

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033916.D
 Acq On : 23 Apr 2018 12:06
 Operator : SJ/JU
 Sample : J2492-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-B

Quant Time: Apr 24 03:40:55 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	74229	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	329519	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	203985	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	511363	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	562419	20.00	ng	-0.02
86) Perylene-d12	24.53	264	565705	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	237646	51.11	ng	0.00
7) Phenol-d6	7.00	99	201133	29.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	586592	101.31	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	284594	119.59	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1234822	88.93	ng	-0.01
78) Terphenyl-d14	19.85	244	2190571	87.50	ng	-0.01

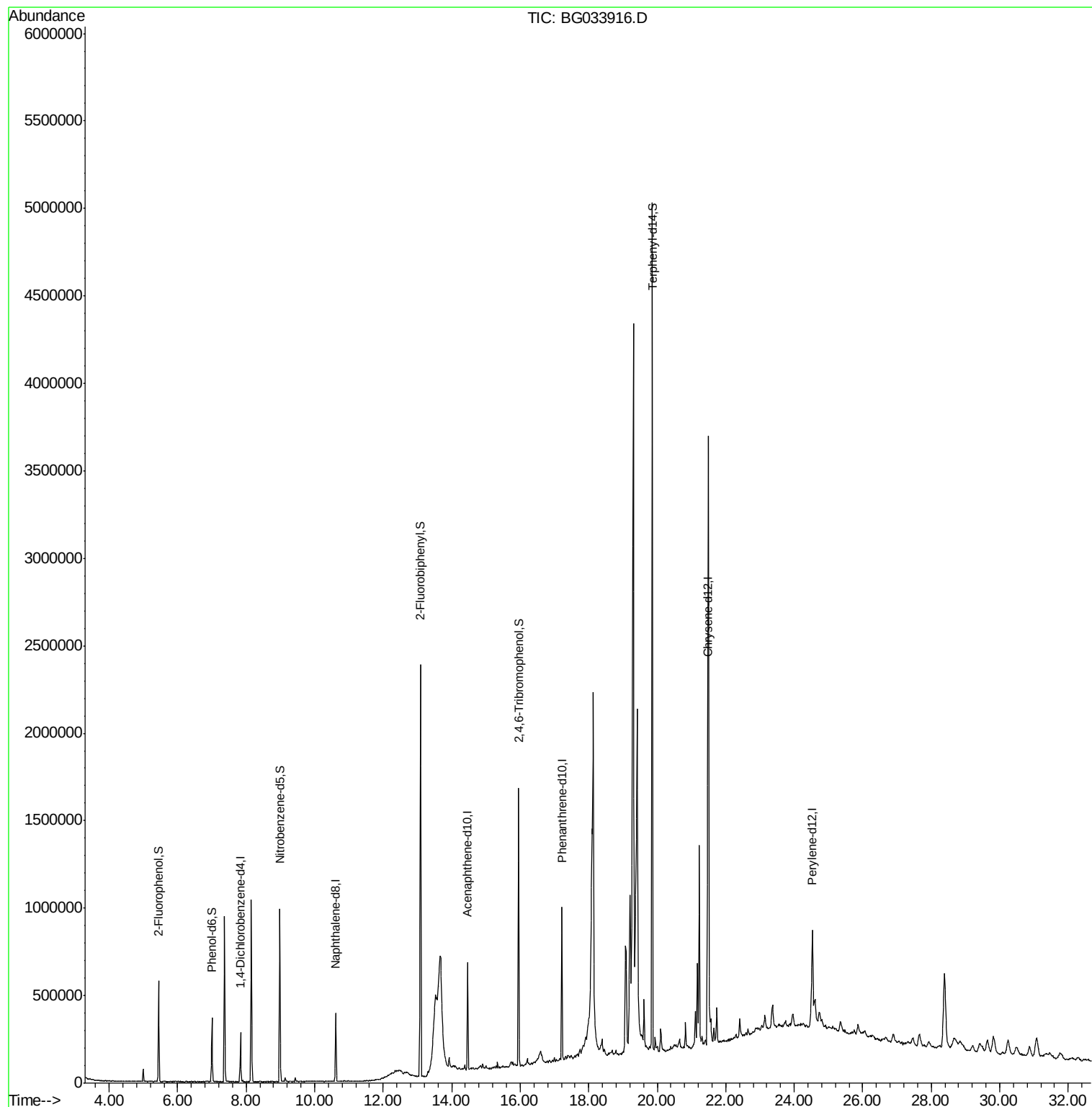
Target Compounds Qvalue

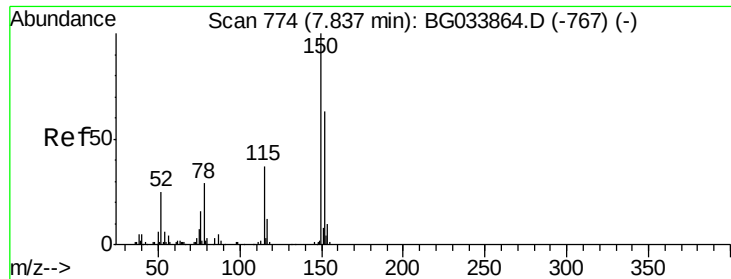
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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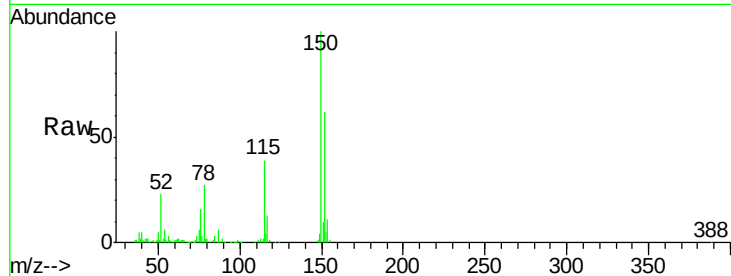


#1

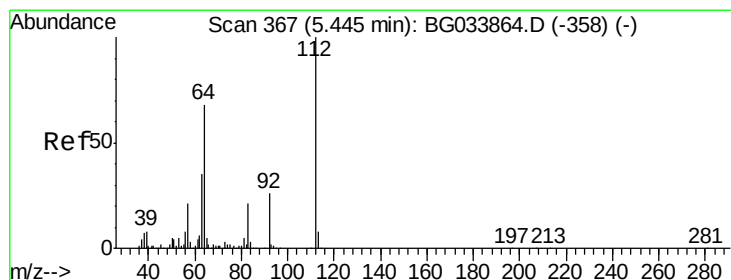
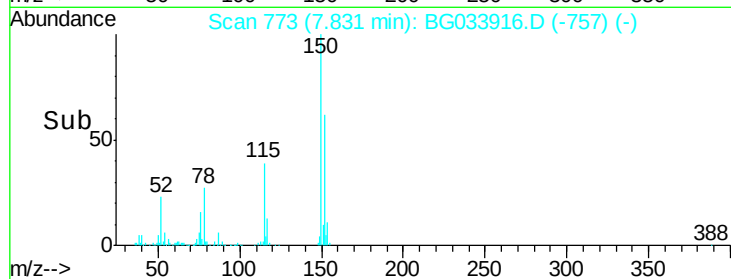
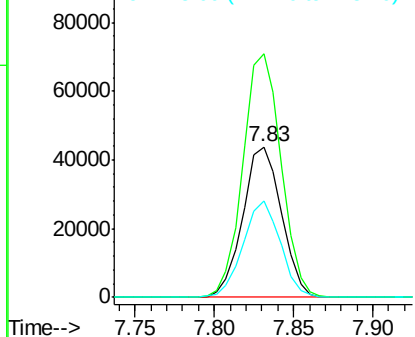
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033916.D
Acq: 23 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :
041918-DBRI-E-D-B

Tot Ion:152 Resp: 74229
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 63.8 53.0 79.4



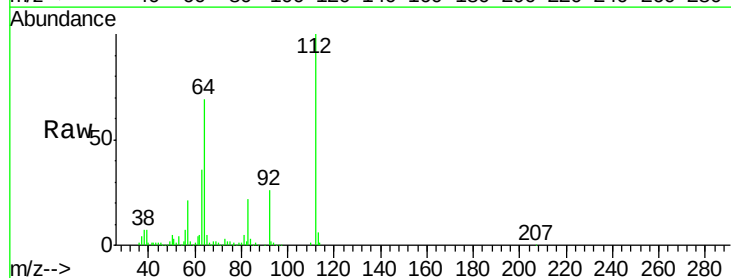
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



