

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034017.D
 Acq On : 26 Apr 2018 18:52
 Operator : SJ/JU
 Sample : J2531-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-B

Quant Time: Apr 27 04:40:14 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	7.81	152	71237	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	310613	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	207747	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	552981	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	597488	20.00	ng	-0.03
86) Perylene-d12	24.53	264	602359	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	156075	34.98	ng	-0.01
7) Phenol-d6	7.01	99	114256	17.56	ng	0.00
23) Nitrobenzene-d5	8.97	82	471798	86.44	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	264739	109.23	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1353299	95.69	ng	-0.03
78) Terphenyl-d14	19.84	244	2276675	85.61	ng	-0.02

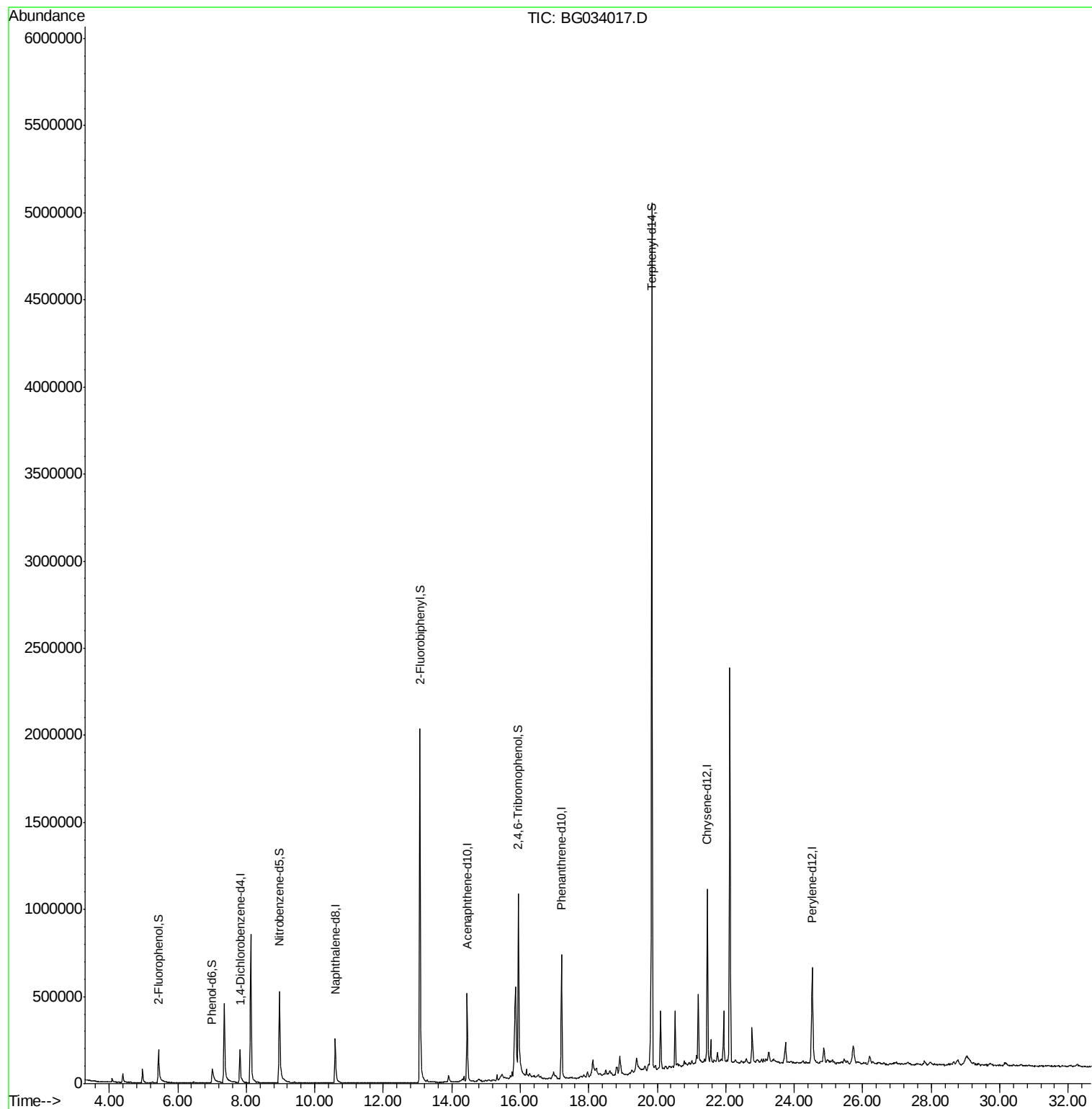
Target Compounds Qvalue

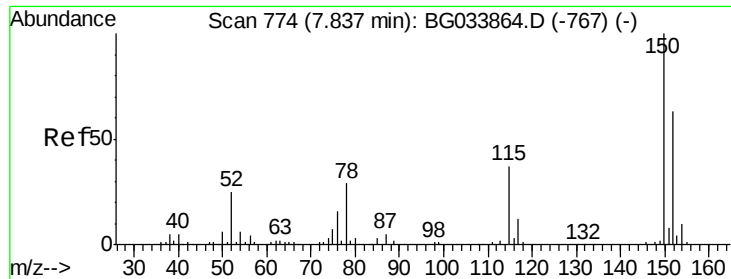
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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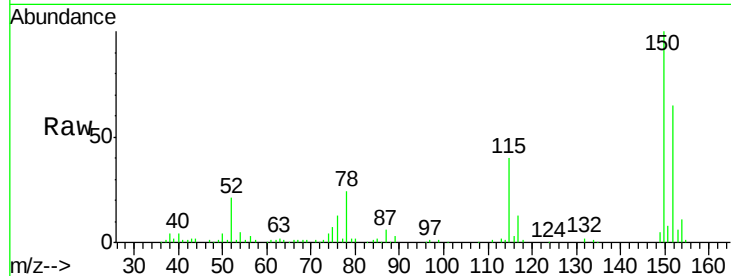


#1

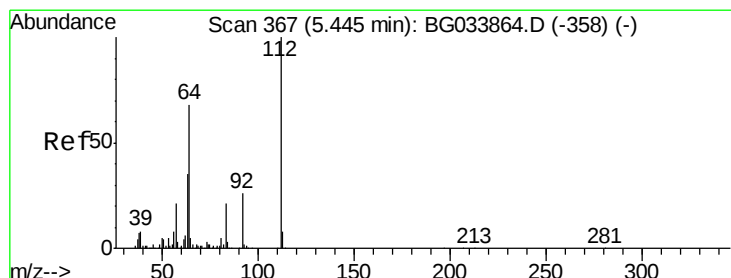
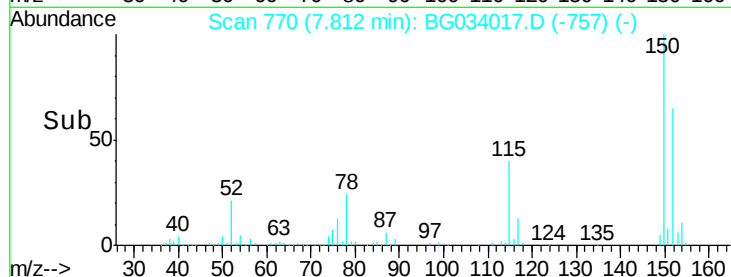
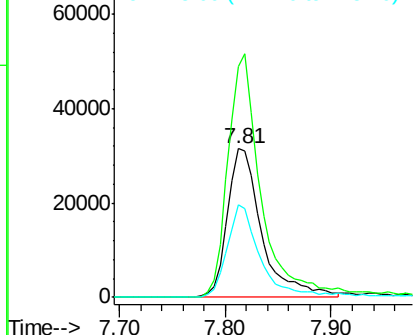
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.02 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	62.4	53.0	79.4



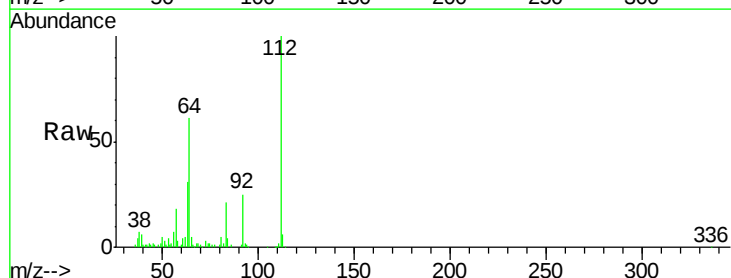
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



