

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036044.D
 Acq On : 1 Aug 2018 21:49
 Operator : JU/SJ
 Sample : PB111659BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111659BL

Quant Time: Aug 02 08:48:23 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	31109	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	112455	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	83790	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	250481	20.00	ng	0.00
75) Chrysene-d12	21.65	240	285103	20.00	ng	0.00
86) Perylene-d12	24.85	264	269851	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	256665	136.98	ng	0.00
7) Phenol-d6	7.19	99	361536	129.32	ng	0.00
23) Nitrobenzene-d5	9.18	82	233870	86.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172431	156.13	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	562538	89.95	ng	0.00
78) Terphenyl-d14	20.00	244	1217335	94.12	ng	0.00

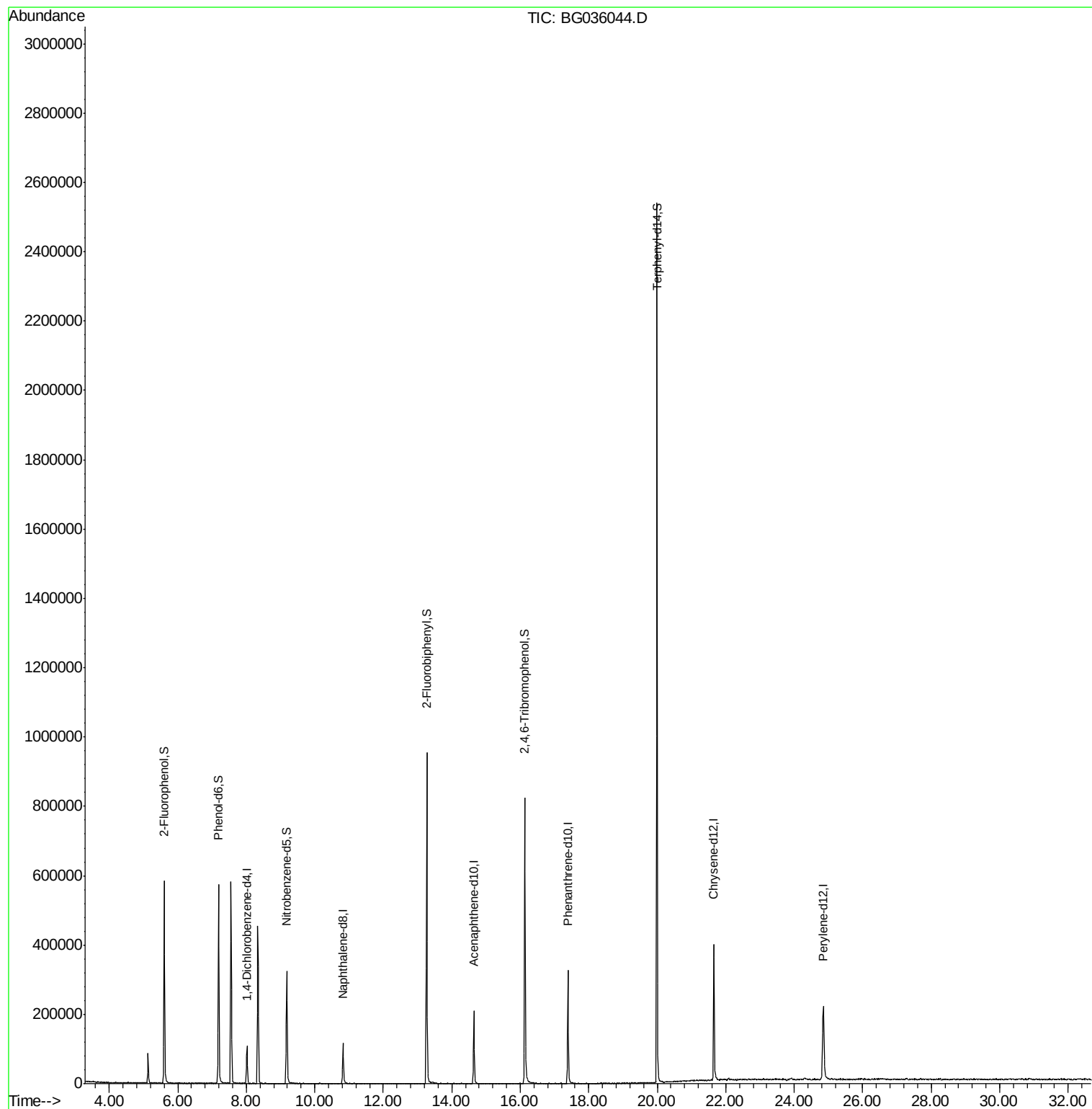
Target Compounds Qvalue

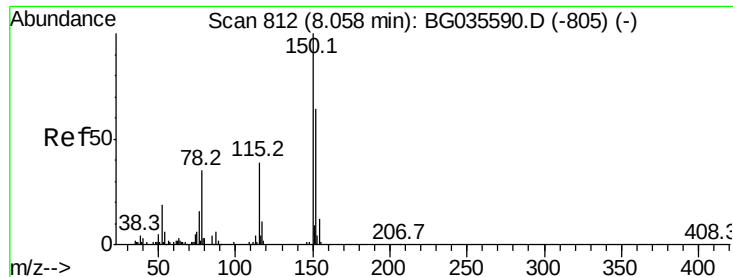
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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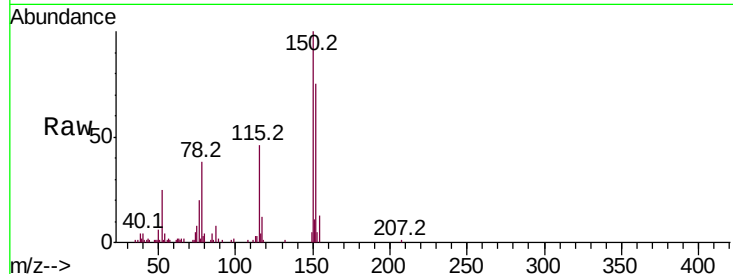


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :
PB111659BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.3	126.6	189.8
115	61.0	53.0	79.4

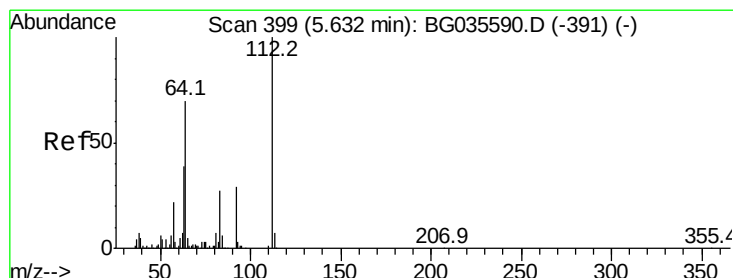
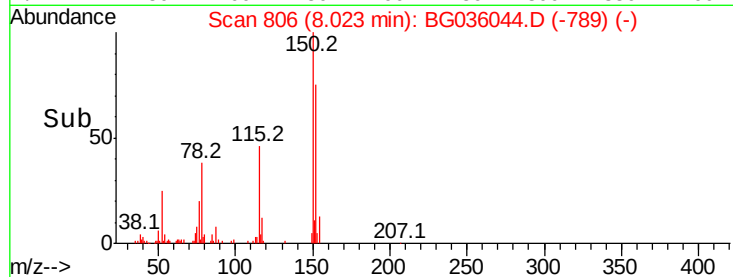
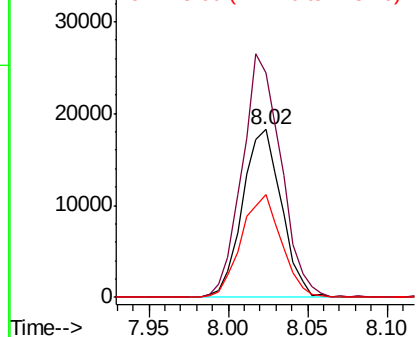


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

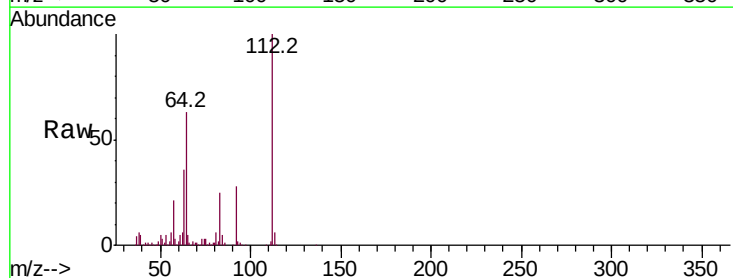
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.978 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	36.1	30.1	45.1

