

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035896.D
 Acq On : 26 Jul 2018 6:12
 Operator : JU/SJ
 Sample : J4107-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-D-M

Quant Time: Jul 26 07:55:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

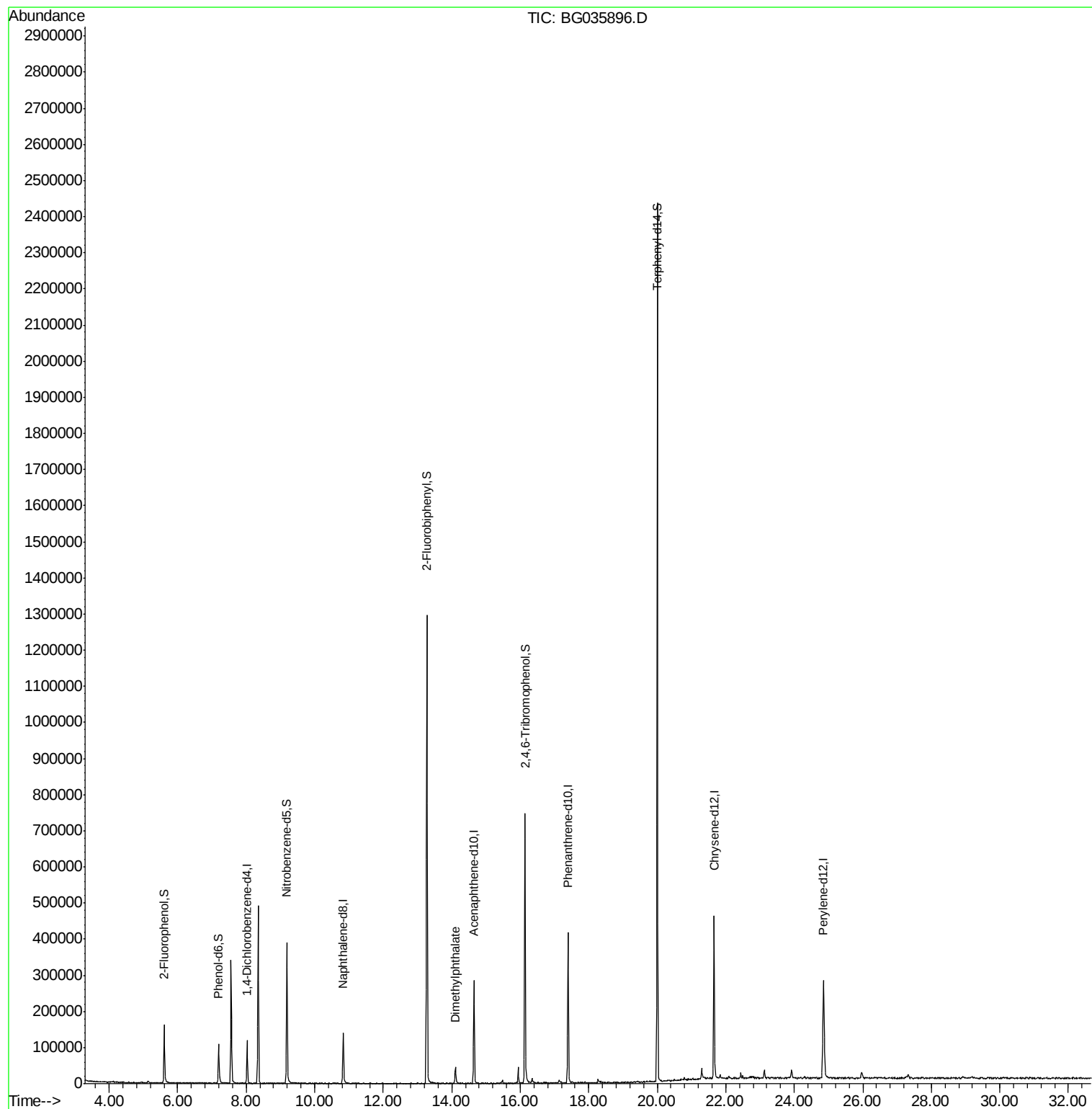
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33261	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129952	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101489	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	289473	20.00	ng	0.00
75) Chrysene-d12	21.65	240	312450	20.00	ng	0.00
86) Perylene-d12	24.85	264	293240	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	78719	39.29	ng	0.00
7) Phenol-d6	7.19	99	77169	25.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	279331	89.79	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	143518	107.29	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	727996	96.10	ng	0.00
78) Terphenyl-d14	20.00	244	1175920	82.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	38984	4.384	ng	Qvalue 97

