

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033739.D
 Acq On : 11 Apr 2018 8:47
 Operator : SJ/JU
 Sample : J2306-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB36275

Quant Time: Apr 11 11:58:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45986	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	182312	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	126503	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	324572	20.00	ng	0.00
75) Chrysene-d12	22.55	240	366168	20.00	ng	0.00
86) Perylene-d12	26.31	264	361858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	388825	158.55	ng	0.00
7) Phenol-d6	7.97	99	478826	113.63	ng	0.00
23) Nitrobenzene-d5	10.06	82	409004	103.07	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	275756	145.75	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	928346	105.94	ng	0.00
78) Terphenyl-d14	20.73	244	1687848	98.58	ng	0.00

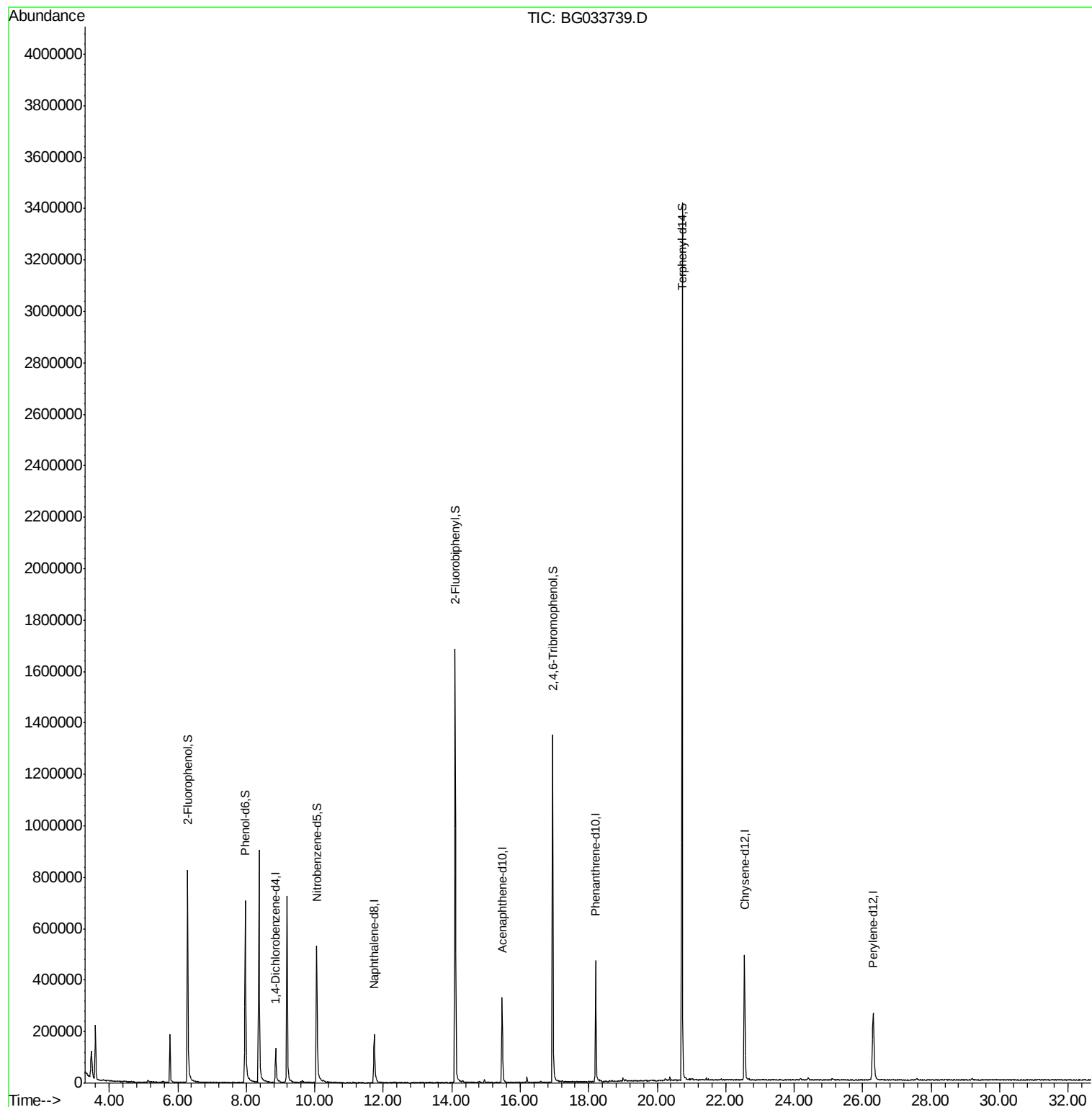
Target Compounds Qvalue

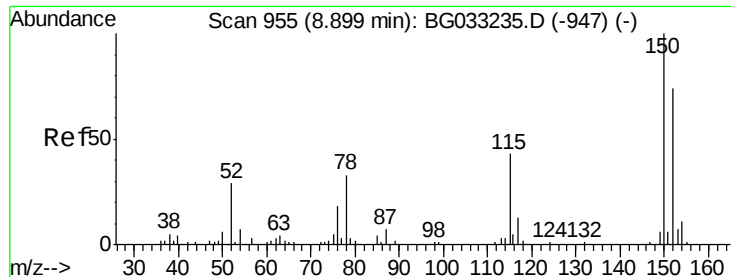
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033739.D
Acq On : 11 Apr 2018 8:47
Operator : SJ/JU
Sample : J2306-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB36275

Quant Time: Apr 11 11:58:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

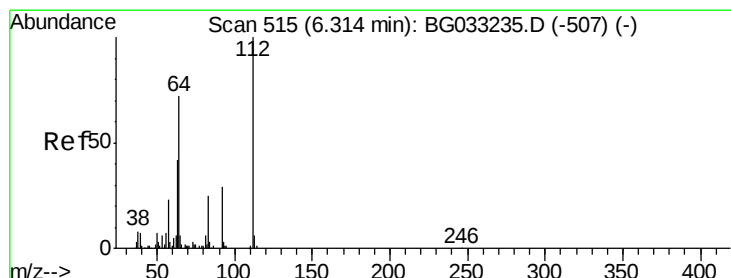
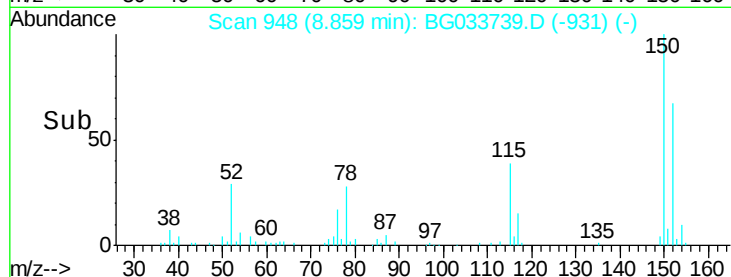
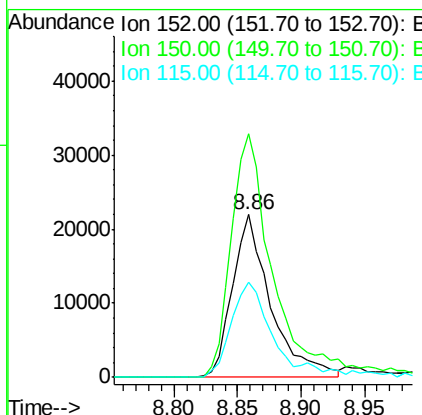
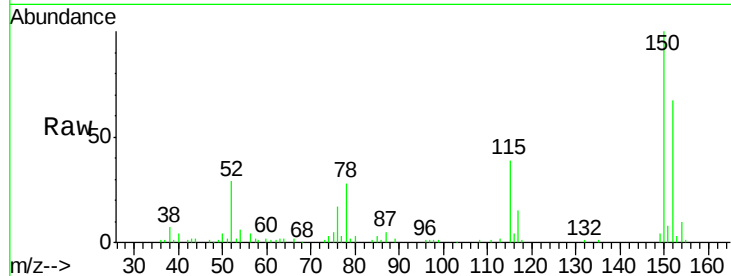




