

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036084.D
 Acq On : 3 Aug 2018 7:50
 Operator : JU/SJ
 Sample : PB111703BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BL

Quant Time: Aug 03 08:37:05 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 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29323	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	103339	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	78301	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	230579	20.00	ng	0.00
75) Chrysene-d12	21.66	240	268464	20.00	ng	0.00
86) Perylene-d12	24.85	264	242658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	248936	140.94	ng	0.00
7) Phenol-d6	7.19	99	351725	133.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	231270	93.49	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	149043	144.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	557484	95.39	ng	0.00
78) Terphenyl-d14	19.99	244	1220969	100.25	ng	0.00

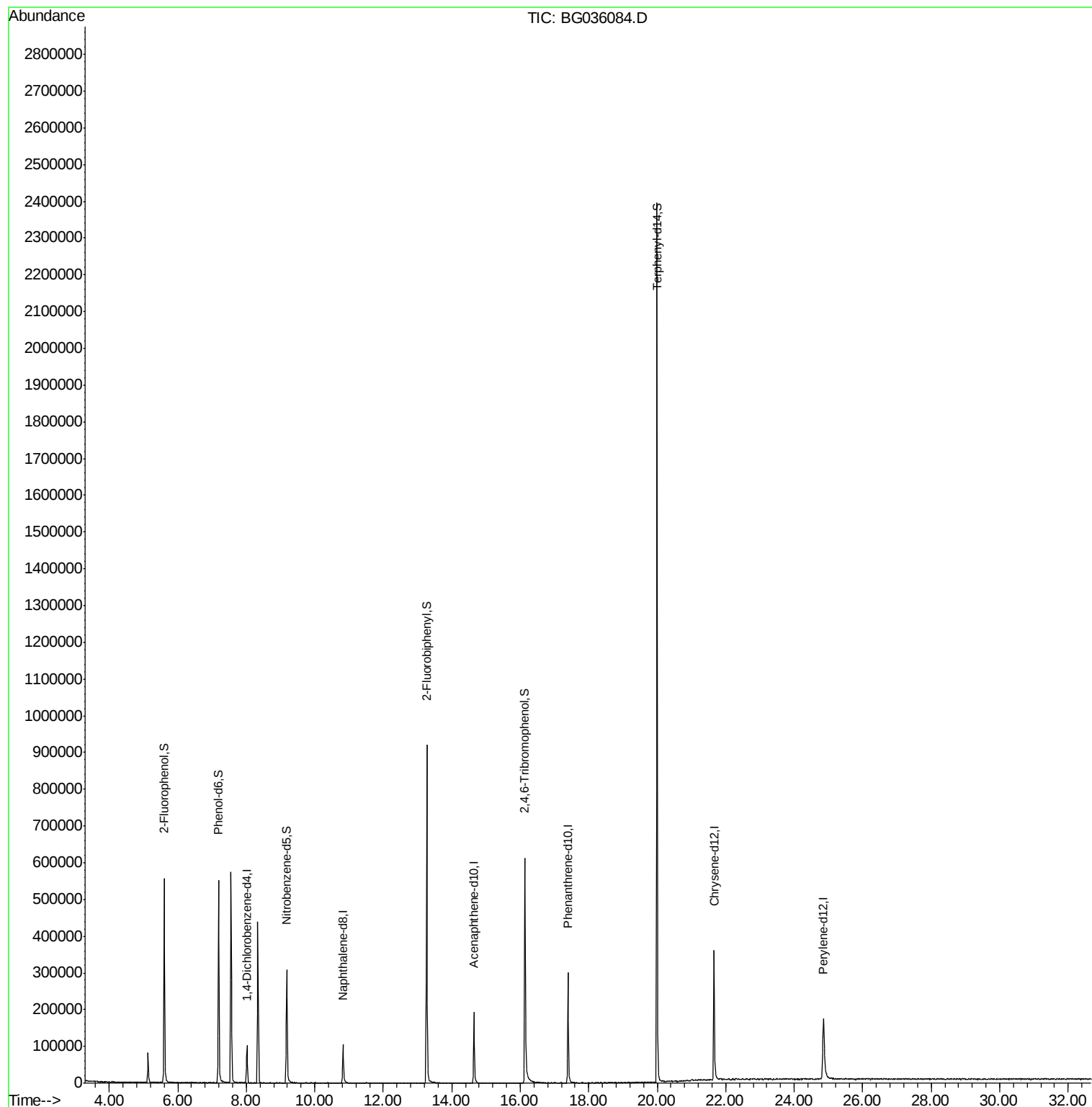
Target Compounds Qvalue

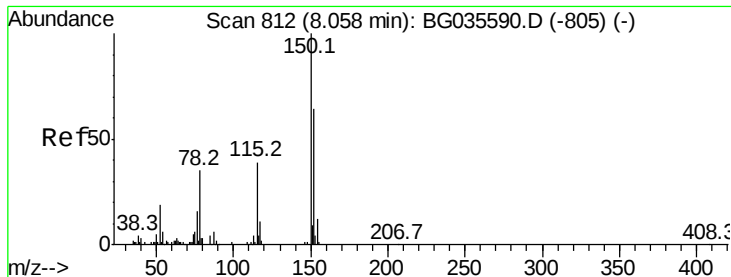
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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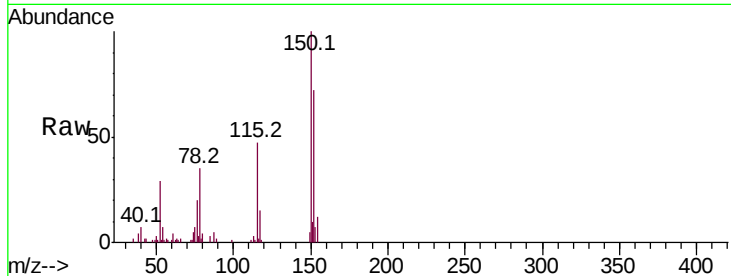


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	65.5	53.0	79.4

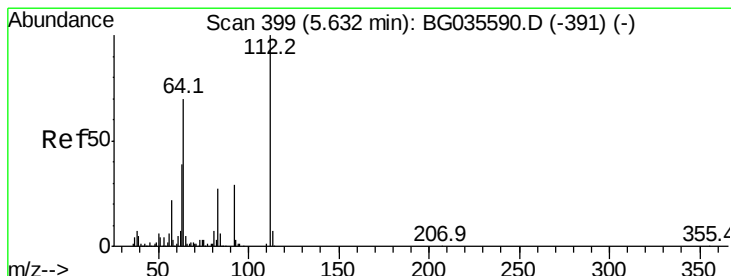
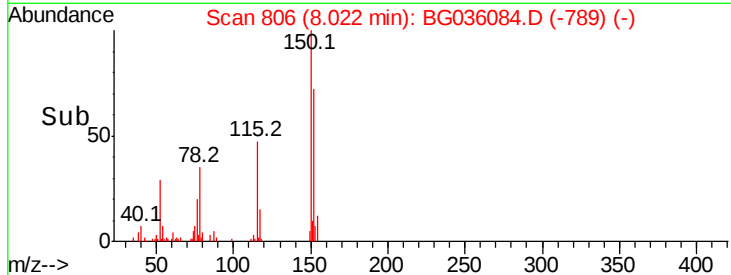
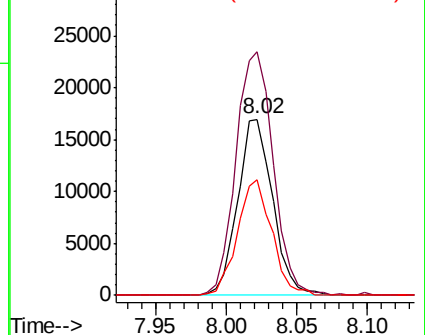


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

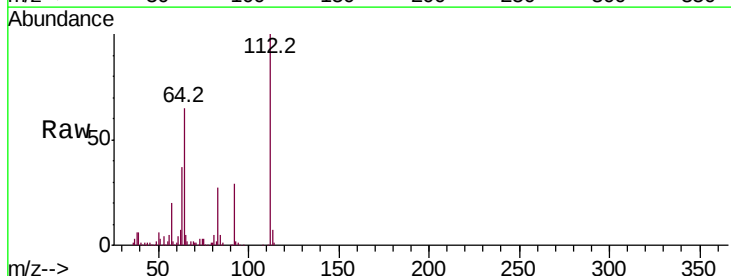
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 140.945 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	37.3	30.1	45.1