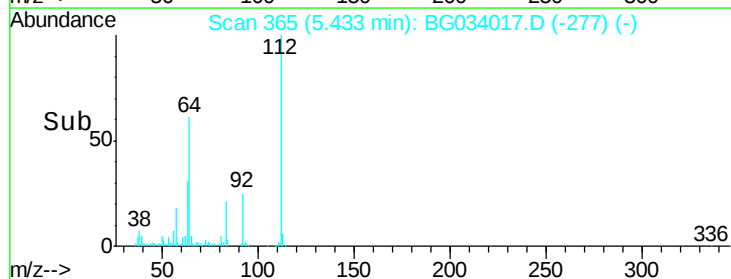
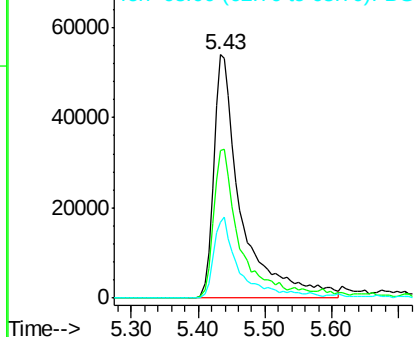
#5

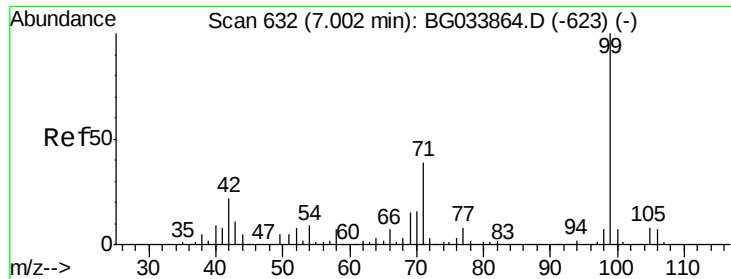
2-Fluorophenol
Concen: 34.979 ng
RT: 5.43 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	56.3	84.5
63	31.1	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: 17.556 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-B

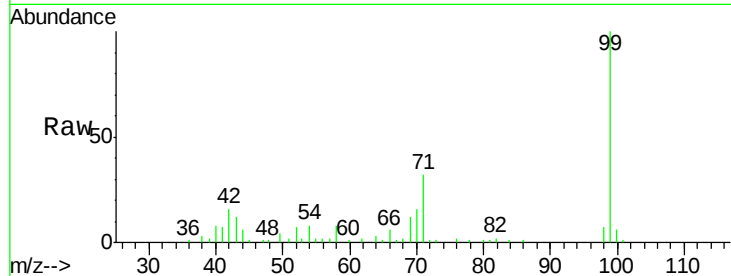
Tot Ion: 99 Resp: 114256

Ion Ratio Lower Upper

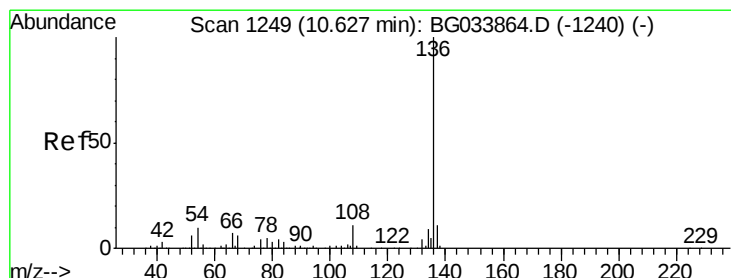
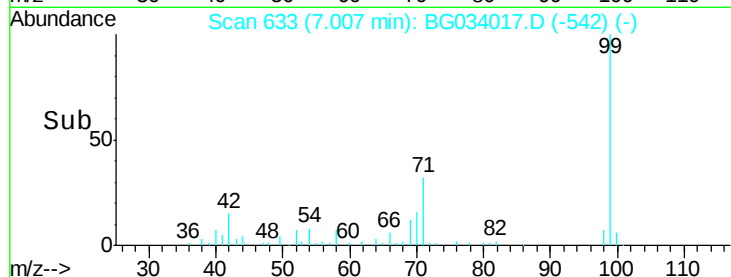
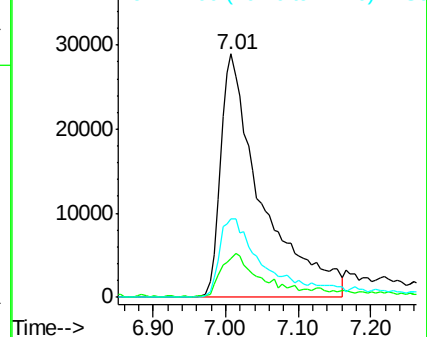
99 100

42 16.0 14.1 21.1

71 32.5 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: 10.60 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Tgt Ion: 136 Resp: 310613

