

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034018.D
 Acq On : 26 Apr 2018 19:30
 Operator : SJ/JU
 Sample : J2531-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 27 04:41:22 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

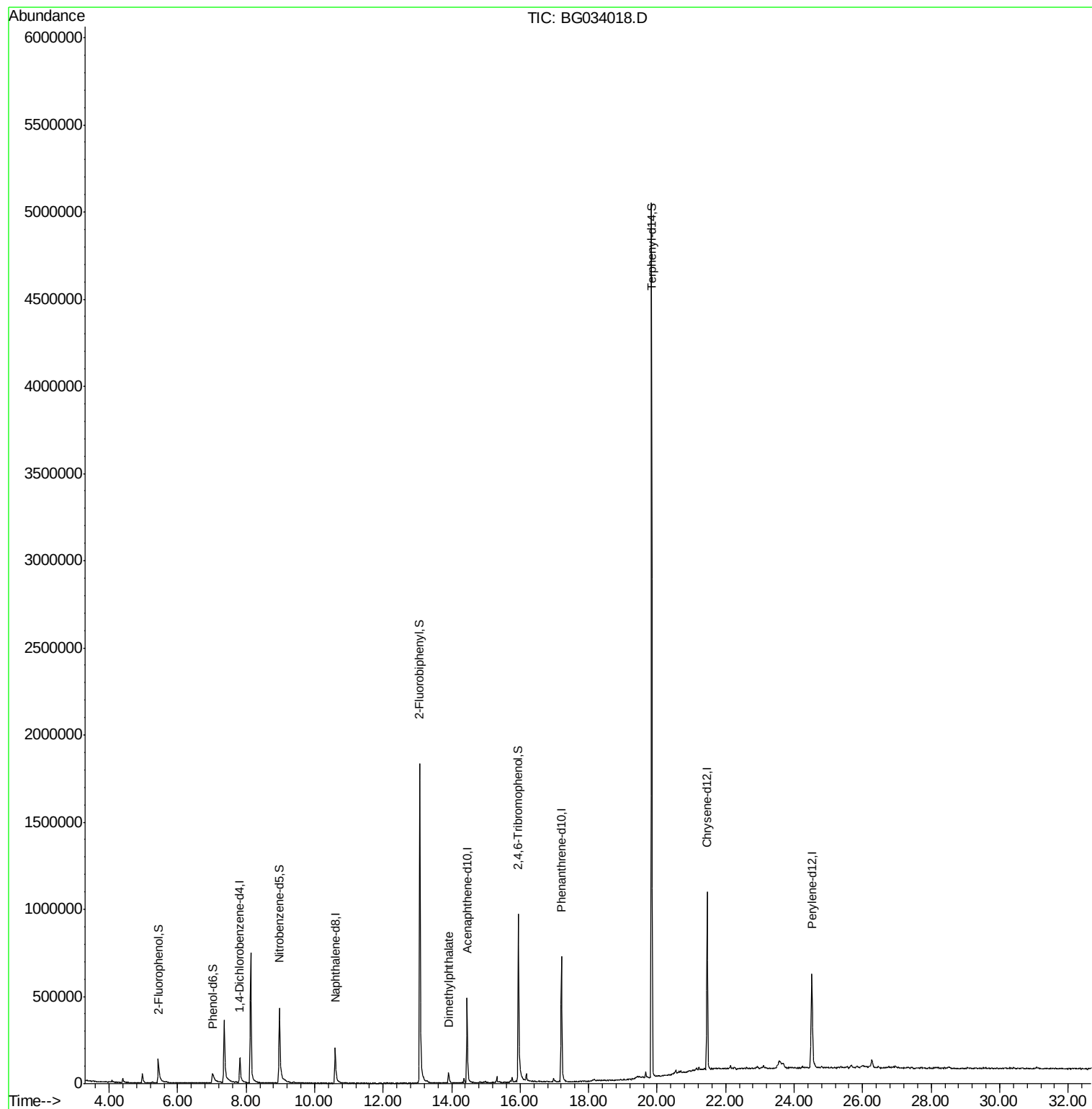
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	59359	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	270534	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	201892	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	586787	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	631784	20.00	ng	-0.03
86) Perylene-d12	24.52	264	616055	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	116637	31.37	ng	-0.01
7) Phenol-d6	7.01	99	85342	15.74	ng	0.00
23) Nitrobenzene-d5	8.97	82	433326	91.15	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	274861	116.69	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1302707	94.79	ng	-0.03
78) Terphenyl-d14	19.84	244	2443539	86.89	ng	-0.03
Target Compounds						
49) Dimethylphthalate	13.91	163	61934	3.487	ng	Qvalue # 96