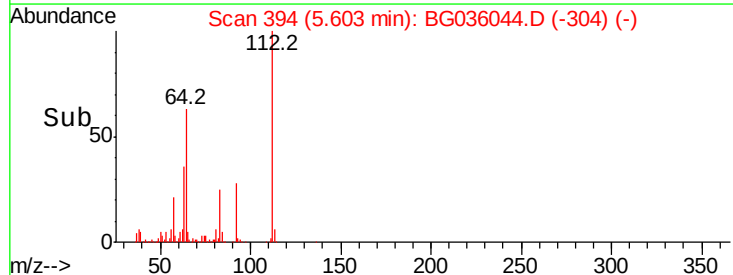
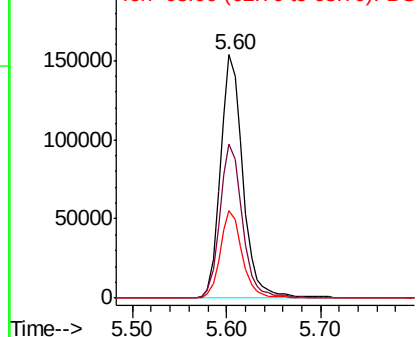


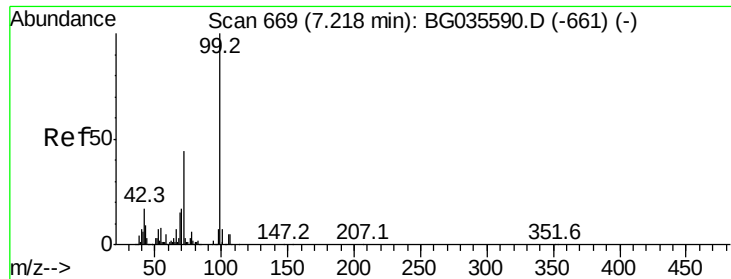
Abundance

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: 129.321 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036044.D

Acq: 1 Aug 2018 21:49

Instrument :

BNA_G

ClientSampleId :

PB111659BL

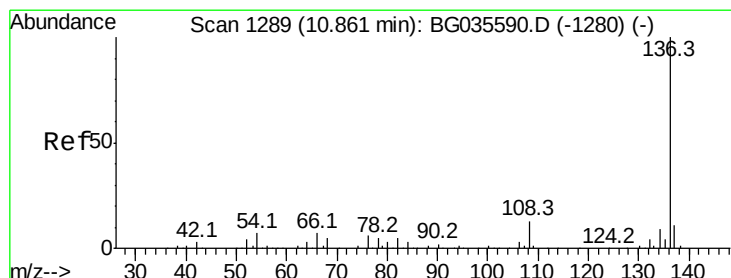
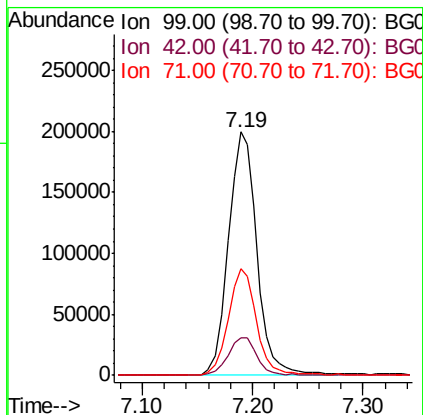
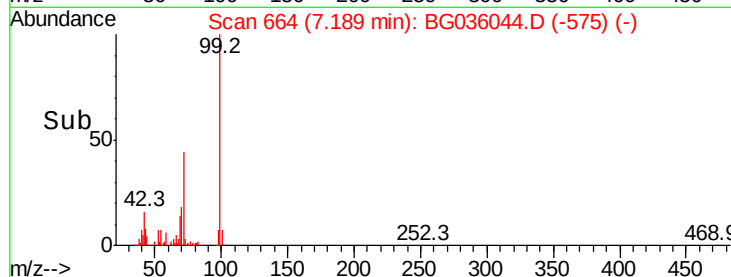
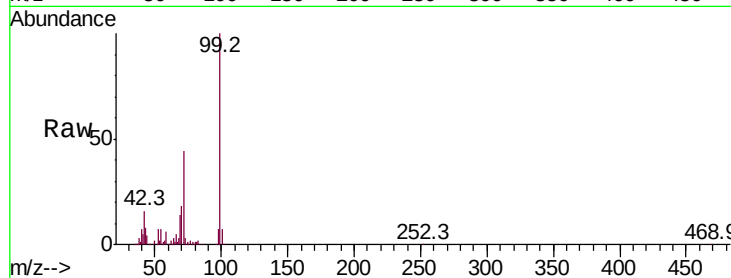
Tot Ion: 99 Resp: 361536

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 44.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036044.D

