

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035910.D
 Acq On : 26 Jul 2018 15:18
 Operator : JU/SJ
 Sample : J4124-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Quant Time: Jul 26 16:15:09 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	8.02	152	36284	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135160	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	96541	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	304490	20.00	ng	0.00
75) Chrysene-d12	21.65	240	329031	20.00	ng	0.00
86) Perylene-d12	24.85	264	161626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	285788	130.77	ng	0.00
7) Phenol-d6	7.20	99	370581	113.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	297591	91.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	225087	176.89	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	711220	98.70	ng	0.00
78) Terphenyl-d14	20.00	244	1469027	98.42	ng	0.00

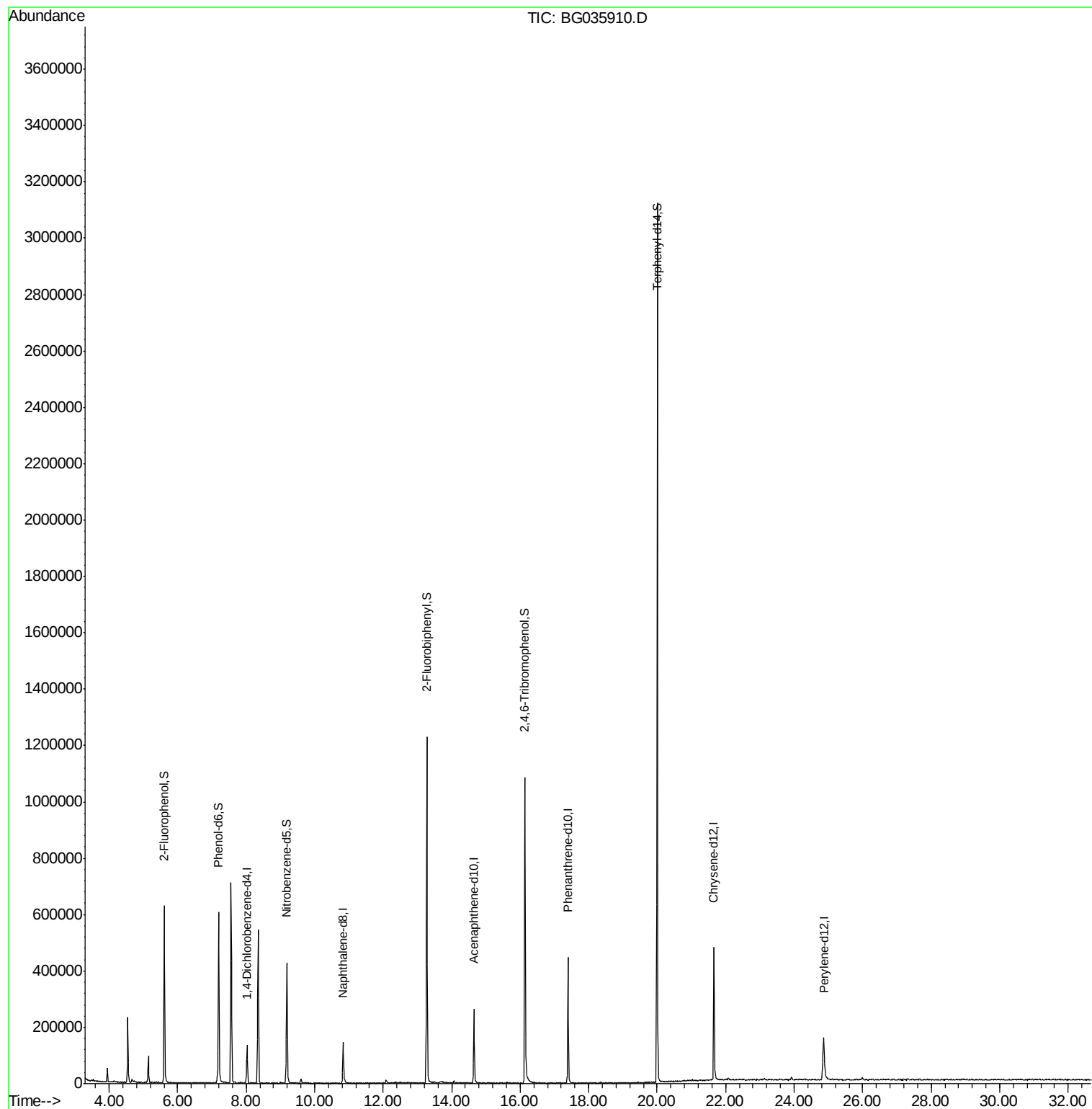
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG035910.D