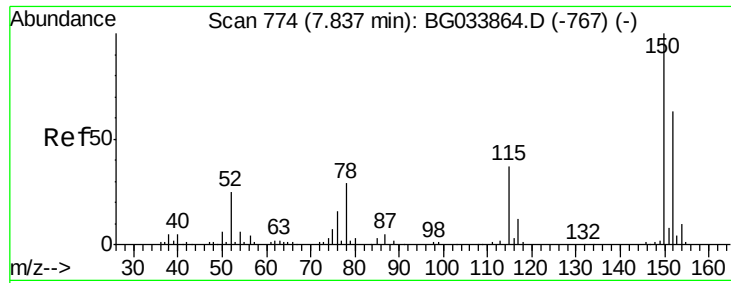
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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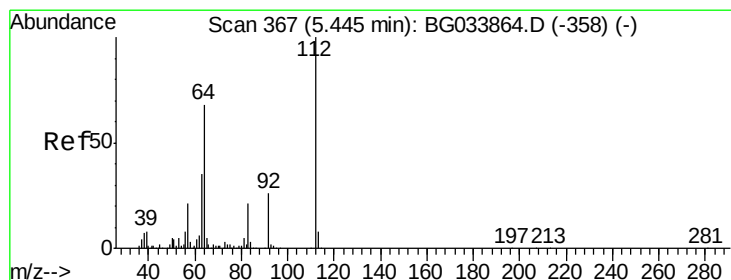
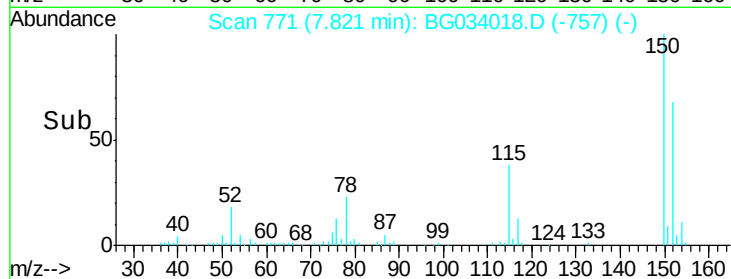
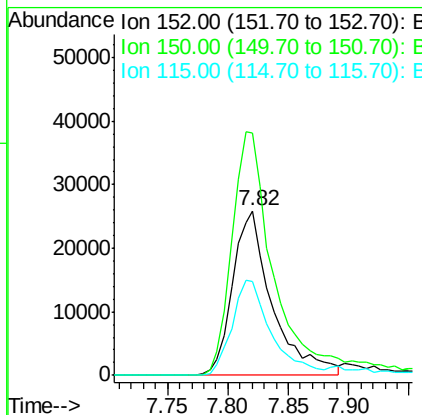
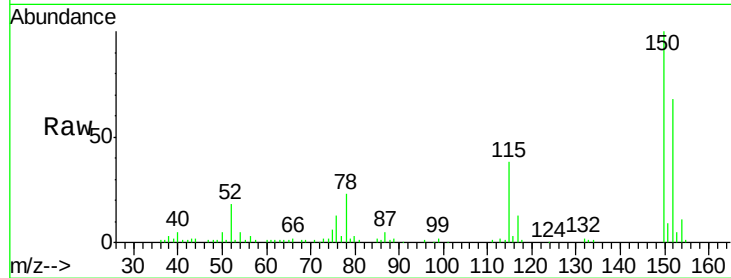


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

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

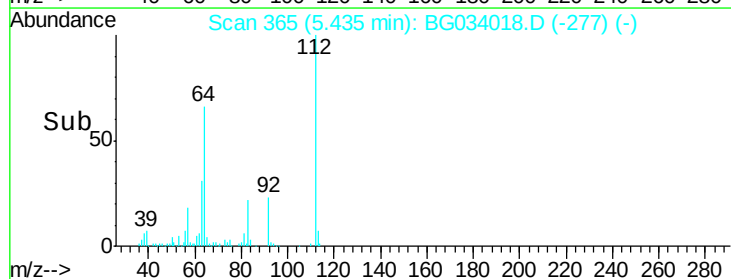
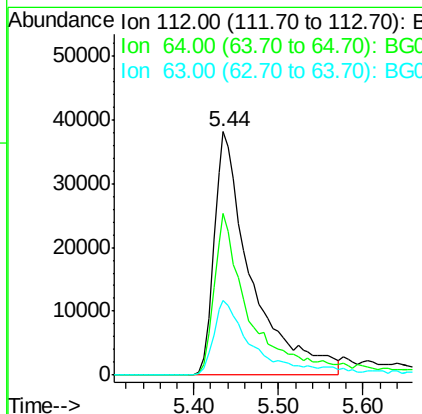
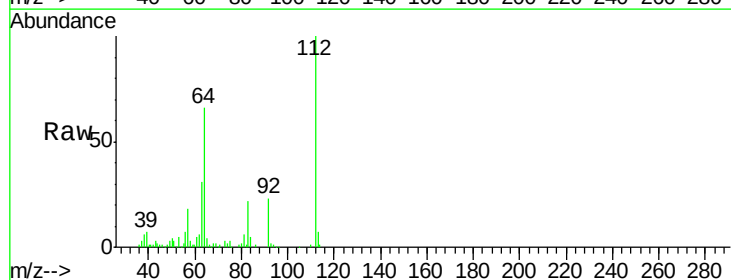
Tot Ion:152 Resp: 59359
Ion Ratio Lower Upper
152 100
150 147.3 126.6 189.8
115 56.7 53.0 79.4

