

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033513.D
 Acq On : 3 Apr 2018 7:16
 Operator : SJ/JU
 Sample : PB107894BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BL

Quant Time: Apr 03 08:00:30 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	35238	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146413	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121926	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341994	20.00	ng	0.00
75) Chrysene-d12	22.55	240	359618	20.00	ng	0.00
86) Perylene-d12	26.33	264	375014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	322593	171.66	ng	0.00
7) Phenol-d6	7.98	99	491129	152.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	309238	97.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	254340	139.48	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	778826	92.21	ng	0.00
78) Terphenyl-d14	20.73	244	1576453	93.75	ng	0.00

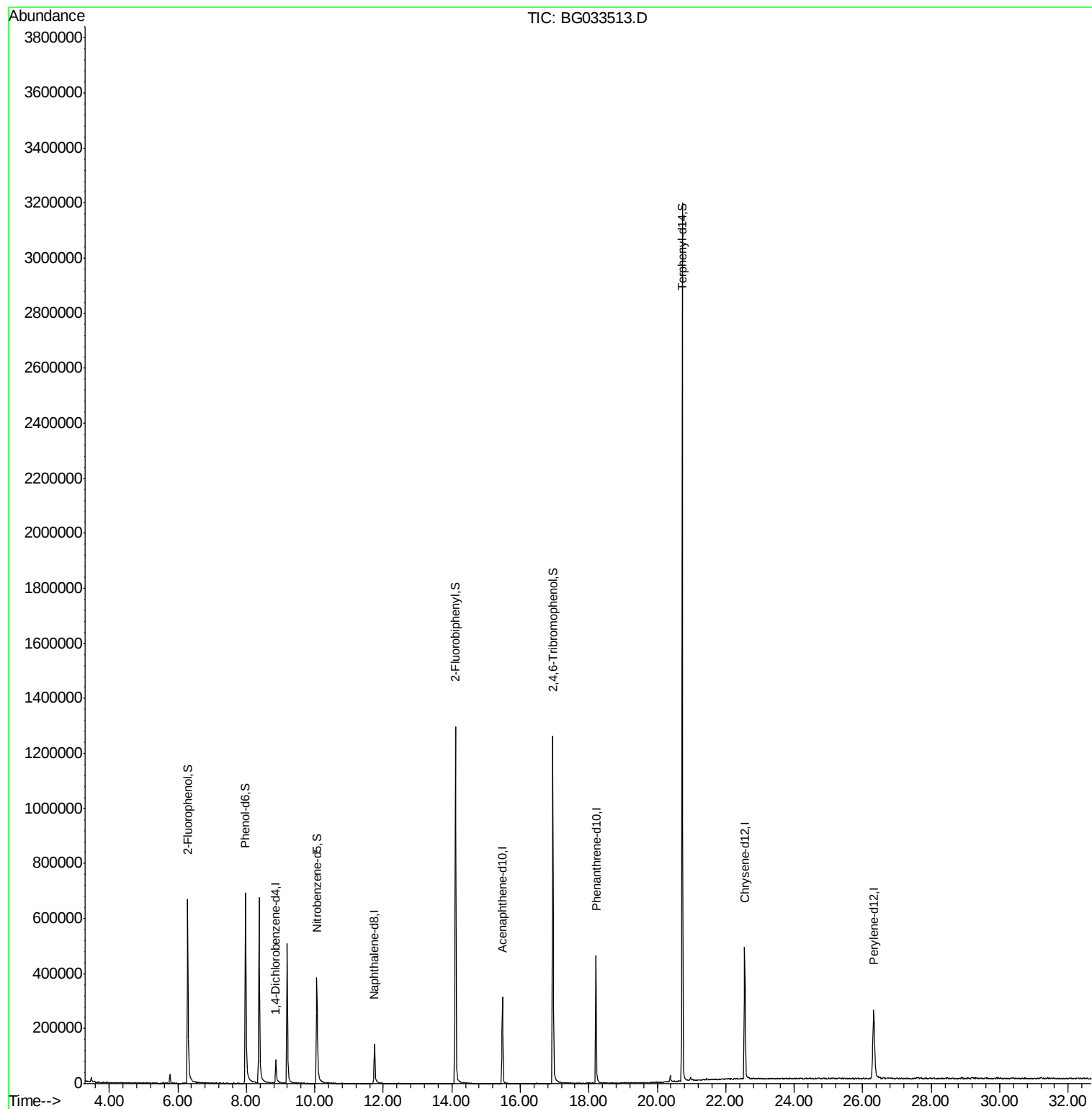
Target Compounds Qvalue

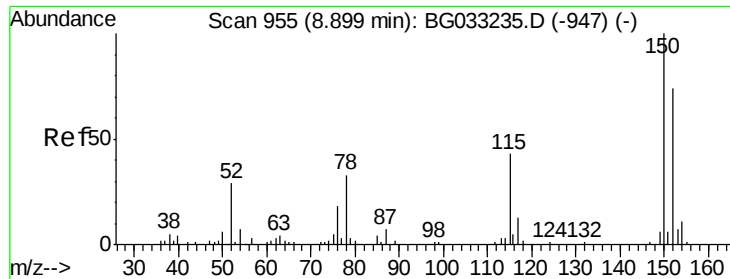
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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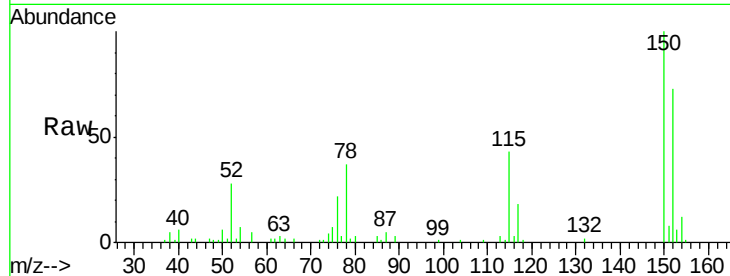


#1

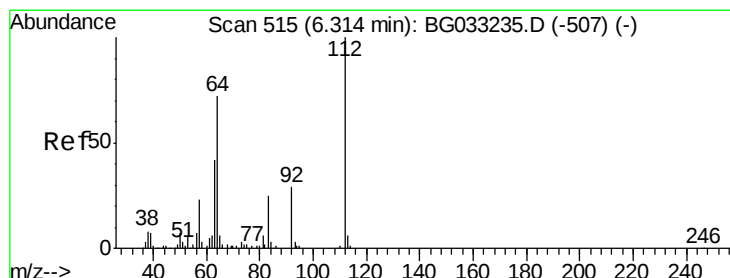
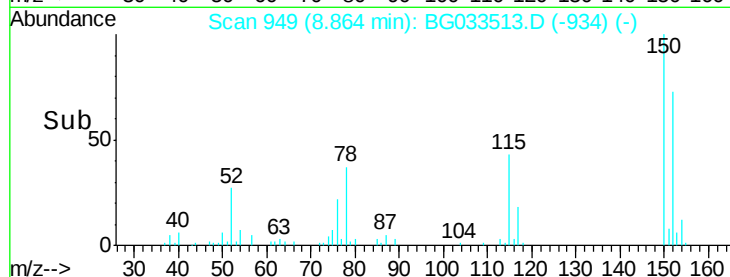
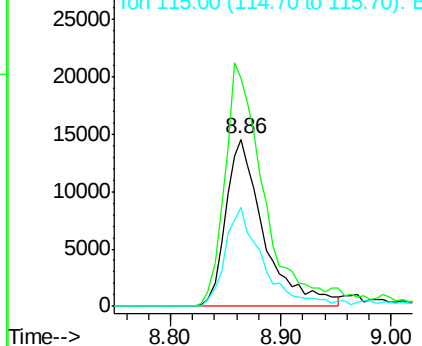
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Instrument :
BNA_G
ClientSampleId :
PB107894BL

Tot Ion:152 Resp: 35238
Ion Ratio Lower Upper
152 100
150 136.7 126.6 189.8
115 59.0 53.0 79.4



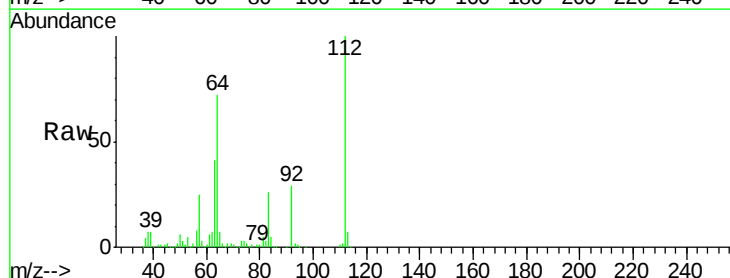
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



