

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033922.D
 Acq On : 23 Apr 2018 15:54
 Operator : SJ/JU
 Sample : J2492-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-U-S

Quant Time: Apr 24 03:58:58 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	62358	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	283225	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	201103	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	549796	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	565377	20.00	ng	-0.02
86) Perylene-d12	24.53	264	573408	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	185343	47.45	ng	0.00
7) Phenol-d6	7.00	99	156088	27.40	ng	0.00
23) Nitrobenzene-d5	8.98	82	516181	103.72	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	275495	117.42	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1238531	90.47	ng	-0.01
78) Terphenyl-d14	19.85	244	2319162	92.16	ng	-0.01

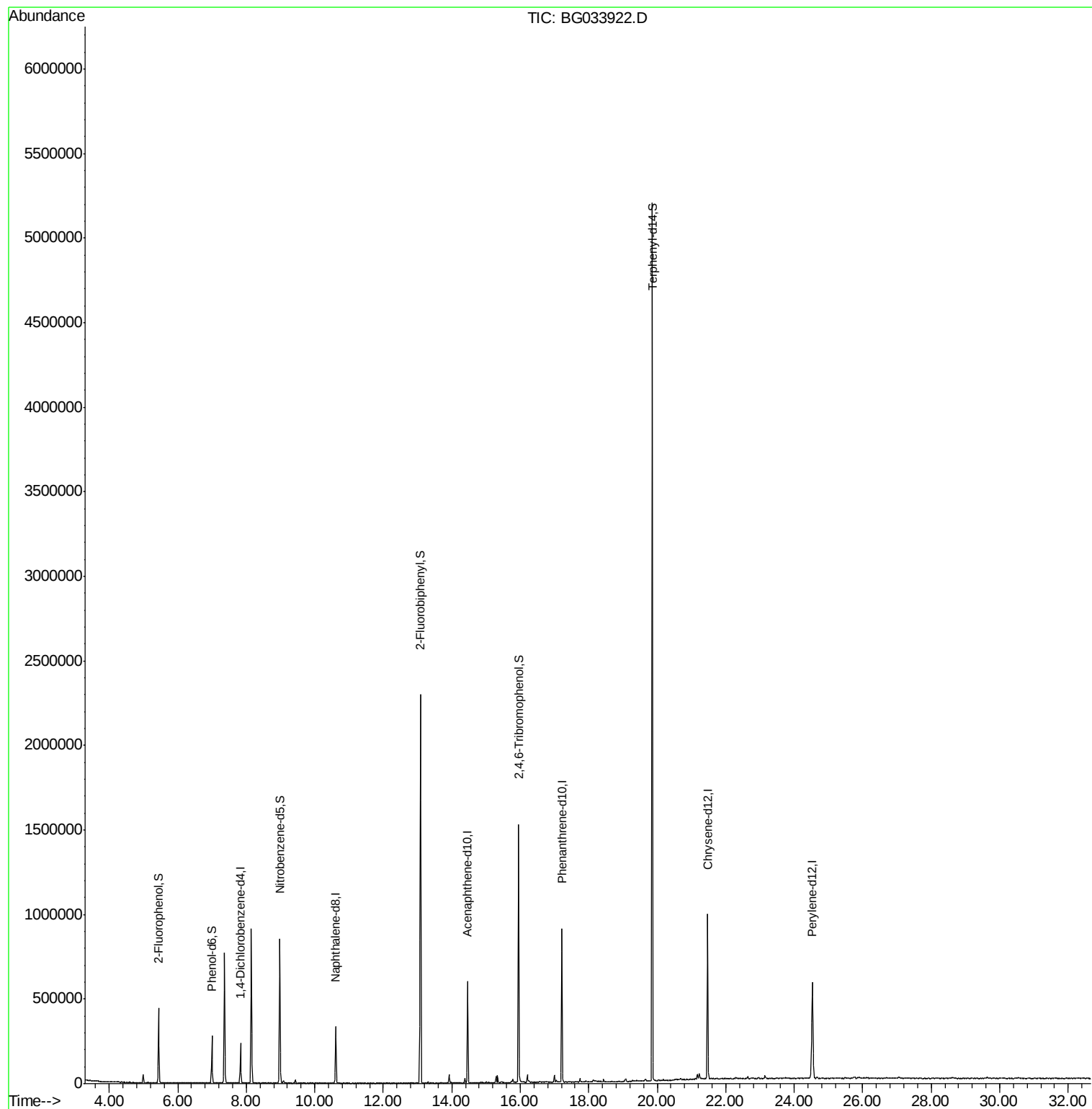
Target Compounds Qvalue

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

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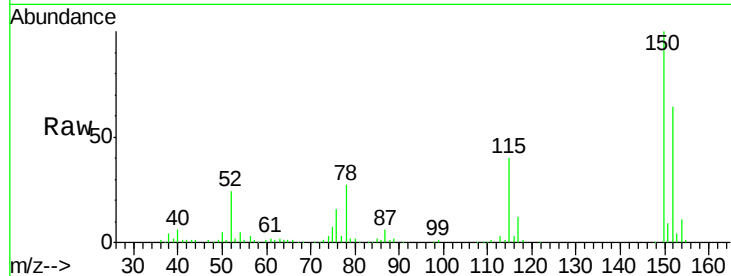


#1

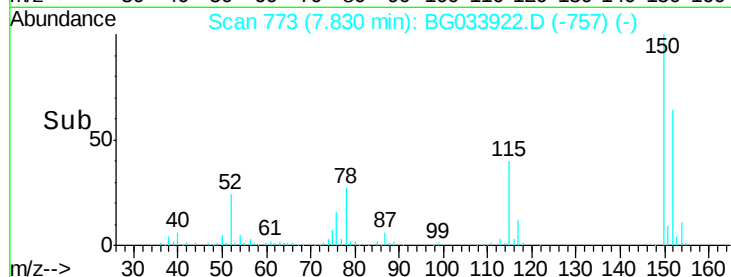
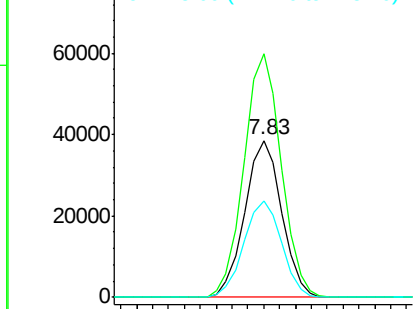
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033922.D
Acq: 23 Apr 2018 15:54

Instrument :
BNA_G
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Tot Ion	152	Resp	62358
Ion Ratio	Lower	Upper	
152	100		
150	155.1	126.6	189.8
115	61.7	53.0	79.4



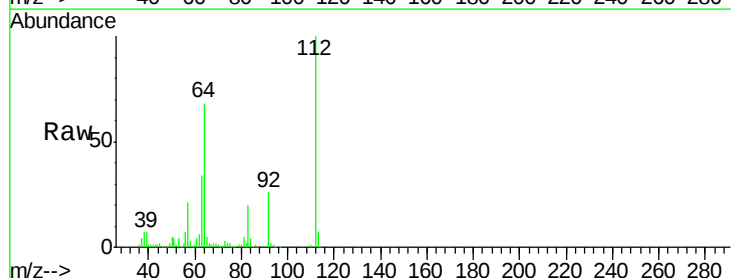
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



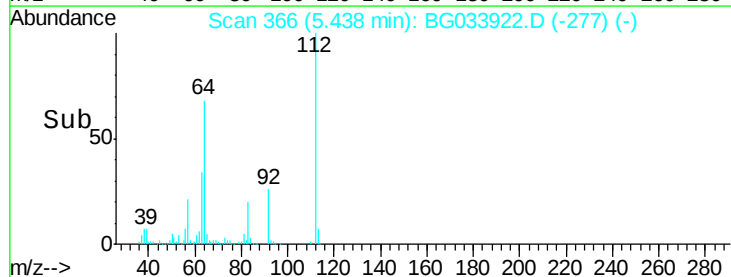
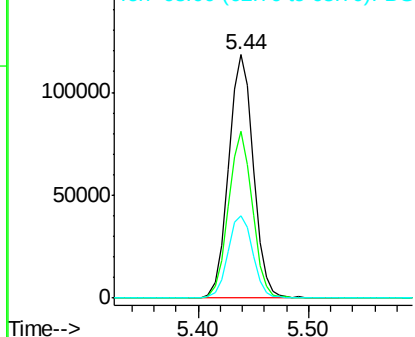
#5