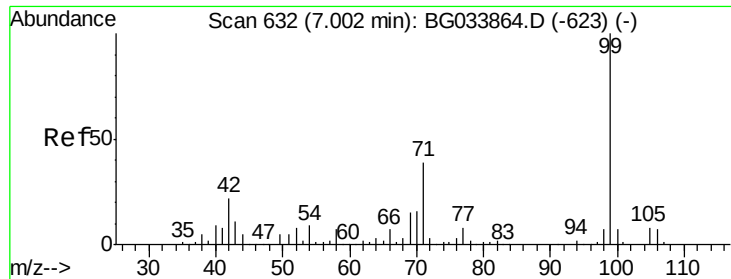


#5

2-Fluorophenol
Concen: 31.371 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:112 Resp: 116637
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 30.5 30.1 45.1





#7

Phenol-d6

Concen: 15.737 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG034018.D

Acq: 26 Apr 2018 19:30

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-S

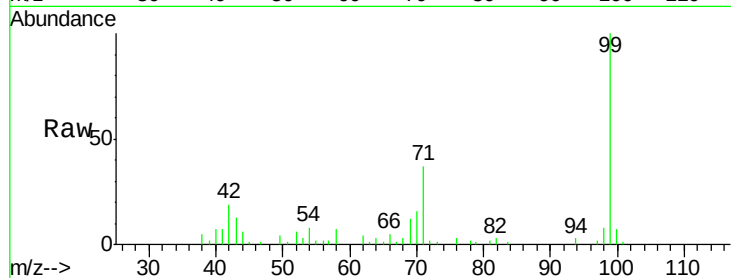
Tot Ion: 99 Resp: 85342

Ion Ratio Lower Upper

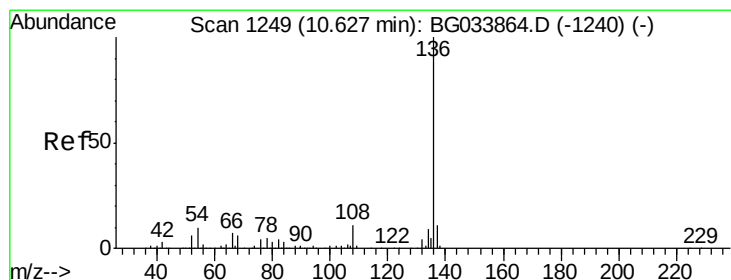
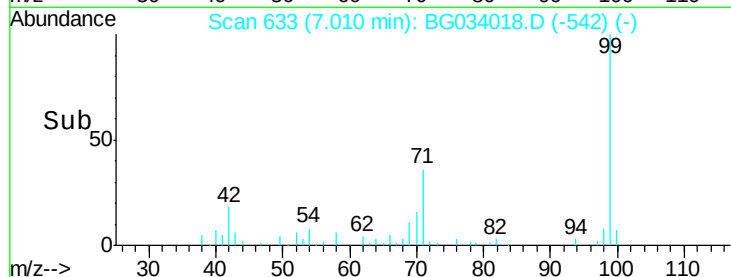
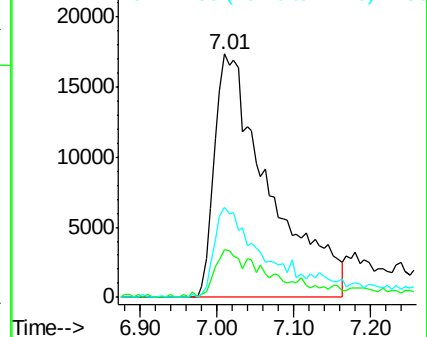
99 100

