

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033532.D
 Acq On : 3 Apr 2018 19:06
 Operator : SJ/JU
 Sample : PB107894BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BL

Quant Time: Apr 04 04:04:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33869	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	146664	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121290	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339428	20.00	ng	0.00
75) Chrysene-d12	22.55	240	367166	20.00	ng	0.00
86) Perylene-d12	26.32	264	358599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	334551	185.22	ng	0.00
7) Phenol-d6	7.98	99	506914	163.34	ng	0.00
23) Nitrobenzene-d5	10.06	82	307583	96.35	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	231311	127.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	796940	94.85	ng	0.00
78) Terphenyl-d14	20.73	244	1580598	92.06	ng	0.00

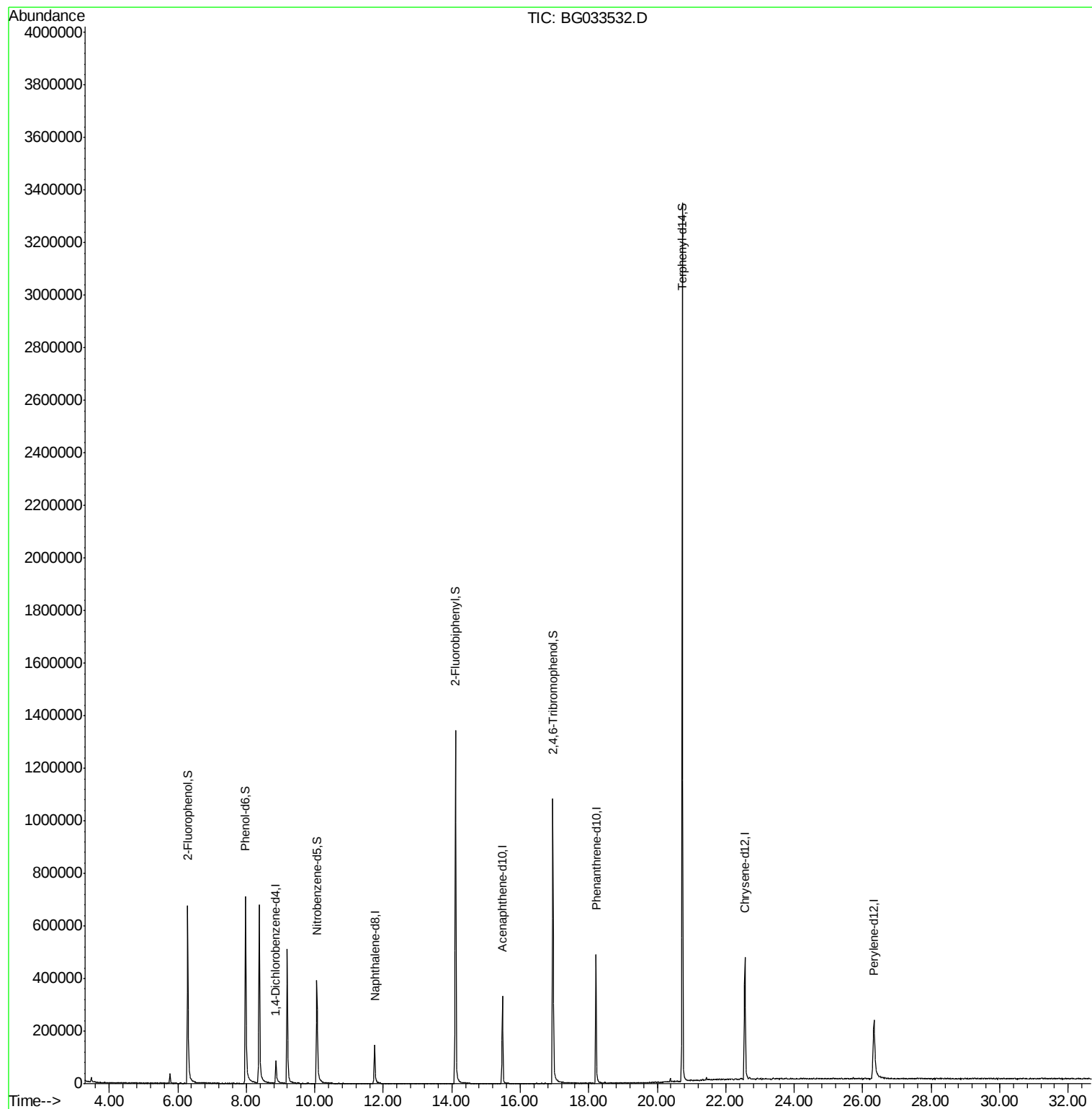
Target Compounds Qvalue

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

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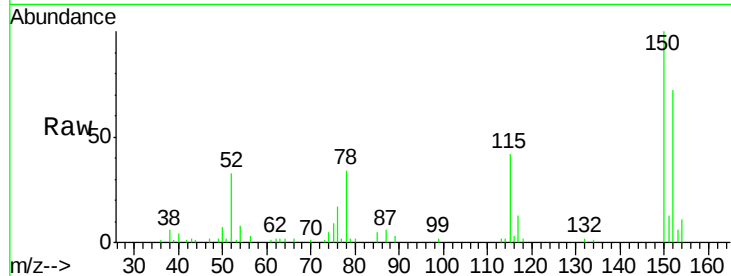


#1

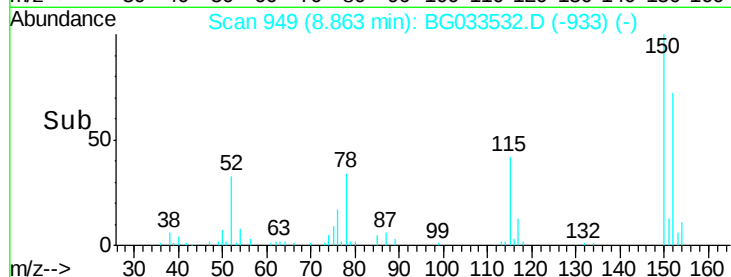
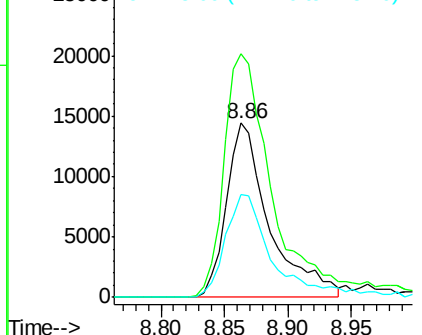
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033532.D
 Acq: 3 Apr 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	126.6	189.8
115	59.2	53.0	79.4



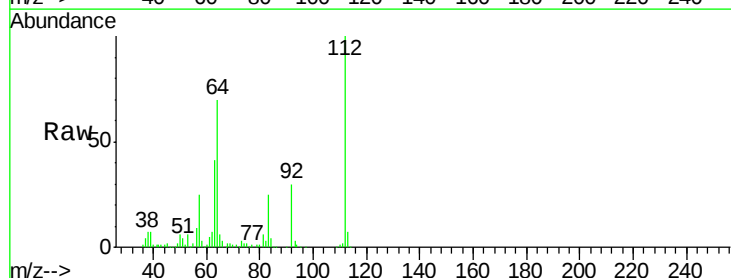
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



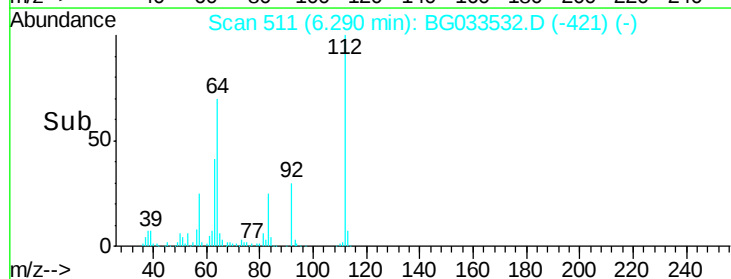
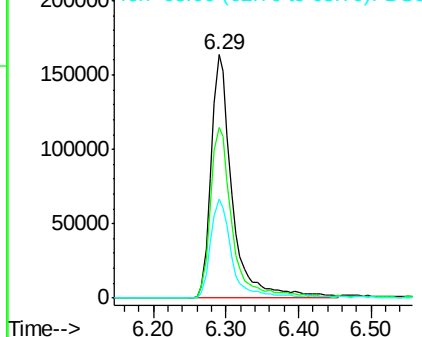
#5

