

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033802.D
 Acq On : 13 Apr 2018 18:43
 Operator : SJ/JU
 Sample : J2163-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-C

Quant Time: Apr 14 01:47:03 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	8.85	152	27395	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	115531	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93065	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	273277	20.00	ng	0.00
75) Chrysene-d12	22.54	240	301973	20.00	ng	0.00
86) Perylene-d12	26.31	264	327739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	225910	154.63	ng	0.00
7) Phenol-d6	7.99	99	296994	118.31	ng	0.02
23) Nitrobenzene-d5	10.06	82	253353	100.75	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234071	168.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	648722	100.63	ng	0.00
78) Terphenyl-d14	20.72	244	1566284	110.93	ng	0.00

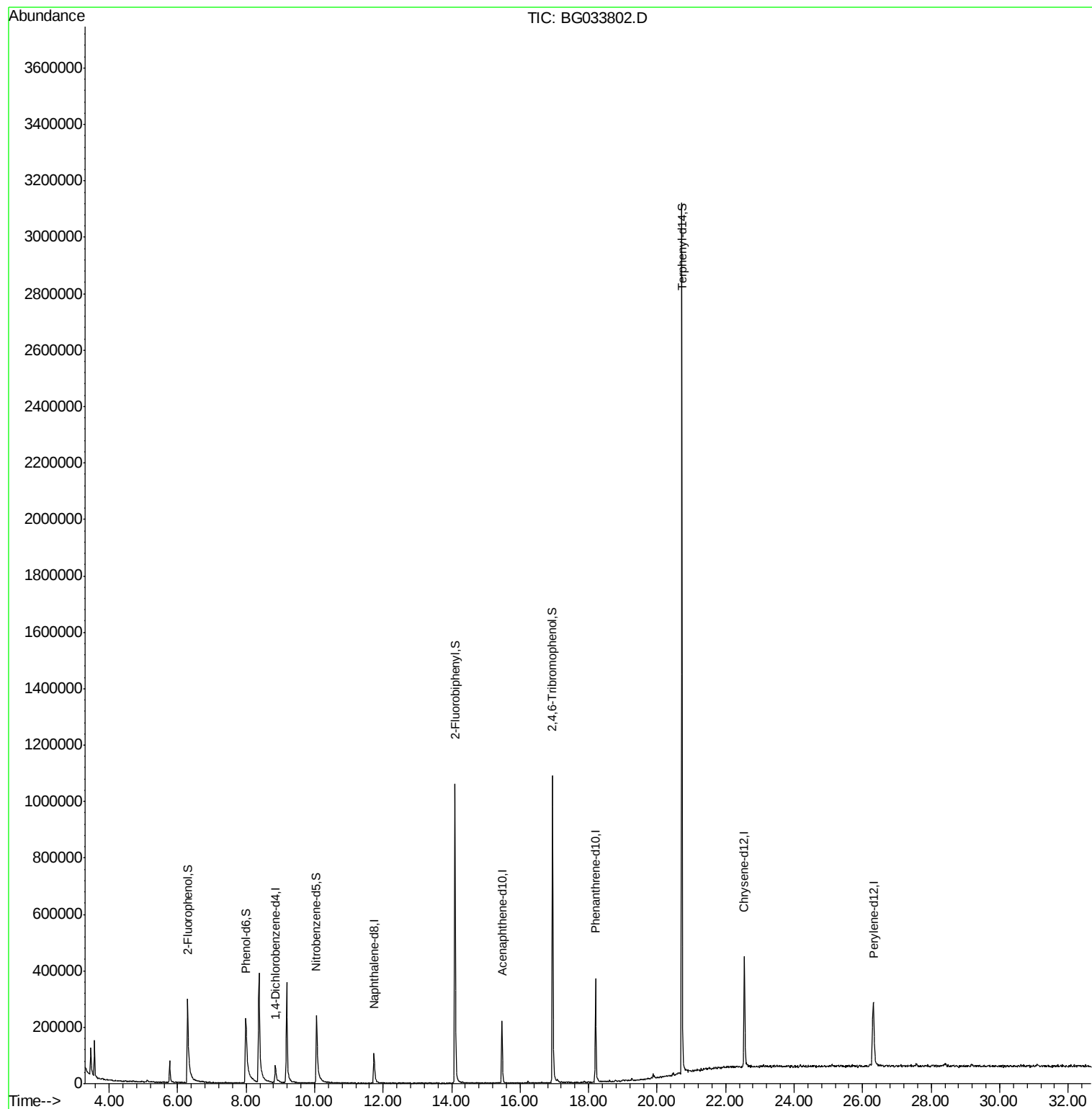
Target Compounds Qvalue

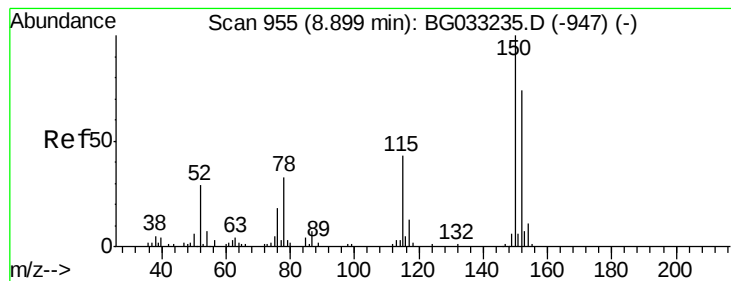
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-C

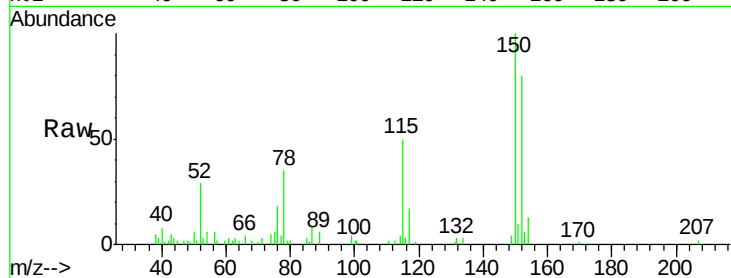
Tot Ion:152 Resp: 27395

Ion Ratio Lower Upper

152 100

150 124.5 126.6 189.8#

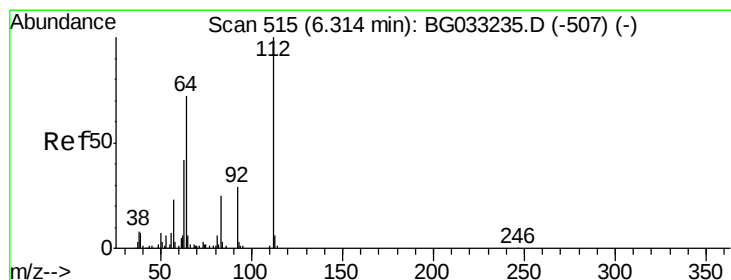
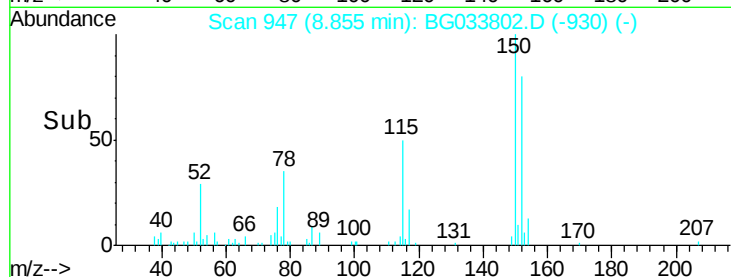
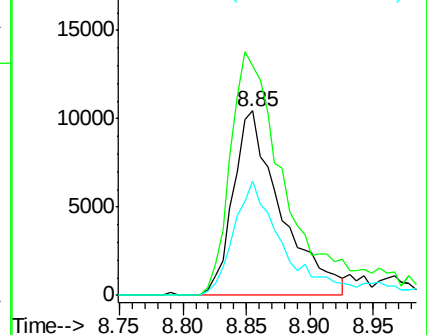
115 62.3 53.0 79.4



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: 154.630 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.01 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

