

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033893.D
 Acq On : 20 Apr 2018 19:30
 Operator : SJ/JU
 Sample : PB108385TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108385TB

Quant Time: Apr 23 06:55:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	73081	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	303640	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	190687	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	485473	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	513316	20.00	ng	-0.02
86) Perylene-d12	24.54	264	511443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	639448	139.69	ng	0.00
7) Phenol-d6	7.01	99	829416	124.23	ng	0.00
23) Nitrobenzene-d5	8.98	82	496026	92.97	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	328152	147.51	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1202874	92.67	ng	-0.01
78) Terphenyl-d14	19.86	244	2007334	87.85	ng	0.00

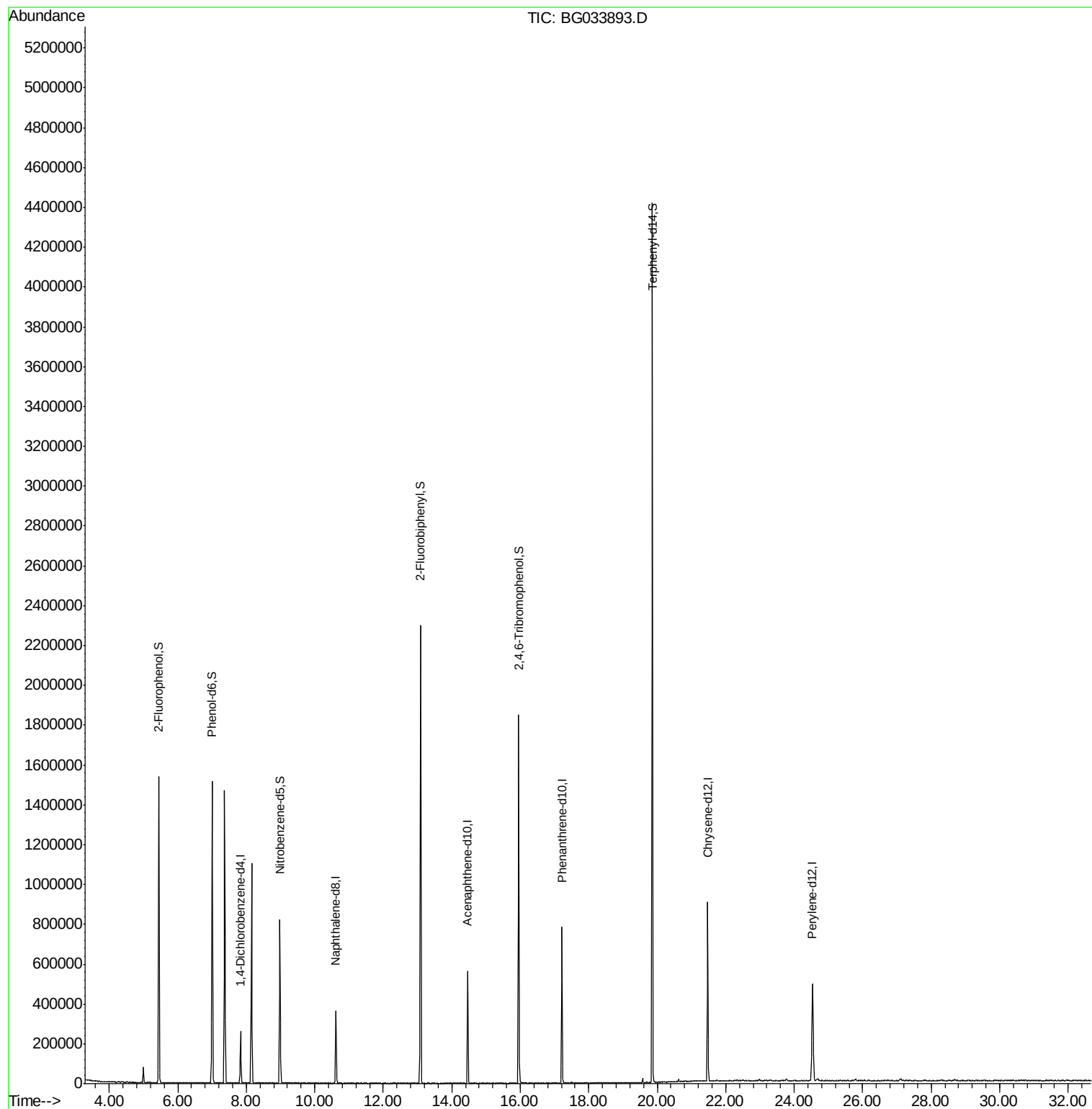
Target Compounds Qvalue

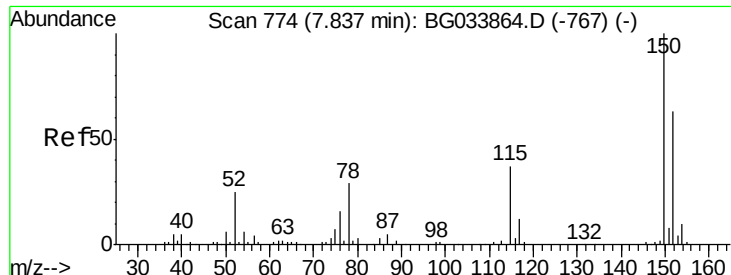
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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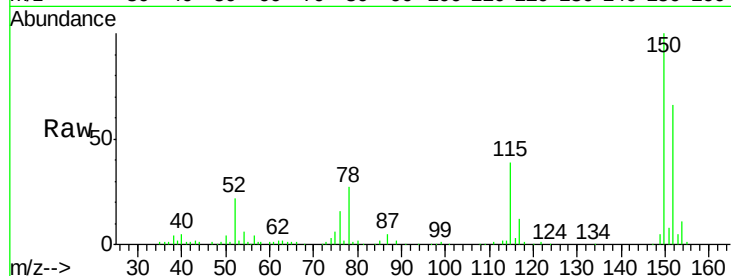


#1

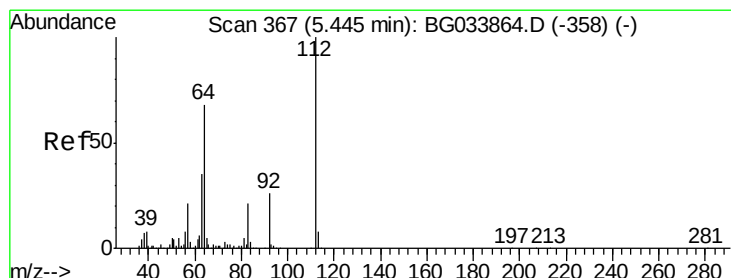
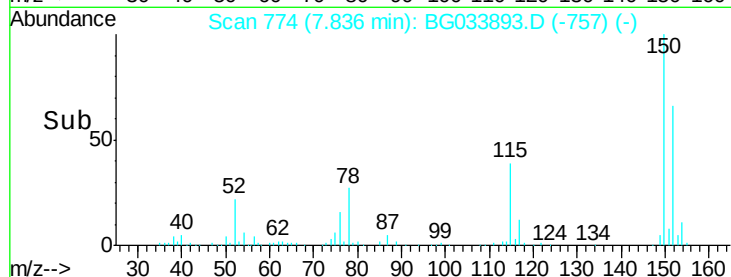
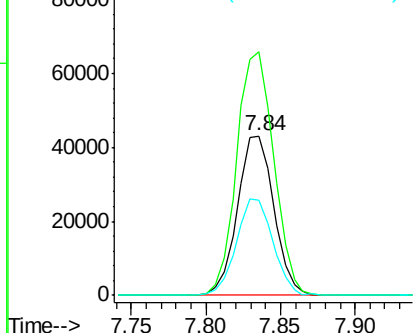
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033893.D
Acq: 20 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
PB108385TB

Tot Ion:152 Resp: 73081
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 59.5 53.0 79.4



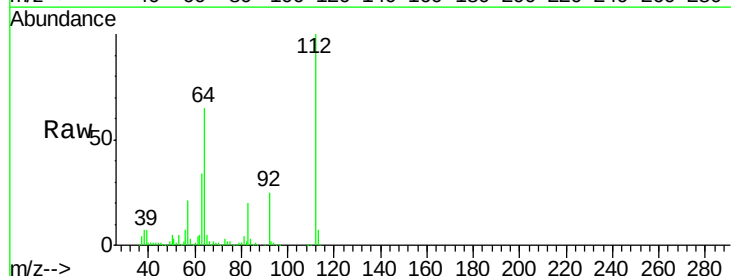
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



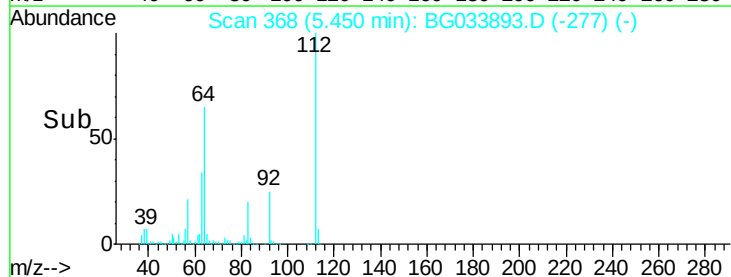
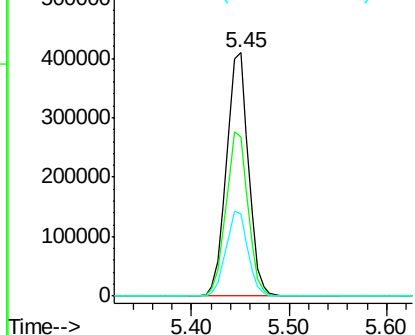
#5

