

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035789.D
 Acq On : 20 Jul 2018 18:09
 Operator : JU/SJ
 Sample : PB111269BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111269BL

Quant Time: Jul 20 18:51:35 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	49678	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	177067	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	123228	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	333005	20.00	ng	0.00
75) Chrysene-d12	21.66	240	382347	20.00	ng	0.00
86) Perylene-d12	24.86	264	357605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	399759	133.60	ng	0.00
7) Phenol-d6	7.20	99	558772	125.16	ng	0.00
23) Nitrobenzene-d5	9.19	82	353940	83.50	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	227476	140.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	827241	89.94	ng	0.00
78) Terphenyl-d14	20.00	244	1551651	89.46	ng	0.00

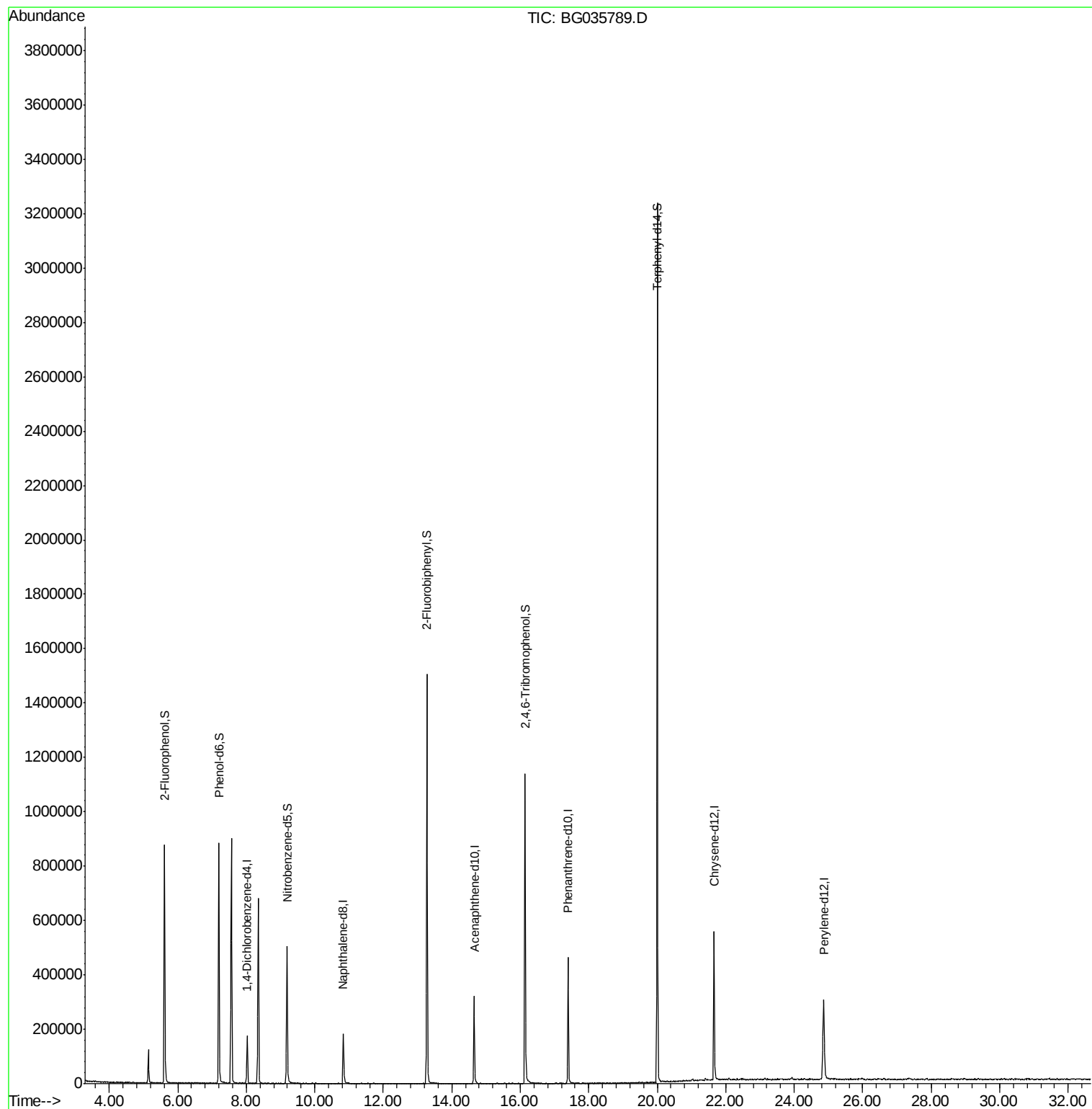
Target Compounds Qvalue

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

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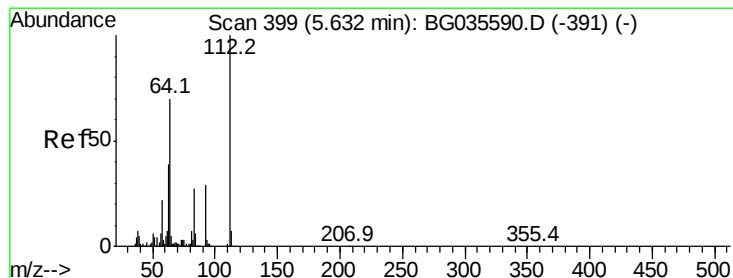
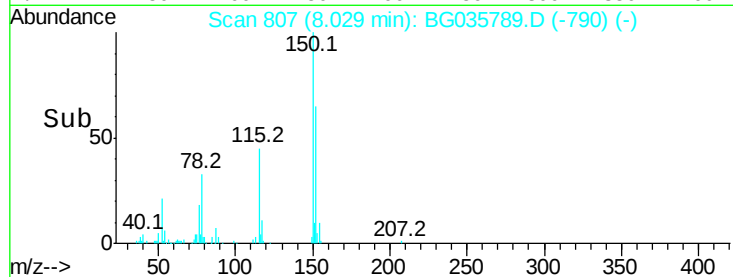
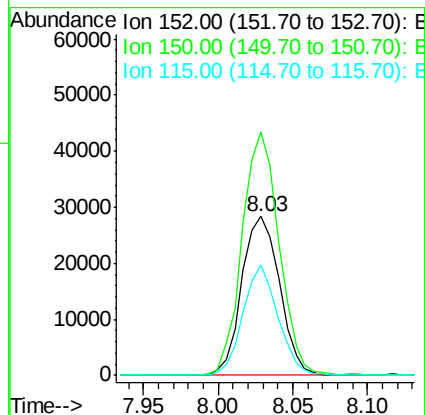
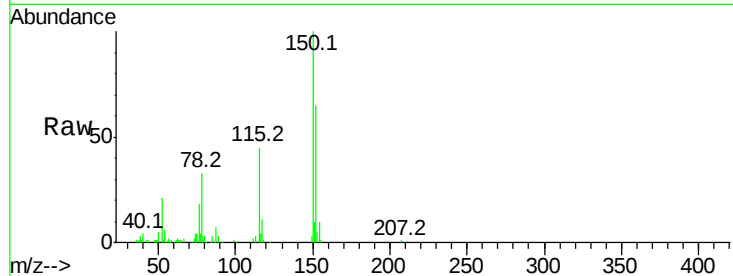


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035789.D
Acq: 20 Jul 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB111269BL

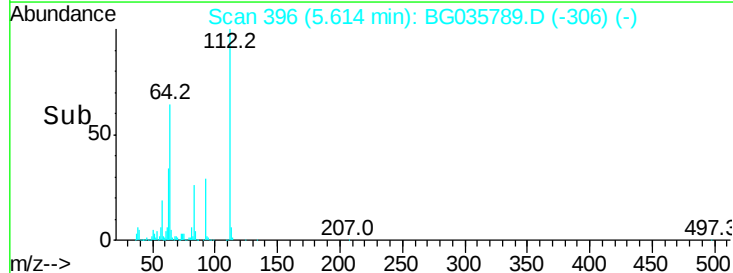
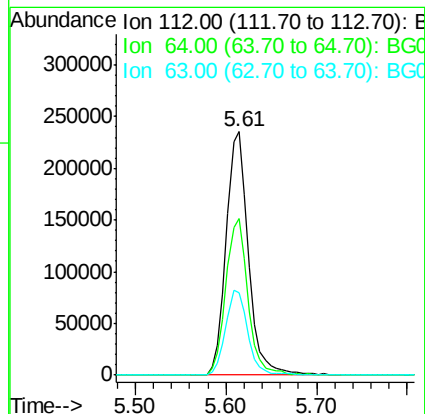
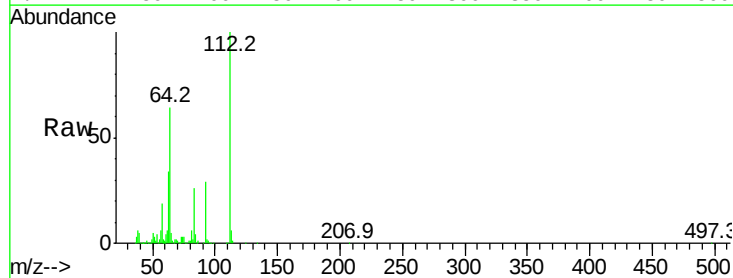
Tot Ion:152 Resp: 49678
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 69.5 53.0 79.4