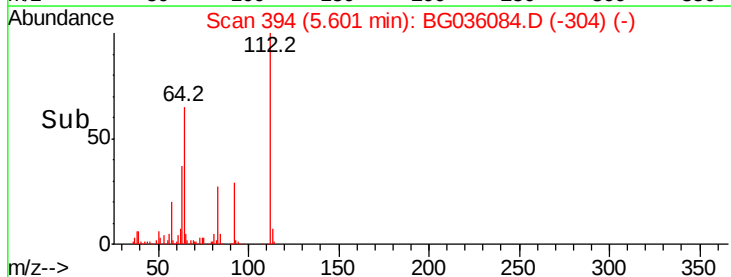
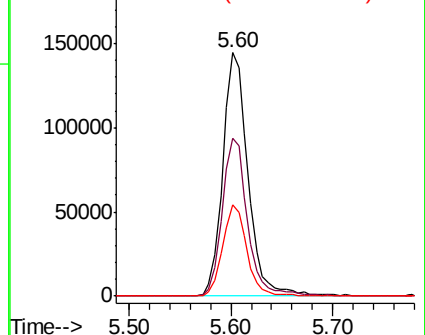


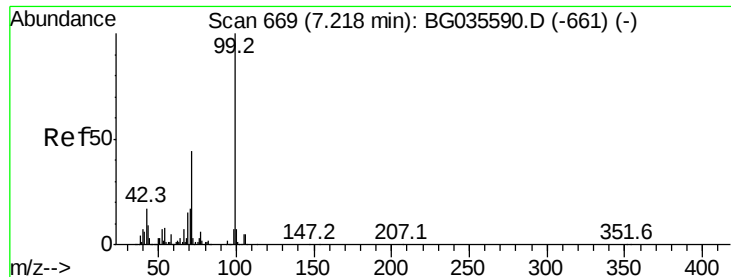
Abundance

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: 133.475 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036084.D

Acq: 3 Aug 2018 7:50

Instrument :

BNA_G

ClientSampleId :

PB111703BL

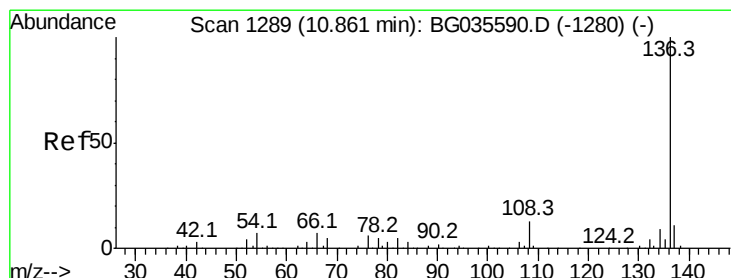
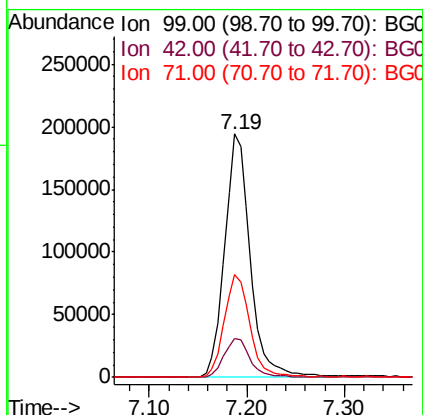
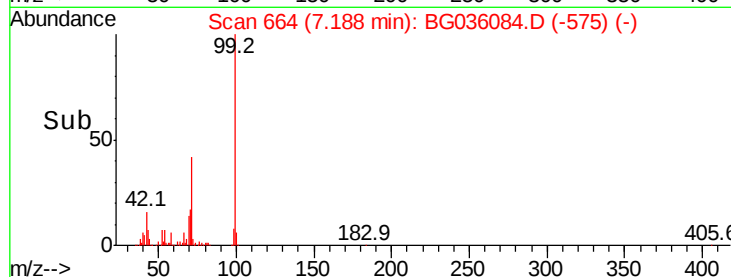
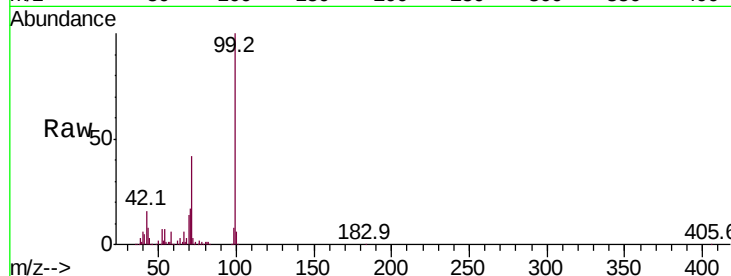
Tot Ion: 99 Resp: 351725