Acq: 26 Jul 2018 15:18

Instrument :

BNA_G

ClientSampleId :

TP-11-D

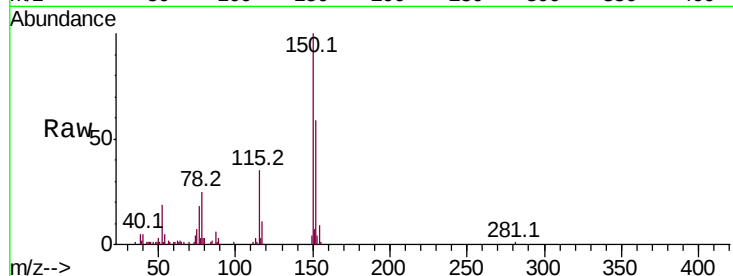
Tot Ion:152 Resp: 36284

Ion Ratio Lower Upper

152 100

150 169.6 126.6 189.8

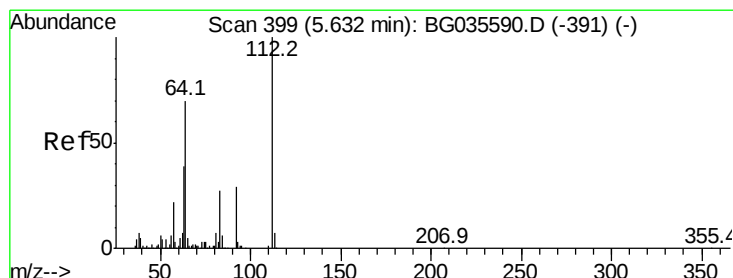
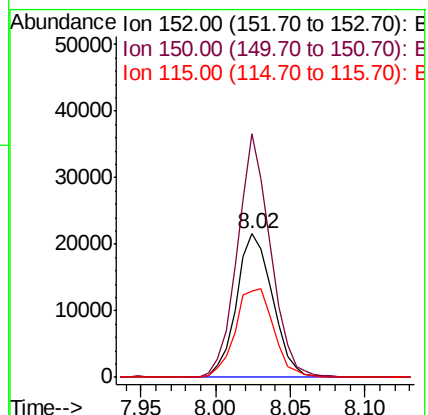
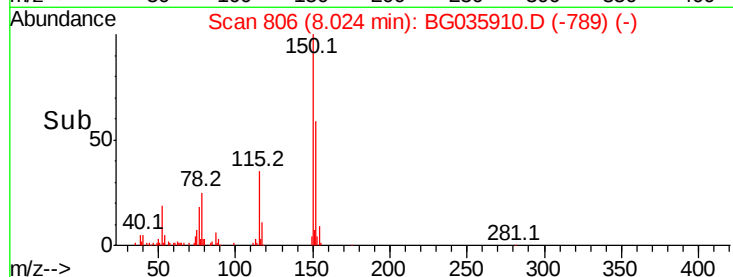
115 60.2 53.0 79.4



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: 130.767 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035910.D