#5

2-Fluorophenol
Concen: 133.599 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035789.D
Acq: 20 Jul 2018 18:09

Tgt Ion:112 Resp: 399759
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 33.9 30.1 45.1





#7

Phenol-d6

Concen: 125.163 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035789.D

Acq: 20 Jul 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB111269BL

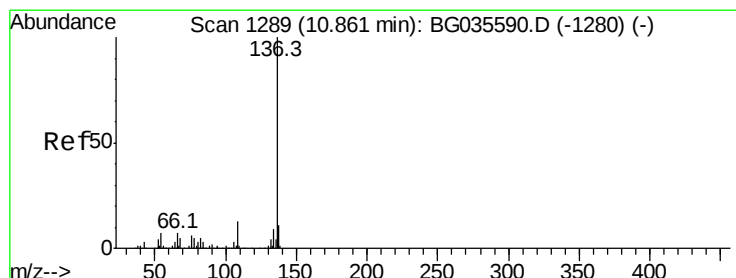
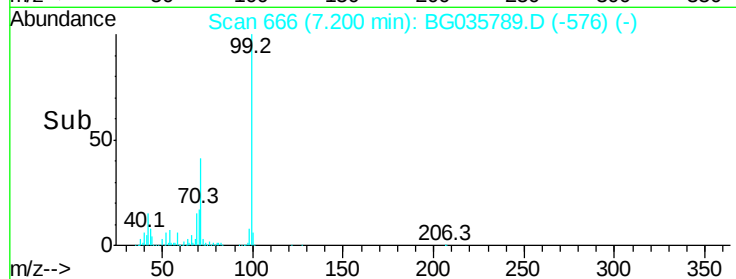
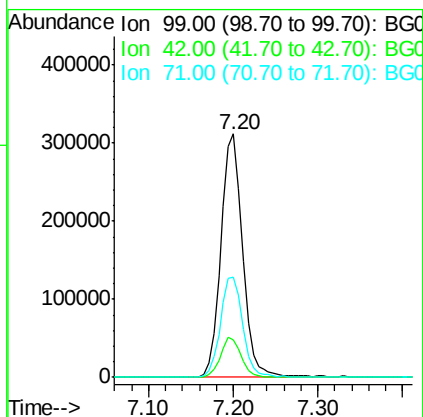
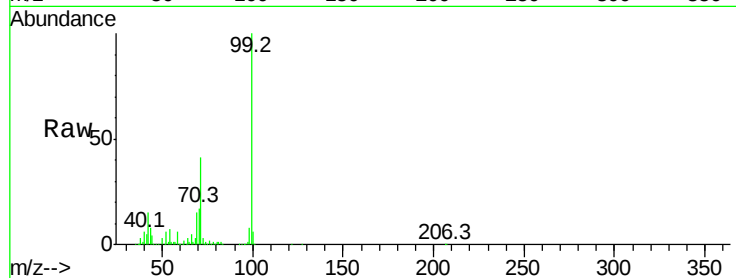
Tot Ion: 99 Resp: 558772

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 41.4 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: BG035789.D

