

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033899.D
 Acq On : 21 Apr 2018 00:41
 Operator : SJ/JU
 Sample : J2473-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-D-S

Quant Time: Apr 21 05:50:01 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	60405	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	263004	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	164593	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	434227	20.00	ng	0.00
75) Chrysene-d12	21.47	240	524944	20.00	ng	-0.02
86) Perylene-d12	24.53	264	521301	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	190314	50.30	ng	0.00
7) Phenol-d6	6.99	99	155264	28.14	ng	0.00
23) Nitrobenzene-d5	8.98	82	479315	103.72	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	220297	114.72	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1139924	101.74	ng	-0.01
78) Terphenyl-d14	19.86	244	2183921	93.47	ng	0.00

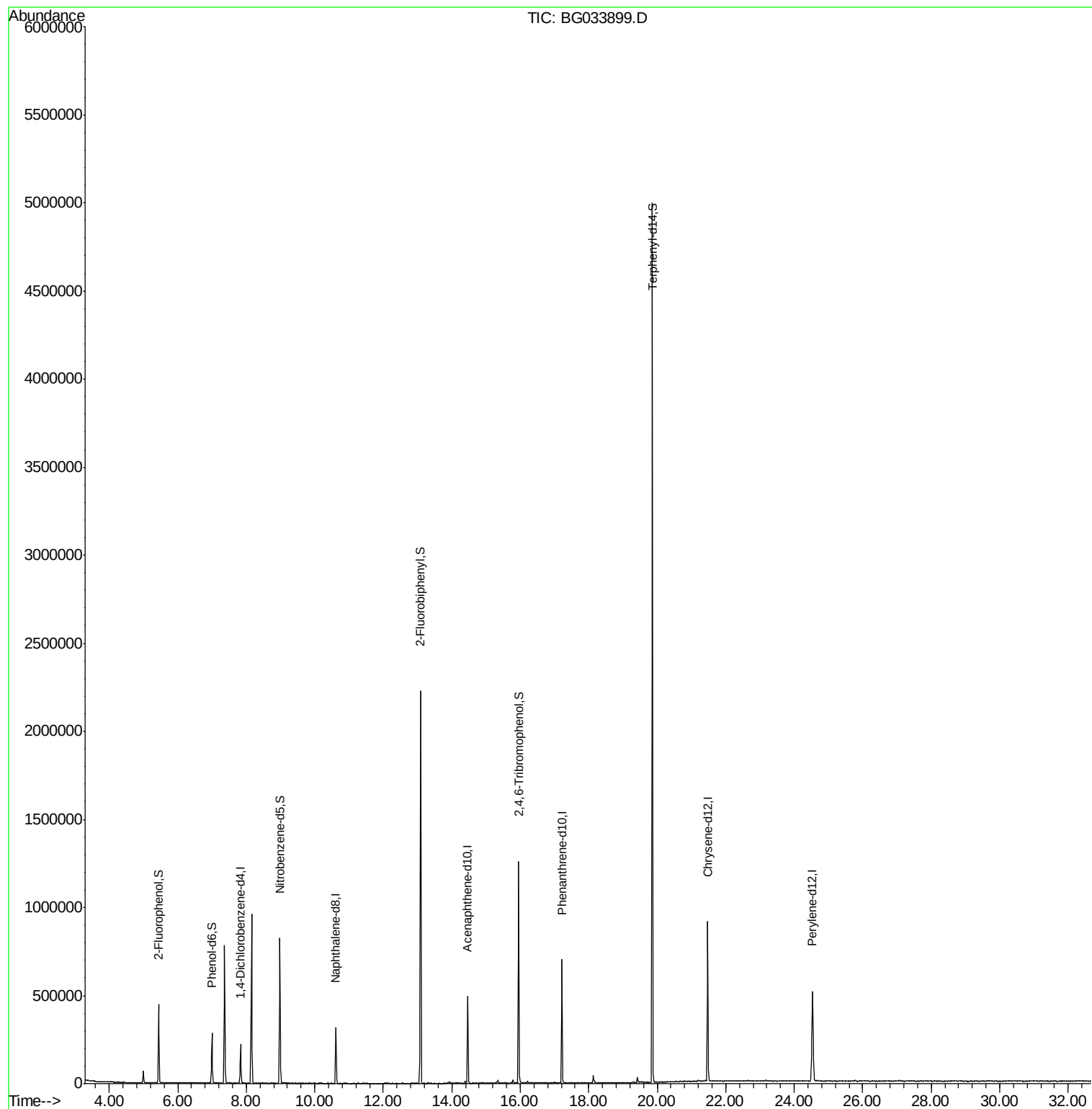
Target Compounds Qvalue

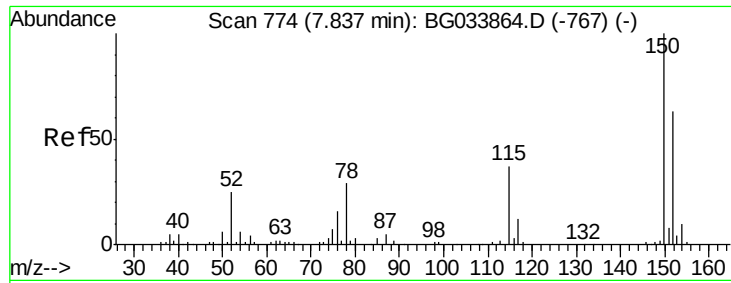
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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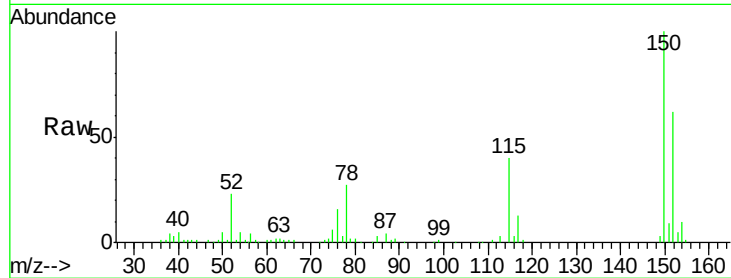


#1

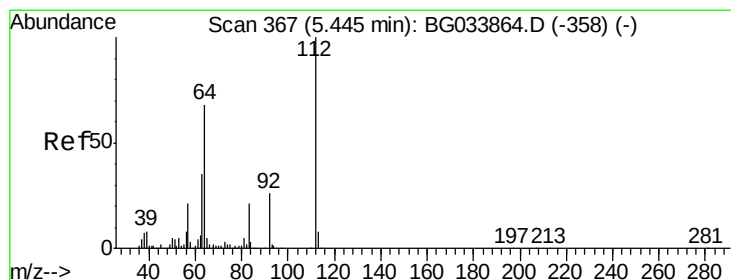
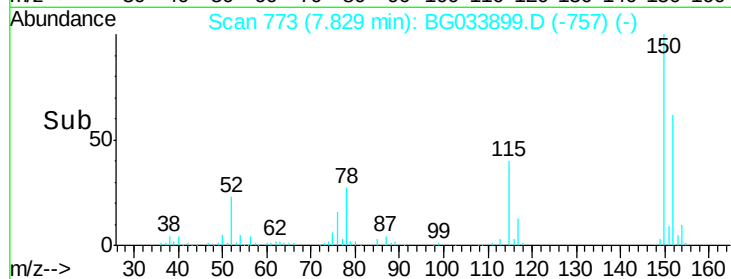
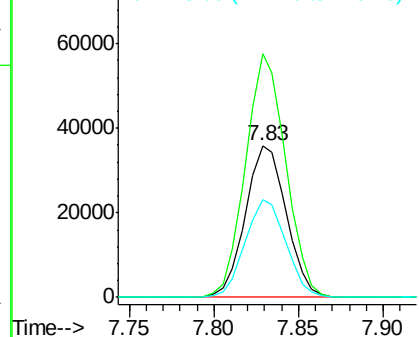
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033899.D
Acq: 21 Apr 2018 00:41

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	64.1	53.0	79.4



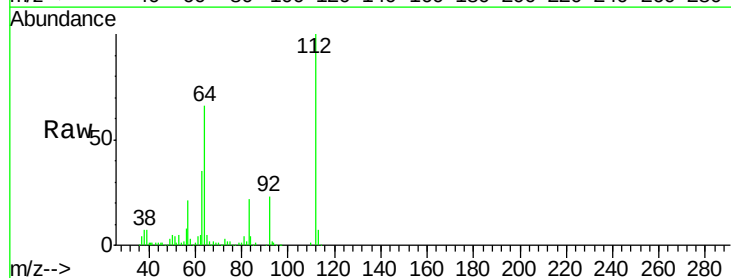
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



