

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036079.D
 Acq On : 3 Aug 2018 4:35
 Operator : JU/SJ
 Sample : J4285-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

Quant Time: Aug 03 07:51:26 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	29292	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	98625	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	72858	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	215021	20.00	ng	0.00
75) Chrysene-d12	21.66	240	242879	20.00	ng	0.00
86) Perylene-d12	24.85	264	229184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	255724	144.94	ng	0.00
7) Phenol-d6	7.19	99	324545	123.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	260203	110.21	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	164138	170.92	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	569839	104.78	ng	0.00
78) Terphenyl-d14	20.00	244	1267269	115.01	ng	0.00

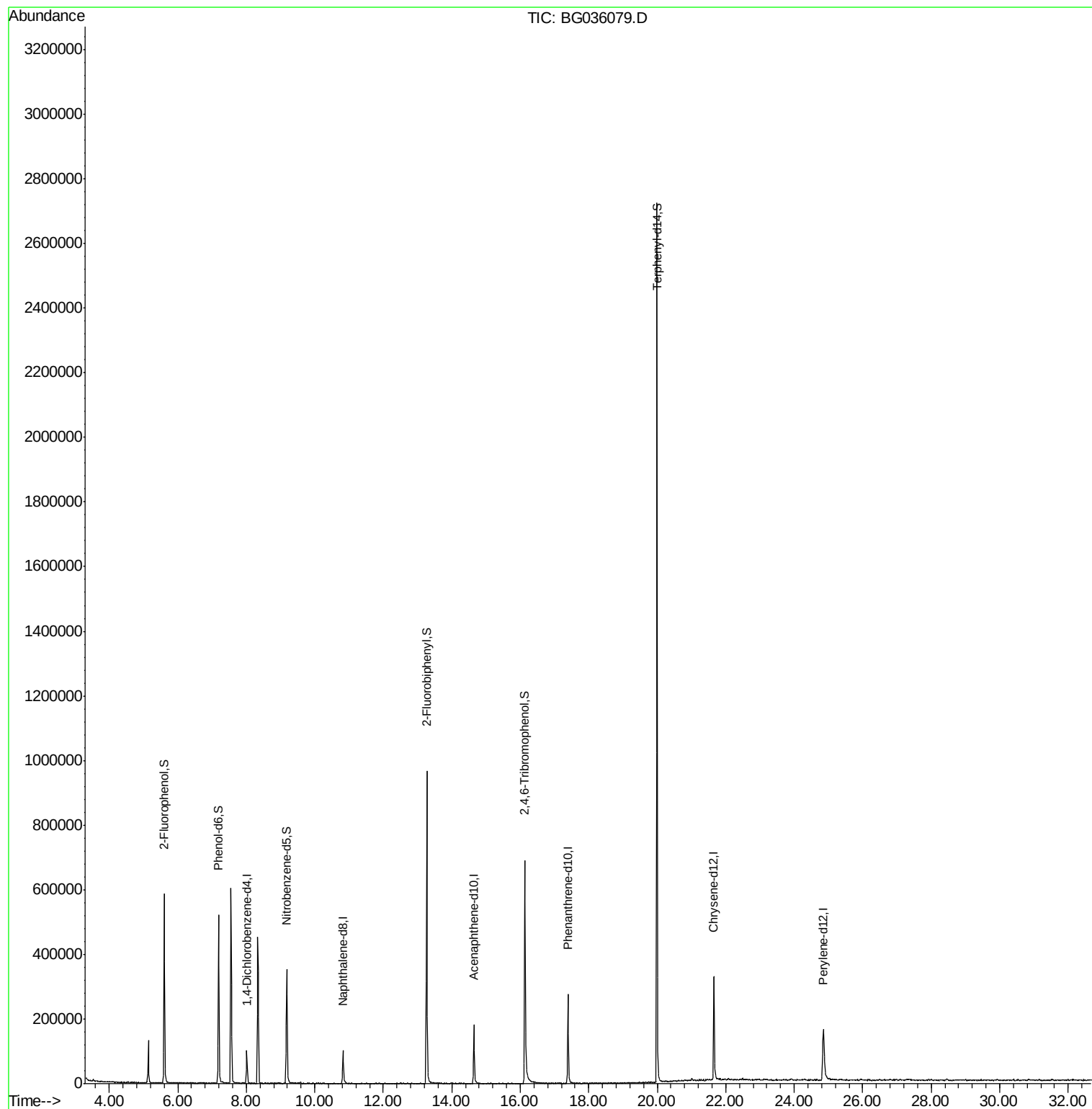
Target Compounds Qvalue

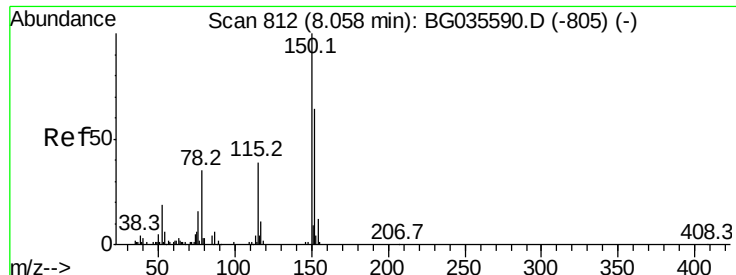
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

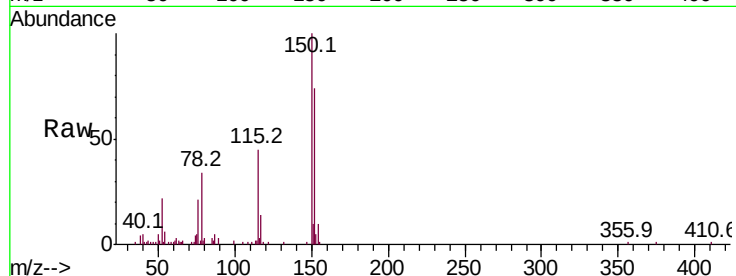
Tot Ion:152 Resp: 29292

Ion Ratio Lower Upper

152 100

150 136.0 126.6 189.8

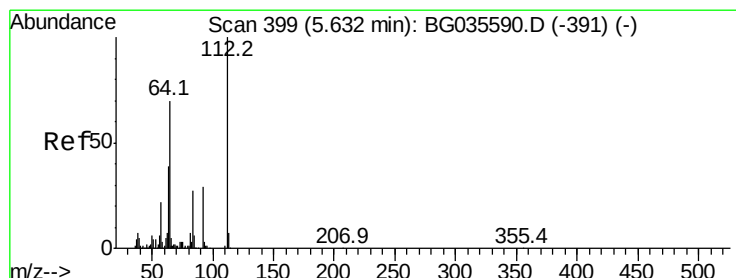
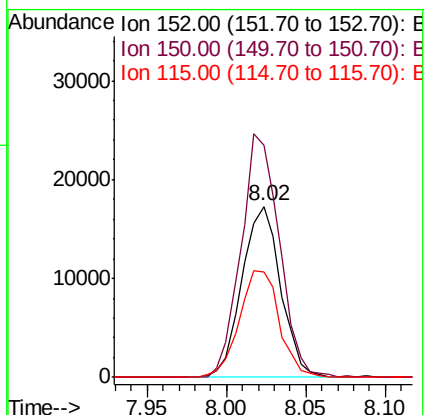
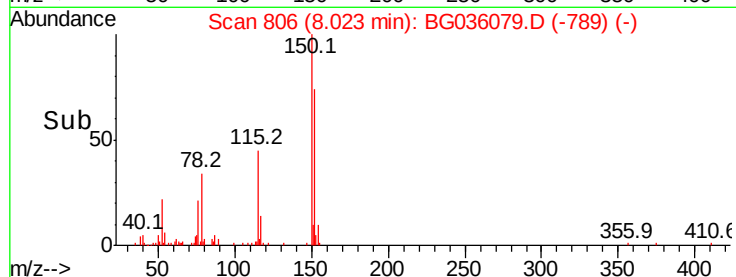
115 61.7 53.0 79.4



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: 144.941 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