Acq: 20 Jul 2018 18:09

Tgt Ion: 136 Resp: 177067

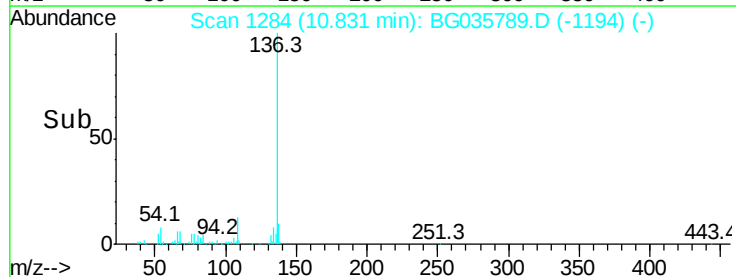
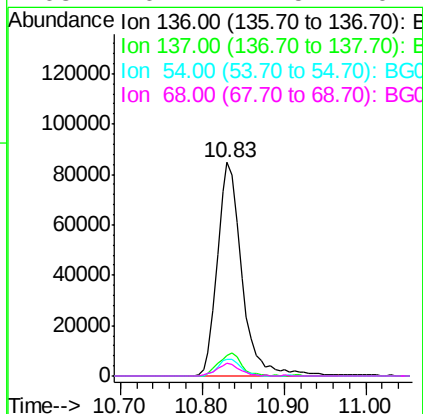
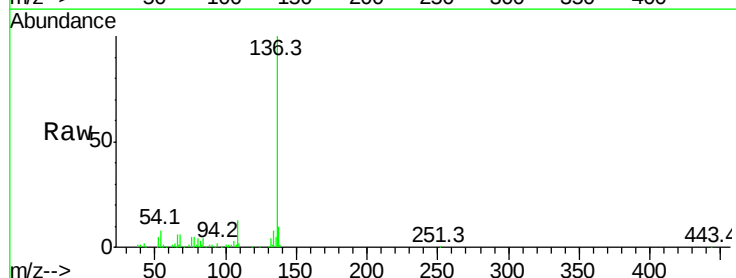
Ion Ratio Lower Upper

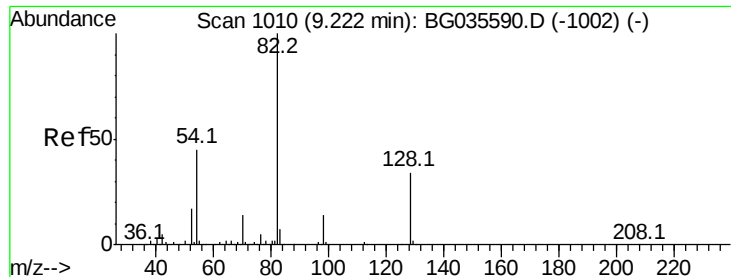
136 100

137 9.6 9.2 13.8

54 8.0 10.3 15.5#

68 6.2 4.5 6.7

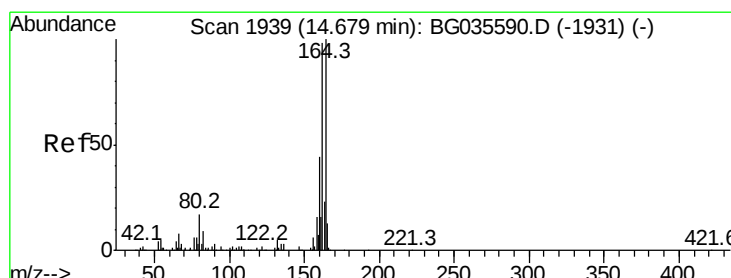
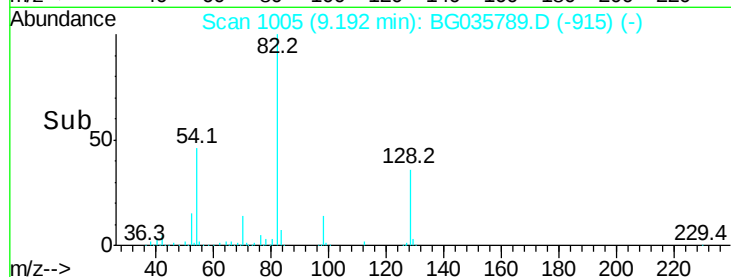
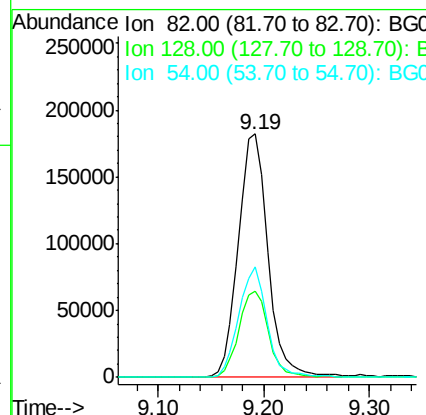
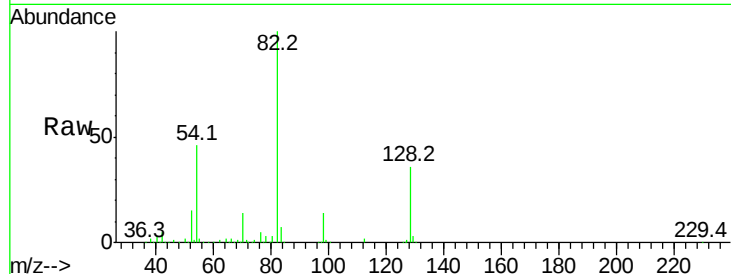