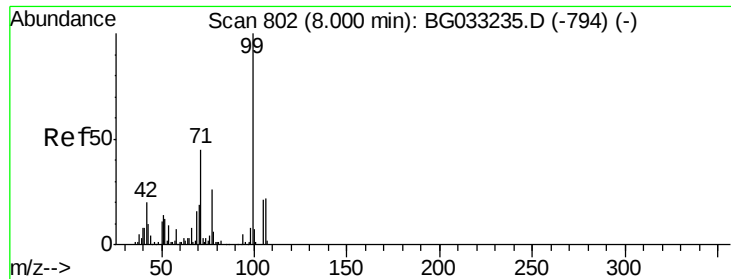
2-Fluorophenol
 Concen: 185.221 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033532.D
 Acq: 3 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.3	84.5
63	40.7	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: 163.338 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB107894BL

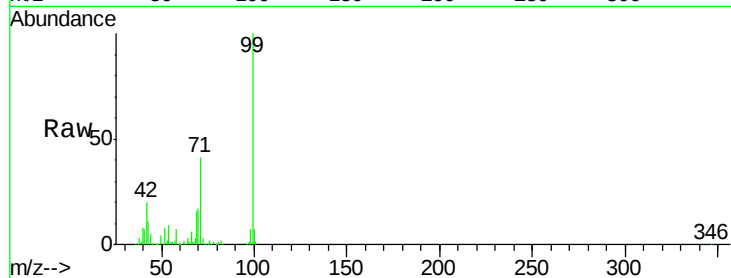
Tot Ion: 99 Resp: 506914

Ion Ratio Lower Upper

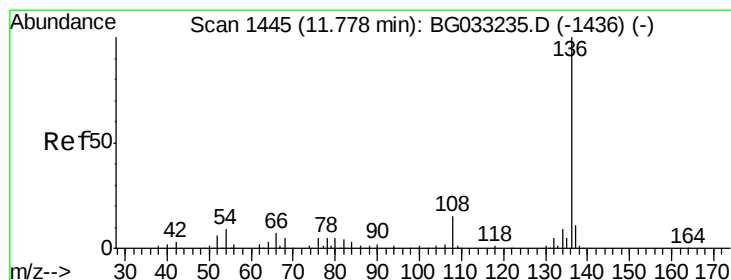
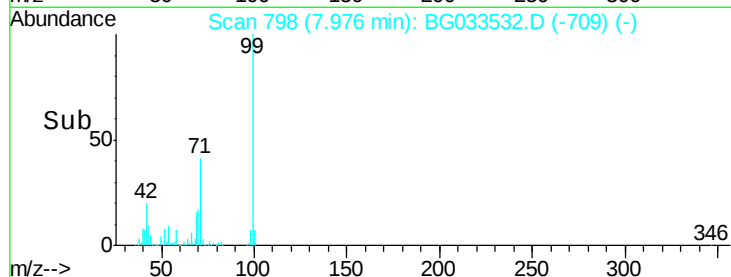
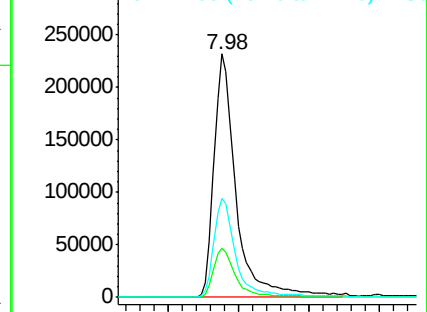
99 100

42 20.2 14.1 21.1

71 40.7 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. -0.00 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