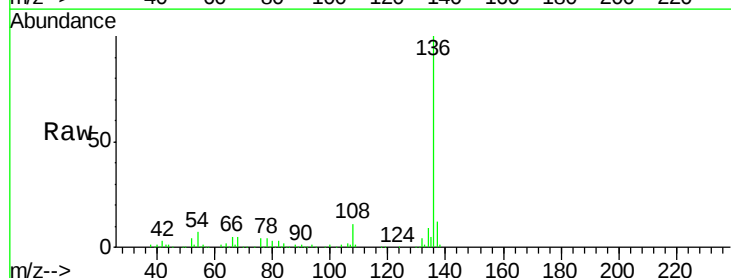
Ion Ratio Lower Upper

136 100

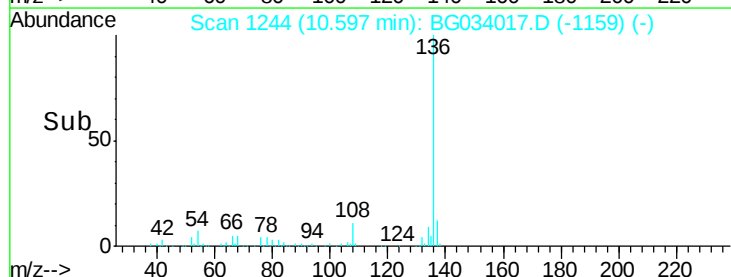
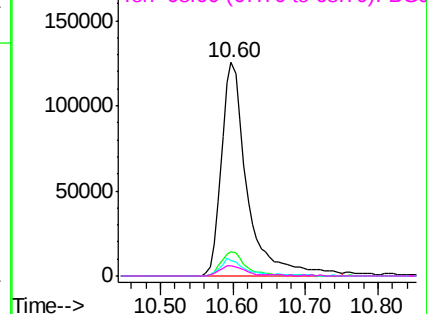
137 11.5 9.2 13.8

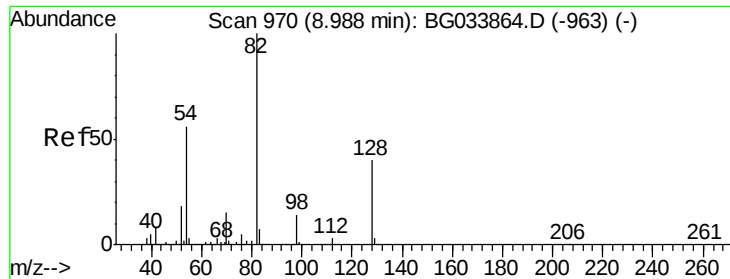
54 7.4 10.3 15.5#

68 5.1 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

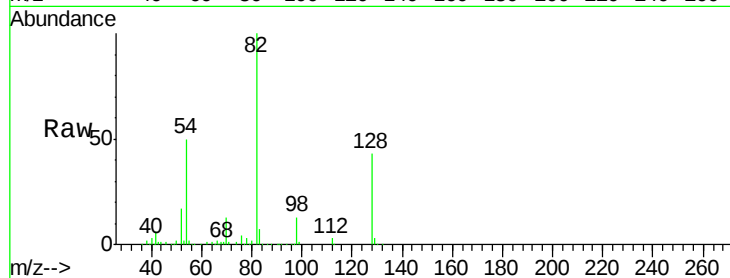




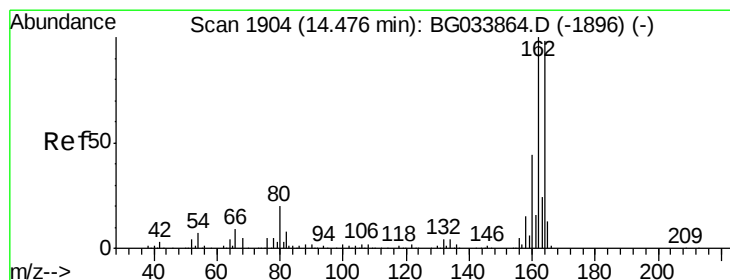
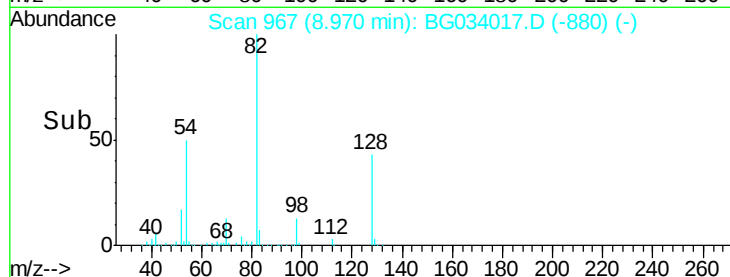
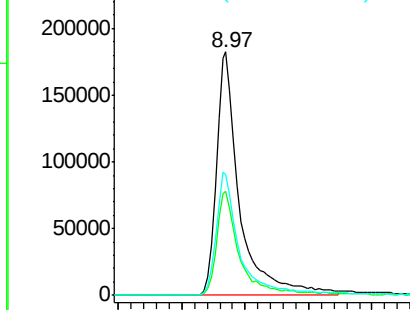
#23
Nitrobenzene-d5
Concen: 86.441 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-B

