

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036049.D
 Acq On : 2 Aug 2018 1:46
 Operator : JU/SJ
 Sample : PB111535TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

Quant Time: Aug 02 09:01:08 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	33431	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	115387	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	82776	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261282	20.00	ng	0.00
75) Chrysene-d12	21.65	240	320563	20.00	ng	0.00
86) Perylene-d12	24.86	264	296390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253161	125.72	ng	0.00
7) Phenol-d6	7.19	99	343464	114.32	ng	0.00
23) Nitrobenzene-d5	9.18	82	228884	82.87	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	165980	152.13	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	541821	87.69	ng	-0.01
78) Terphenyl-d14	20.00	244	1276137	87.75	ng	0.00

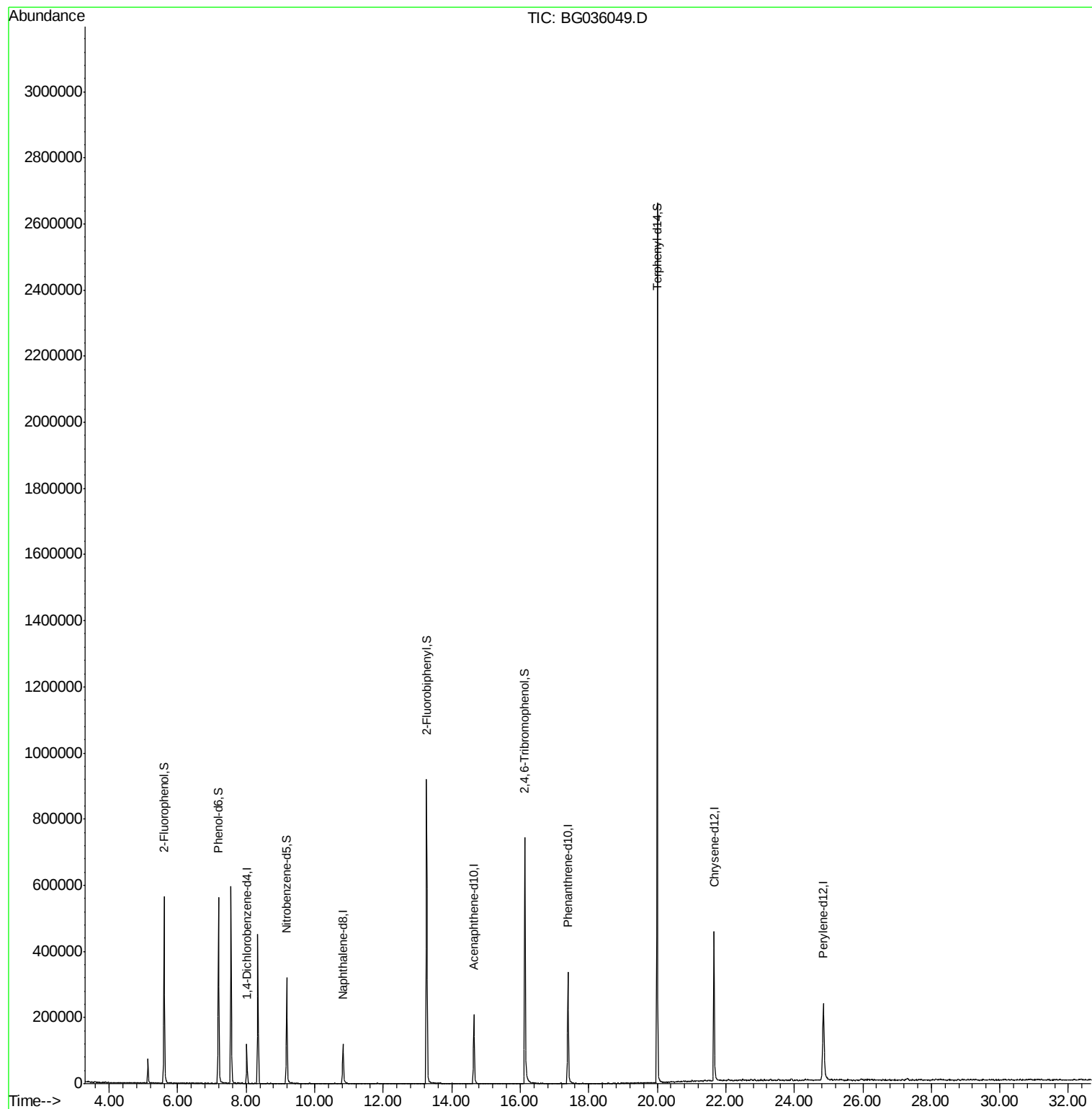
Target Compounds Qvalue

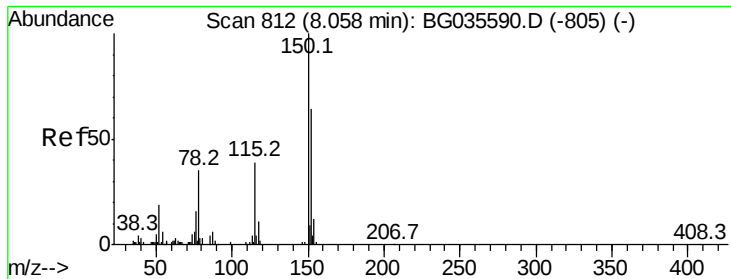
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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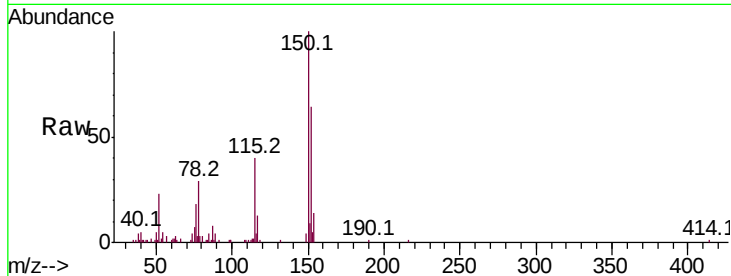


#1

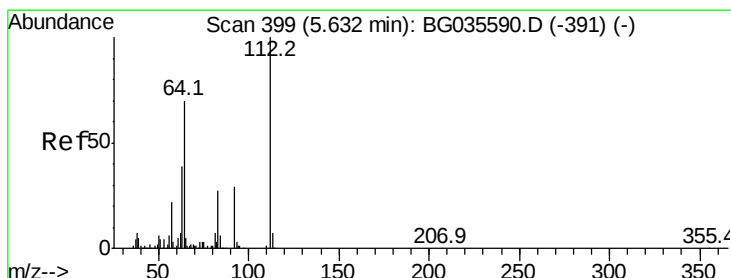
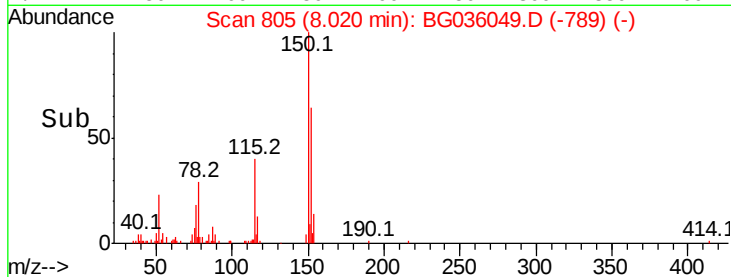
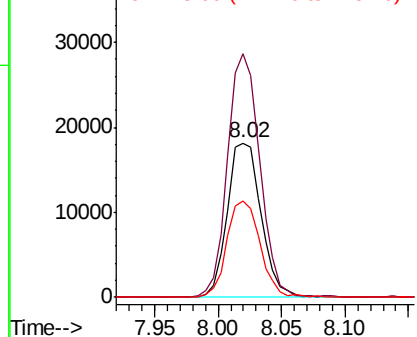
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036049.D
Acq: 2 Aug 2018 1:46

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tot Ion:152 Resp: 33431
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 62.2 53.0 79.4