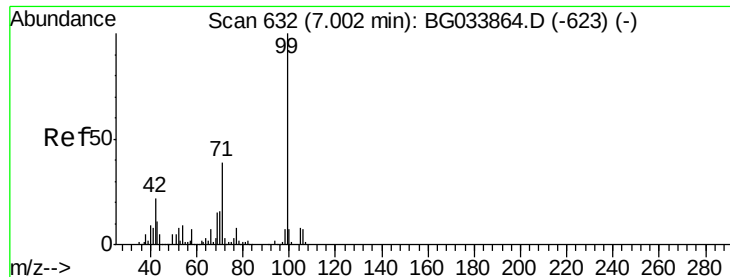
2-Fluorophenol
Concen: 139.694 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.01 min
Lab File: BG033893.D
Acq: 20 Apr 2018 19:30

Tgt Ion:112 Resp: 639448
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 34.0 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: 124.229 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033893.D

Acq: 20 Apr 2018 19:30

Instrument :

BNA_G

ClientSampleId :

PB108385TB

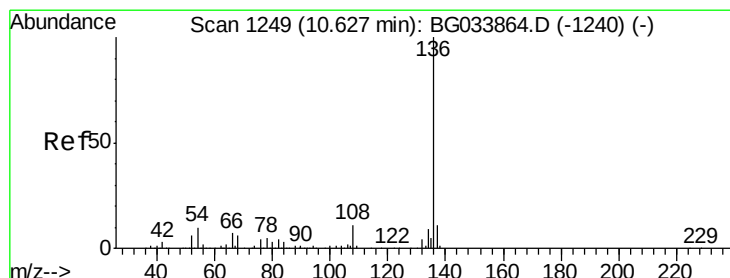
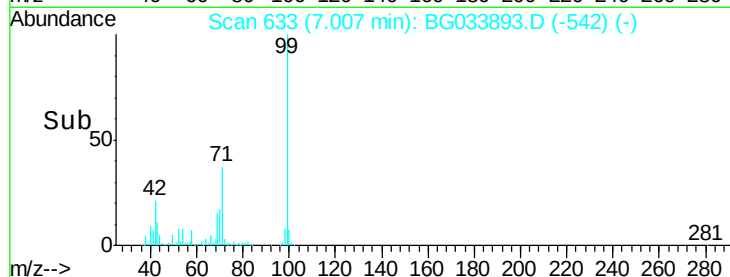
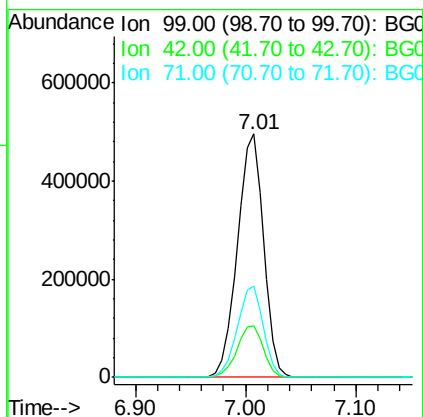
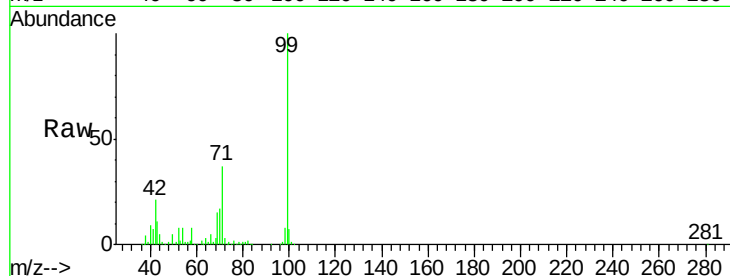
Tot Ion: 99 Resp: 829416

