

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036115.D
 Acq On : 4 Aug 2018 5:22
 Operator : JU/SJ
 Sample : J4313-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Quant Time: Aug 06 01:22:29 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	25827	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	90666	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	65108	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	199764	20.00	ng	0.00
75) Chrysene-d12	21.66	240	226507	20.00	ng	0.00
86) Perylene-d12	24.87	264	204598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	197493	126.95	ng	0.00
7) Phenol-d6	7.20	99	248219	106.95	ng	0.00
23) Nitrobenzene-d5	9.19	82	223321	102.90	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	137491	160.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	495809	102.02	ng	0.00
78) Terphenyl-d14	20.00	244	1113895	108.40	ng	0.00

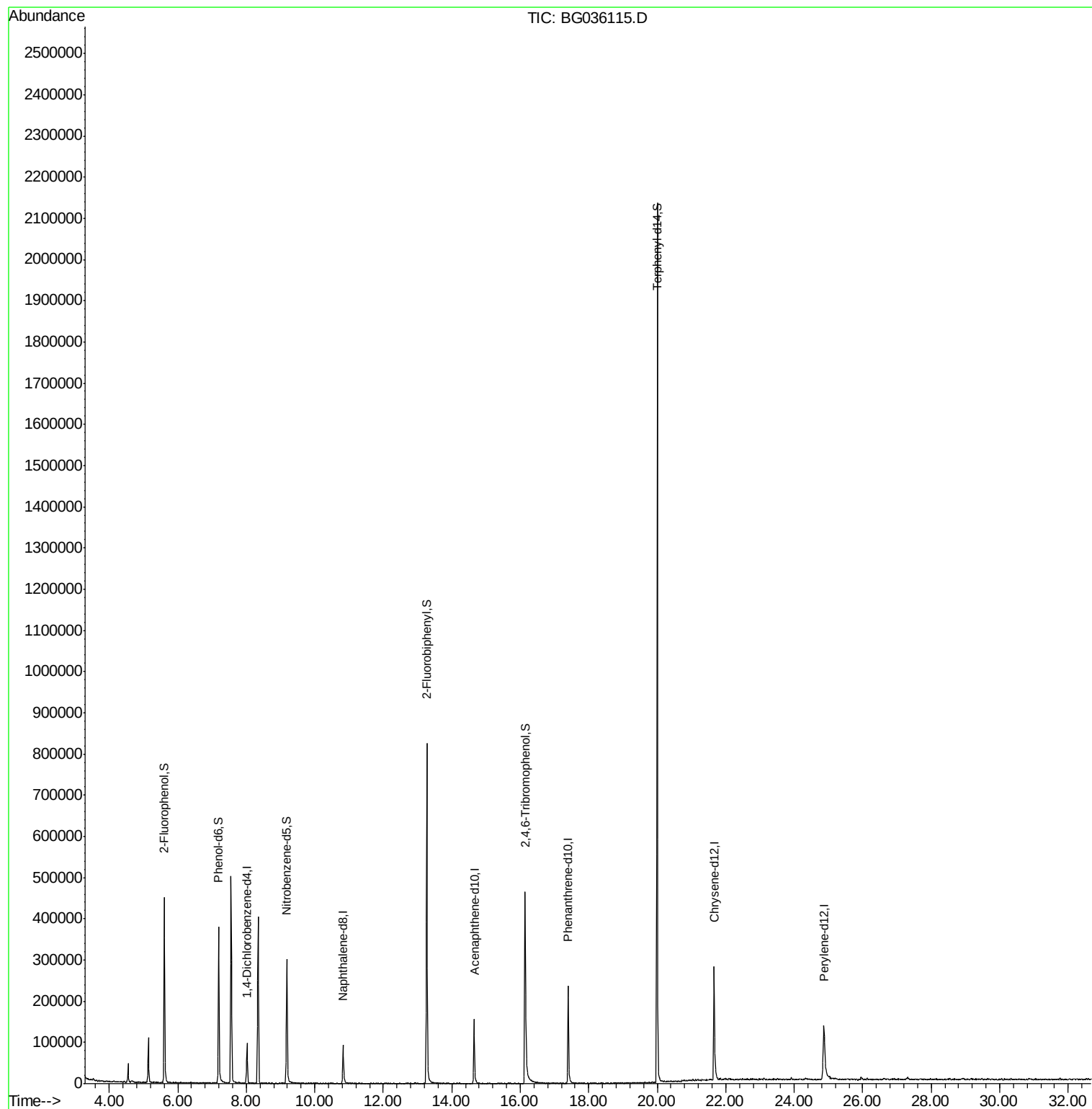
Target Compounds Qvalue

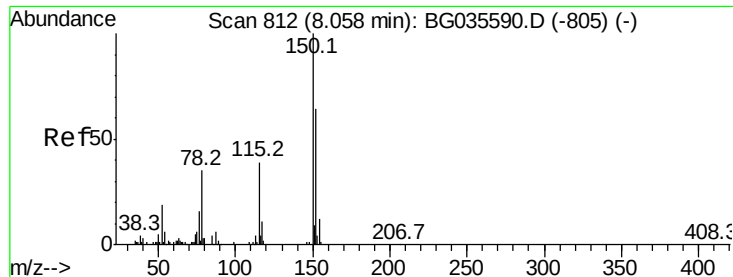
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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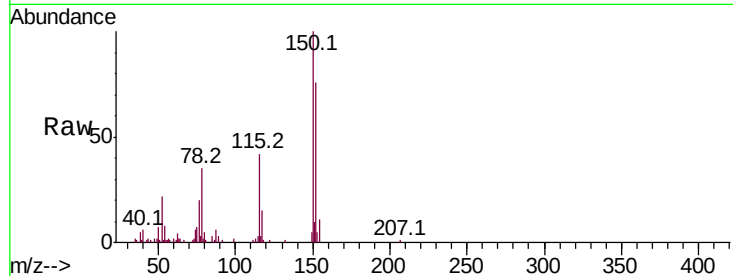


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036115.D
Acq: 4 Aug 2018 5:22

Instrument :
BNA_G
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.2	126.6	189.8
115	55.6	53.0	79.4

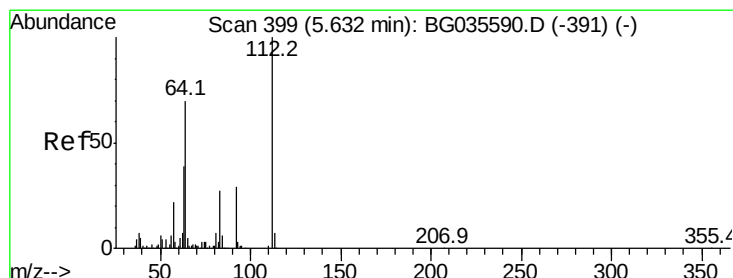
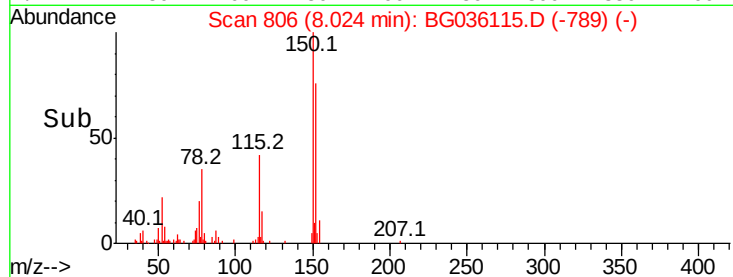
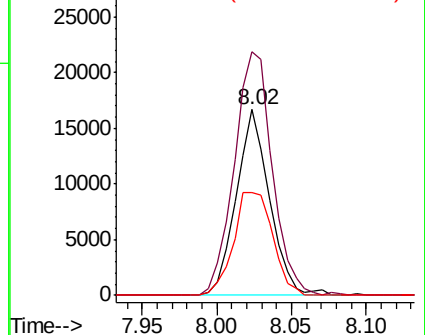