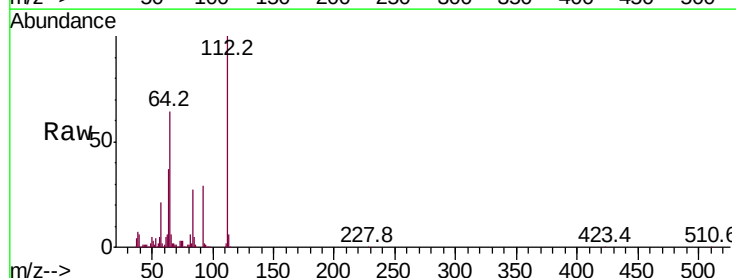
Tgt Ion:112 Resp: 255724

Ion Ratio Lower Upper

112 100

64 64.4 56.3 84.5

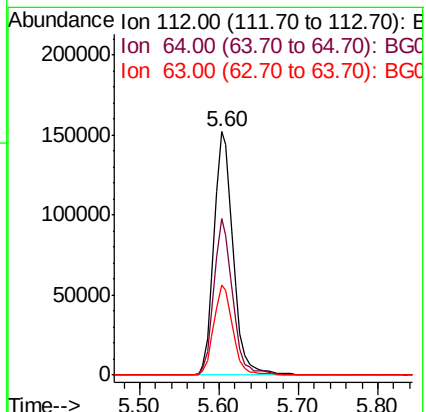
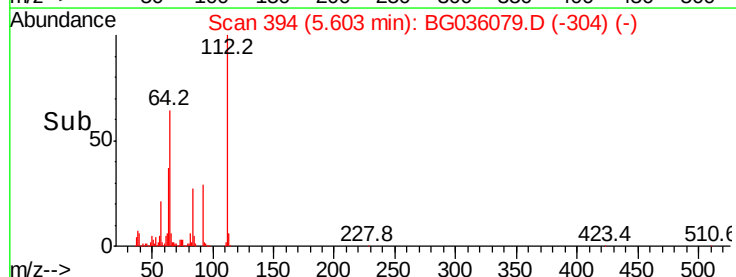
63 36.8 30.1 45.1

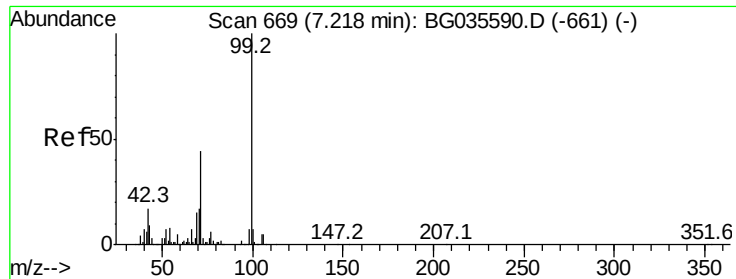


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.291 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

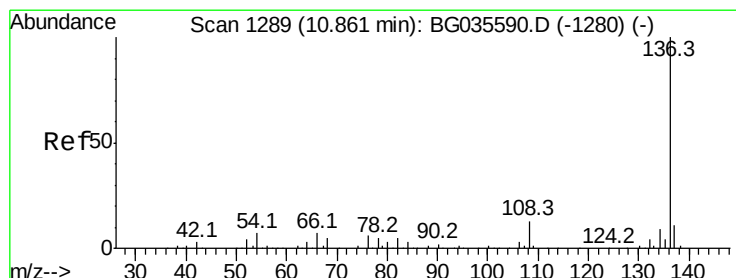
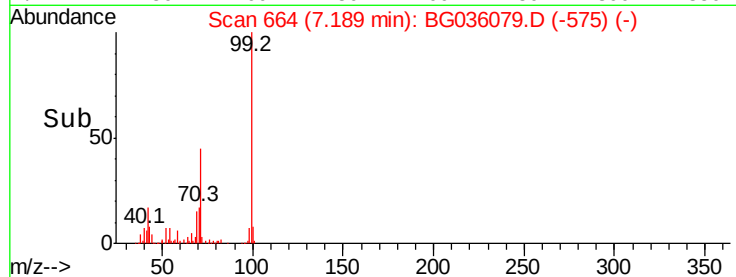
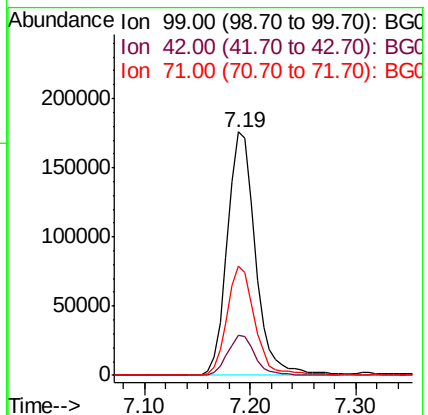
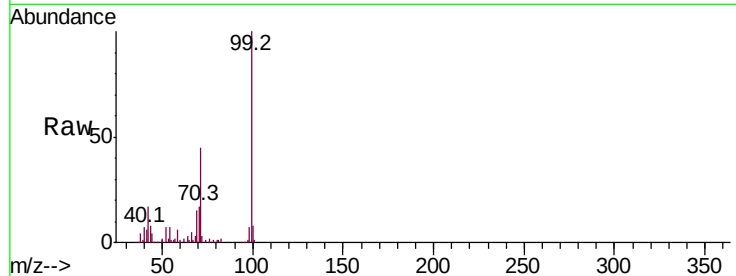
Tot Ion: 99 Resp: 324545