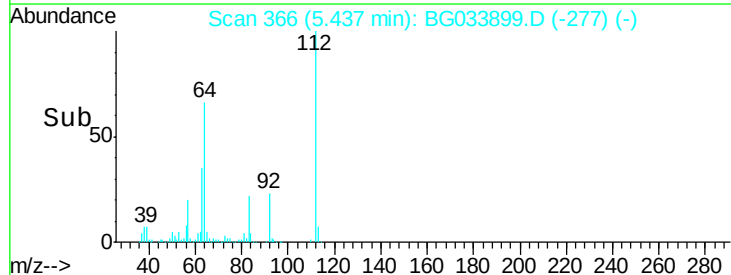
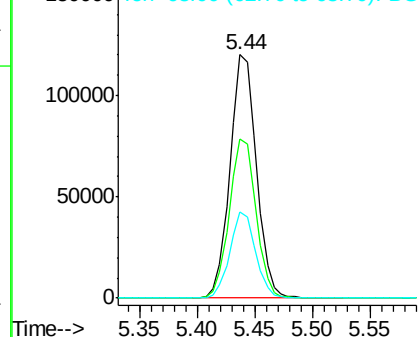
#5

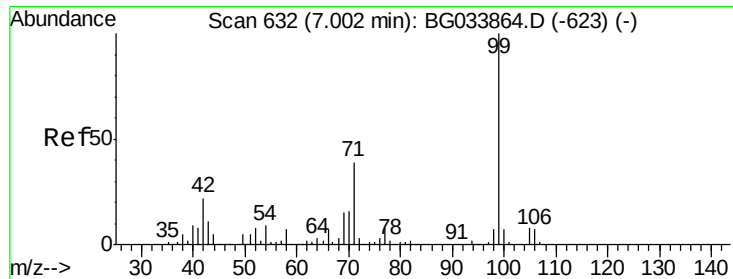
2-Fluorophenol
Concen: 50.301 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033899.D
Acq: 21 Apr 2018 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	35.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.135 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033899.D

Acq: 21 Apr 2018 00:41

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-D-S

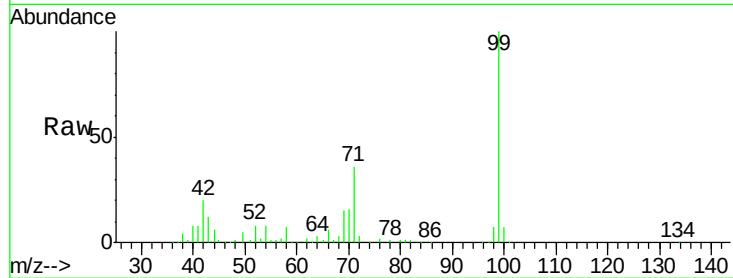
Tot Ion: 99 Resp: 155264

Ion Ratio Lower Upper

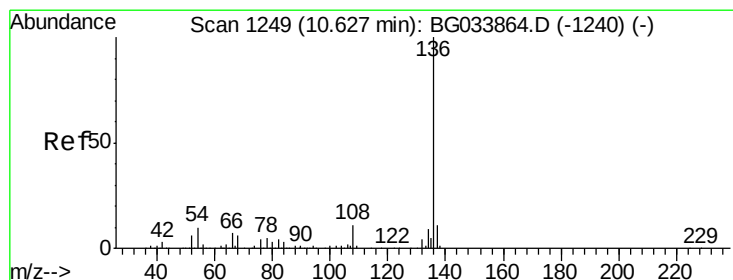
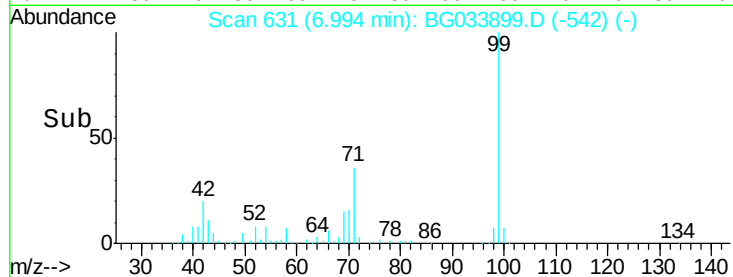
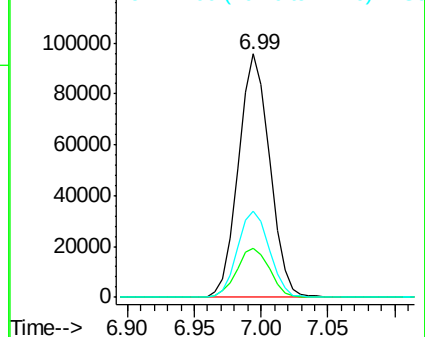
99 100