#23
Nitrobenzene-d5
Concen: 83.504 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035789.D
Acq: 20 Jul 2018 18:09

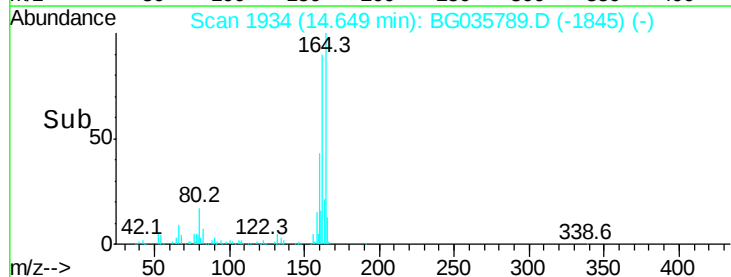
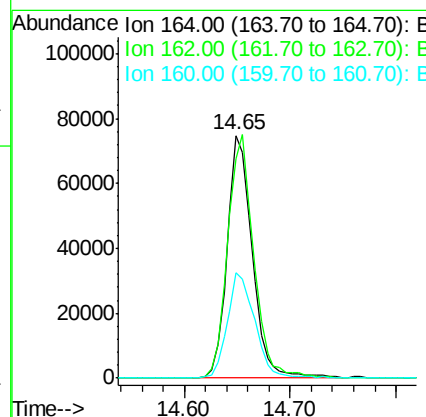
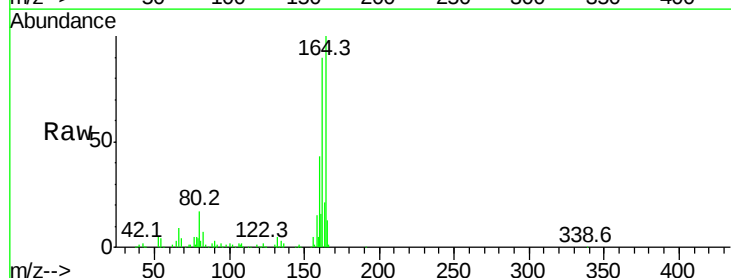
Instrument :
BNA_G
ClientSampleId :
PB111269BL

Tot Ion	82	Resp	353940
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	45.5	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: BG035789.D
Acq: 20 Jul 2018 18:09

Tgt Ion	164	Resp	123228
Ion	Ratio	Lower	Upper
164	100		
162	90.4	78.8	118.2
160	43.3	35.4	53.0