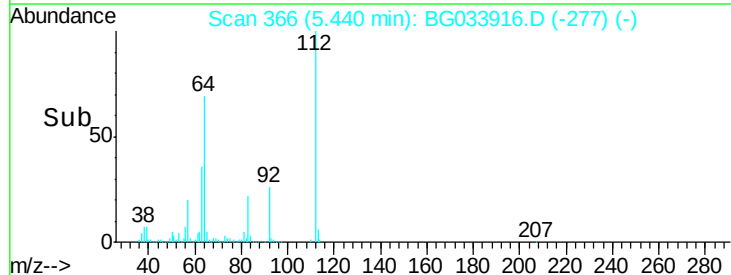
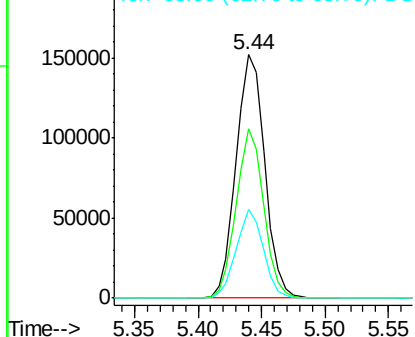
#5

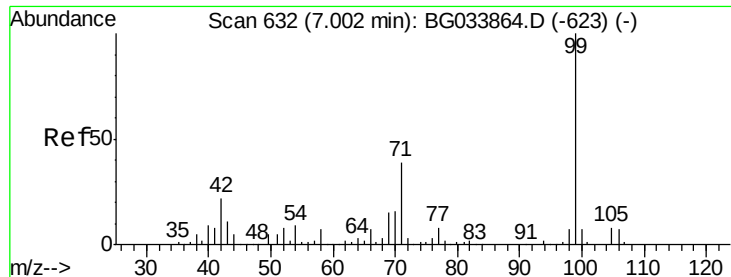
2-Fluorophenol
Concen: 51.113 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033916.D
Acq: 23 Apr 2018 12:06

Tgt Ion:112 Resp: 237646
Ion Ratio Lower Upper
112 100
64 69.5 56.3 84.5
63 36.3 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: 29.659 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-B

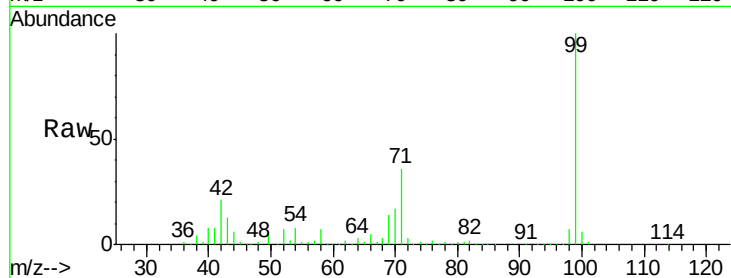
Tot Ion: 99 Resp: 201133

Ion Ratio Lower Upper

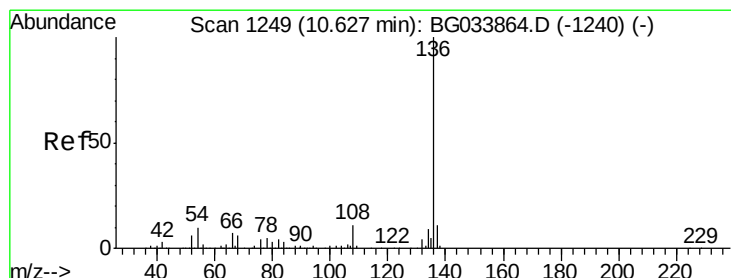
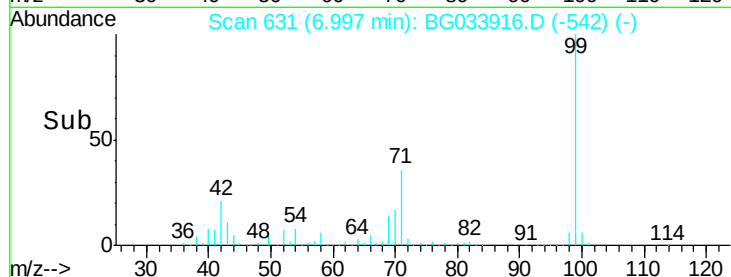
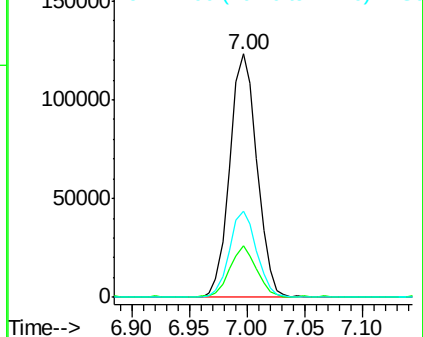
99 100

42 21.2 14.1 21.1#

71 35.6 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: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