Tot Ion	82	Resp	471798
Ion Ratio	Lower	Upper	
82	100		
128	42.6	29.7	44.5
54	49.6	43.1	64.7

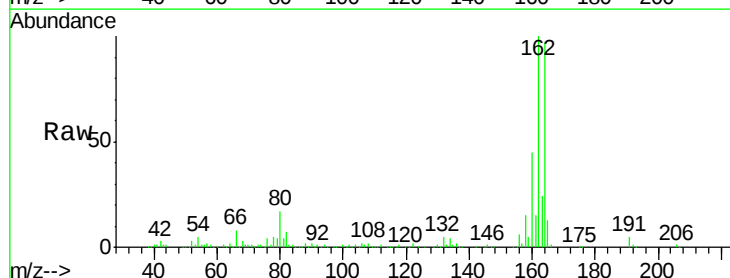


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

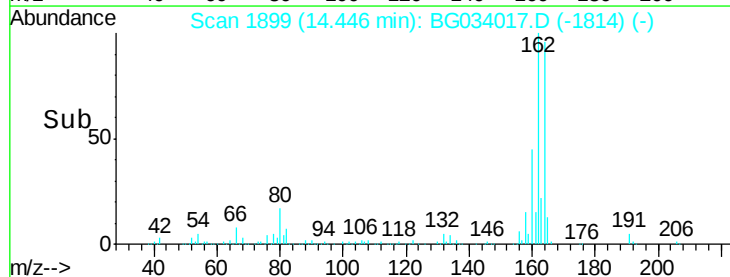
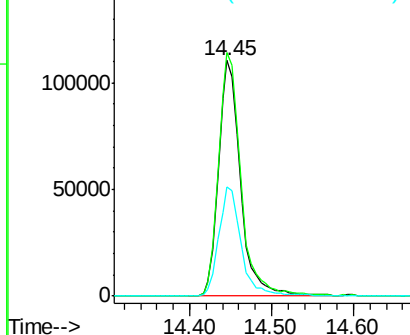


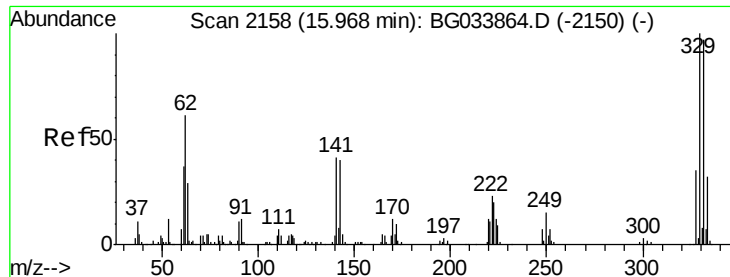
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BG034017.D
Acq: 26 Apr 2018 18:52

Tgt Ion	164	Resp	207747
Ion Ratio	Lower	Upper	
164	100		
162	103.4	78.8	118.2
160	46.5	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

