

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035765.D
 Acq On : 20 Jul 2018 1:19
 Operator : JU/SJ
 Sample : J4030-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

Quant Time: Jul 20 03:07:40 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 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44632	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	154023	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	105635	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	289742	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	345385	20.00	ng	-0.02
86) Perylene-d12	24.86	264	320519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	360176	133.98	ng	0.00
7) Phenol-d6	7.20	99	446532	111.33	ng	0.00
23) Nitrobenzene-d5	9.19	82	364710	98.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	231838	166.51	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	820058	104.01	ng	-0.01
78) Terphenyl-d14	20.00	244	1650941	105.37	ng	-0.01

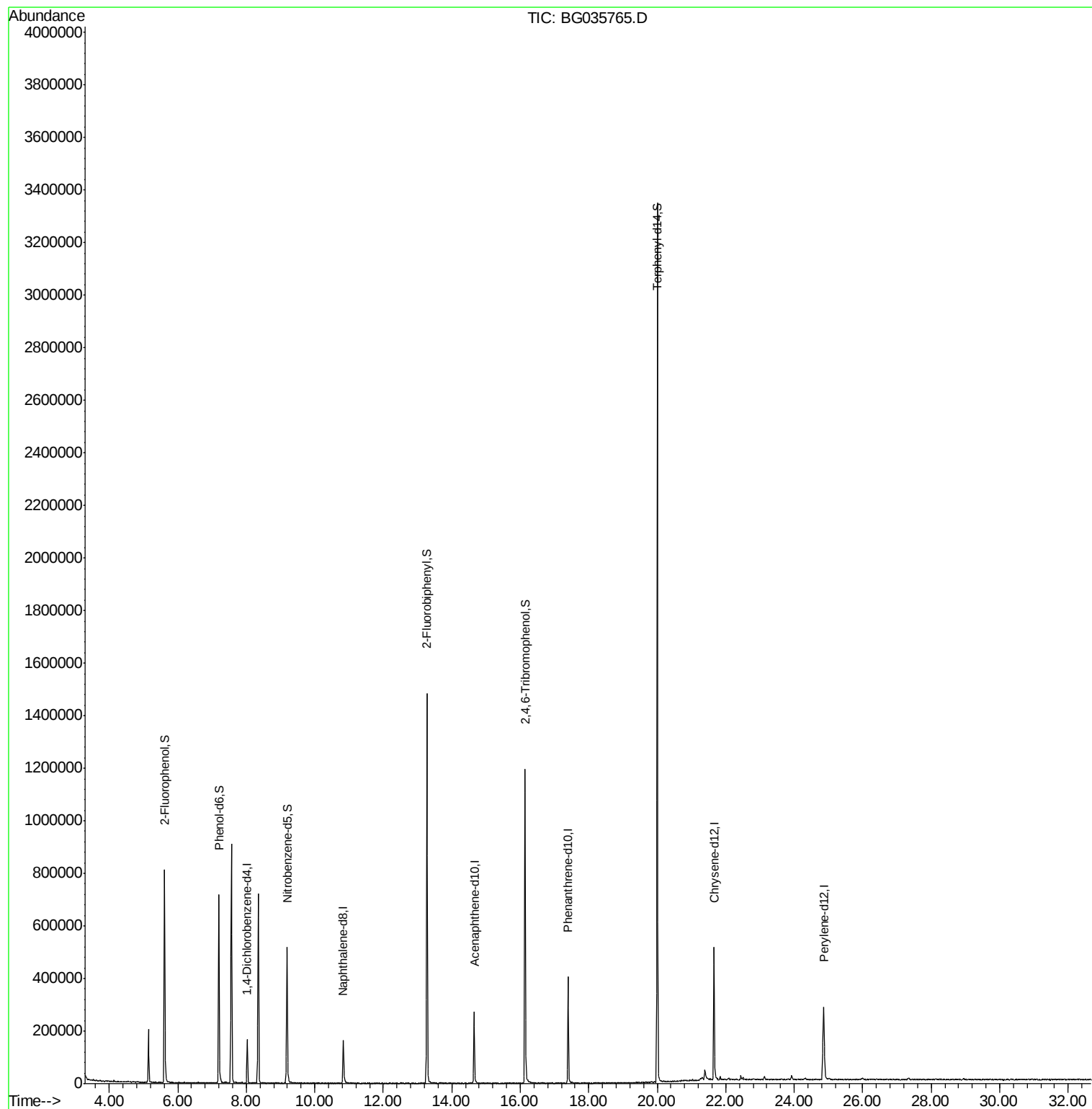
Target Compounds Qvalue

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

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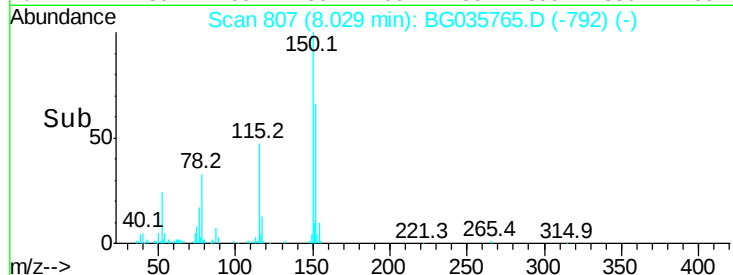
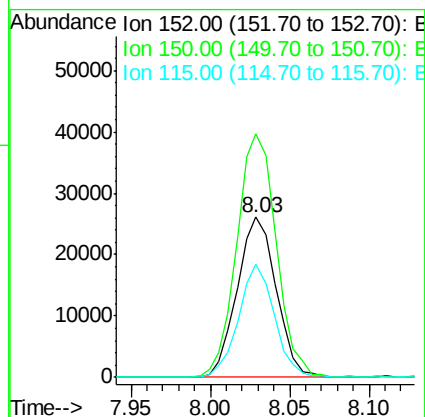
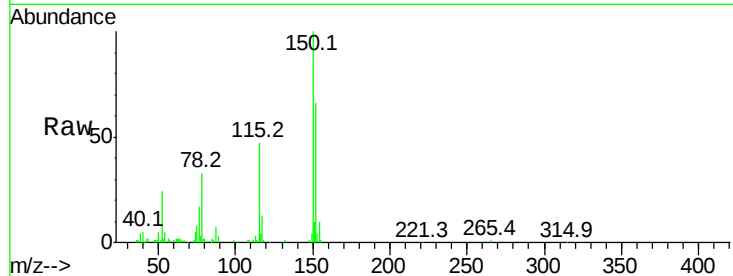


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Instrument :
BNA_G
ClientSampleId :
SB9-12-0

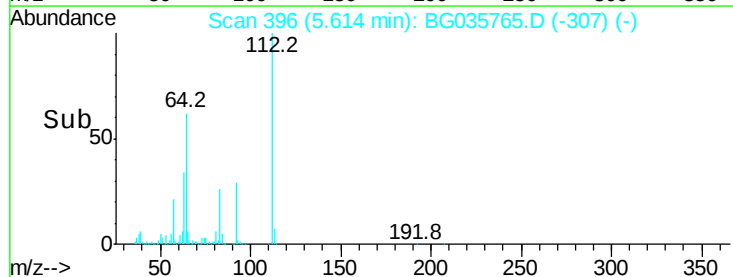
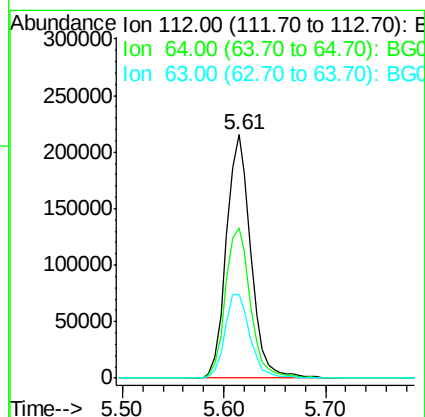
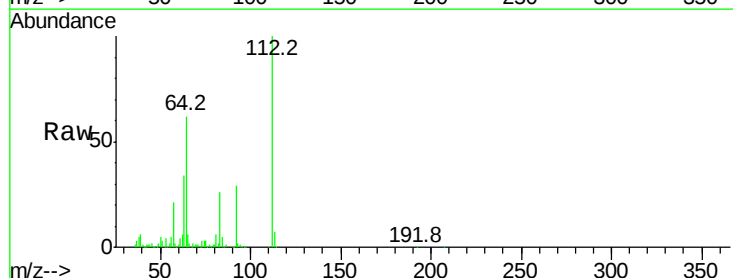
Tot Ion:152 Resp: 44632
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 70.8 53.0 79.4