Acq: 26 Jul 2018 15:18

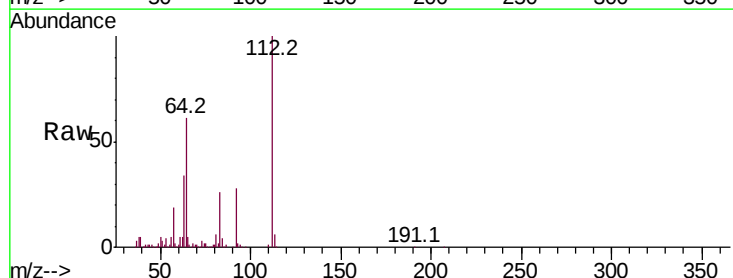
Tgt Ion:112 Resp: 285788

Ion Ratio Lower Upper

112 100

64 60.8 56.3 84.5

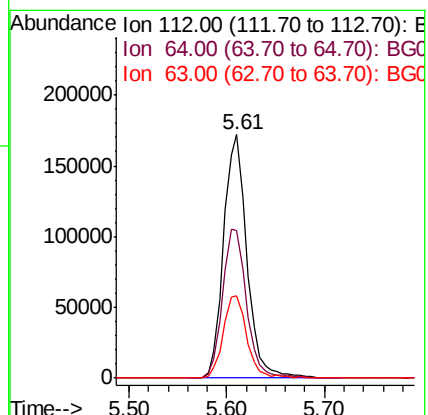
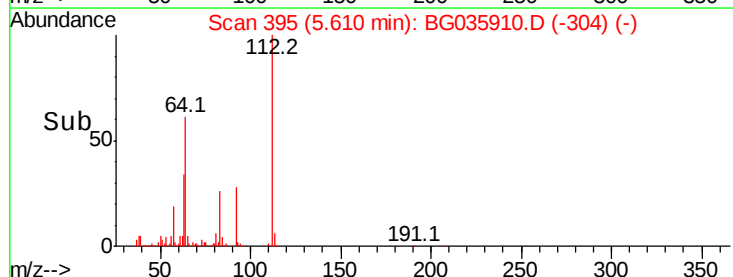
63 33.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.651 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035910.D

Acq: 26 Jul 2018 15:18

Instrument :

BNA_G

ClientSampled :

TP-11-D

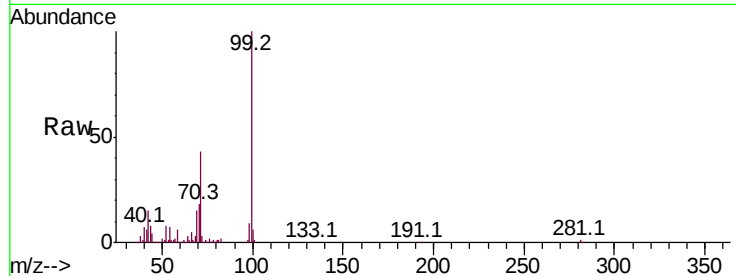
Tot Ion: 99 Resp: 370581

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

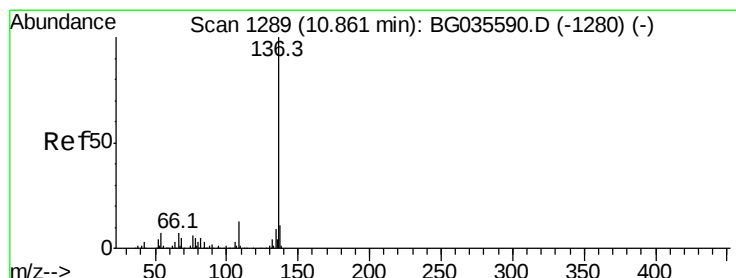
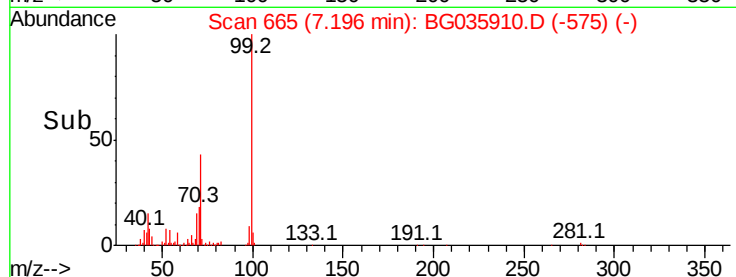
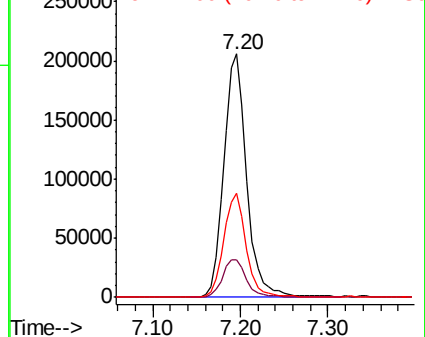
71 43.0 26.1 39.1#