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

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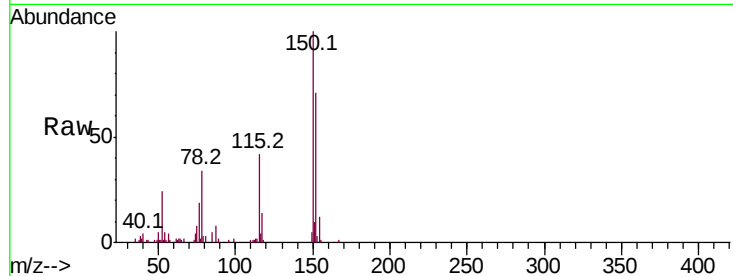


#1

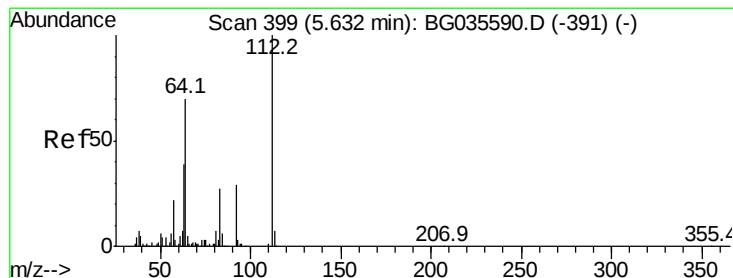
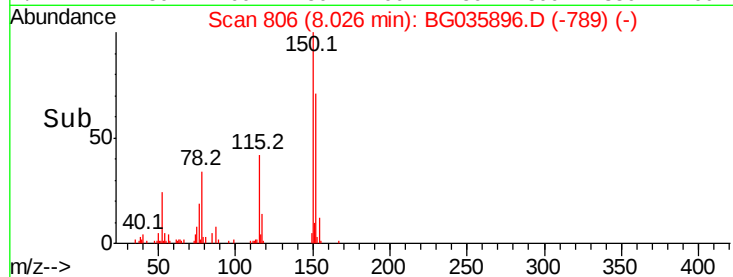
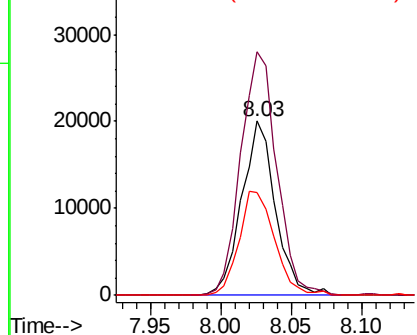
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035896.D
Acq: 26 Jul 2018 6:12

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	126.6	189.8
115	58.8	53.0	79.4



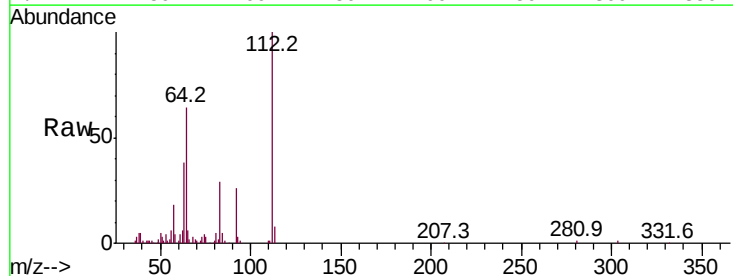
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



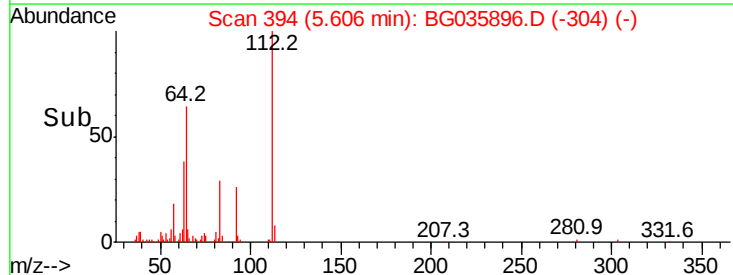
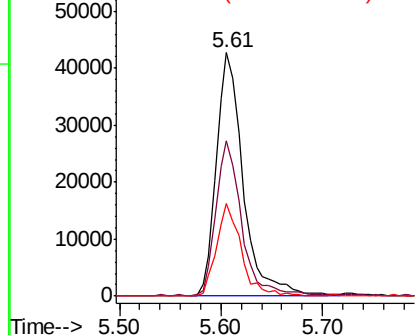
#5