Tgt Ion: 136 Resp: 146664

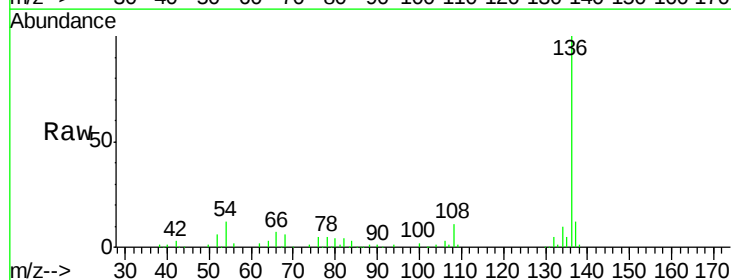
Ion Ratio Lower Upper

136 100

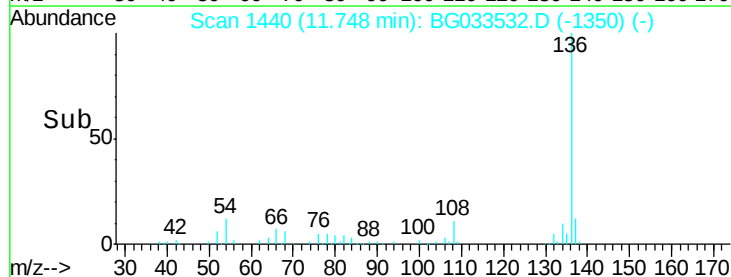
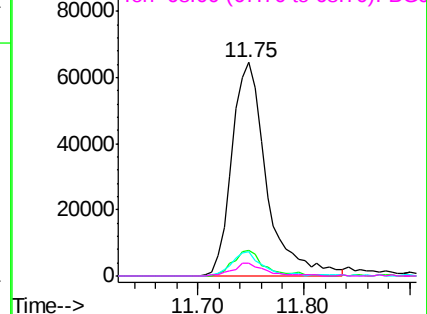
137 12.2 9.2 13.8

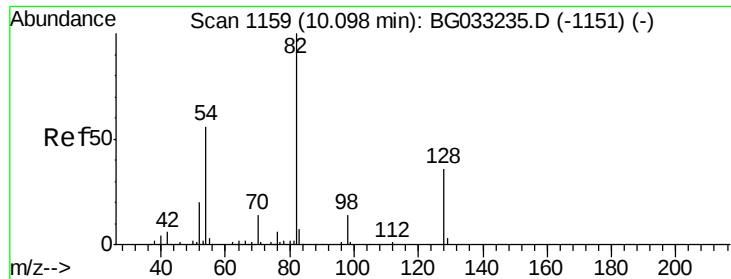
54 11.6 10.3 15.5

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

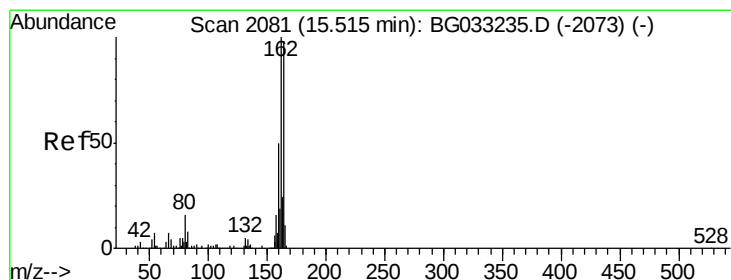
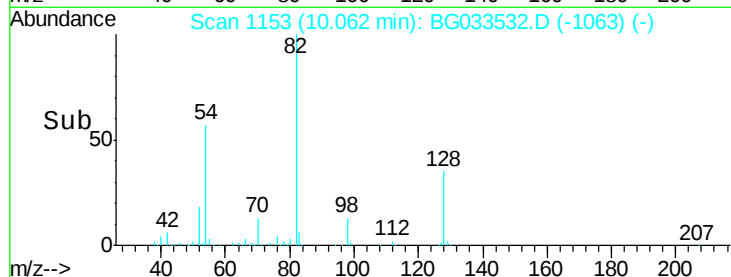
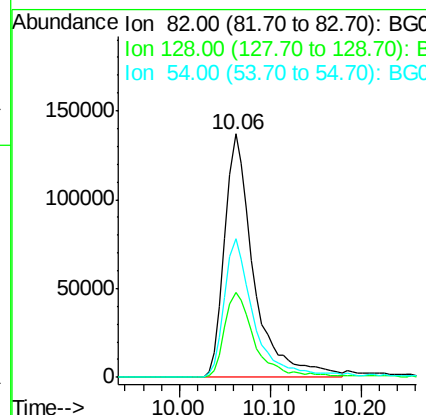
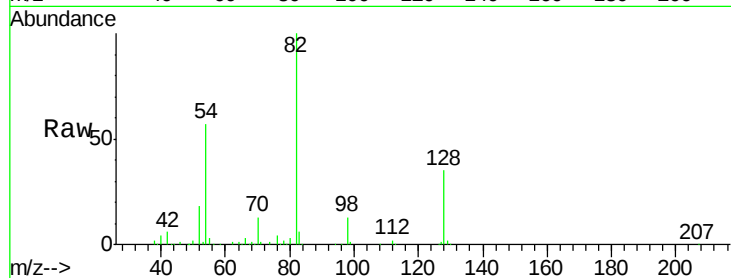