42 19.5 14.1 21.1

71 37.1 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: BG034018.D

Acq: 26 Apr 2018 19:30

Tgt Ion: 136 Resp: 270534

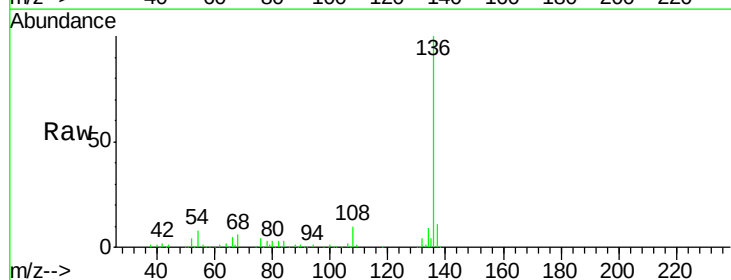
Ion Ratio Lower Upper

136 100

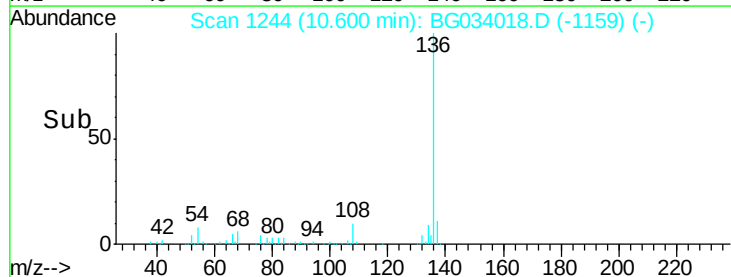
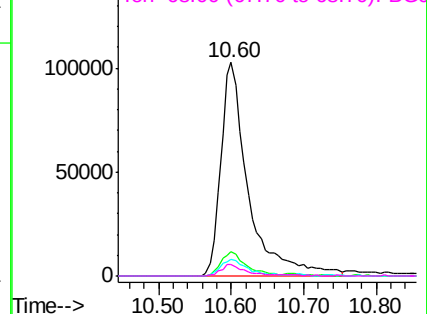
137 11.2 9.2 13.8

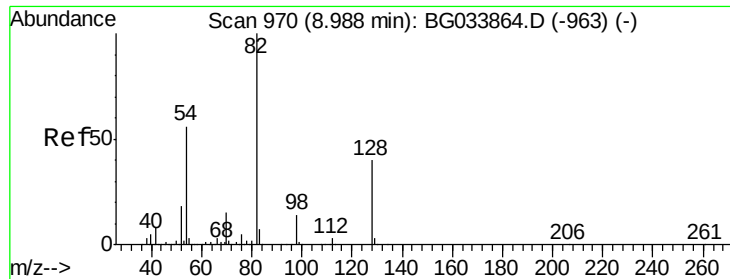
54 7.6 10.3 15.5#

68 5.6 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

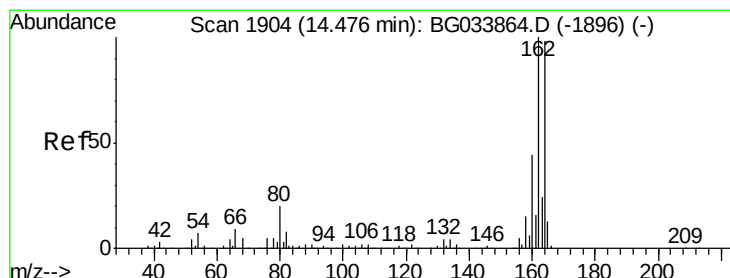
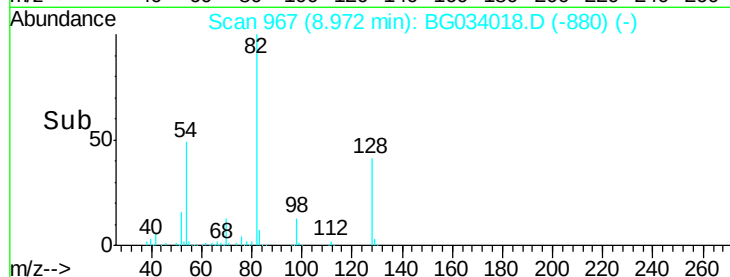
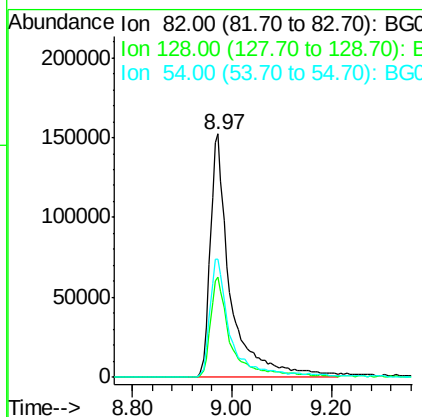
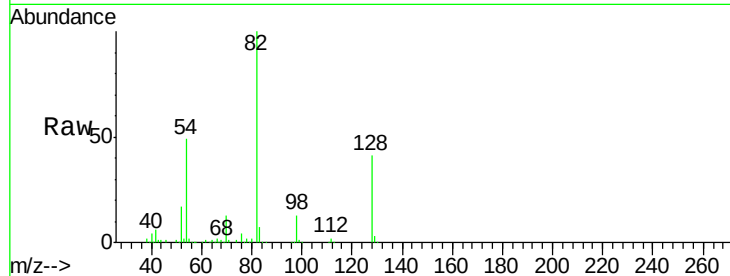




#23
 Nitrobenzene-d5
 Concen: 91.155 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034018.D
 Acq: 26 Apr 2018 19:30