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 45.0 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: BG036079.D

Acq: 3 Aug 2018 4:35

Tgt Ion:136 Resp: 98625

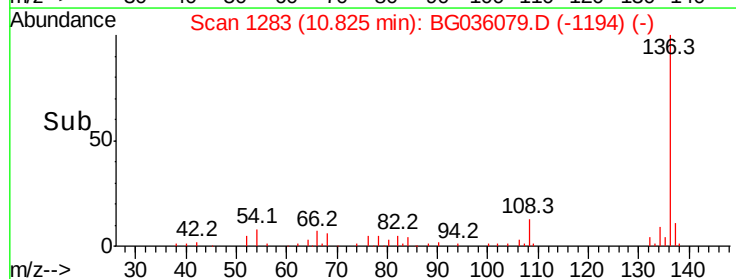
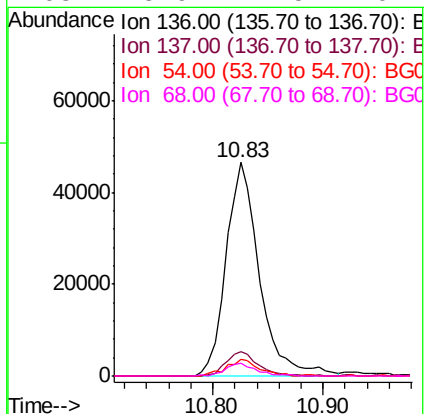
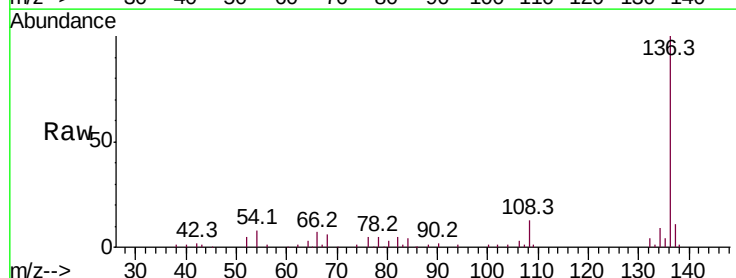
Ion Ratio Lower Upper

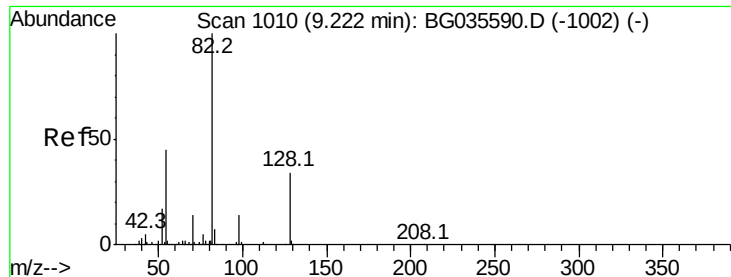
136 100

137 11.2 9.2 13.8

54 7.9 10.3 15.5#

68 5.9 4.5 6.7

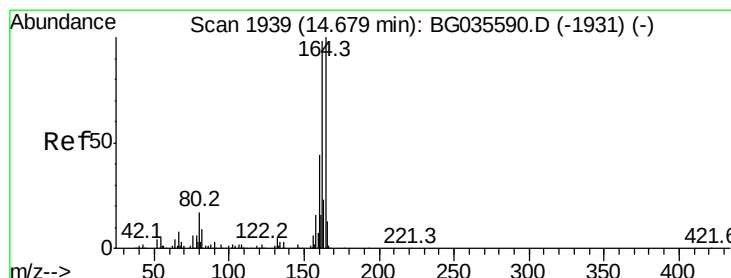
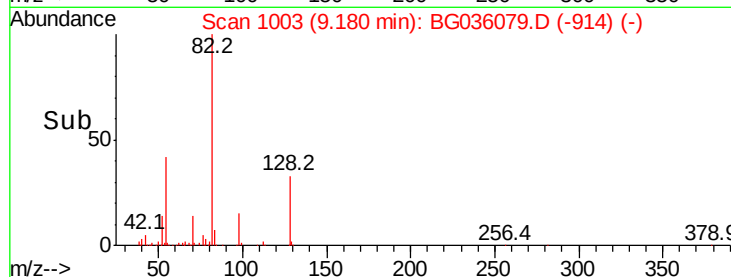
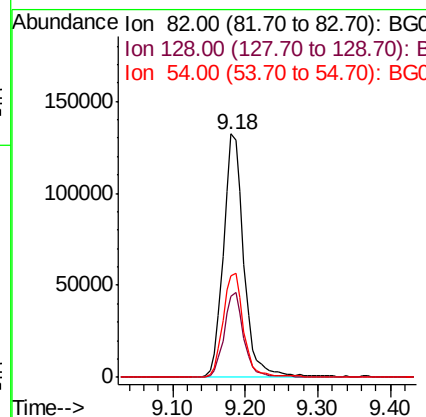
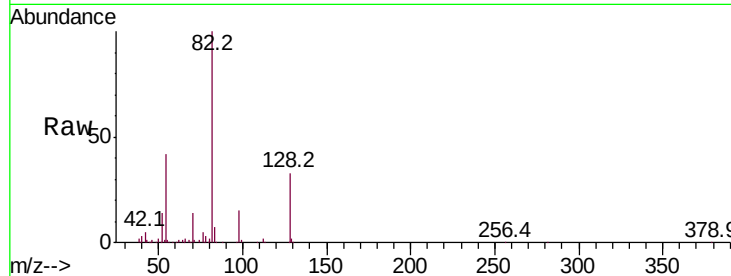