#5

2-Fluorophenol
Concen: 133.979 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Tgt Ion:112 Resp: 360176
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 34.2 30.1 45.1





#7

Phenol-d6

Concen: 111.330 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

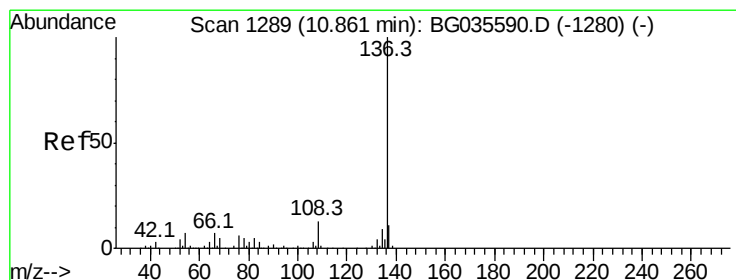
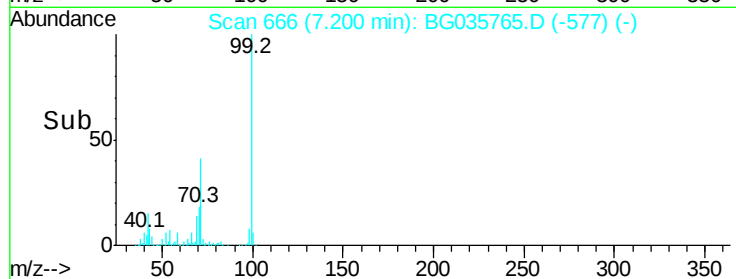
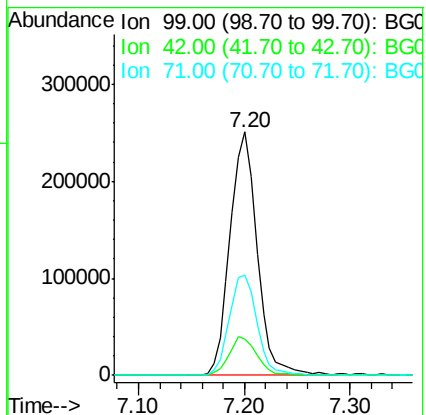
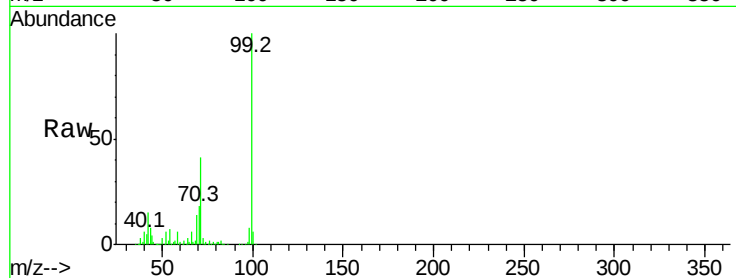
Tot Ion: 99 Resp: 446532

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 41.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Tgt Ion: 136 Resp: 154023