42 20.2 14.1 21.1

71 35.5 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: BG033899.D

Acq: 21 Apr 2018 00:41

Tgt Ion: 136 Resp: 263004

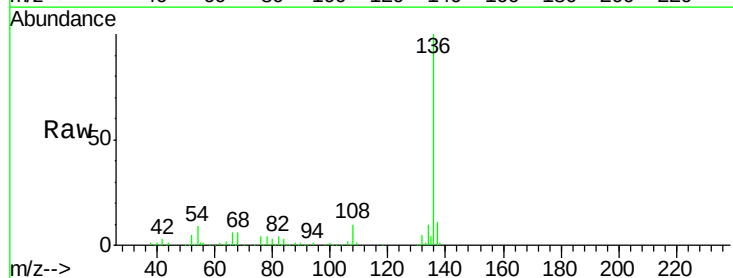
Ion Ratio Lower Upper

136 100

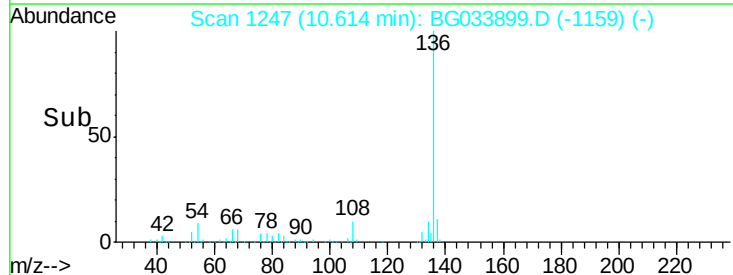
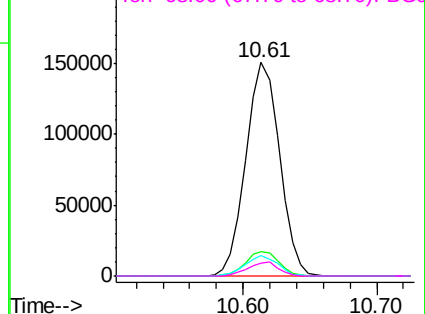
137 11.2 9.2 13.8

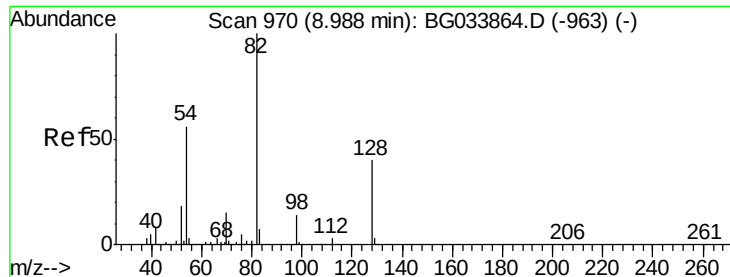
54 9.4 10.3 15.5#

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

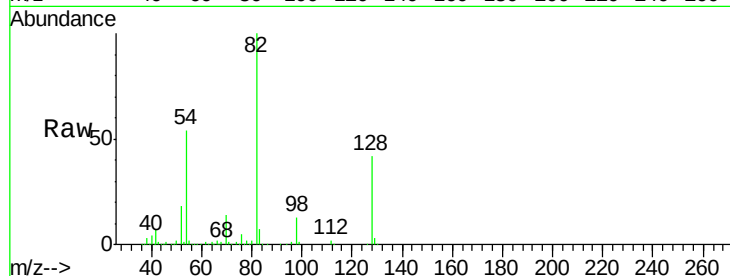




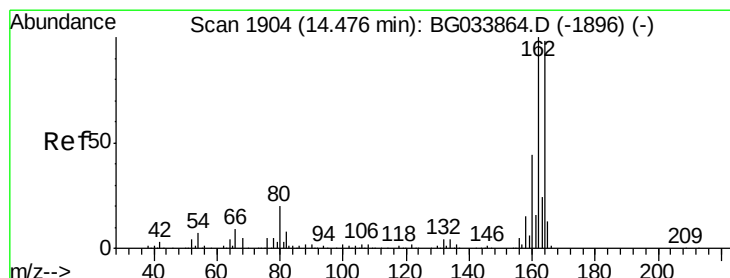
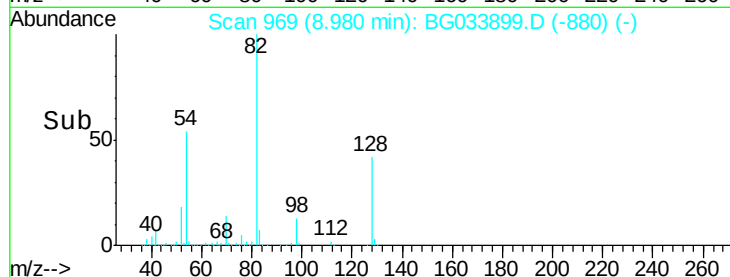
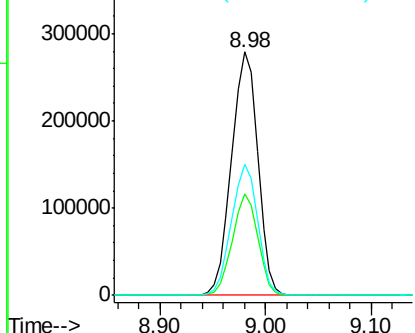
#23
 Nitrobenzene-d5
 Concen: 103.716 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033899.D
 Acq: 21 Apr 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-D-S