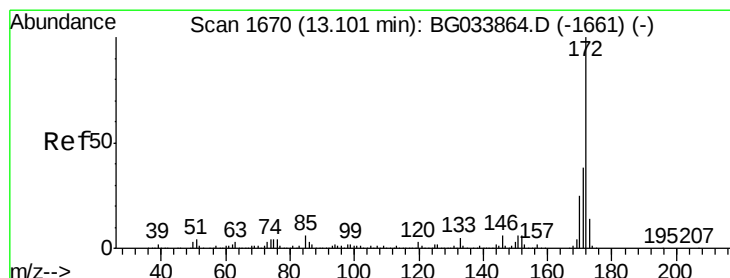
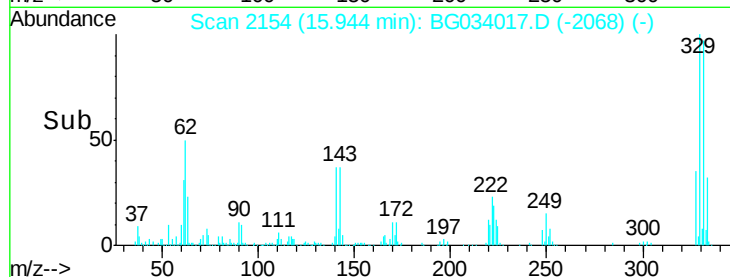
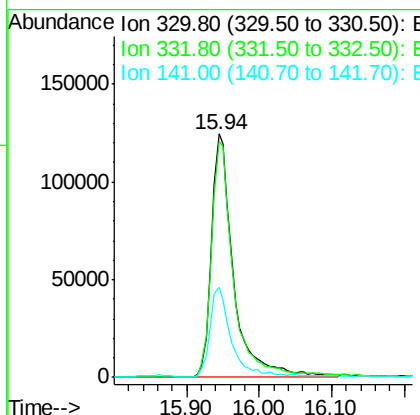
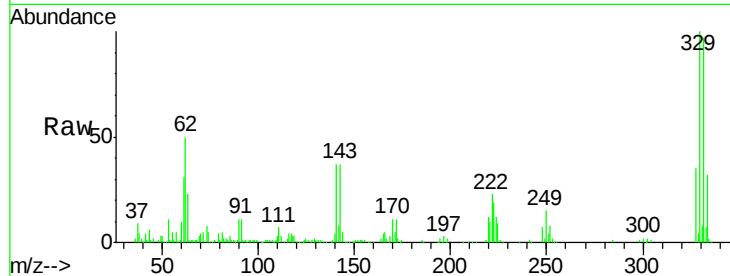




#41
 2,4,6-Tribromophenol
 Concen: 109.229 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

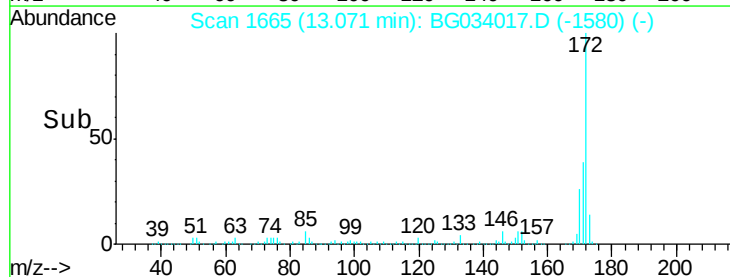
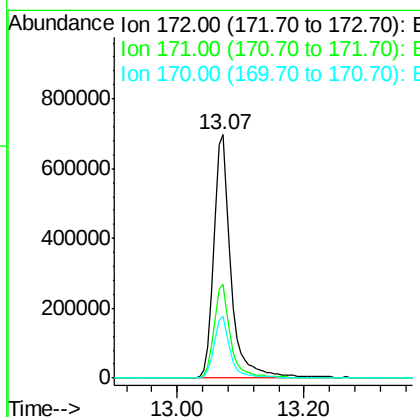
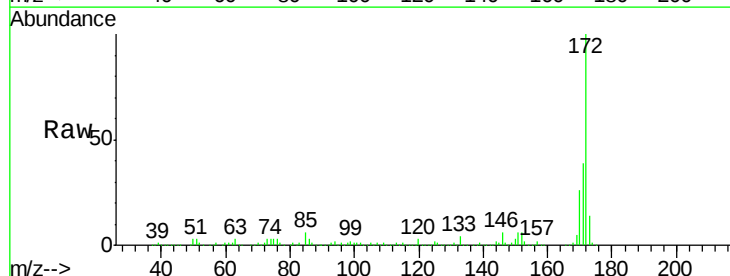
Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-B

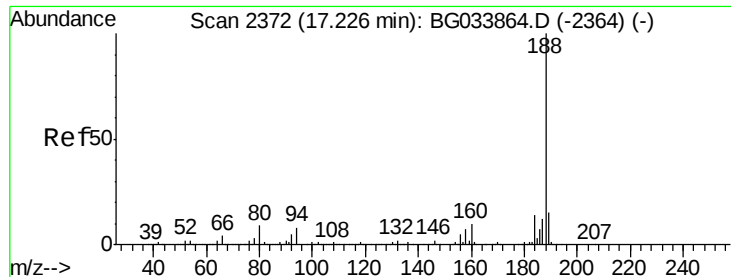
Tot Ion:330 Resp: 264739
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 35.8 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 95.695 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.03 min
 Lab File: BG034017.D
 Acq: 26 Apr 2018 18:52

