

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033999.D
 Acq On : 25 Apr 2018 22:56
 Operator : SJ/JU
 Sample : PB108595BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108595BL

Quant Time: Apr 26 07:06:10 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	7.83	152	55503	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	256147	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	180282	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	497168	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	581302	20.00	ng	-0.03
86) Perylene-d12	24.52	264	572305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	442218	127.20	ng	0.00
7) Phenol-d6	7.00	99	597189	117.77	ng	0.00
23) Nitrobenzene-d5	8.97	82	356658	79.24	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	301655	143.42	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	977050	79.61	ng	-0.02
78) Terphenyl-d14	19.84	244	1940500	75.00	ng	-0.02

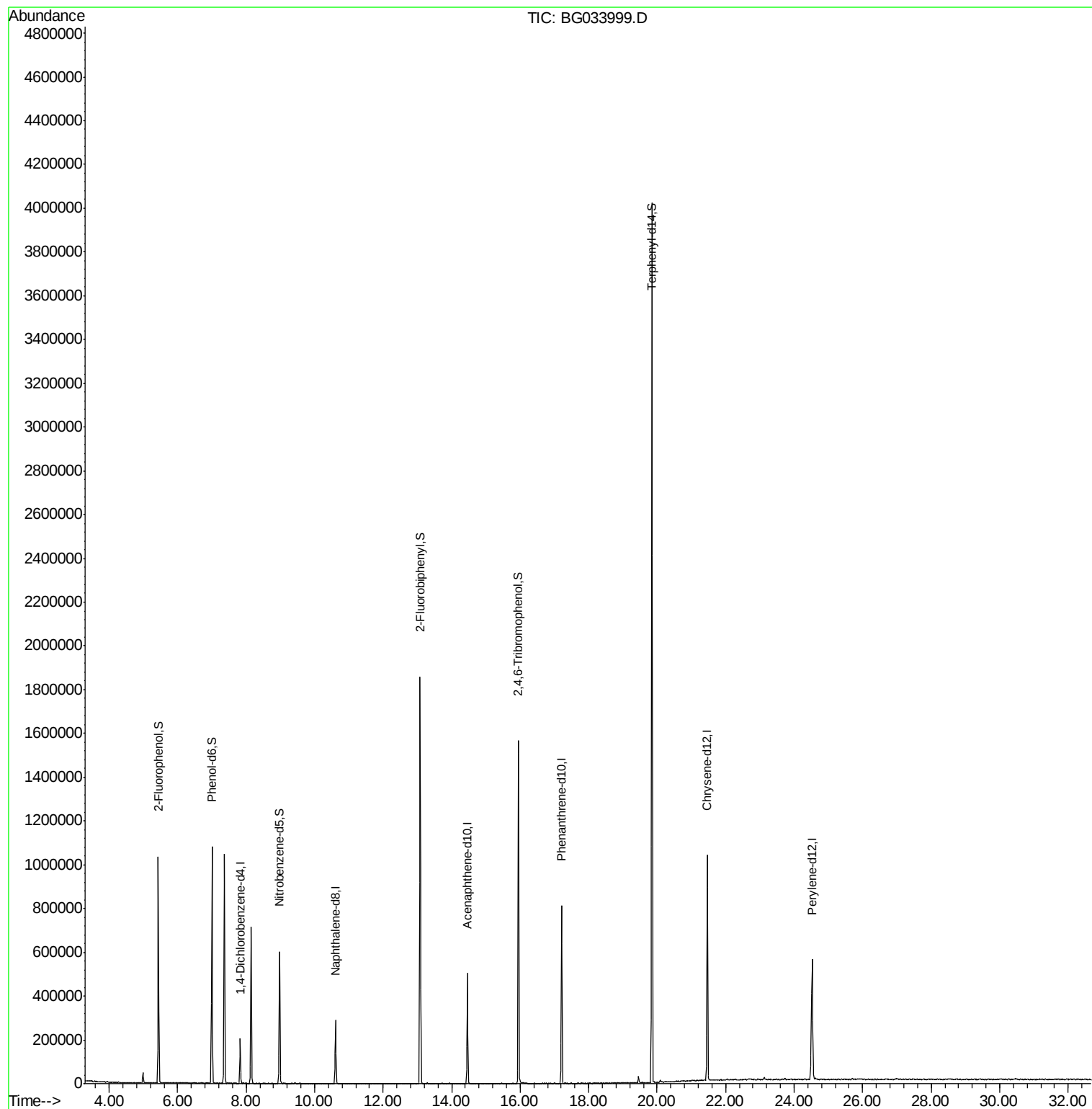
Target Compounds Qvalue

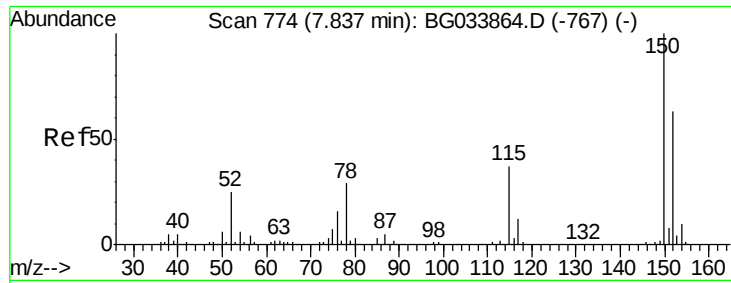
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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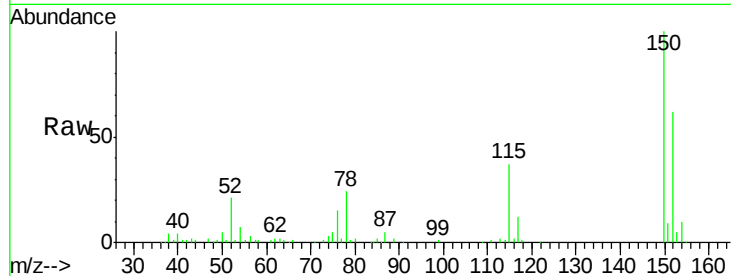


#1

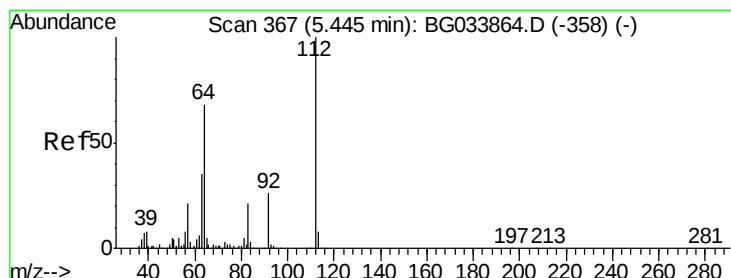
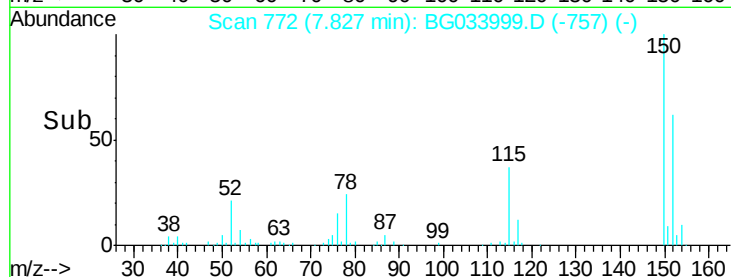
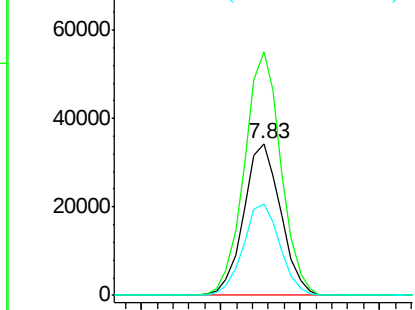
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :
PB108595BL

Tot Ion:152 Resp: 55503
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 60.0 53.0 79.4



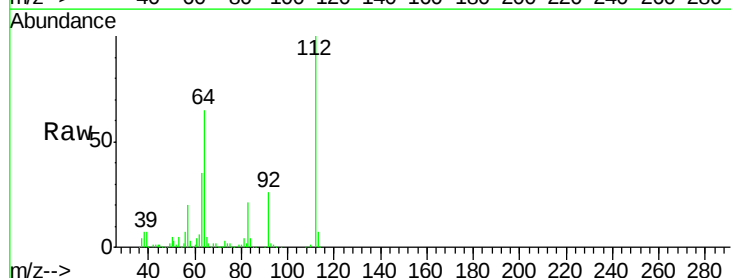
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



