

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033895.D
 Acq On : 20 Apr 2018 20:45
 Operator : SJ/JU
 Sample : PB108418BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BL

Quant Time: Apr 21 05:44:43 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	73513	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	307919	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	193269	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	496792	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	536767	20.00	ng	-0.02
86) Perylene-d12	24.54	264	536696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	596705	129.59	ng	0.00
7) Phenol-d6	7.00	99	779750	116.10	ng	0.00
23) Nitrobenzene-d5	8.98	82	466618	86.24	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	313473	139.03	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1117032	84.90	ng	-0.01
78) Terphenyl-d14	19.86	244	1916490	80.21	ng	0.00

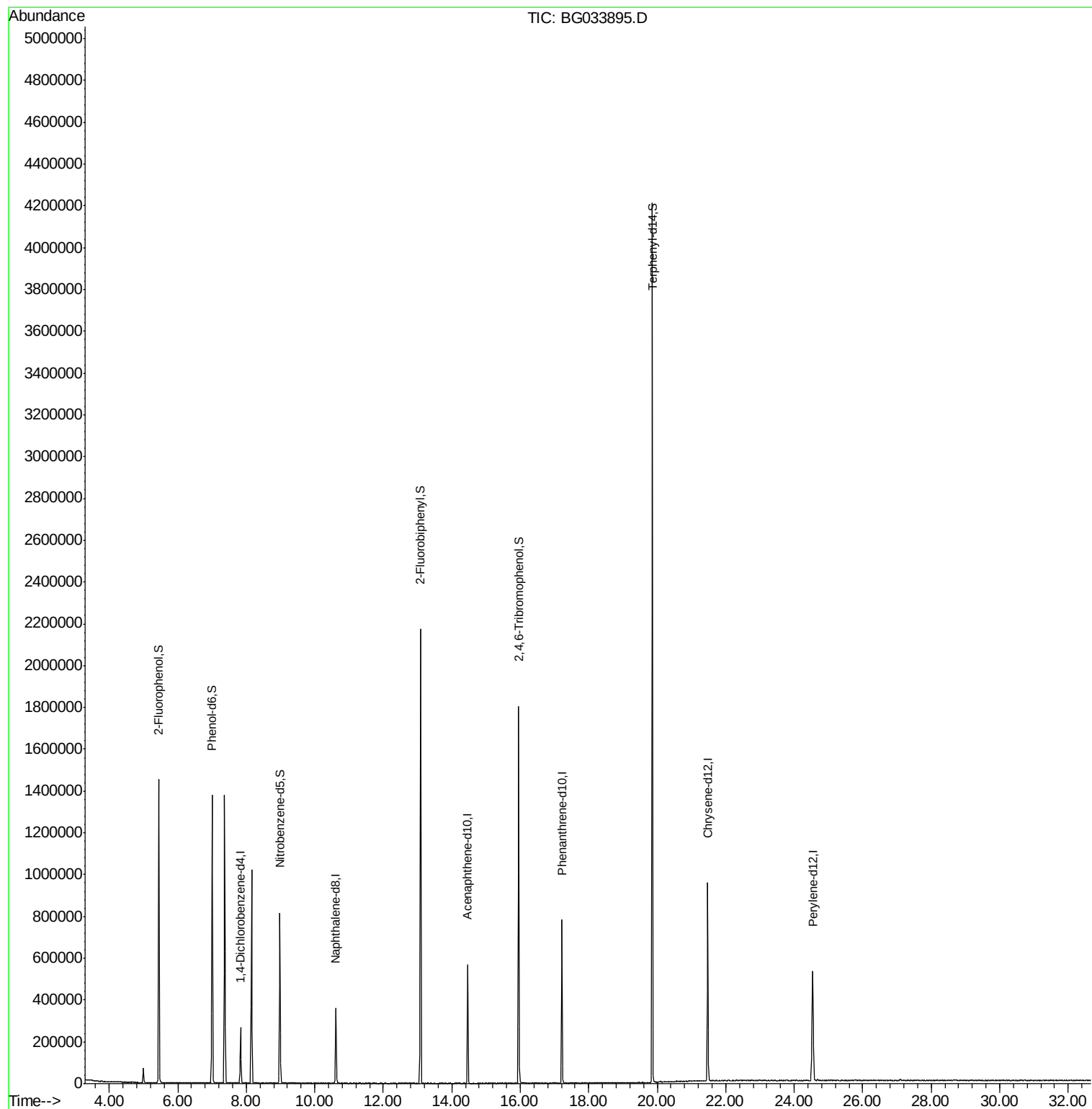
Target Compounds Qvalue

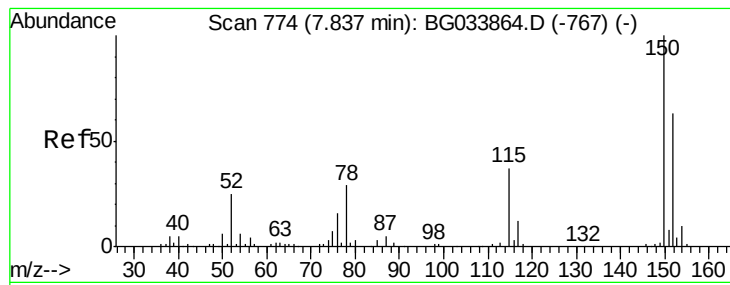
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

BNA_G

ClientSampleId :

PB108418BL

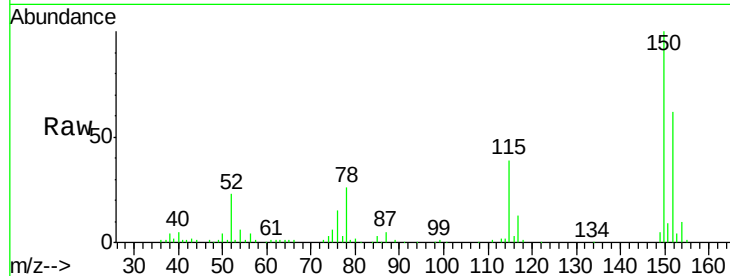
Tot Ion:152 Resp: 73513

Ion Ratio Lower Upper

152 100

150 161.7 126.6 189.8

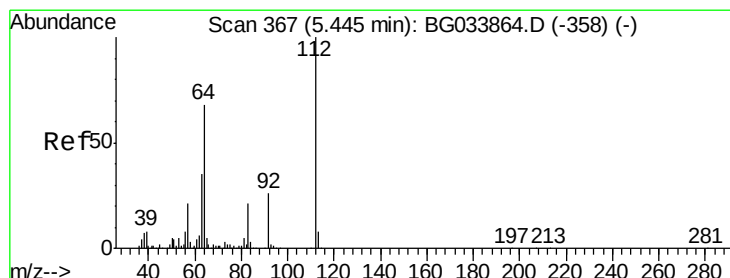
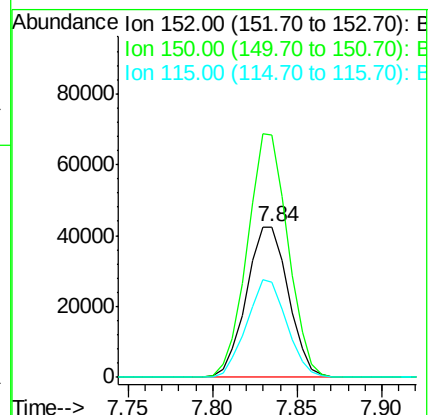
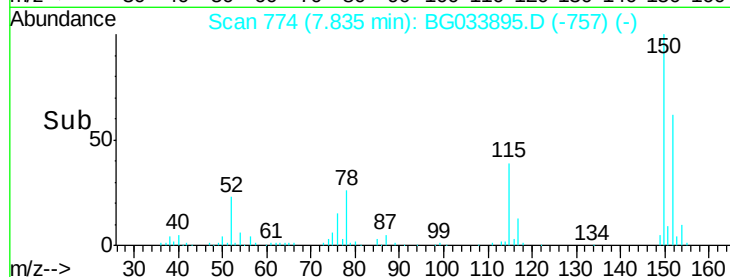
115 63.8 53.0 79.4



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: 129.591 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