#23
 Nitrobenzene-d5
 Concen: 110.215 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

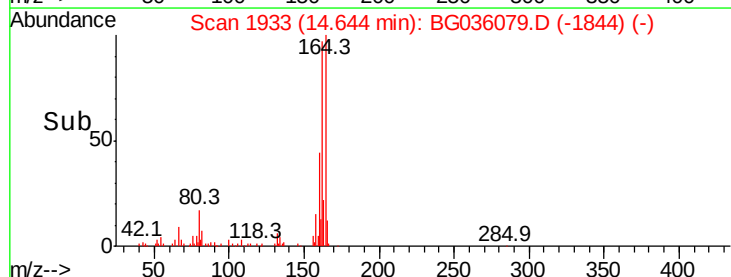
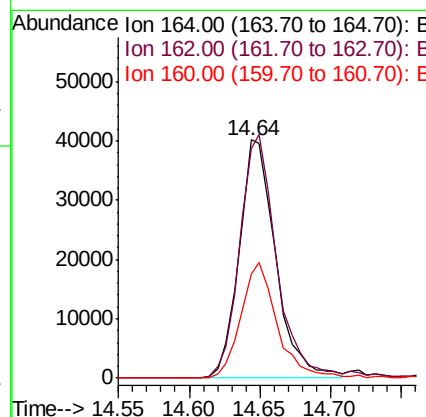
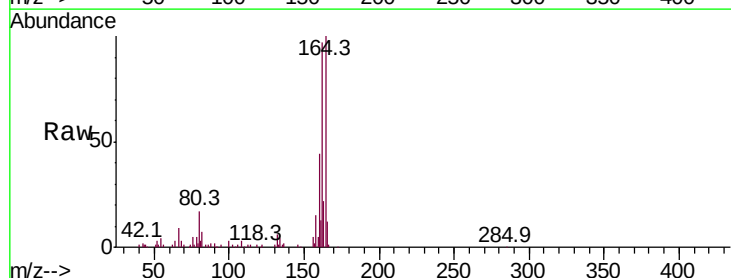
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

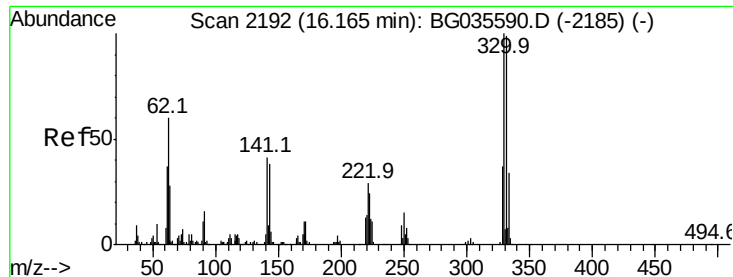
Tot Ion: 82 Resp: 260203
 Ion Ratio Lower Upper
 82 100
 128 33.5 29.7 44.5
 54 41.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion:164 Resp: 72858
 Ion Ratio Lower Upper
 164 100
 162 96.7 78.8 118.2
 160 43.7 35.4 53.0

