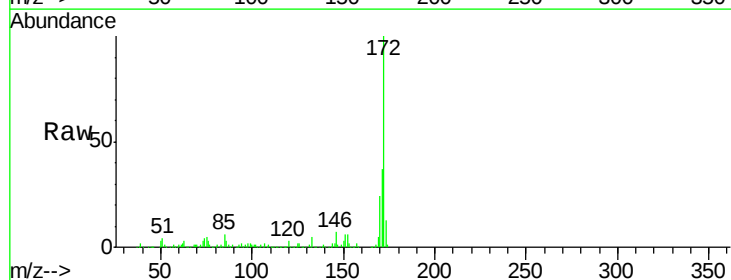


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

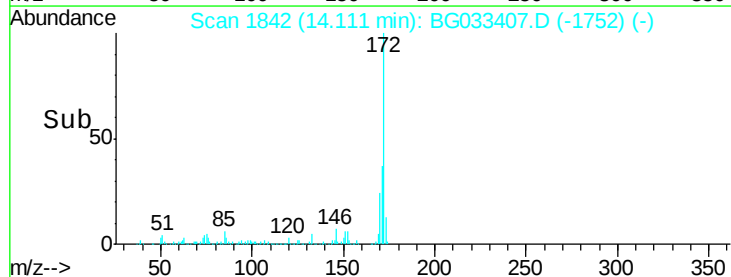
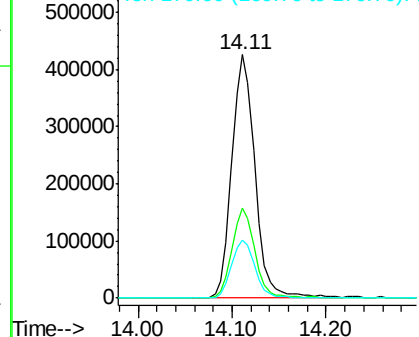


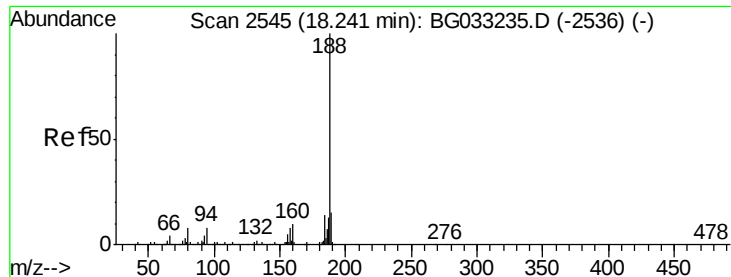
#44
 2-Fluorobiphenyl
 Concen: 91.515 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.8	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

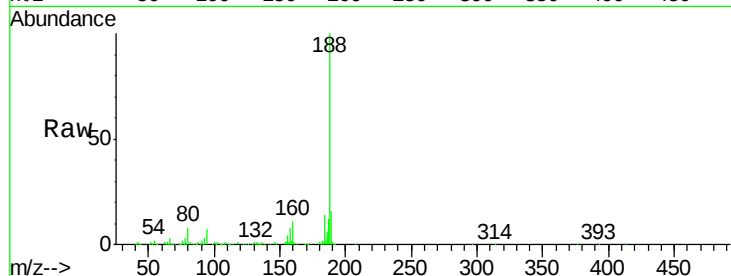




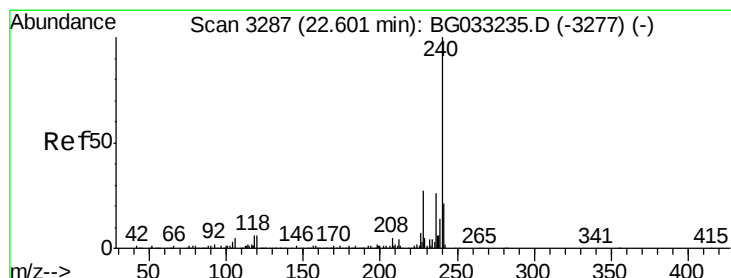
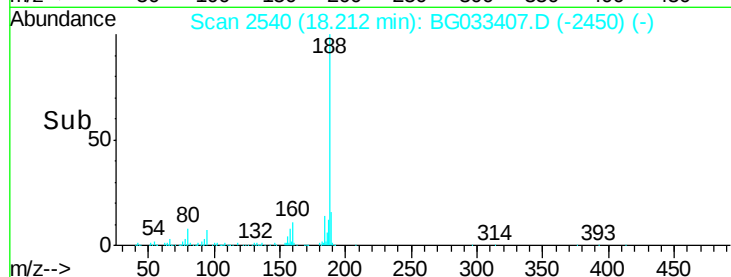
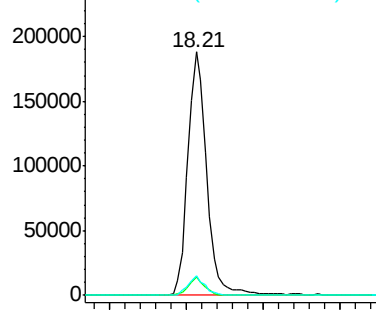
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.1	7.7	11.5