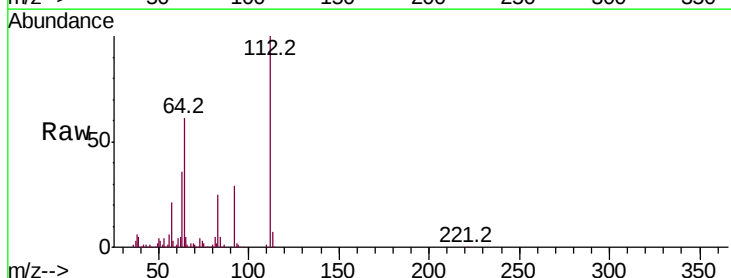
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



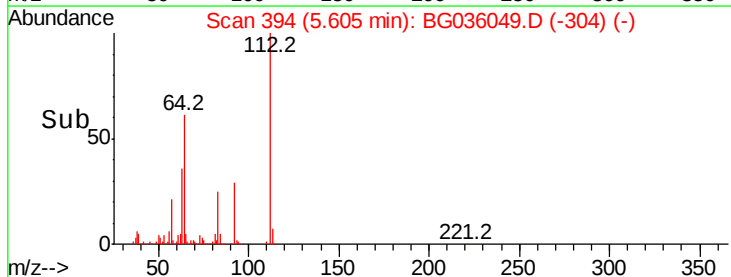
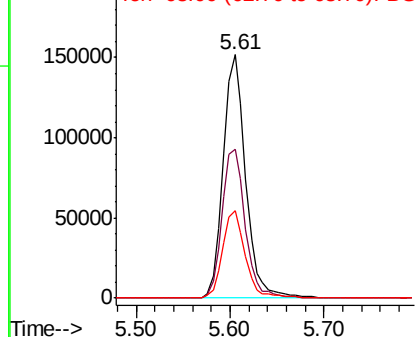
#5

2-Fluorophenol
Concen: 125.724 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036049.D
Acq: 2 Aug 2018 1:46

Tgt Ion:112 Resp: 253161
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 36.0 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: 114.324 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

Instrument :

BNA_G

ClientSampled :

PB111535TB

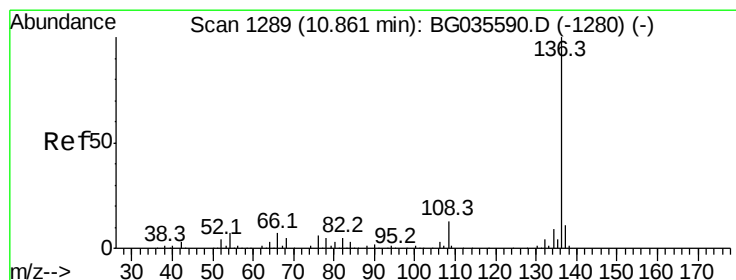
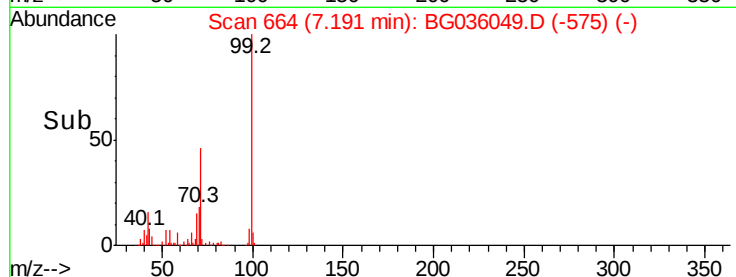
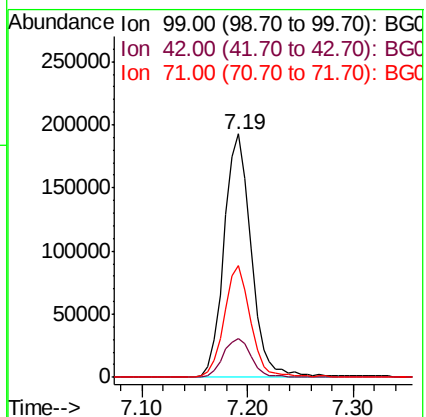
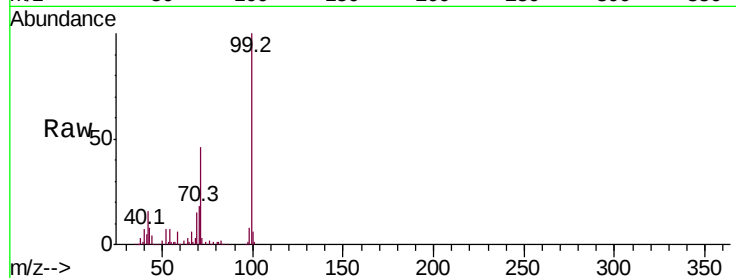
Tot Ion: 99 Resp: 343464