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

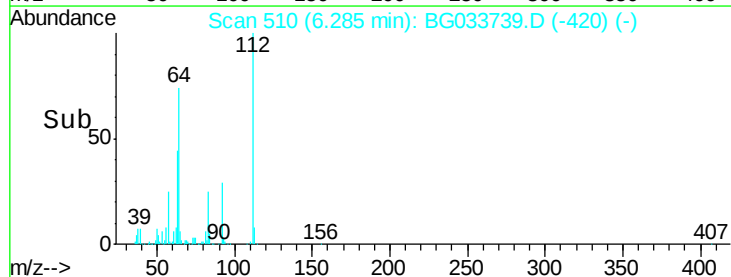
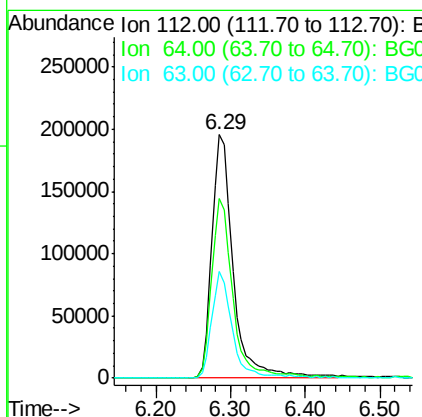
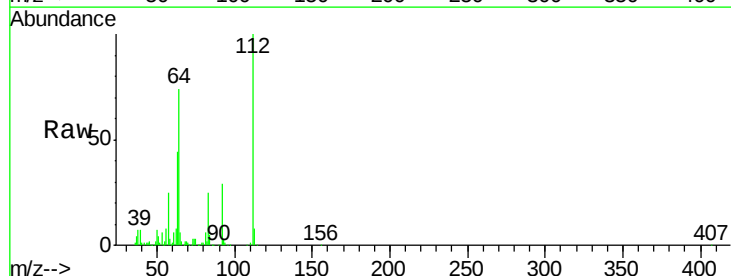
Instrument :
 BNA_G
 ClientSampleId :
 RB36275

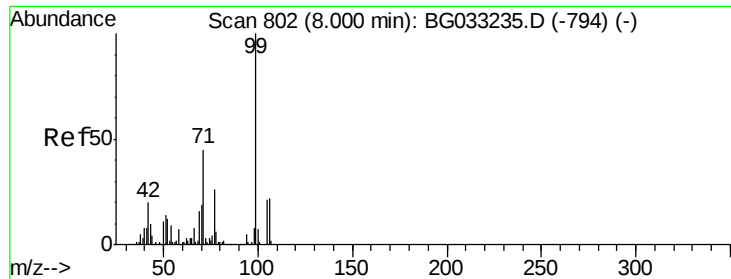
Tot Ion:152 Resp: 45986
 Ion Ratio Lower Upper
 152 100
 150 149.6 126.6 189.8
 115 58.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 158.547 ng
 RT: 6.29 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion:112 Resp: 388825
 Ion Ratio Lower Upper
 112 100
 64 74.0 56.3 84.5
 63 43.8 30.1 45.1





#7

Phenol-d6

Concen: 113.633 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Instrument :

BNA_G

ClientSampleId :

RB36275

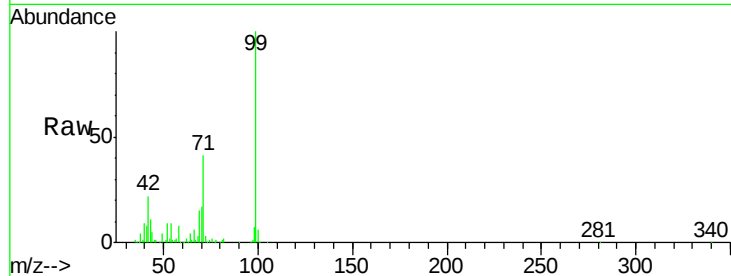
Tot Ion: 99 Resp: 478826

Ion Ratio Lower Upper

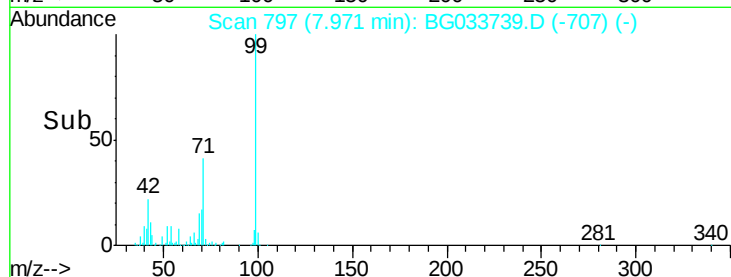
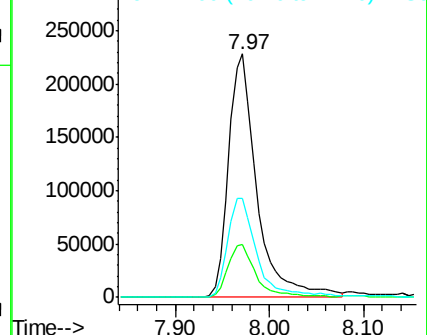
99 100

