

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035803.D
 Acq On : 21 Jul 2018 3:54
 Operator : JU/SJ
 Sample : J3820-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918

Quant Time: Jul 23 01:13:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46500	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	163282	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110324	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	303251	20.00	ng	0.00
75) Chrysene-d12	21.66	240	368301	20.00	ng	0.00
86) Perylene-d12	24.85	264	346733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	294670	105.21	ng	0.00
7) Phenol-d6	7.20	99	381341	91.26	ng	0.00
23) Nitrobenzene-d5	9.19	82	301117	77.04	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	186074	127.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	685580	83.25	ng	0.00
78) Terphenyl-d14	20.00	244	1362688	81.56	ng	0.00

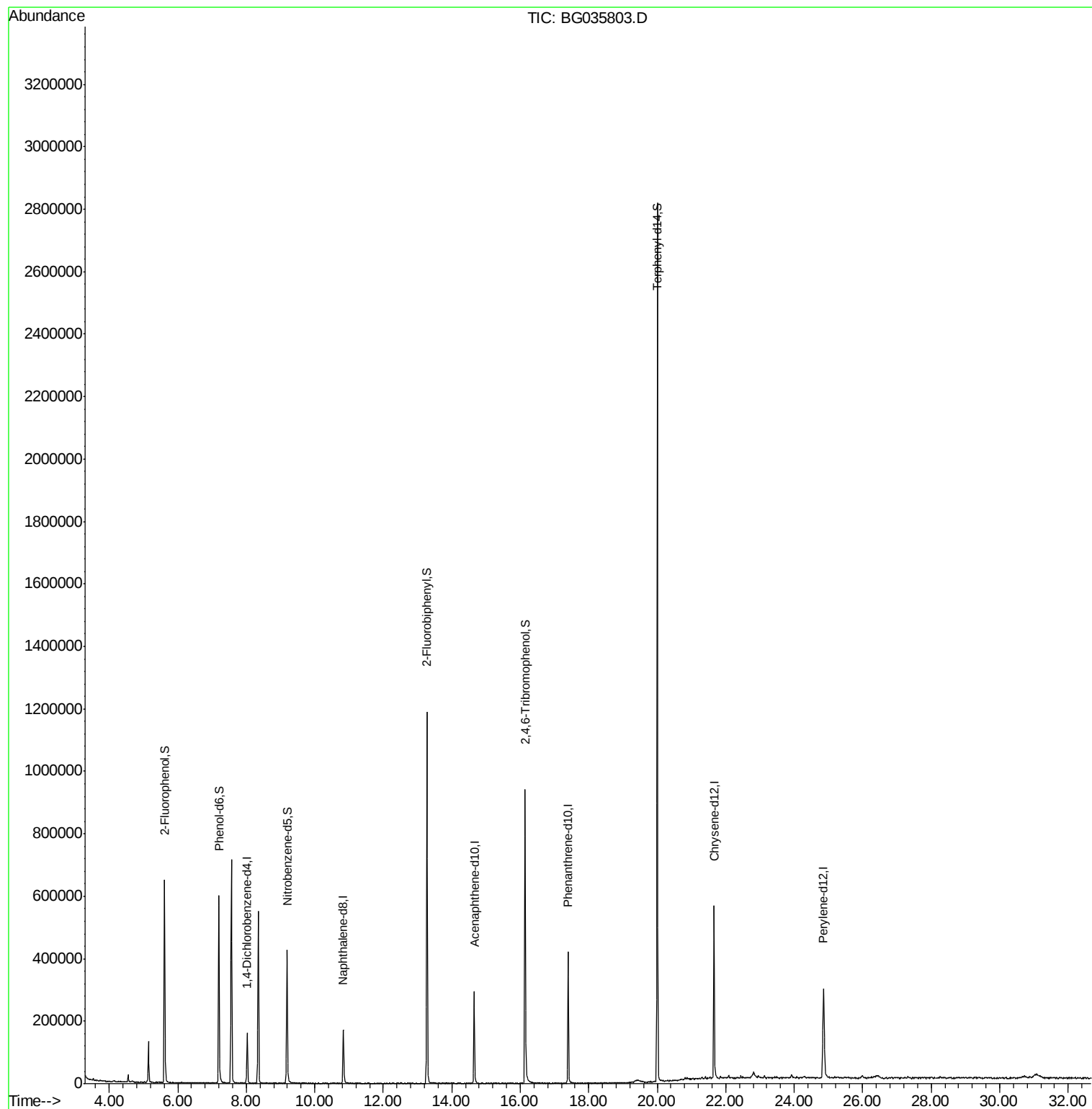
Target Compounds Qvalue

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

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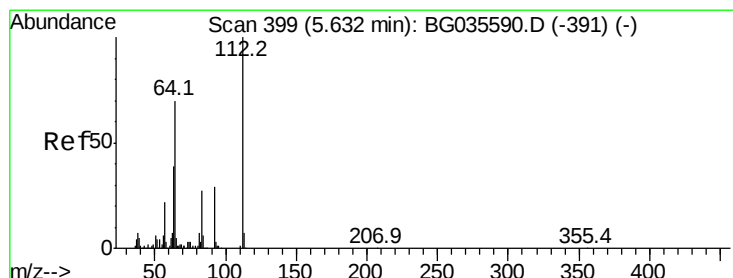
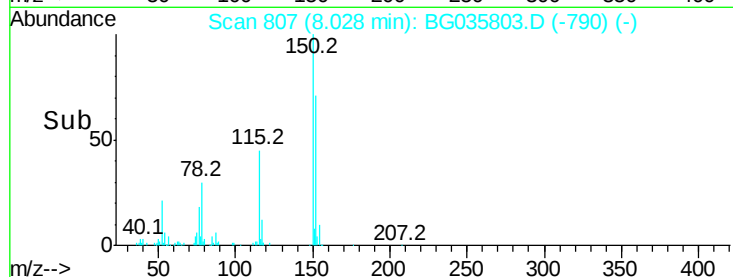
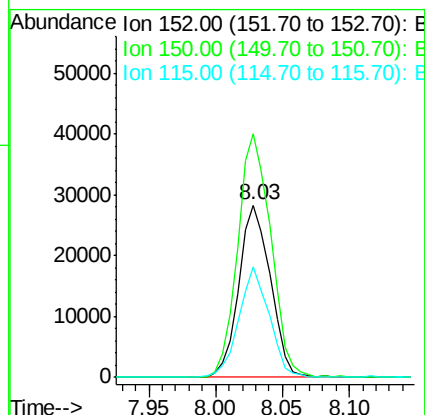
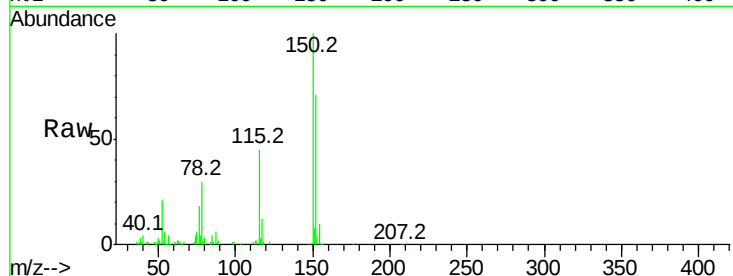