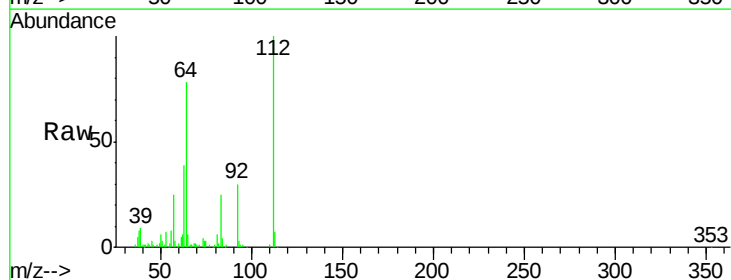
Tgt Ion:112 Resp: 225910

Ion Ratio Lower Upper

112 100

64 78.5 56.3 84.5

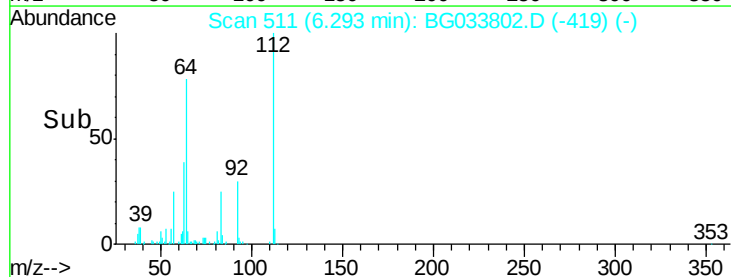
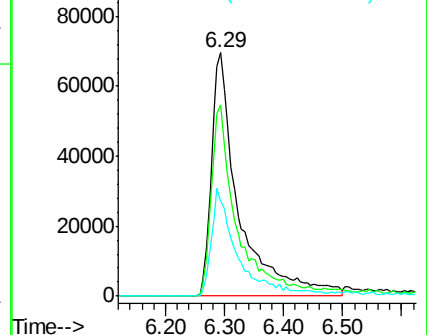
63 39.2 30.1 45.1

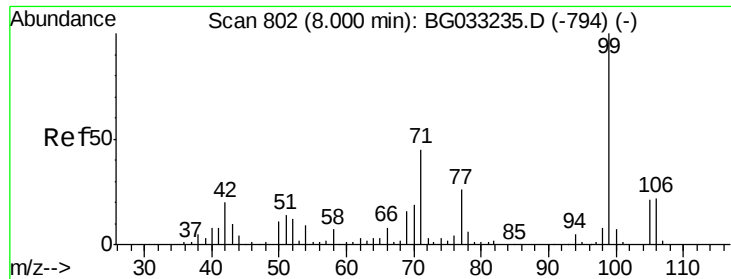


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.312 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-C

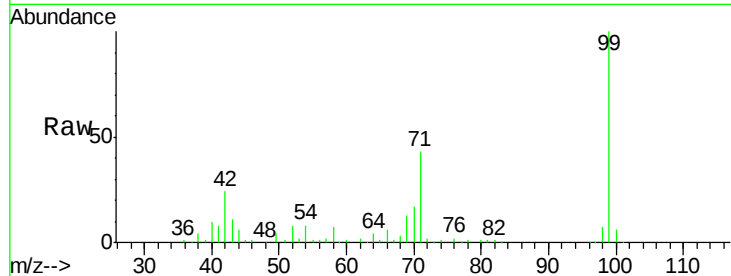
Tot Ion: 99 Resp: 296994

Ion Ratio Lower Upper

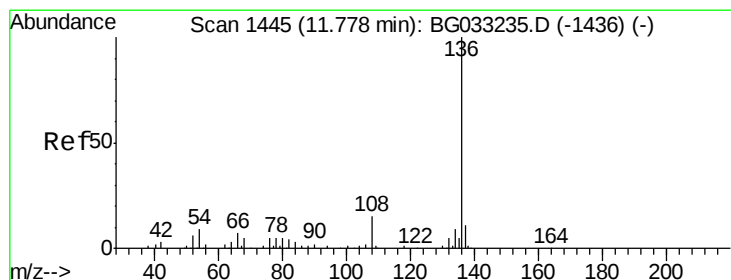
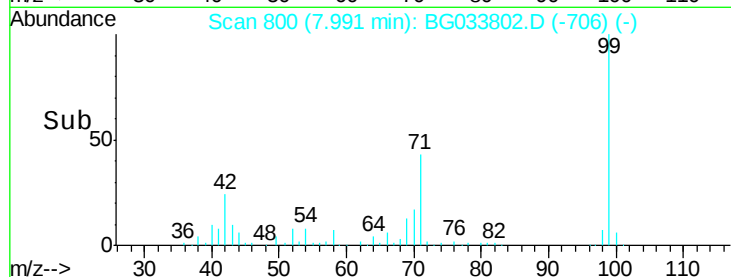
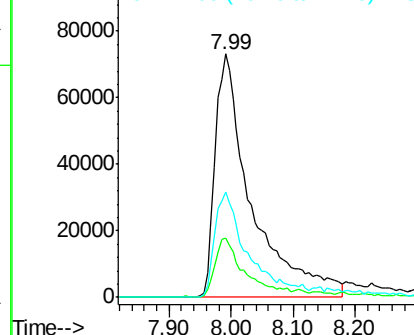
99 100