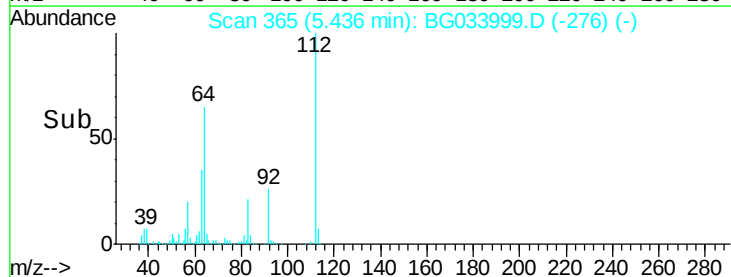
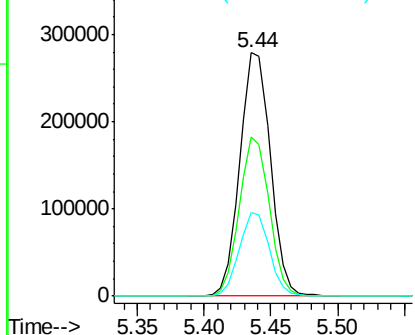
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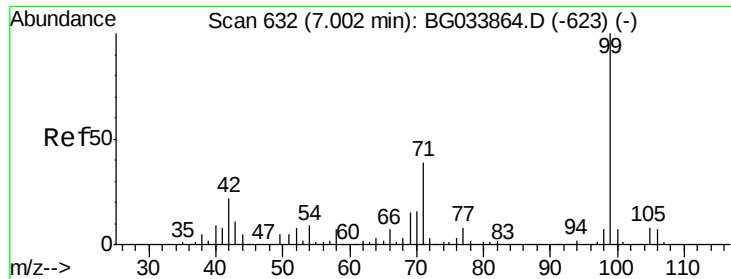
2-Fluorophenol
Concen: 127.203 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Tgt Ion:112 Resp: 442218
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 34.5 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: 117.774 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

PB108595BL

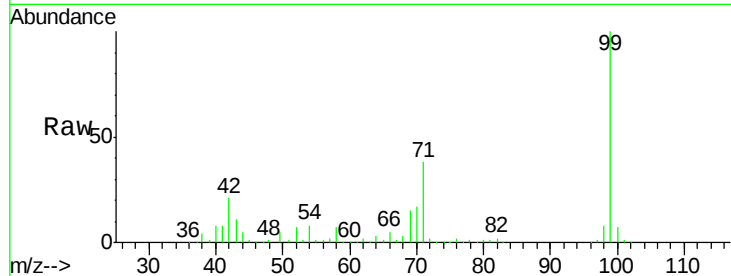
Tot Ion: 99 Resp: 597189

Ion Ratio Lower Upper

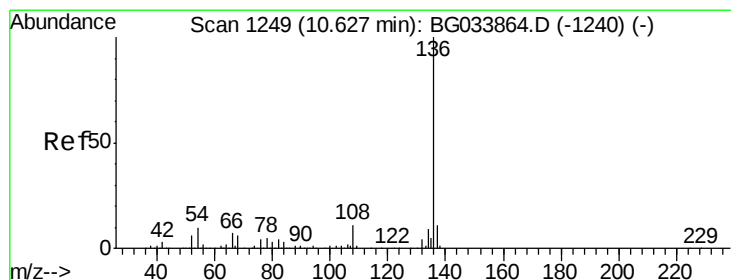
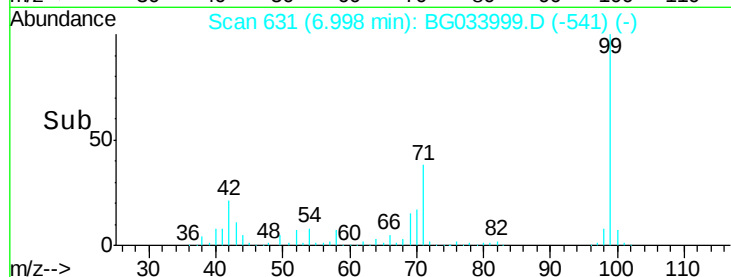
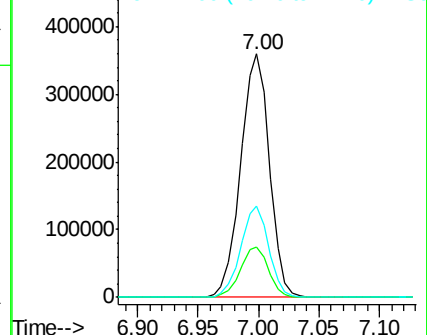
99 100

