

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035999.D
 Acq On : 31 Jul 2018 7:15
 Operator : JU/SJ
 Sample : J4219-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jul 31 07:53:14 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

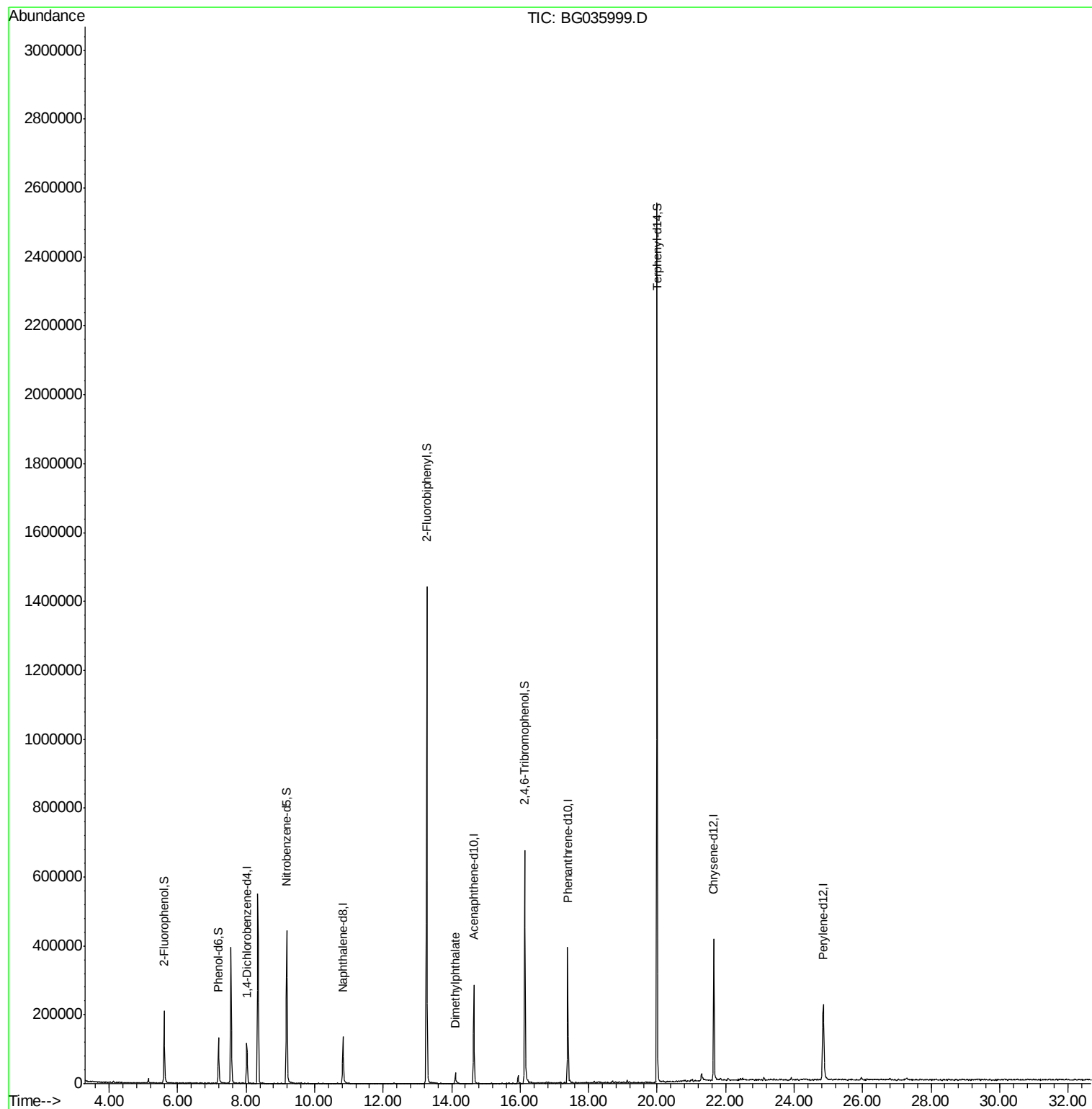
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33682	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130918	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102312	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276234	20.00	ng	0.00
75) Chrysene-d12	21.65	240	287557	20.00	ng	0.00
86) Perylene-d12	24.85	264	269073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98454	48.53	ng	0.00
7) Phenol-d6	7.19	99	89524	29.58	ng	0.00
23) Nitrobenzene-d5	9.18	82	313651	100.08	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	136080	100.91	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	801814	104.99	ng	0.00
78) Terphenyl-d14	20.00	244	1213241	93.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	28228	3.149	ng	Qvalue # 94