42 24.3 14.1 21.1#

71 43.1 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Tgt Ion: 136 Resp: 115531

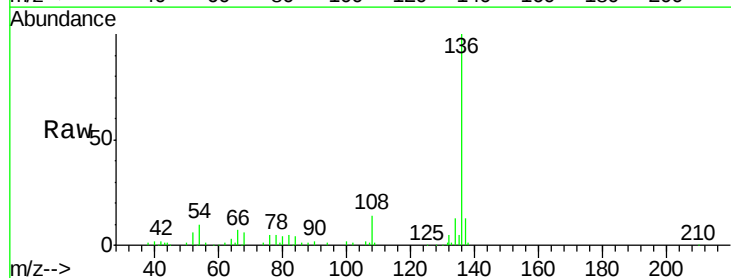
Ion Ratio Lower Upper

136 100

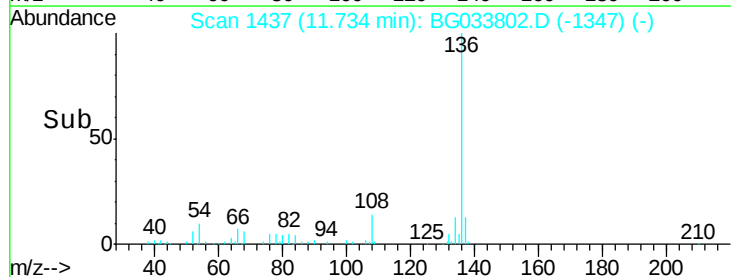
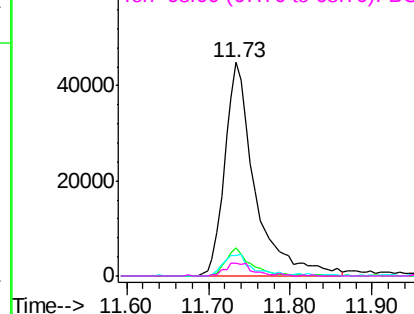
137 13.3 9.2 13.8

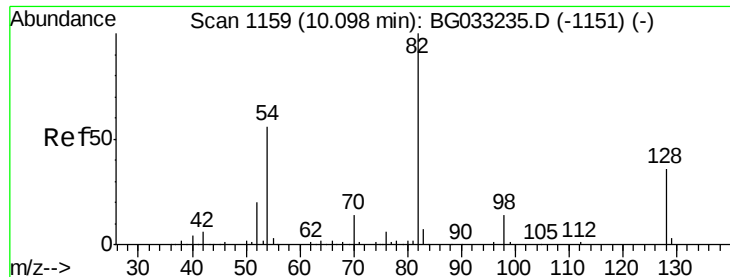
54 9.6 10.3 15.5#

68 6.2 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

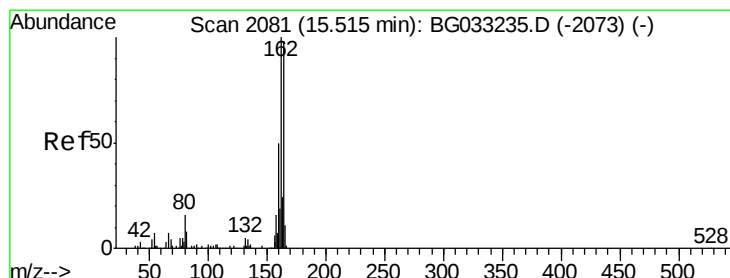
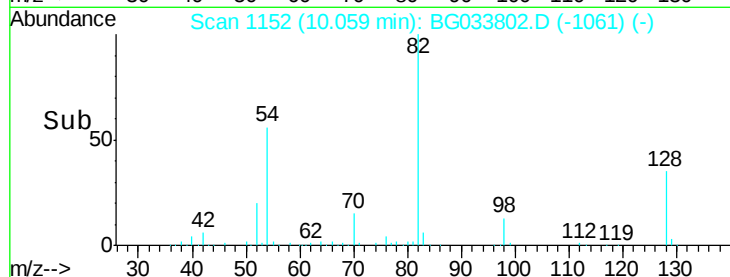
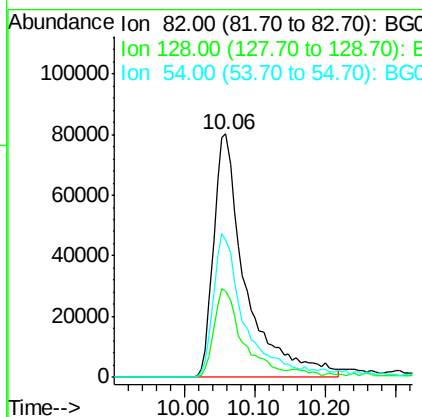
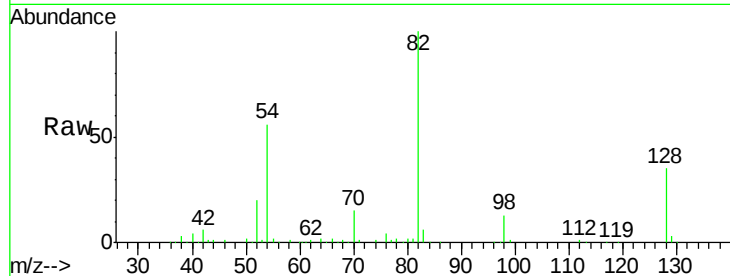