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918

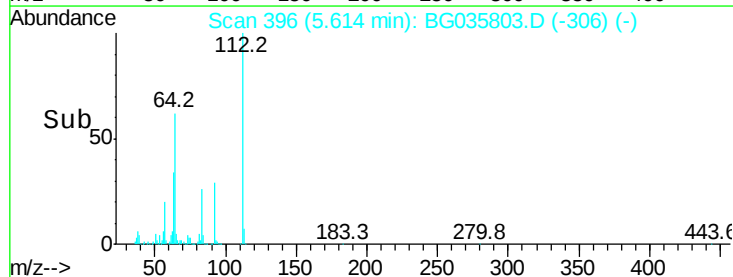
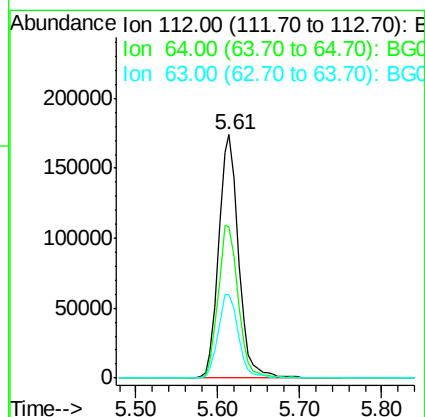
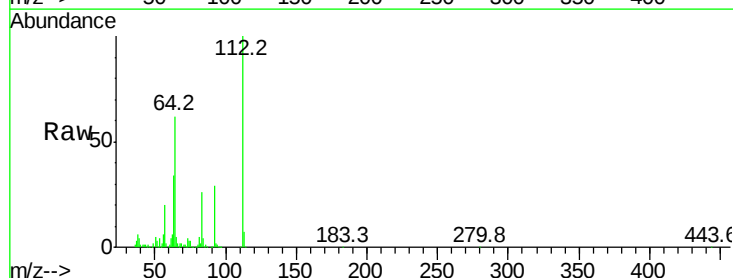
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	126.6	189.8
115	64.0	53.0	79.4



#5

2-Fluorophenol
 Concen: 105.209 ng
 RT: 5.61 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	34.5	30.1	45.1





#7

Phenol-d6

Concen: 91.257 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035803.D

Acq: 21 Jul 2018 3:54

Instrument :

BNA_G

ClientSampleId :

BU-01-071918

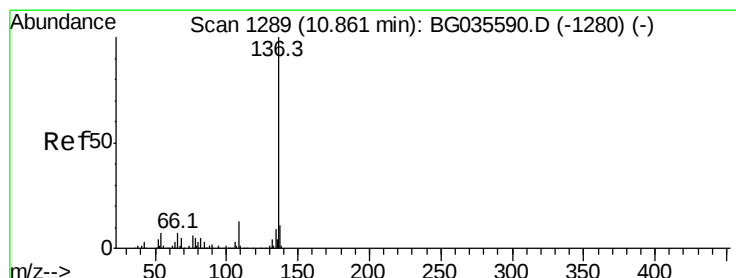
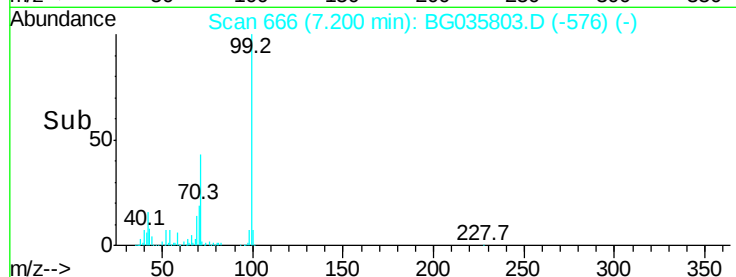
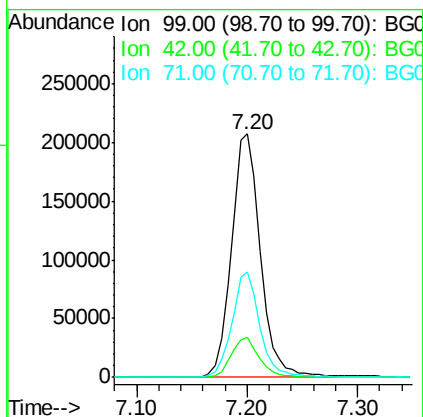
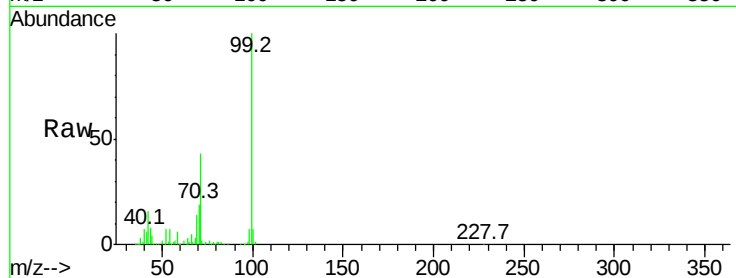
Tot Ion: 99 Resp: 381341