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 45.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

Tgt Ion: 136 Resp: 115387

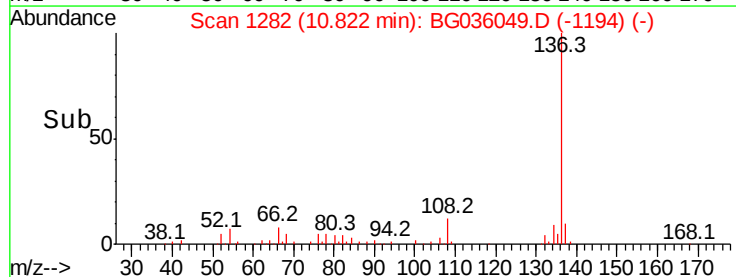
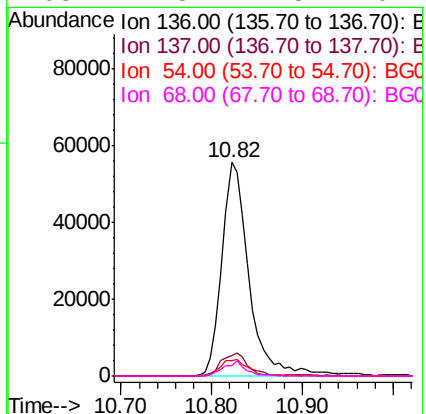
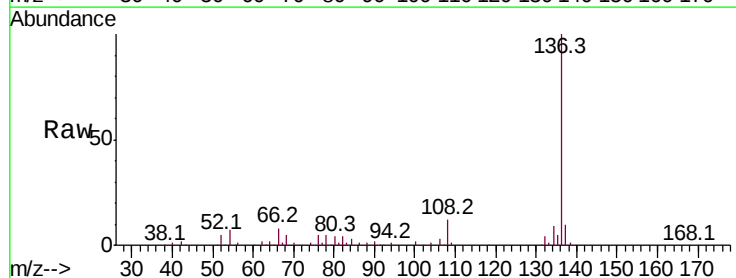
Ion Ratio Lower Upper