Acq: 1 Aug 2018 21:49

Tgt Ion: 136 Resp: 112455

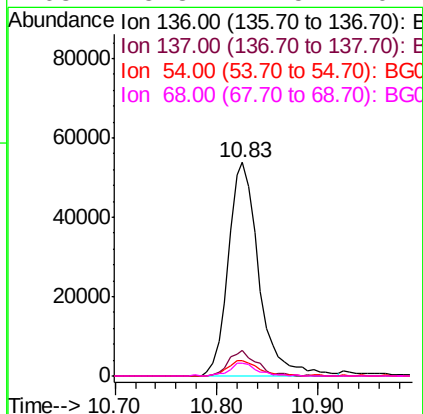
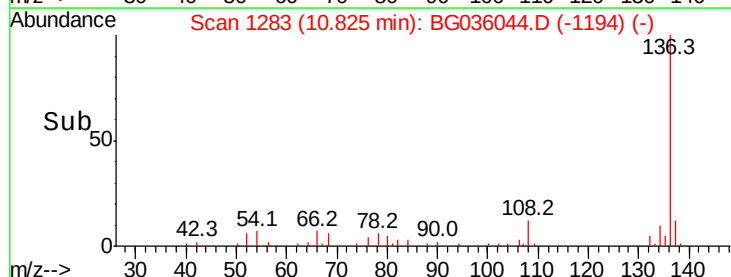
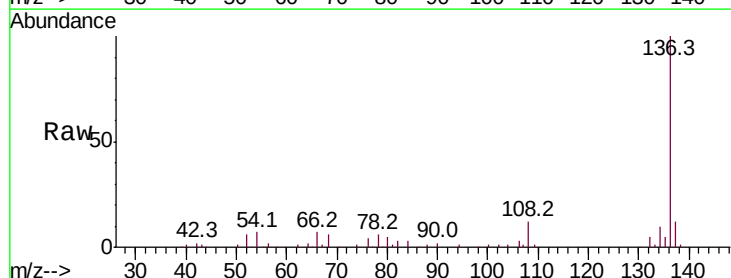
Ion Ratio Lower Upper

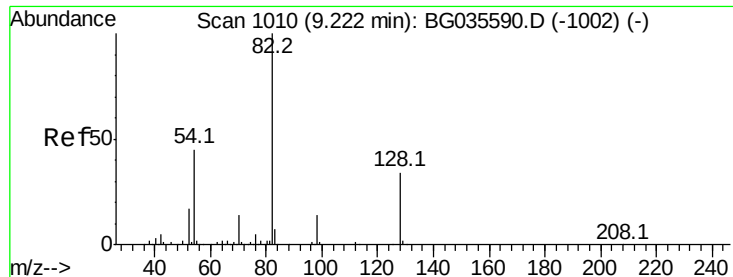
136 100

137 12.2 9.2 13.8

54 7.1 10.3 15.5#

68 5.8 4.5 6.7

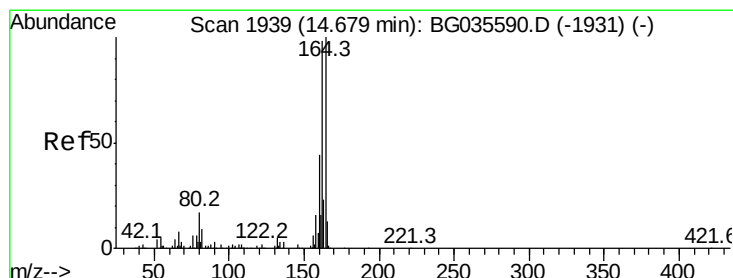
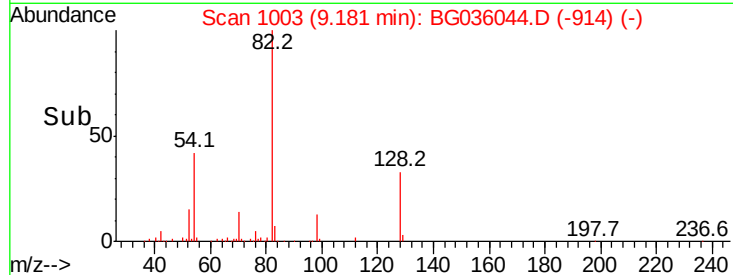
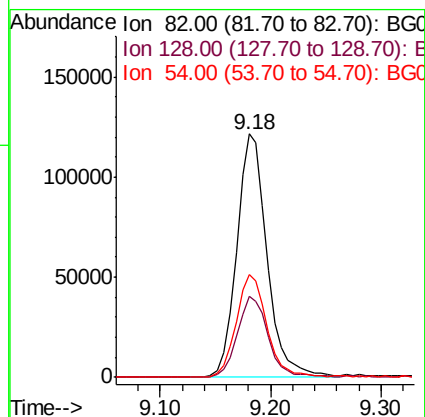
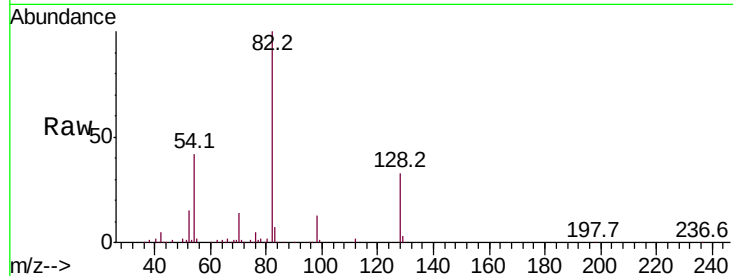