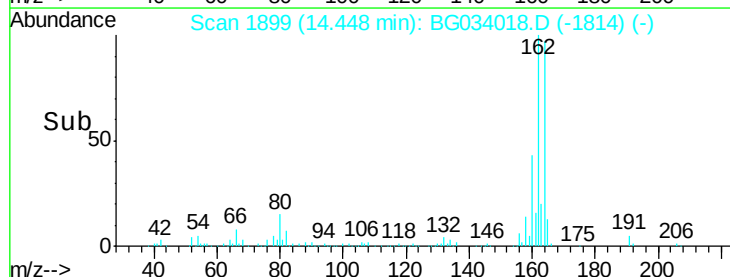
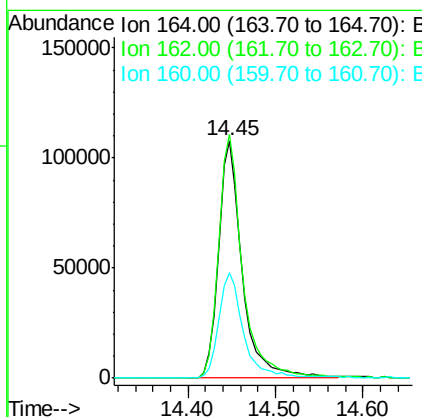
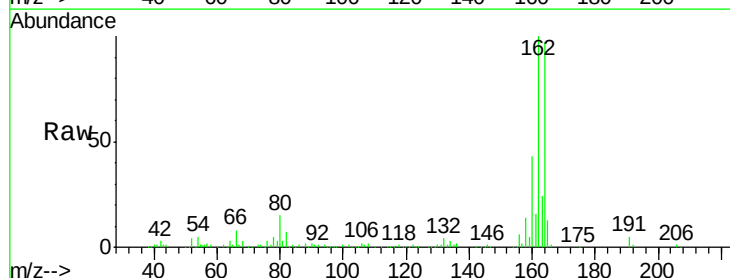
Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-S

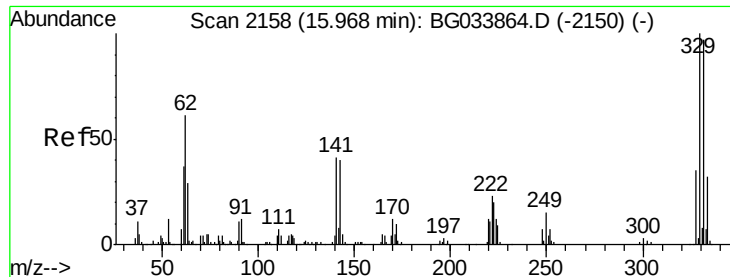
Tot Ion	82	Resp	433326
Ion Ratio	Lower	Upper	
82	100		
128	41.4	29.7	44.5
54	48.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.03 min
 Lab File: BG034018.D
 Acq: 26 Apr 2018 19:30

Tgt Ion	164	Resp	201892
Ion Ratio	Lower	Upper	
164	100		
162	102.6	78.8	118.2
160	44.4	35.4	53.0

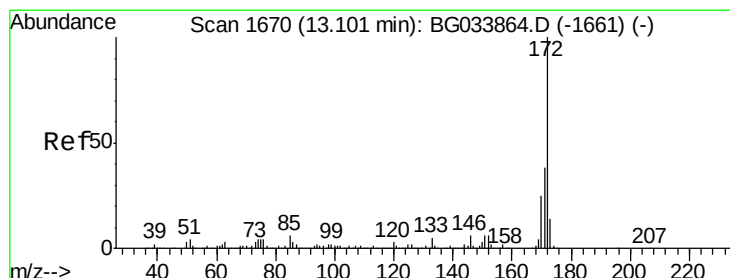
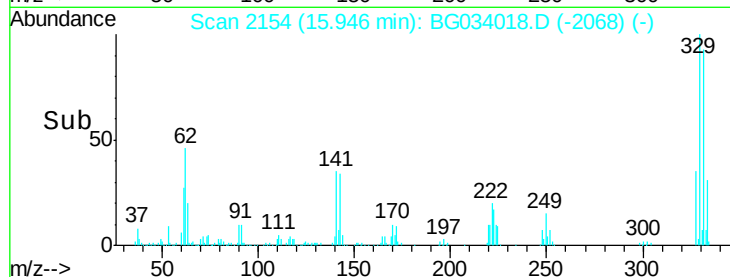
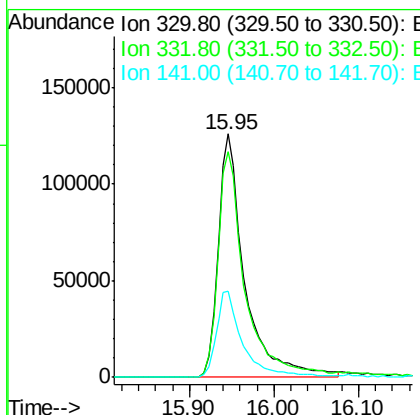
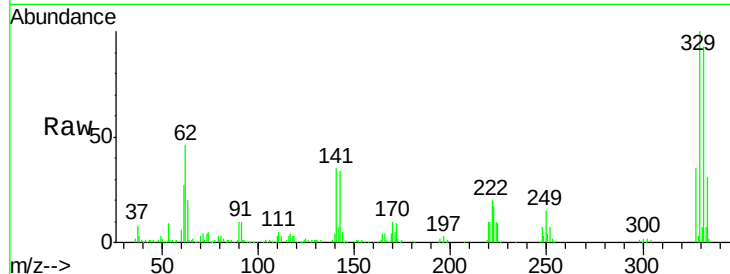