Tot Ion	82	Resp	479315
Ion Ratio	100	Lower	Upper
128	41.8	29.7	44.5
54	53.9	43.1	64.7

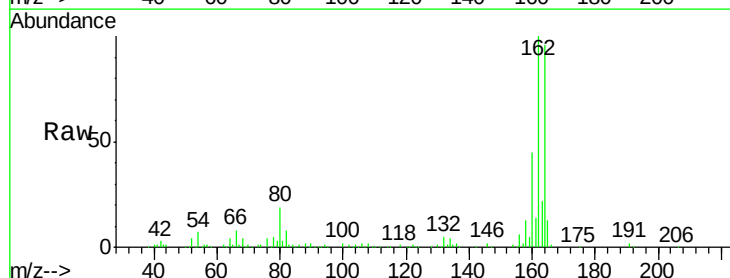


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

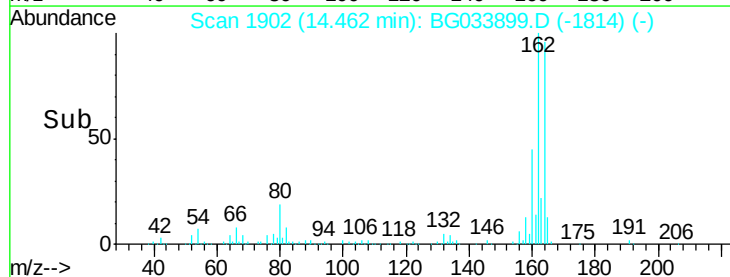
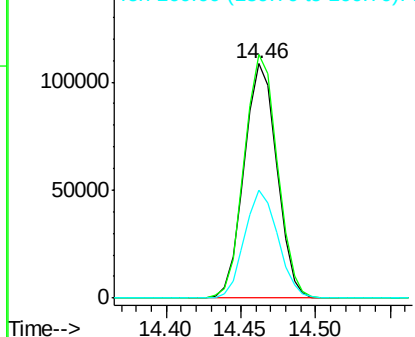


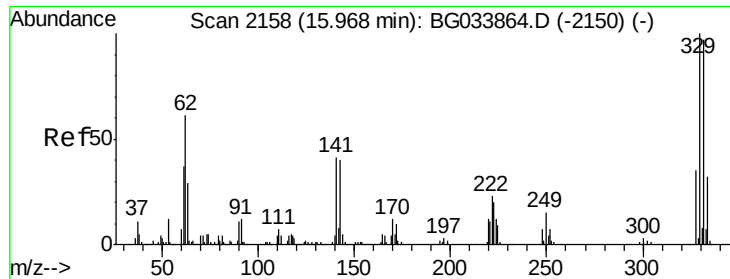
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033899.D
 Acq: 21 Apr 2018 00:41

Tgt Ion	164	Resp	164593
Ion Ratio	100	Lower	Upper
162	103.9	78.8	118.2
160	46.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

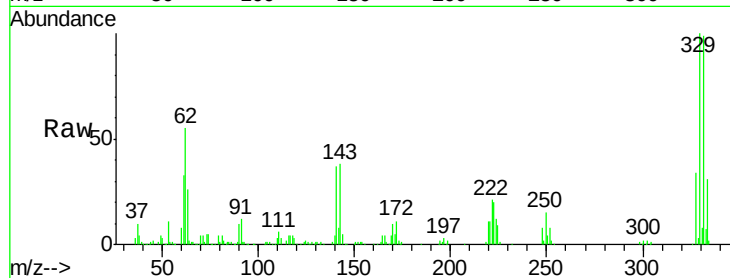




#41
 2,4,6-Tribromophenol
 Concen: 114.724 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033899.D
 Acq: 21 Apr 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.7	25.2	37.8#