Tgt Ion: 136 Resp: 329519

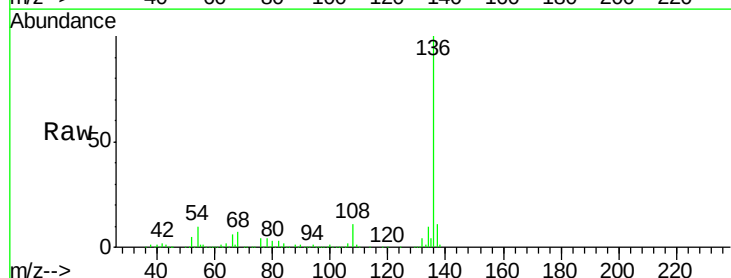
Ion Ratio Lower Upper

136 100

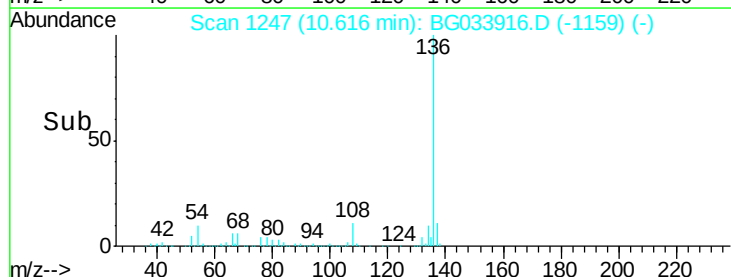
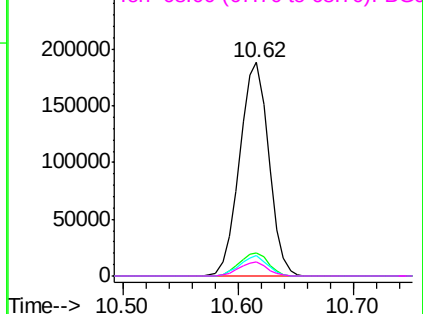
137 11.1 9.2 13.8

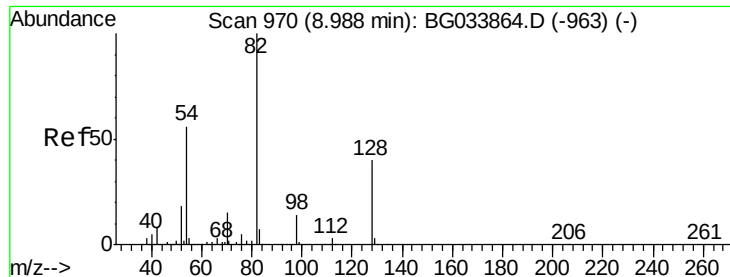
54 9.7 10.3 15.5#

68 6.5 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

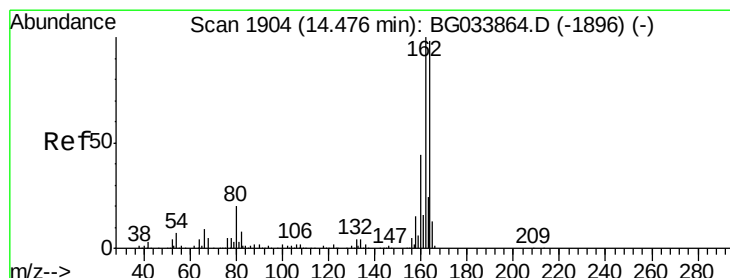
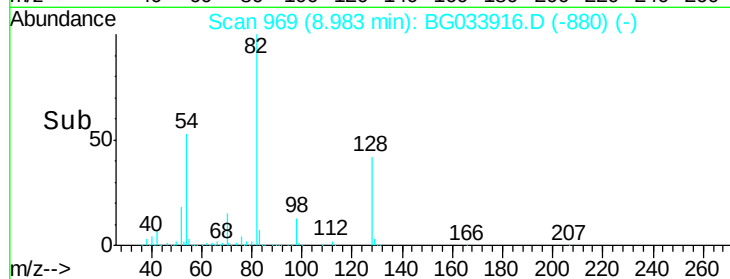
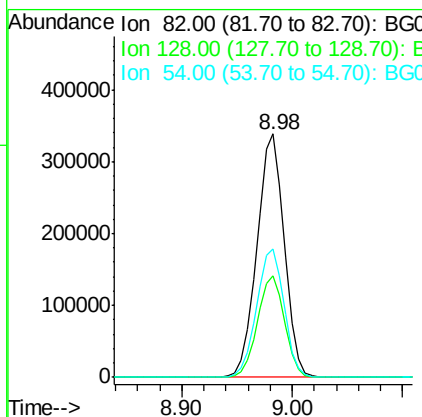
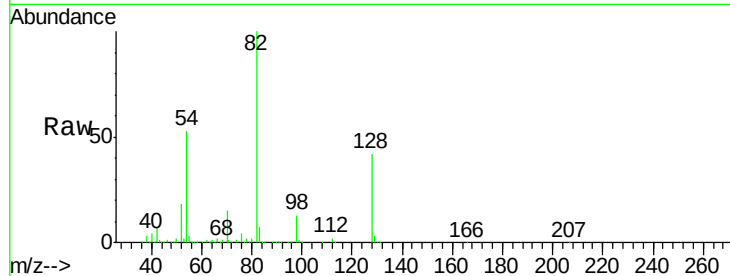