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 42.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036084.D

Acq: 3 Aug 2018 7:50

Tgt Ion: 136 Resp: 103339

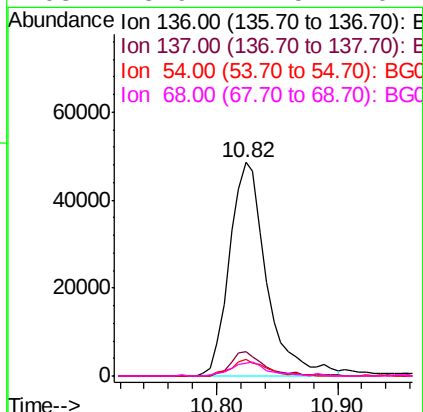
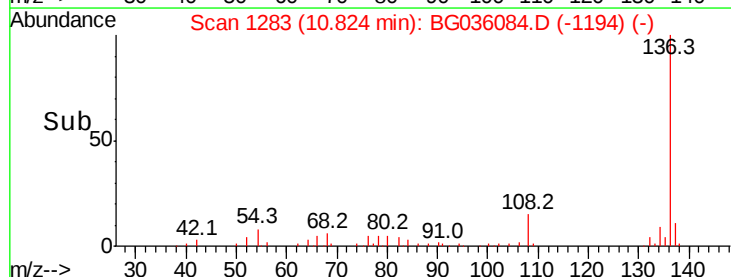
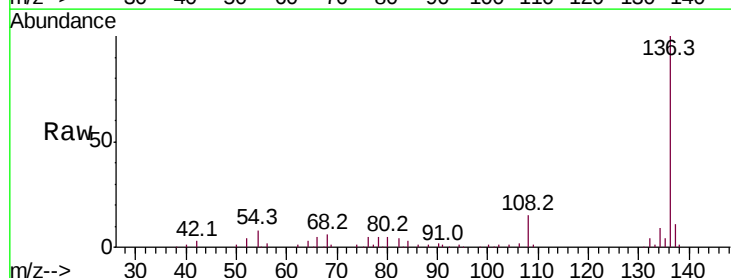
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.9 10.3 15.5#

68 5.9 4.5 6.7

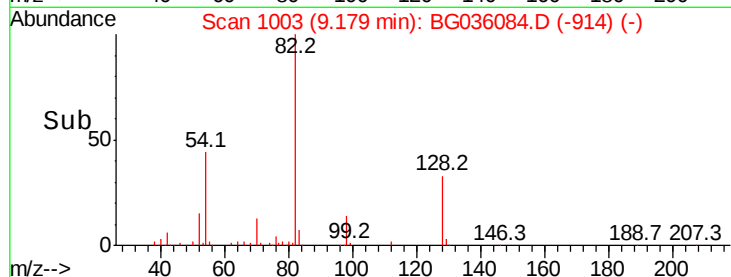
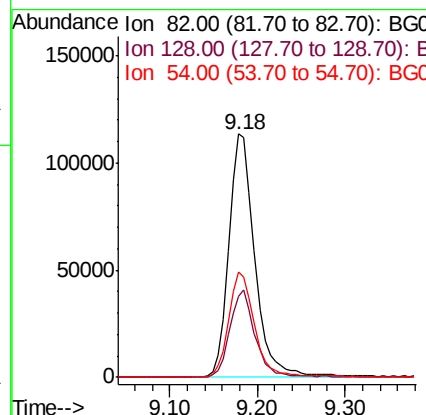
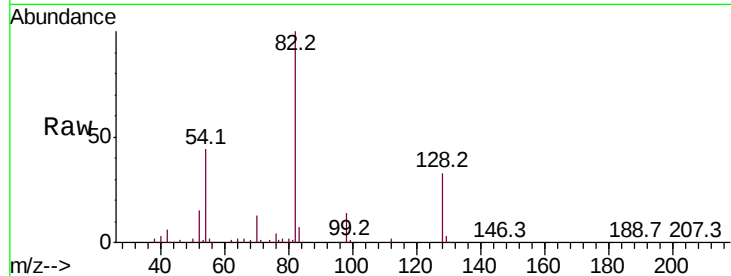




