

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035995.D
 Acq On : 31 Jul 2018 4:39
 Operator : JU/SJ
 Sample : J4219-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-U-S

Quant Time: Jul 31 06:05:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 01:42:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33471	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	123698	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93542	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	270545	20.00	ng	0.00
75) Chrysene-d12	21.65	240	272847	20.00	ng	0.00
86) Perylene-d12	24.85	264	254583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	90106	44.69	ng	0.00
7) Phenol-d6	7.19	99	89980	29.91	ng	-0.01
23) Nitrobenzene-d5	9.18	82	290407	98.07	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	130282	105.67	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	722719	103.51	ng	0.00
78) Terphenyl-d14	20.00	244	1172583	94.73	ng	0.00

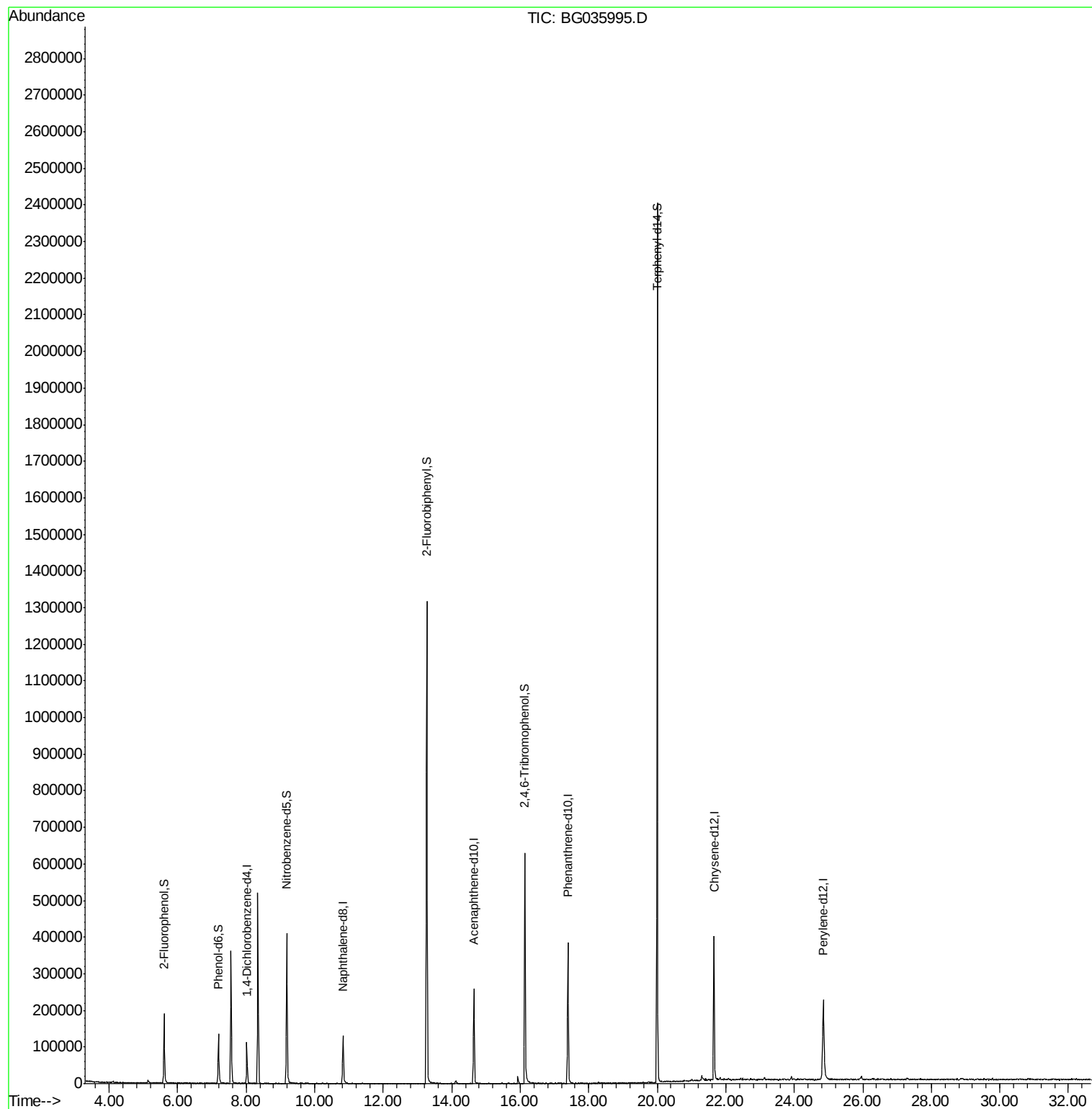
Target Compounds Qvalue

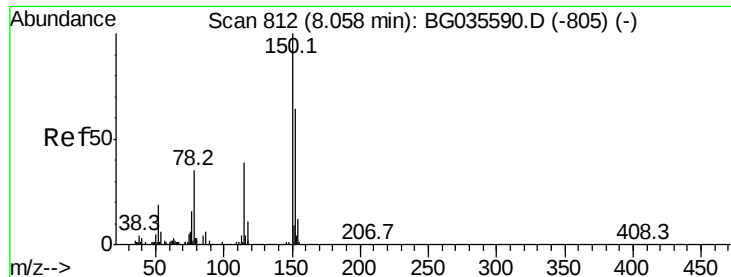
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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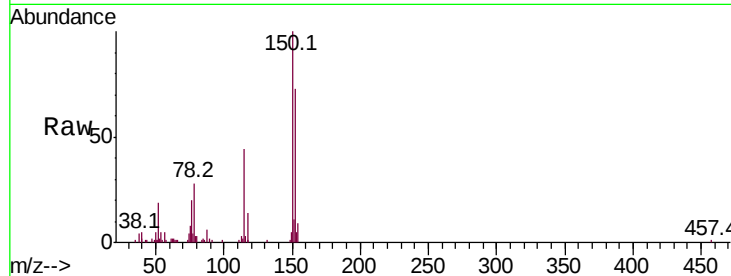


#1

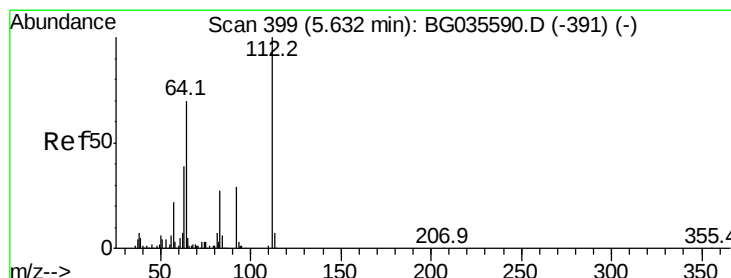
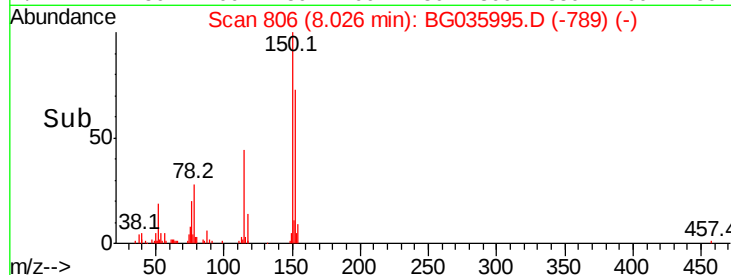
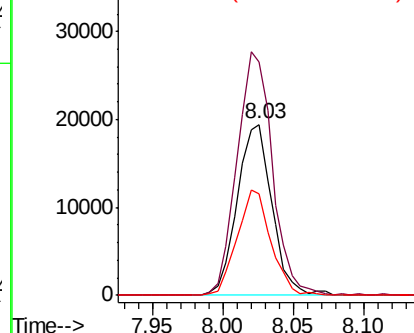
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-U-S

Tot Ion:152 Resp: 33471
Ion Ratio Lower Upper
152 100
150 136.2 126.6 189.8
115 59.3 53.0 79.4