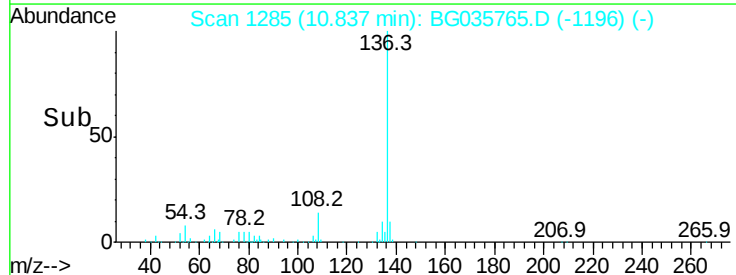
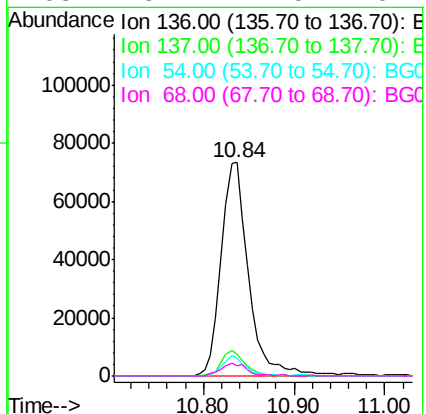
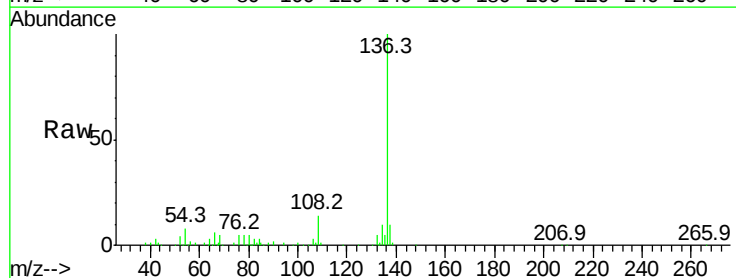
Ion Ratio Lower Upper

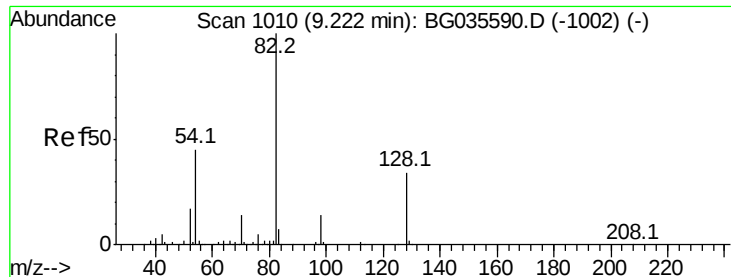
136 100

137 10.2 9.2 13.8

54 8.2 10.3 15.5#

68 5.1 4.5 6.7

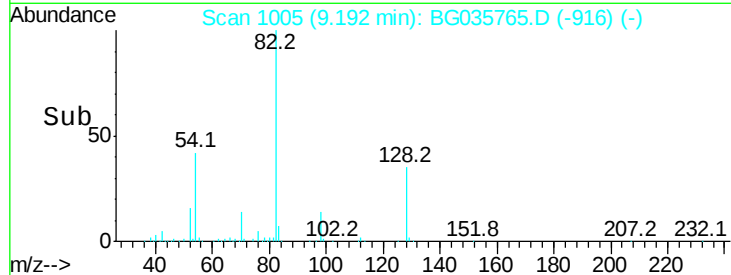
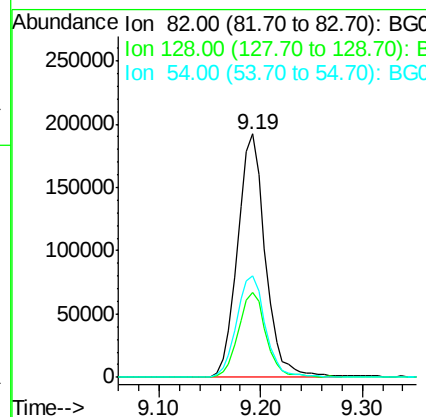
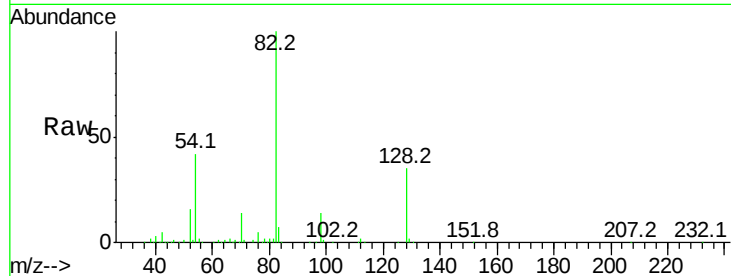