Ion Ratio Lower Upper

99 100

42 21.4 14.1 21.1#

71 37.5 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033893.D

Acq: 20 Apr 2018 19:30

Tgt Ion: 136 Resp: 303640

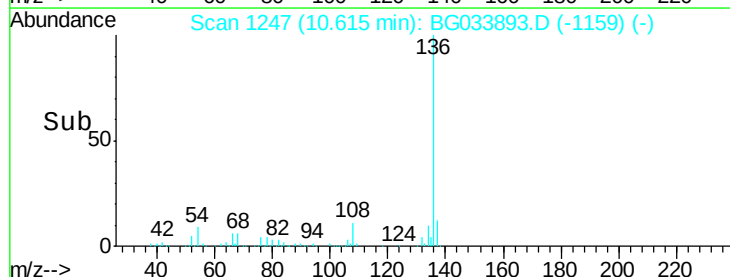
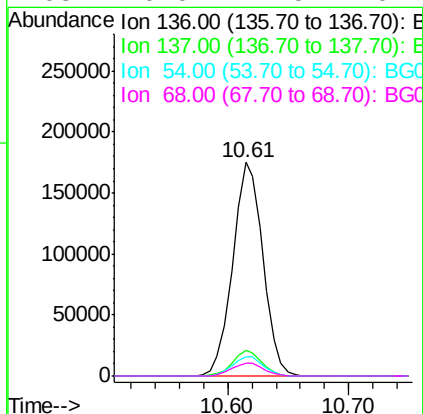
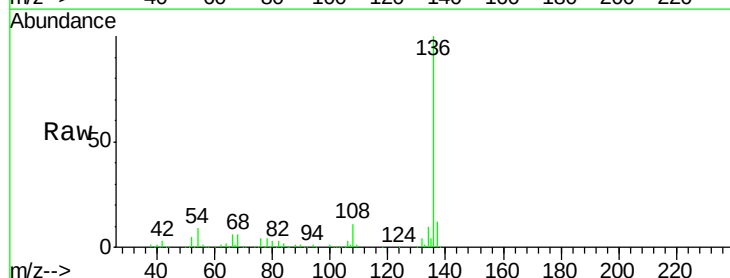
Ion Ratio Lower Upper

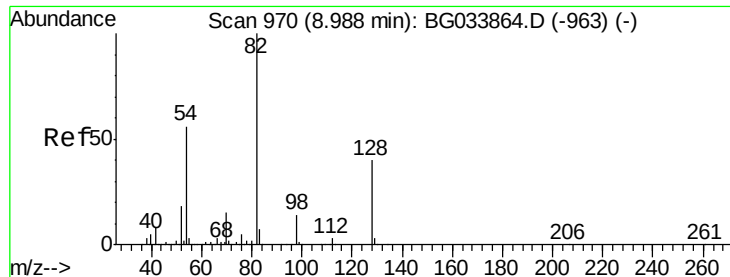
136 100

137 11.7 9.2 13.8

54 9.1 10.3 15.5#

68 6.0 4.5 6.7

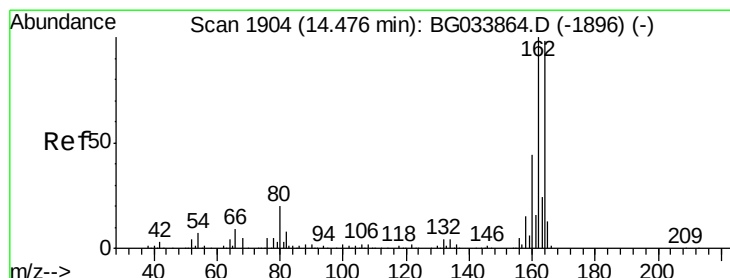
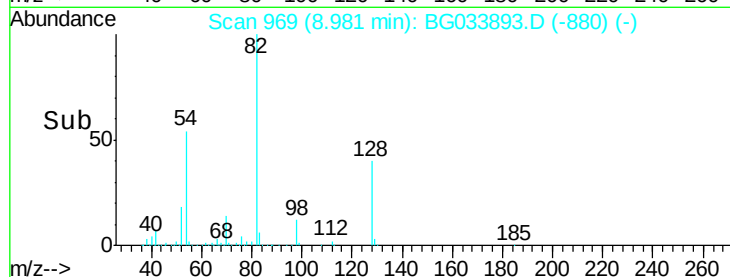
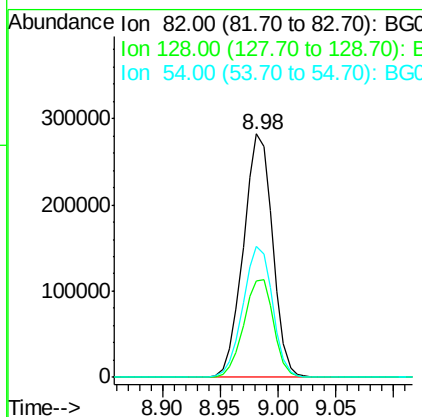
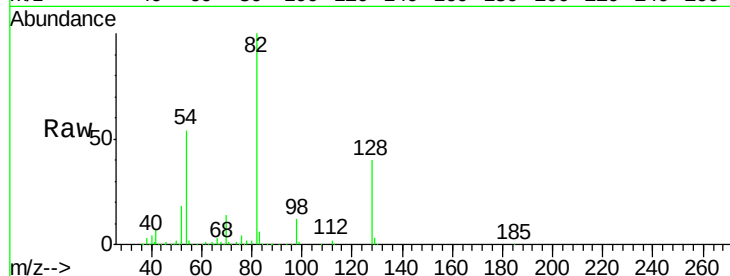