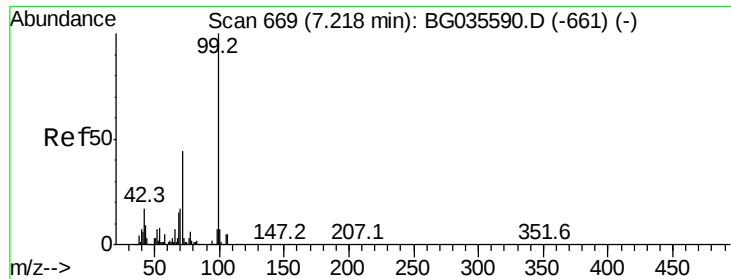
2-Fluorophenol
Concen: 39.293 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035896.D
Acq: 26 Jul 2018 6:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	38.1	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: 25.817 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-M

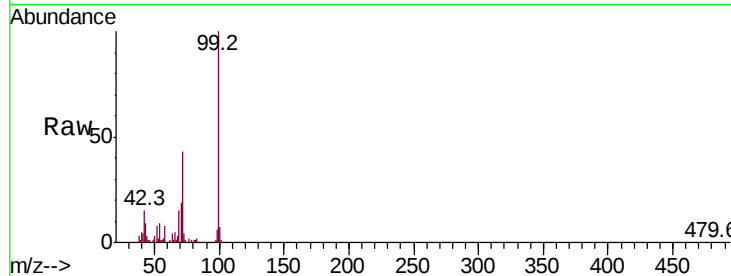
Tot Ion: 99 Resp: 77169

Ion Ratio Lower Upper

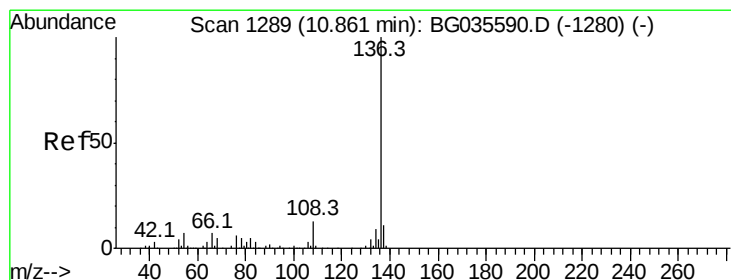
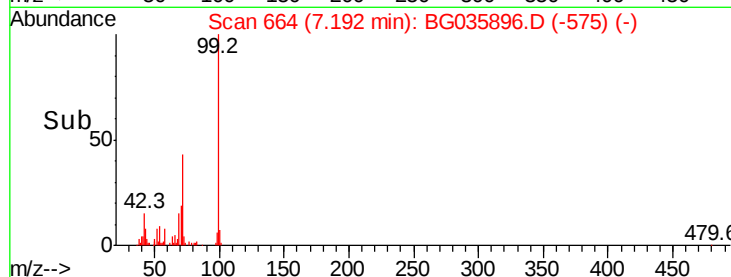
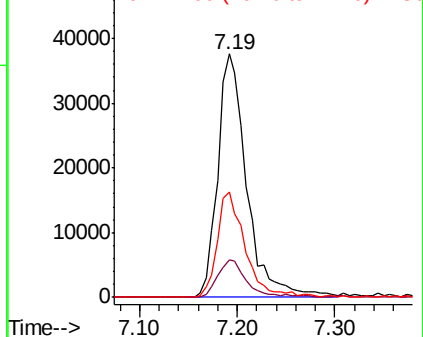
99 100