#23
 Nitrobenzene-d5
 Concen: 101.307 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033916.D
 Acq: 23 Apr 2018 12:06

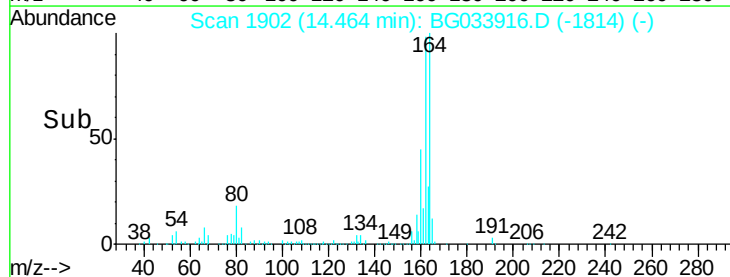
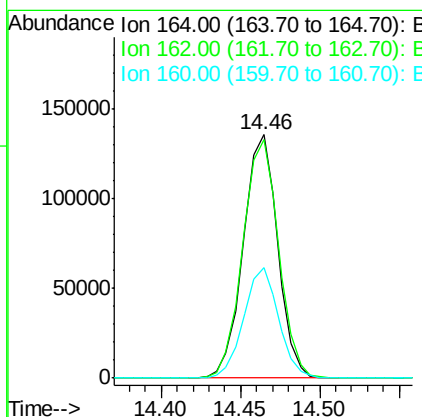
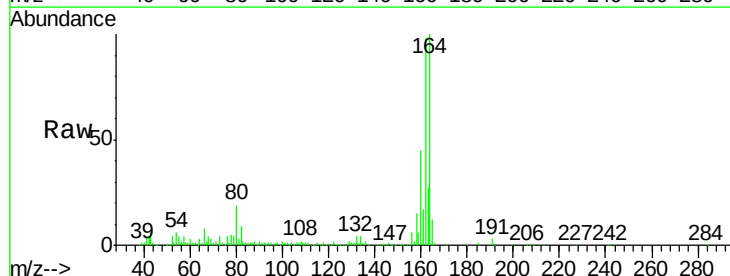
Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-B

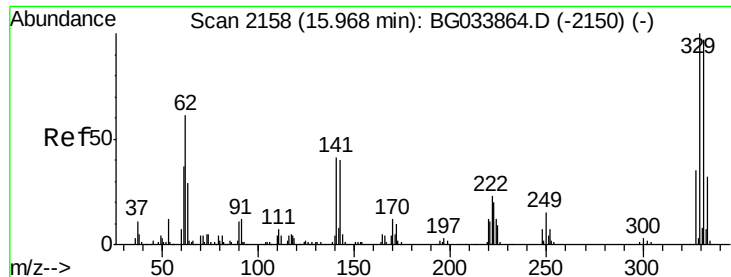
Tot Ion	82	Resp	586592
Ion Ratio	100	Lower	Upper
128	41.8	29.7	44.5
54	52.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033916.D
 Acq: 23 Apr 2018 12:06

Tgt Ion	164	Resp	203985
Ion Ratio	100	Lower	Upper
162	98.2	78.8	118.2
160	45.5	35.4	53.0