42 21.6 14.1 21.1#

71 40.9 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Tgt Ion: 136 Resp: 182312

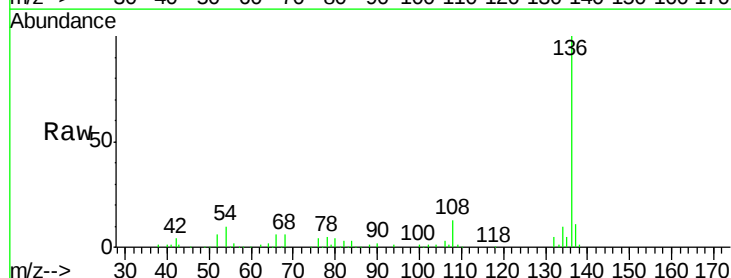
Ion Ratio Lower Upper

136 100

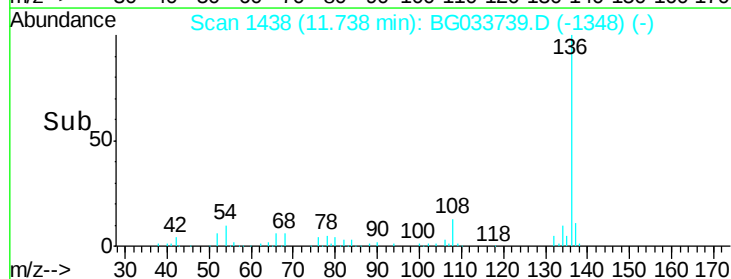
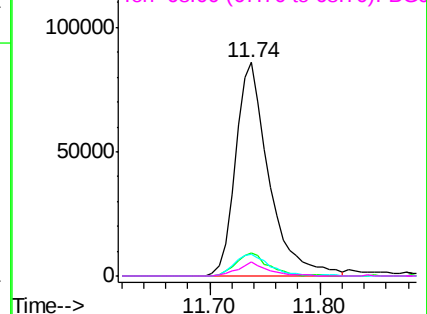
137 10.6 9.2 13.8

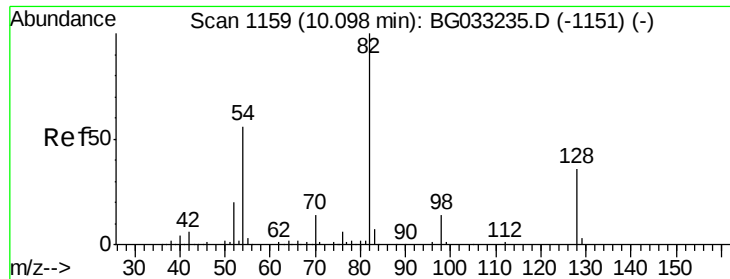
54 10.0 10.3 15.5#

68 6.4 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: 103.072 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Instrument :

BNA_G

ClientSampleId :