#23
 Nitrobenzene-d5
 Concen: 92.967 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033893.D
 Acq: 20 Apr 2018 19:30

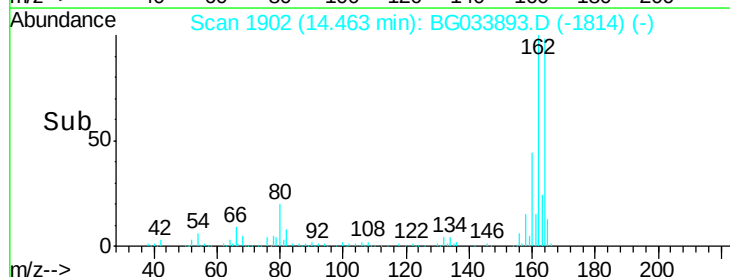
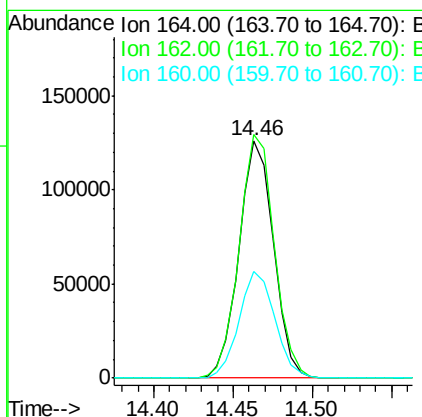
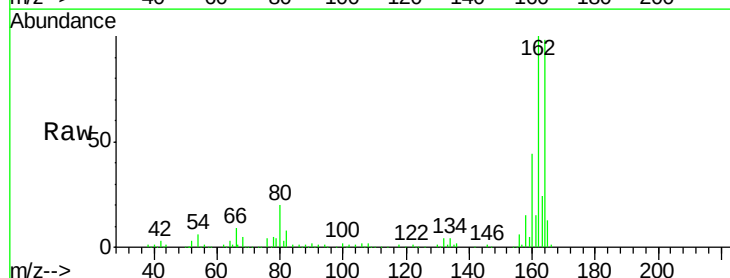
Instrument :
 BNA_G
 ClientSampleId :
 PB108385TB

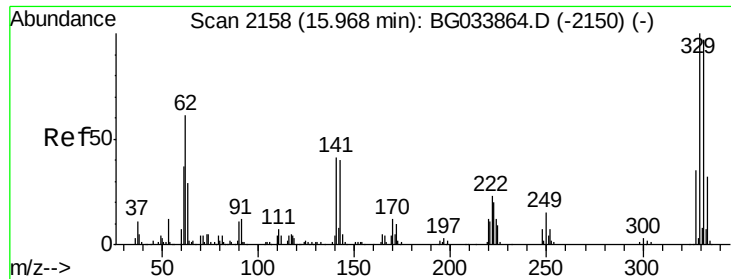
Tot Ion	82	Resp	496026
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.7	44.5
54	53.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033893.D
 Acq: 20 Apr 2018 19:30

Tgt Ion	164	Resp	190687
Ion Ratio	Lower	Upper	
164	100		
162	102.5	78.8	118.2
160	44.8	35.4	53.0