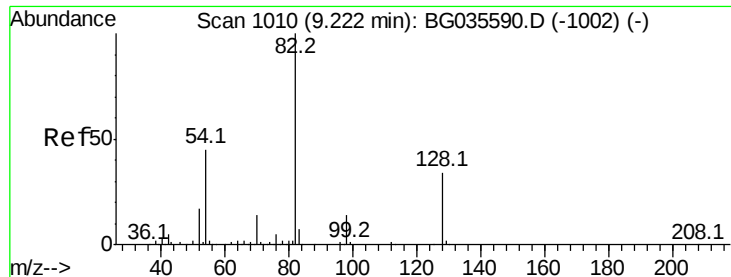
136 100

137 9.7 9.2 13.8

54 7.3 10.3 15.5#

68 4.8 4.5 6.7

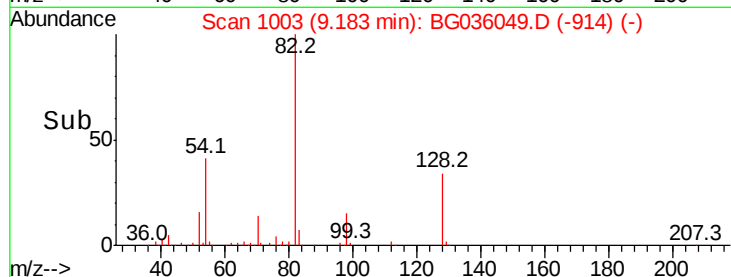
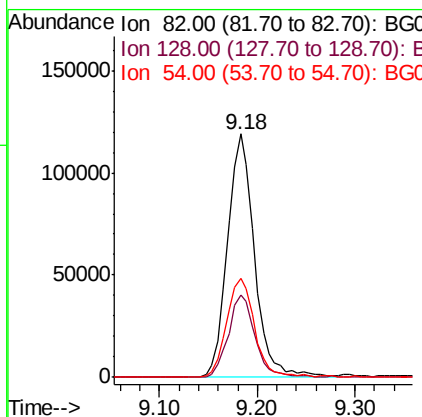
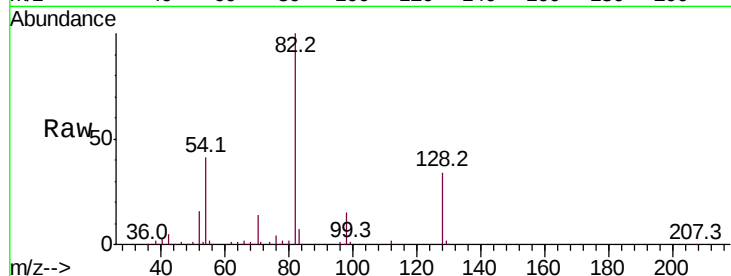




#23
 Nitrobenzene-d5
 Concen: 82.865 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036049.D
 Acq: 2 Aug 2018 1:46

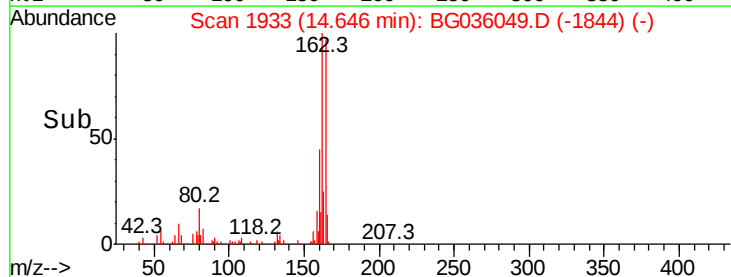
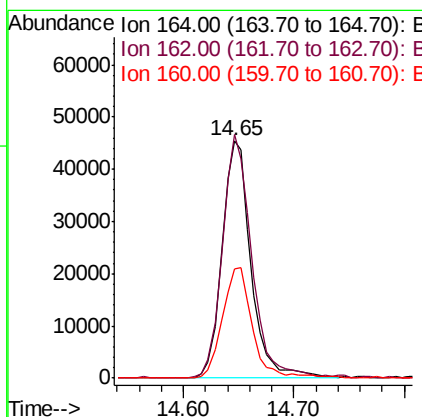
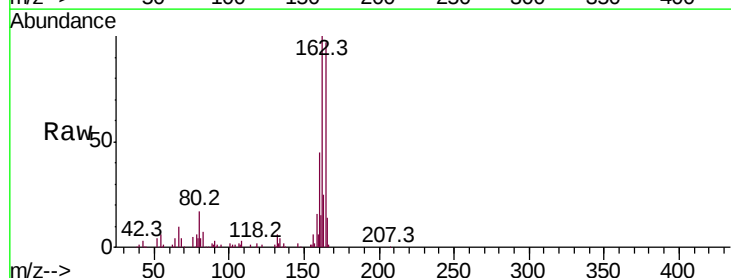
Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	40.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG036049.D
 Acq: 2 Aug 2018 1:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	45.9	35.4	53.0