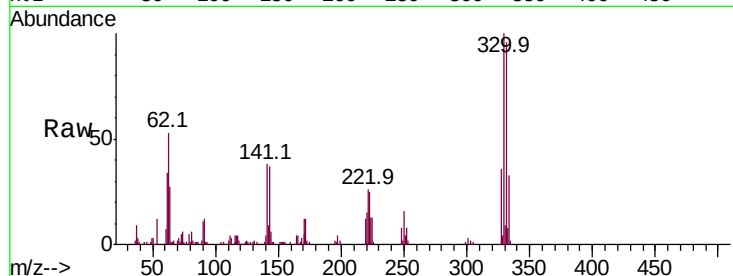




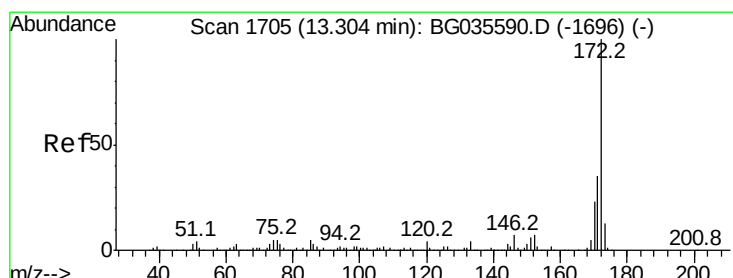
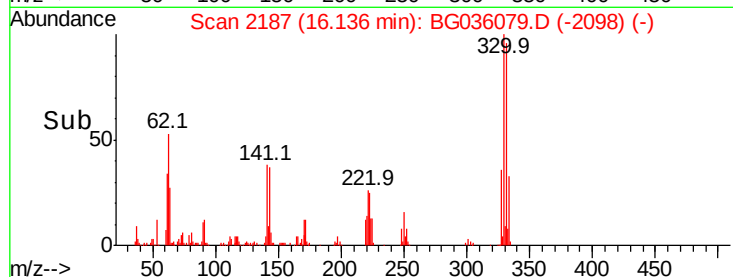
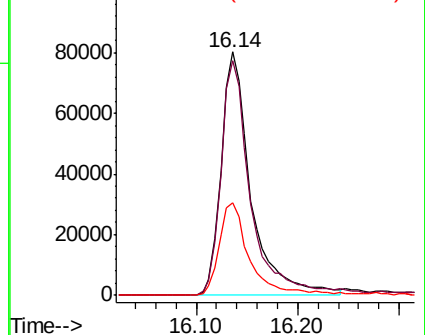
#41
 2,4,6-Tribromophenol
 Concen: 170.921 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampled :
 KG-PIT-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	39.1	25.2	37.8#

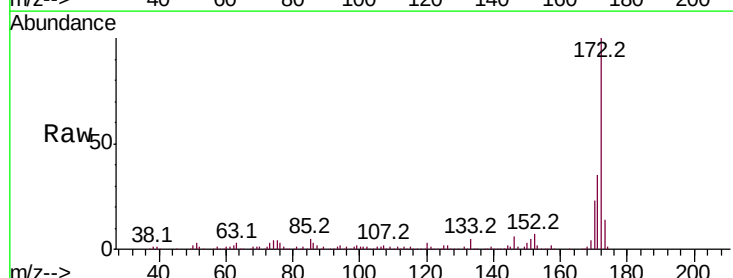


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

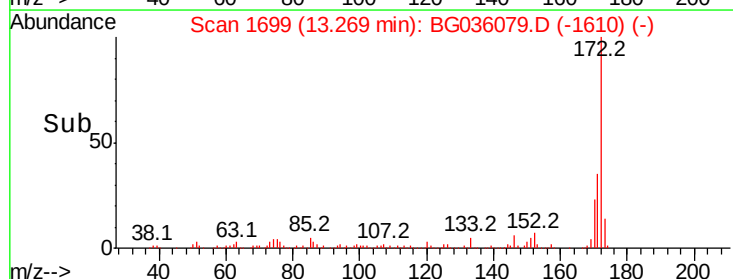
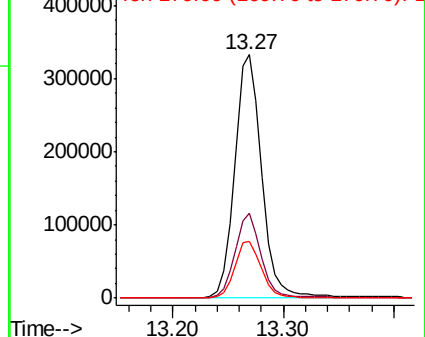