Tgt Ion:172 Resp: 1353299
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.5 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-B

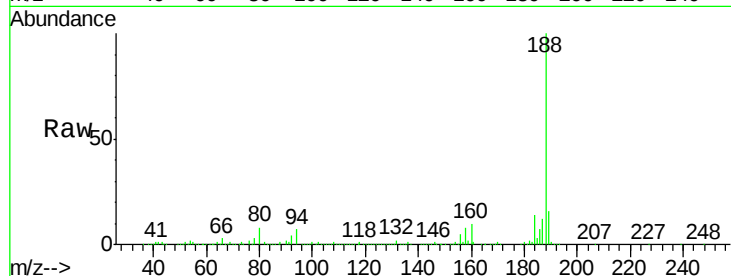
Tot Ion:188 Resp: 552981

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

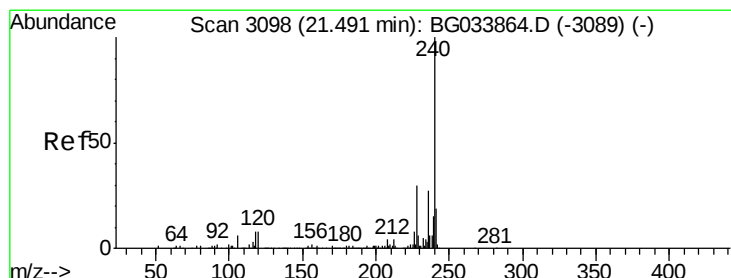
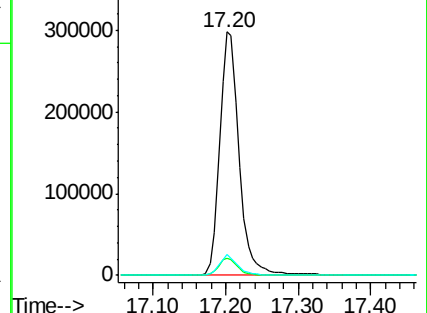
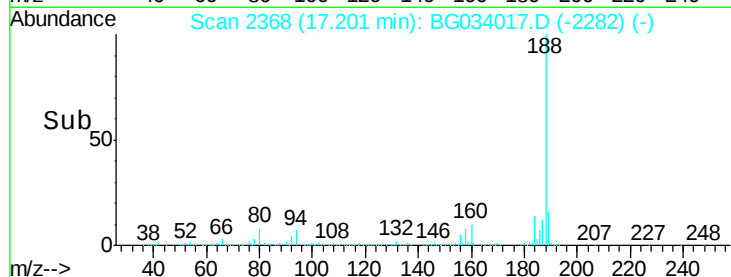
80 8.4 7.7 11.5



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: BG034017.D

Acq: 26 Apr 2018 18:52

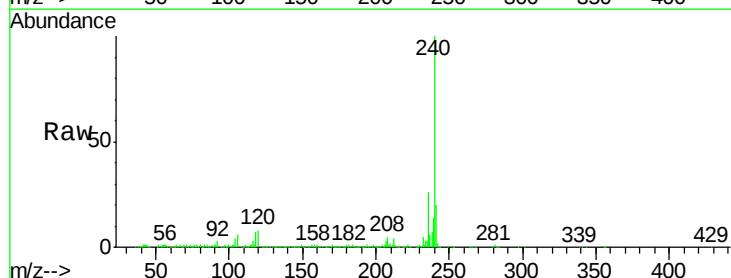
Tgt Ion:240 Resp: 597488

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

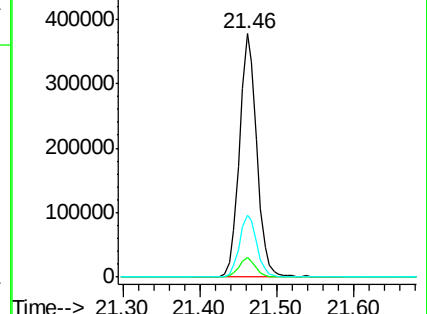
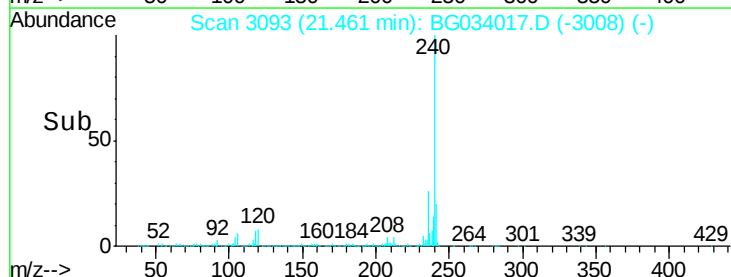
236 25.5 20.9 31.3