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

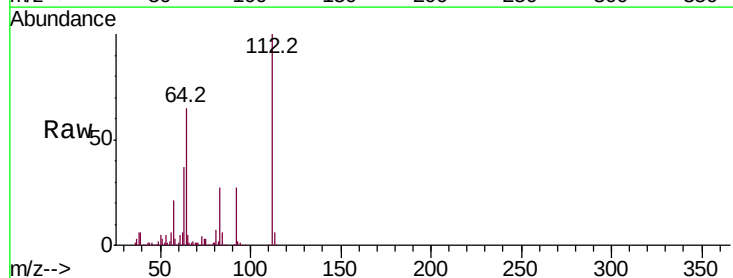
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.954 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036115.D
Acq: 4 Aug 2018 5:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	36.9	30.1	45.1

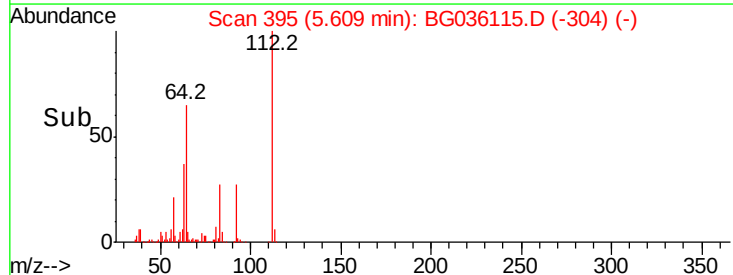
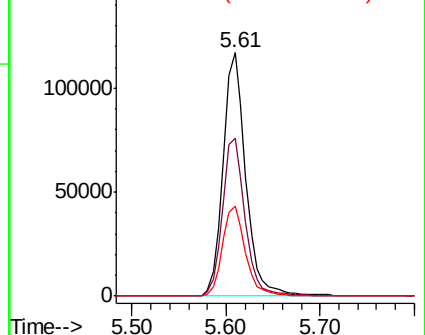


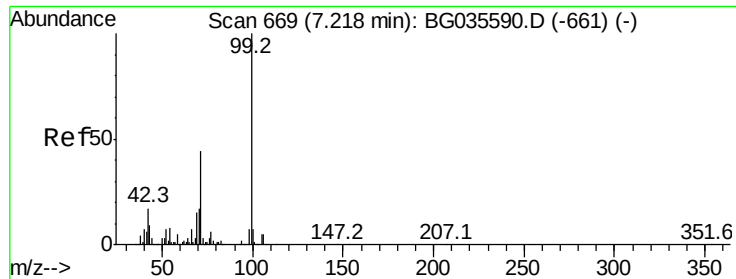
Abundance

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: 106.946 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036115.D

Acq: 4 Aug 2018 5:22

Instrument :

BNA_G

ClientSampleId :

C-5

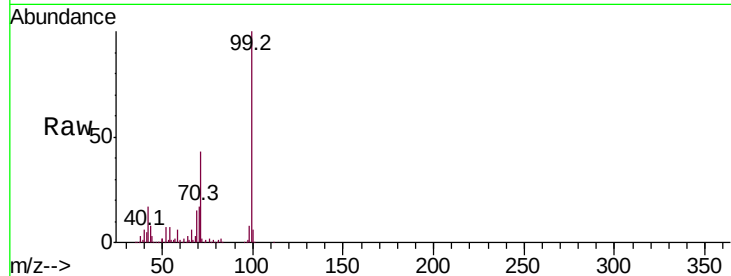
Tot Ion: 99 Resp: 248219

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

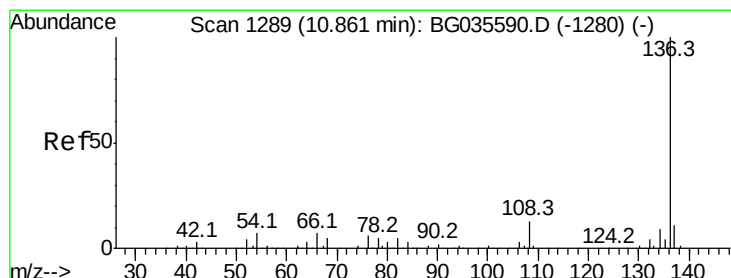
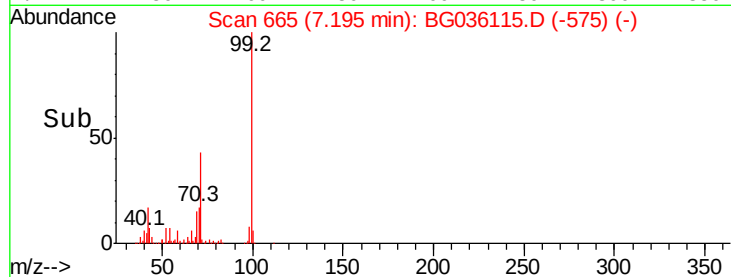
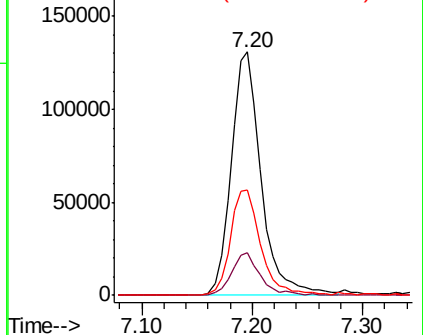
71 43.1 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036115.D