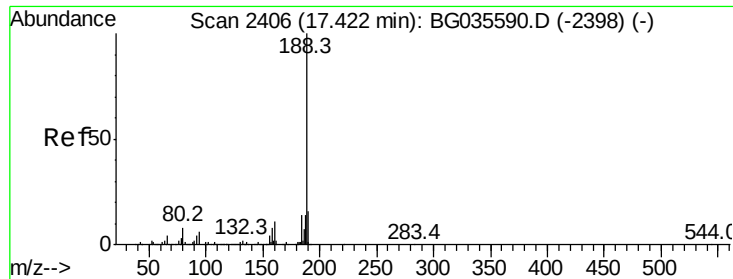
#44
 2-Fluorobiphenyl
 Concen: 104.784 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.3	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

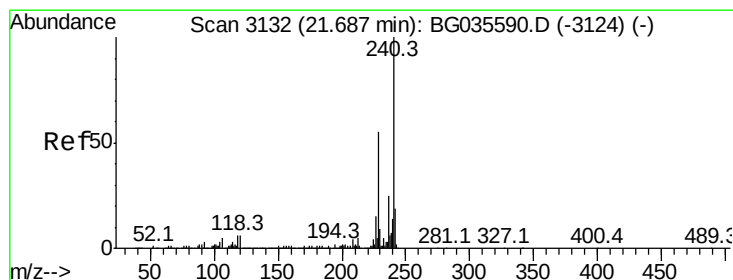
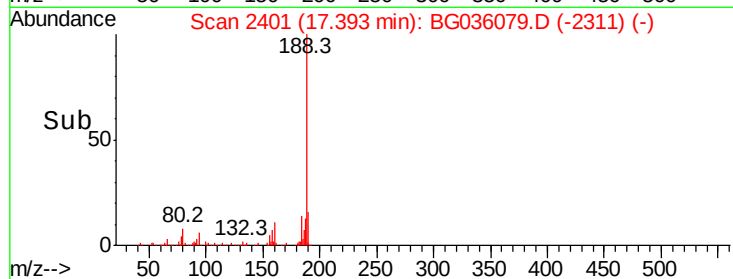
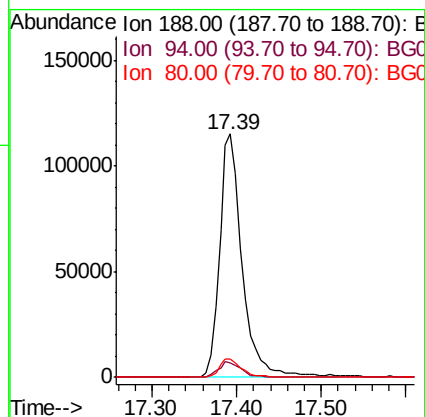
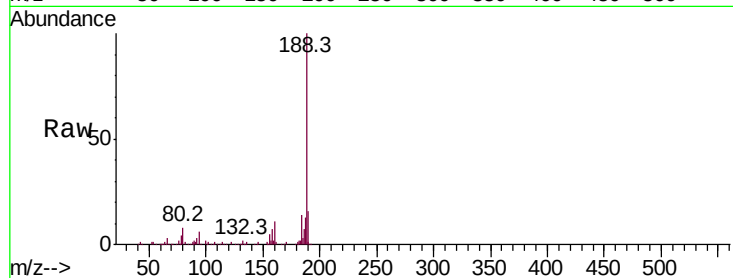




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

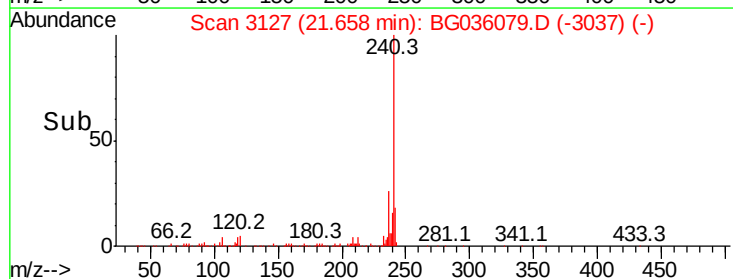
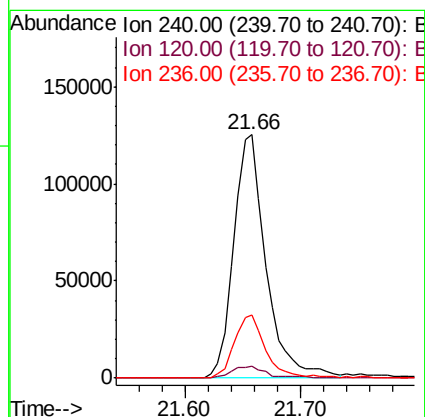
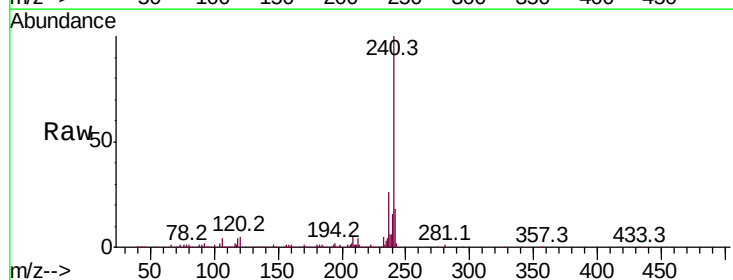
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

