

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033803.D
 Acq On : 13 Apr 2018 19:21
 Operator : SJ/JU
 Sample : J2163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 14 01:49:25 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	27422	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	119845	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92959	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	296840	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325273	20.00	ng	0.00
86) Perylene-d12	26.31	264	346250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	221110	151.20	ng	0.00
7) Phenol-d6	7.99	99	313838	124.90	ng	0.02
23) Nitrobenzene-d5	10.05	82	251933	96.58	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	245112	176.30	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	672419	104.43	ng	0.00
78) Terphenyl-d14	20.72	244	1619017	106.45	ng	0.00

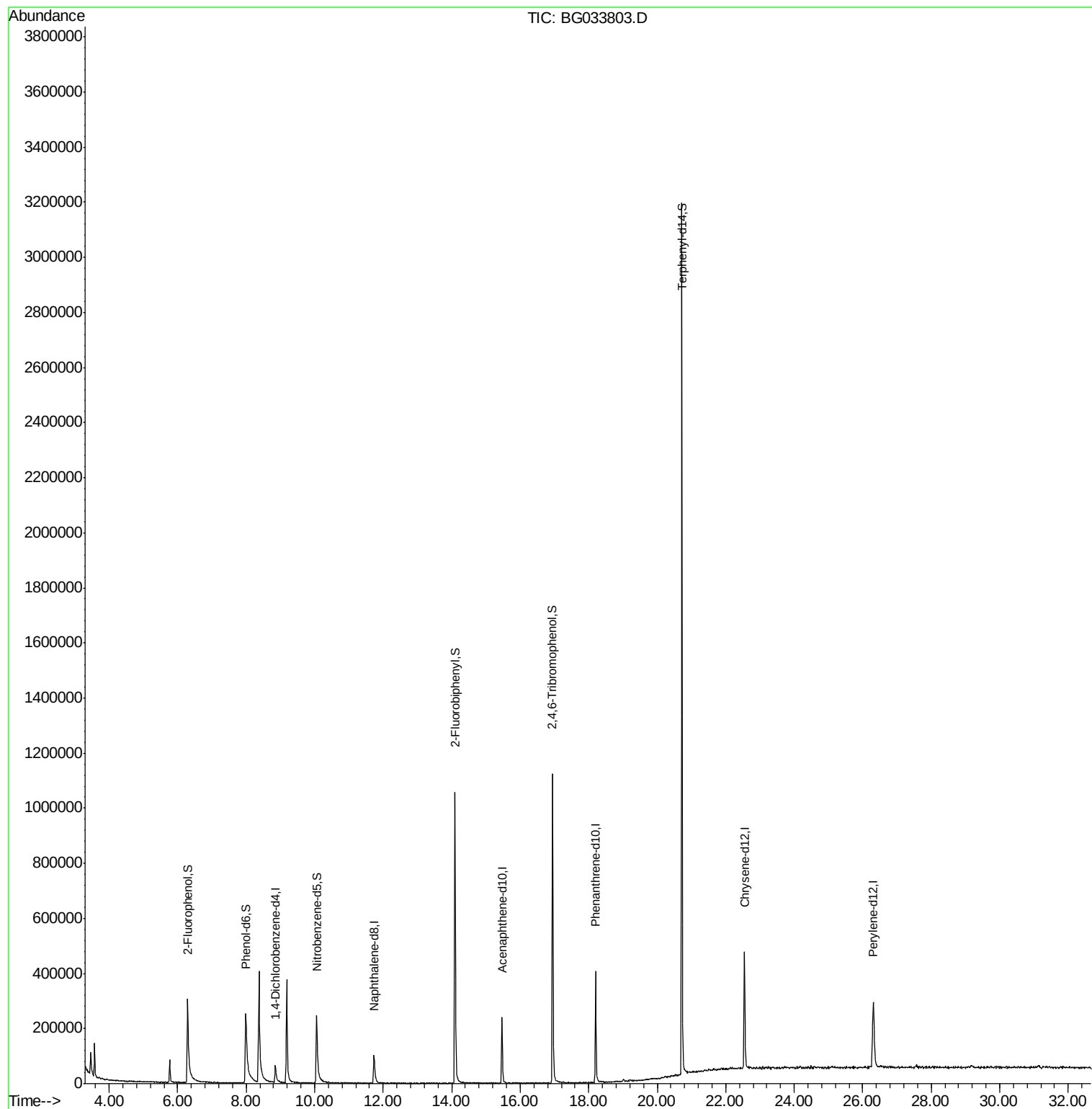
Target Compounds Qvalue

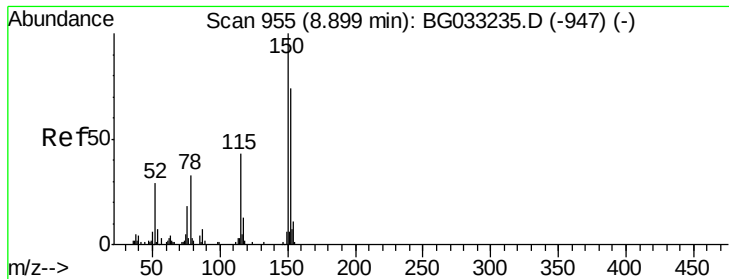
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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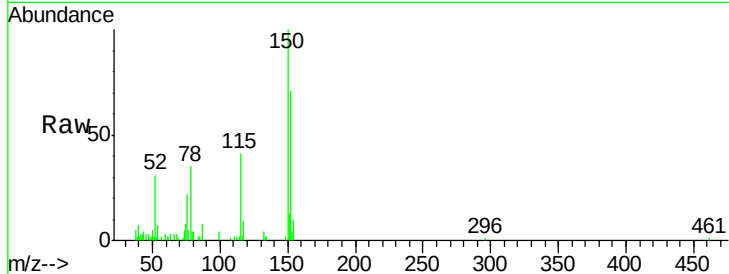


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.5	126.6	189.8
115	57.2	53.0	79.4

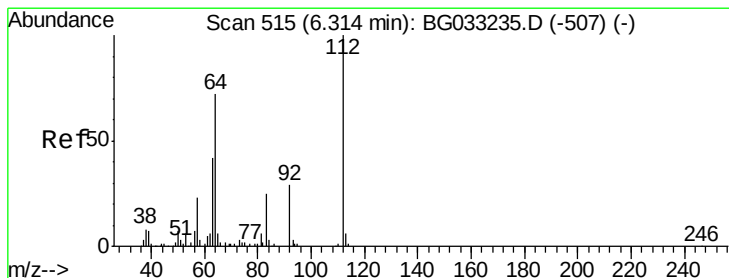
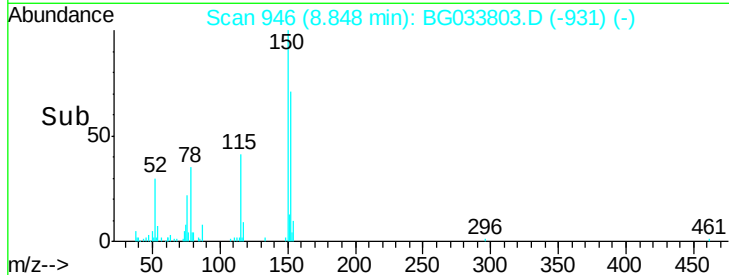
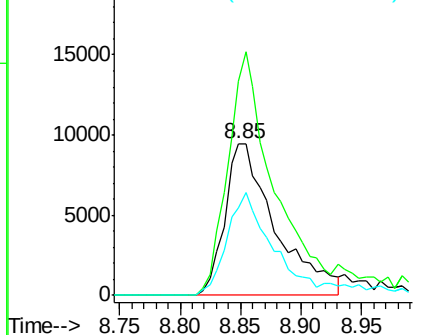


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

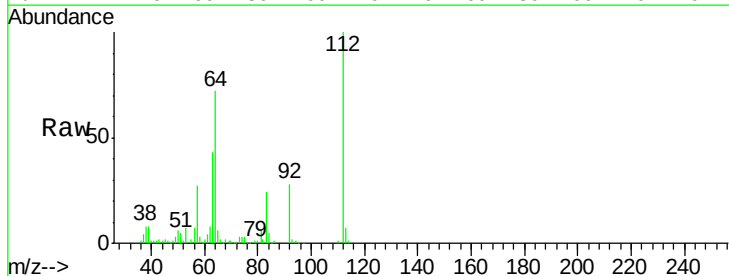
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.195 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.3	84.5
63	43.2	30.1	45.1