#23
 Nitrobenzene-d5
 Concen: 100.753 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

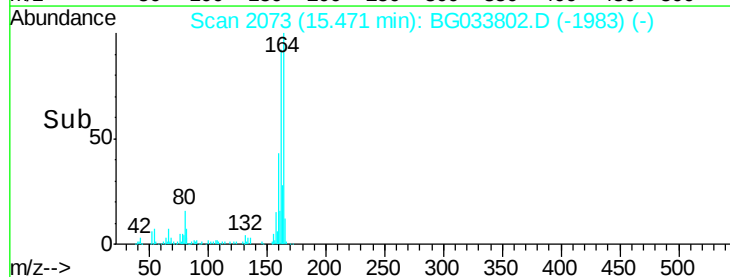
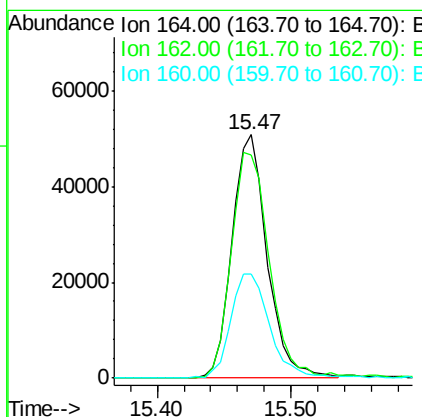
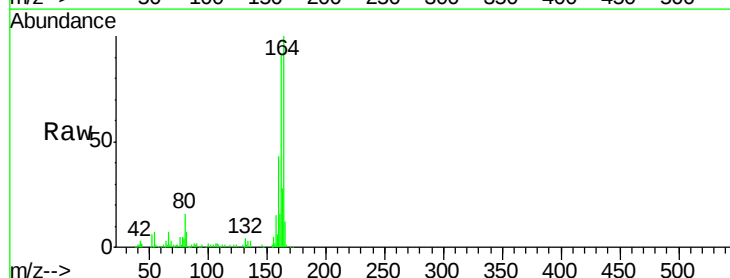
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-C

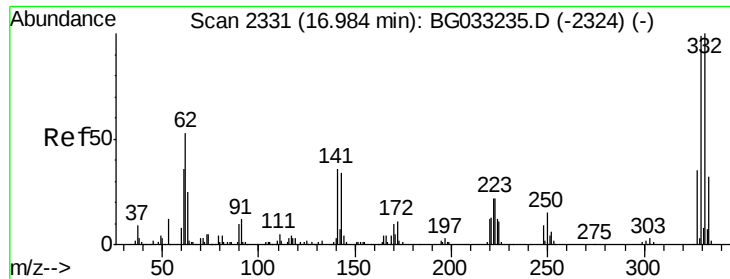
Tot Ion: 82 Resp: 253353
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 56.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Tgt Ion: 164 Resp: 93065
 Ion Ratio Lower Upper
 164 100
 162 91.5 78.8 118.2
 160 43.0 35.4 53.0