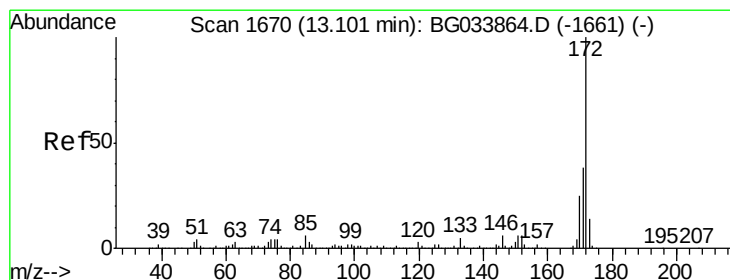
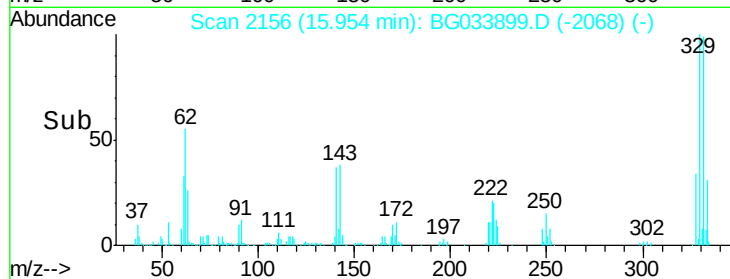
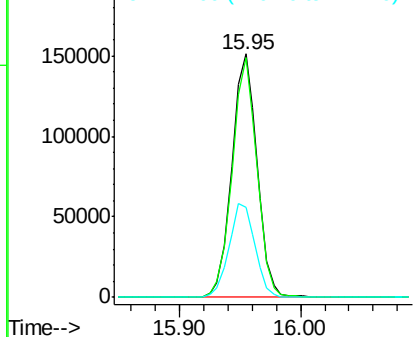


Abundance

Ion 329.80 (329.50 to 330.50): E

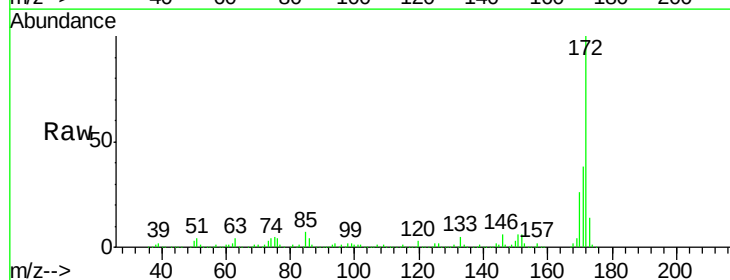
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.740 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033899.D
 Acq: 21 Apr 2018 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.9	19.5	29.3

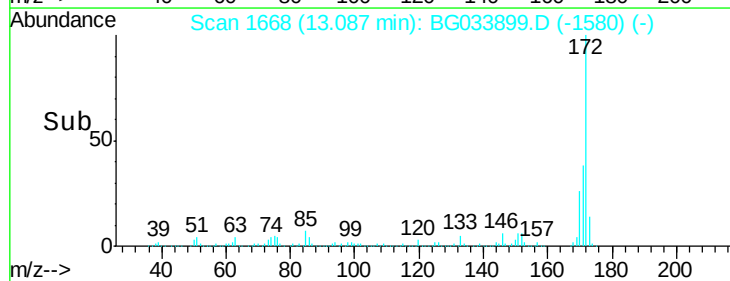
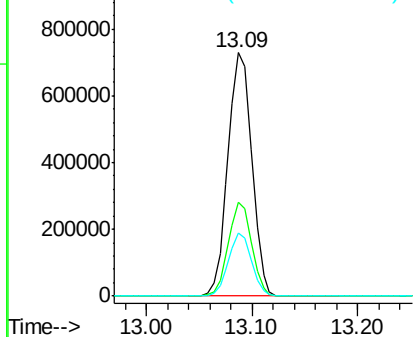