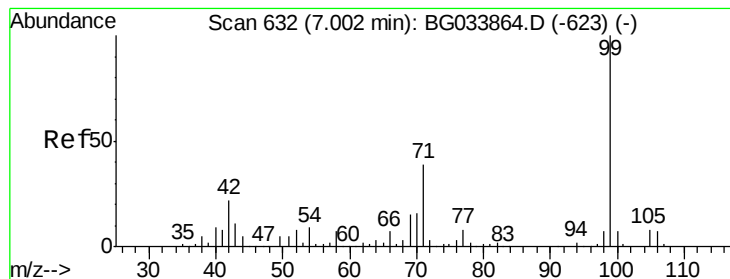
2-Fluorophenol
Concen: 47.453 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033922.D
Acq: 23 Apr 2018 15:54

Tgt Ion	112	Resp	185343
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.3	84.5
63	33.9	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: 27.399 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033922.D

Acq: 23 Apr 2018 15:54

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-U-S

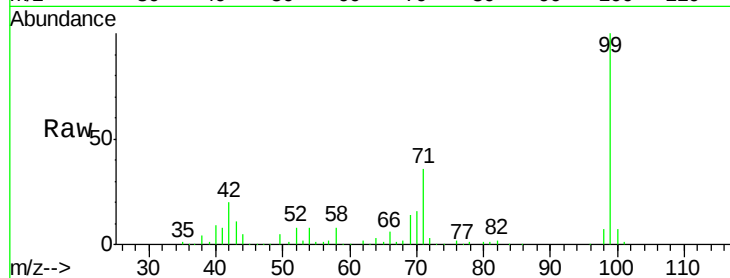
Tot Ion: 99 Resp: 156088

Ion Ratio Lower Upper

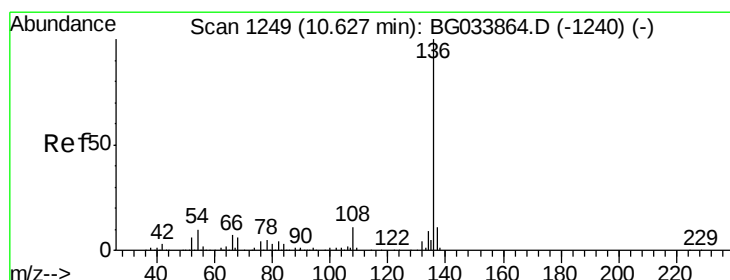
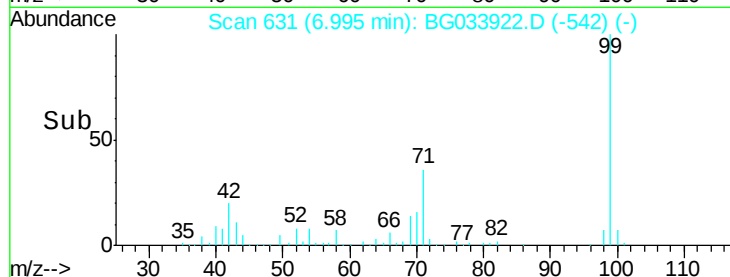
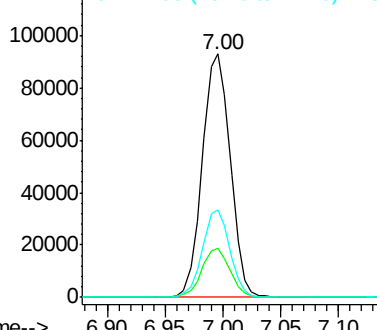
99 100

42 20.2 14.1 21.1

71 36.1 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: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033922.D