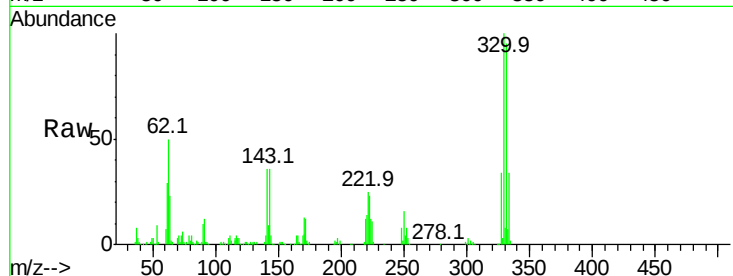




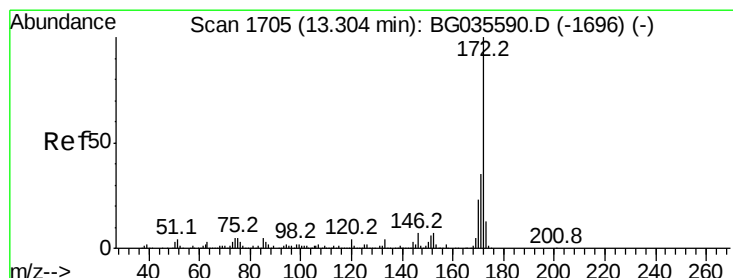
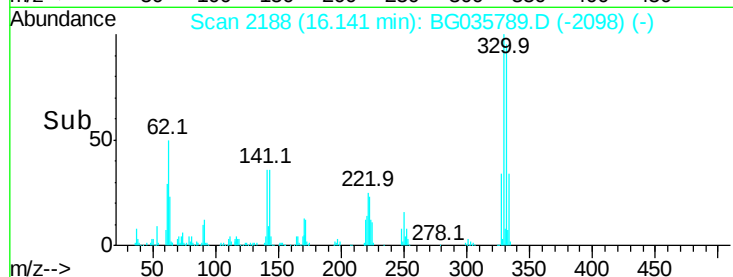
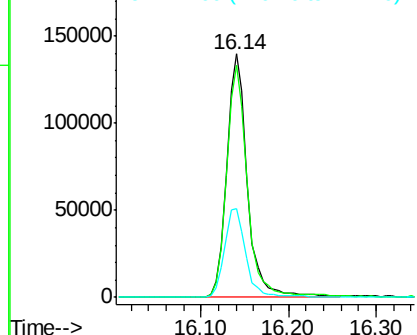
#41
 2,4,6-Tribromophenol
 Concen: 140.052 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035789.D
 Acq: 20 Jul 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111269BL

Tot Ion:330 Resp: 227476
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 38.3 25.2 37.8#

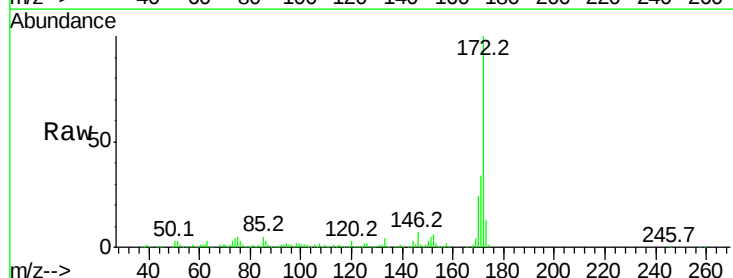


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

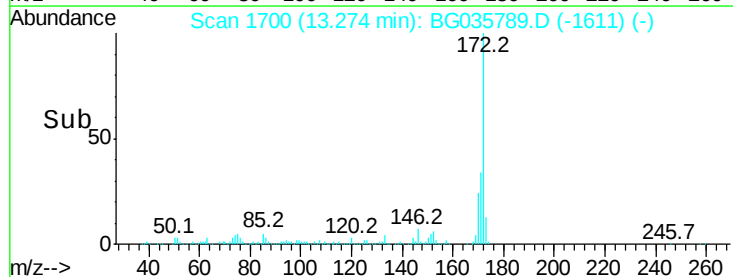
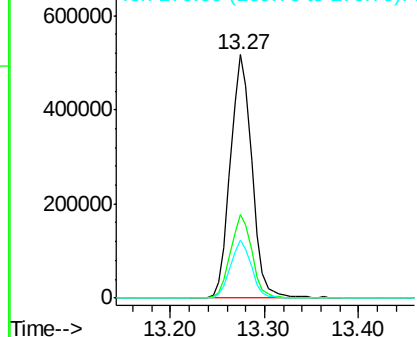


#44
 2-Fluorobiphenyl
 Concen: 89.938 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035789.D
 Acq: 20 Jul 2018 18:09

Tgt Ion:172 Resp: 827241
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG035789.D