#23
 Nitrobenzene-d5
 Concen: 93.491 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

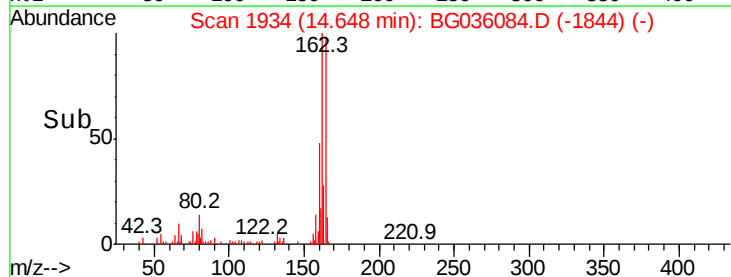
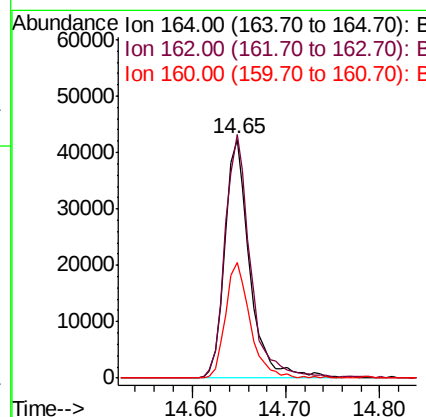
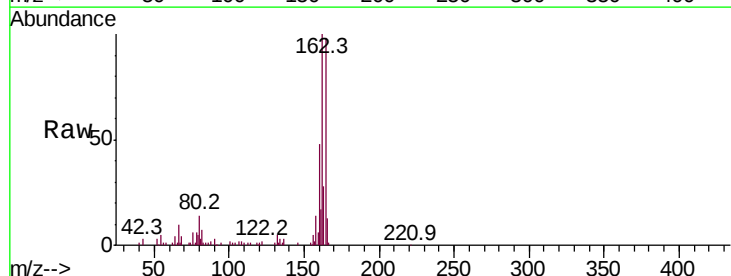
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BL

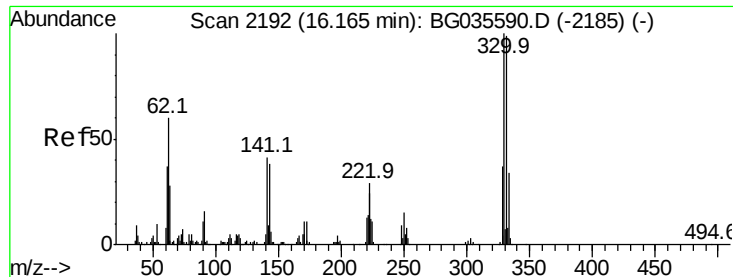
Tot Ion	82	Resp	231270
Ion Ratio	100	Lower	Upper
128	33.4	29.7	44.5
54	43.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

Tgt Ion	164	Resp	78301
Ion Ratio	100	Lower	Upper
162	102.0	78.8	118.2
160	48.6	35.4	53.0