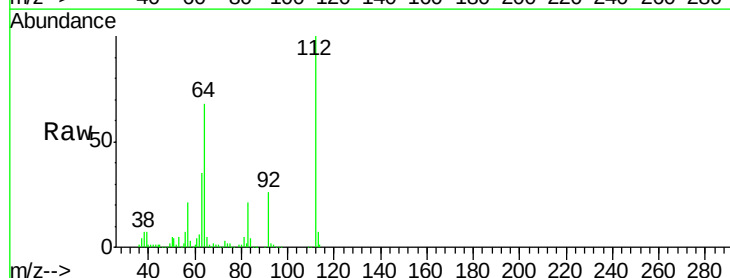
Tgt Ion:112 Resp: 596705

Ion Ratio Lower Upper

112 100

64 67.6 56.3 84.5

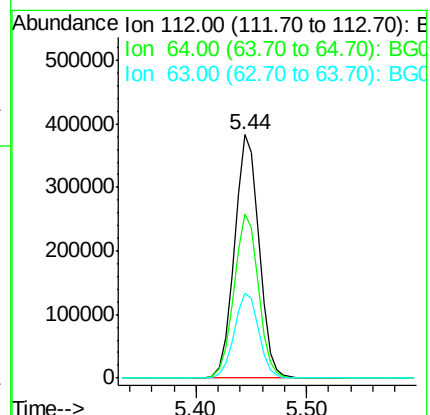
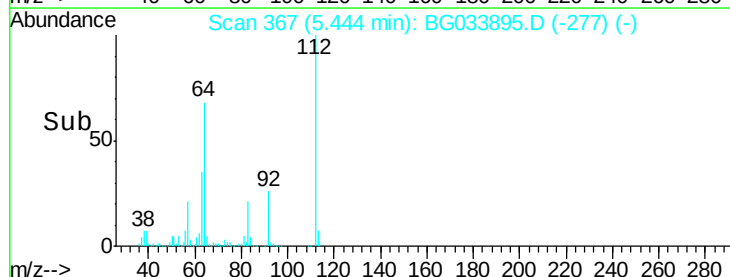
63 35.0 30.1 45.1

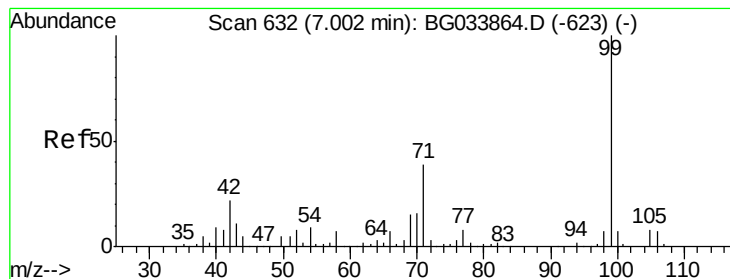


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.104 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

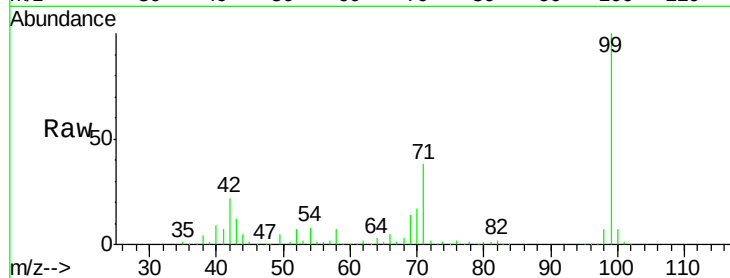
BNA_G

ClientSampleId :

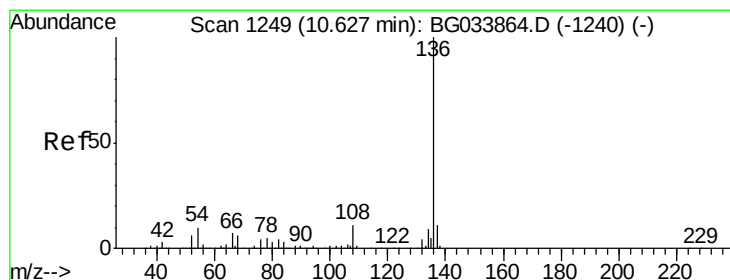
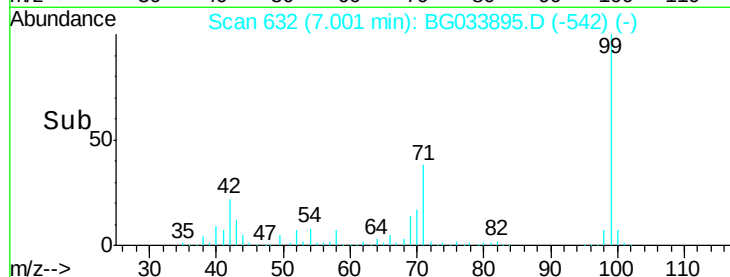
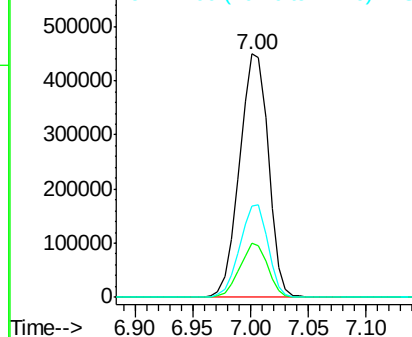
PB108418BL