#23
 Nitrobenzene-d5
 Concen: 98.918 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

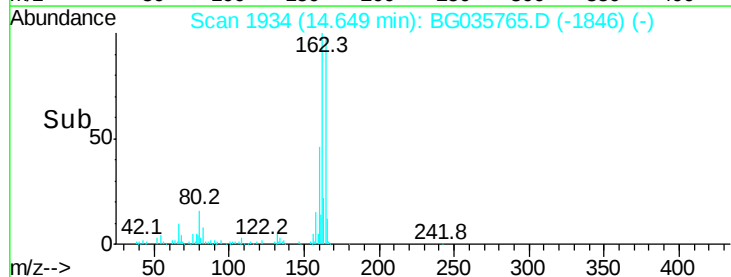
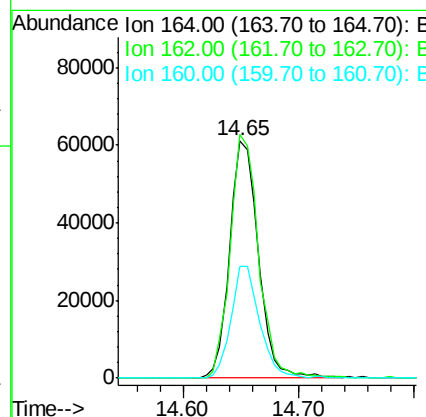
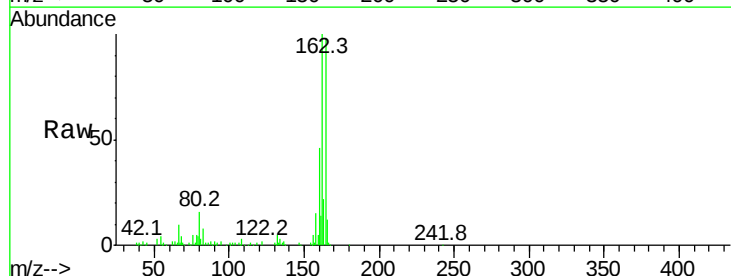
Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

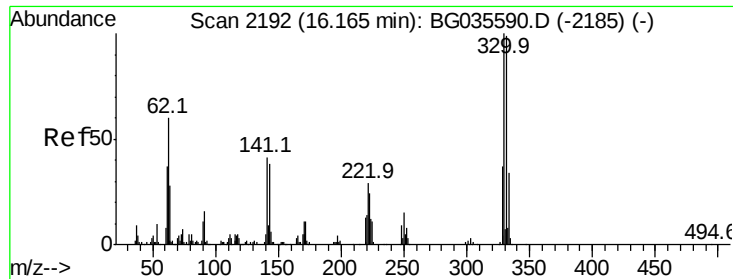
Tot Ion	82	Resp	364710
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

Tgt Ion	164	Resp	105635
Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	47.0	35.4	53.0