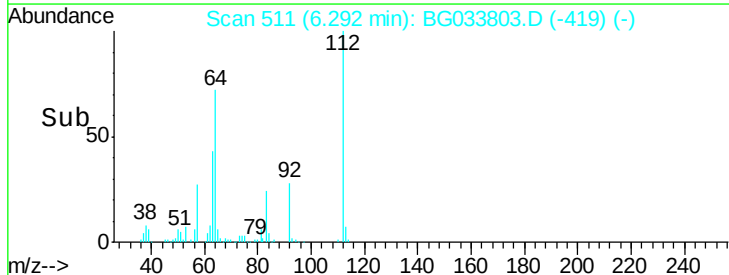
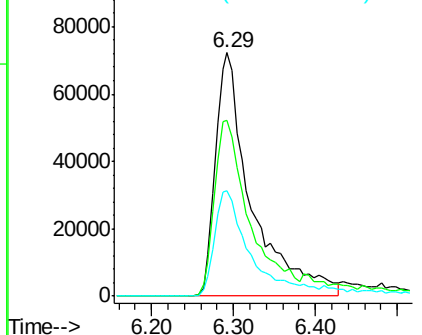


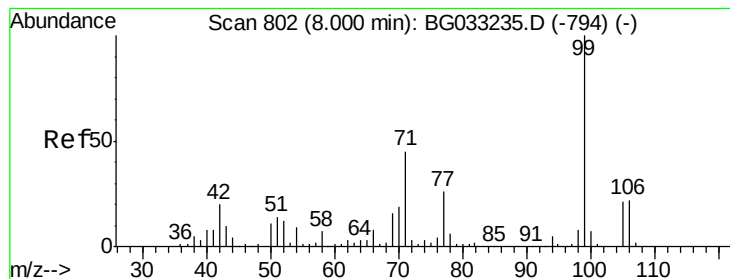
Abundance

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: 124.899 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-D

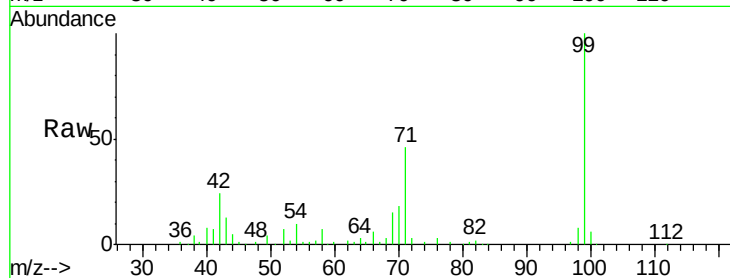
Tot Ion: 99 Resp: 313838

Ion Ratio Lower Upper

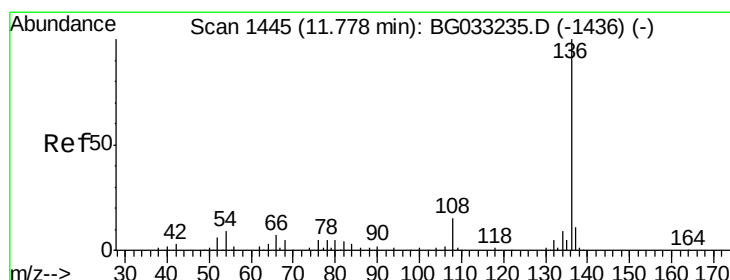
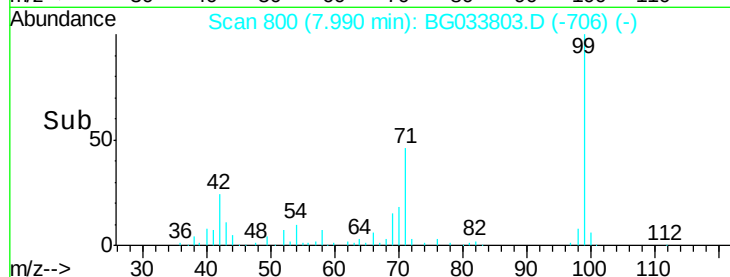
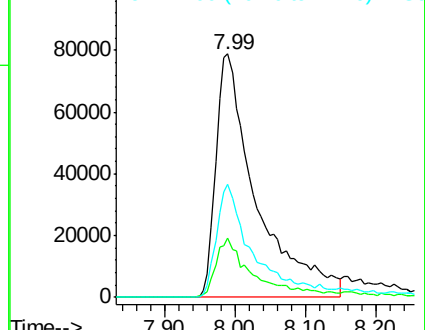
99 100