42 20.7 14.1 21.1

71 37.7 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

Tgt Ion: 136 Resp: 256147

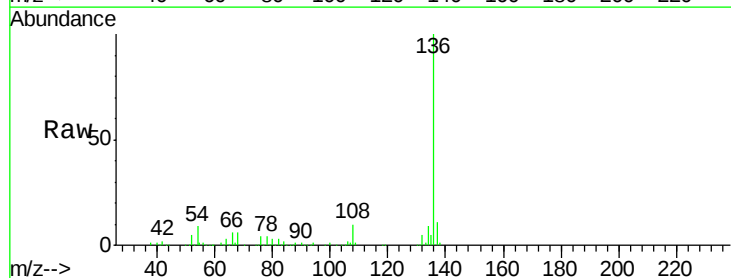
Ion Ratio Lower Upper

136 100

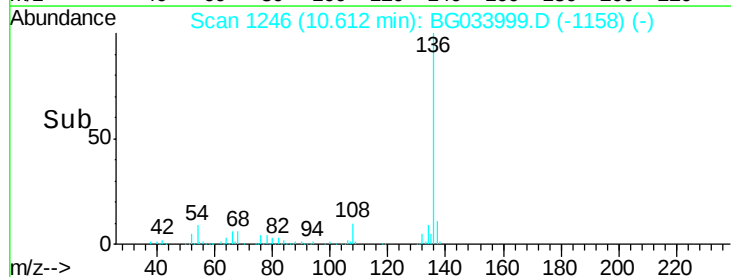
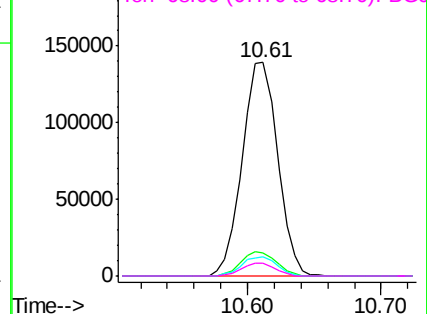
137 10.7 9.2 13.8

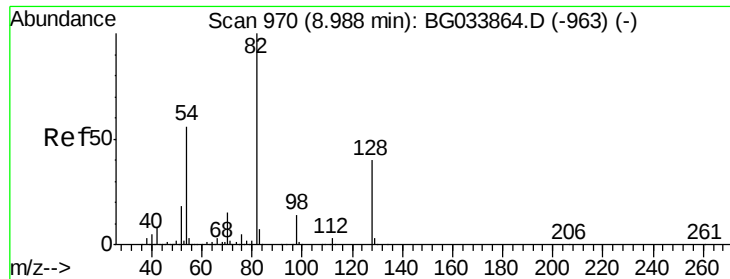
54 9.0 10.3 15.5#

68 5.7 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

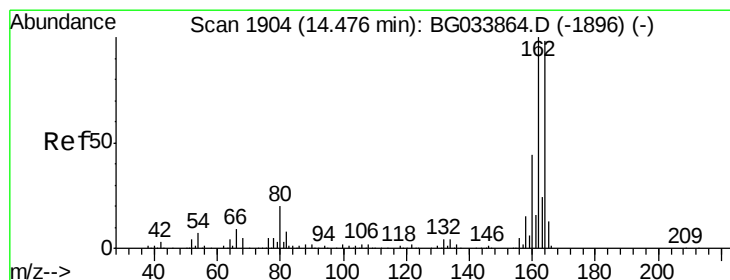
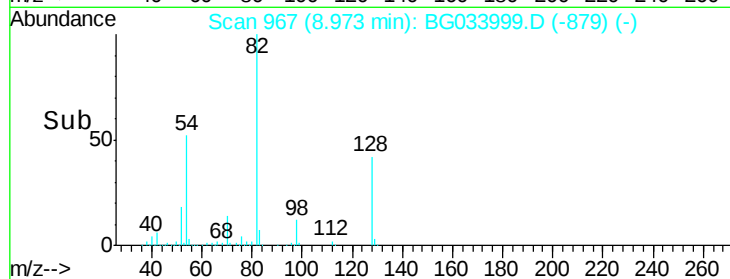
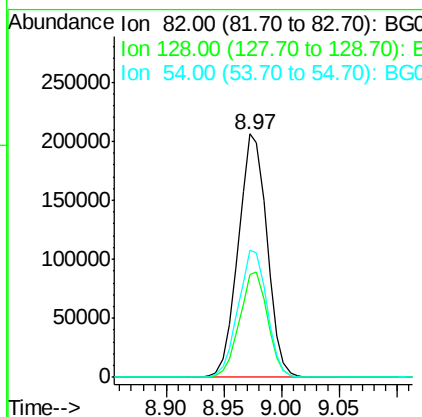
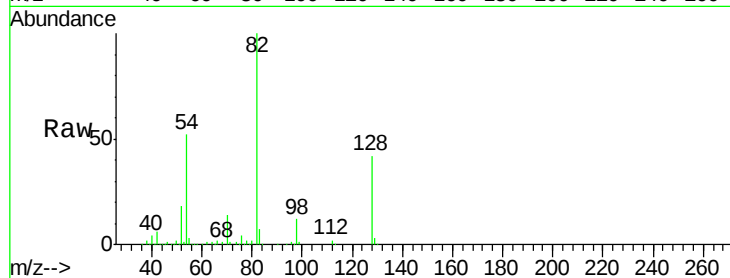