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. -0.01 min

Lab File: BG035910.D

Acq: 26 Jul 2018 15:18

Tgt Ion: 136 Resp: 135160

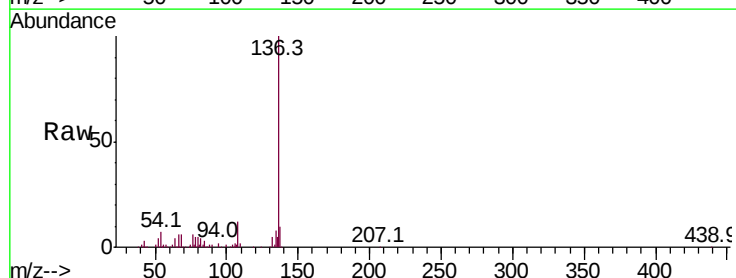
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.1 10.3 15.5#

68 5.9 4.5 6.7

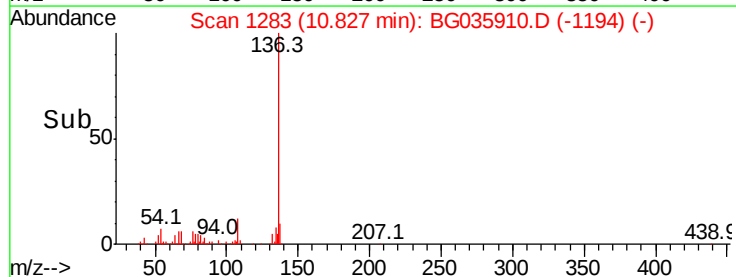
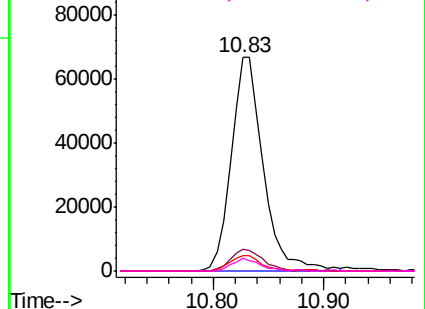


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

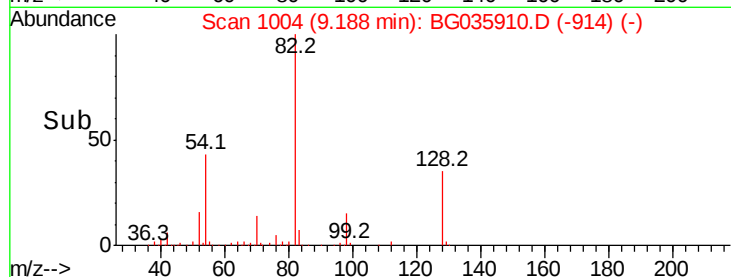
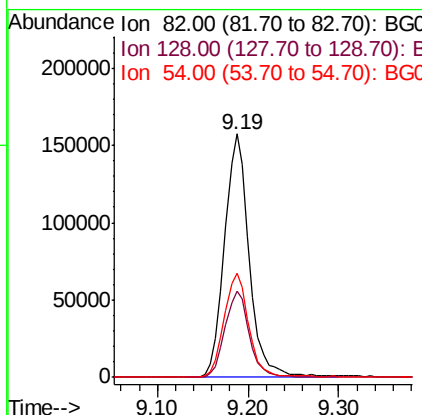
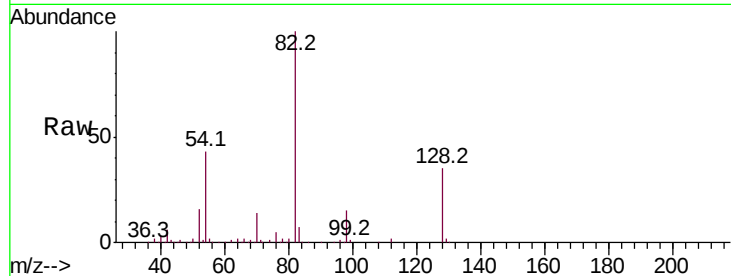