Acq: 4 Aug 2018 5:22

Tgt Ion: 136 Resp: 90666

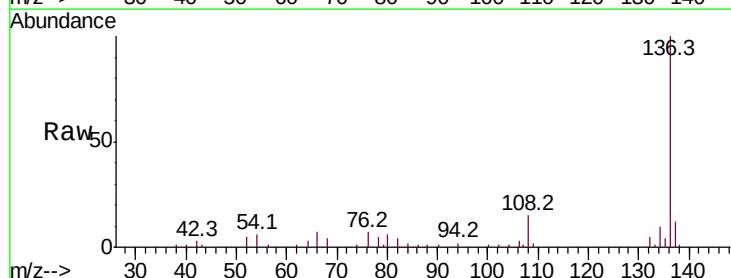
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.3 10.3 15.5#

68 3.9 4.5 6.7#

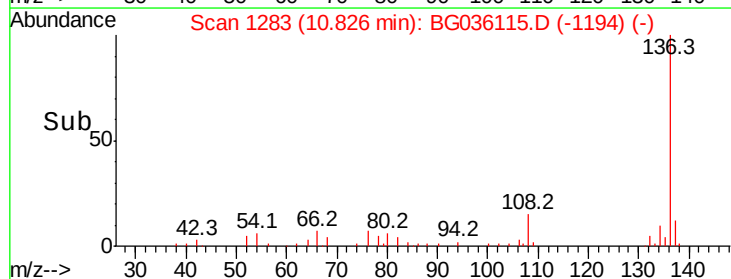
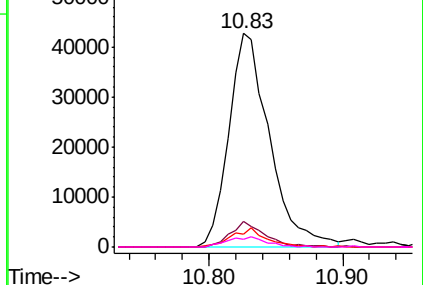


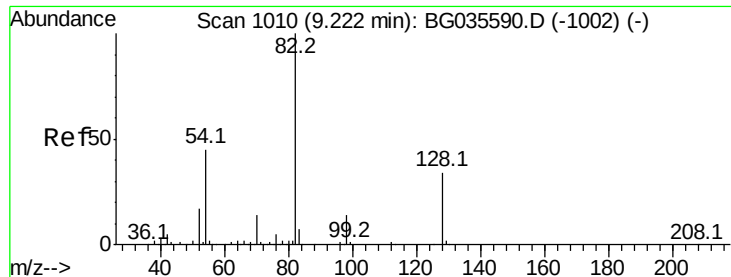
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