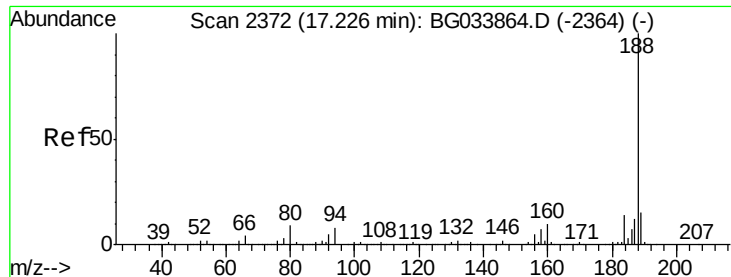
Abundance

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: BG033899.D

Acq: 21 Apr 2018 00:41

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-D-S

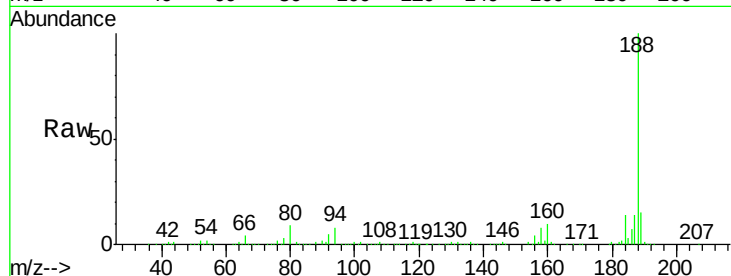
Tot Ion:188 Resp: 434227

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

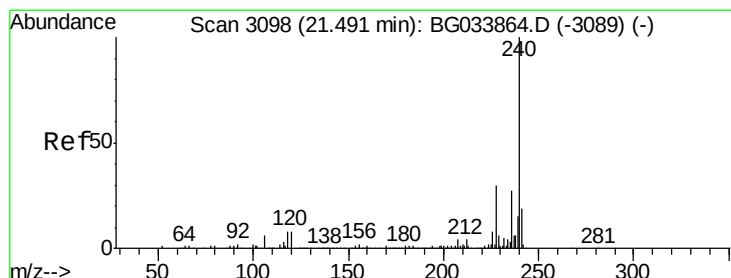
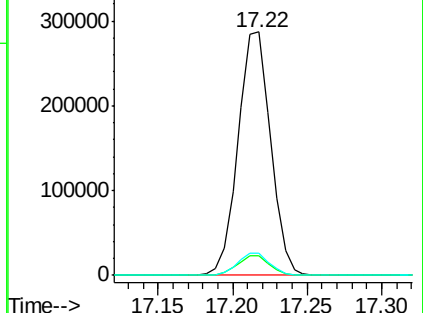
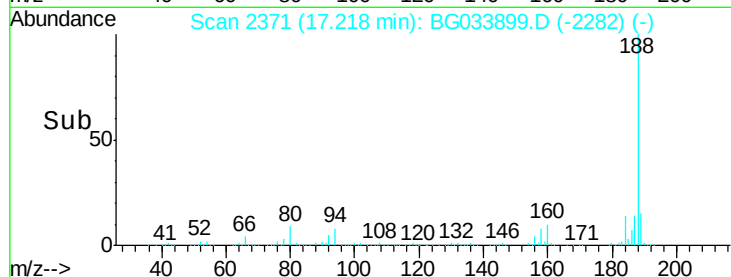
80 8.9 7.7 11.5



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: BG033899.D

Acq: 21 Apr 2018 00:41

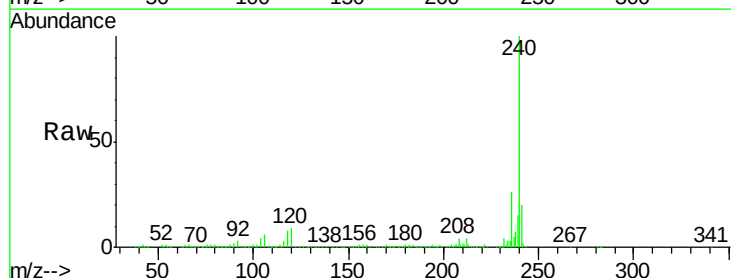
Tgt Ion:240 Resp: 524944

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

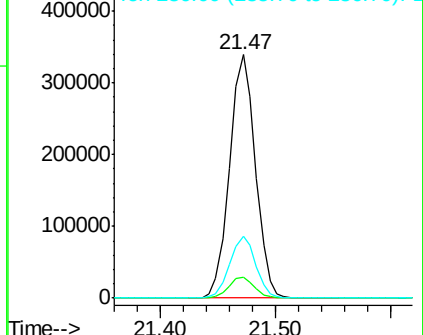
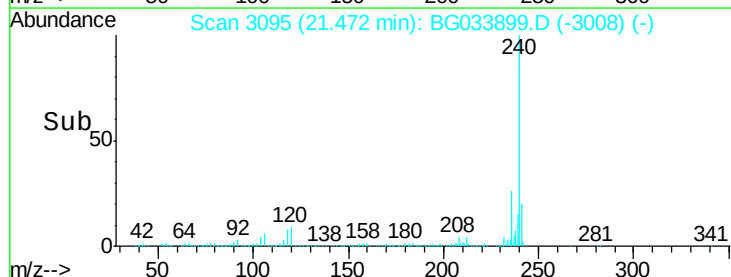
236 25.6 20.9 31.3