#23
 Nitrobenzene-d5
 Concen: 91.978 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035910.D
 Acq: 26 Jul 2018 15:18

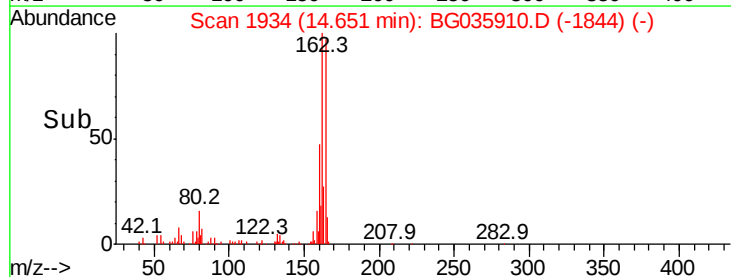
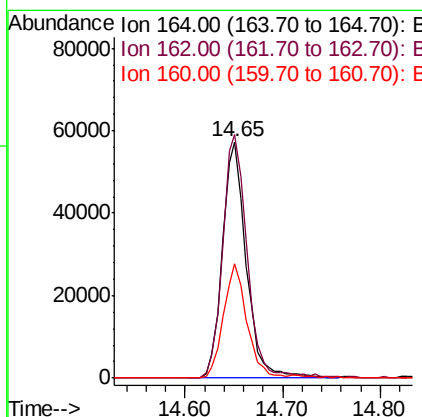
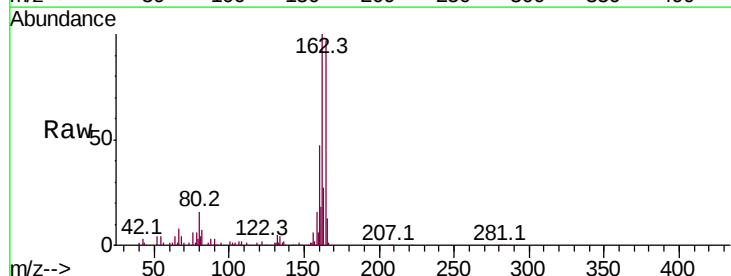
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035910.D
 Acq: 26 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	48.3	35.4	53.0

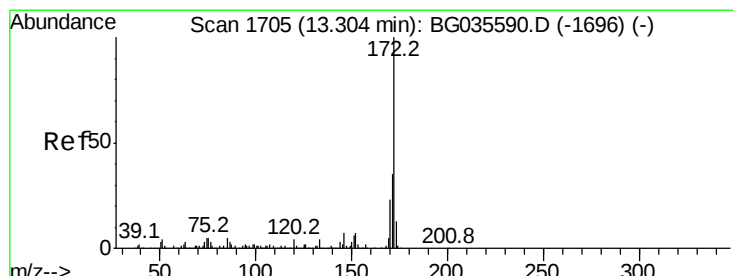
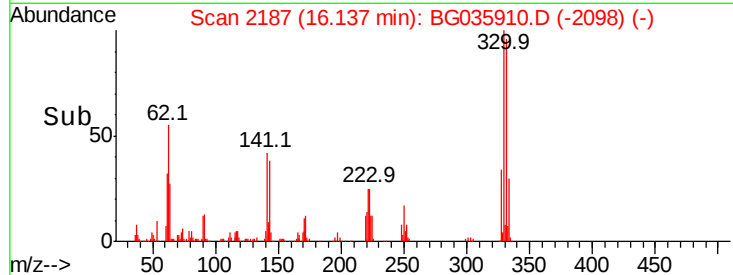
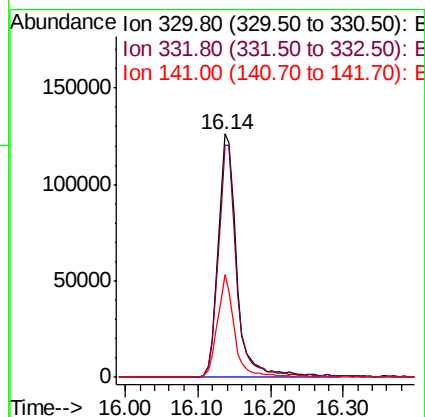
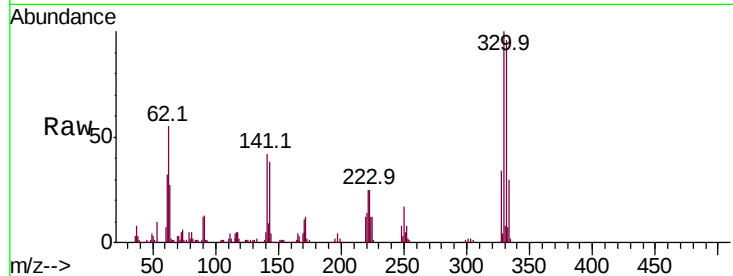