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 43.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035803.D

Acq: 21 Jul 2018 3:54

Tgt Ion: 136 Resp: 163282

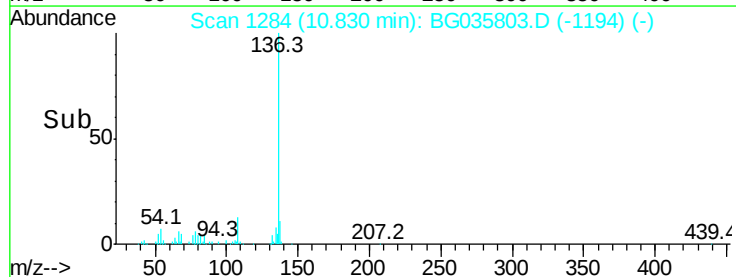
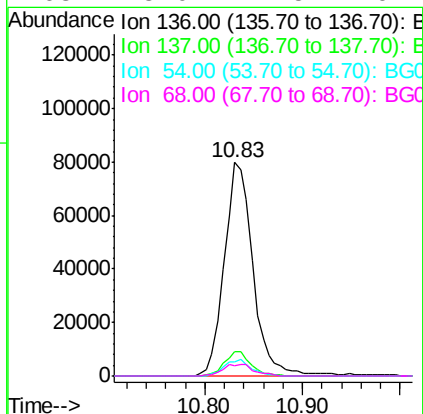
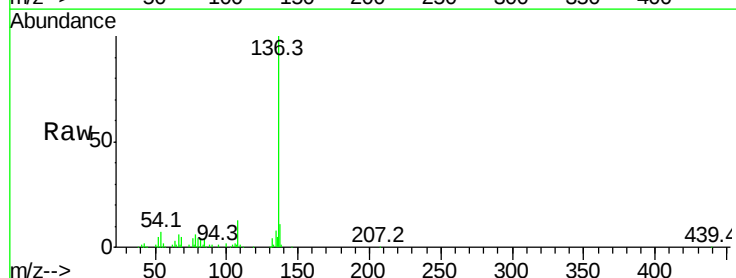
Ion Ratio Lower Upper