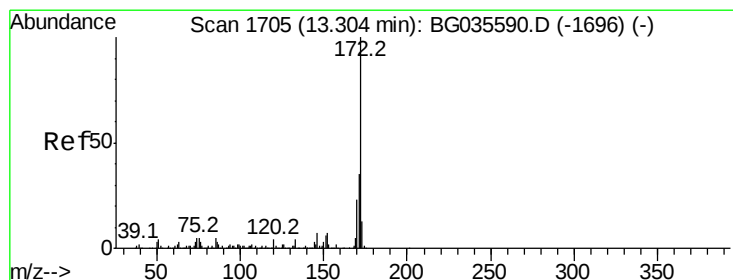
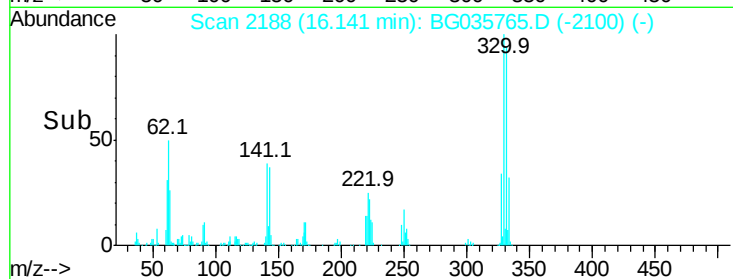
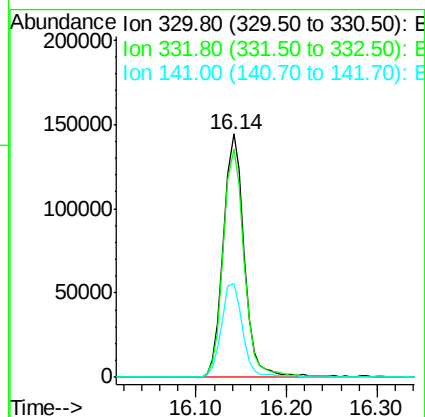
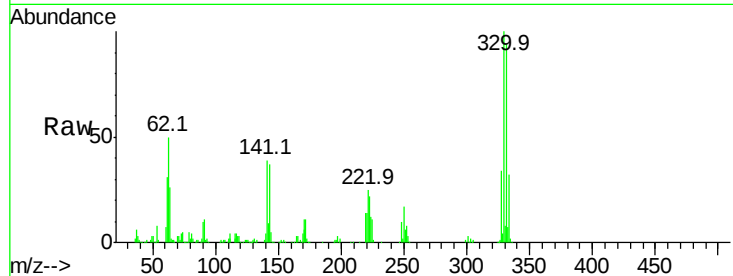




#41
 2,4,6-Tribromophenol
 Concen: 166.510 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

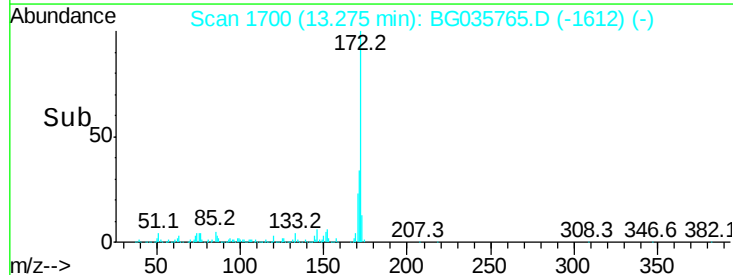
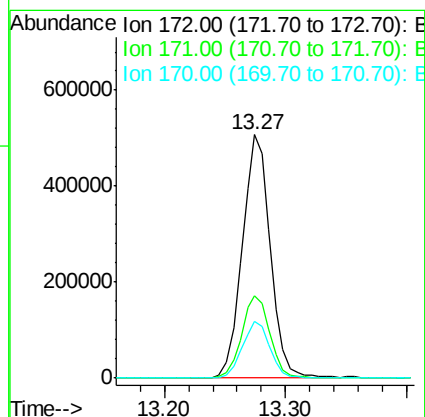
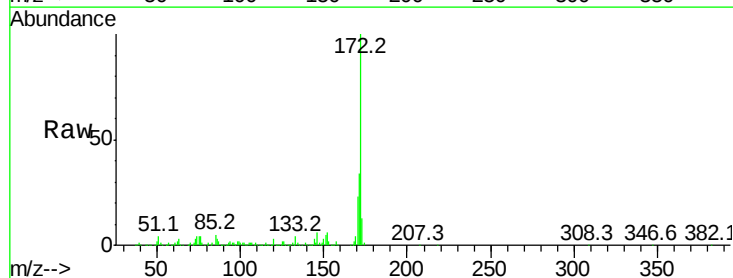
Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 104.006 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