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

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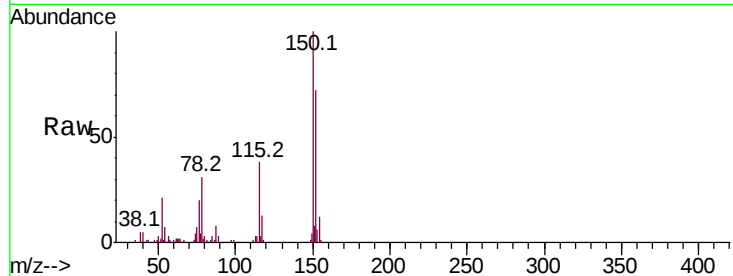


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	52.7	53.0	79.4#

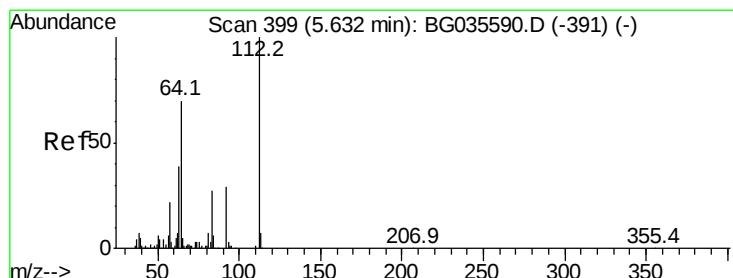
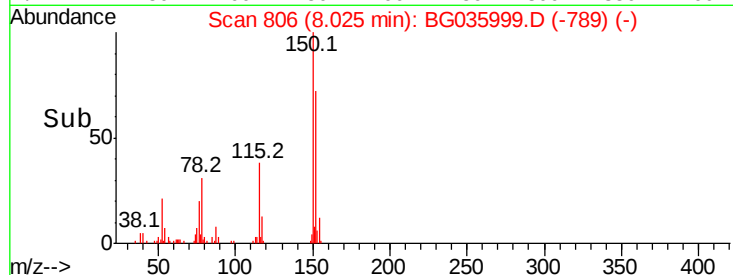
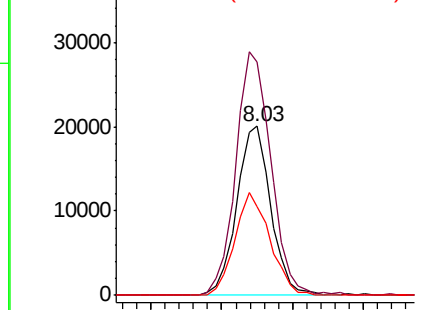


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

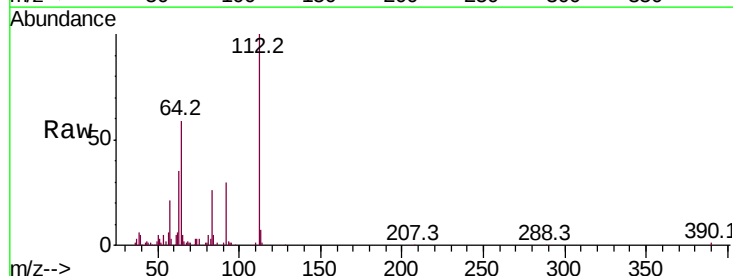
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 48.529 ng
 RT: 5.60 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	56.3	84.5
63	35.2	30.1	45.1