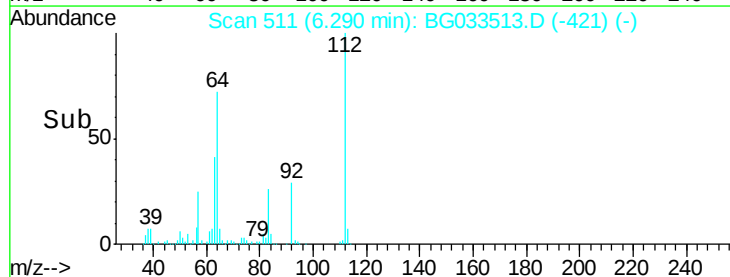
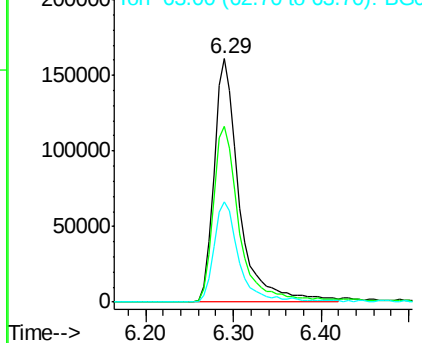
#5

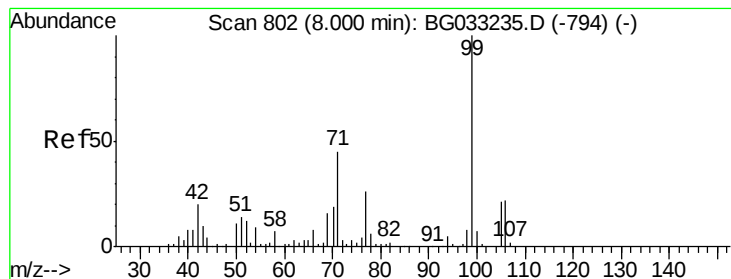
2-Fluorophenol
Concen: 171.661 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Tgt Ion:112 Resp: 322593
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 41.2 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: 152.103 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PB107894BL

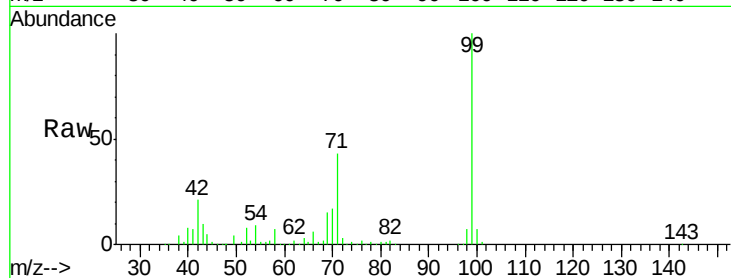
Tot Ion: 99 Resp: 491129

Ion Ratio Lower Upper

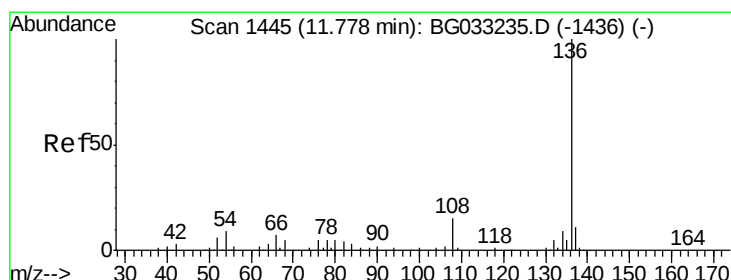
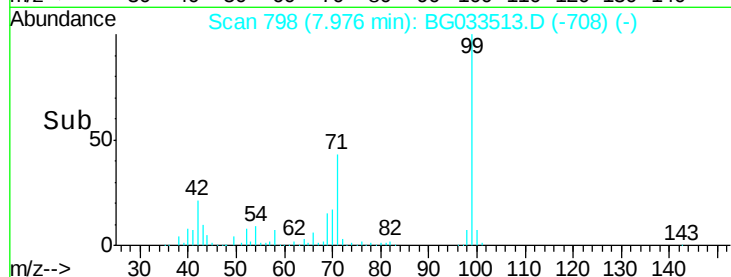
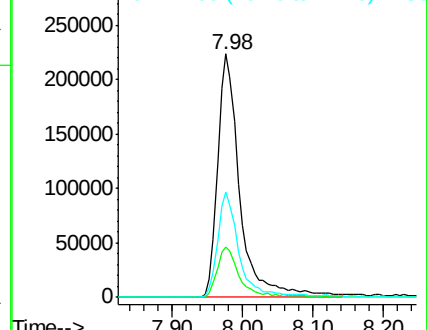
99 100