#23
 Nitrobenzene-d5
 Concen: 86.878 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

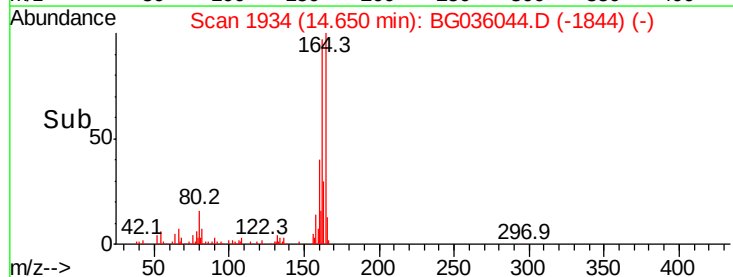
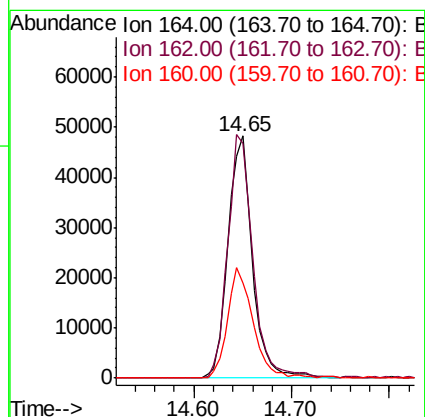
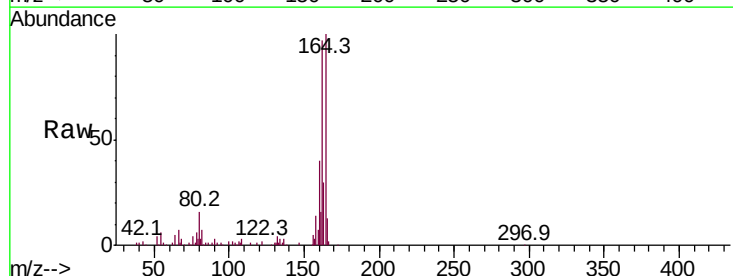
Instrument :
 BNA_G
 ClientSampleId :
 PB111659BL

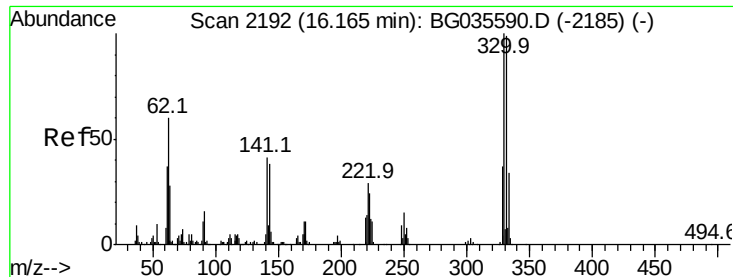
Tot Ion: 82 Resp: 233870
 Ion Ratio Lower Upper
 82 100
 128 33.4 29.7 44.5
 54 42.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

Tgt Ion:164 Resp: 83790
 Ion Ratio Lower Upper
 164 100
 162 97.0 78.8 118.2
 160 39.6 35.4 53.0