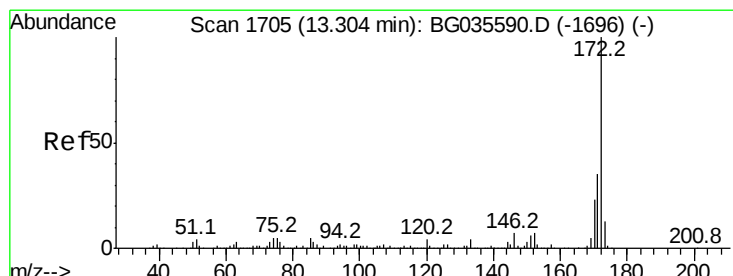
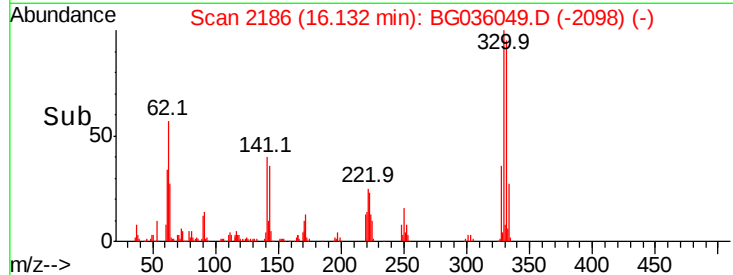
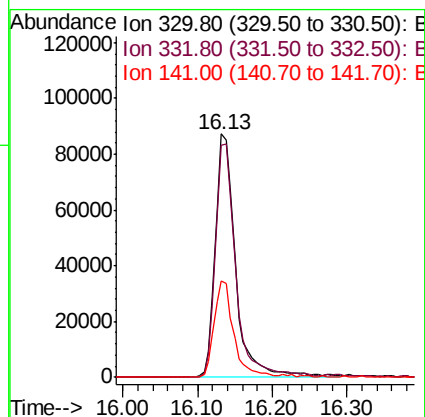
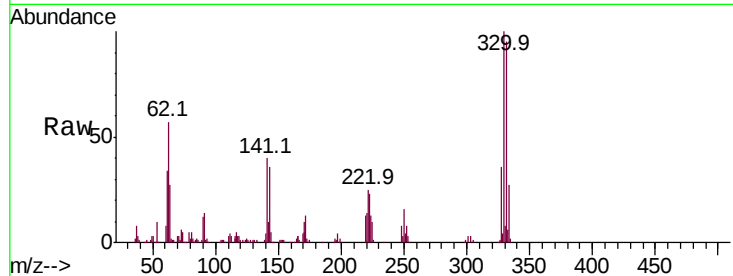




#41
 2,4,6-Tribromophenol
 Concen: 152.130 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036049.D
 Acq: 2 Aug 2018 1:46

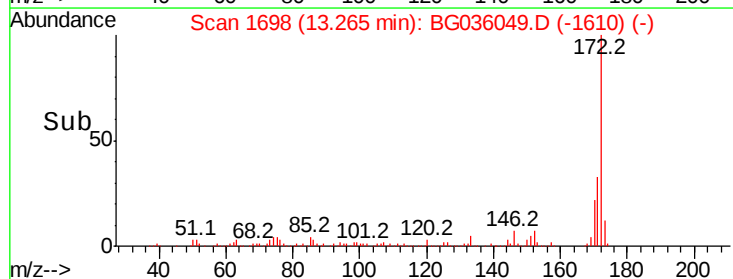
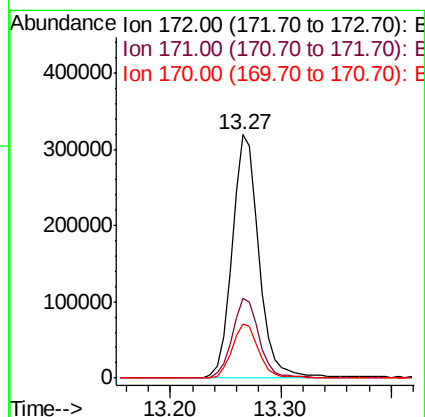
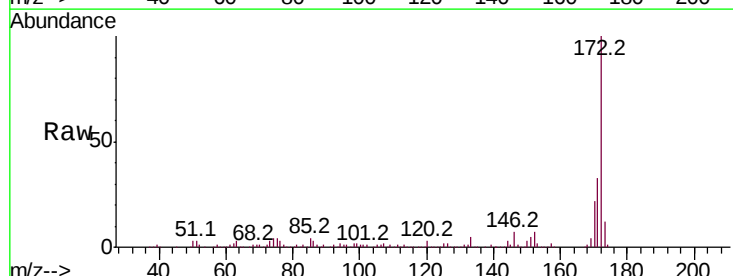
Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 87.694 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036049.D
 Acq: 2 Aug 2018 1:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.5	30.0	45.0
170	22.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