42 20.9 14.1 21.1

71 43.2 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# 1439

Delta R.T. -0.01 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Tgt Ion: 136 Resp: 146413

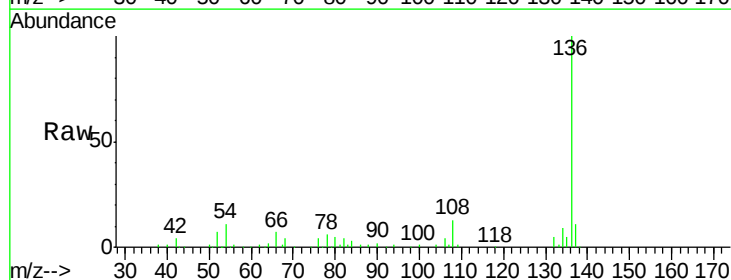
Ion Ratio Lower Upper

136 100

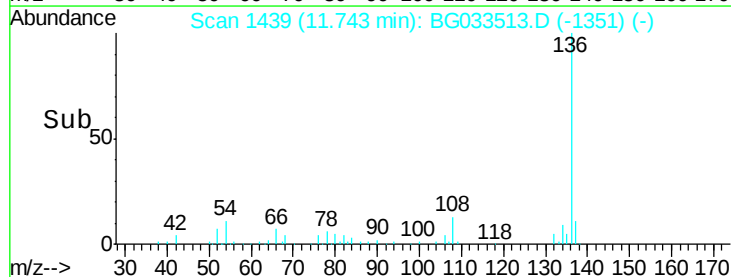
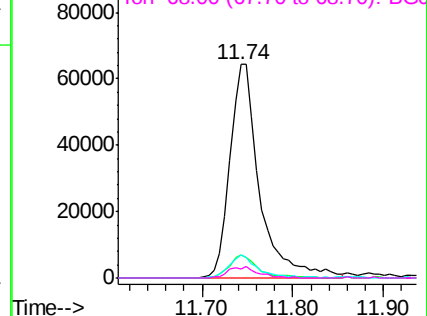
137 11.0 9.2 13.8

