

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033892.D
 Acq On : 20 Apr 2018 18:52
 Operator : SJ/JU
 Sample : PB108385BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108385BL

Quant Time: Apr 21 05:40:02 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	68908	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	292184	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	185165	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	473828	20.00	ng	0.00
75) Chrysene-d12	21.47	240	512197	20.00	ng	-0.02
86) Perylene-d12	24.54	264	506887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	565355	130.99	ng	0.00
7) Phenol-d6	7.00	99	737149	117.10	ng	0.00
23) Nitrobenzene-d5	8.98	82	439581	85.62	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	290230	134.35	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1064812	84.48	ng	-0.01
78) Terphenyl-d14	19.86	244	1847048	81.02	ng	0.00

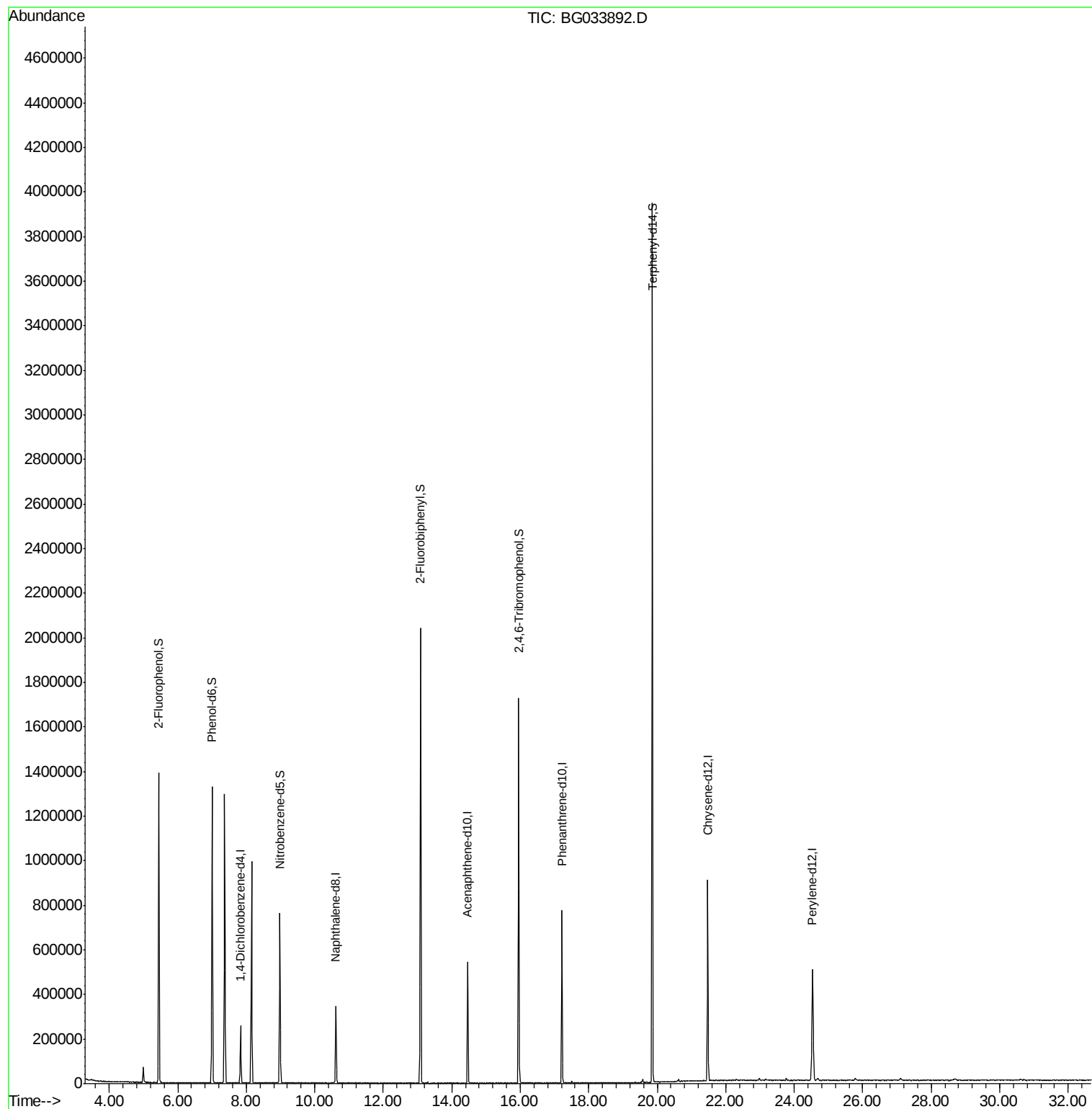
Target Compounds Qvalue

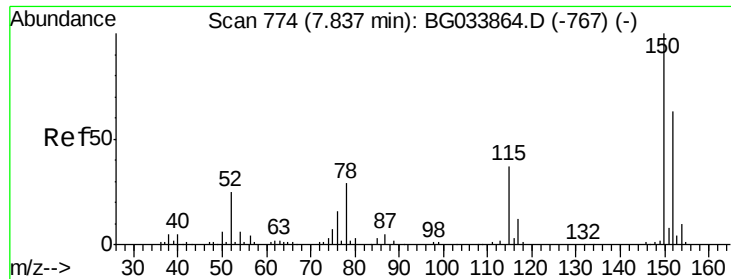
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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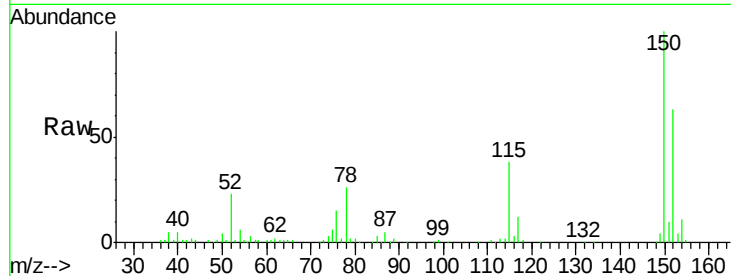


#1

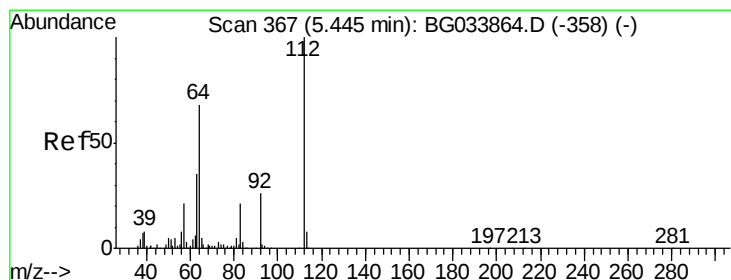
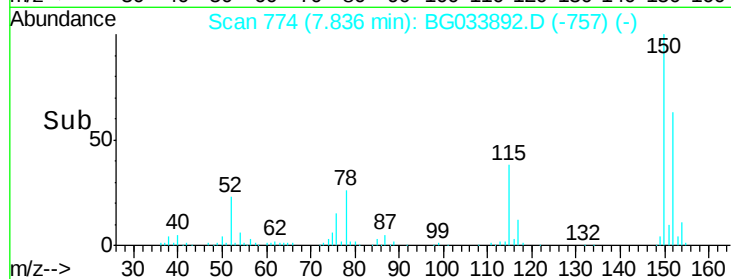
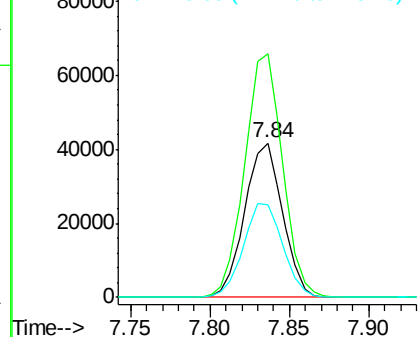
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampled :
PB108385BL

Tot Ion:152 Resp: 68908
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 59.6 53.0 79.4



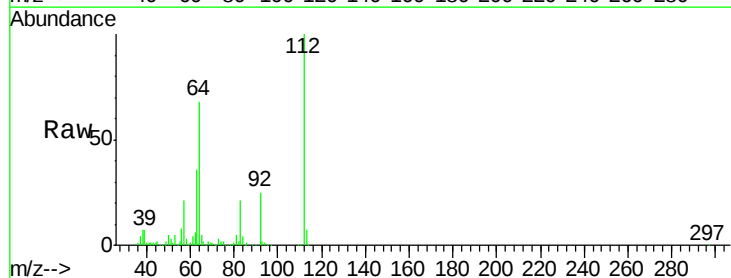
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