#23
 Nitrobenzene-d5
 Concen: 79.241 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

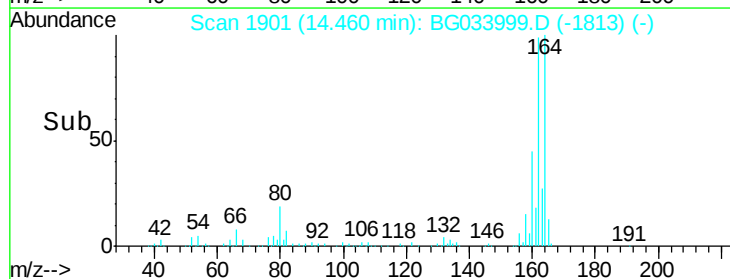
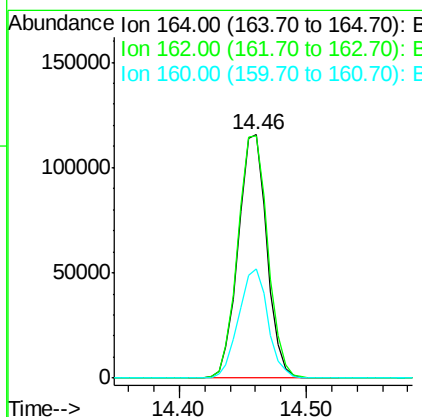
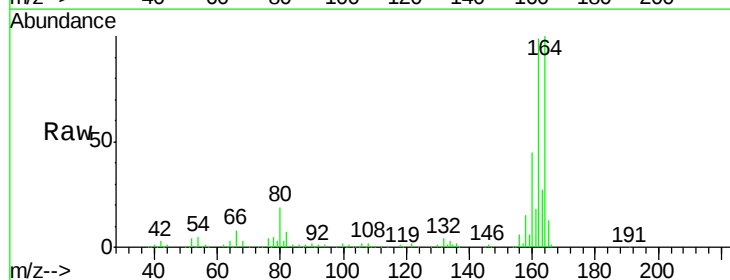
Instrument :
 BNA_G
 ClientSampled :
 PB108595BL

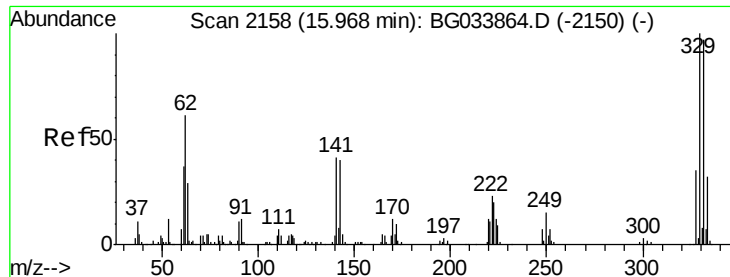
Tot Ion	82	Resp	356658
Ion Ratio	Lower	Upper	
82	100		
128	42.0	29.7	44.5
54	52.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion	164	Resp	180282
Ion Ratio	Lower	Upper	
164	100		
162	99.4	78.8	118.2
160	45.0	35.4	53.0

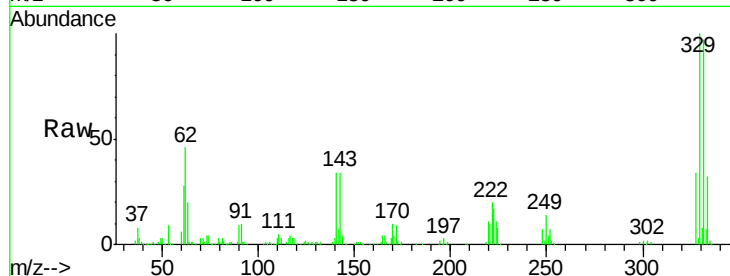




#41
 2,4,6-Tribromophenol
 Concen: 143.421 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampleId :
 PB108595BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	25.2	37.8