#23
 Nitrobenzene-d5
 Concen: 96.354 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033532.D
 Acq: 3 Apr 2018 19:06

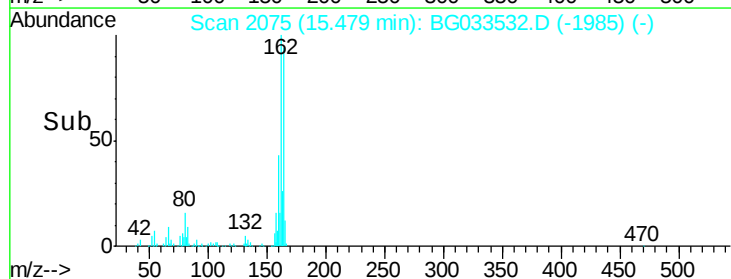
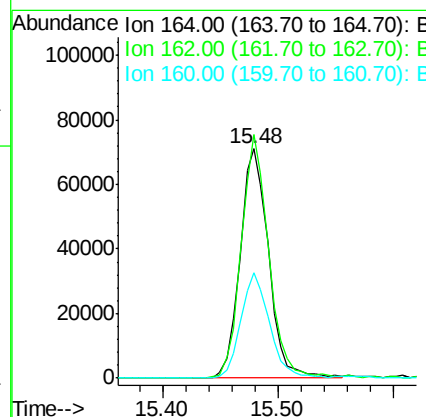
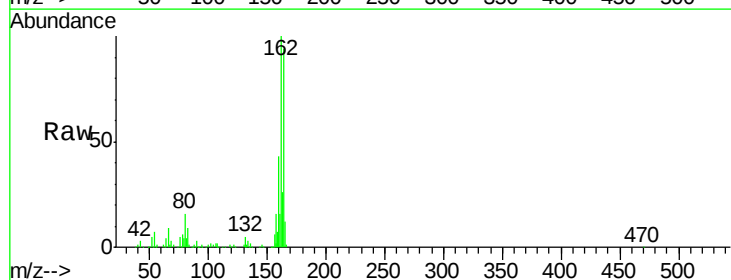
Instrument :
 BNA_G
 ClientSampleId :
 PB107894BL

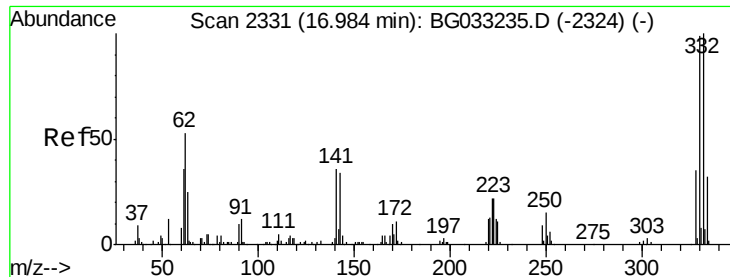
Tot Ion	82	Resp	307583
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.7	44.5
54	56.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033532.D
 Acq: 3 Apr 2018 19:06

Tgt Ion	164	Resp	121290
Ion Ratio	Lower	Upper	
164	100		
162	106.3	78.8	118.2
160	46.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 127.512 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB107894BL