RB36275

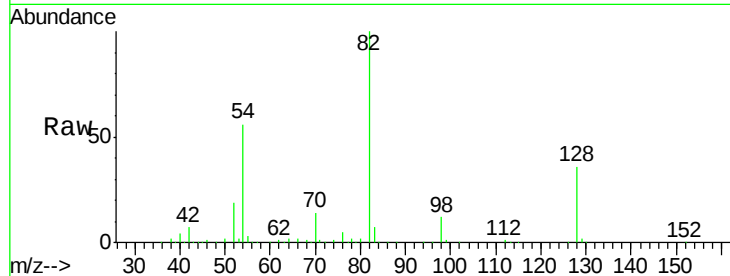
Tot Ion: 82 Resp: 409004

Ion Ratio Lower Upper

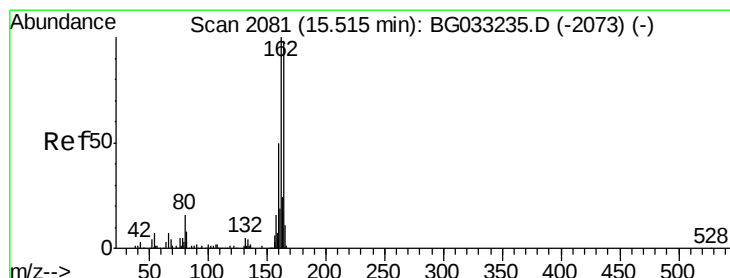
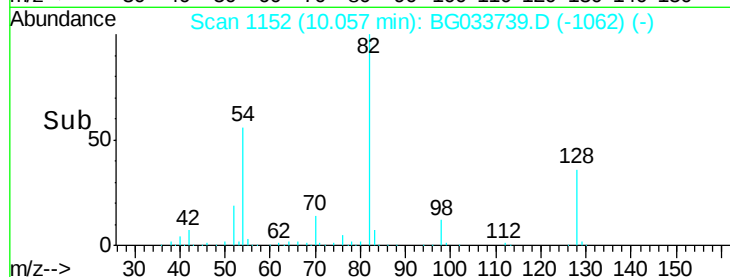
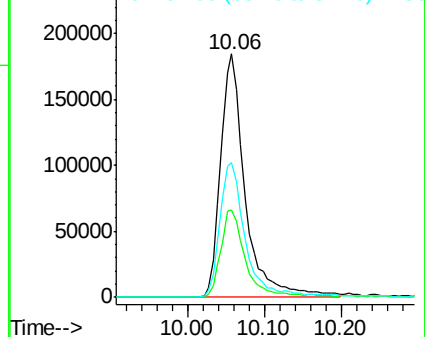
82 100

128 35.8 29.7 44.5

54 55.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

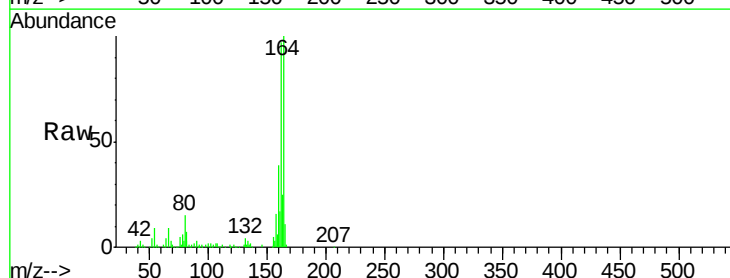
Tgt Ion: 164 Resp: 126503

Ion Ratio Lower Upper

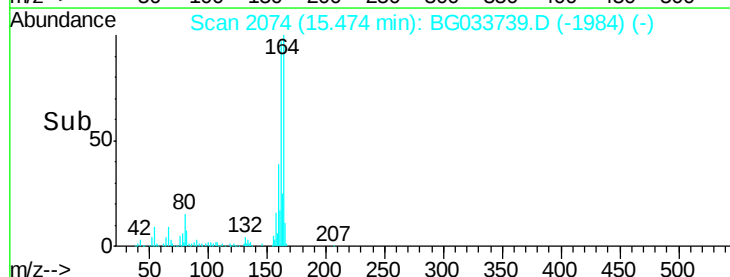
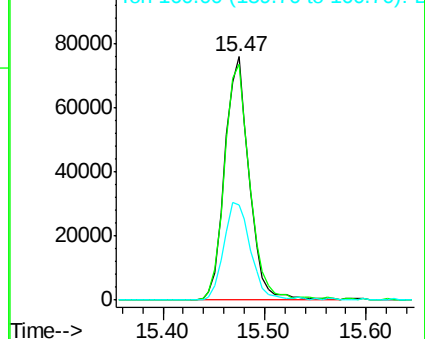
164 100