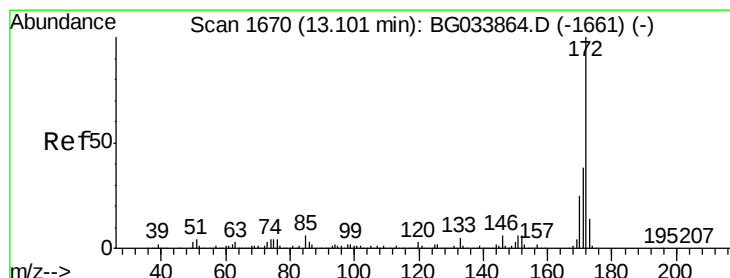
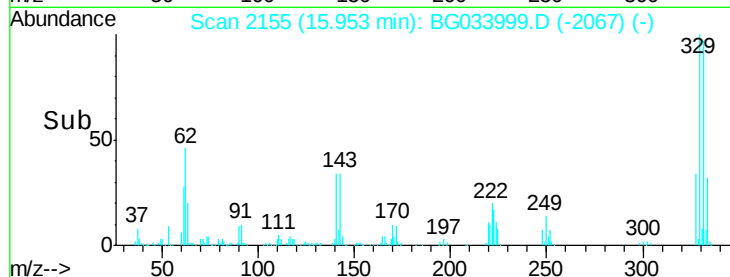
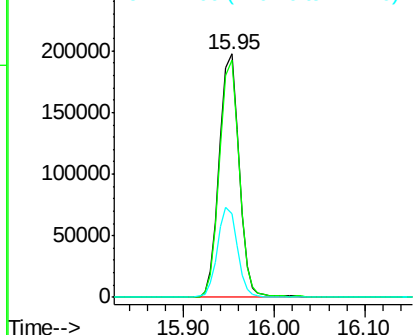


Abundance

Ion 329.80 (329.50 to 330.50): E

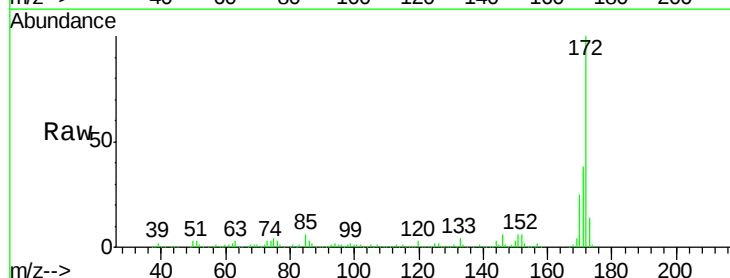
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.615 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.7	19.5	29.3

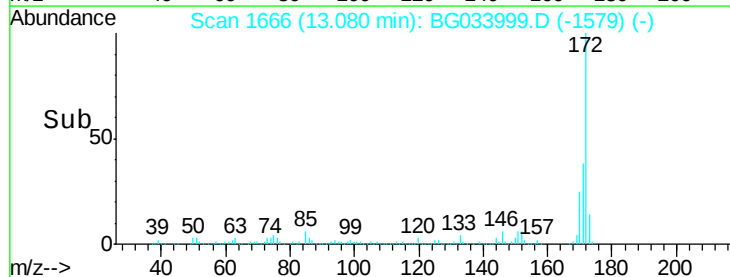
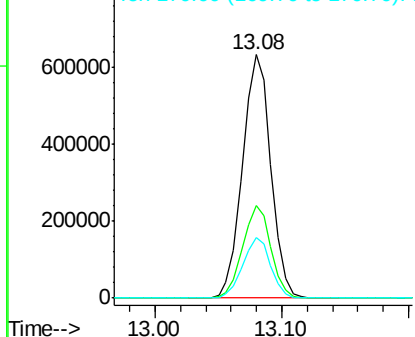