42 15.3 14.1 21.1

71 43.4 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# 1284

Delta R.T. 0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

Tgt Ion: 136 Resp: 129952

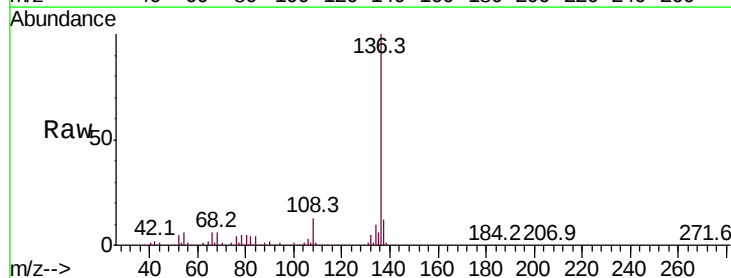
Ion Ratio Lower Upper

136 100

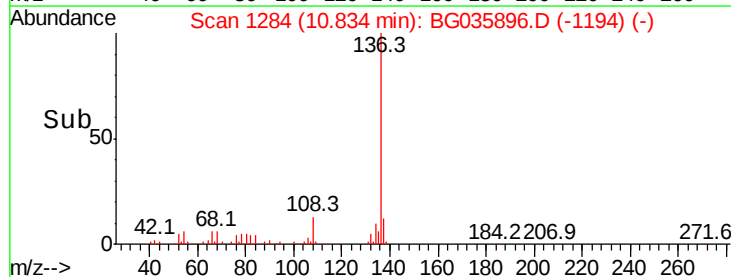
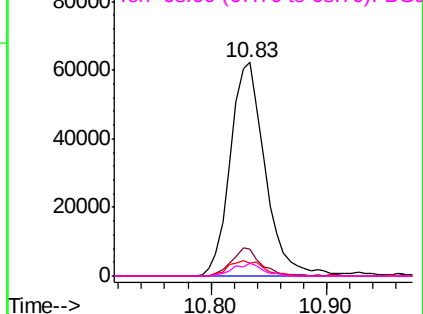
137 12.5 9.2 13.8

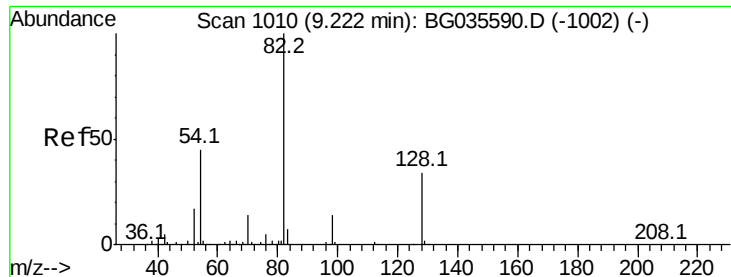
54 6.0 10.3 15.5#

68 6.2 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

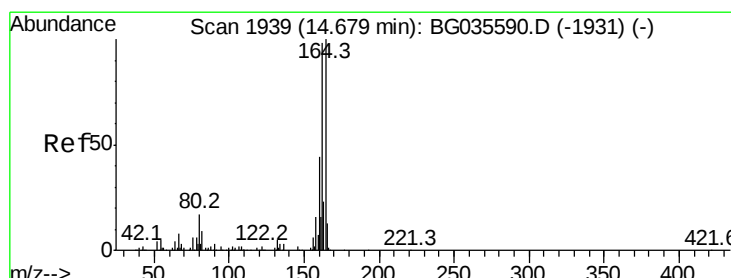
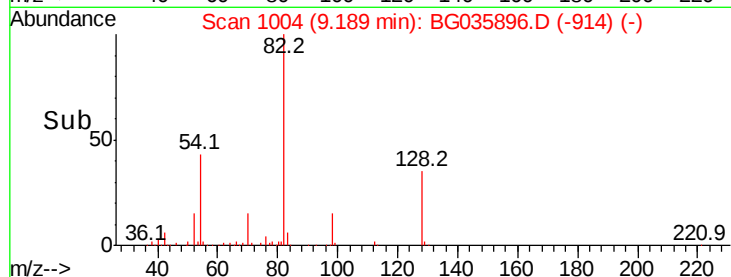
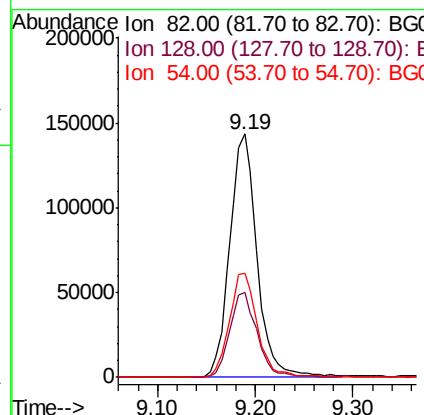
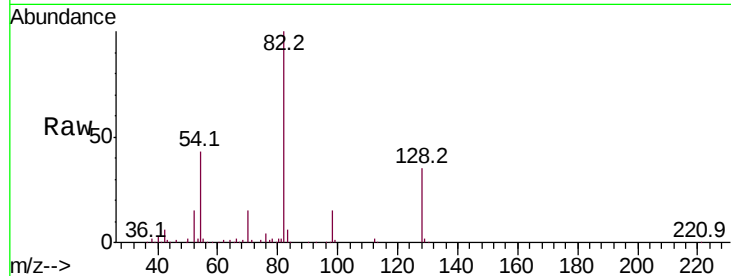




#23
 Nitrobenzene-d5
 Concen: 89.795 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035896.D
 Acq: 26 Jul 2018 6:12