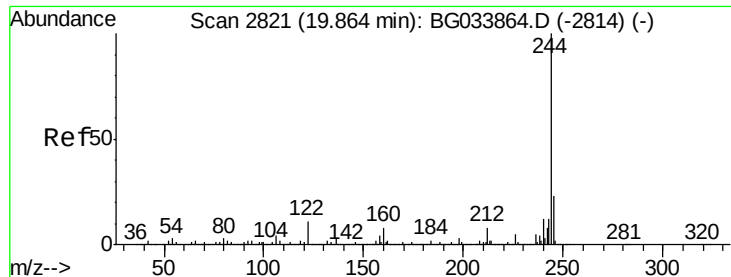


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.466 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033899.D

Acq: 21 Apr 2018 00:41

Instrument :

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ClientSampleId :

041818-DBRI-F-D-S

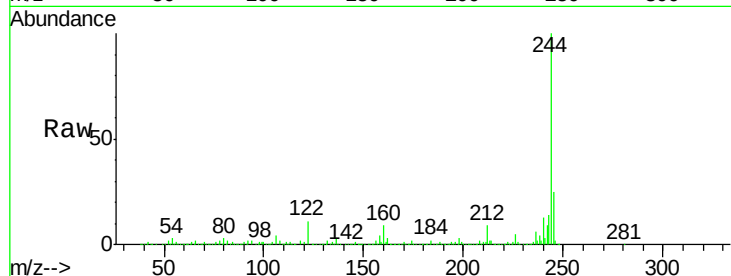
Tot Ion:244 Resp: 2183921

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

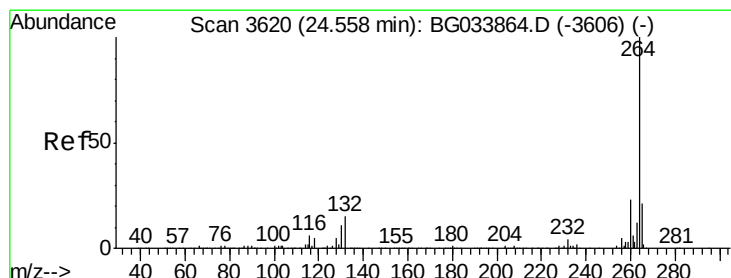
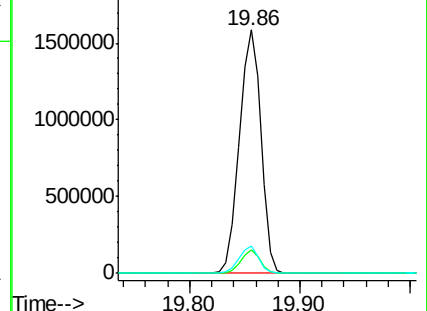
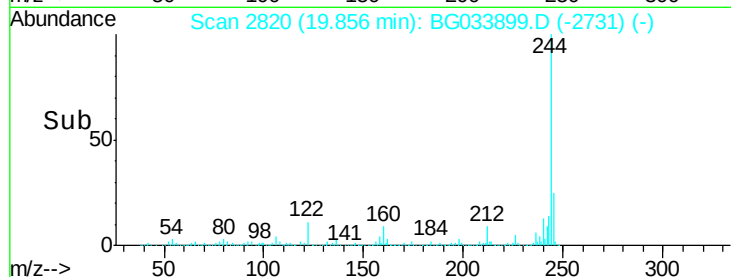
122 11.2 7.0 10.4#



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: 24.53 min Scan# 3616

Delta R.T. -0.03 min

Lab File: BG033899.D

Acq: 21 Apr 2018 00:41

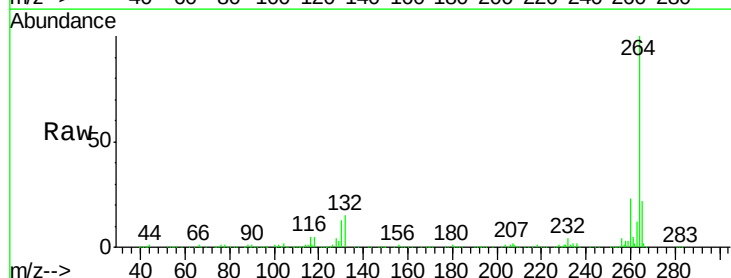
Tgt Ion:264 Resp: 521301

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.6 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