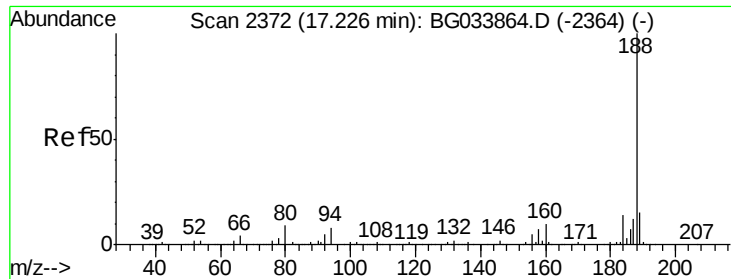
Abundance

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

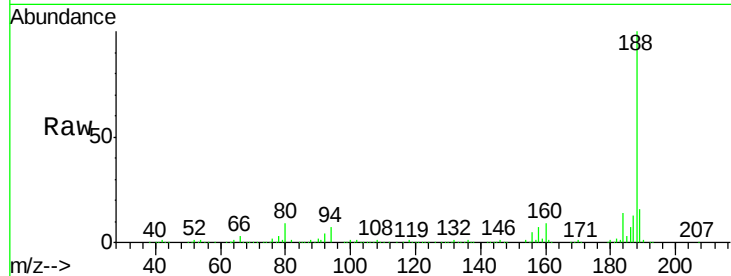




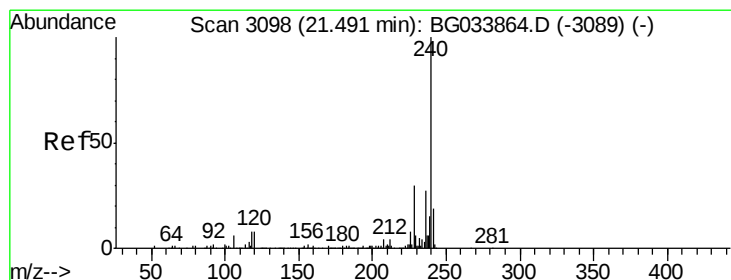
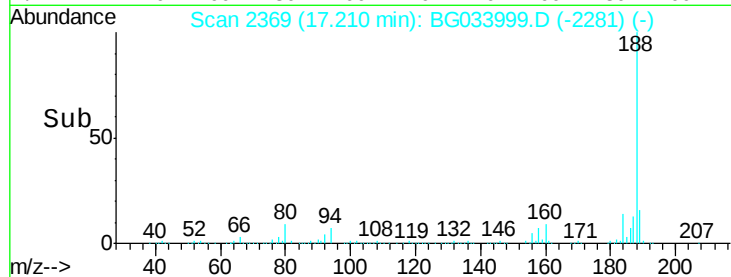
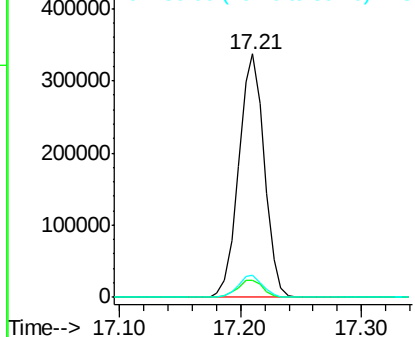
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :
PB108595BL

Tot Ion:188 Resp: 497168
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.1 7.7 11.5

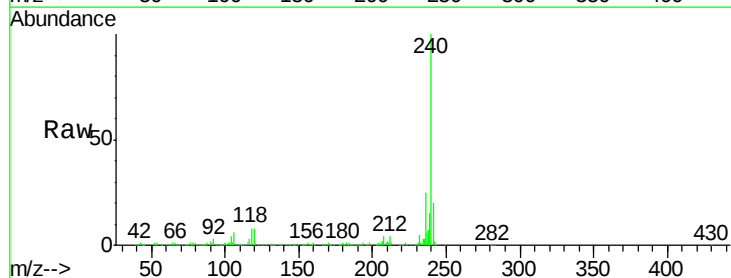


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

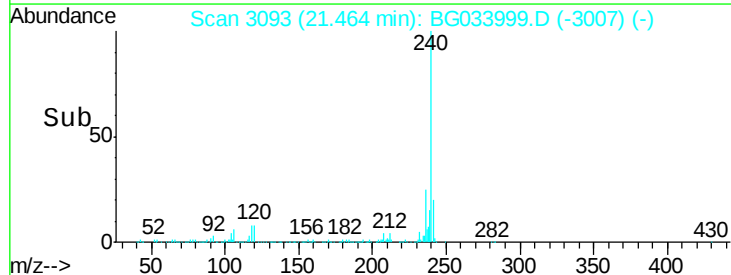
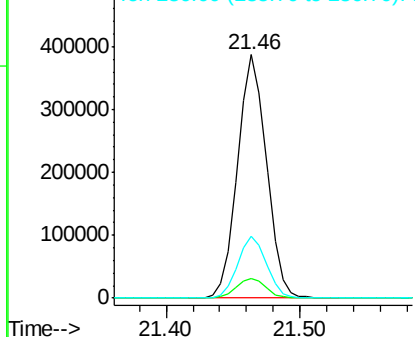