42 24.3 14.1 21.1#

71 46.3 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: BG033803.D

Acq: 13 Apr 2018 19:21

Tgt Ion: 136 Resp: 119845

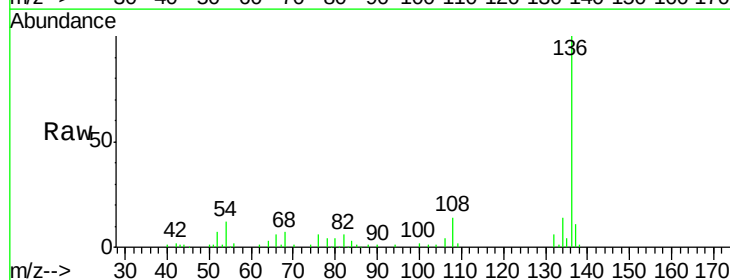
Ion Ratio Lower Upper

136 100

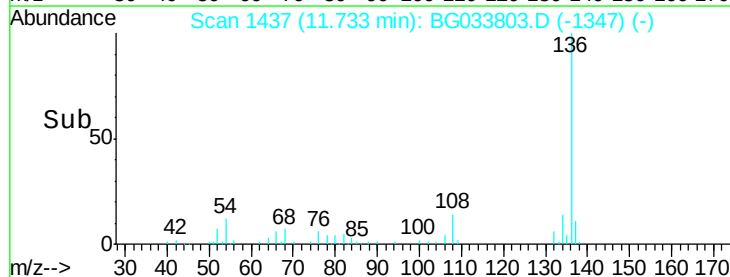
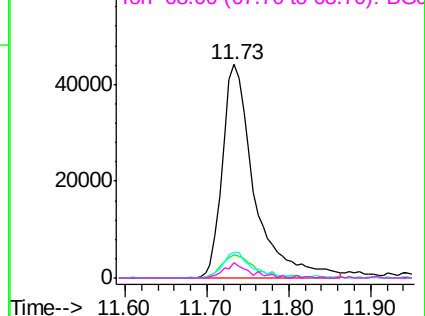
137 10.6 9.2 13.8

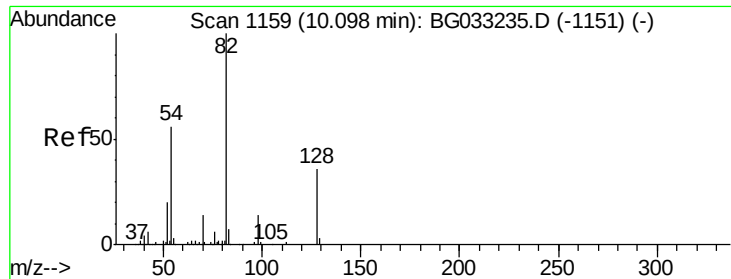
54 12.1 10.3 15.5

68 7.4 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

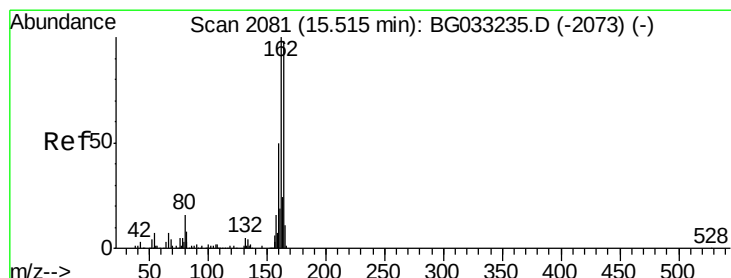
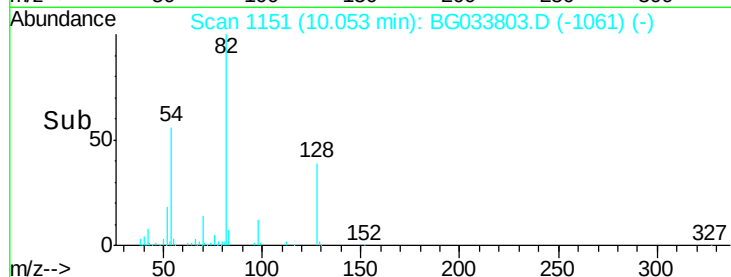
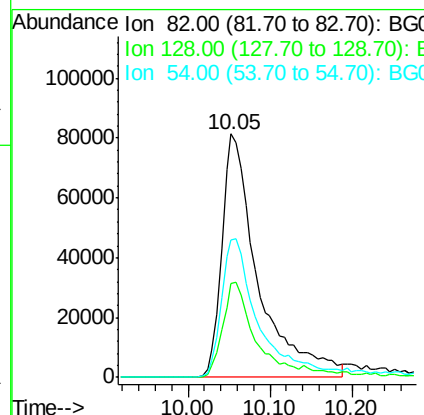
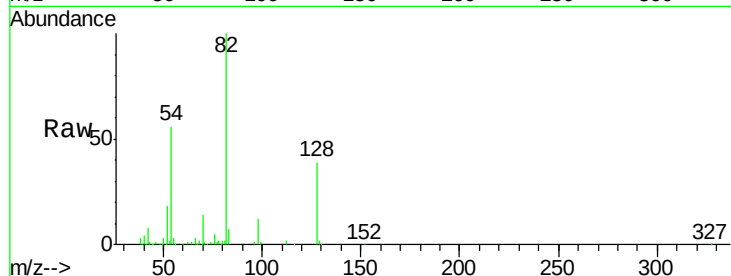