#41
 2,4,6-Tribromophenol
 Concen: 116.694 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG034018.D
 Acq: 26 Apr 2018 19:30

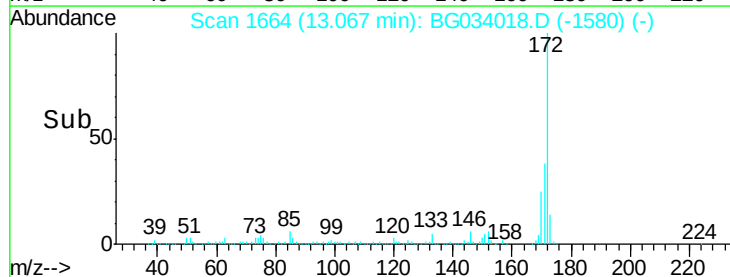
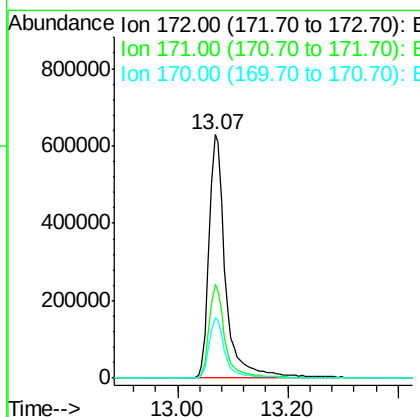
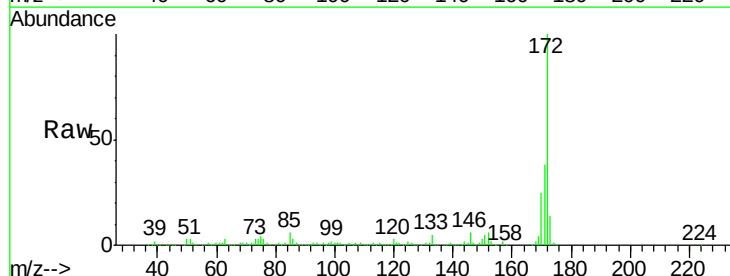
Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-D-S

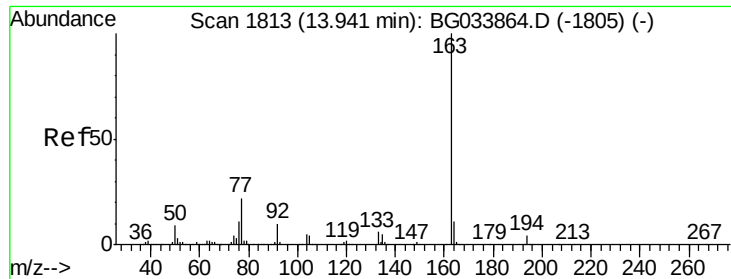
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.789 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BG034018.D
 Acq: 26 Apr 2018 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.6	19.5	29.3