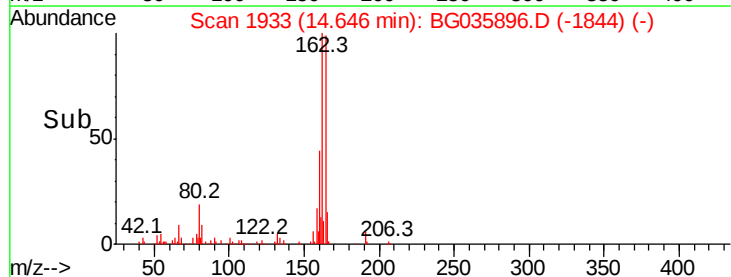
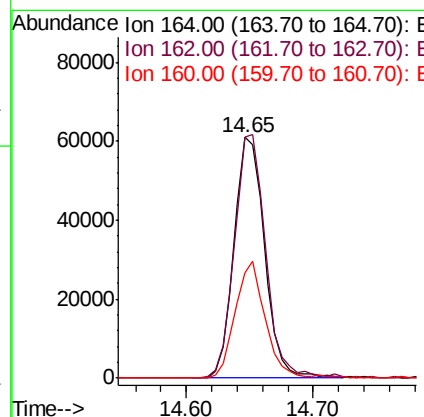
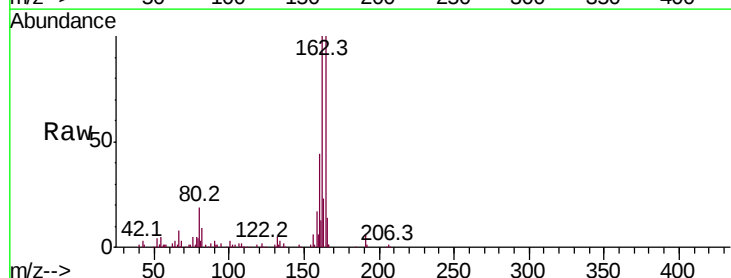
Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-D-M

Tot Ion	82	Resp	279331
Ion Ratio	100	Lower	Upper
128	35.0	29.7	44.5
54	42.5	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: BG035896.D
 Acq: 26 Jul 2018 6:12

Tgt Ion	164	Resp	101489
Ion Ratio	100	Lower	Upper
162	99.8	78.8	118.2
160	43.6	35.4	53.0

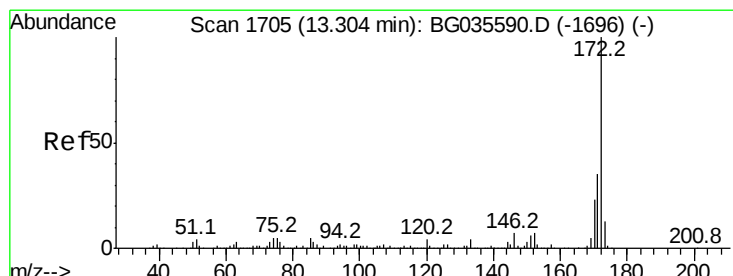
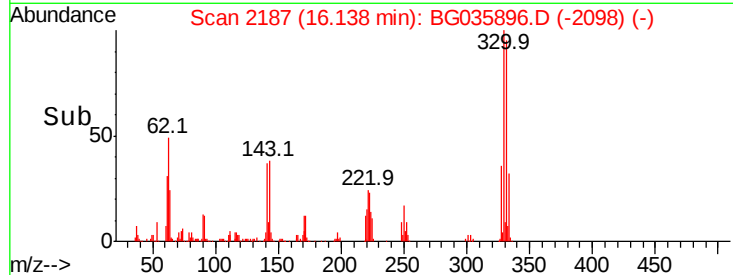
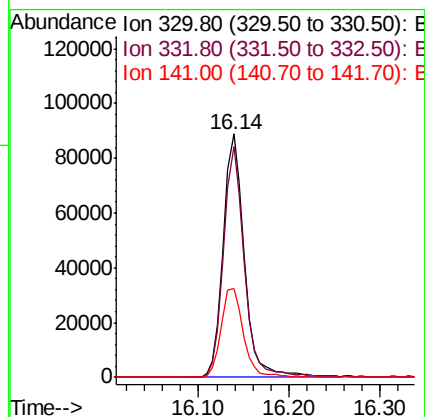
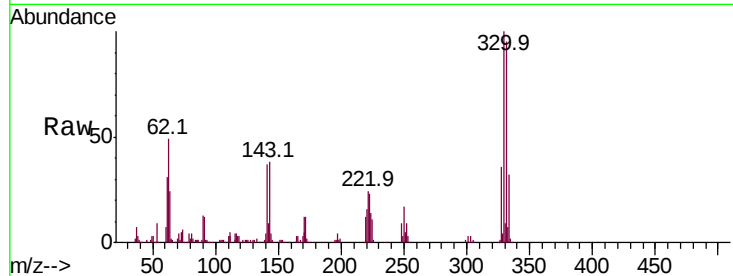