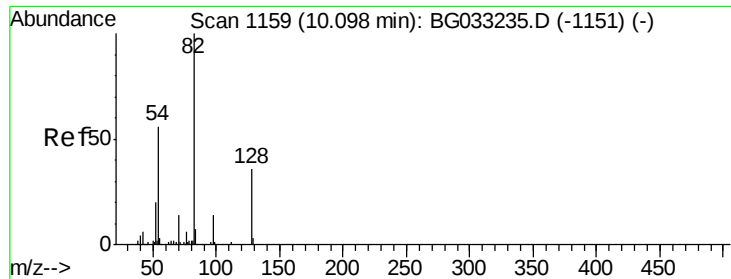
54 10.9 10.3 15.5

68 4.1 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

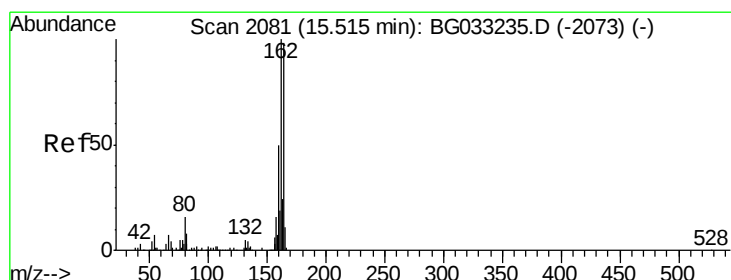
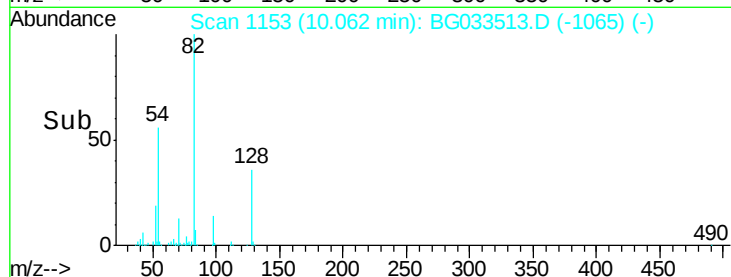
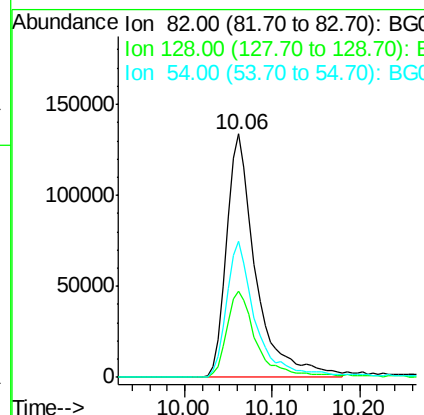
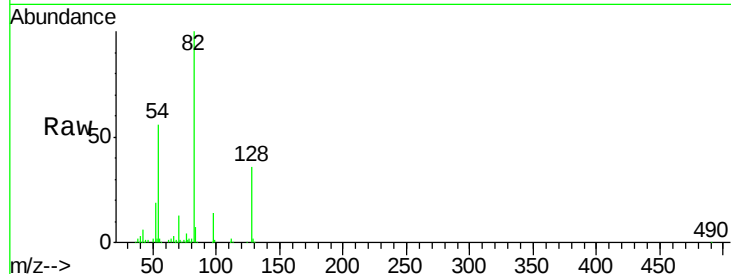




#23
 Nitrobenzene-d5
 Concen: 97.038 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

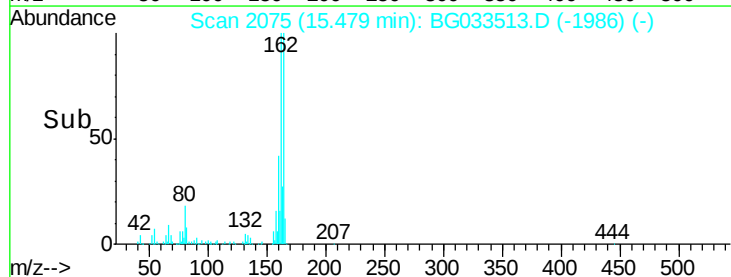
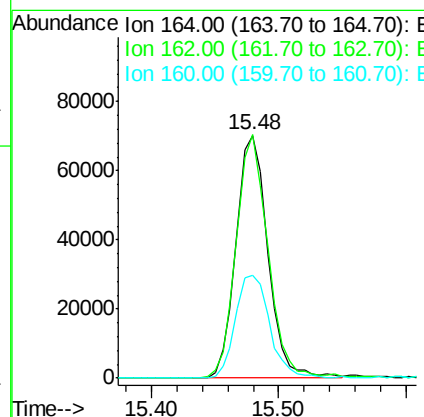
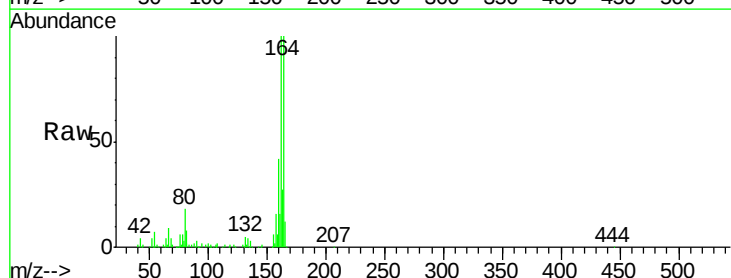
Instrument :
 BNA_G
 ClientSampleId :
 PB107894BL

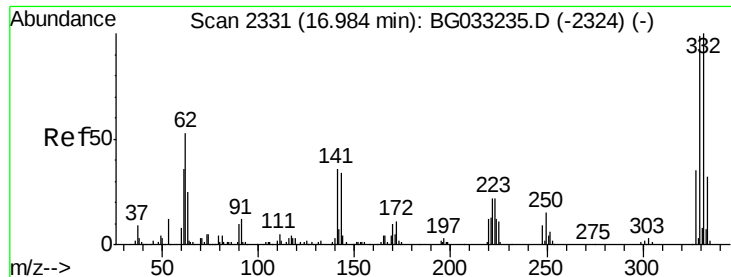
Tot Ion	82	Resp	309238
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.7	44.5
54	55.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