Acq: 23 Apr 2018 15:54

Tgt Ion: 136 Resp: 283225

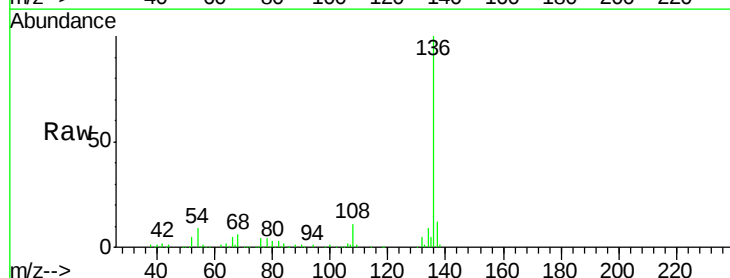
Ion Ratio Lower Upper

136 100

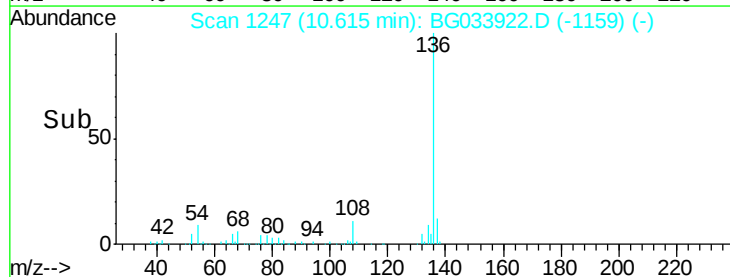
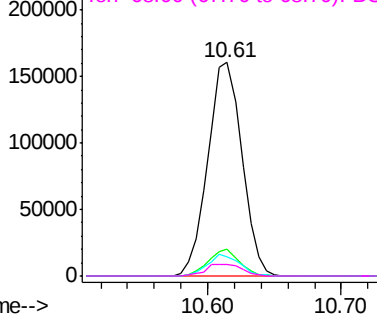
137 12.4 9.2 13.8

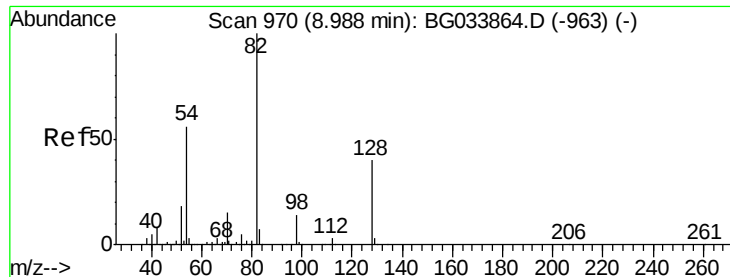
54 9.2 10.3 15.5#

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

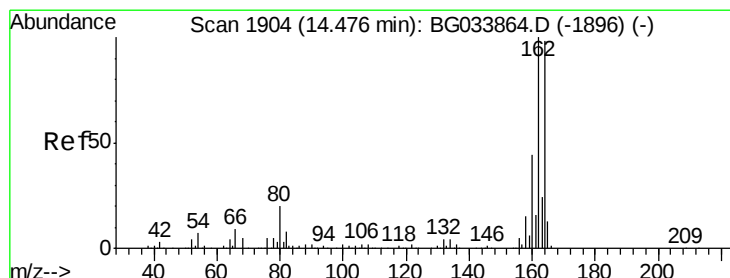
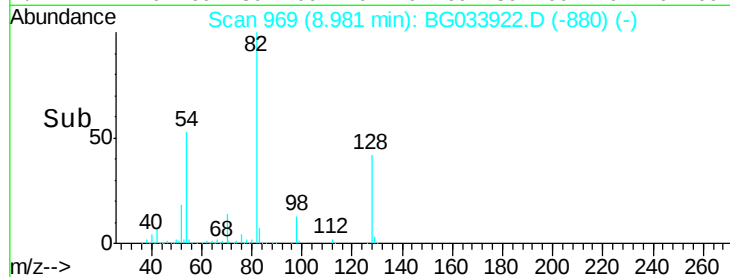
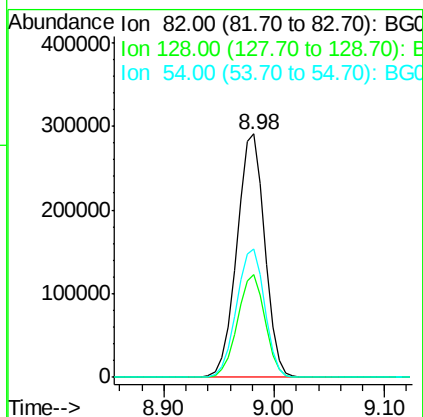
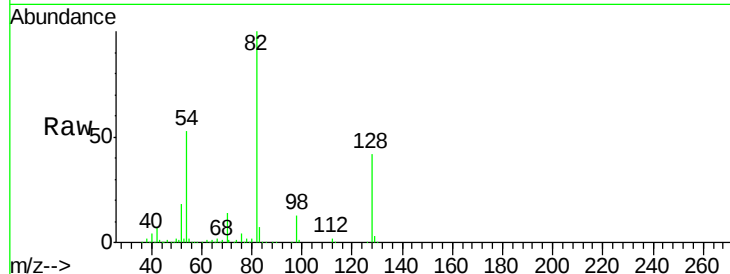




#23
 Nitrobenzene-d5
 Concen: 103.718 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033922.D
 Acq: 23 Apr 2018 15:54