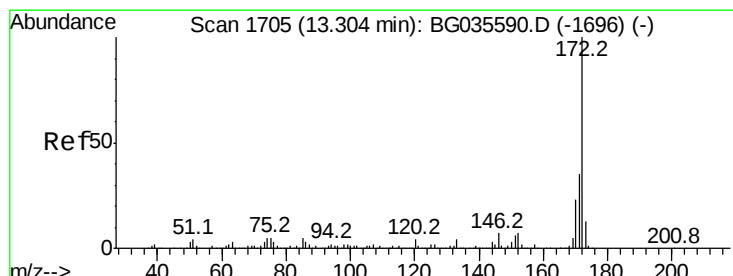
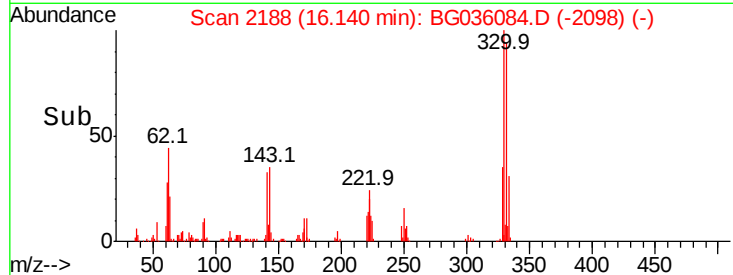
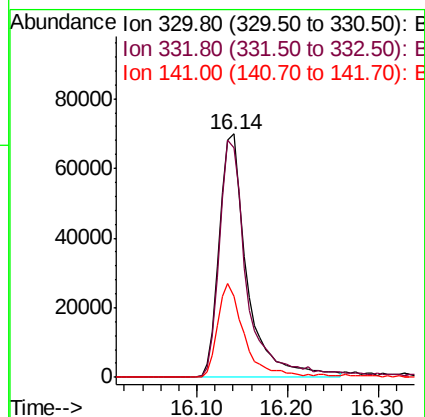
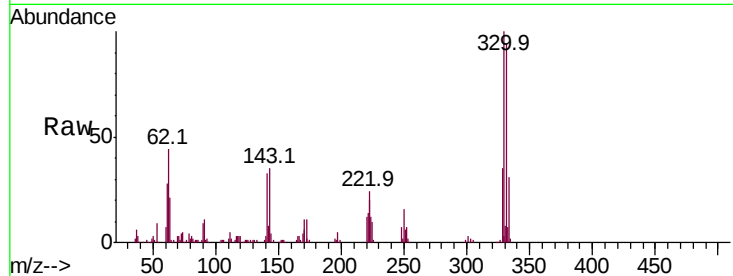




#41
 2,4,6-Tribromophenol
 Concen: 144.413 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

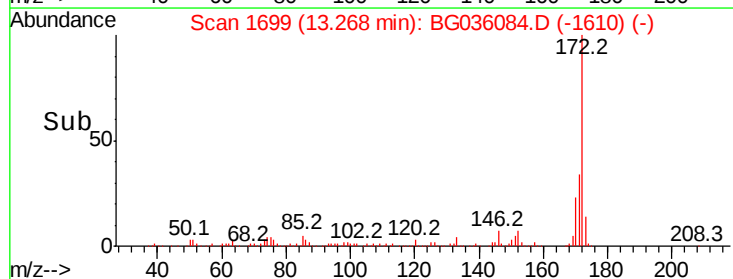
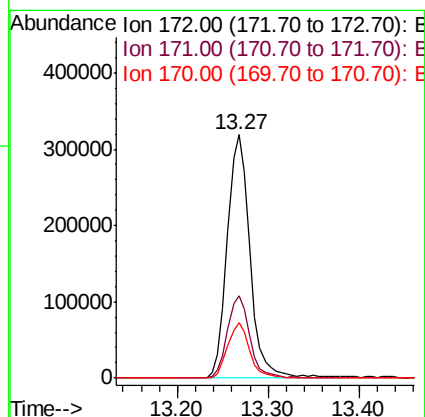
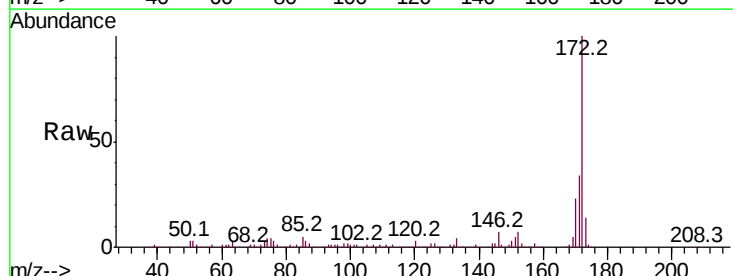
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 95.386 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036084.D
 Acq: 3 Aug 2018 7:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.9	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: BG036084.D