Instrument :

BNA_G

ClientSampleId :

PB111535TB

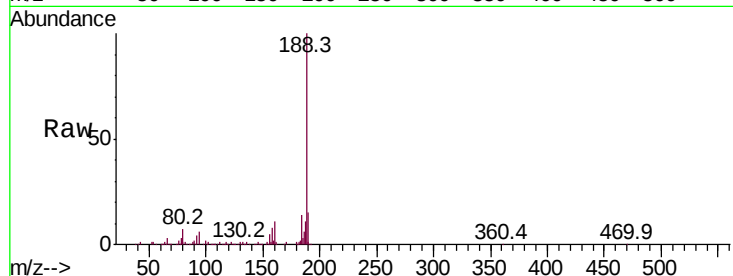
Tot Ion:188 Resp: 261282

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

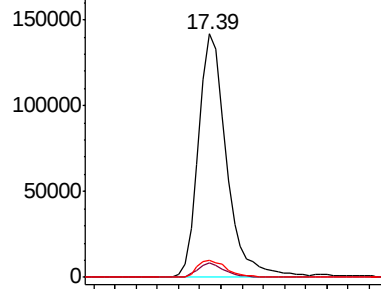
80 7.0 7.7 11.5#



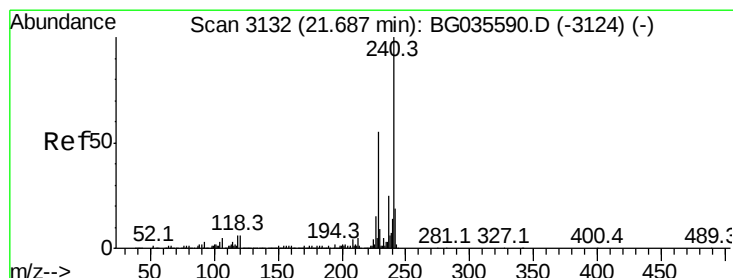
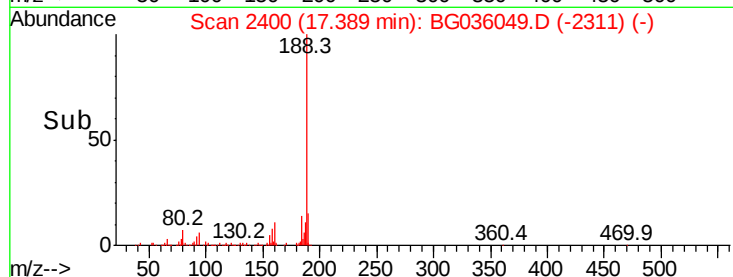
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

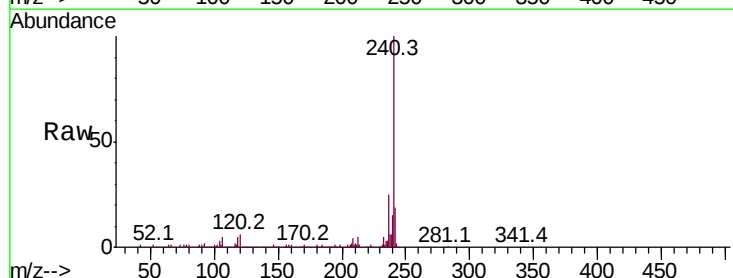
Tgt Ion:240 Resp: 320563

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

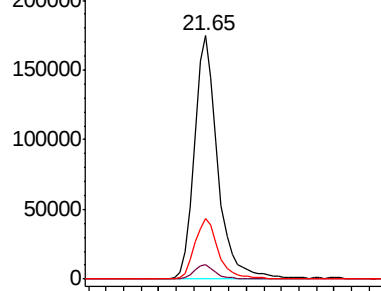
236 24.9 20.9 31.3



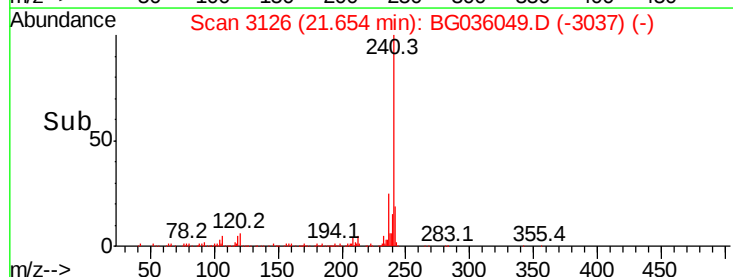
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 87.752 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