Tot Ion: 99 Resp: 779750

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.1	21.1#
71	37.6	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: 10.61 min Scan# 1247

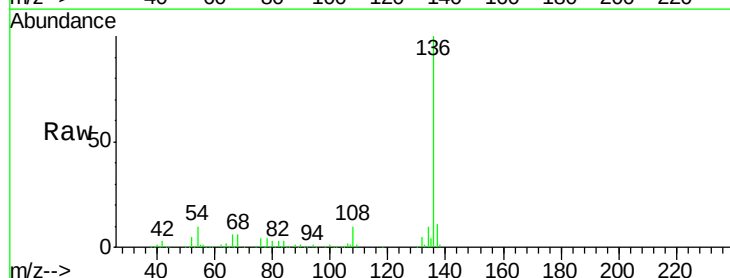
Delta R.T. -0.01 min

Lab File: BG033895.D

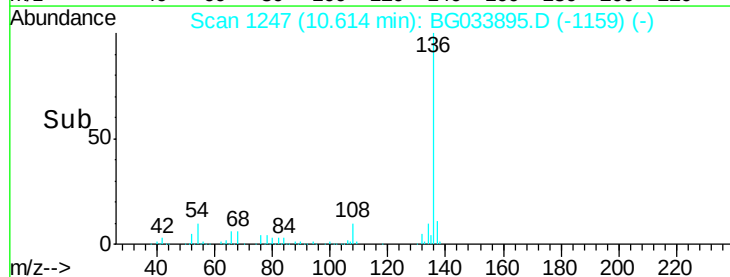
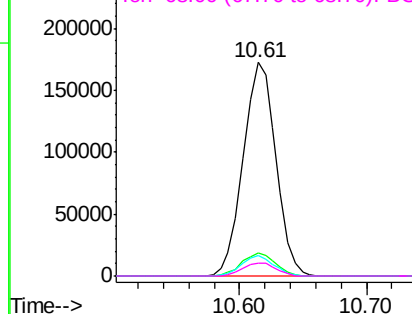
Acq: 20 Apr 2018 20:45

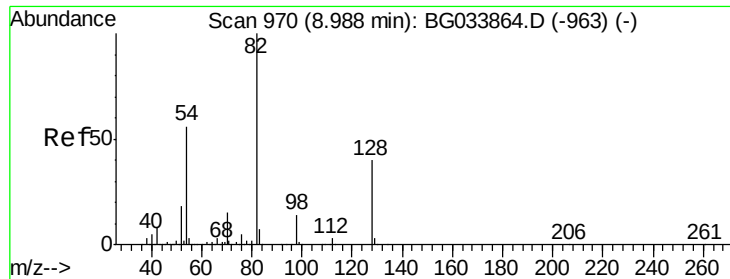
Tgt Ion: 136 Resp: 307919

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.7	10.3	15.5#
68	5.8	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

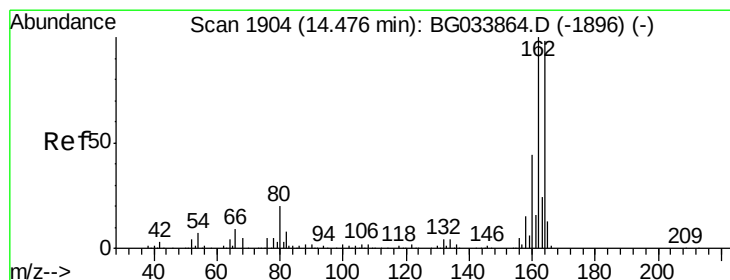
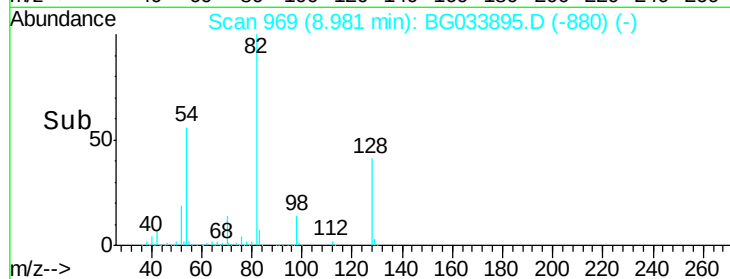
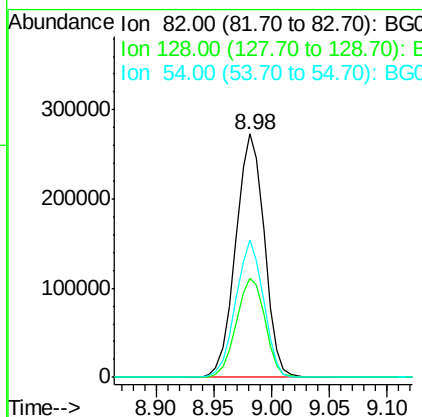
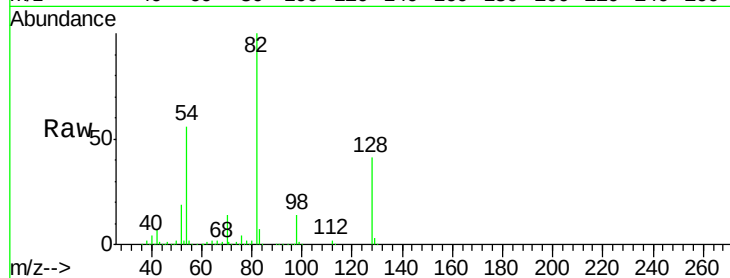