#23
 Nitrobenzene-d5
 Concen: 96.582 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

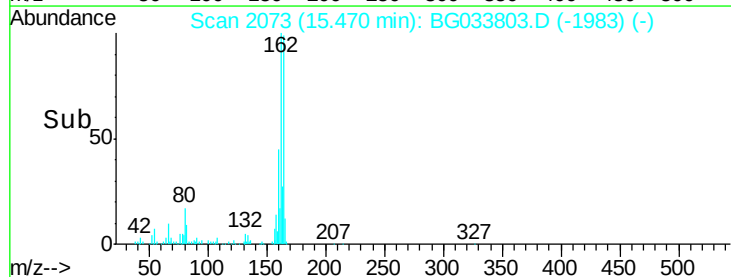
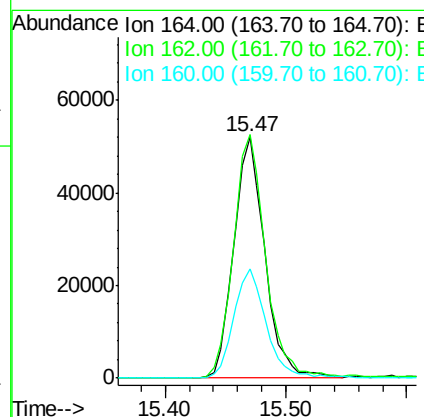
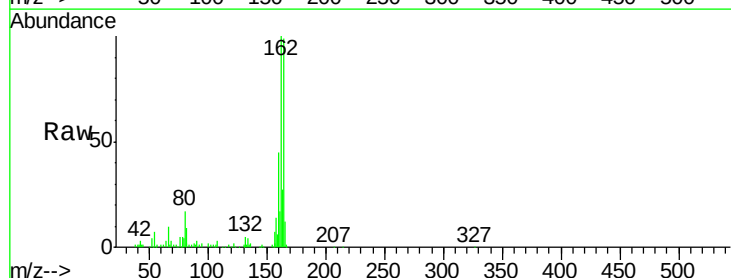
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-D

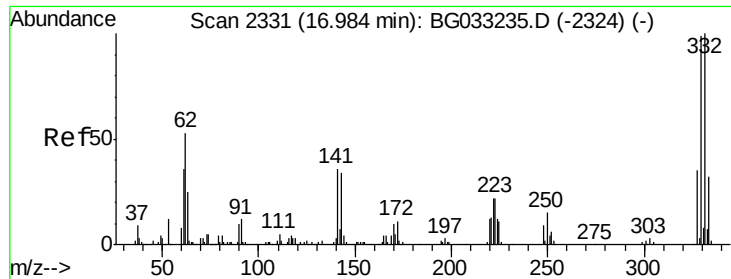
Tot Ion	82	Resp	251933
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.7	44.5
54	56.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

Tgt Ion	164	Resp	92959
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.8	118.2
160	45.2	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 176.300 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-D