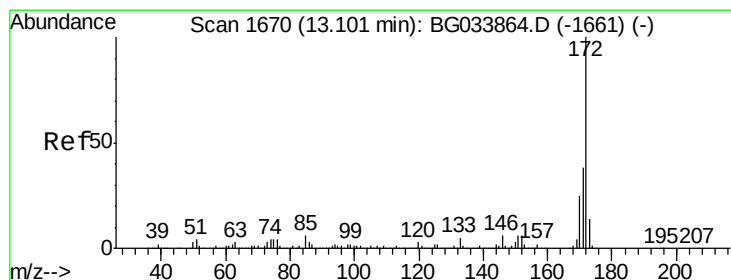
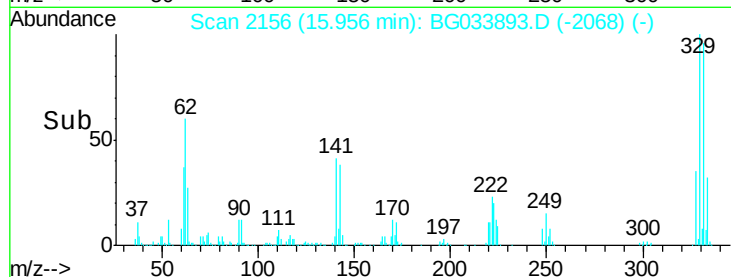
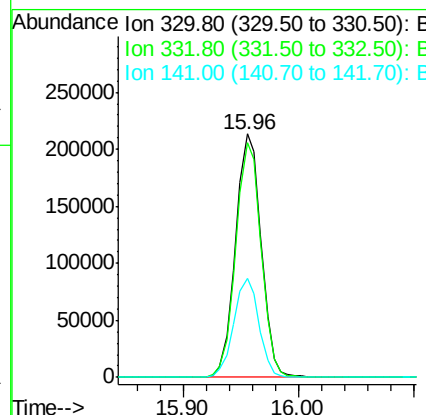
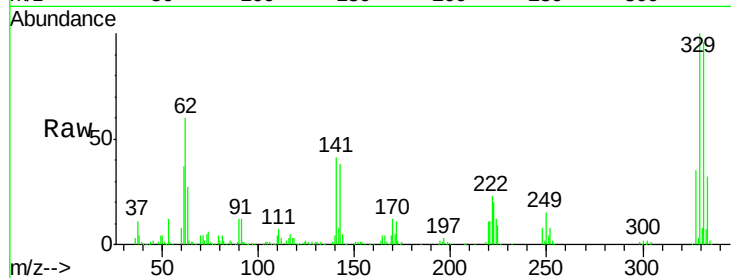




#41
 2,4,6-Tribromophenol
 Concen: 147.506 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033893.D
 Acq: 20 Apr 2018 19:30

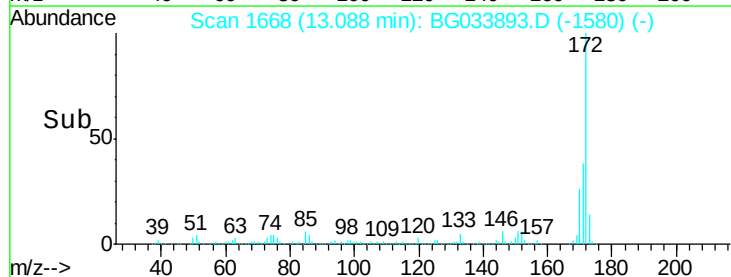
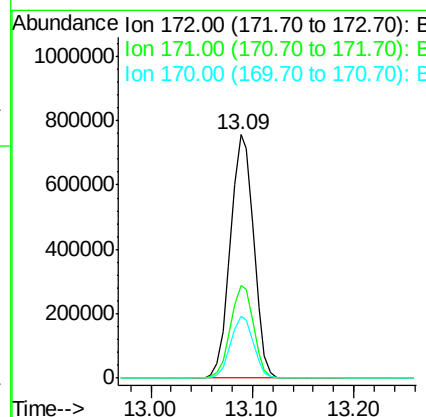
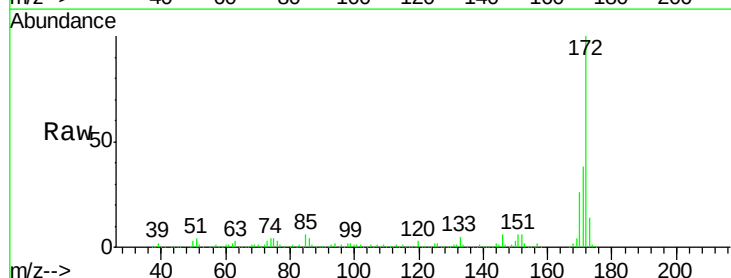
Instrument :
 BNA_G
 ClientSampled :
 PB108385TB

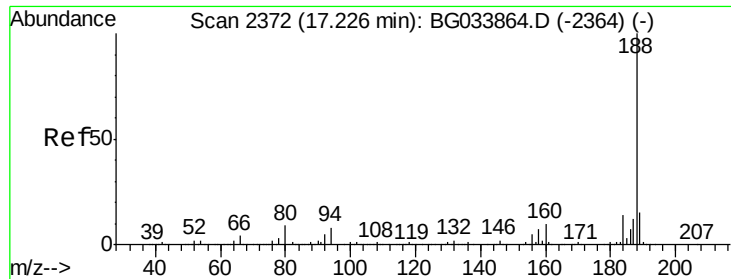
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	40.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 92.668 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033893.D
 Acq: 20 Apr 2018 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.6	19.5	29.3