#41
 2,4,6-Tribromophenol
 Concen: 176.889 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035910.D
 Acq: 26 Jul 2018 15:18

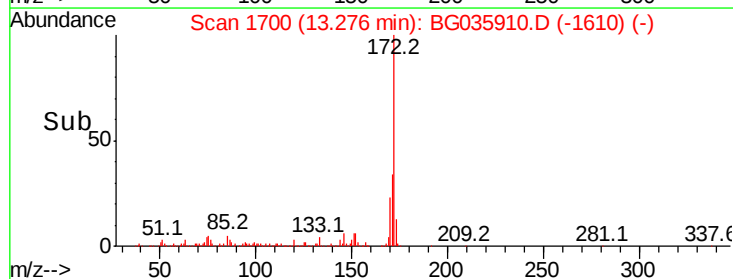
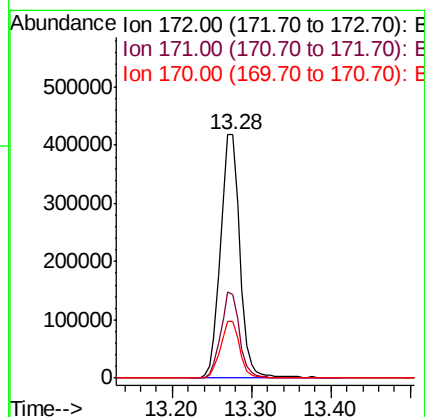
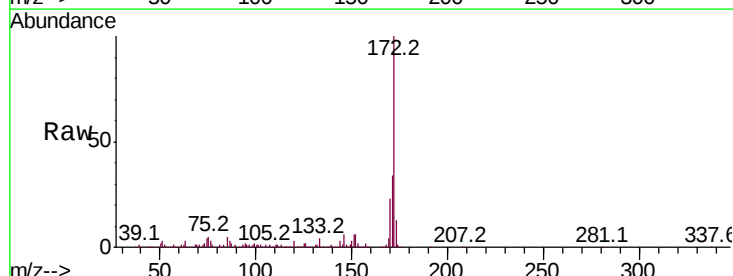
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	38.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.699 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG035910.D
 Acq: 26 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.2	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035910.D

Acq: 26 Jul 2018 15:18

Instrument :

BNA_G

ClientSampleId :