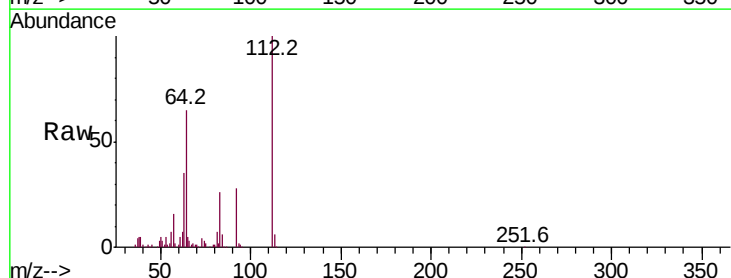
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



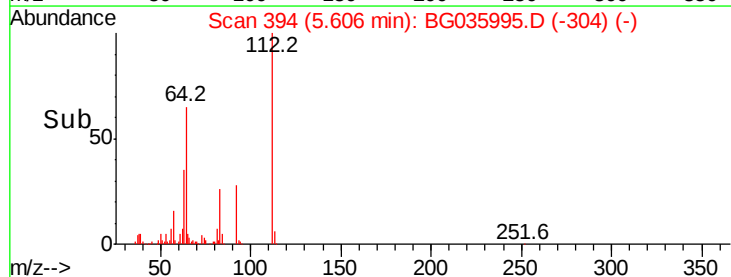
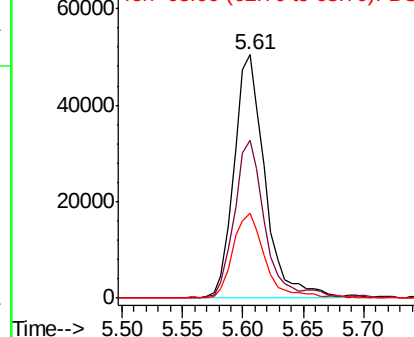
#5

2-Fluorophenol
Concen: 44.695 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

Tgt Ion:112 Resp: 90106
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 35.1 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: 29.914 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG035995.D

Acq: 31 Jul 2018 4:39

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-U-S

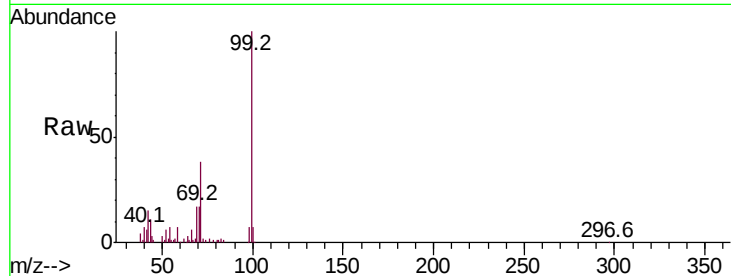
Tot Ion: 99 Resp: 89980

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 38.2 26.1 39.1

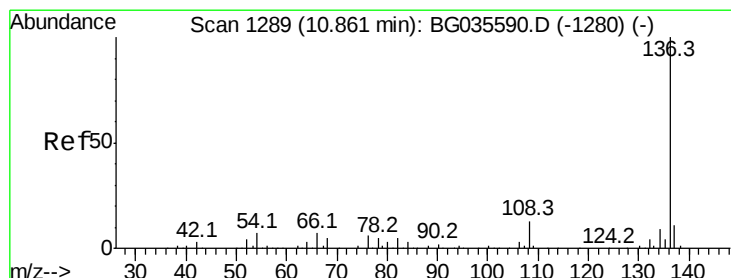
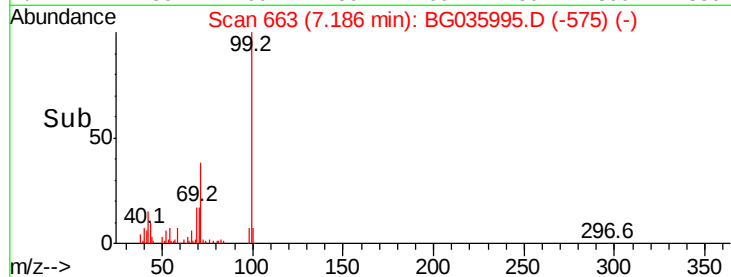
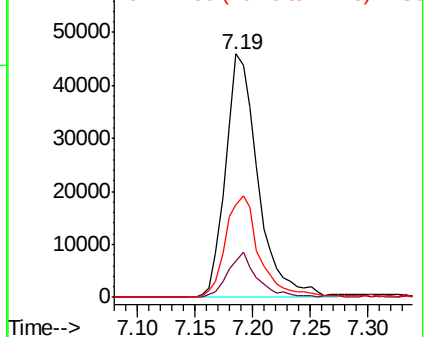