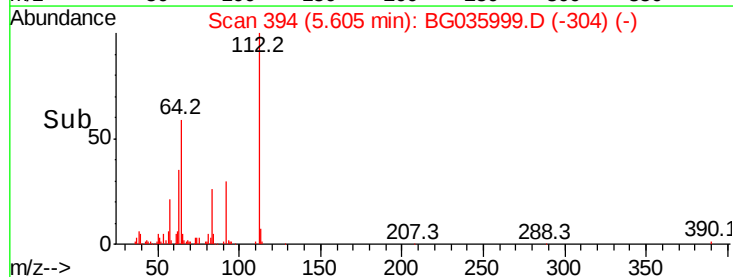
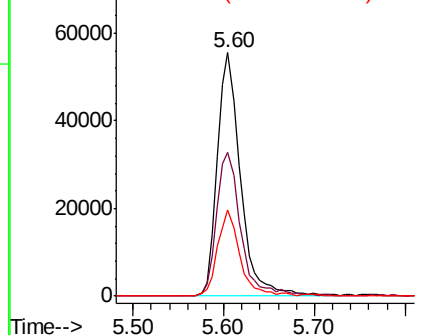


Abundance

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: 29.576 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-S

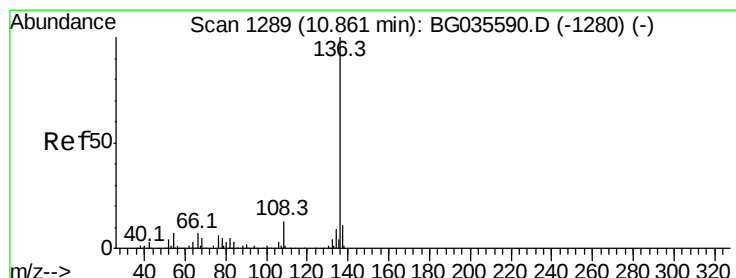
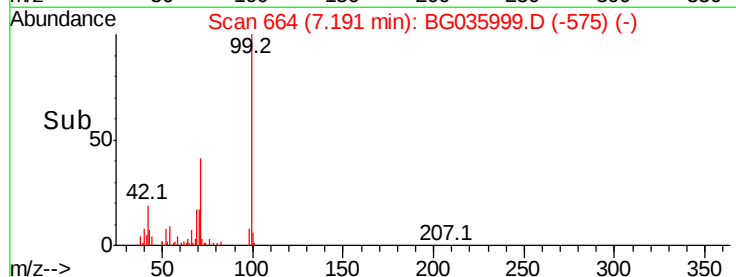
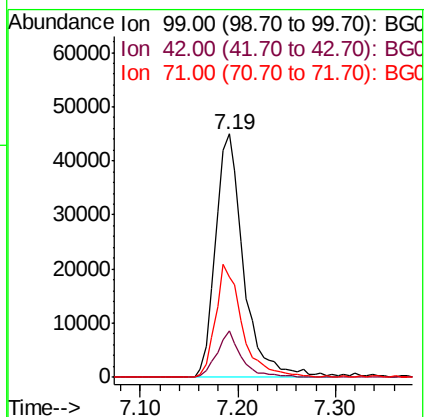
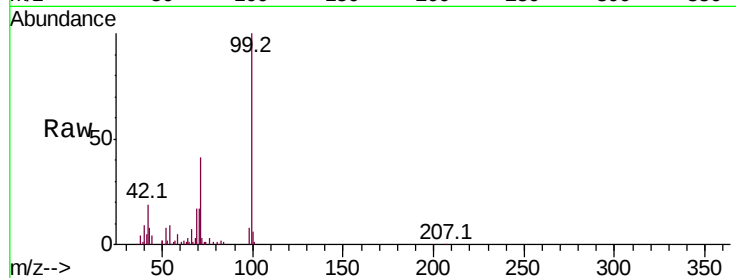
Tot Ion: 99 Resp: 89524

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 41.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