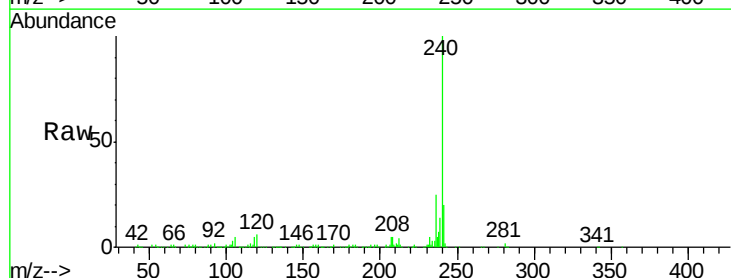


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

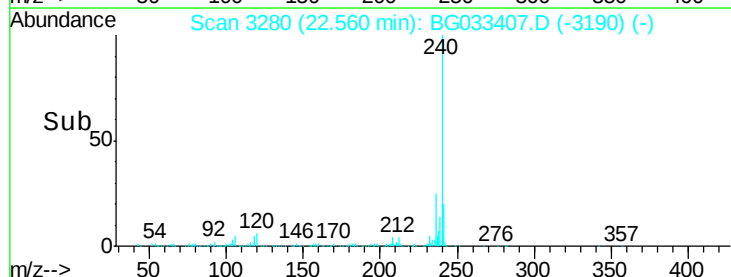
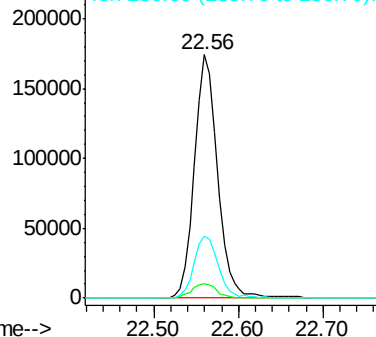


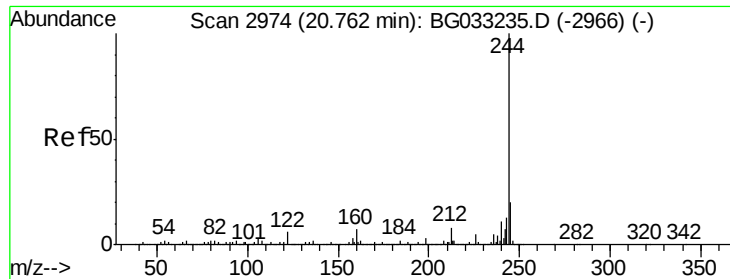
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.3	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: 88.767 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

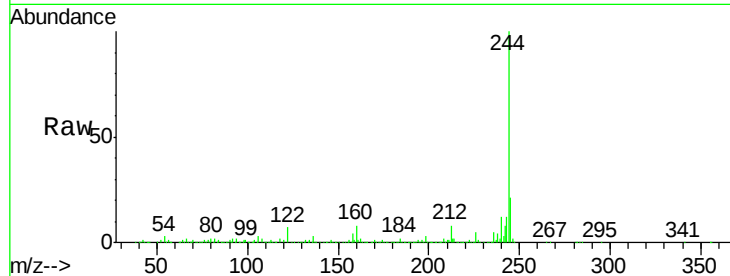
Tot Ion:244 Resp: 1373092

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

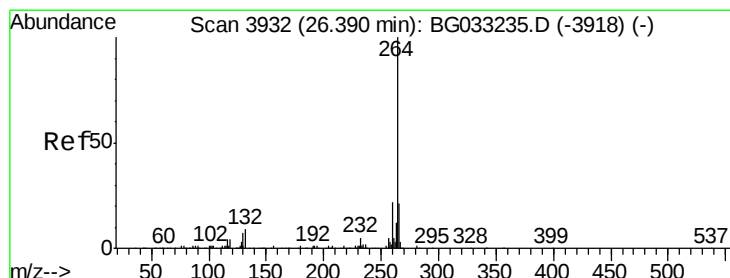
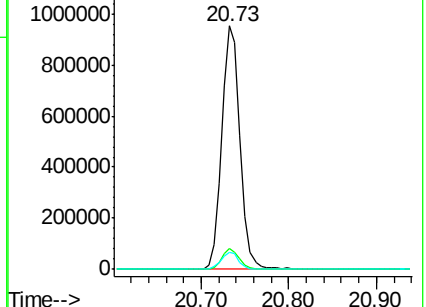
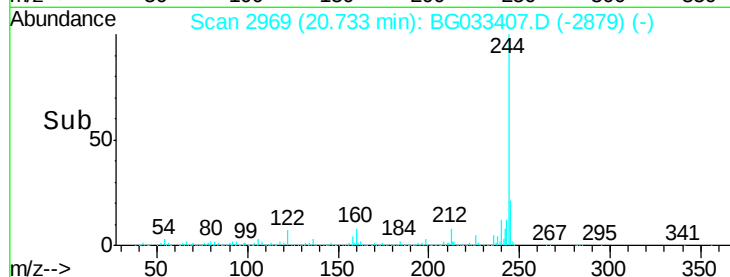
122 7.2 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

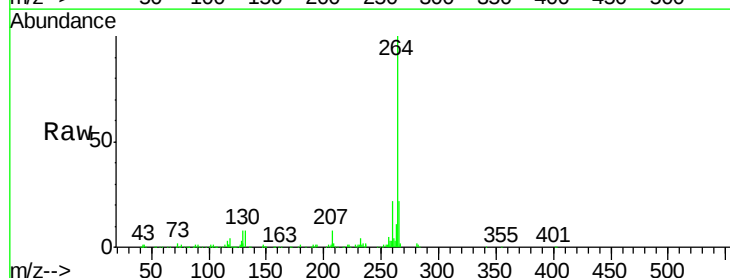
Tgt Ion:264 Resp: 355648

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 21.9 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