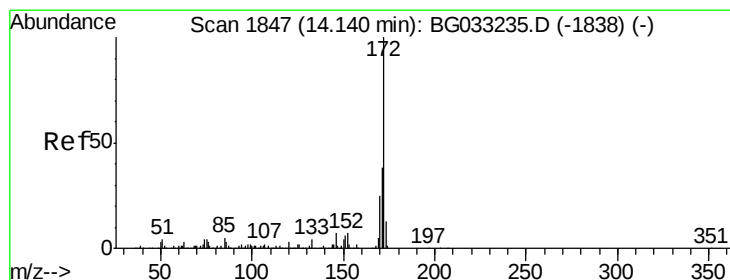
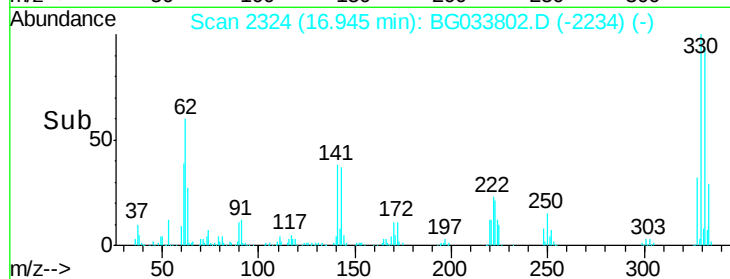
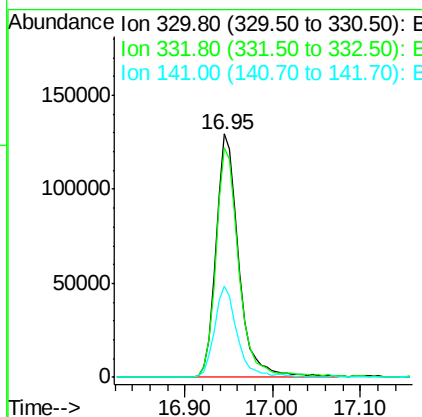
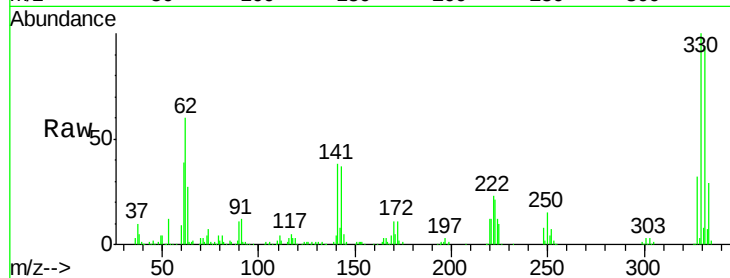




#41
 2,4,6-Tribromophenol
 Concen: 168.167 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

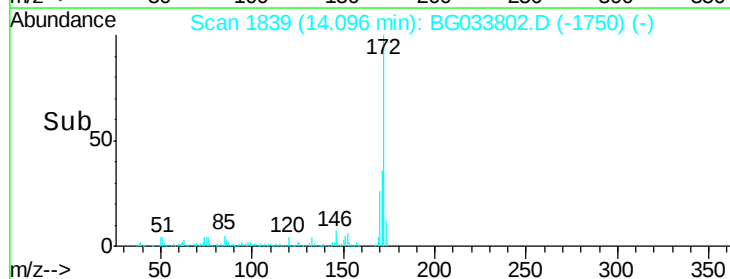
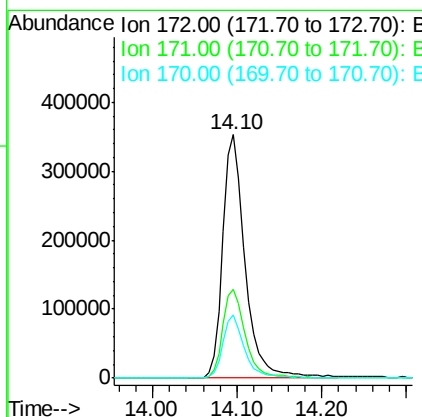
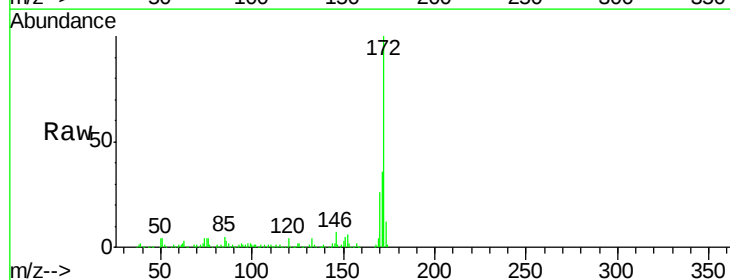
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-C