#23
 Nitrobenzene-d5
 Concen: 86.240 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

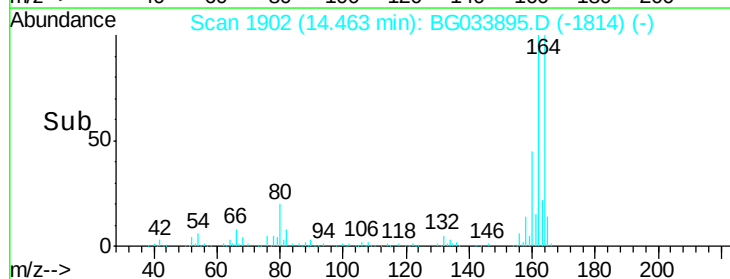
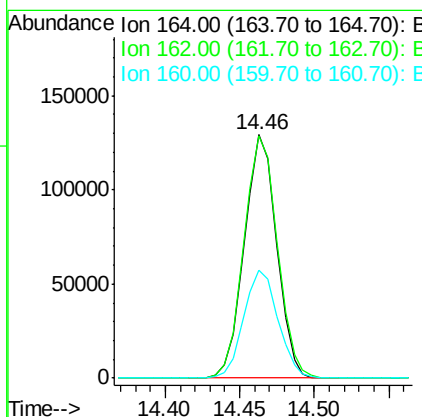
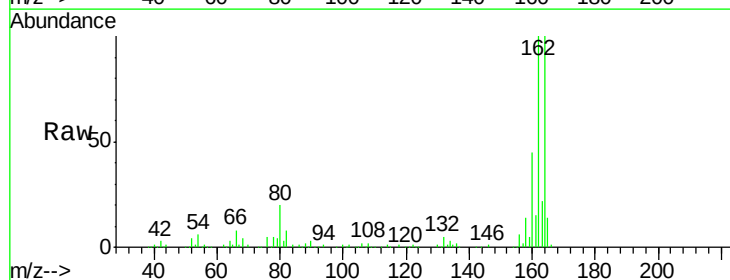
Instrument :
 BNA_G
 ClientSampleId :
 PB108418BL

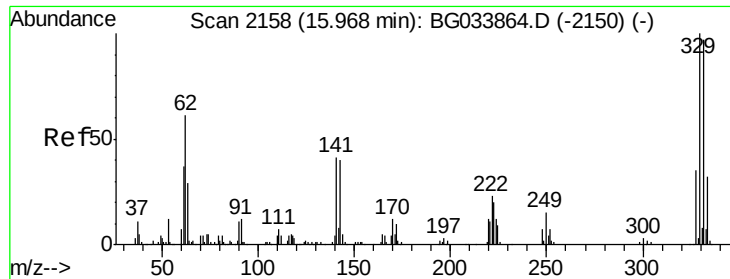
Tot Ion	82	Resp	466618
Ion Ratio	Lower	Upper	
82	100		
128	40.8	29.7	44.5
54	56.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Tgt Ion	164	Resp	193269
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	44.5	35.4	53.0