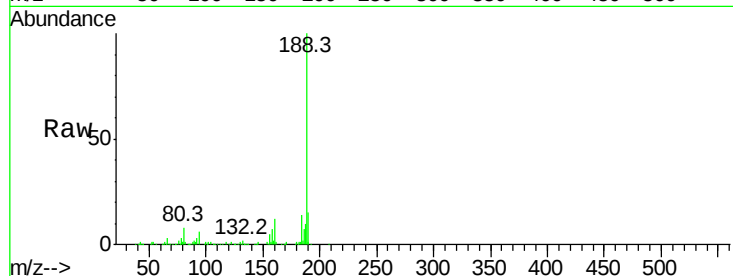
Tot Ion:188 Resp: 289742

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

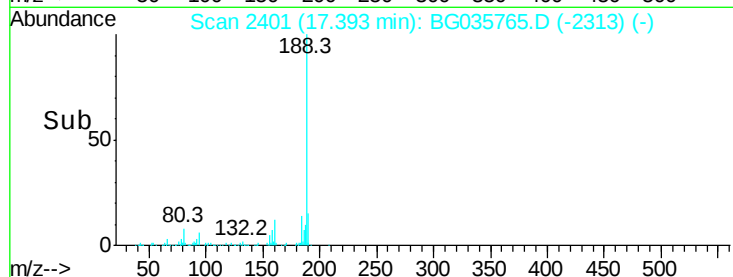
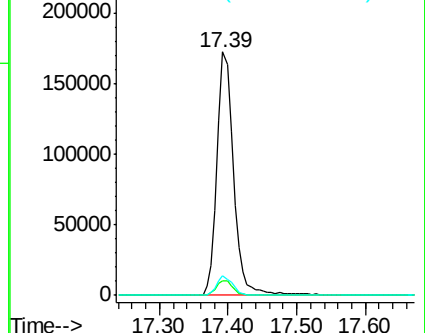
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

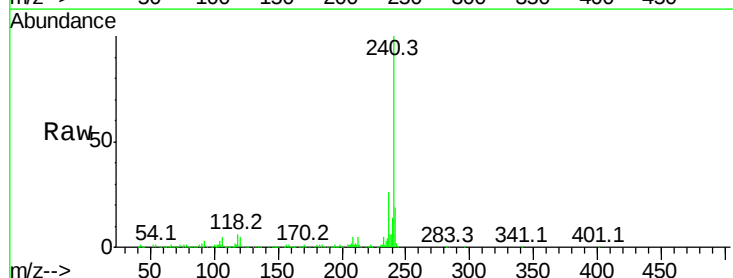
Tgt Ion:240 Resp: 345385

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

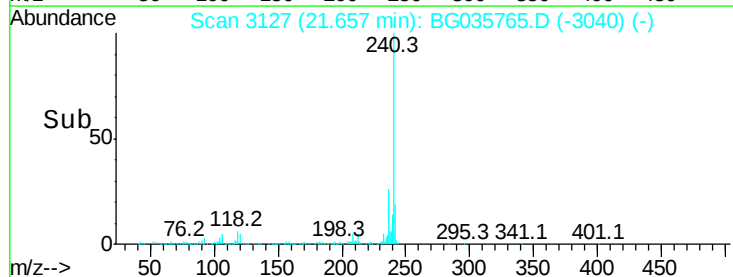
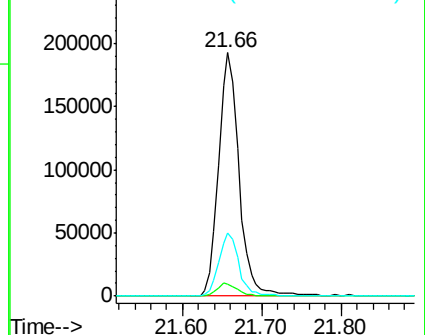
236 25.9 20.9 31.3