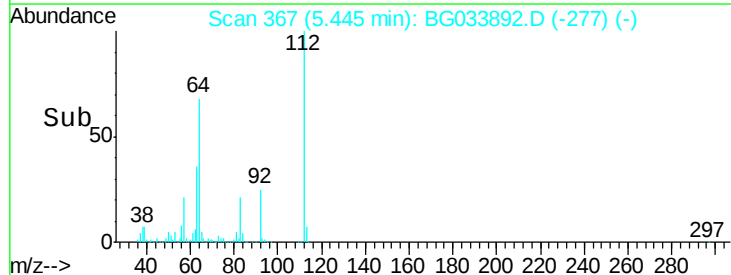
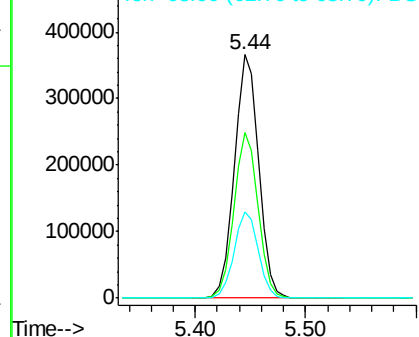
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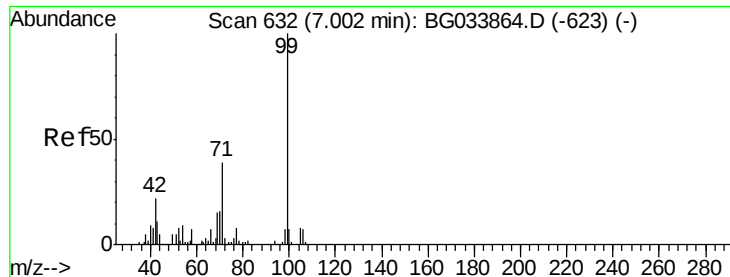
2-Fluorophenol
Concen: 130.987 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:112 Resp: 565355
Ion Ratio Lower Upper
112 100
64 67.9 56.3 84.5
63 35.6 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: 117.095 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033892.D

Acq: 20 Apr 2018 18:52

Instrument :

BNA_G

ClientSampled :

PB108385BL

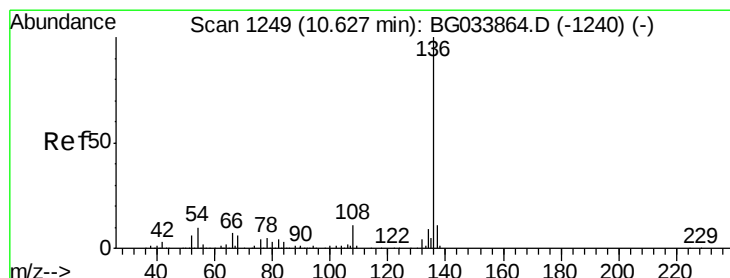
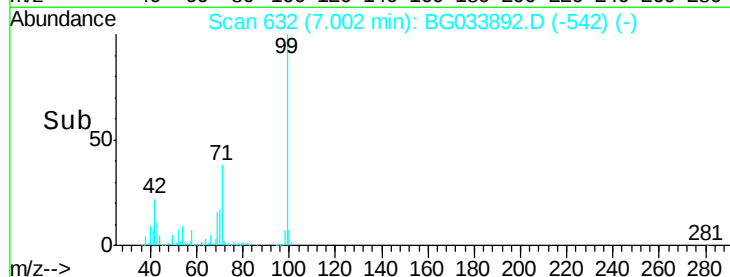
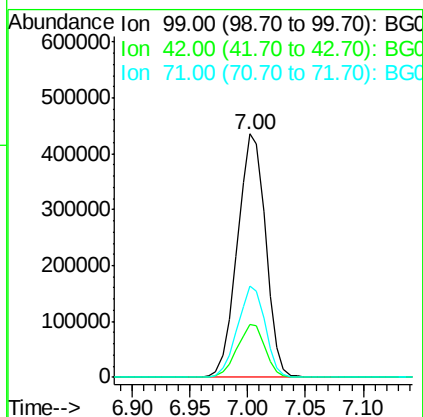
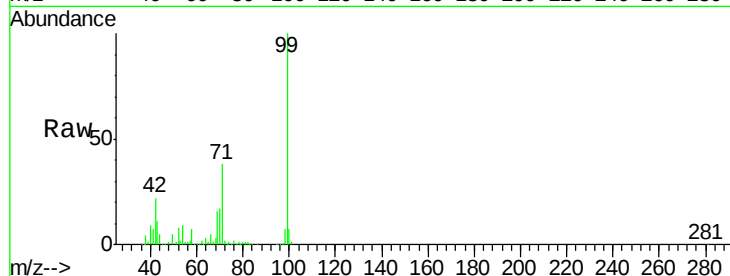
Tot Ion: 99 Resp: 737149