TP-11-D

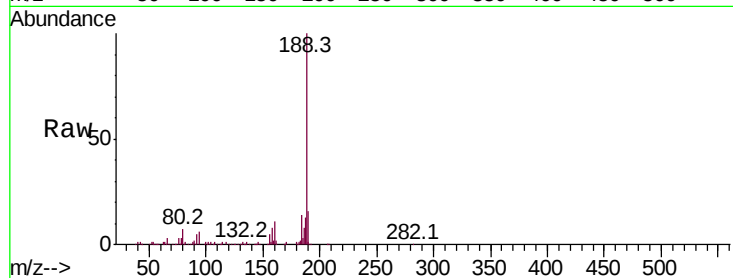
Tot Ion:188 Resp: 304490

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

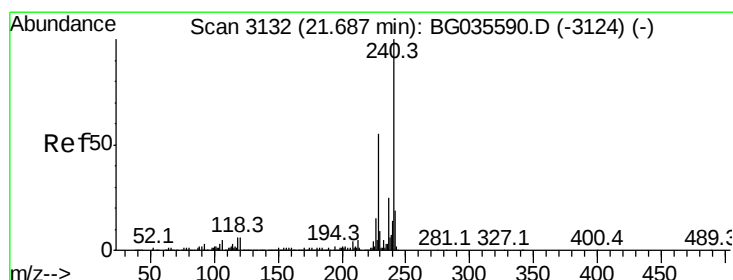
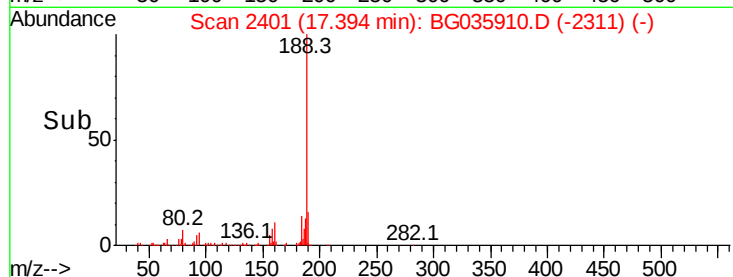
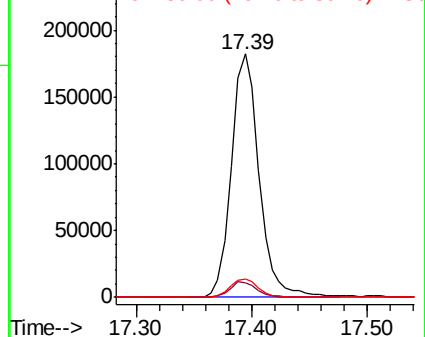
80 7.5 7.7 11.5#



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: BG035910.D

Acq: 26 Jul 2018 15:18

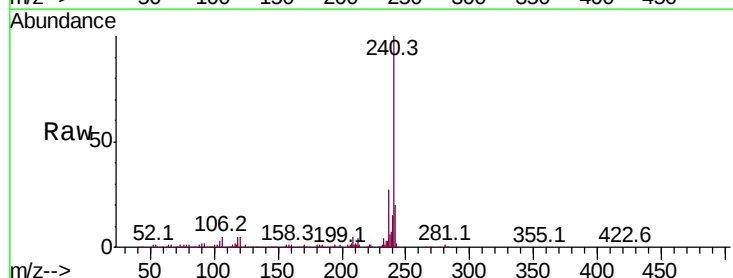
Tgt Ion:240 Resp: 329031

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

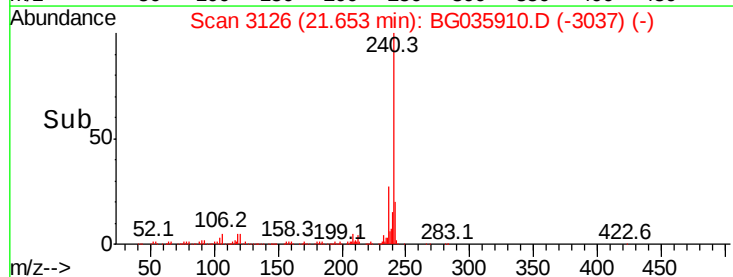
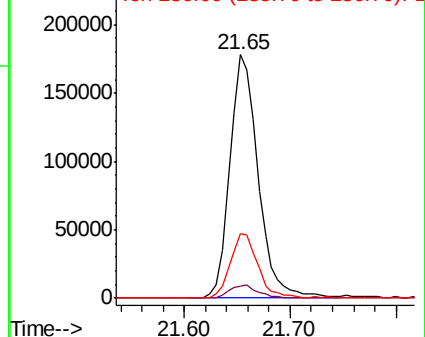
236 26.6 20.9 31.3