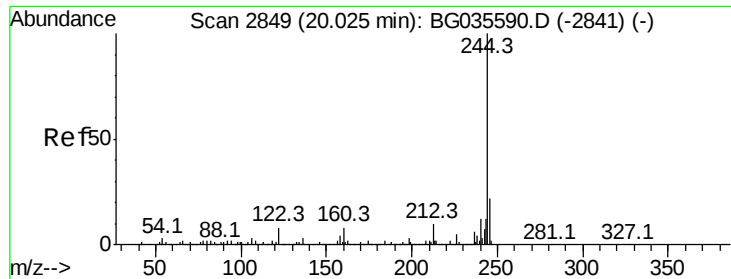


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.366 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

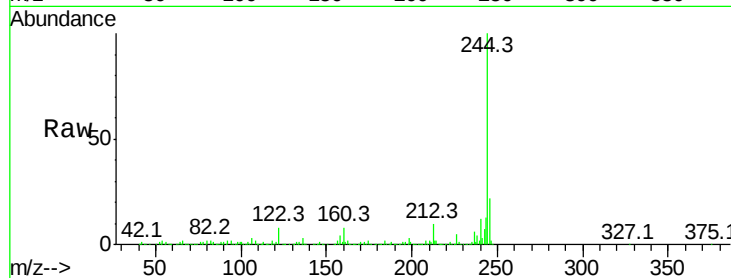
Tot Ion:244 Resp: 1650941

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

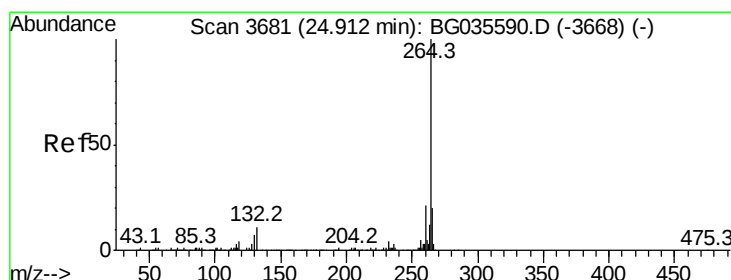
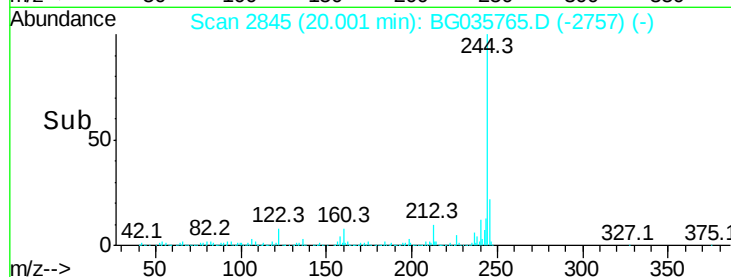
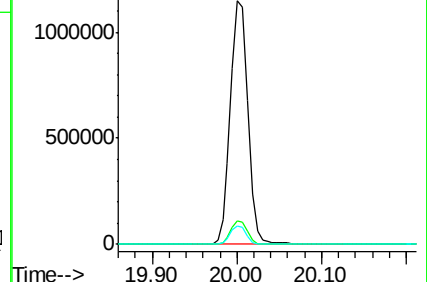
122 7.7 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

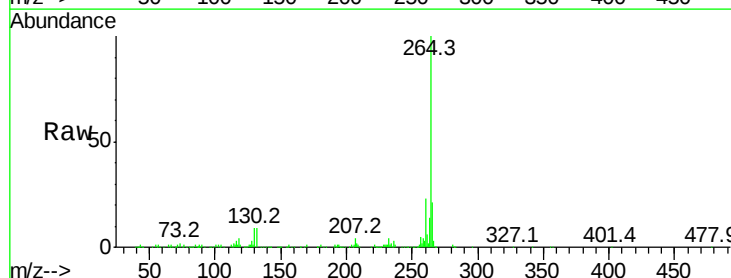
Tgt Ion:264 Resp: 320519

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