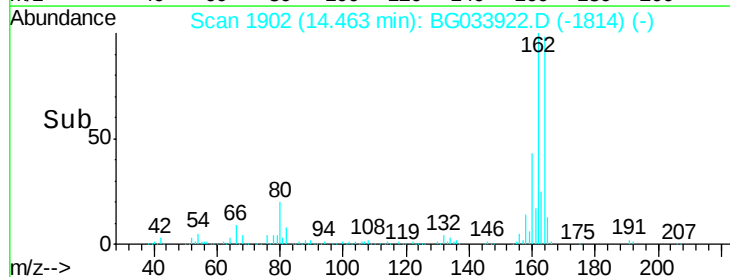
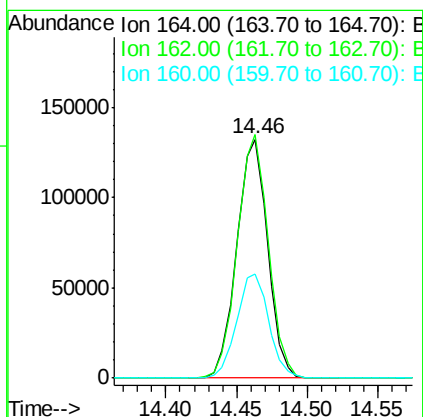
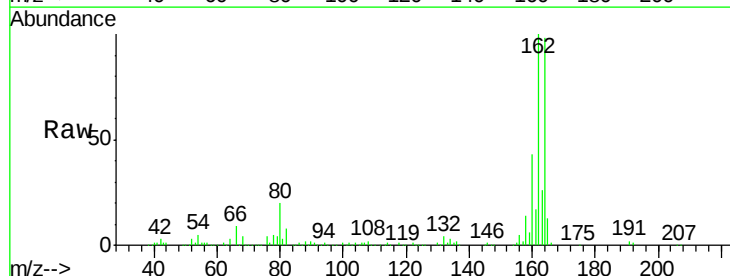
Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-U-S

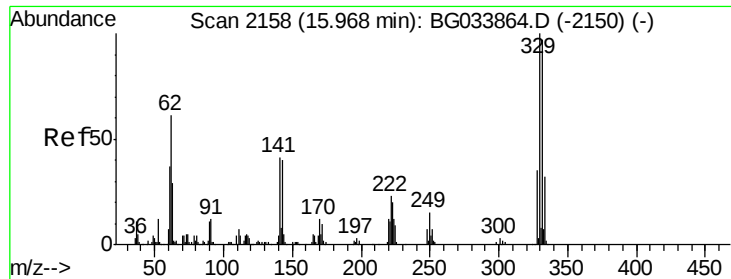
Tot Ion	82	Resp	516181
Ion Ratio	100	Lower	Upper
128	42.1	29.7	44.5
54	53.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033922.D
 Acq: 23 Apr 2018 15:54

Tgt Ion	164	Resp	201103
Ion Ratio	100	Lower	Upper
162	101.9	78.8	118.2
160	43.6	35.4	53.0