Acq: 20 Jul 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB111269BL

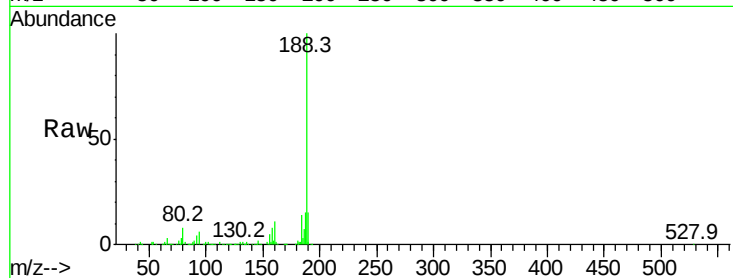
Tot Ion:188 Resp: 333005

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

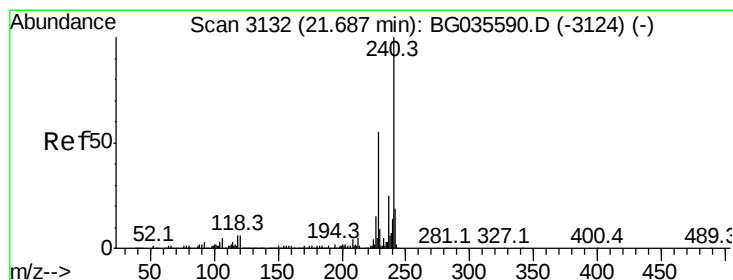
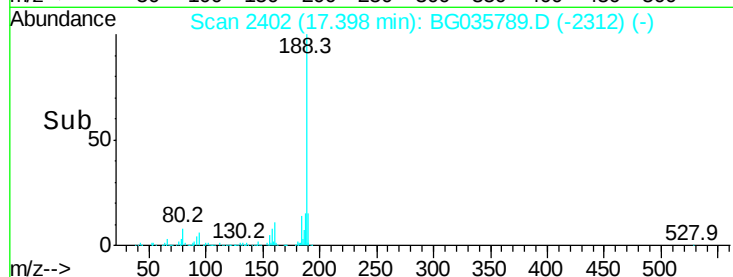
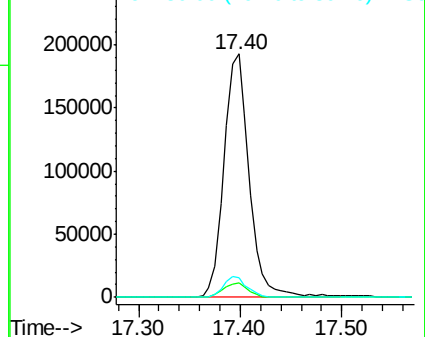
80 7.8 7.7 11.5



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: BG035789.D

Acq: 20 Jul 2018 18:09

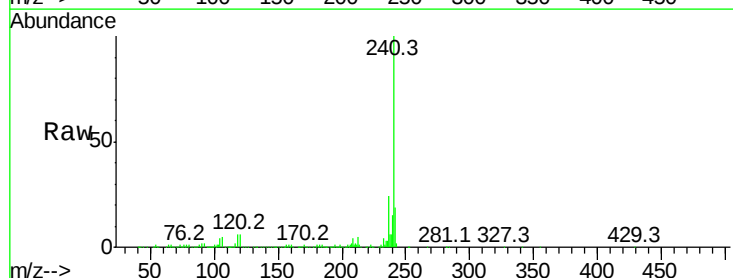
Tgt Ion:240 Resp: 382347

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

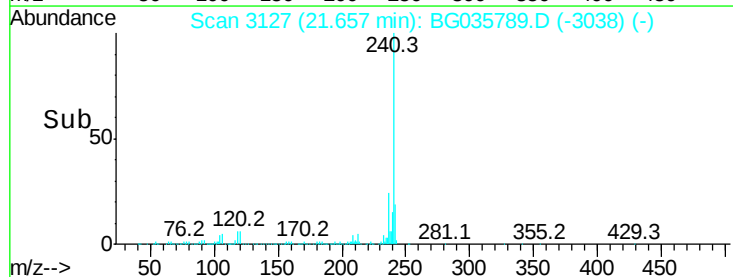
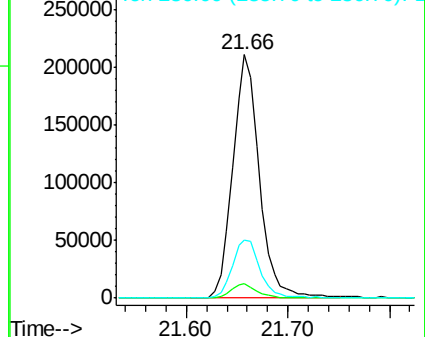
236 24.0 20.9 31.3