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

71 37.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033892.D

Acq: 20 Apr 2018 18:52

Tgt Ion: 136 Resp: 292184

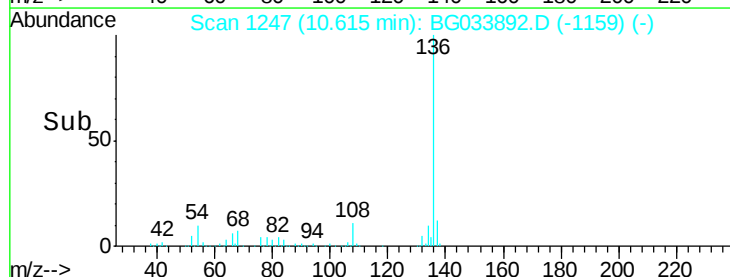
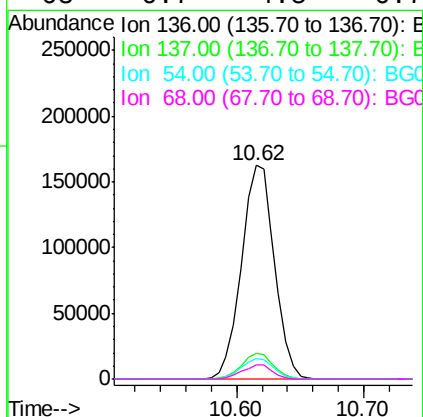
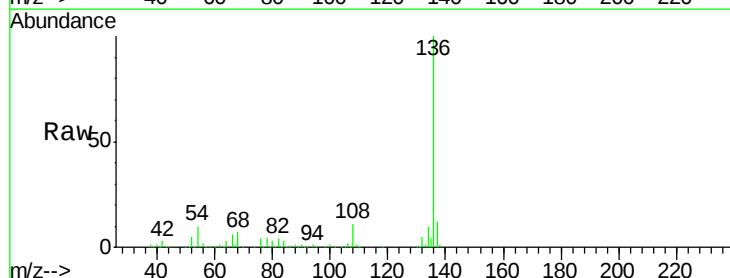
Ion Ratio Lower Upper

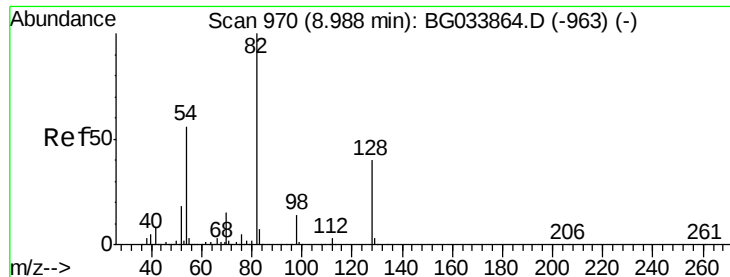
136 100

137 11.8 9.2 13.8

54 9.9 10.3 15.5#

68 6.7 4.5 6.7

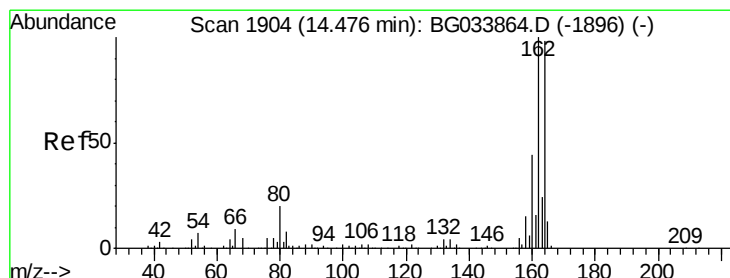
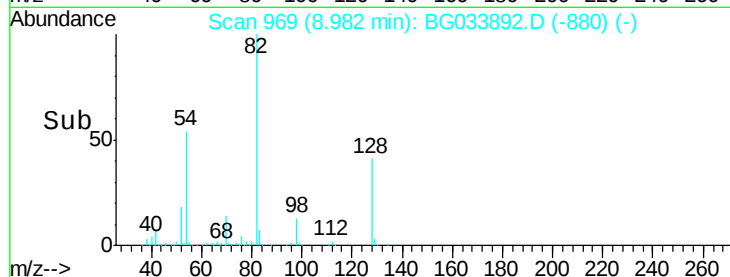
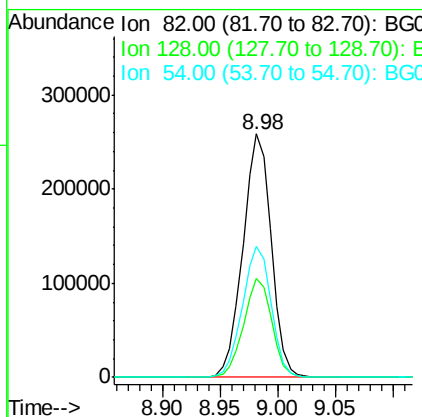
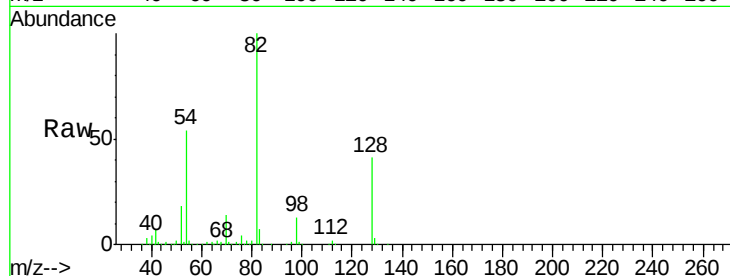