Abundance

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: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035995.D

Acq: 31 Jul 2018 4:39

Tgt Ion: 136 Resp: 123698

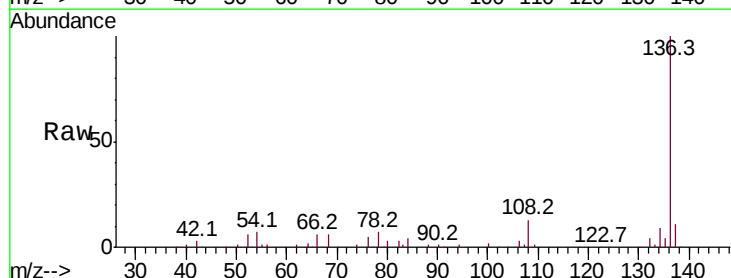
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.2 10.3 15.5#

68 5.9 4.5 6.7



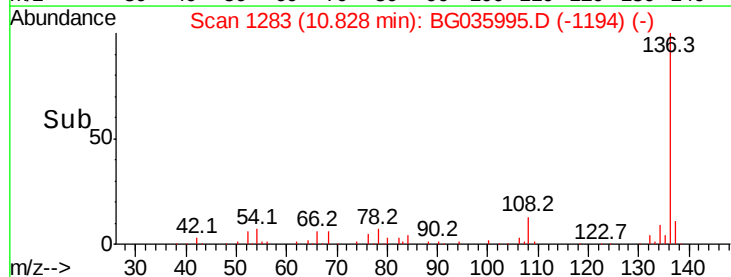
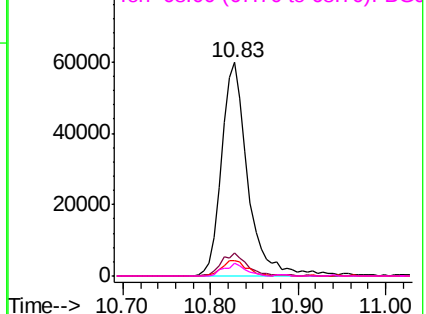
Abundance

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

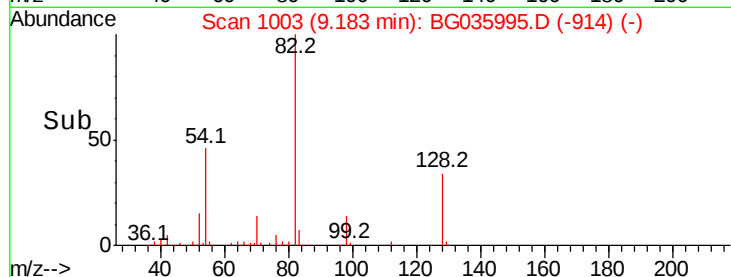
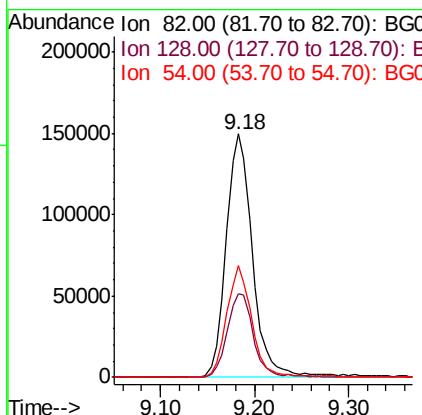
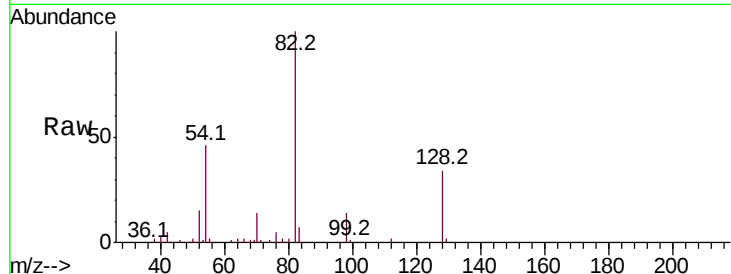