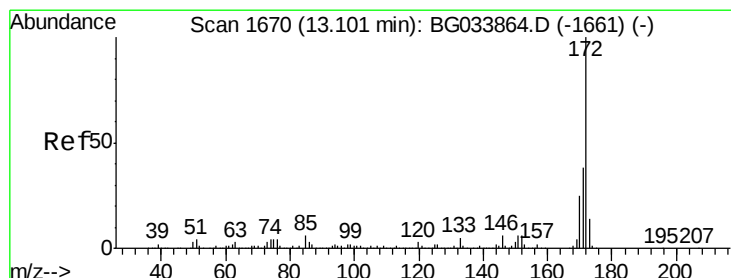
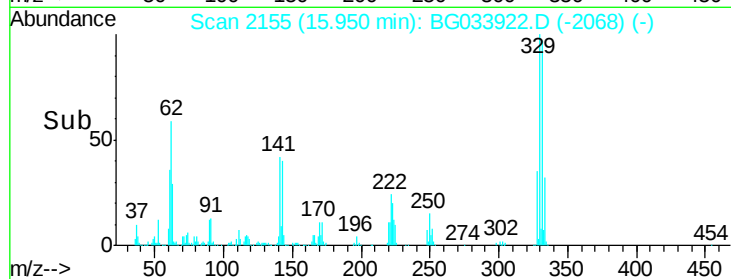
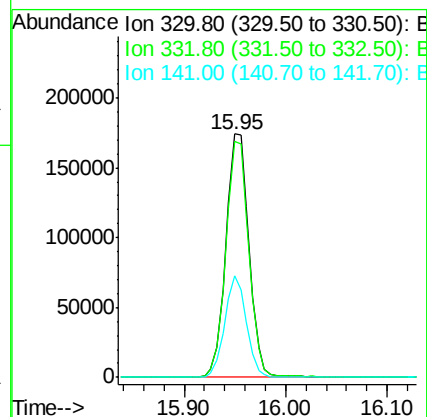
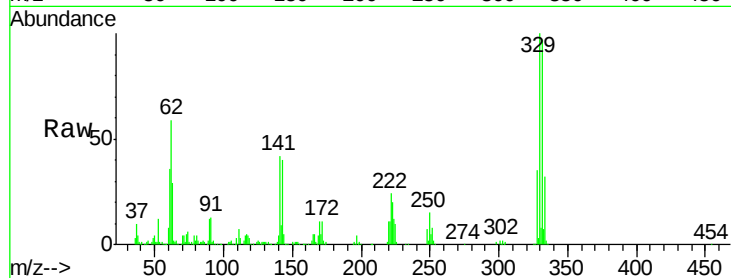




#41
 2,4,6-Tribromophenol
 Concen: 117.422 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033922.D
 Acq: 23 Apr 2018 15:54

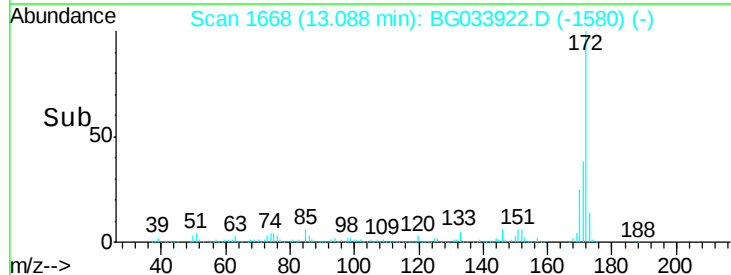
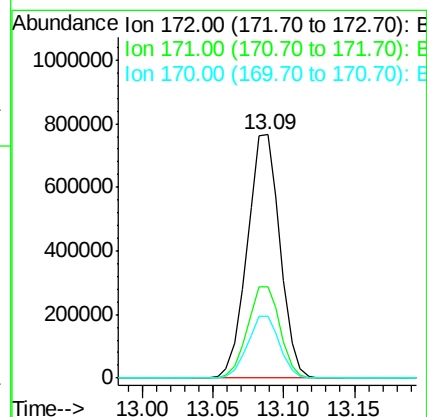
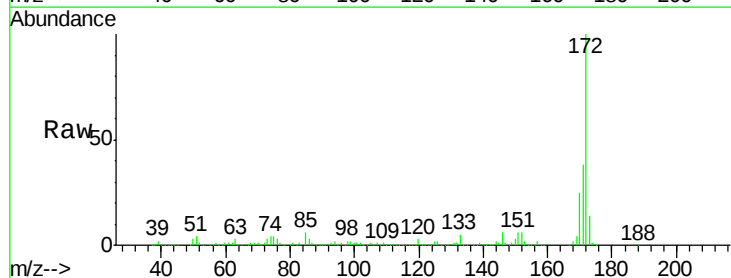
Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-U-S

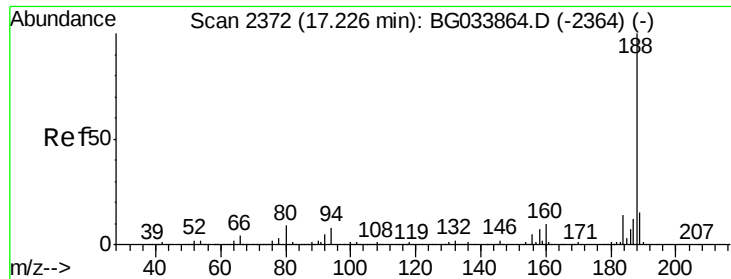
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.473 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033922.D
 Acq: 23 Apr 2018 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.5	19.5	29.3