Acq: 3 Aug 2018 7:50

Instrument :

BNA_G

ClientSampleId :

PB111703BL

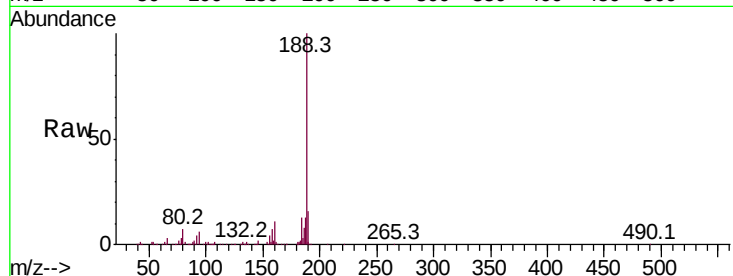
Tot Ion:188 Resp: 230579

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

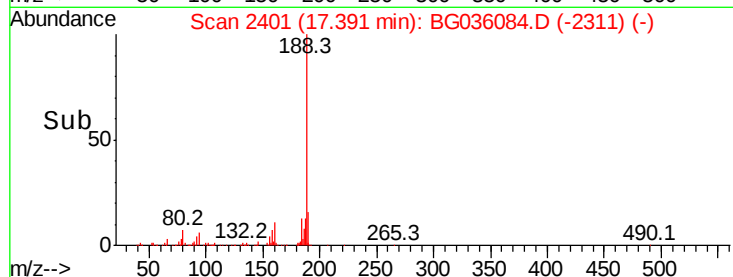
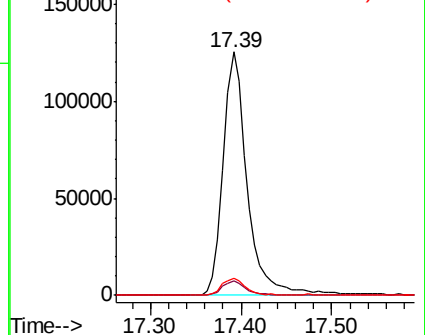
80 7.1 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036084.D

Acq: 3 Aug 2018 7:50

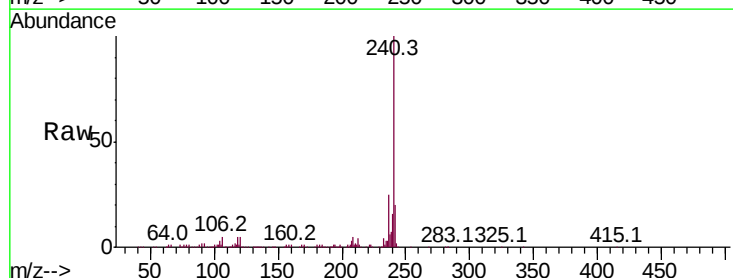
Tgt Ion:240 Resp: 268464

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

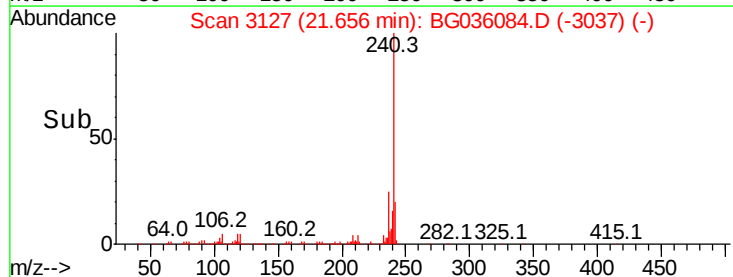
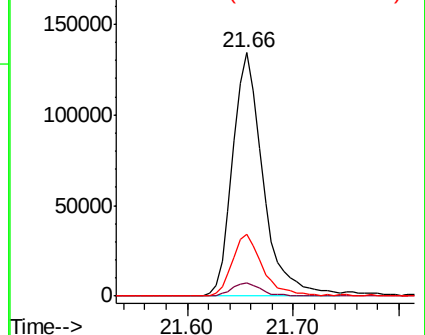
236 25.2 20.9 31.3