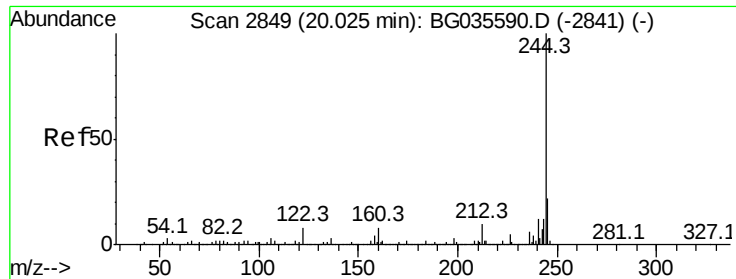


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

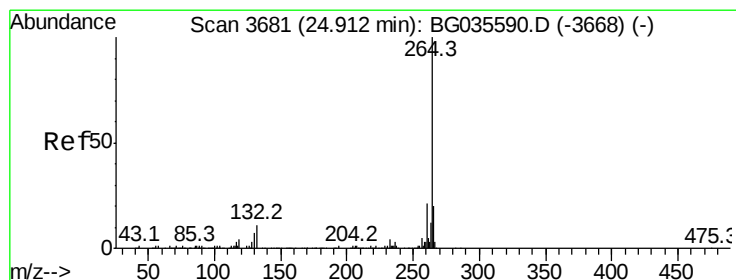
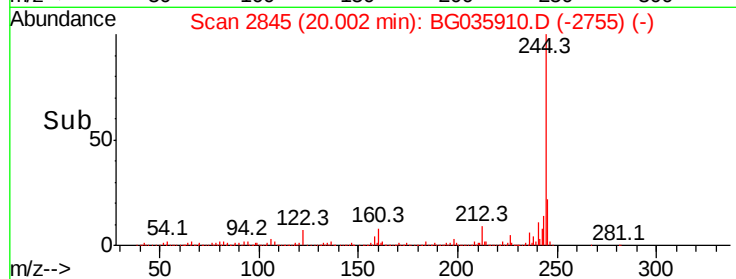
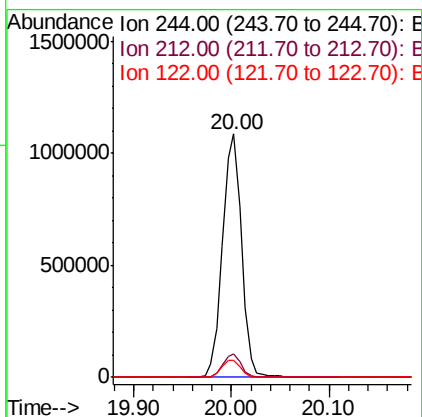
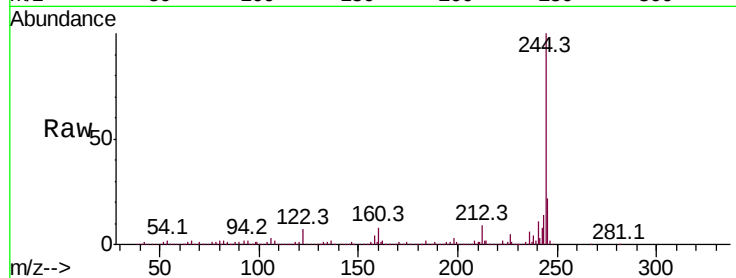




#78
 Terphenyl-d14
 Concen: 98.416 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035910.D
 Acq: 26 Jul 2018 15:18

Instrument :
 BNA_G
 ClientSampleID :
 TP-11-D

Tot Ion:244 Resp: 1469027
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 7.1 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: BG035910.D
 Acq: 26 Jul 2018 15:18

Tgt Ion:264 Resp: 161626
 Ion Ratio Lower Upper
 264 100
 260 25.2 17.4 26.0
 265 18.7 17.7 26.5