#41
 2,4,6-Tribromophenol
 Concen: 107.288 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035896.D
 Acq: 26 Jul 2018 6:12

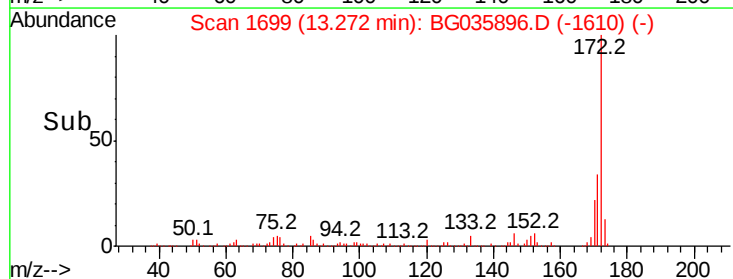
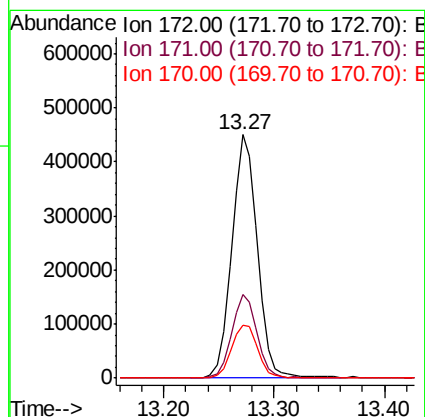
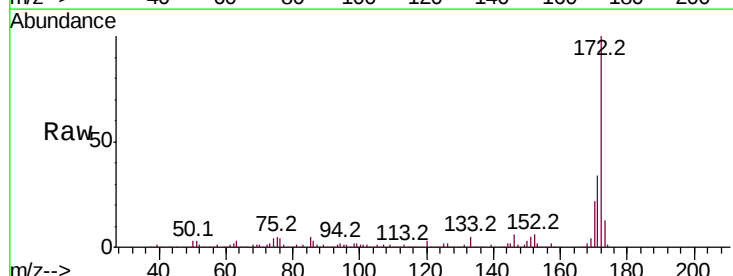
Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-D-M

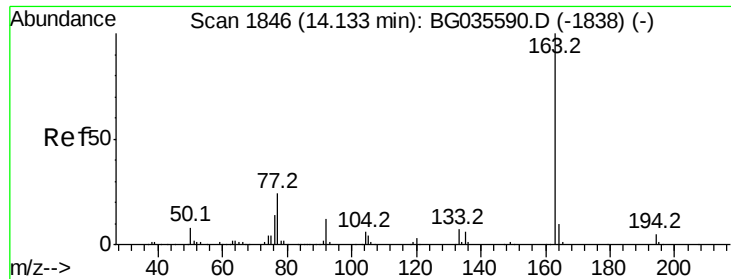
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	38.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.102 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035896.D
 Acq: 26 Jul 2018 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	21.6	19.5	29.3