Tgt Ion: 136 Resp: 130918

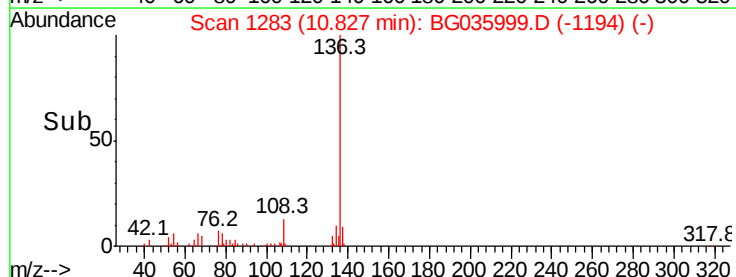
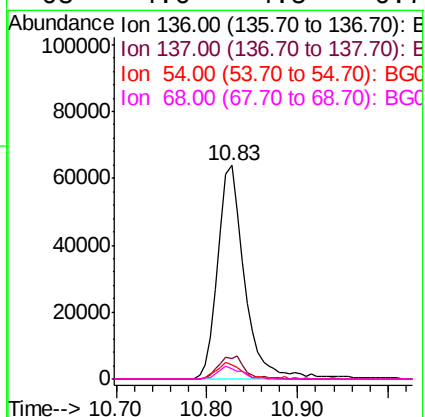
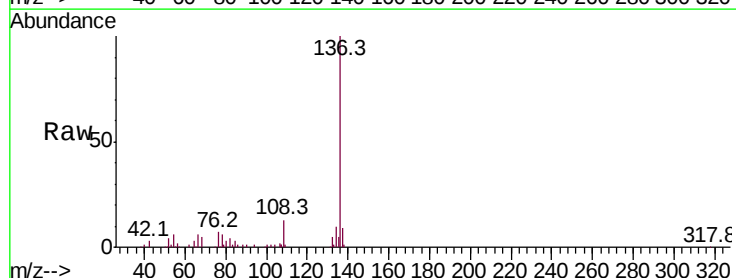
Ion Ratio Lower Upper

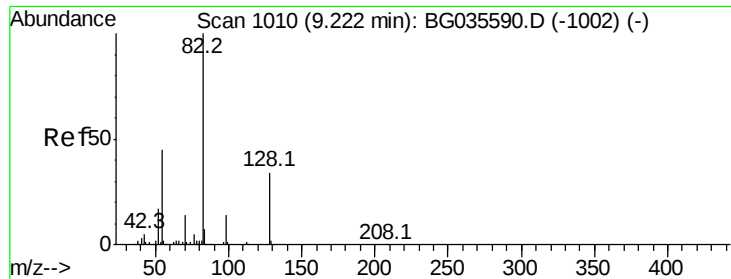
136 100

137 9.4 9.2 13.8

54 6.3 10.3 15.5#

68 4.6 4.5 6.7

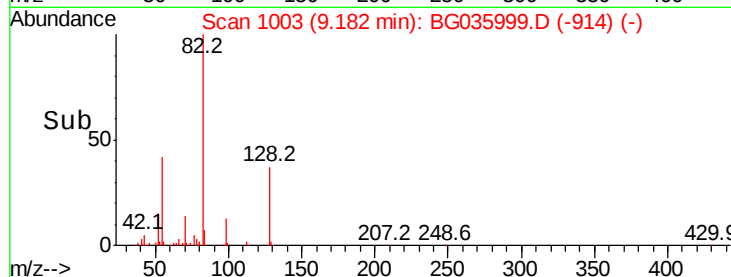
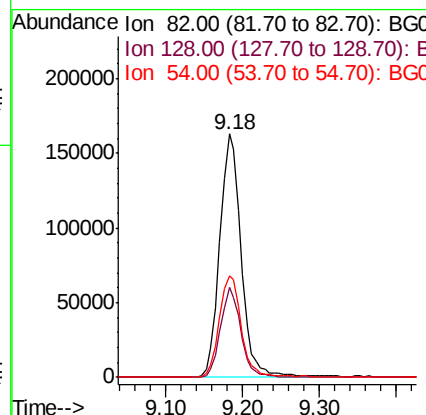
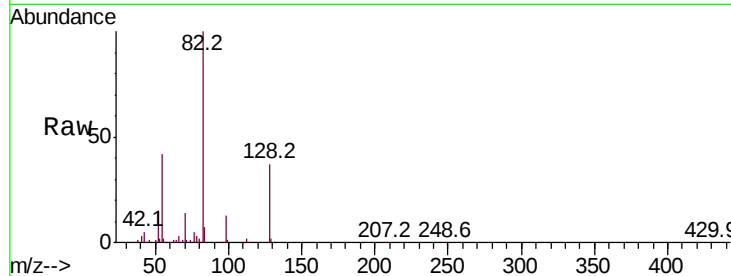




#23
 Nitrobenzene-d5
 Concen: 100.083 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