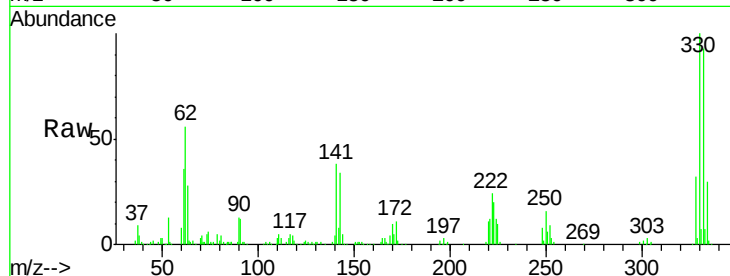
Tot Ion:330 Resp: 231311

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

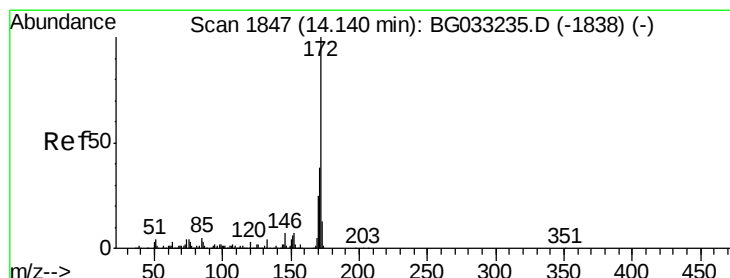
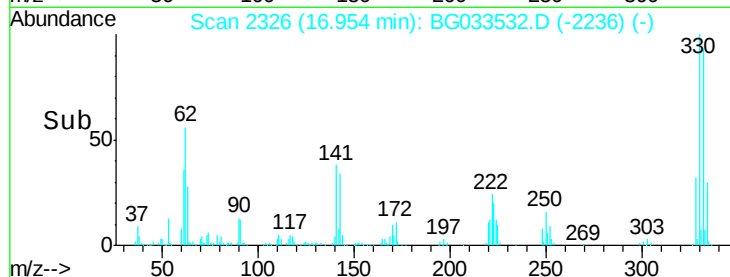
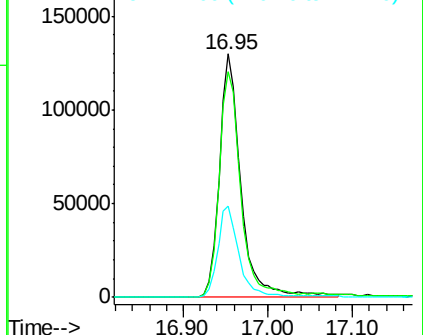
141 37.6 25.2 37.8



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: 94.855 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

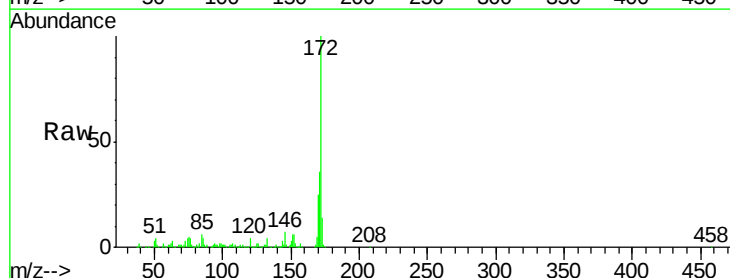
Tgt Ion:172 Resp: 796940

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

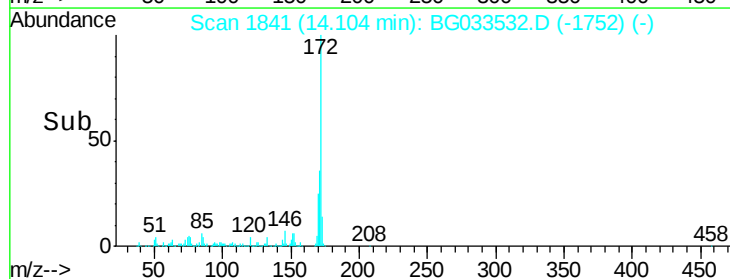
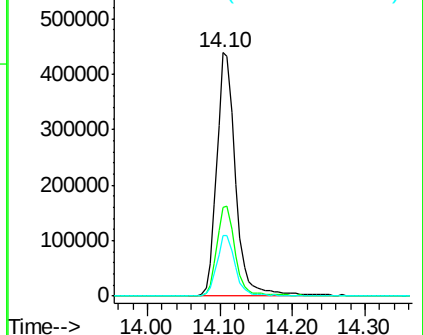
170 24.8 19.5 29.3