#23
 Nitrobenzene-d5
 Concen: 98.075 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG035995.D
 Acq: 31 Jul 2018 4:39

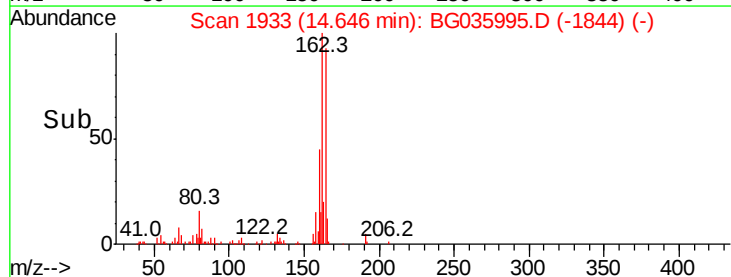
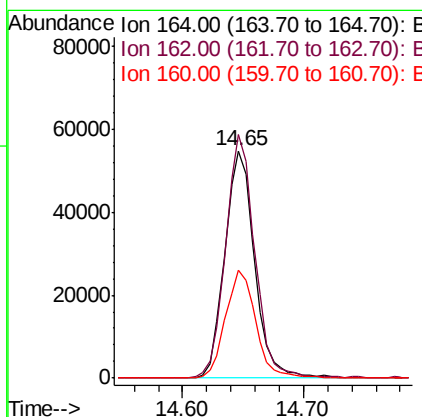
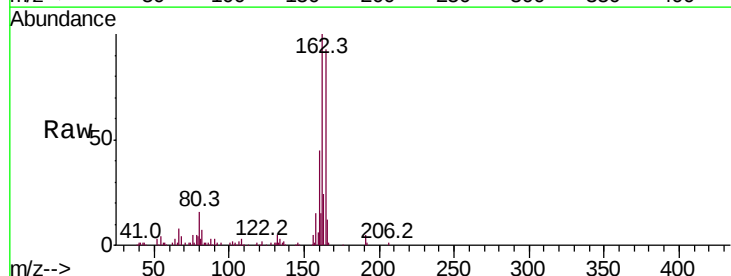
Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-U-S

Tot Ion	82	Resp	290407
Ion Ratio	Lower	Upper	
82	100		
128	34.3	29.7	44.5
54	45.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG035995.D
 Acq: 31 Jul 2018 4:39

Tgt Ion	164	Resp	93542
Ion Ratio	Lower	Upper	
164	100		
162	107.0	78.8	118.2
160	47.6	35.4	53.0