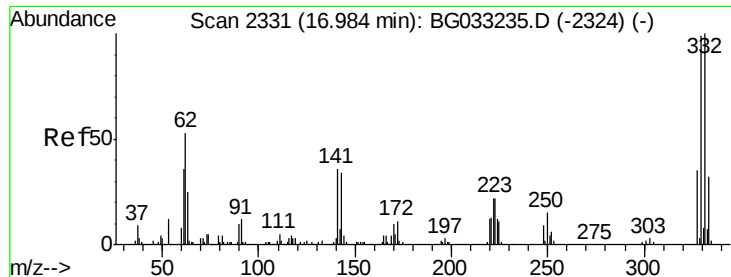
162 96.7 78.8 118.2

160 38.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

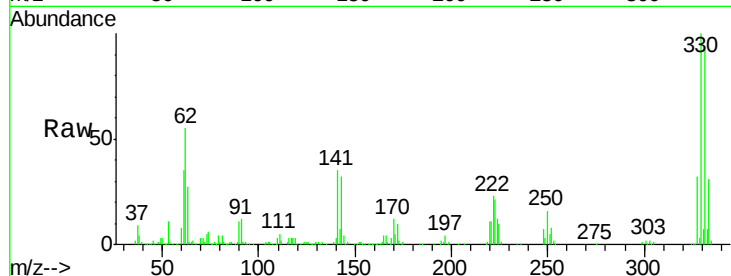




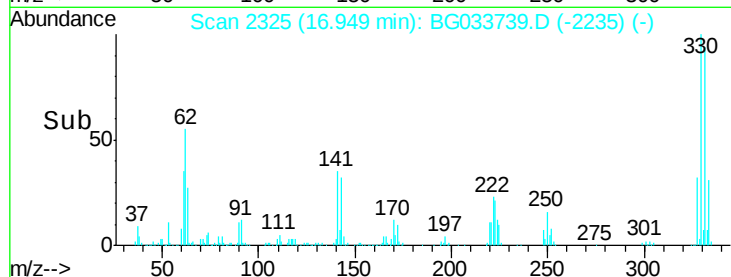
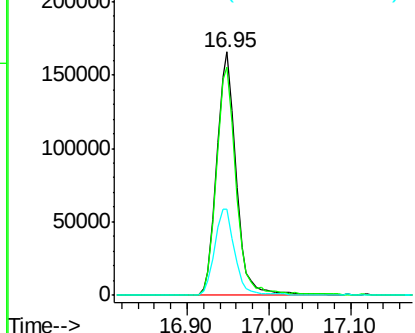
#41
 2,4,6-Tribromophenol
 Concen: 145.748 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 RB36275

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	36.3	25.2	37.8

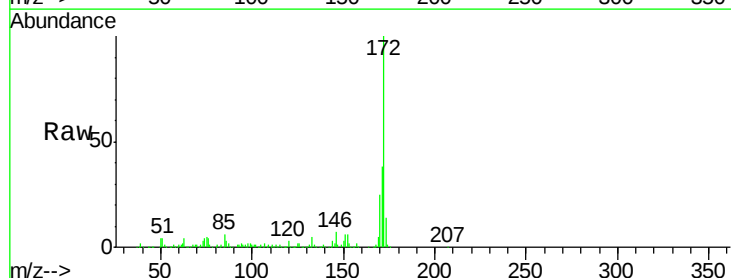


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

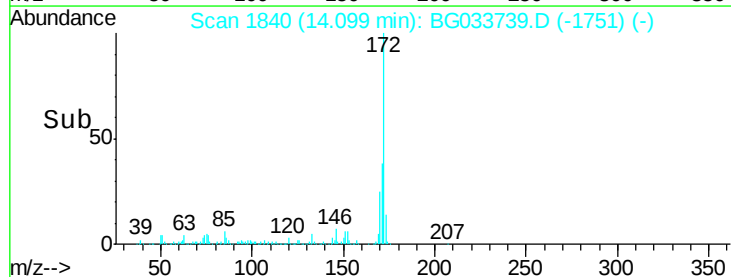
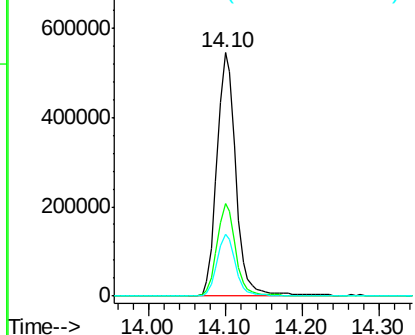