#49

Dimethylphthalate

Concen: 3.487 ng

RT: 13.91 min Scan# 1807

Delta R.T. -0.03 min

Lab File: BG034018.D

Acq: 26 Apr 2018 19:30

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-D-S

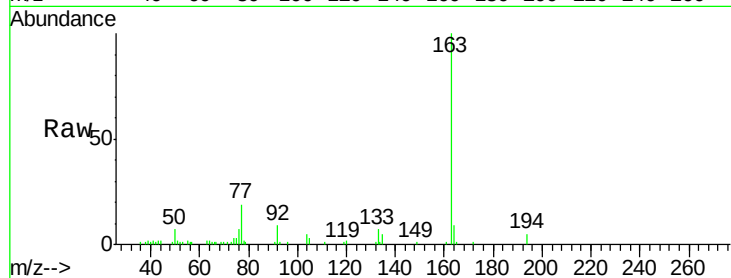
Tot Ion:163 Resp: 61934

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

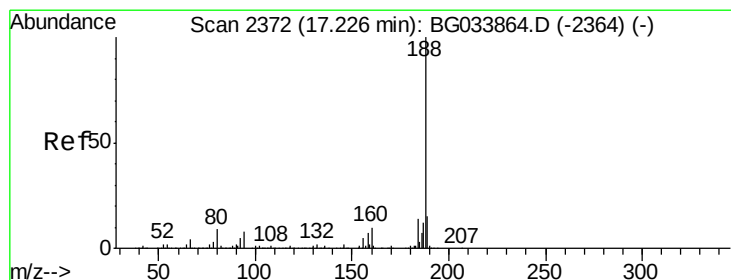
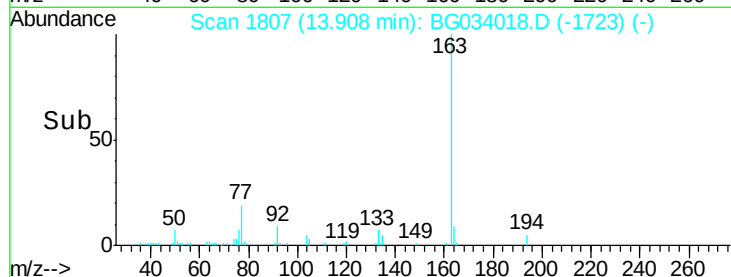
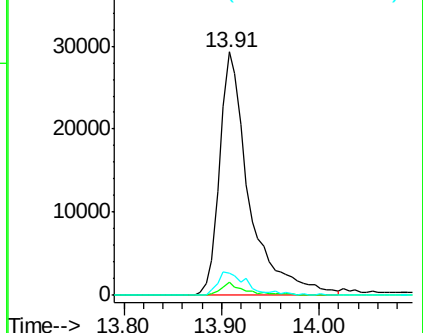
164 8.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034018.D

Acq: 26 Apr 2018 19:30

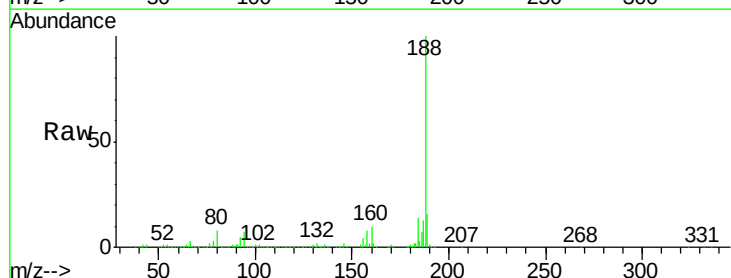
Tgt Ion:188 Resp: 586787

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

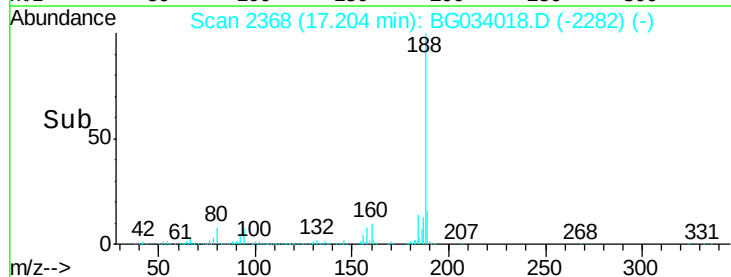
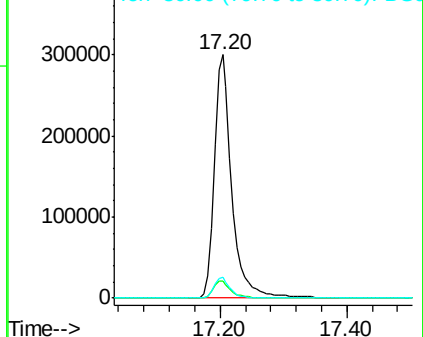
80 8.5 7.7 11.5

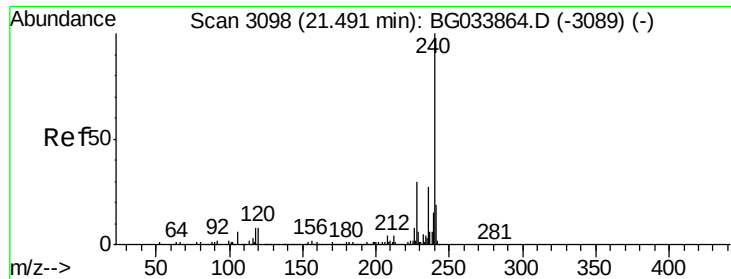


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3092

Delta R.T. -0.03 min

Lab File: BG034018.D

Acq: 26 Apr 2018 19:30

Instrument :

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ClientSampleId :