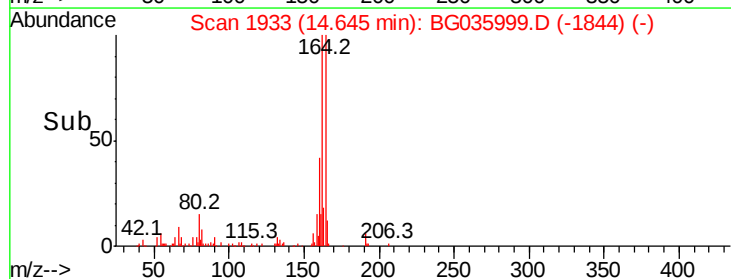
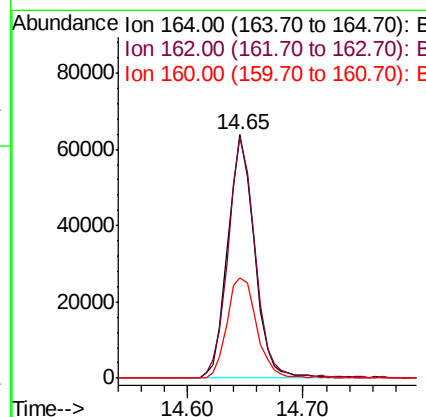
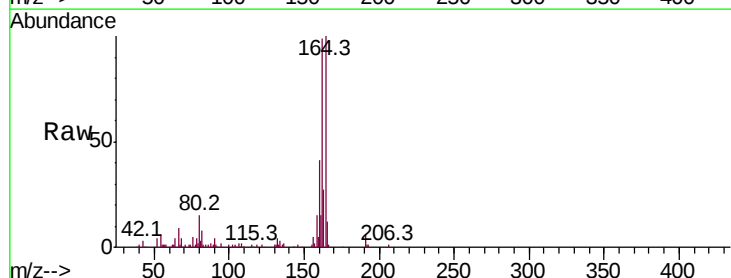
Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	42.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	41.3	35.4	53.0

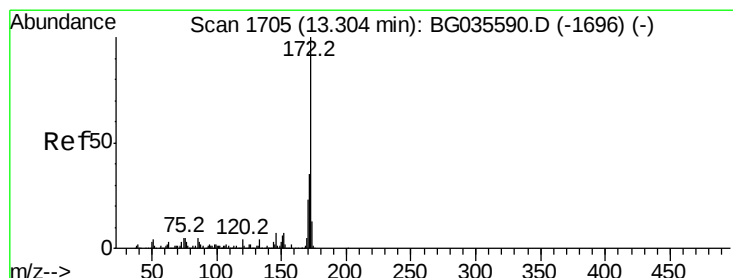
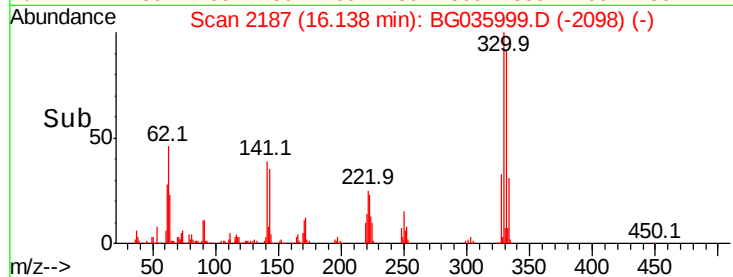
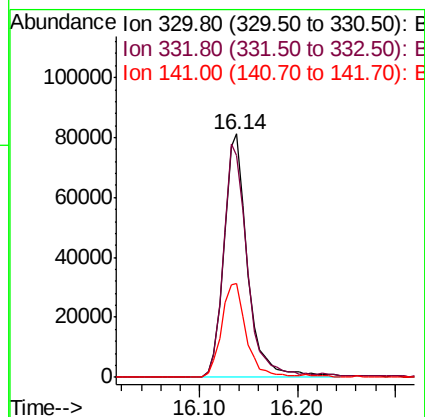
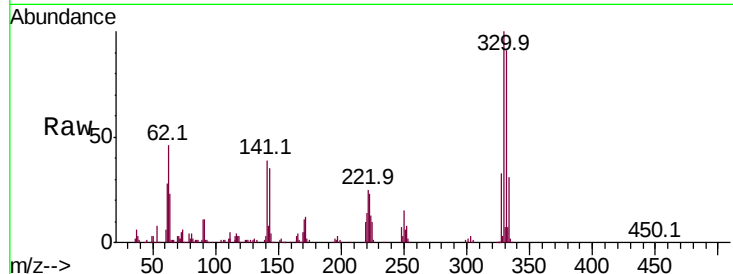