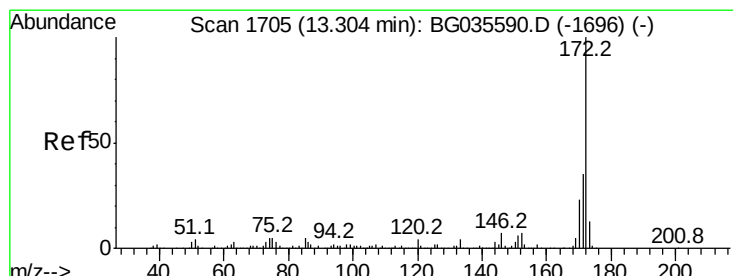
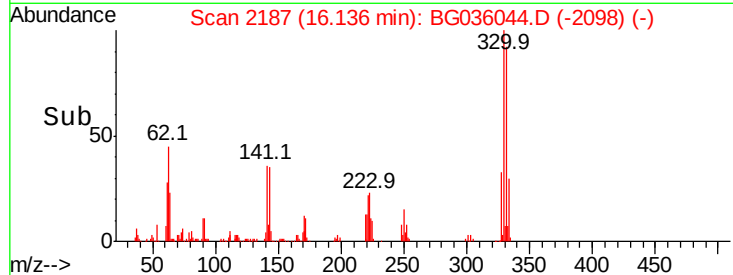
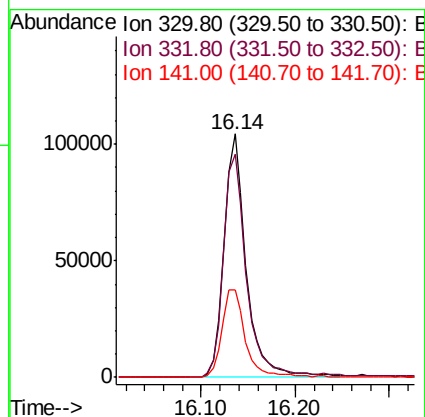
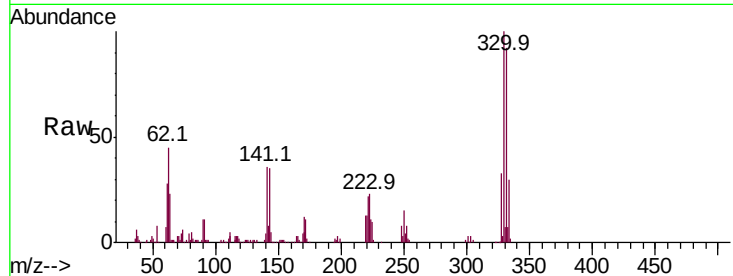




#41
 2,4,6-Tribromophenol
 Concen: 156.130 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

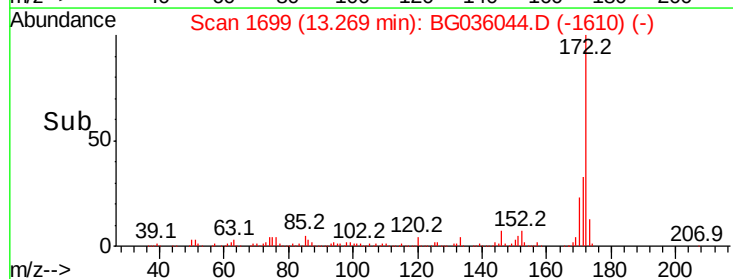
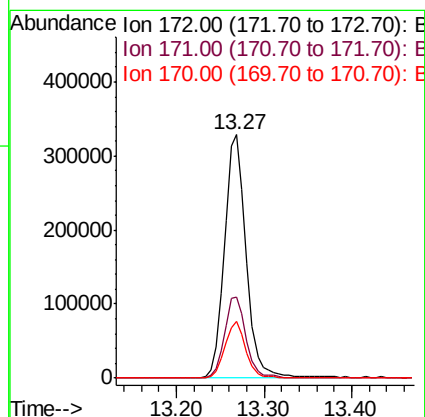
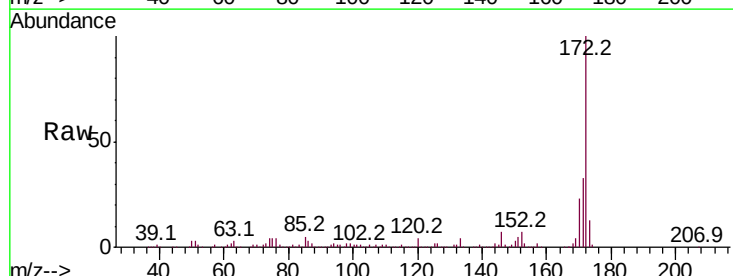
Instrument :
 BNA_G
 ClientSampled :
 PB111659BL

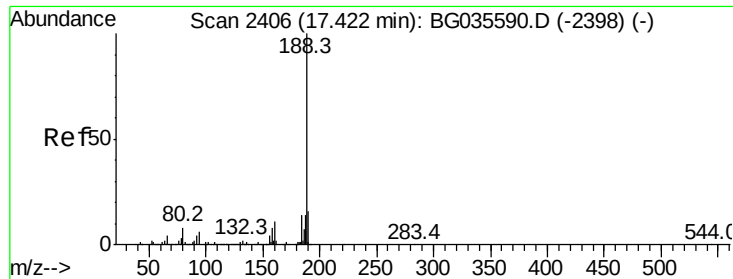
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.946 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	23.3	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: BG036044.D

Acq: 1 Aug 2018 21:49

Instrument :

BNA_G

ClientSampleId :