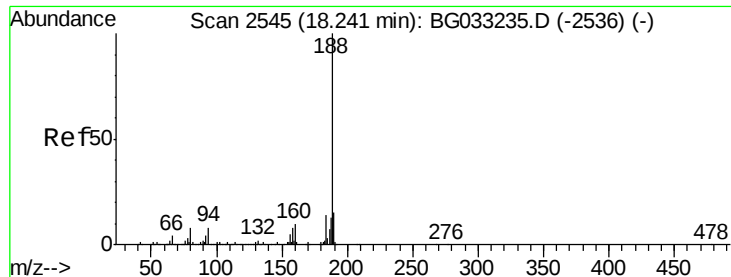
#44
 2-Fluorobiphenyl
 Concen: 105.942 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.4	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

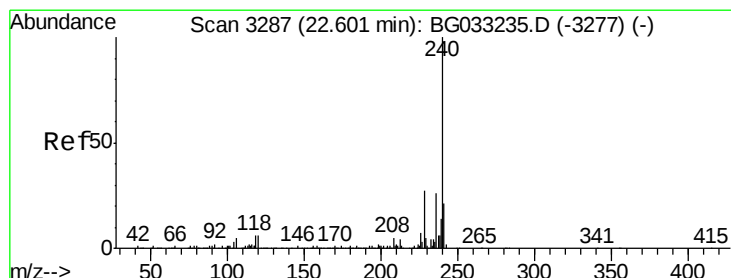
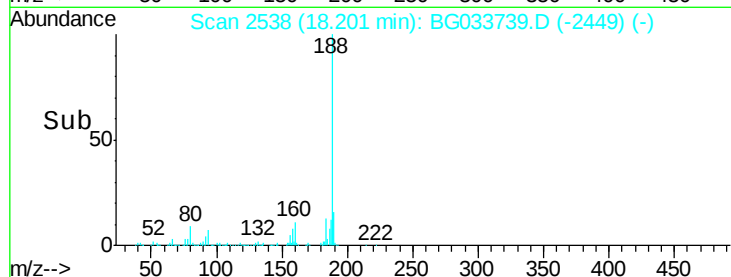
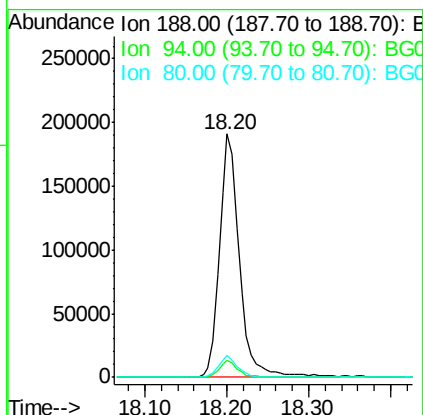
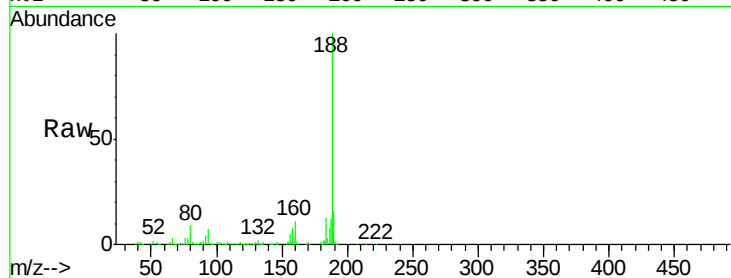




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

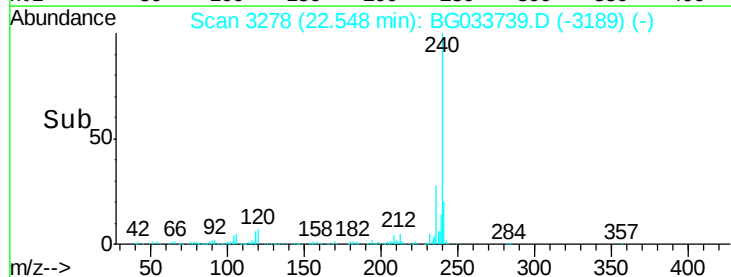
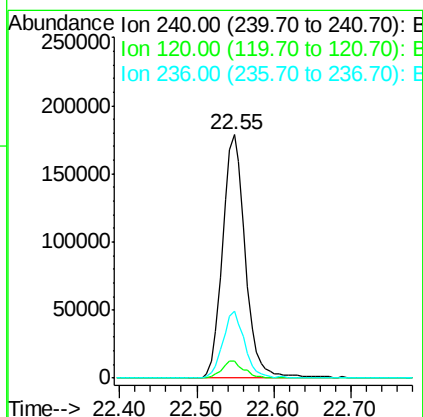
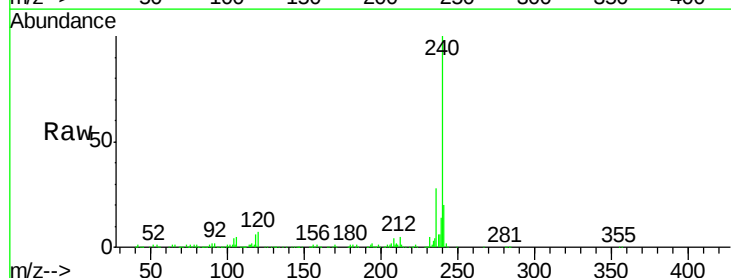
Instrument :
BNA_G
ClientSampled :
RB36275