#49

Dimethylphthalate

Concen: 4.384 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-M

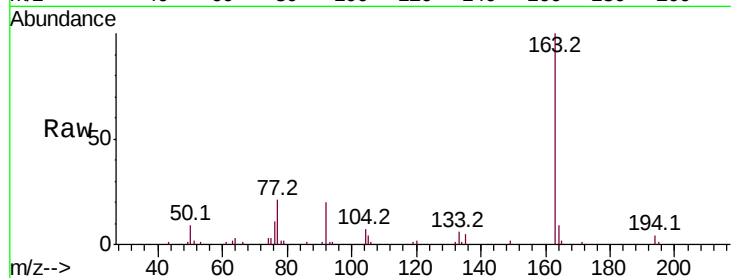
Tot Ion:163 Resp: 38984

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

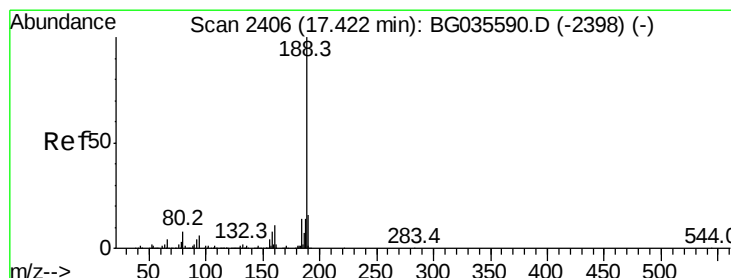
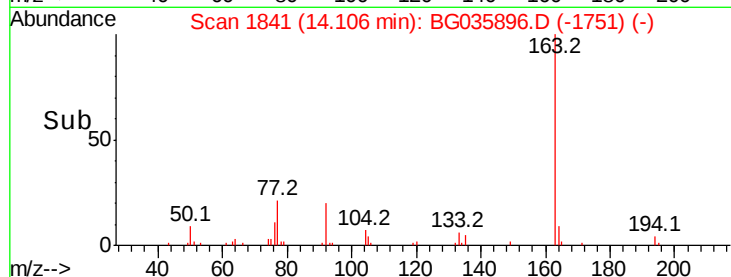
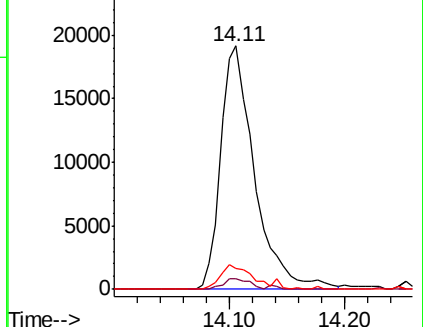
164 8.8 8.2 12.4



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: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

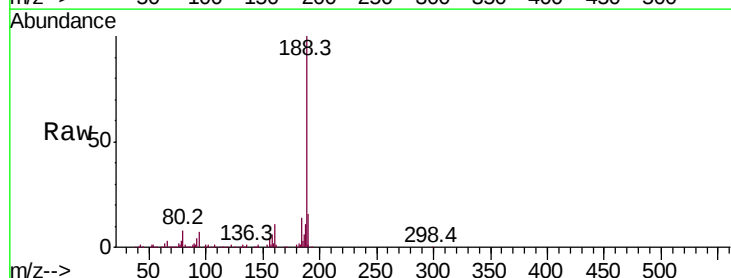
Tgt Ion:188 Resp: 289473

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

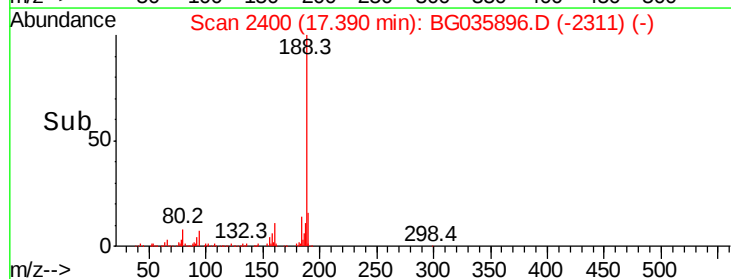
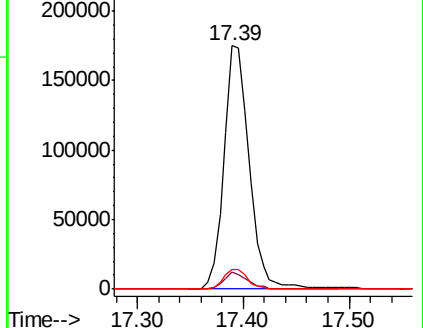
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-M