#23
Nitrobenzene-d5
Concen: 85.619 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

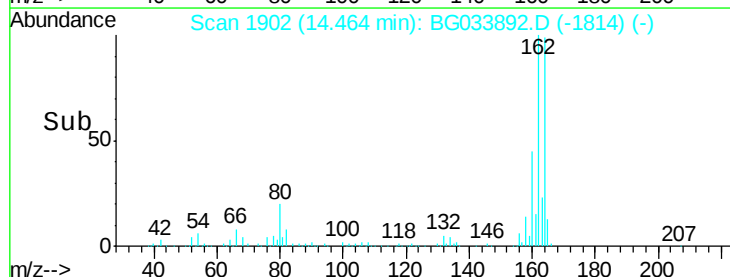
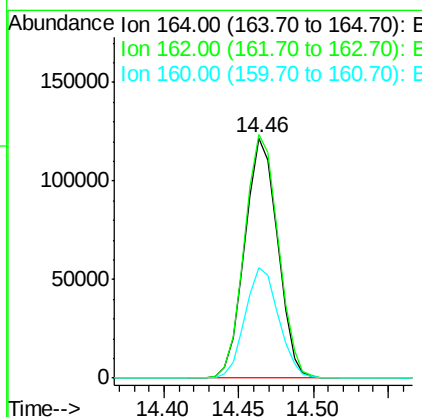
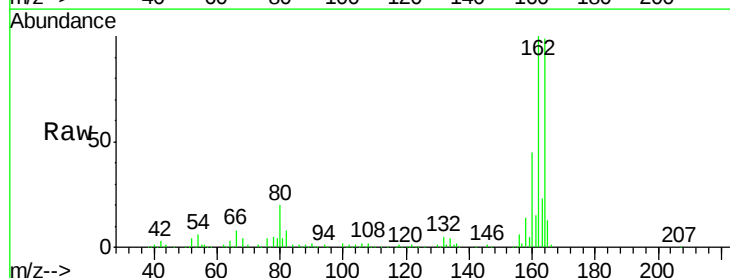
Instrument :
BNA_G
ClientSampleId :
PB108385BL

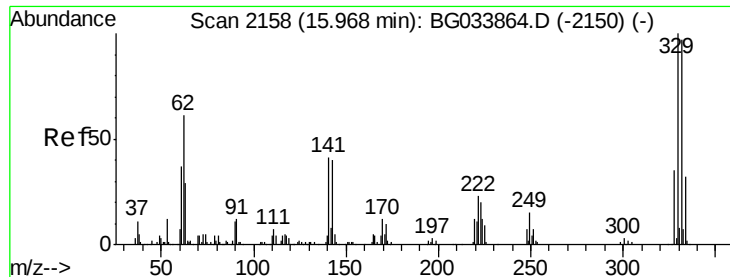
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.7	44.5
54	53.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.9	35.4	53.0