Tgt Ion	164	Resp	121926
Ion Ratio	Lower	Upper	
164	100		
162	100.3	78.8	118.2
160	42.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 139.476 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PB107894BL

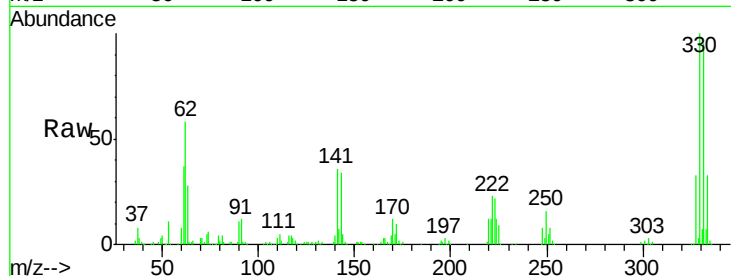
Tot Ion:330 Resp: 254340

Ion Ratio Lower Upper

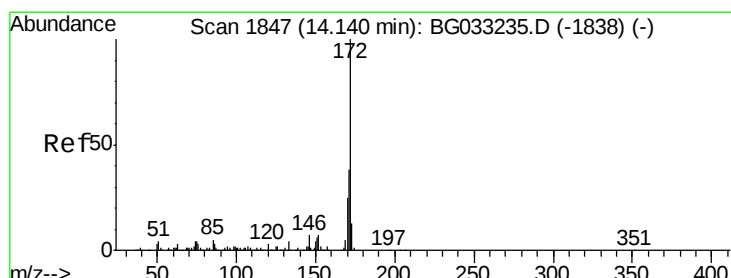
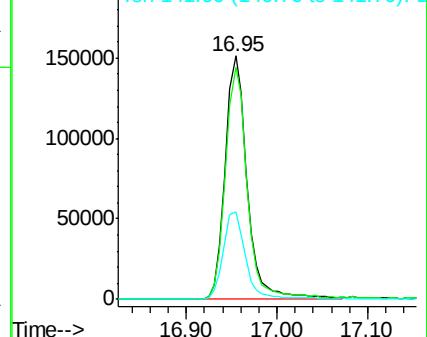
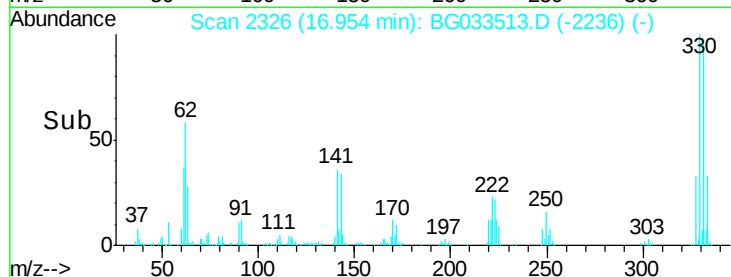
330 100

332 94.8 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: 92.215 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

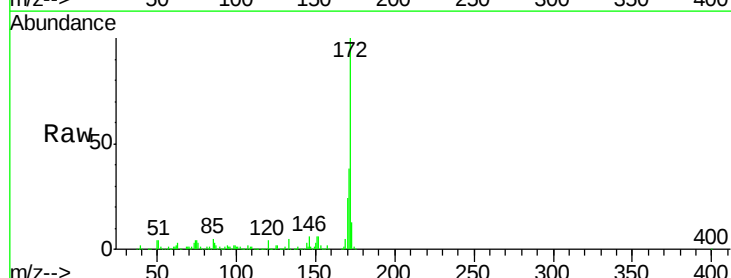
Tgt Ion:172 Resp: 778826

Ion Ratio Lower Upper

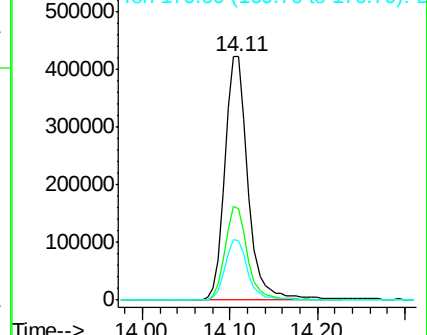
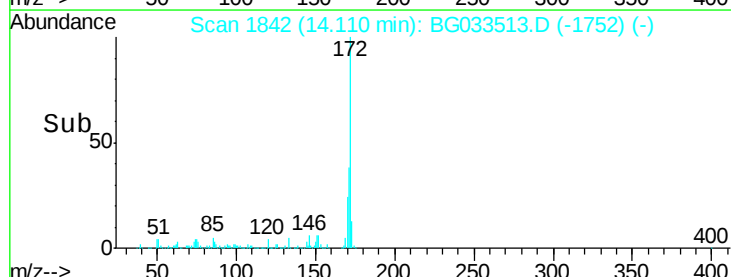
172 100