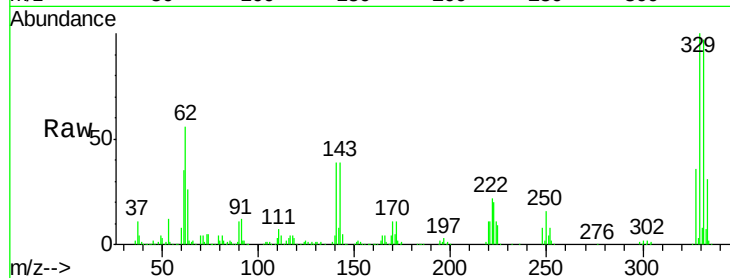




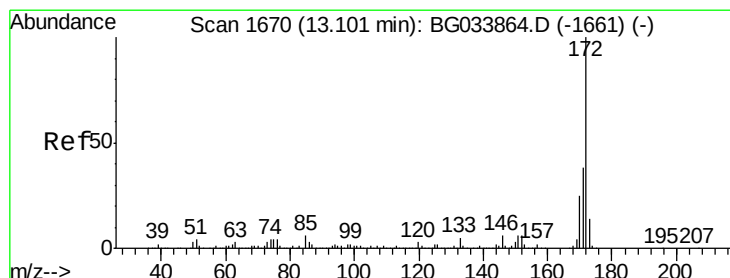
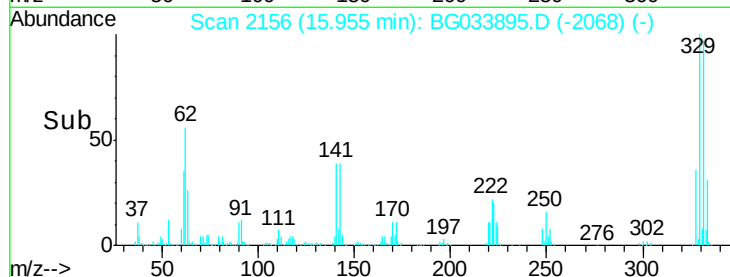
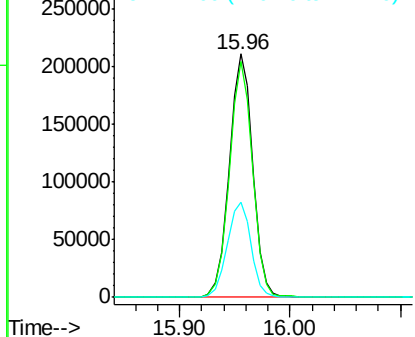
#41
 2,4,6-Tribromophenol
 Concen: 139.025 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Instrument :
 BNA_G
 ClientSampled :
 PB108418BL

Tot Ion:330 Resp: 313473
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 39.8 25.2 37.8#

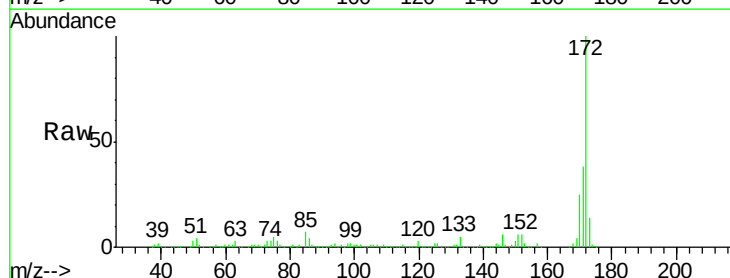


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

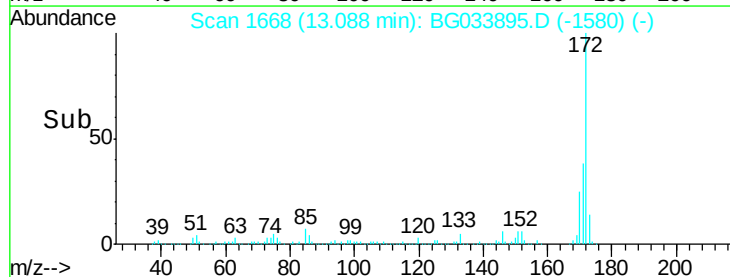
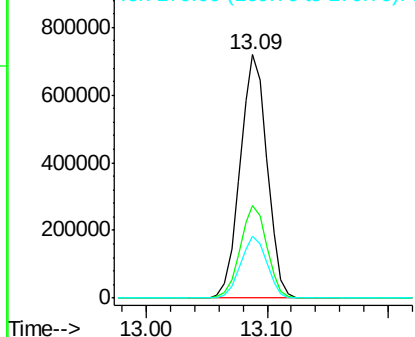


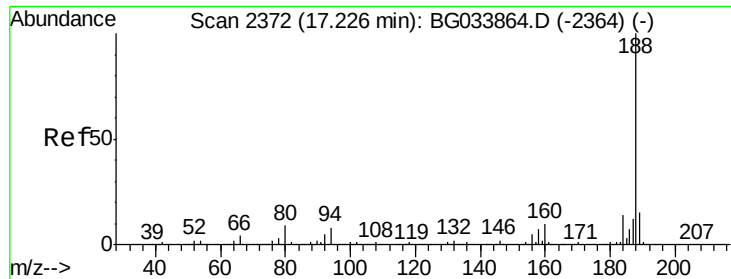
#44
 2-Fluorobiphenyl
 Concen: 84.905 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Tgt Ion:172 Resp: 1117032
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.3 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