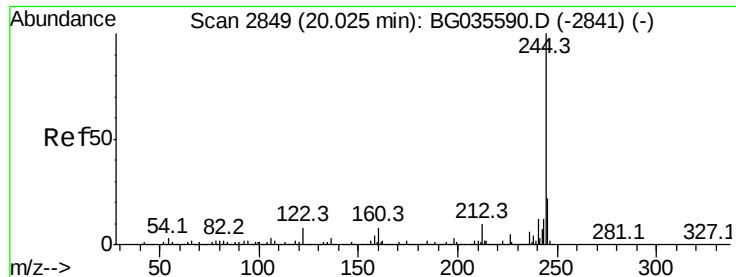


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.251 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036084.D

Acq: 3 Aug 2018 7:50

Instrument :

BNA_G

ClientSampleId :

PB111703BL

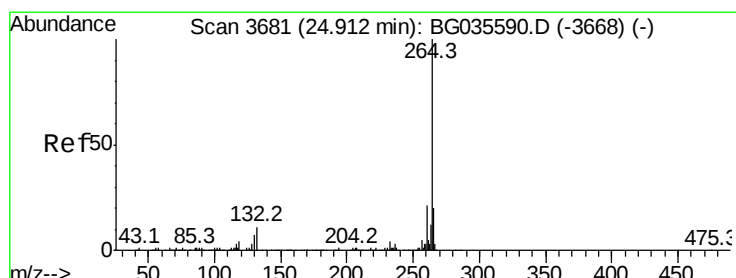
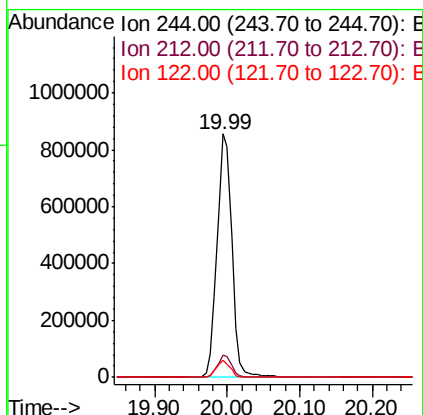
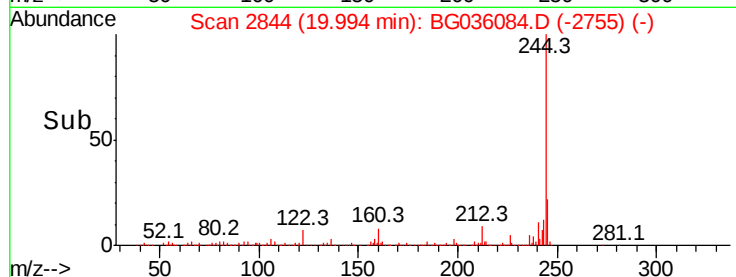
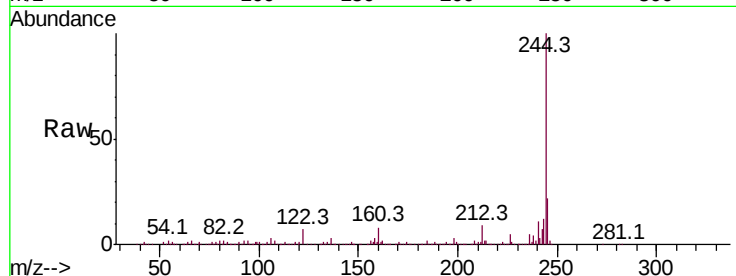
Tot Ion:244 Resp: 1220969

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

122 7.0 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: BG036084.D

Acq: 3 Aug 2018 7:50

Tgt Ion:264 Resp: 242658

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 24.0 17.7 26.5