171 37.6 30.0 45.0

170 24.4 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

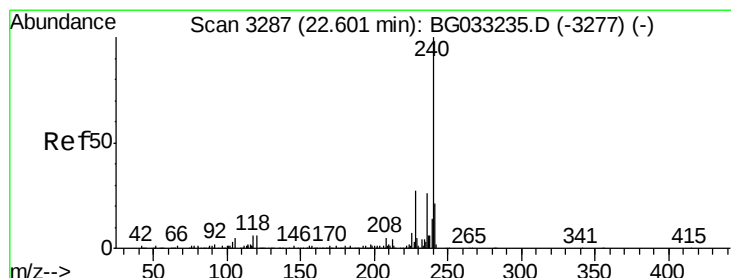
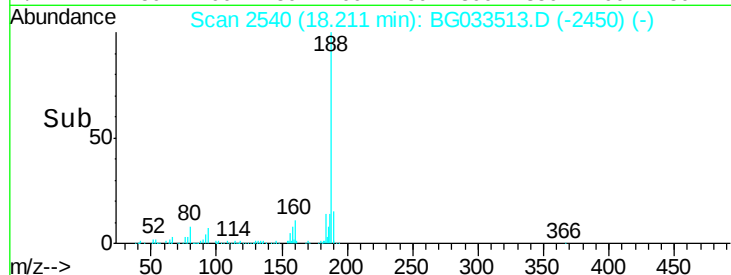
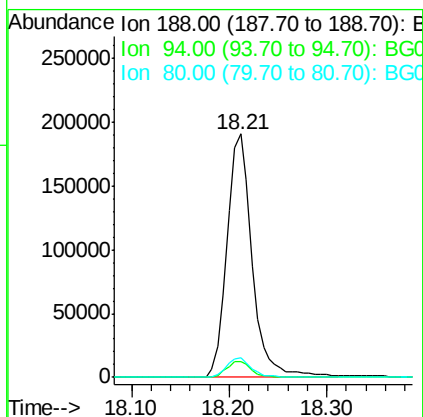
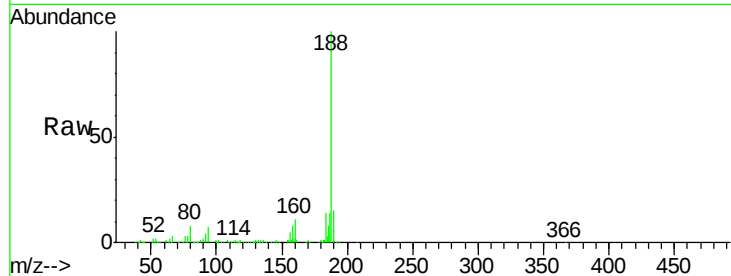




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

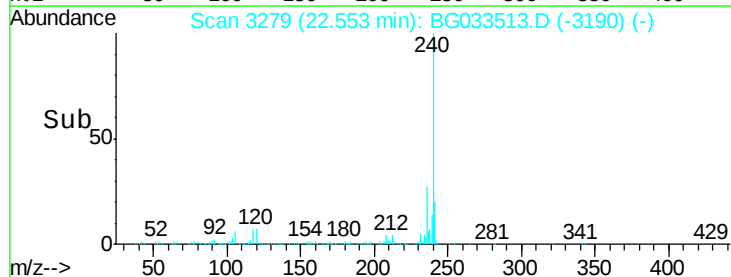
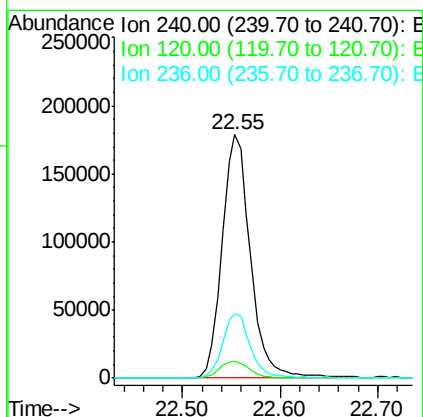
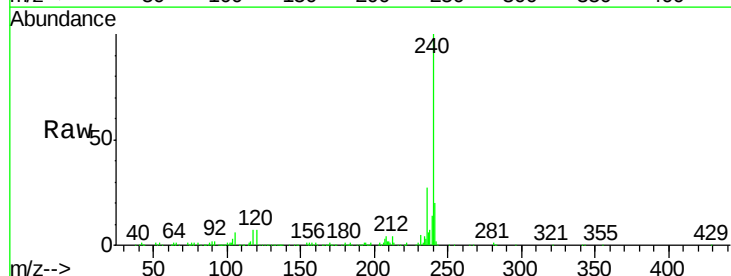
Instrument :
BNA_G
ClientSampleId :
PB107894BL