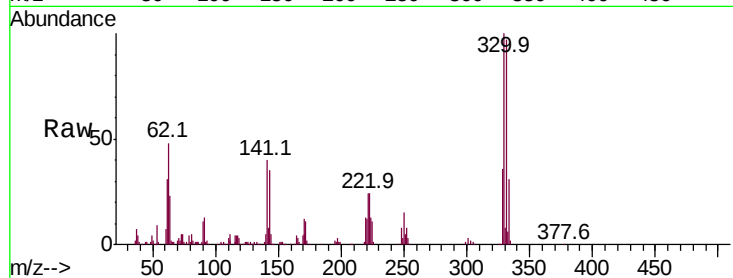




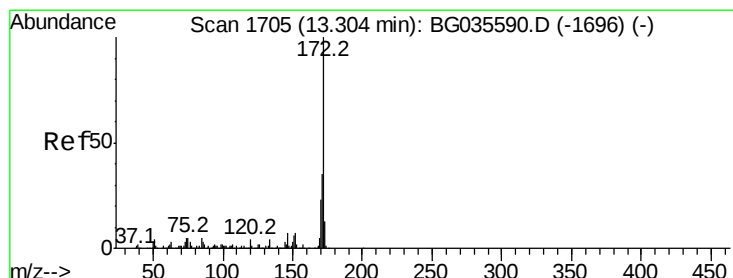
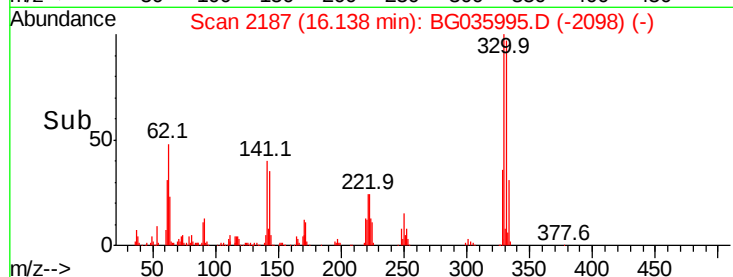
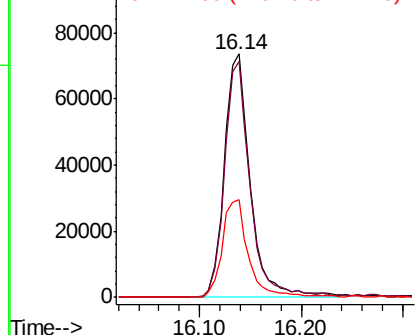
#41
2,4,6-Tribromophenol
Concen: 105.667 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.6	25.2	37.8#

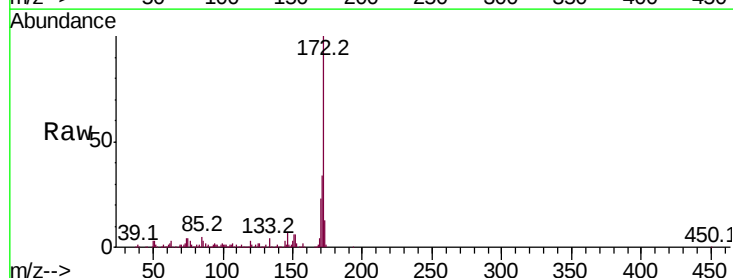


Abundance Ion 329.80 (329.50 to 330.50): E
100000 Ion 331.80 (331.50 to 332.50): E
80000 Ion 141.00 (140.70 to 141.70): E
60000
40000
20000
0

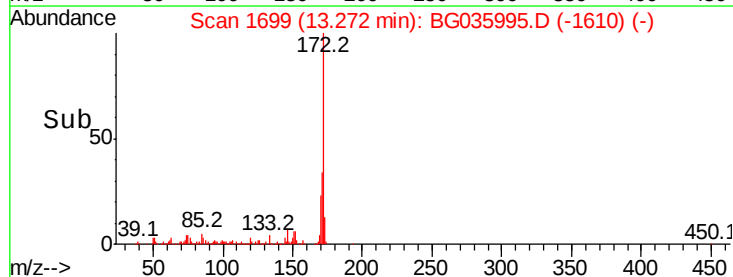
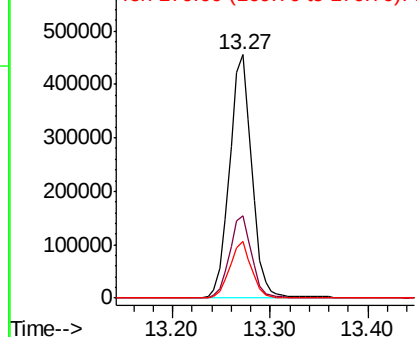