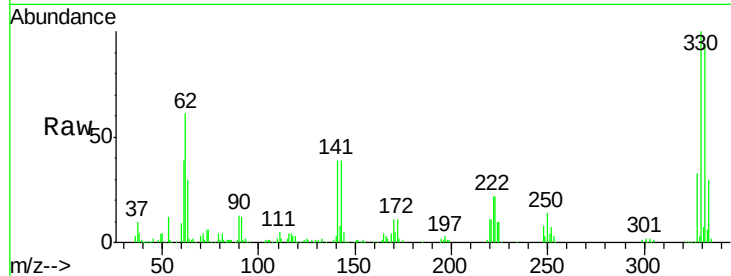
Tot Ion:330 Resp: 245112

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

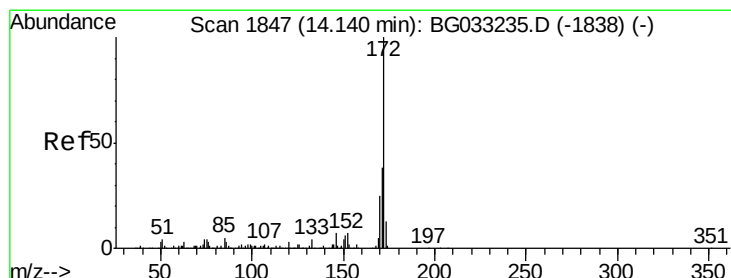
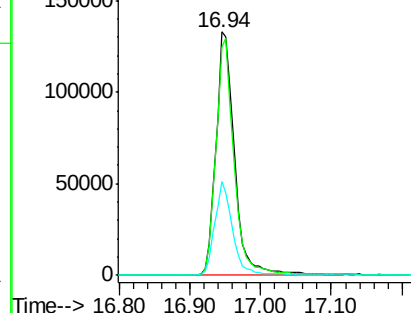
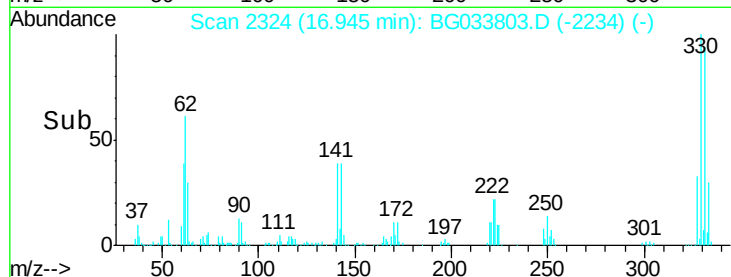
141 36.8 25.2 37.8



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: 104.425 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

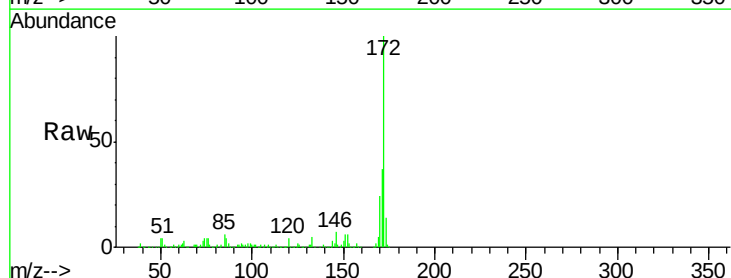
Tgt Ion:172 Resp: 672419

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

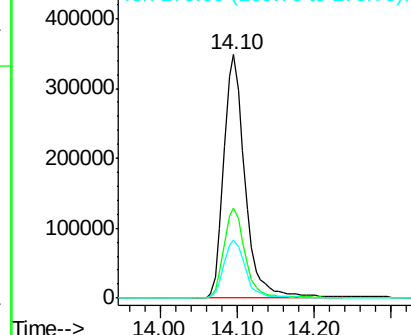
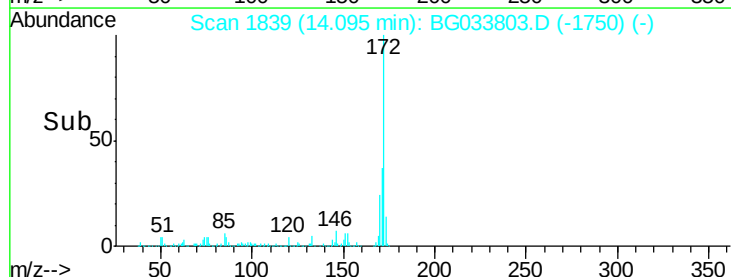
170 24.0 19.5 29.3