#41
 2,4,6-Tribromophenol
 Concen: 100.909 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

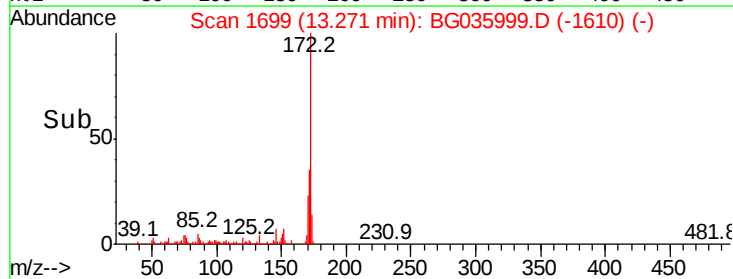
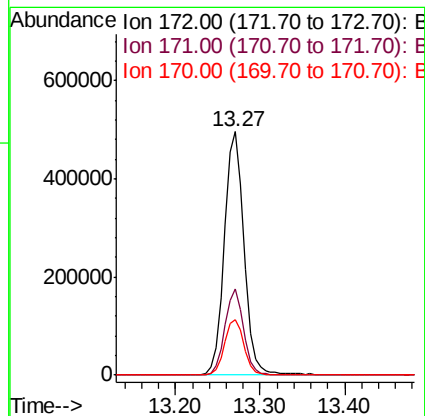
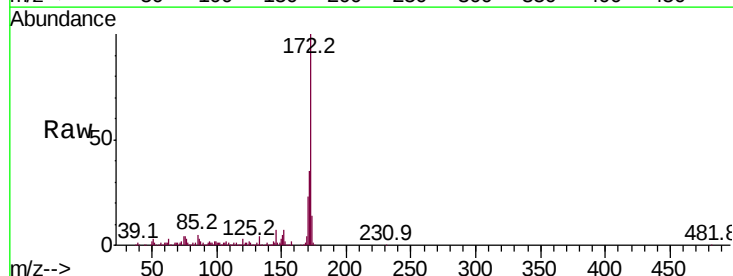
Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-U-S

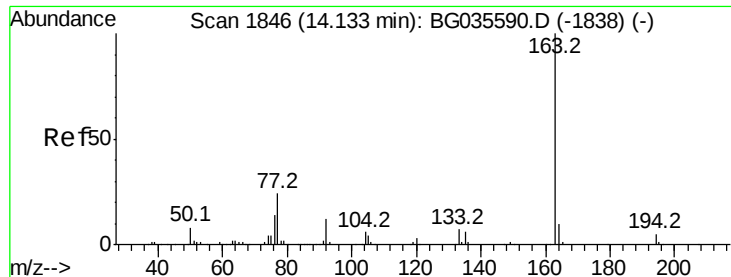
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.1	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 104.995 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035999.D
 Acq: 31 Jul 2018 7:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.9	19.5	29.3