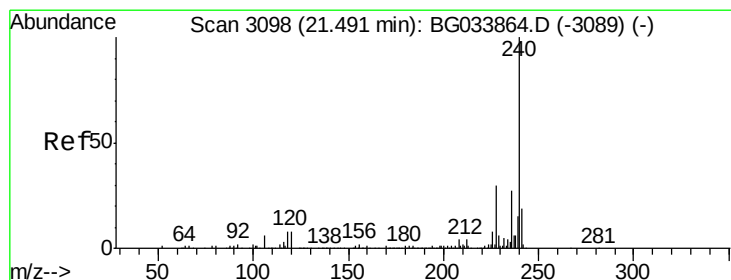
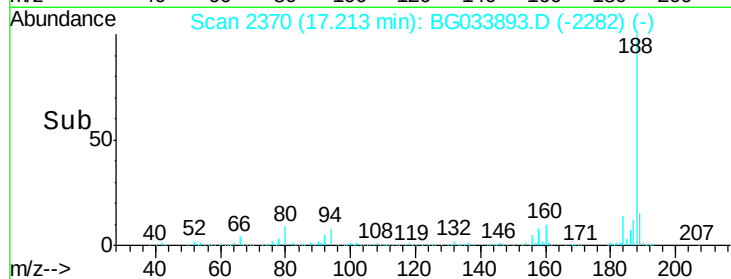
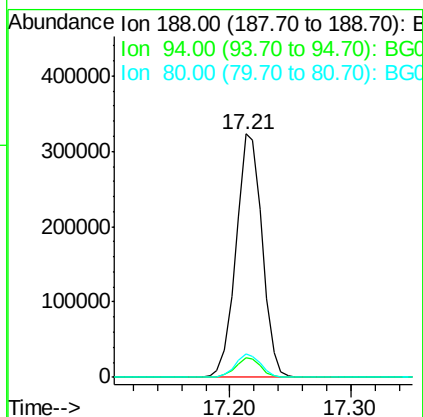
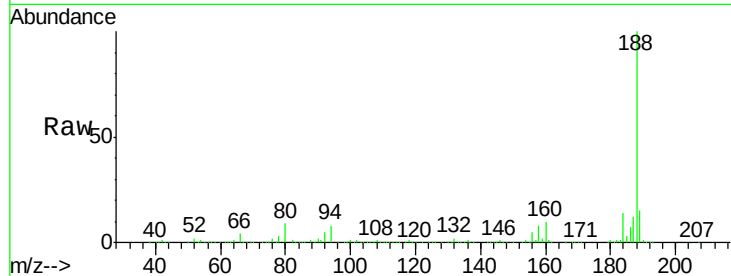




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033893.D
Acq: 20 Apr 2018 19:30

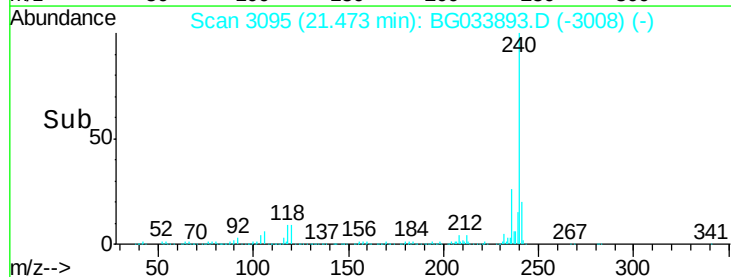
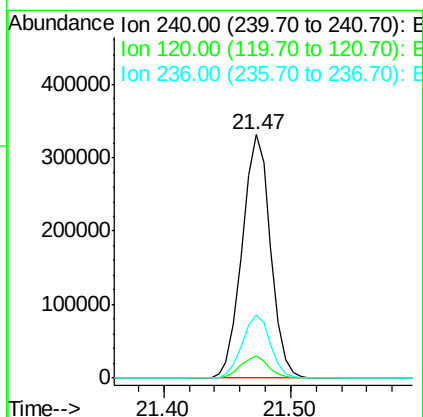
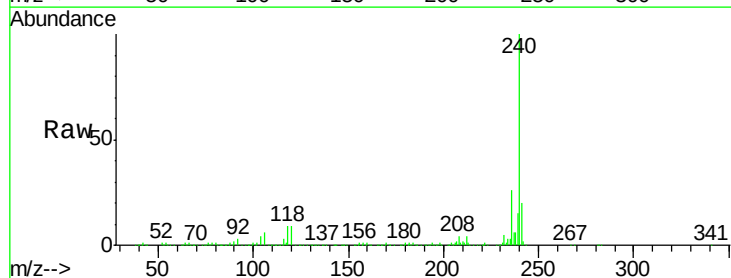
Instrument :
BNA_G
ClientSampleId :
PB108385TB