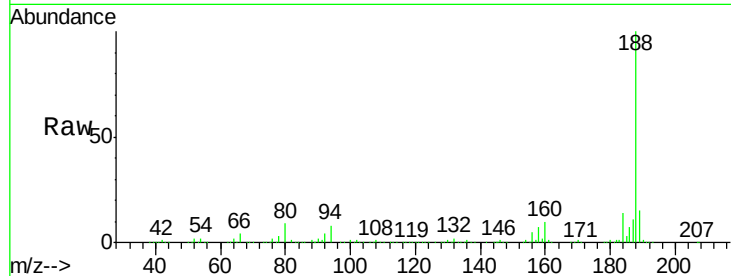




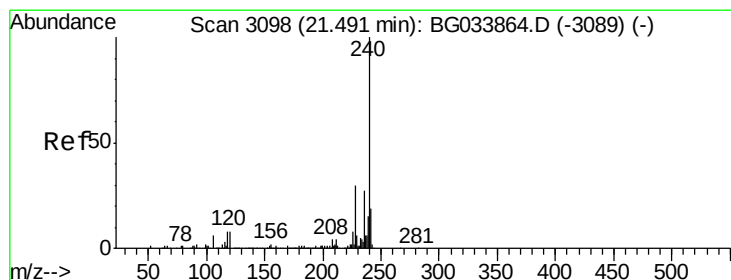
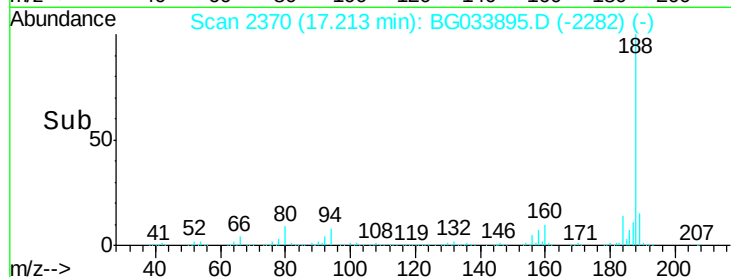
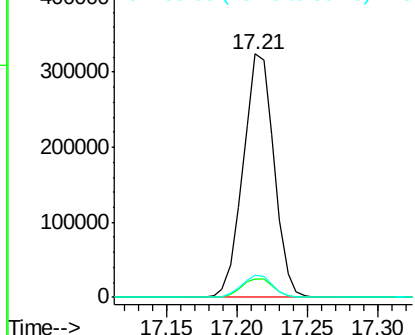
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Instrument :
BNA_G
ClientSampleId :
PB108418BL

Tot Ion:188 Resp: 496792
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.0 7.7 11.5

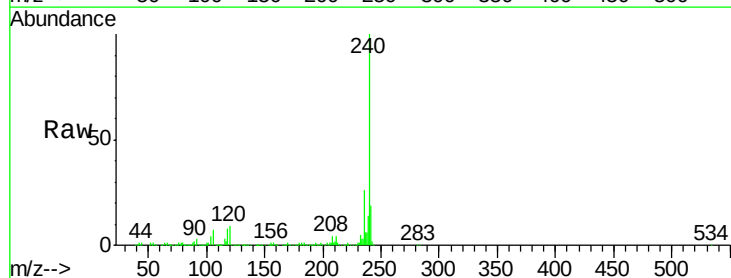


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

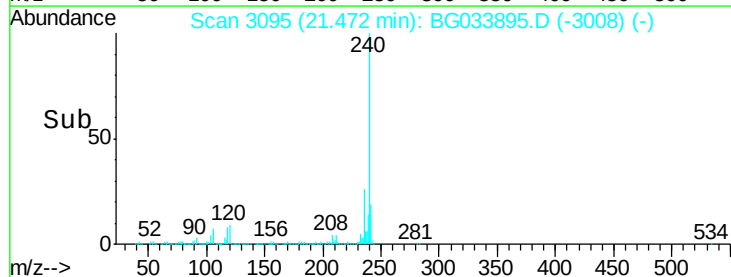
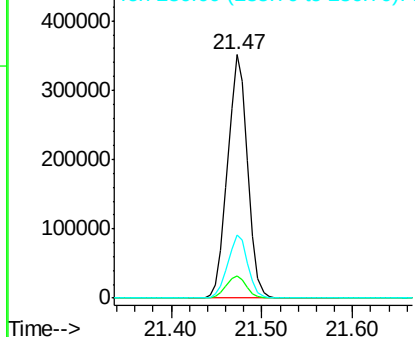