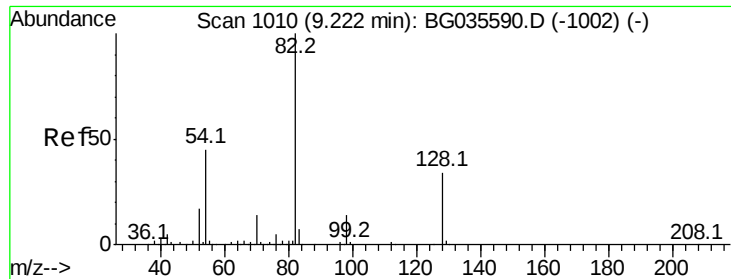
136 100

137 11.5 9.2 13.8

54 6.9 10.3 15.5#

68 5.0 4.5 6.7

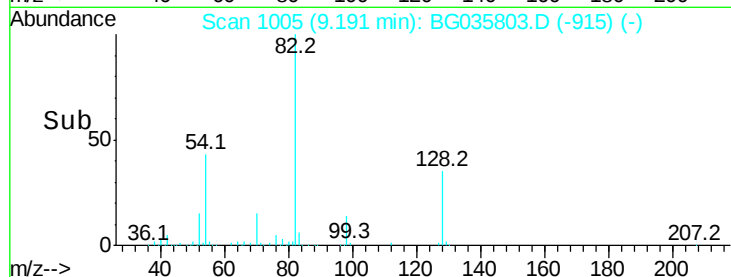
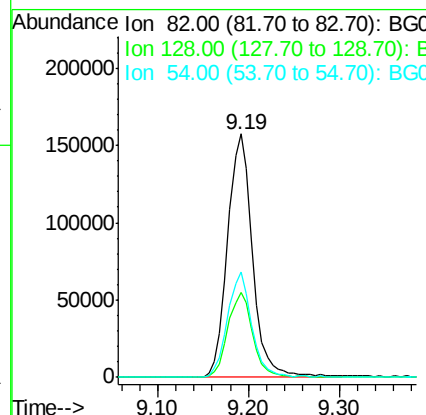
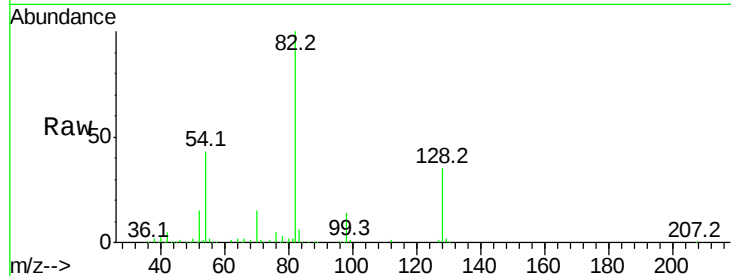




#23
 Nitrobenzene-d5
 Concen: 77.039 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

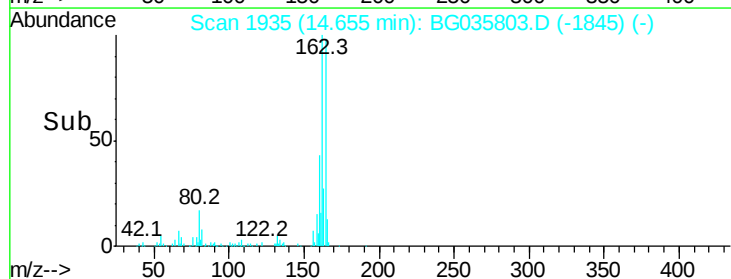
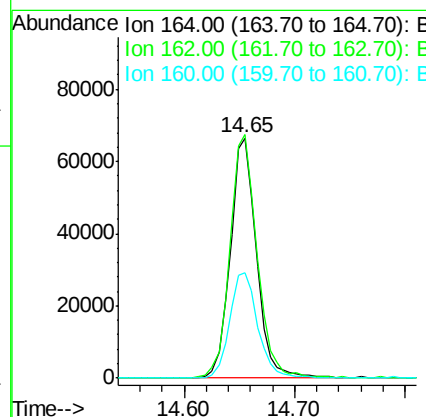
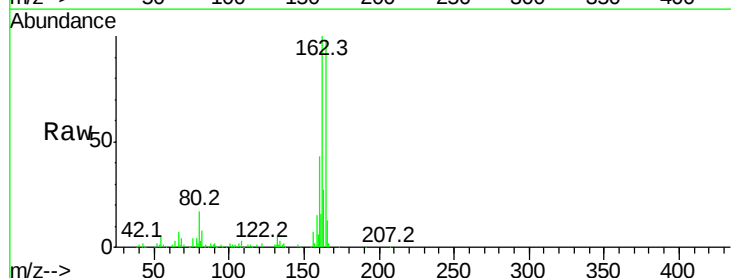
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918

Tot Ion	82	Resp	301117
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Tgt Ion	164	Resp	110324
Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	44.1	35.4	53.0