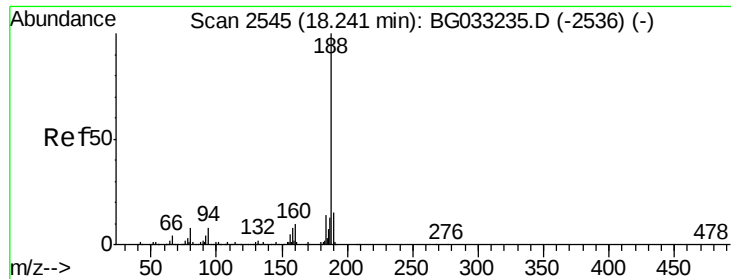


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

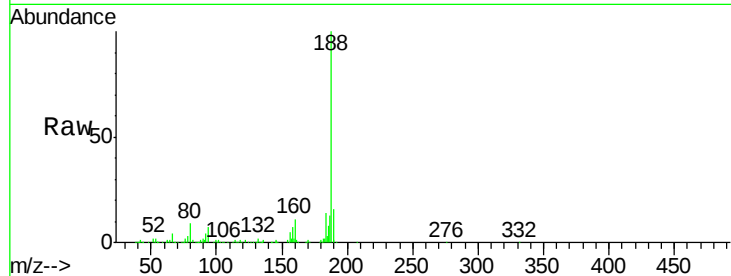




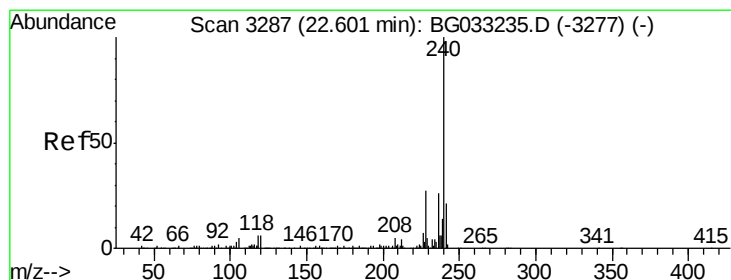
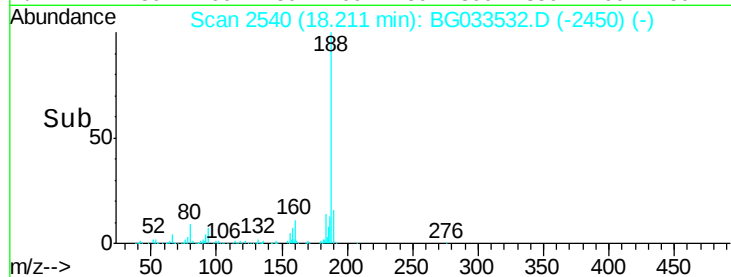
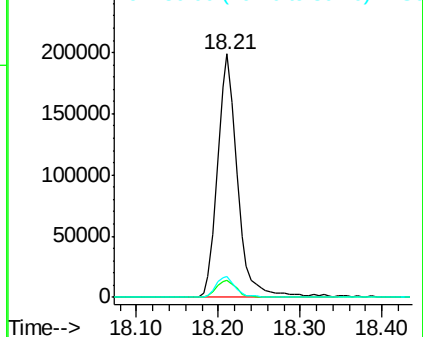
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033532.D
Acq: 3 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107894BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.7	7.7	11.5

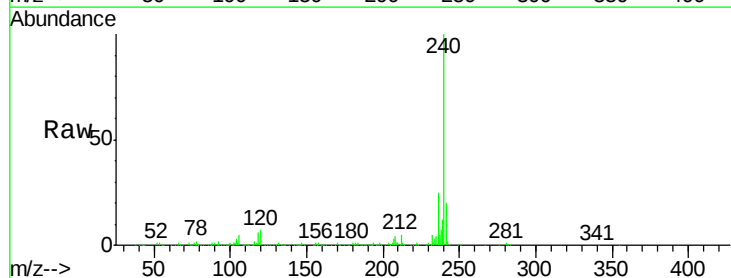


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

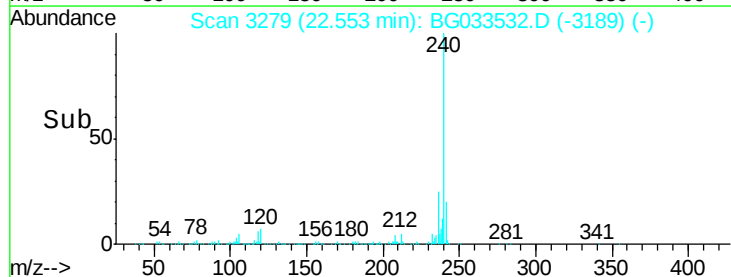
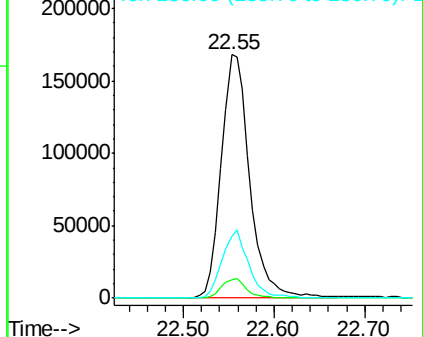