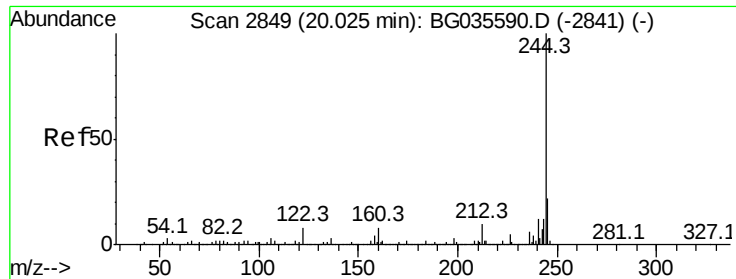


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

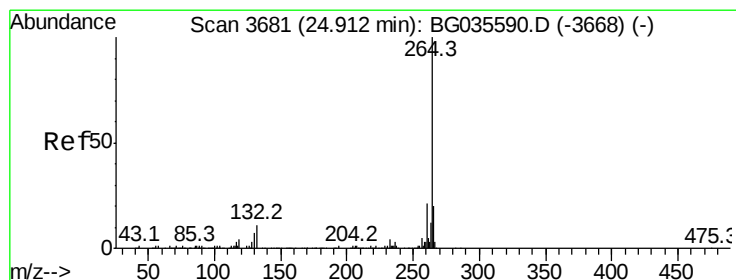
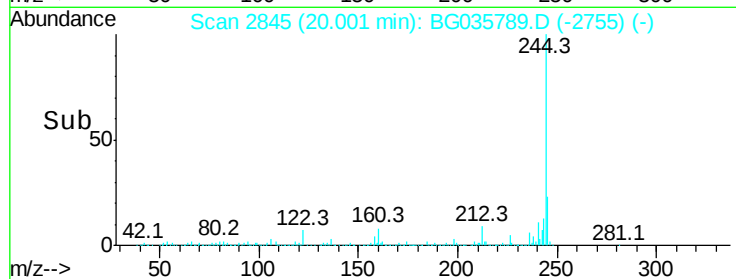
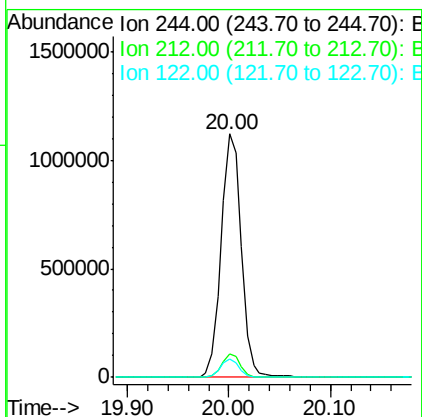
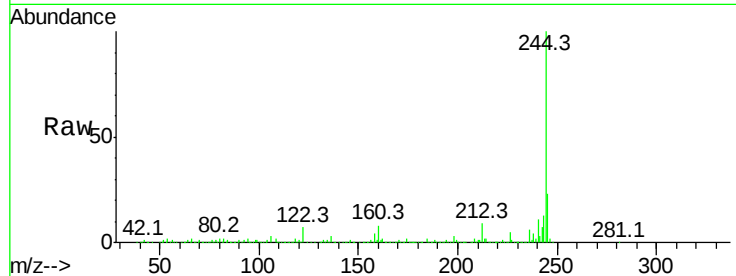




#78
 Terphenyl-d14
 Concen: 89.456 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035789.D
 Acq: 20 Jul 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111269BL

Tot Ion:244 Resp: 1551651
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035789.D
 Acq: 20 Jul 2018 18:09

Tgt Ion:264 Resp: 357605
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.6 17.7 26.5