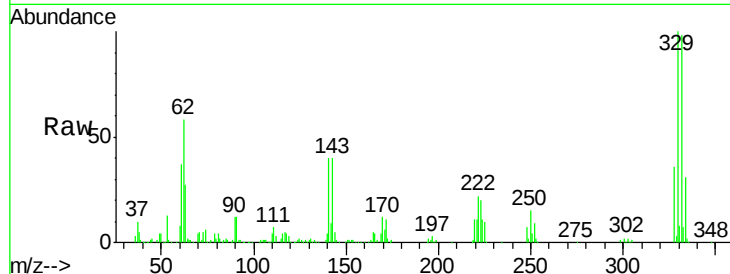




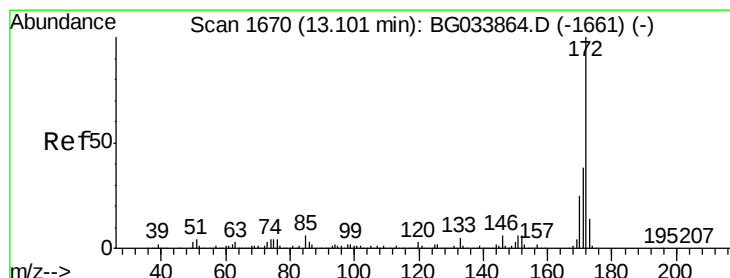
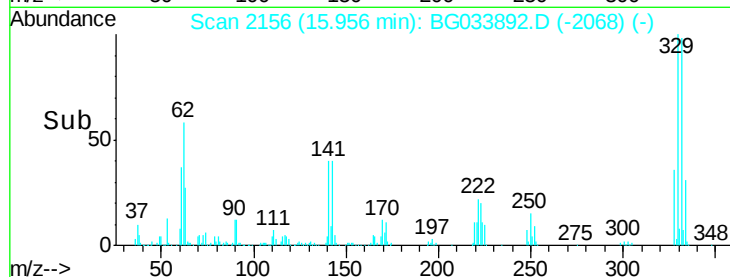
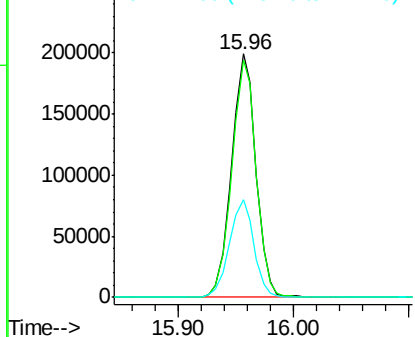
#41
 2,4,6-Tribromophenol
 Concen: 134.350 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033892.D
 Acq: 20 Apr 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB108385BL

Tot Ion:330 Resp: 290230
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 40.0 25.2 37.8#

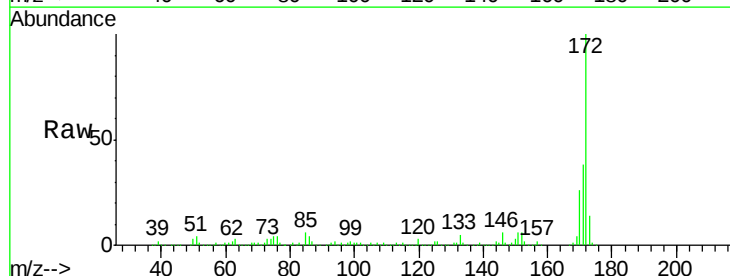


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

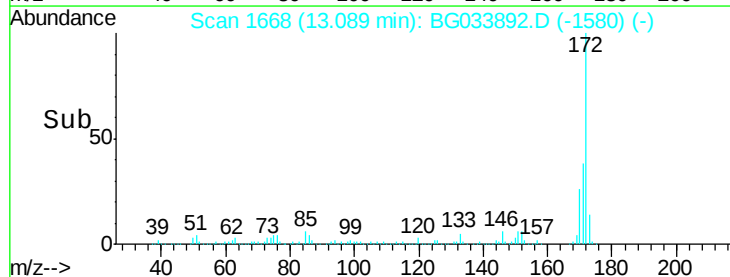
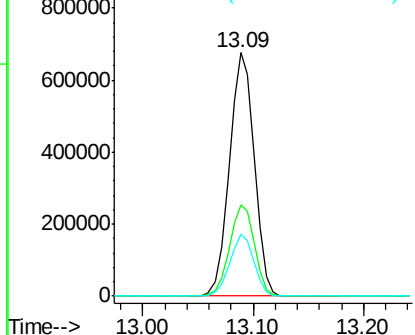


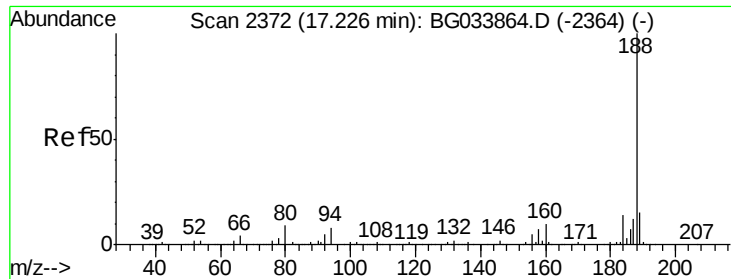
#44
 2-Fluorobiphenyl
 Concen: 84.478 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033892.D
 Acq: 20 Apr 2018 18:52