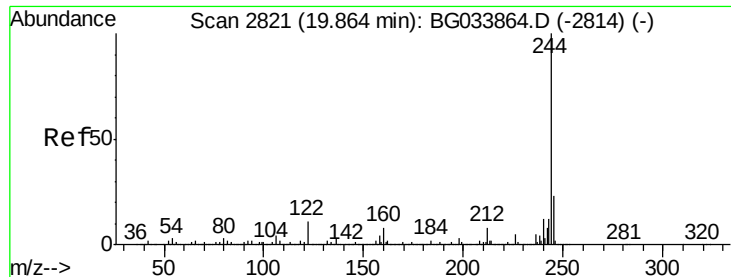
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Tgt Ion:240 Resp: 536767
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 26.0 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: 80.214 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

BNA_G

ClientSampleId :

PB108418BL

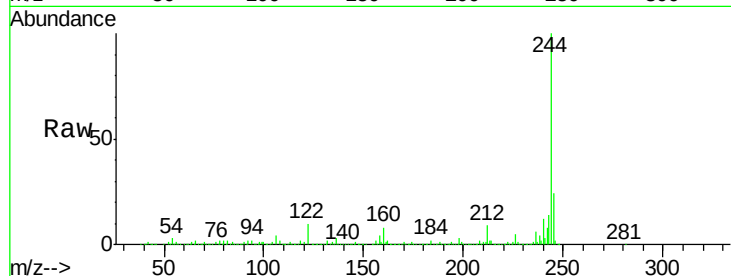
Tot Ion:244 Resp: 1916490

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

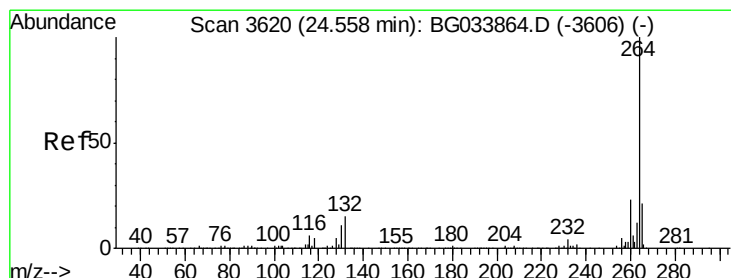
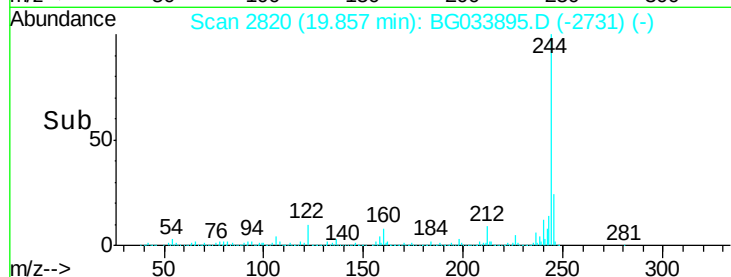
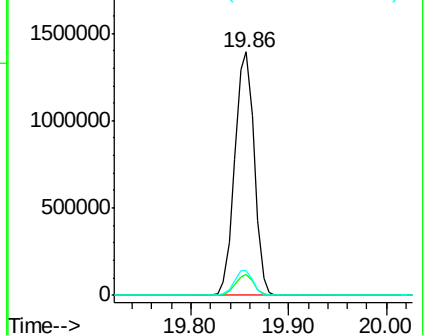
122 10.3 7.0 10.4



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: BG033895.D

Acq: 20 Apr 2018 20:45

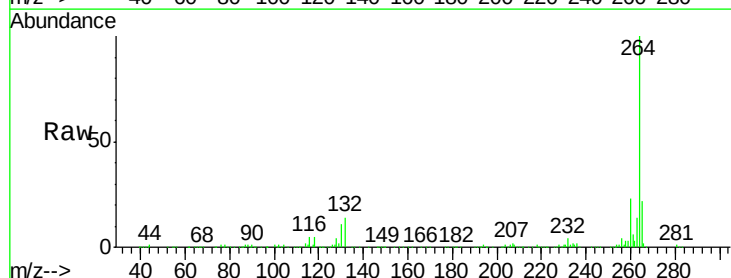
Tgt Ion:264 Resp: 536696

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.7 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