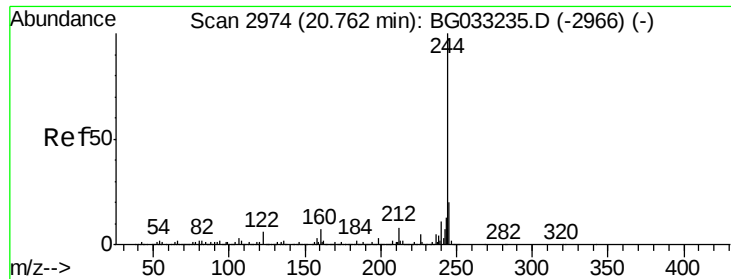
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	9.0	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	27.7	20.9	31.3





#78

Terphenyl-d14

Concen: 98.579 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Instrument :

BNA_G

ClientSampleId :

RB36275

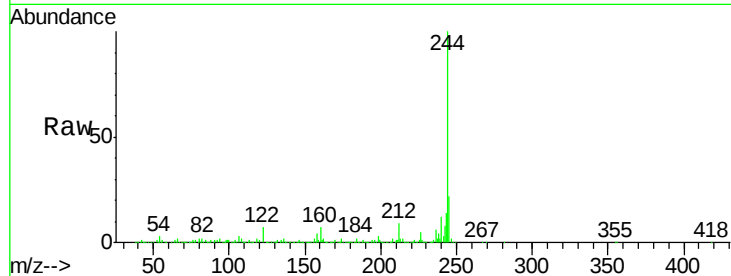
Tot Ion:244 Resp: 1687848

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

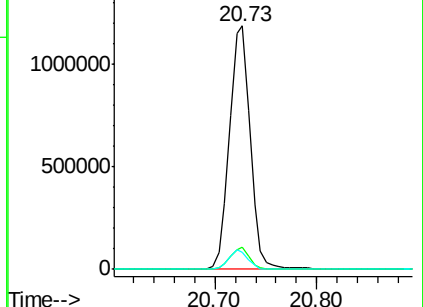
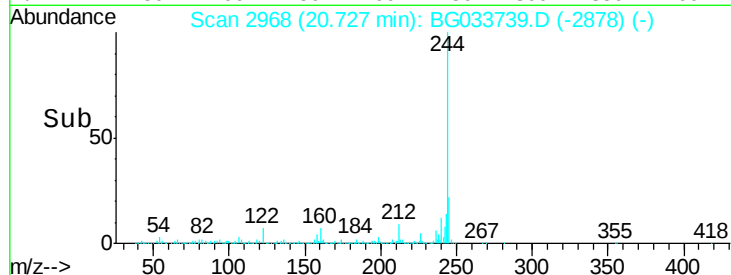
122 7.2 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

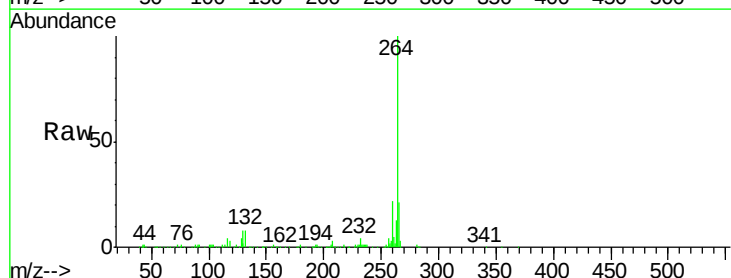
Tgt Ion:264 Resp: 361858

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.4 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