042318-DBRI-E-D-S

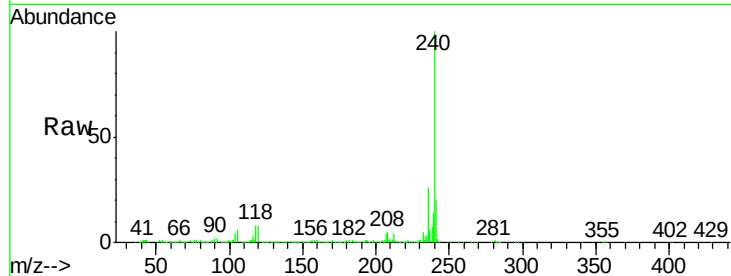
Tot Ion:240 Resp: 631784

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

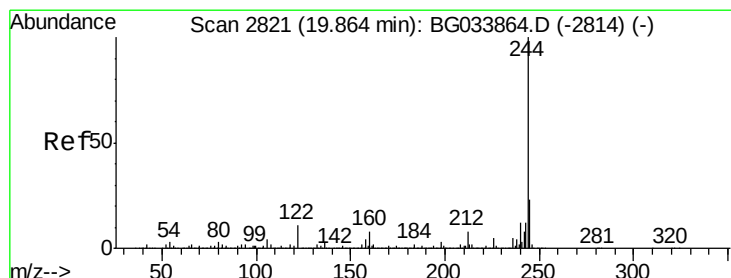
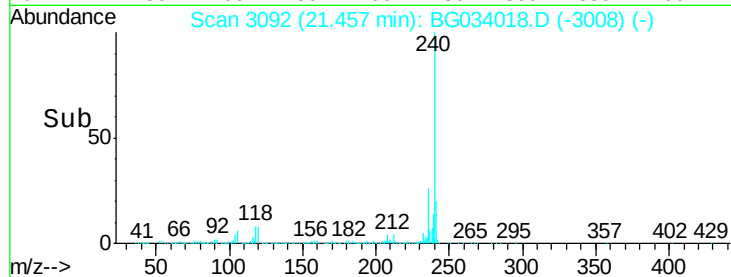
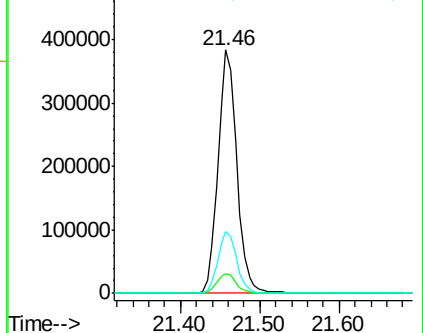
236 25.5 20.9 31.3



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: 86.892 ng

RT: 19.84 min Scan# 2816

Delta R.T. -0.03 min

Lab File: BG034018.D

Acq: 26 Apr 2018 19:30

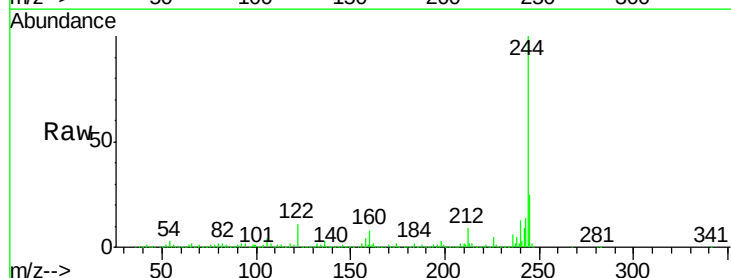
Tgt Ion:244 Resp: 2443539

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

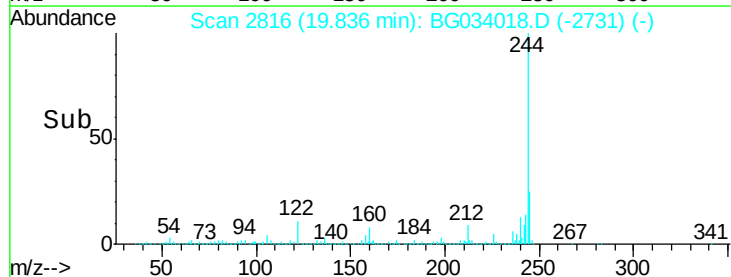
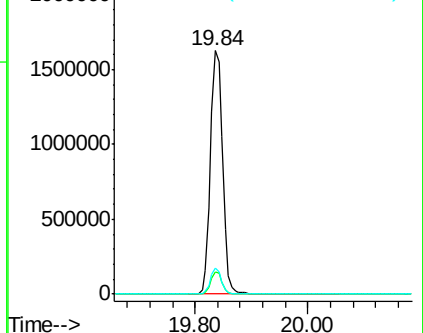
122 10.6 7.0 10.4#

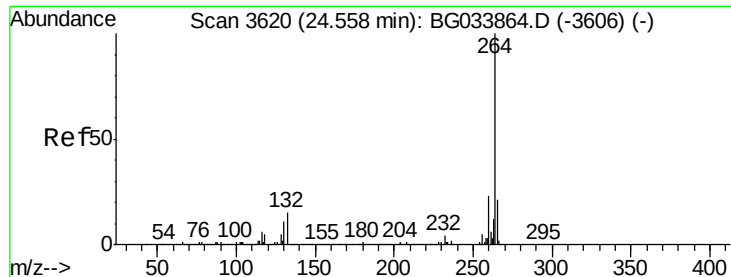


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3613
 Delta R.T. -0.04 min
 Lab File: BG034018.D
 Acq: 26 Apr 2018 19:30

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

Tot Ion: 264 Resp: 616055
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.8 17.7 26.5