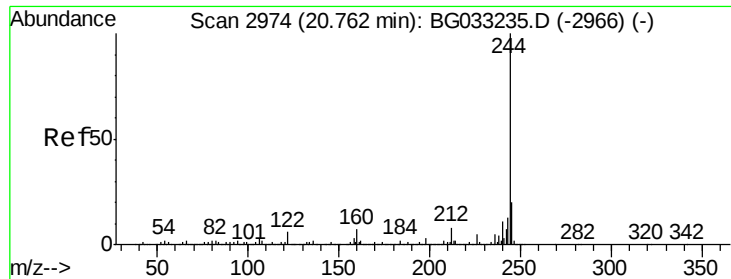
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033532.D
Acq: 3 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	25.4	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: 92.064 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB107894BL

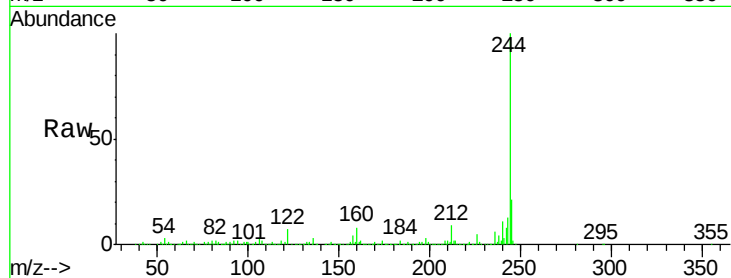
Tot Ion:244 Resp: 1580598

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

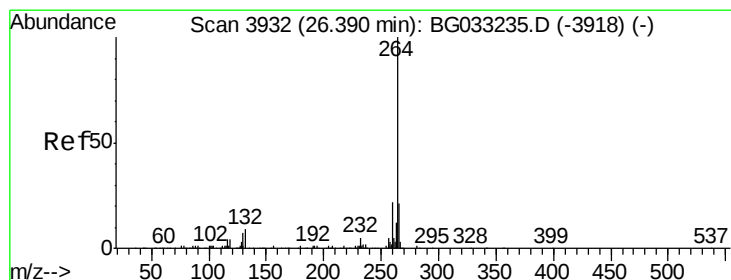
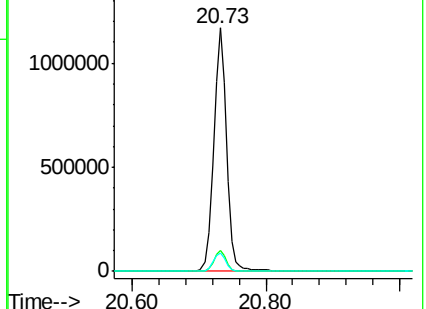
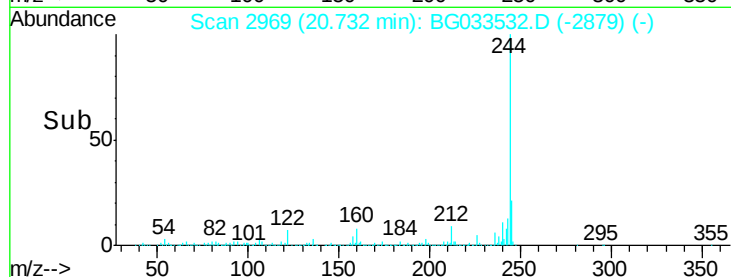
122 7.5 7.0 10.4



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: 26.32 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BG033532.D

Acq: 3 Apr 2018 19:06

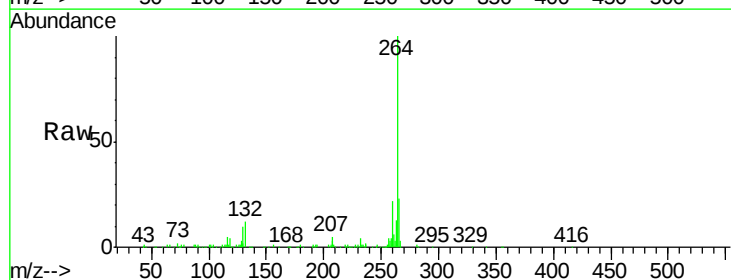
Tgt Ion:264 Resp: 358599

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.8 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