#44
2-Fluorobiphenyl
Concen: 103.510 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.4	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
600000 Ion 171.00 (170.70 to 171.70): E
500000 Ion 170.00 (169.70 to 170.70): E
400000
300000
200000
100000
0

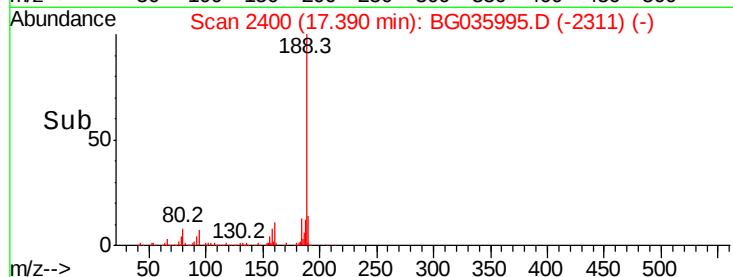
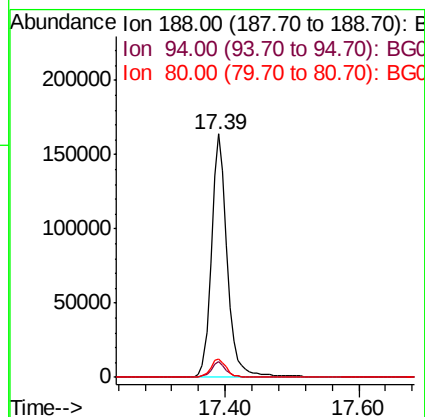
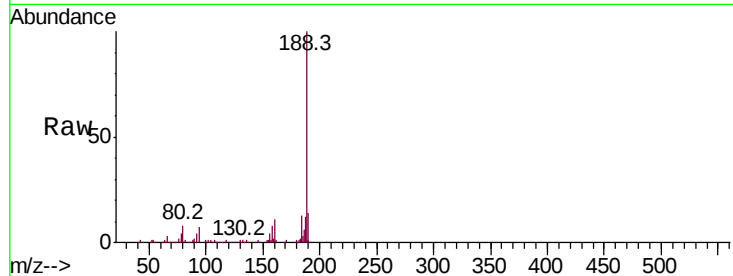




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

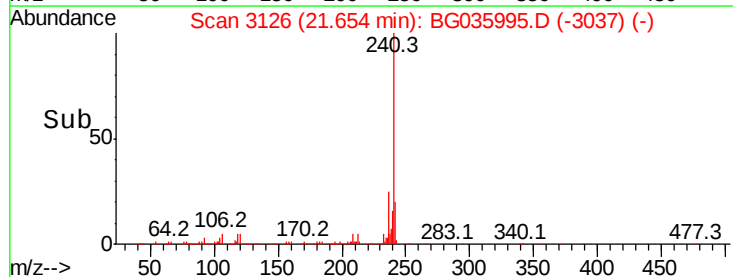
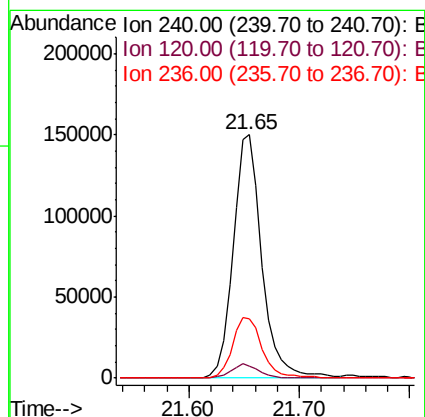
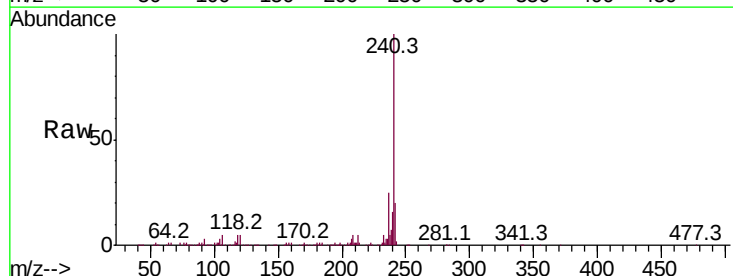
Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-U-S