PB111659BL

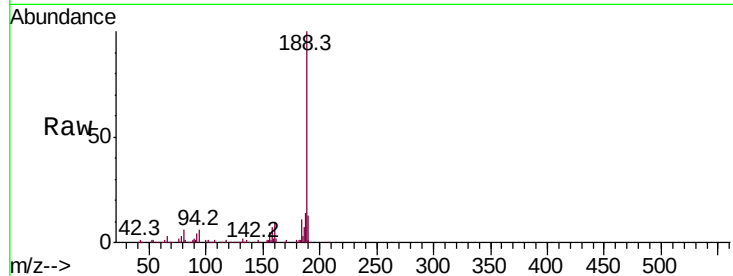
Tot Ion:188 Resp: 250481

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

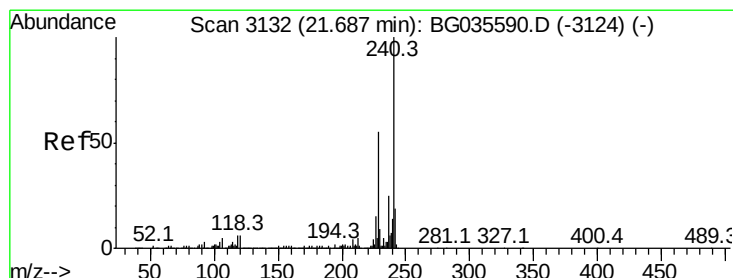
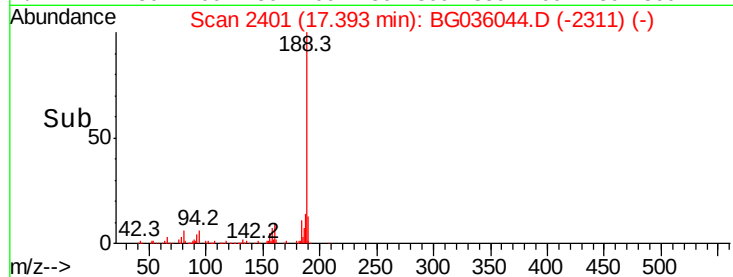
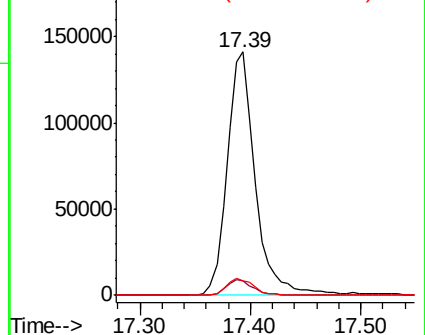
80 6.0 7.7 11.5#



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: BG036044.D

Acq: 1 Aug 2018 21:49

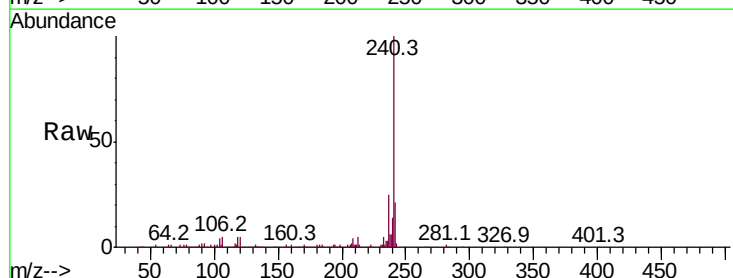
Tgt Ion:240 Resp: 285103

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

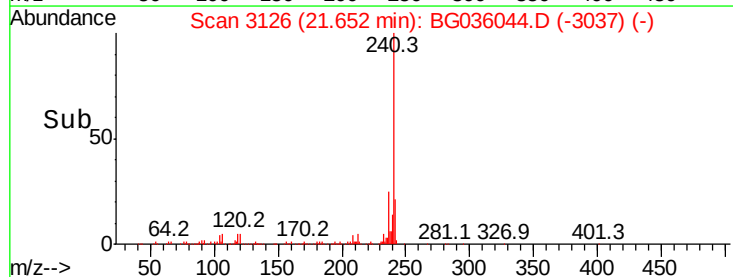
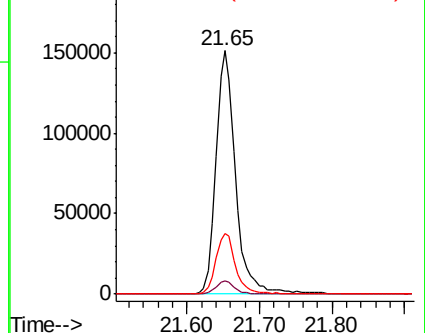
236 24.8 20.9 31.3