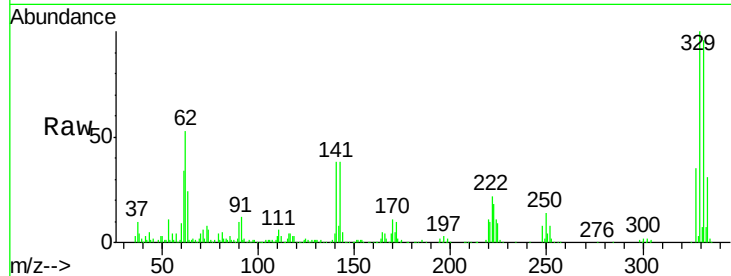




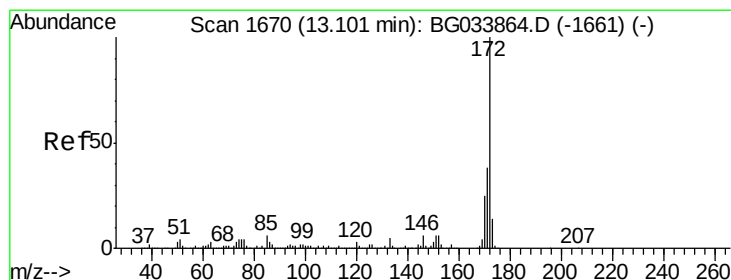
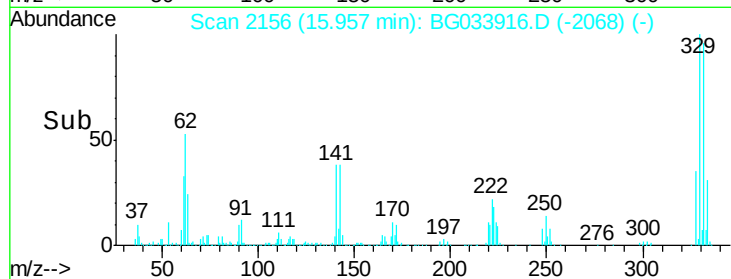
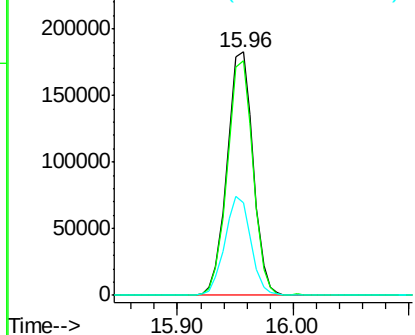
#41
 2,4,6-Tribromophenol
 Concen: 119.587 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033916.D
 Acq: 23 Apr 2018 12:06

Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-B

Tot Ion:330 Resp: 284594
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 40.5 25.2 37.8#

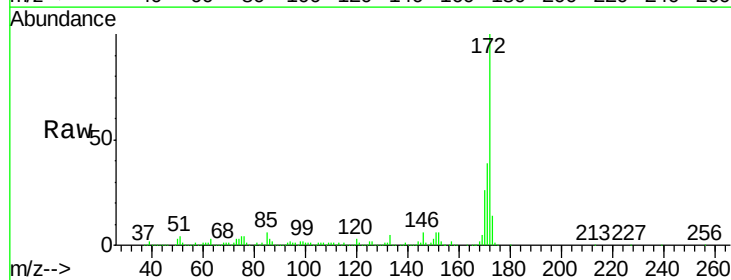


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

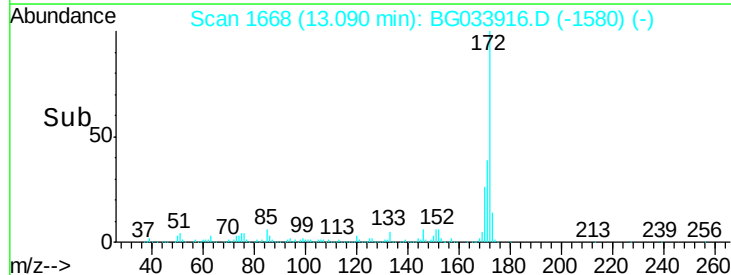
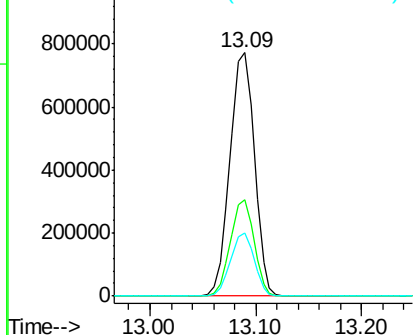


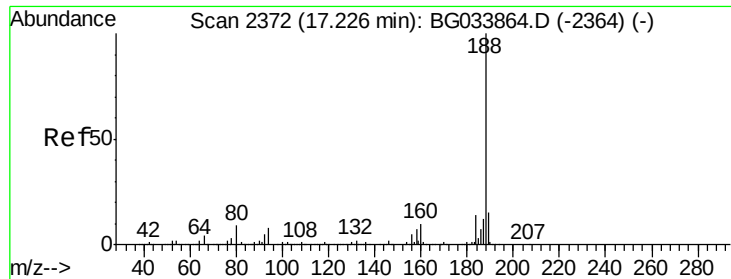
#44
 2-Fluorobiphenyl
 Concen: 88.927 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033916.D
 Acq: 23 Apr 2018 12:06