#49

Dimethylphthalate

Concen: 3.149 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-S

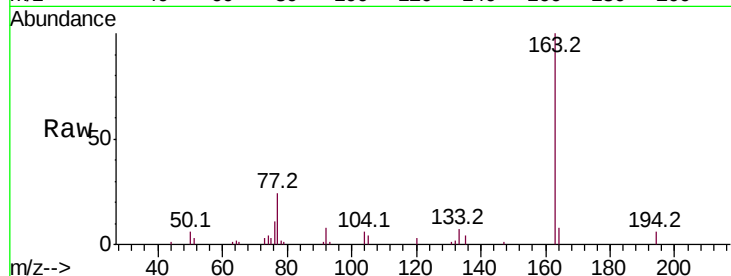
Tot Ion:163 Resp: 28228

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

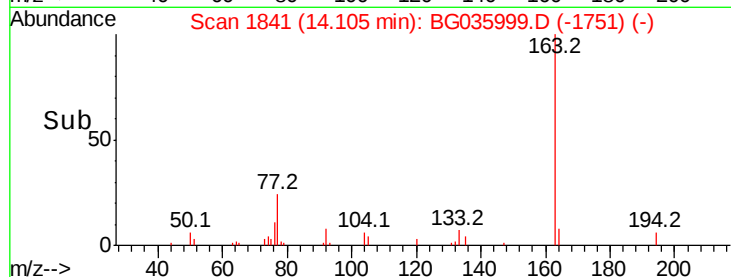
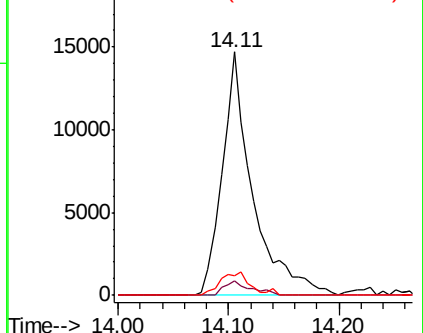
164 8.0 8.2 12.4#



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. -0.01 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

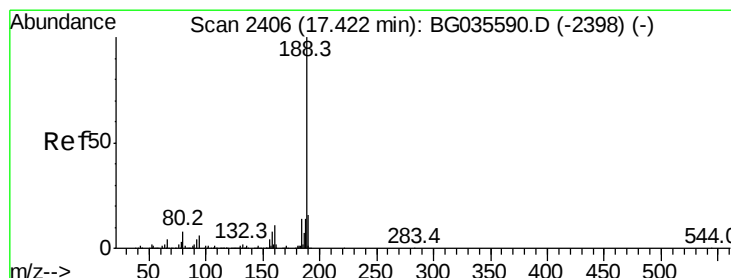
Tgt Ion:188 Resp: 276234

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

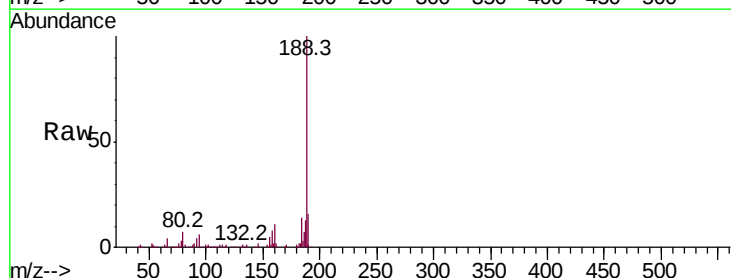
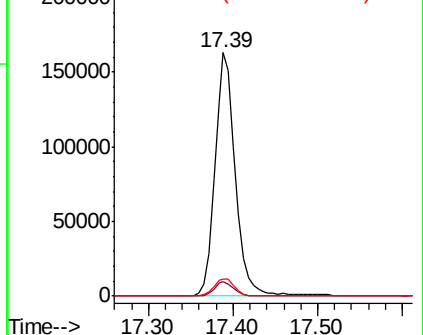
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-S

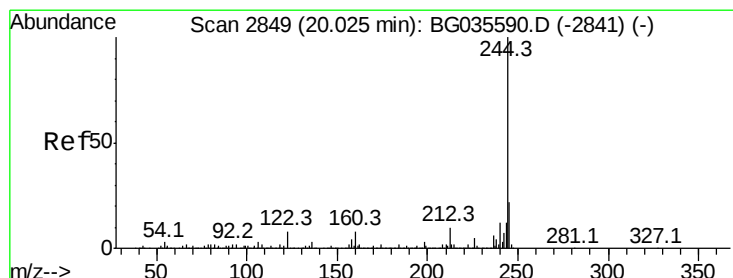
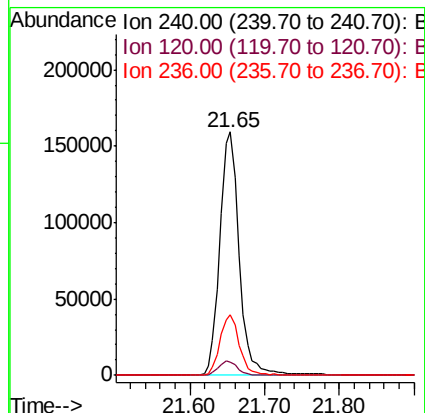
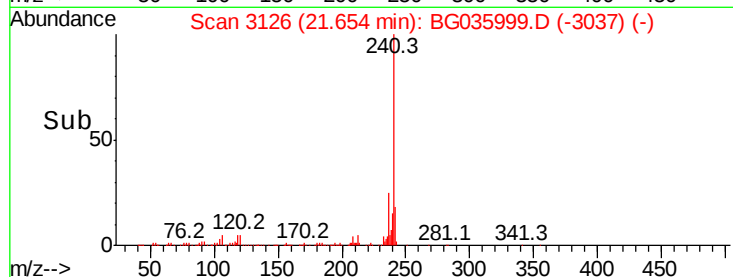
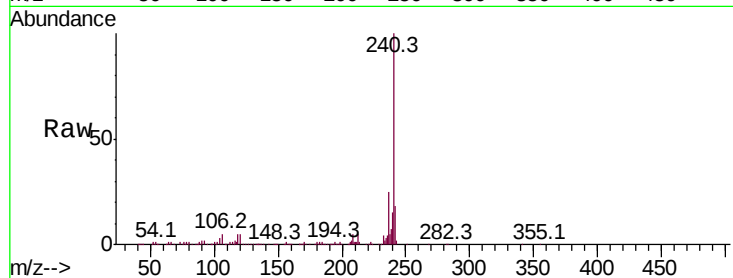
Tot Ion:240 Resp: 287557