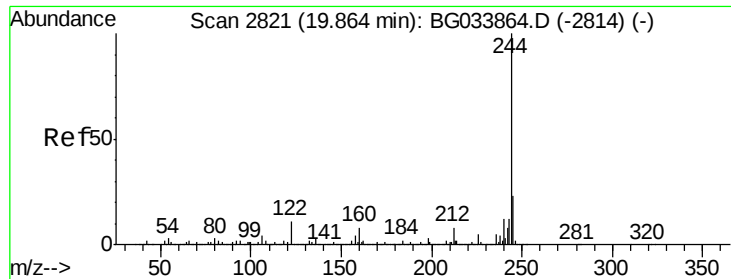


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.605 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BG034017.D

Acq: 26 Apr 2018 18:52

Instrument :

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ClientSampleId :

042318-DBRI-E-D-B

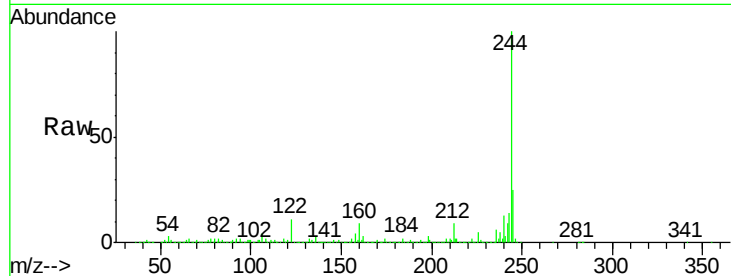
Tot Ion:244 Resp: 2276675

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

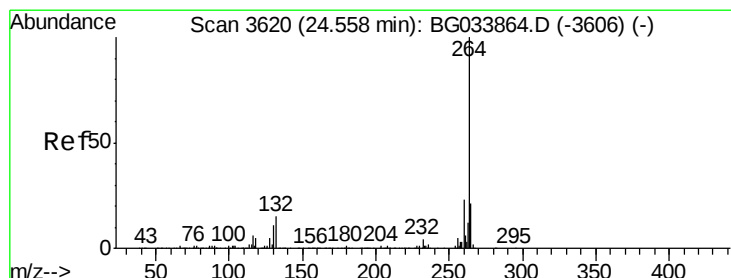
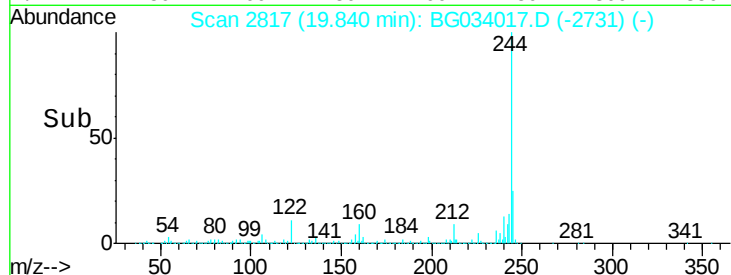
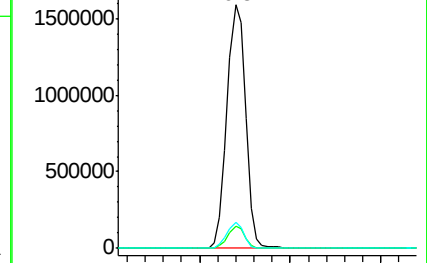
122 10.6 7.0 10.4#



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: BG034017.D

Acq: 26 Apr 2018 18:52

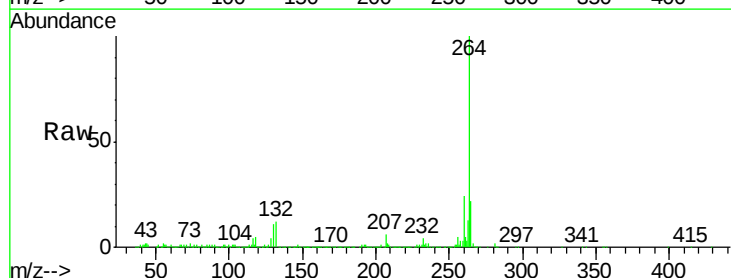
Tgt Ion:264 Resp: 602359

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 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