Tgt Ion:172 Resp: 1234822
 Ion Ratio Lower Upper
 172 100
 171 39.4 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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-B

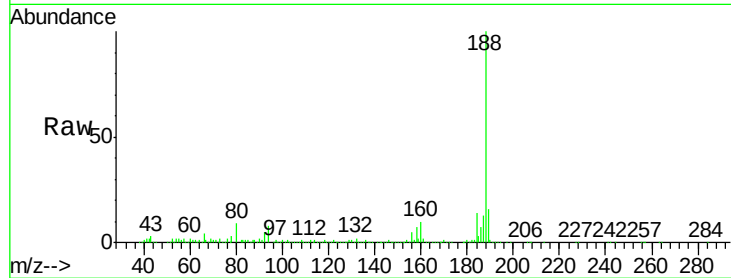
Tot Ion:188 Resp: 511363

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

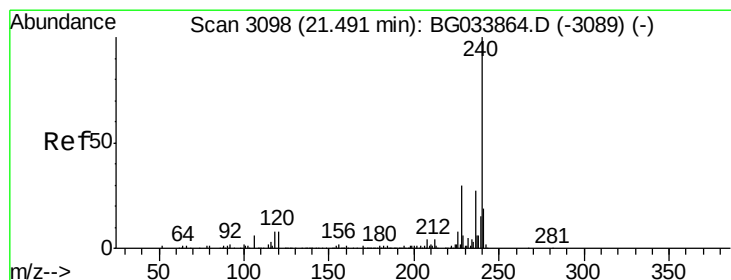
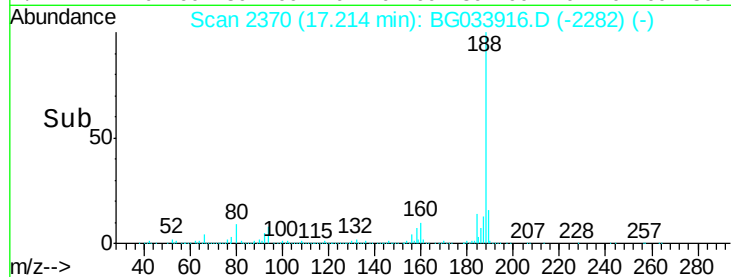
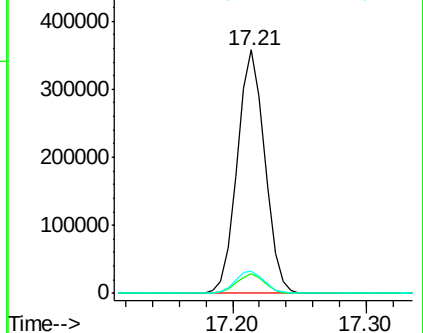
80 9.1 7.7 11.5



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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

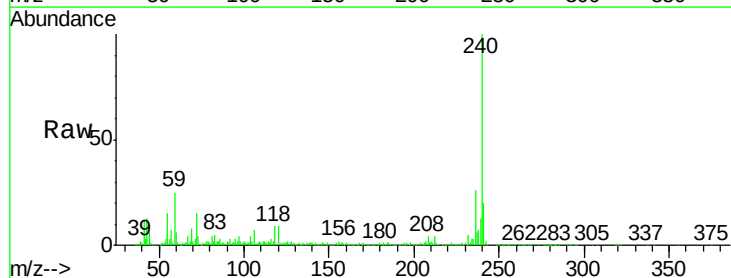
Tgt Ion:240 Resp: 562419

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

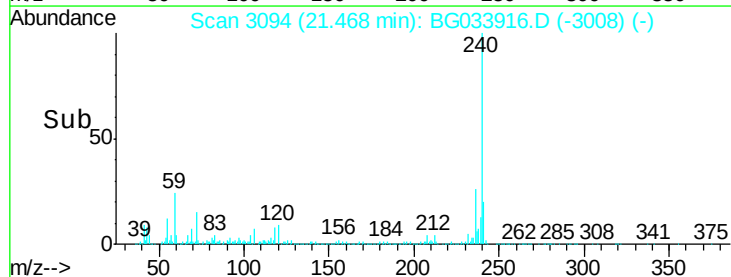
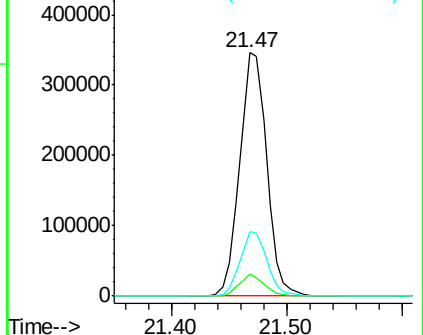
236 26.4 20.9 31.3