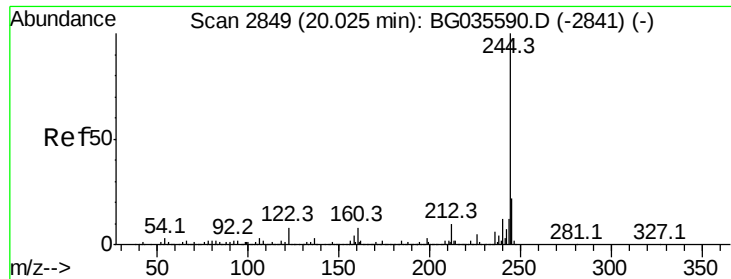
Tot Ion:188 Resp: 270545
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035995.D
Acq: 31 Jul 2018 4:39

Tgt Ion:240 Resp: 272847
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 24.5 20.9 31.3



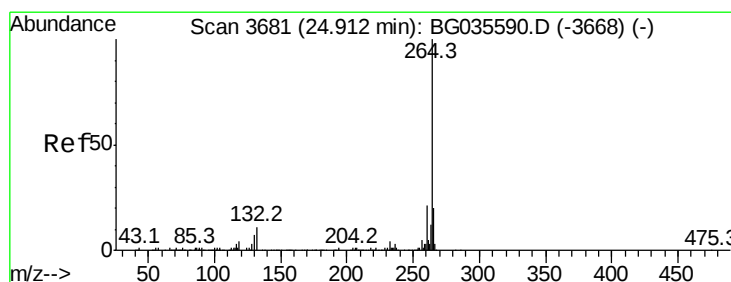
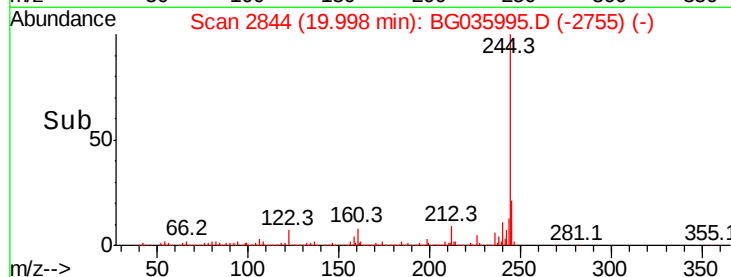
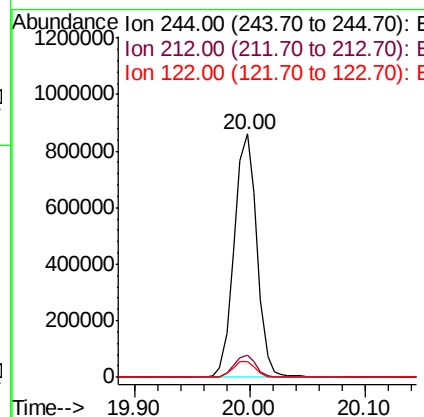
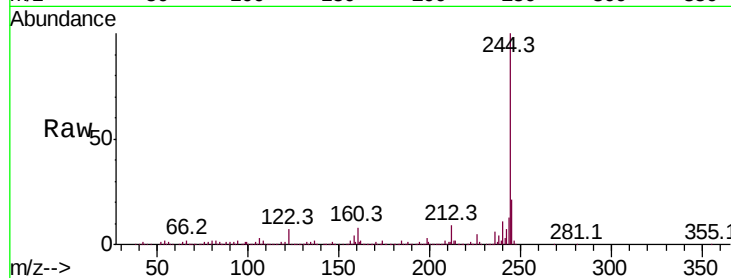


#78
 Terphenyl-d14
 Concen: 94.732 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG035995.D
 Acq: 31 Jul 2018 4:39

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-U-S

Tot Ion:244 Resp: 1172583

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.6	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035995.D
 Acq: 31 Jul 2018 4:39

Tgt Ion:264 Resp: 254583

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.2	17.7	26.5