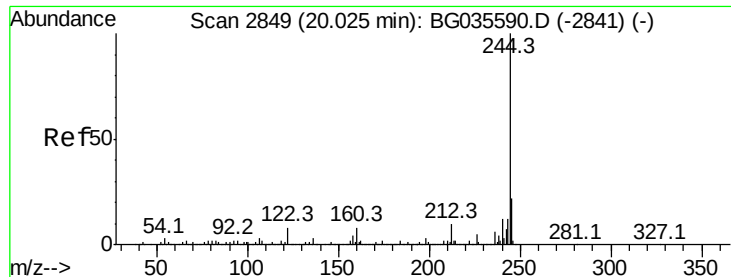


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

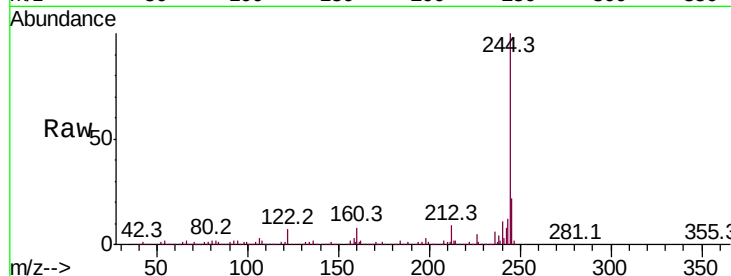




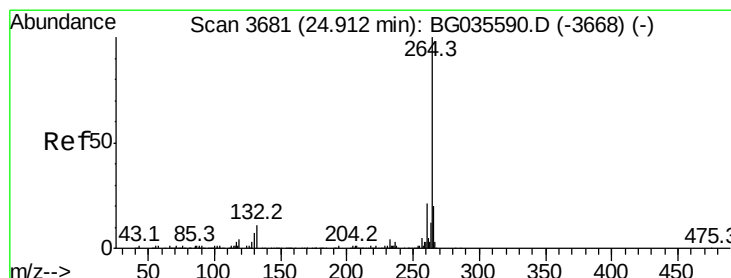
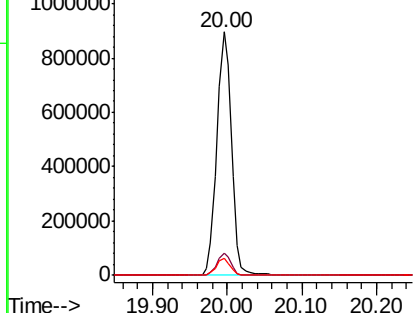
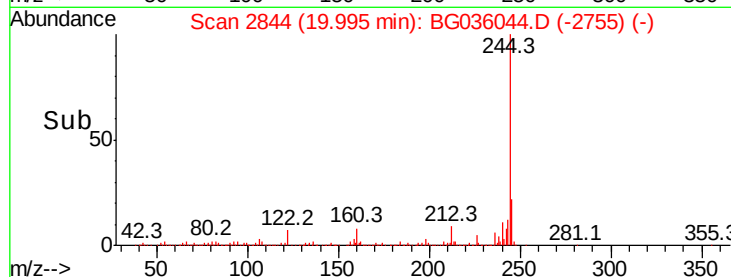
#78
 Terphenyl-d14
 Concen: 94.119 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

Instrument :
 BNA_G
 ClientSampleId :
 PB111659BL

Tot Ion:244 Resp: 1217335
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 7.1 7.0 10.4

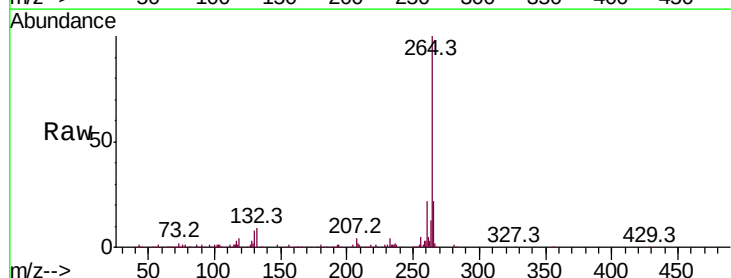


Abundance Ion 244.00 (243.70 to 244.70): E
 1200000
 Ion 212.00 (211.70 to 212.70): E
 1000000
 Ion 122.00 (121.70 to 122.70): E
 800000
 600000
 400000
 200000
 0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036044.D
 Acq: 1 Aug 2018 21:49

Tgt Ion:264 Resp: 269851
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.4 26.0
 265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 100000
 Ion 260.00 (259.70 to 260.70): E
 80000
 Ion 265.00 (264.70 to 265.70): E
 60000
 40000
 20000
 0