Instrument :

BNA_G

ClientSampleId :

PB111535TB

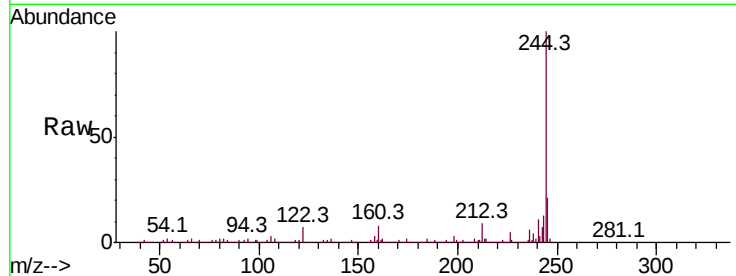
Tot Ion:244 Resp: 1276137

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

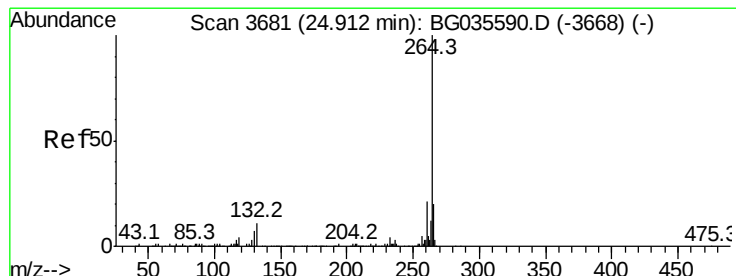
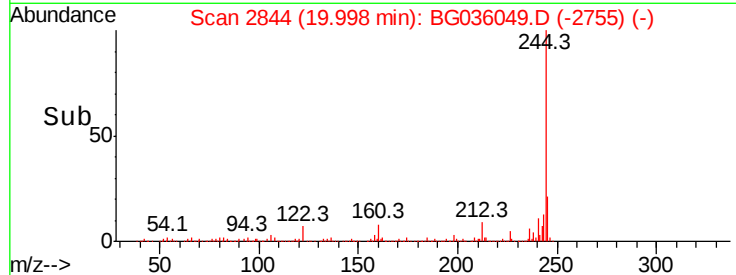
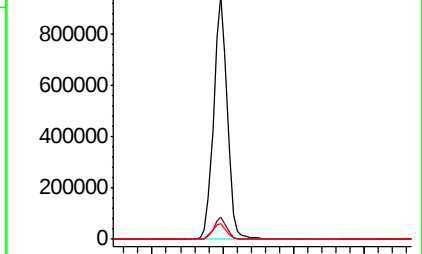
122 6.7 7.0 10.4#



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# 3671

Delta R.T. -0.00 min

Lab File: BG036049.D

Acq: 2 Aug 2018 1:46

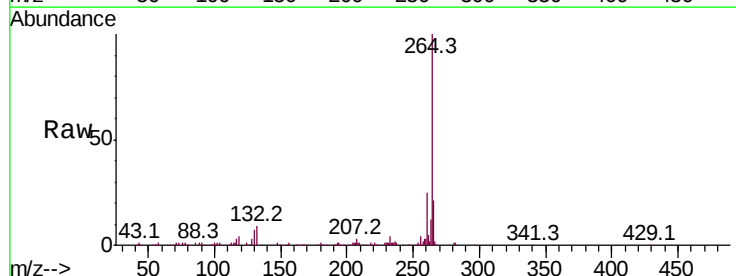
Tgt Ion:264 Resp: 296390

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 20.6 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