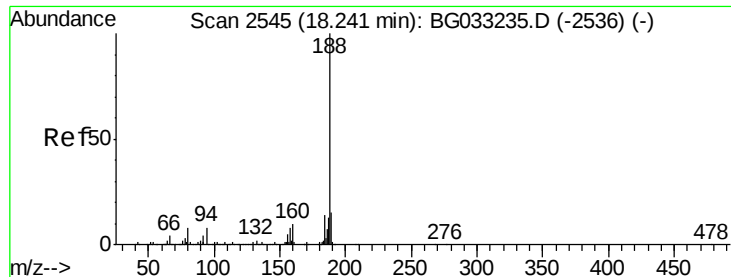
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 100.630 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	25.8	19.5	29.3

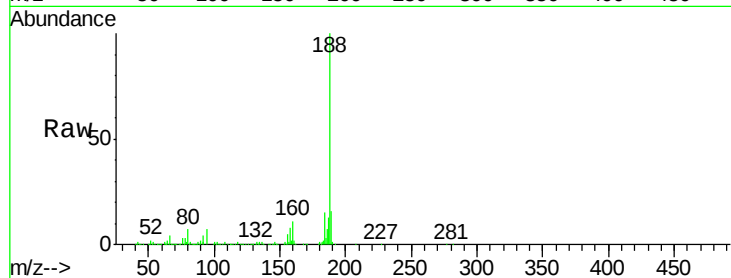




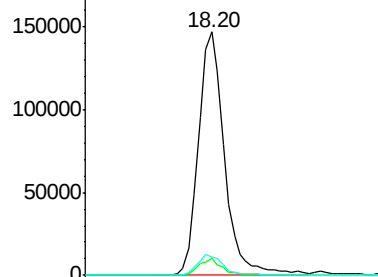
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-C

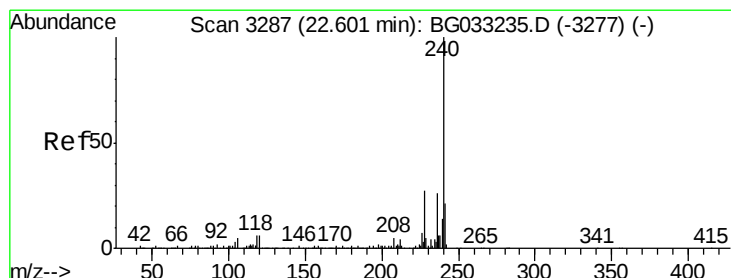
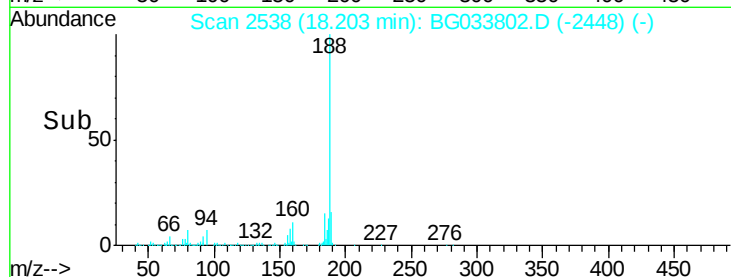
Tot Ion:188 Resp: 273277
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.5 7.7 11.5#