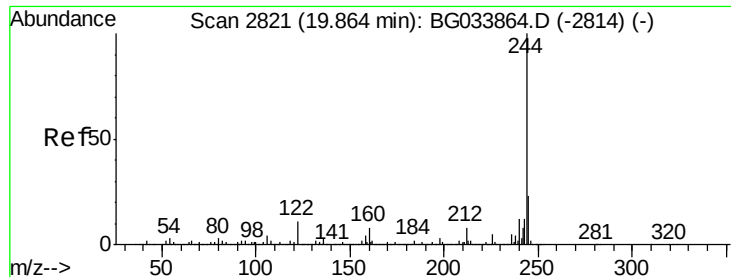


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.504 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

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ClientSampleId :

041918-DBRI-E-D-B

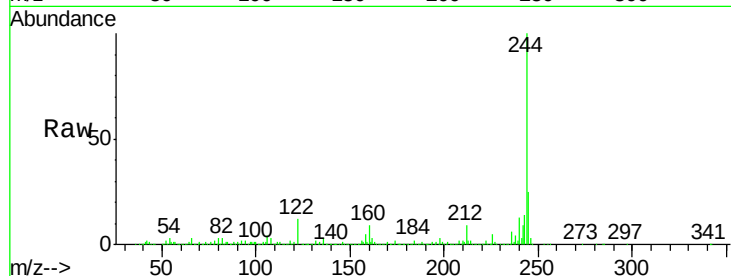
Tot Ion:244 Resp: 2190571

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

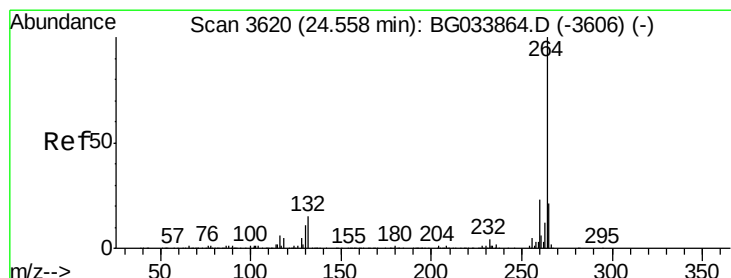
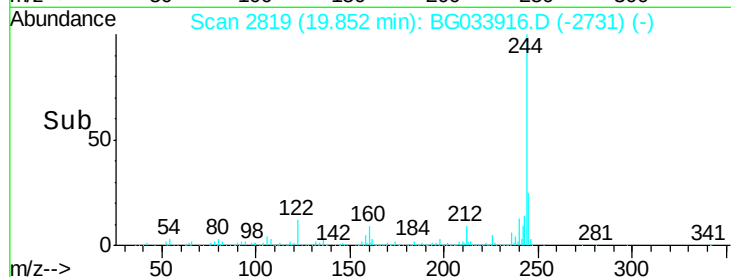
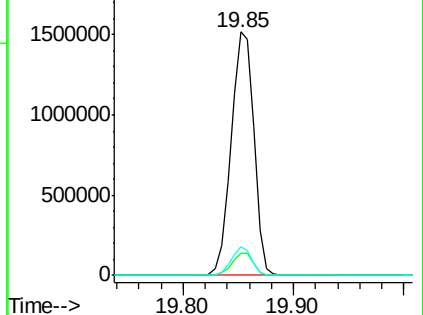
122 11.6 7.0 10.4#



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# 3615

Delta R.T. -0.03 min

Lab File: BG033916.D

Acq: 23 Apr 2018 12:06

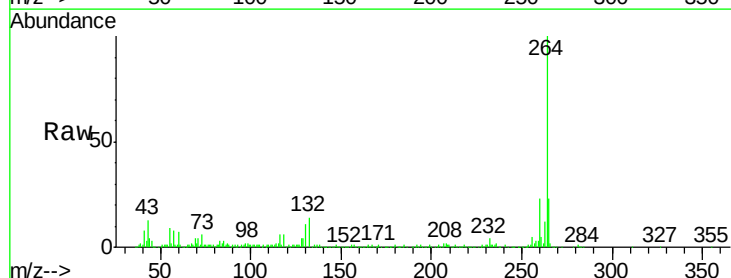
Tgt Ion:264 Resp: 565705

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.5 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