Tgt Ion:172 Resp: 1064812
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.6 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

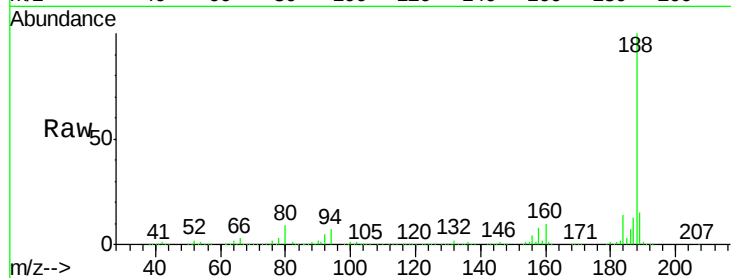




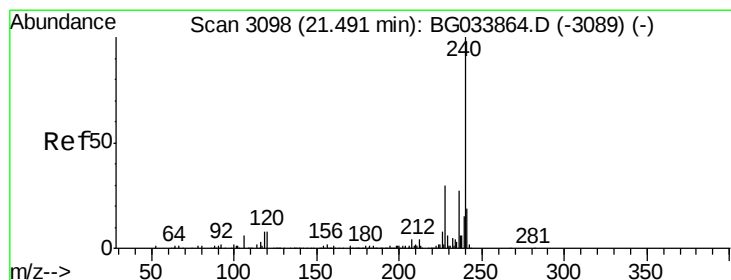
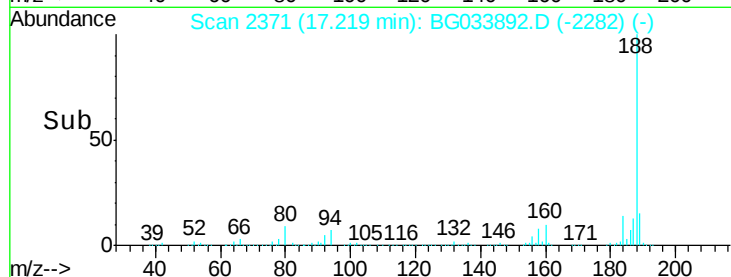
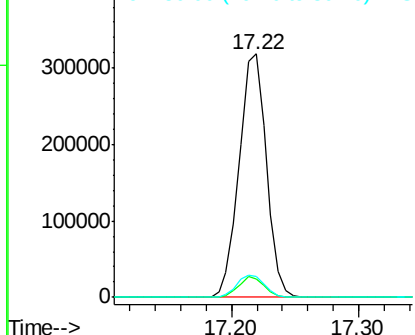
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tot Ion:188 Resp: 473828
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.7 7.7 11.5

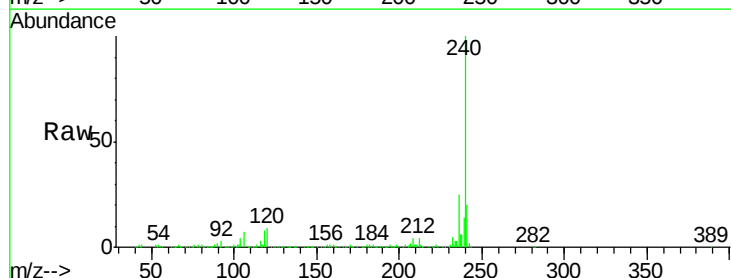


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

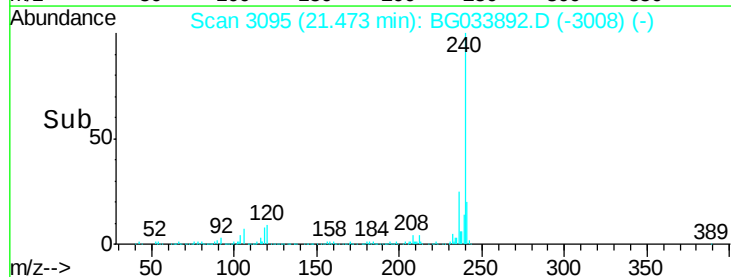
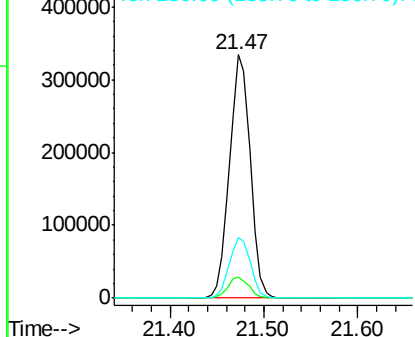