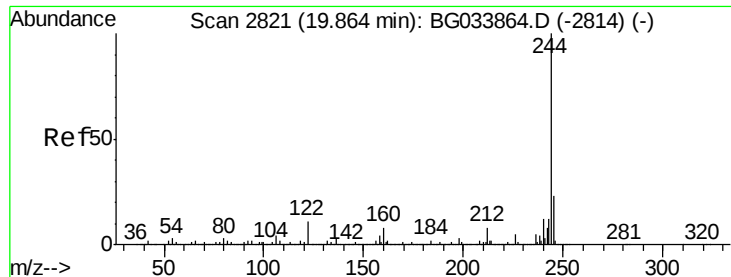
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Tgt Ion:240 Resp: 581302
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.3 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

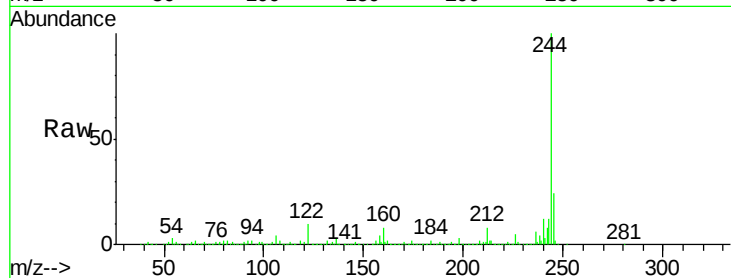




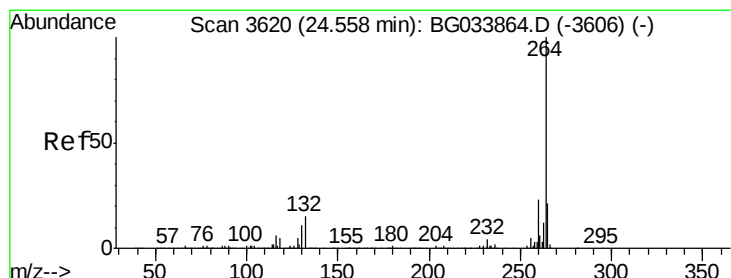
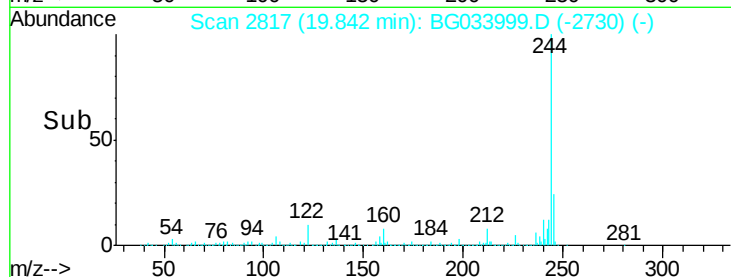
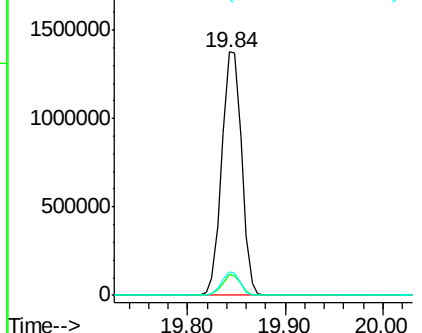
#78
 Terphenyl-d14
 Concen: 74.996 ng
 RT: 19.84 min Scan# 2817
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampleId :
 PB108595BL

Tot Ion:244 Resp: 1940500
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 9.8 7.0 10.4

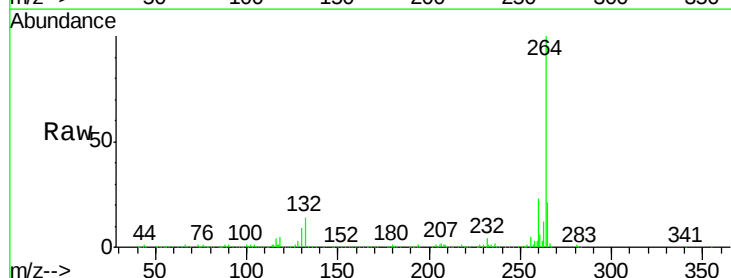


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.03 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion:264 Resp: 572305
 Ion Ratio Lower Upper
 264 100
 260 23.4 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