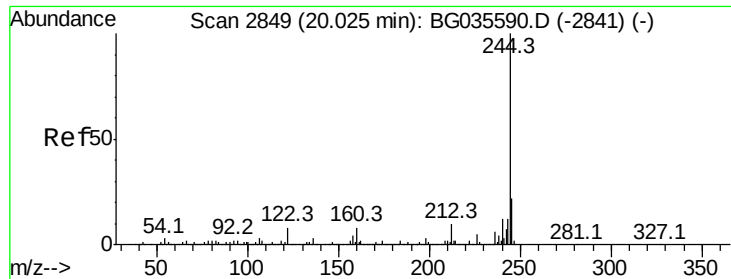
Tot Ion:188 Resp: 215021
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.6 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion:240 Resp: 242879
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 25.9 20.9 31.3

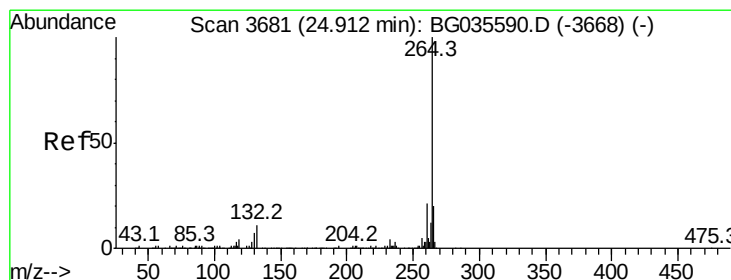
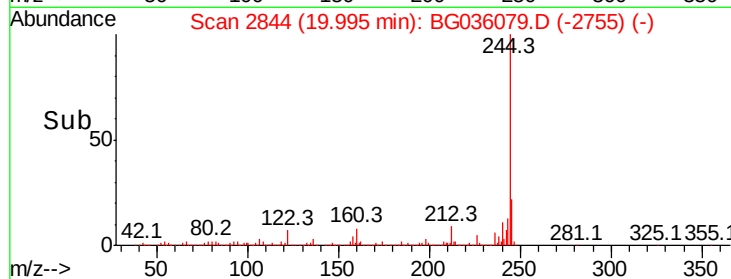
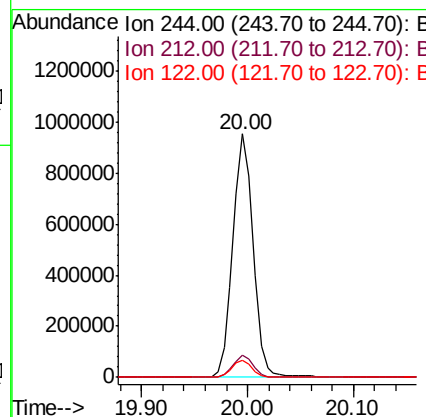
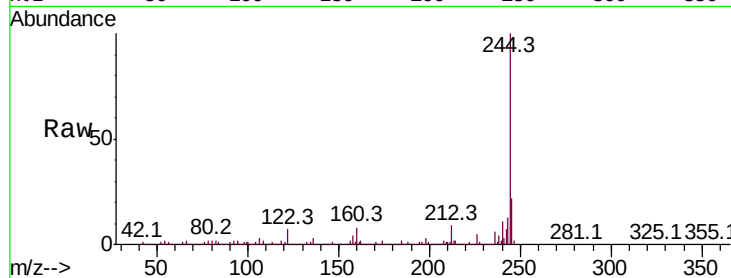




#78
 Terphenyl-d14
 Concen: 115.014 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

Tot Ion:244 Resp: 1267269
 Ion Ratio Lower Upper
 244 100
 212 8.9 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: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion:264 Resp: 229184
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 18.9 17.7 26.5