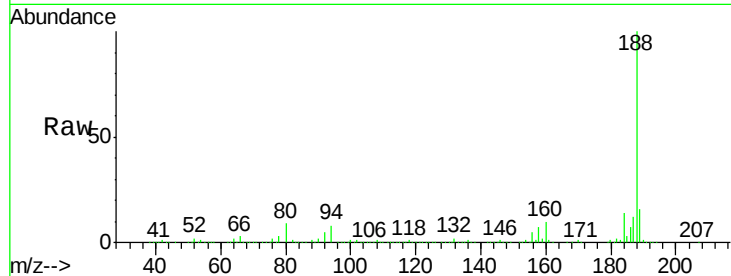




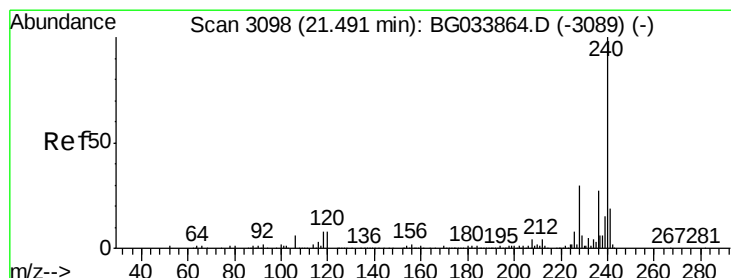
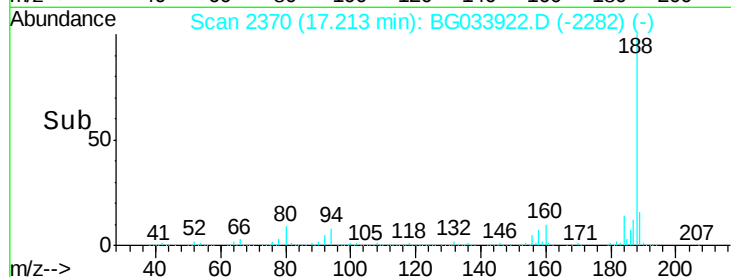
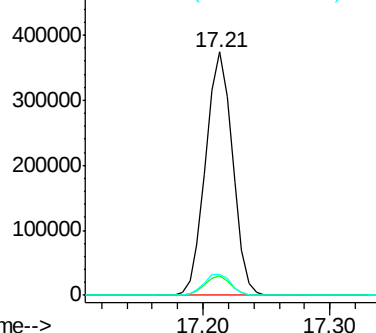
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033922.D
Acq: 23 Apr 2018 15:54

Instrument :
BNA_G
ClientSampleId :
041918-DBRI-E-U-S

Tot Ion	188	Resp	549796
Ion Ratio	100	Lower	Upper
94	7.8	6.9	10.3
80	8.6	7.7	11.5

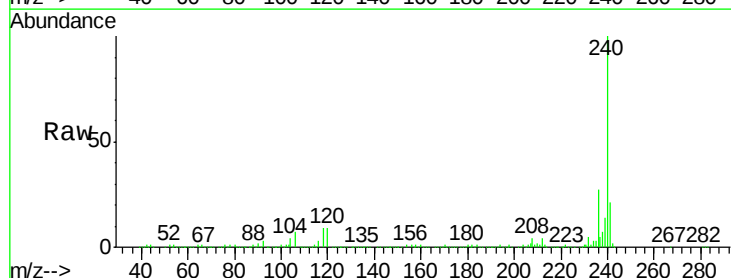


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

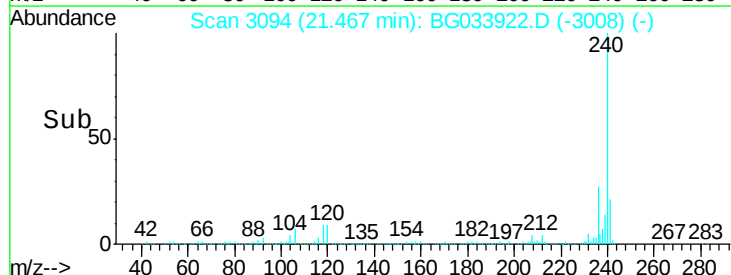
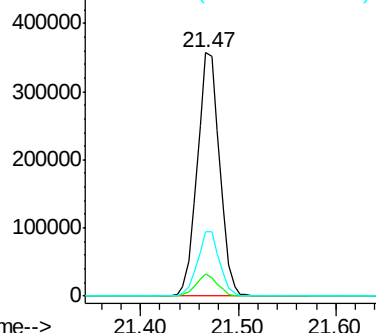