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

236 25.1 20.9 31.3



#78

Terphenyl-d14

Concen: 93.002 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035999.D

Acq: 31 Jul 2018 7:15

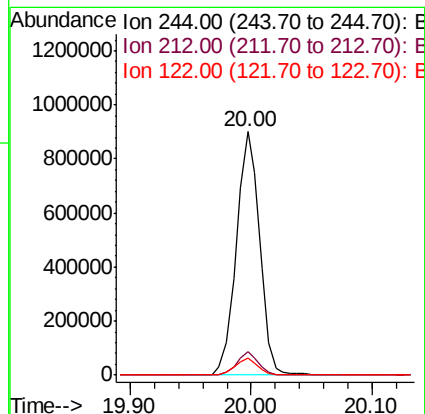
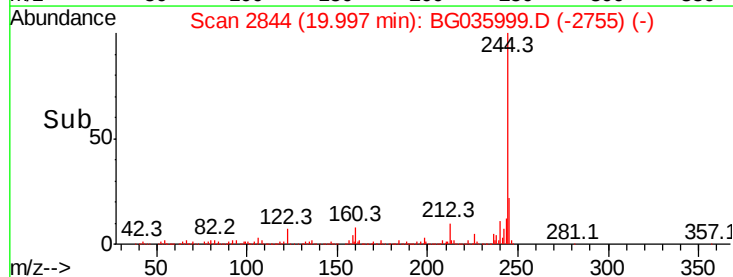
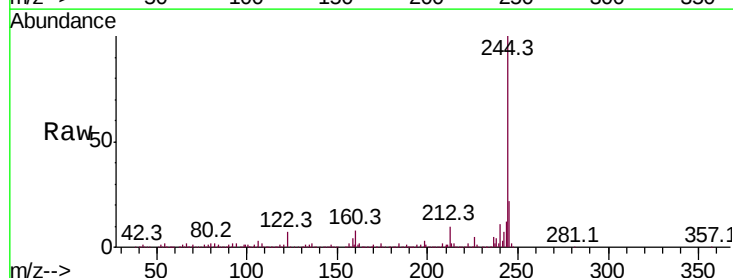
Tgt Ion:244 Resp: 1213241

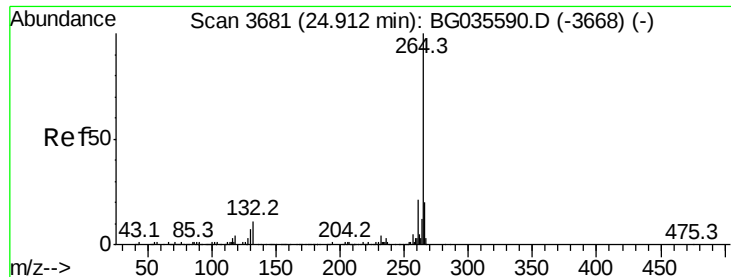
Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

122 6.9 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: BG035999.D
Acq: 31 Jul 2018 7:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	19.7	17.7	26.5