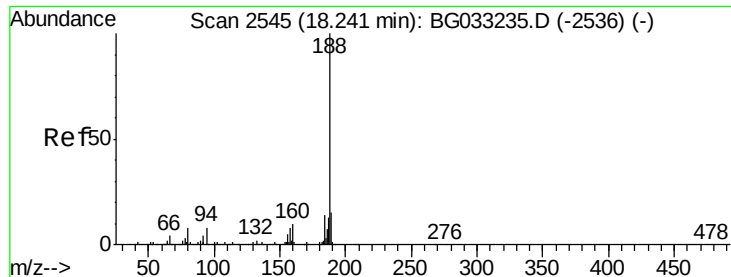


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

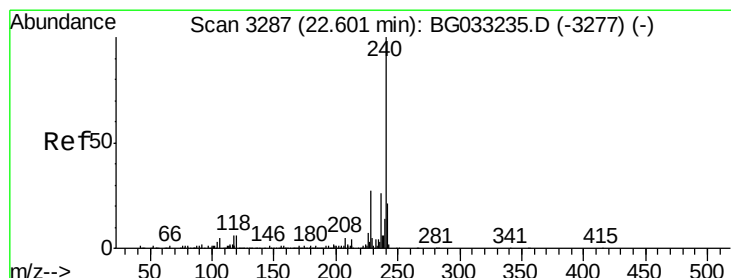
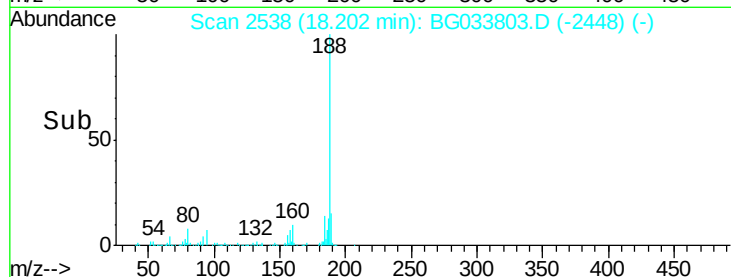
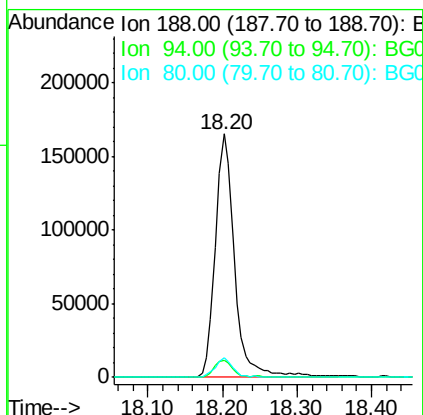
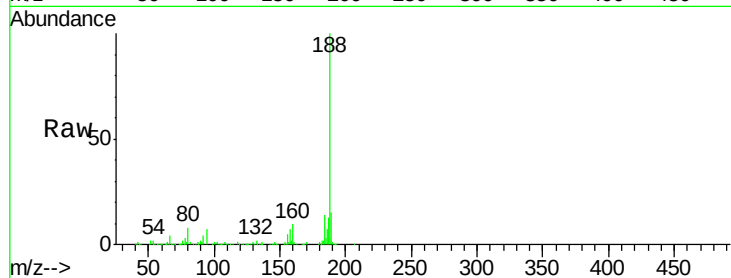




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

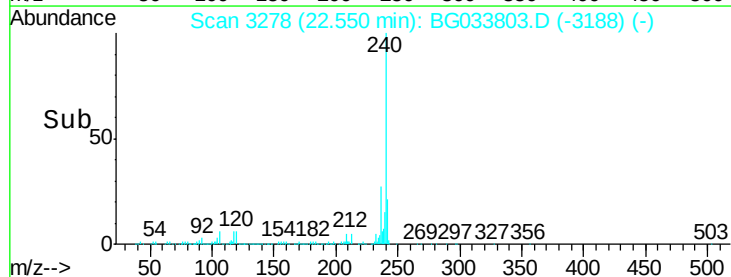
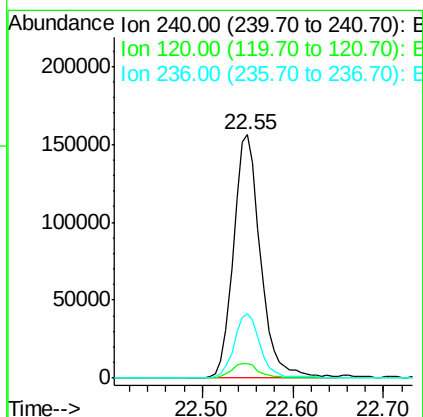
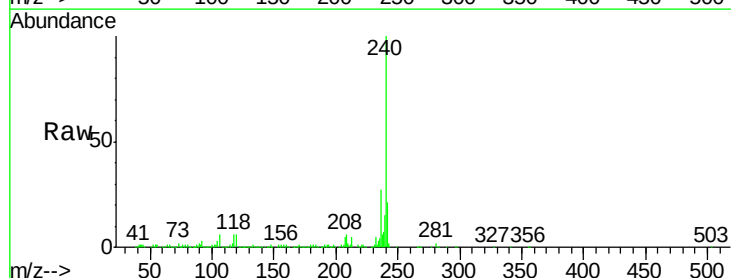
Instrument :
BNA_G
ClientSampleId :
PL-01-041118-D