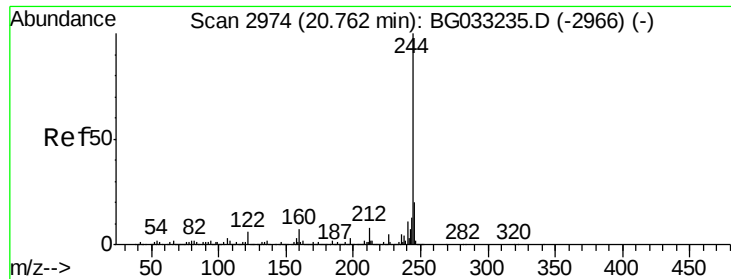
Tot Ion:188 Resp: 341994
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Tgt Ion:240 Resp: 359618
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 93.750 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PB107894BL

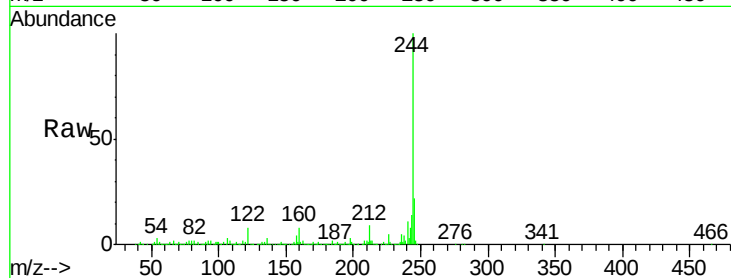
Tot Ion:244 Resp: 1576453

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

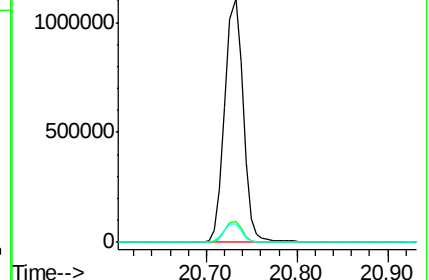
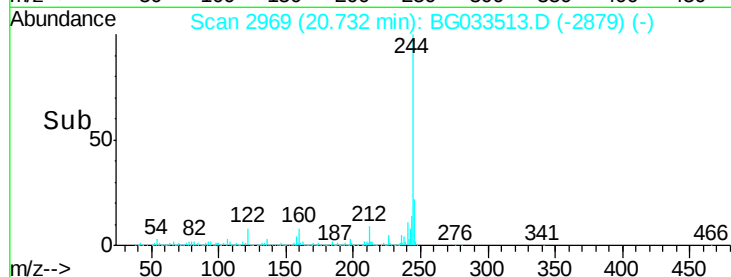
122 7.6 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

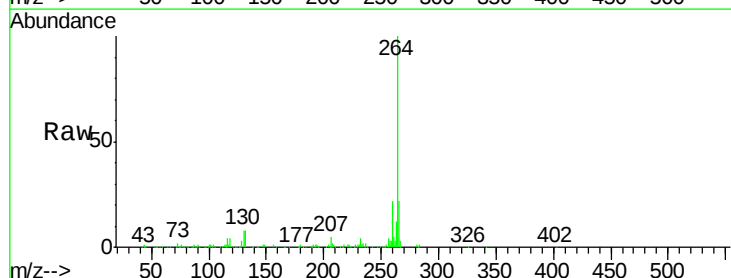
Tgt Ion:264 Resp: 375014

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 22.0 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