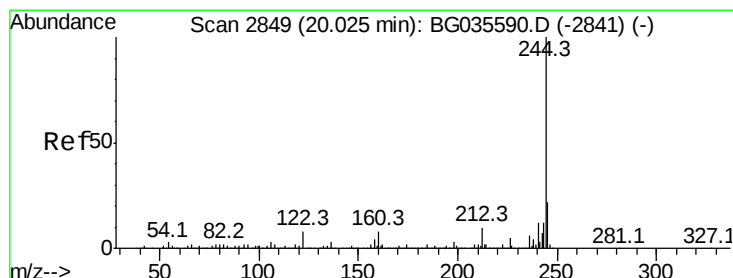
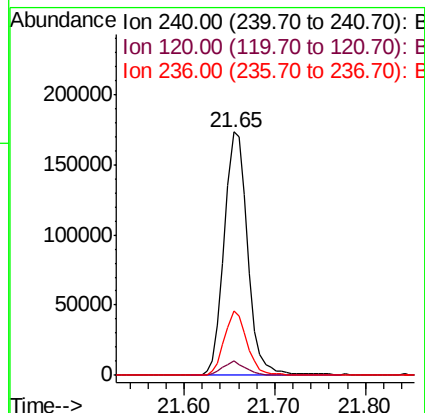
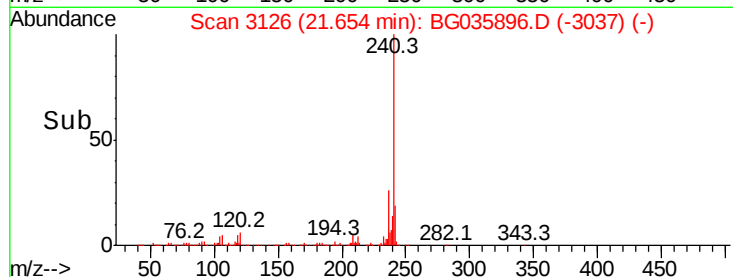
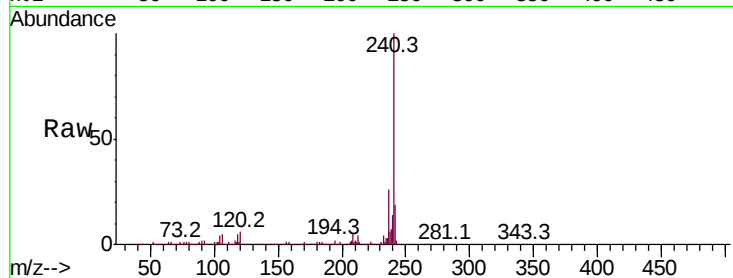
Tot Ion:240 Resp: 312450

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

236 26.3 20.9 31.3



#78

Terphenyl-d14

Concen: 82.960 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035896.D

Acq: 26 Jul 2018 6:12

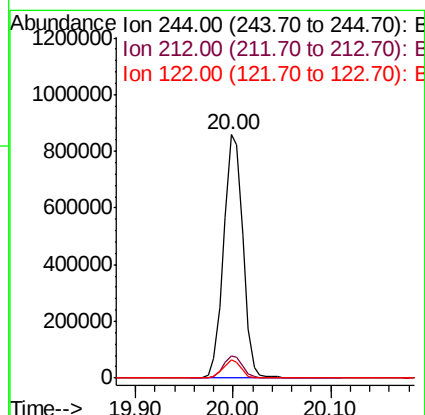
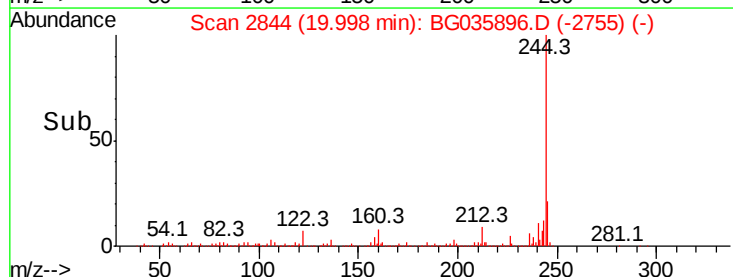
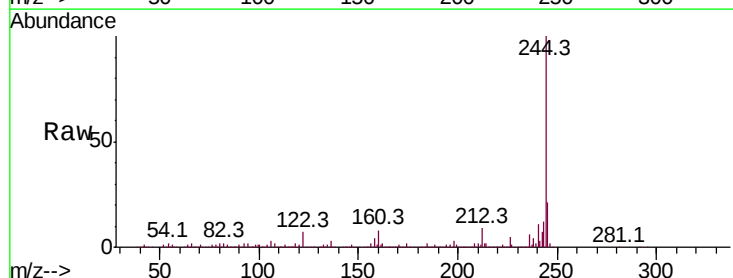
Tgt Ion:244 Resp: 1175920

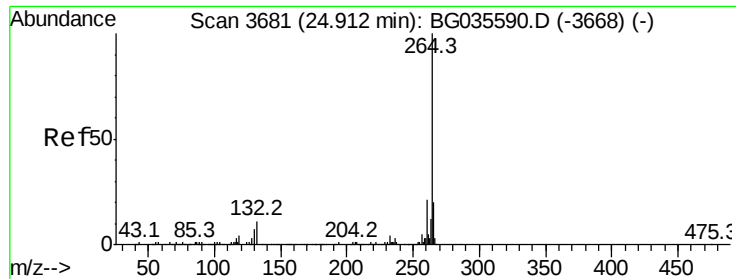
Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 7.3 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035896.D
Acq: 26 Jul 2018 6:12

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	19.8	17.7	26.5