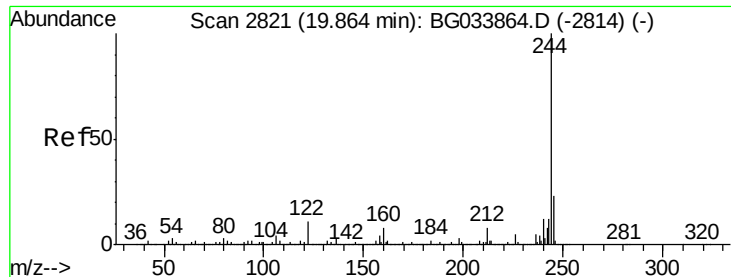
Tot Ion:188 Resp: 485473
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033893.D
Acq: 20 Apr 2018 19:30

Tgt Ion:240 Resp: 513316
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 87.854 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033893.D

Acq: 20 Apr 2018 19:30

Instrument :

BNA_G

ClientSampleId :

PB108385TB

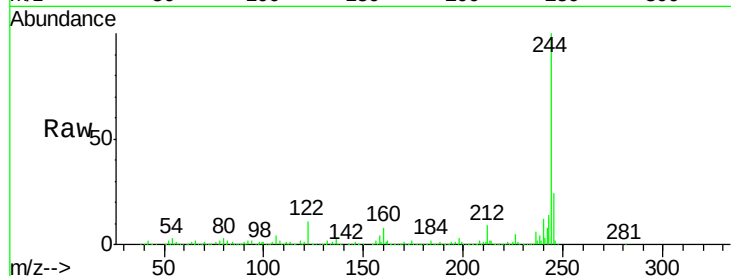
Tot Ion:244 Resp: 2007334

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

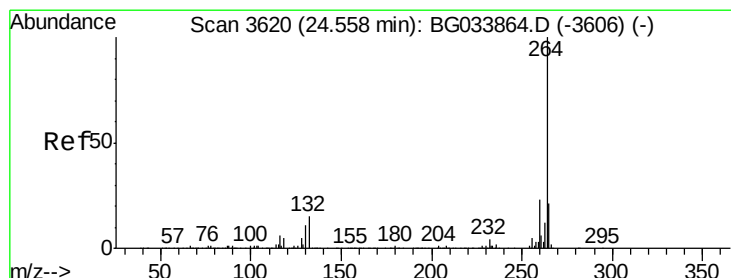
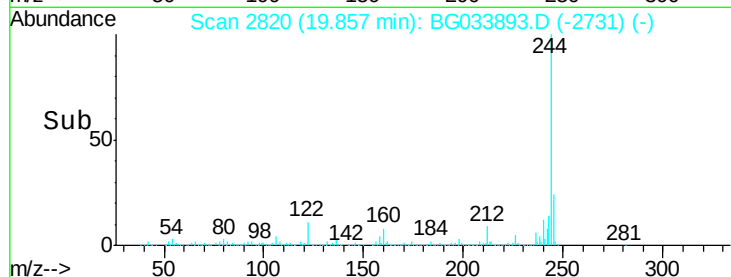
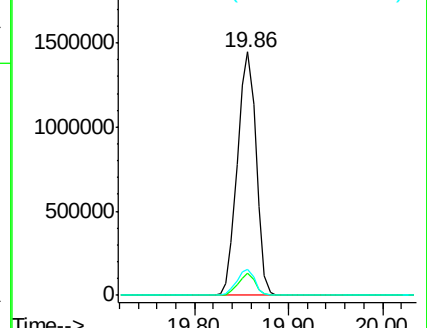
122 10.7 7.0 10.4#



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033893.D

Acq: 20 Apr 2018 19:30

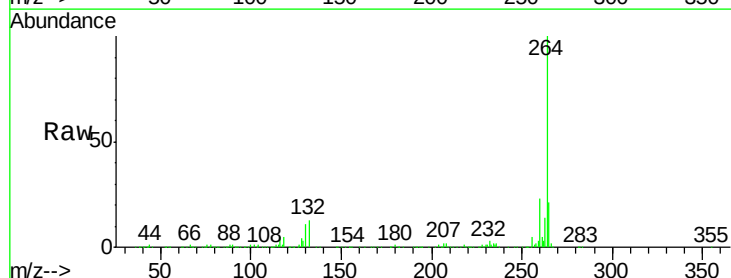
Tgt Ion:264 Resp: 511443

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.2 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