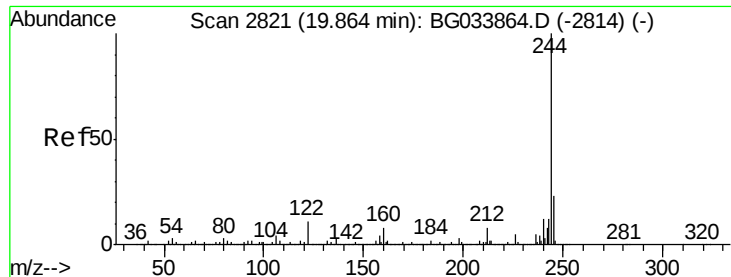
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:240 Resp: 512197
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 24.6 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: 81.016 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033892.D

Acq: 20 Apr 2018 18:52

Instrument :

BNA_G

ClientSampleId :

PB108385BL

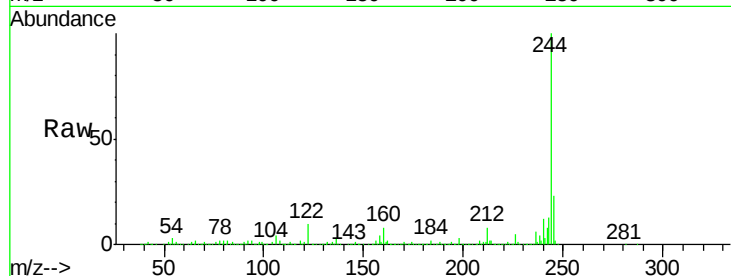
Tot Ion:244 Resp: 1847048

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

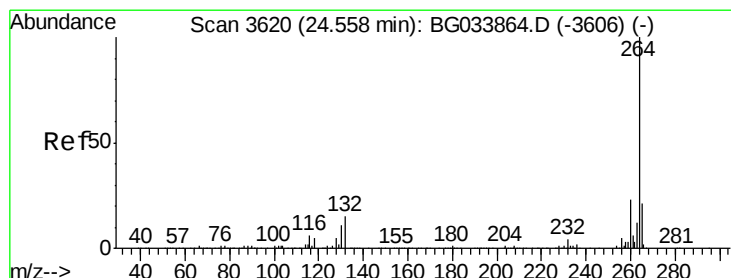
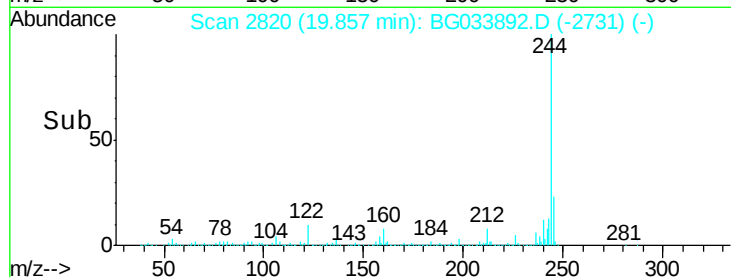
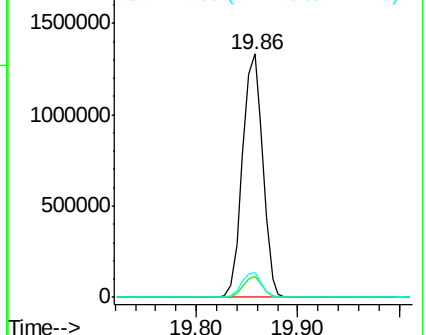
122 10.1 7.0 10.4



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: BG033892.D

Acq: 20 Apr 2018 18:52

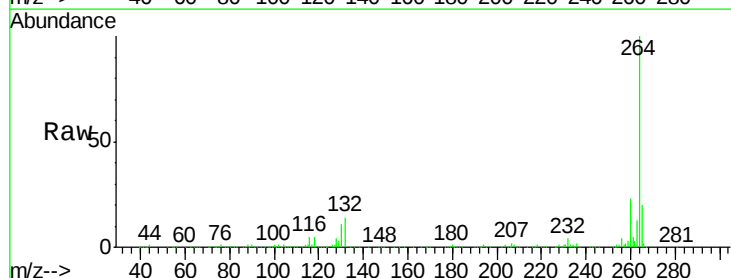
Tgt Ion:264 Resp: 506887

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.5 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