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

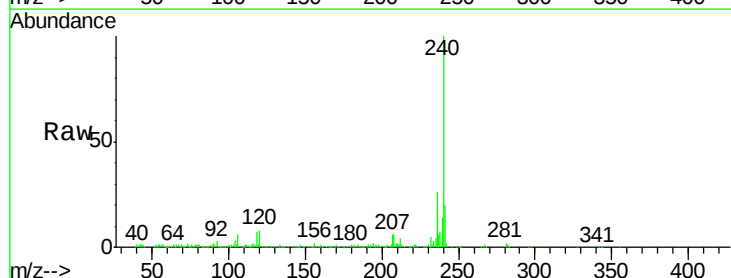


Time--> 18.10 18.20 18.30

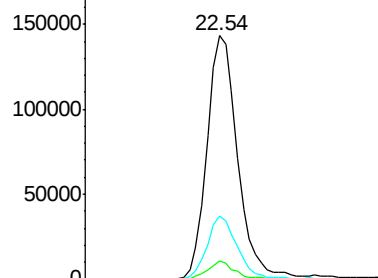


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

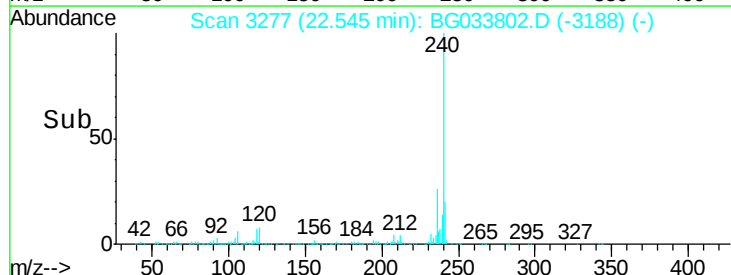
Tgt Ion:240 Resp: 301973
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 25.9 20.9 31.3

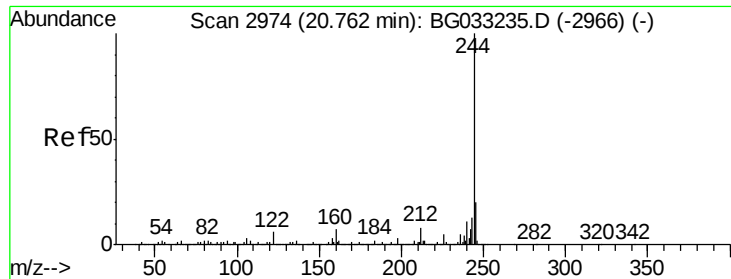


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60





#78

Terphenyl-d14

Concen: 110.926 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-C

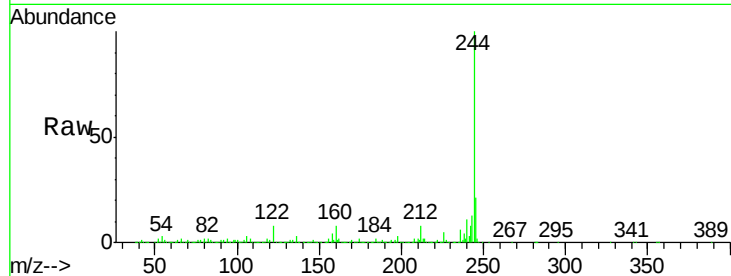
Tot Ion:244 Resp: 1566284

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

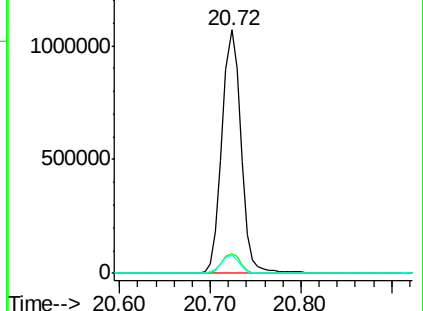
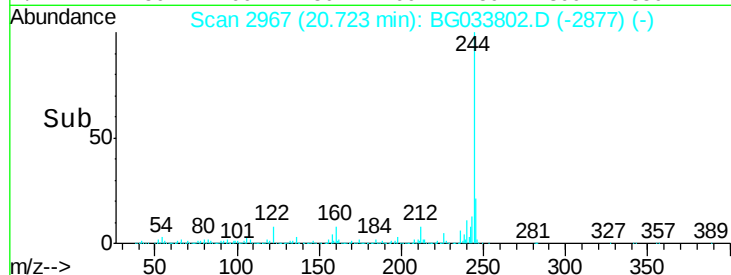
122 7.7 7.0 10.4



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: BG033802.D

Acq: 13 Apr 2018 18:43

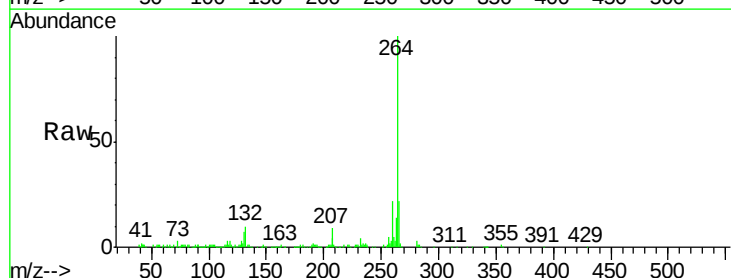
Tgt Ion:264 Resp: 327739

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 21.6 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