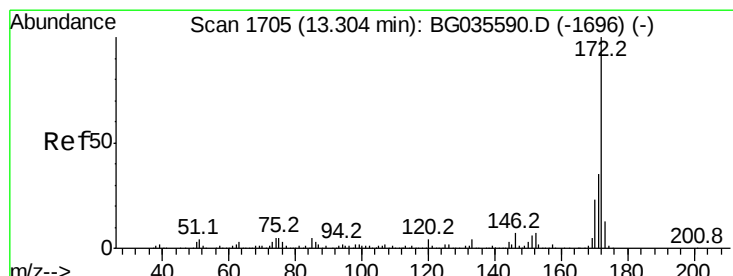
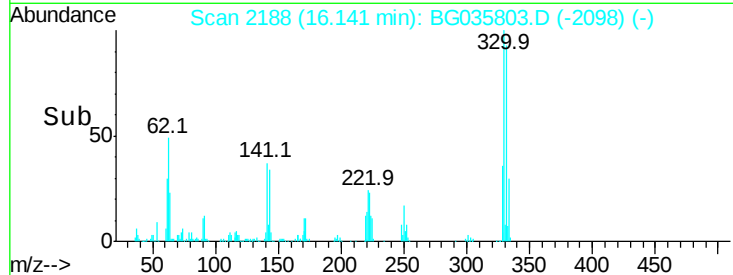
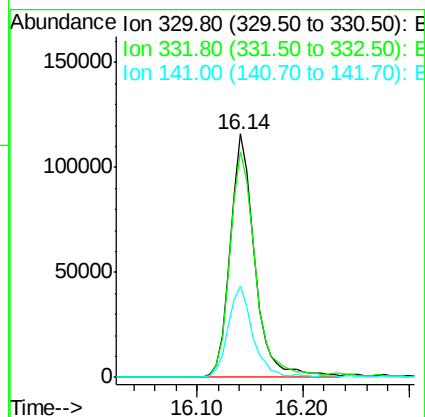
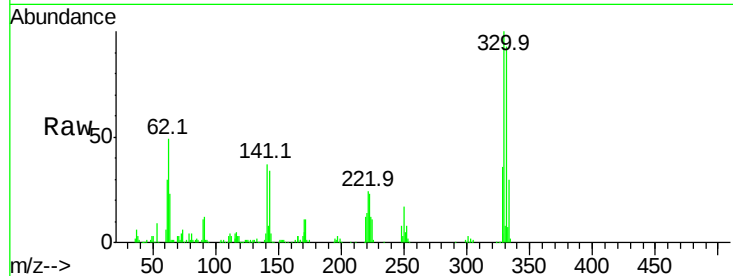




#41
 2,4,6-Tribromophenol
 Concen: 127.961 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

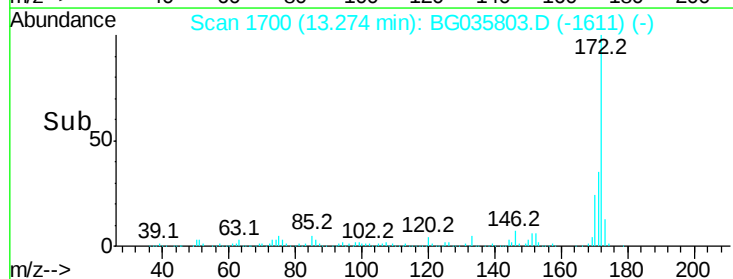
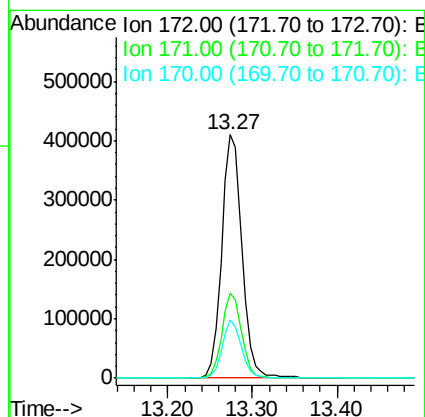
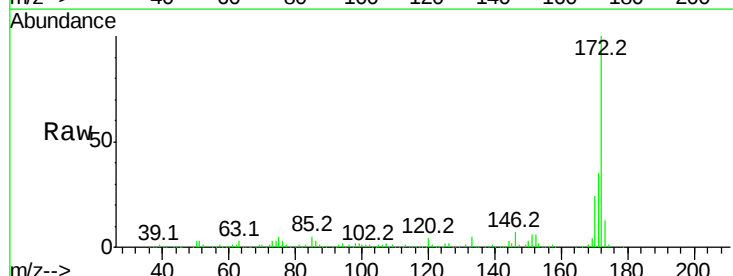
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 83.255 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG035803.D