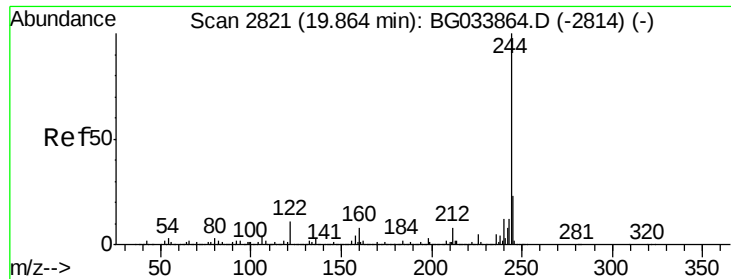
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033922.D
Acq: 23 Apr 2018 15:54

Tgt Ion	240	Resp	565377
Ion Ratio	100	Lower	Upper
120	9.0	6.8	10.2
236	26.7	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: 92.156 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033922.D

Acq: 23 Apr 2018 15:54

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-U-S

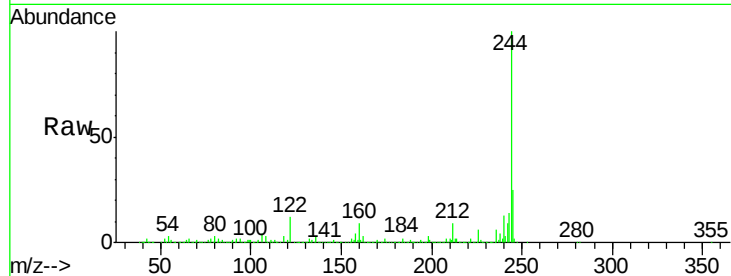
Tot Ion:244 Resp: 2319162

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

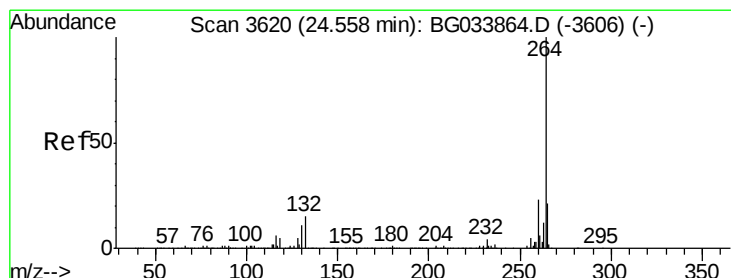
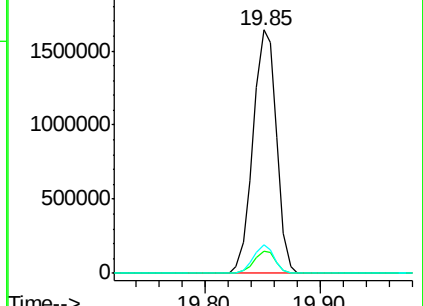
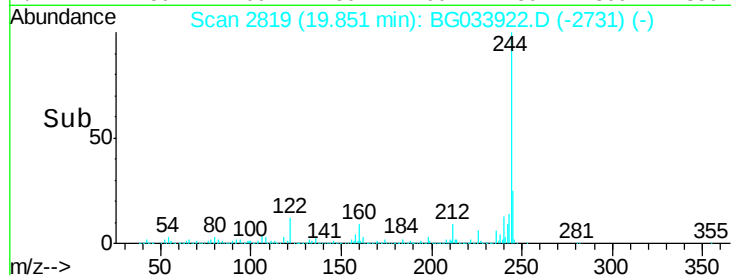
122 11.6 7.0 10.4#



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: BG033922.D

Acq: 23 Apr 2018 15:54

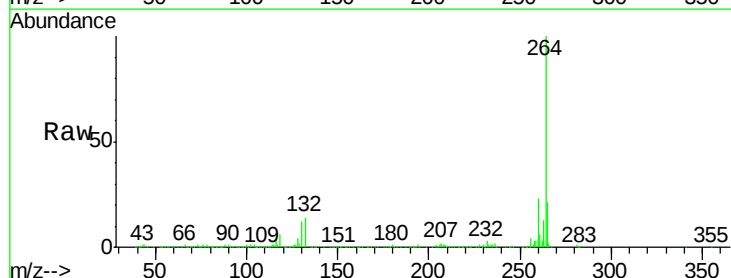
Tgt Ion:264 Resp: 573408

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.1 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