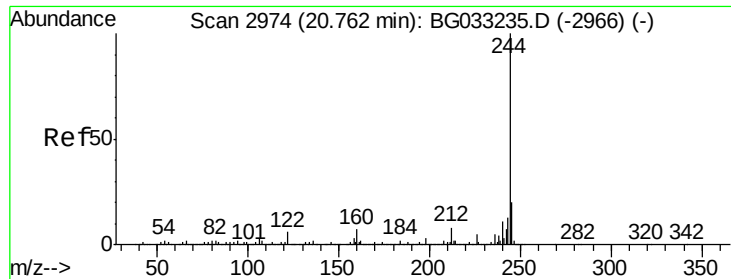
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.7	20.9	31.3





#78

Terphenyl-d14

Concen: 106.447 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-D

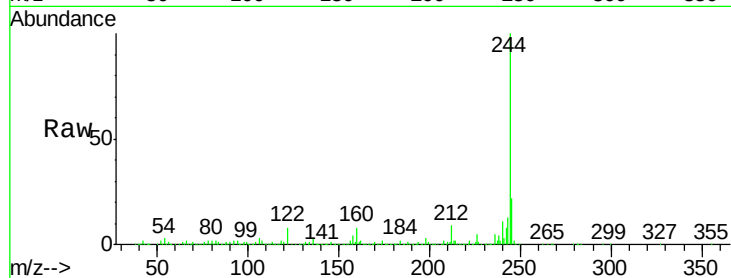
Tot Ion:244 Resp: 1619017

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

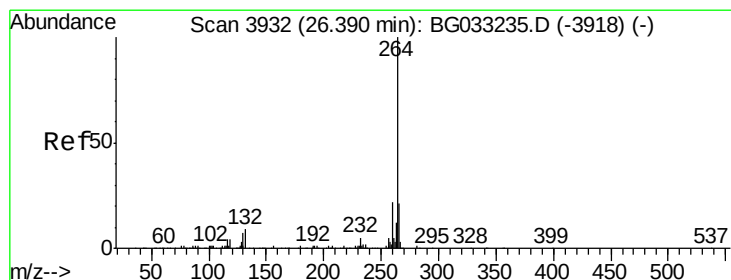
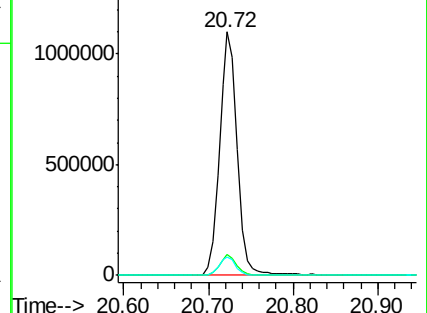
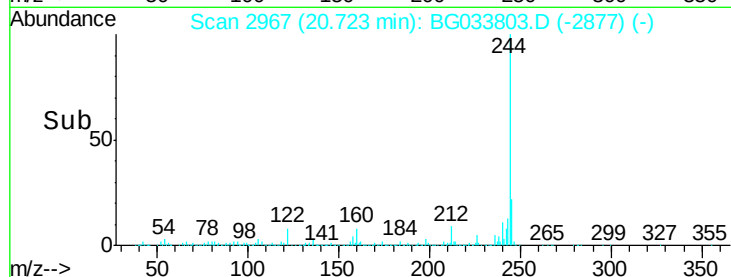
122 7.6 7.0 10.4



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: BG033803.D

Acq: 13 Apr 2018 19:21

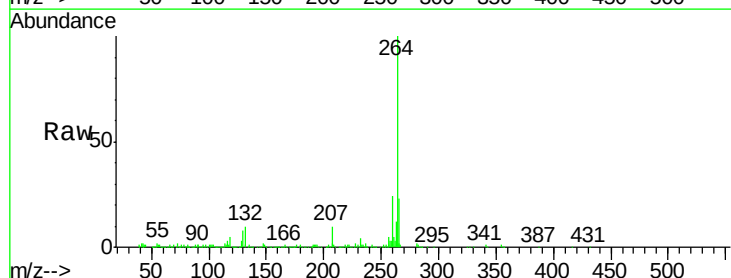
Tgt Ion:264 Resp: 346250

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.6 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