Acq: 21 Jul 2018 3:54

Instrument :

BNA_G

ClientSampleId :

BU-01-071918

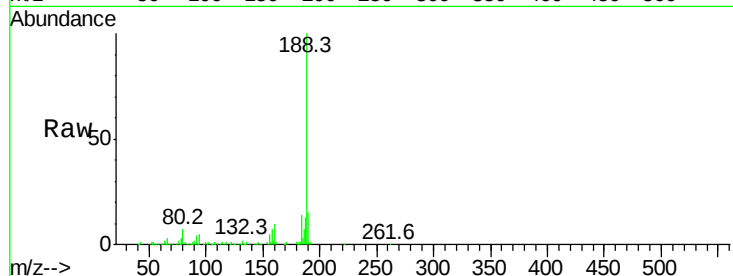
Tot Ion:188 Resp: 303251

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

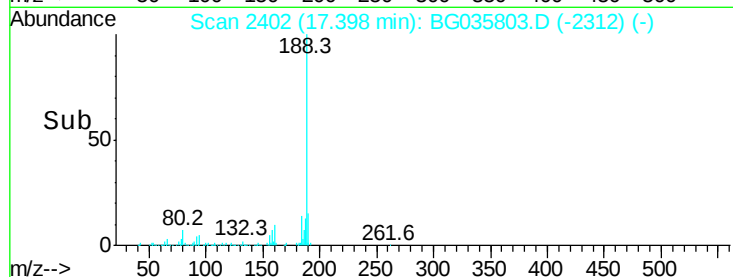
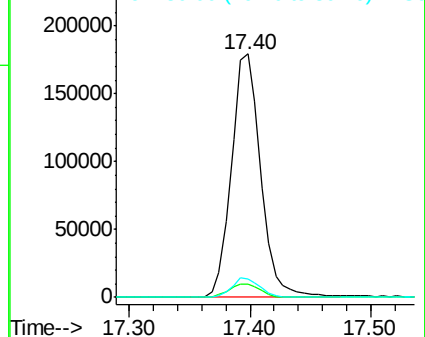
80 7.4 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG035803.D

Acq: 21 Jul 2018 3:54

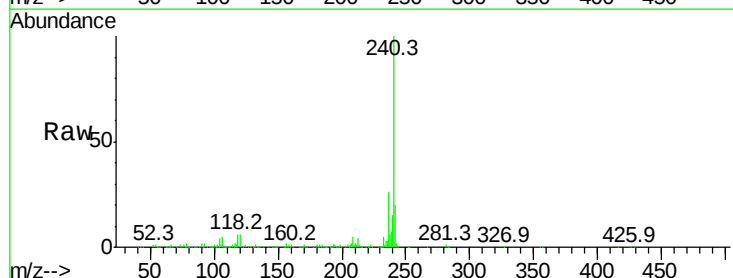
Tgt Ion:240 Resp: 368301

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

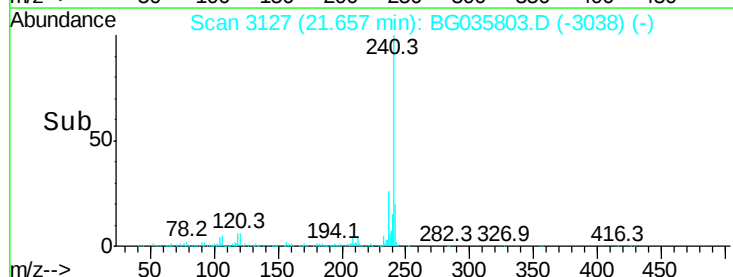
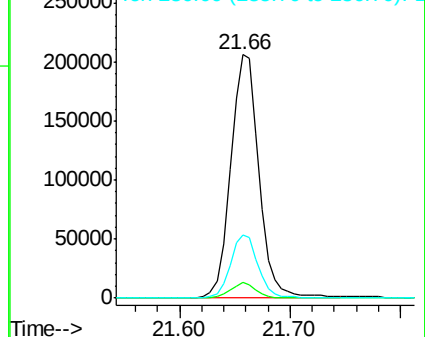
236 26.1 20.9 31.3

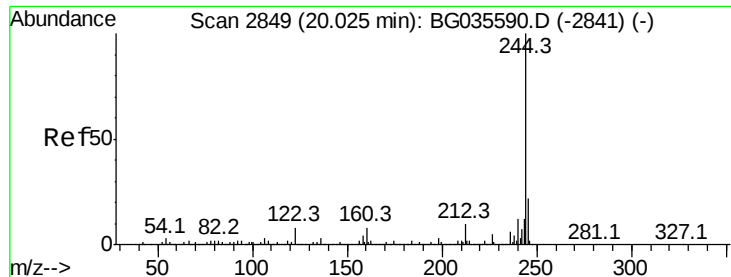


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



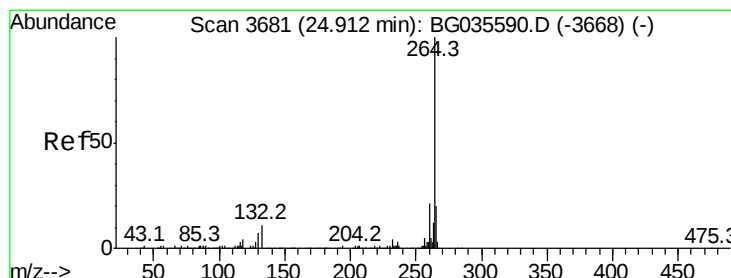
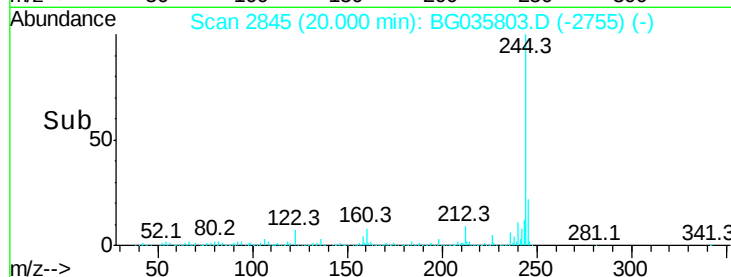
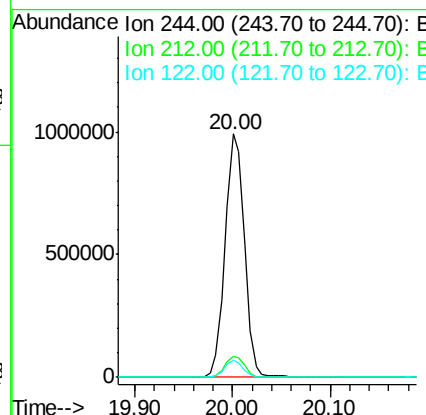
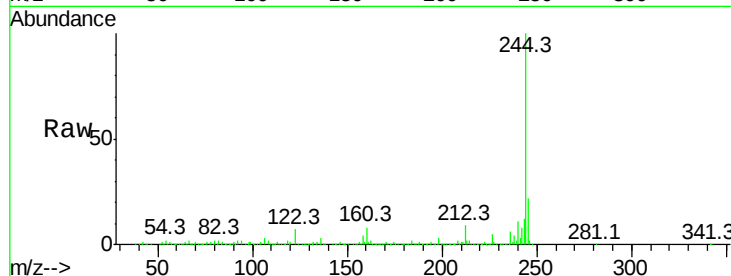


#78
 Terphenyl-d14
 Concen: 81.558 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918

Tot Ion:244 Resp: 1362688

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035803.D
 Acq: 21 Jul 2018 3:54

Tgt Ion:264 Resp: 346733

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.9	17.7	26.5