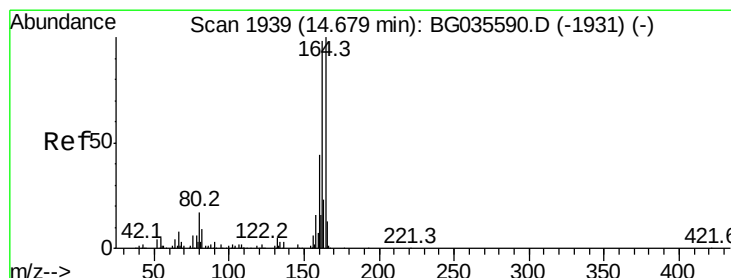
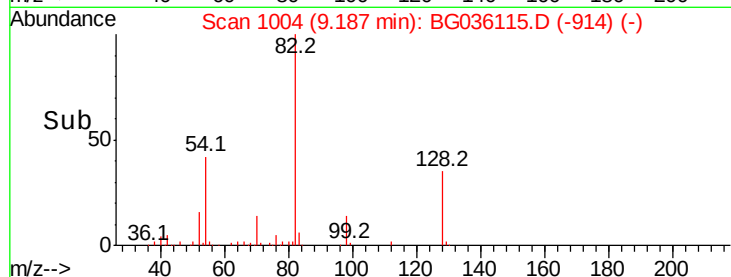
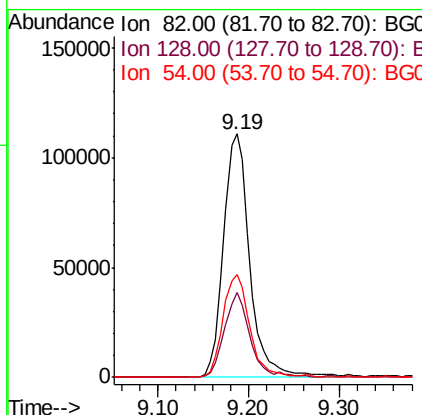
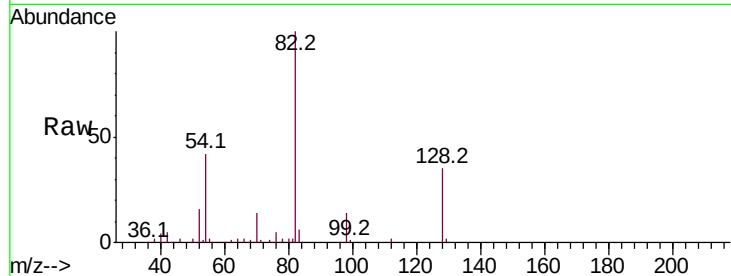




#23
 Nitrobenzene-d5
 Concen: 102.896 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

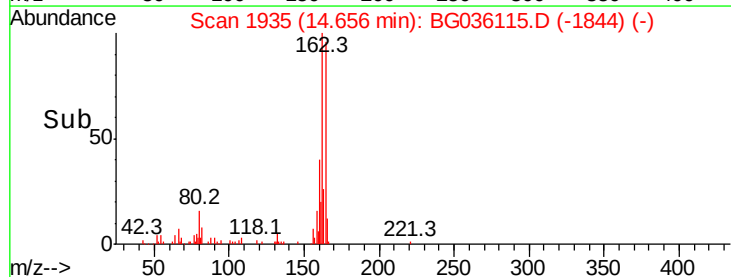
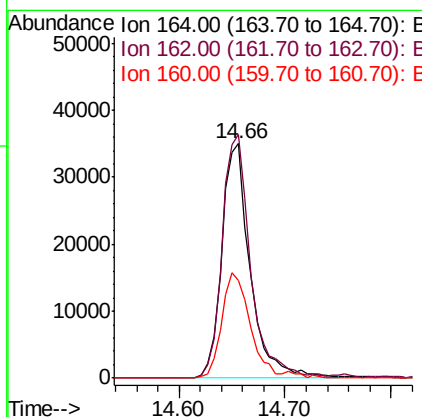
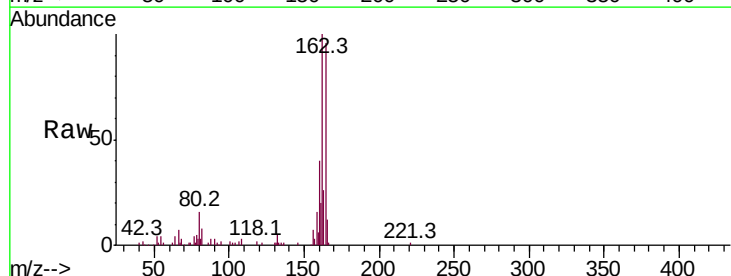
Instrument :
 BNA_G
 ClientSampled :
 C-5

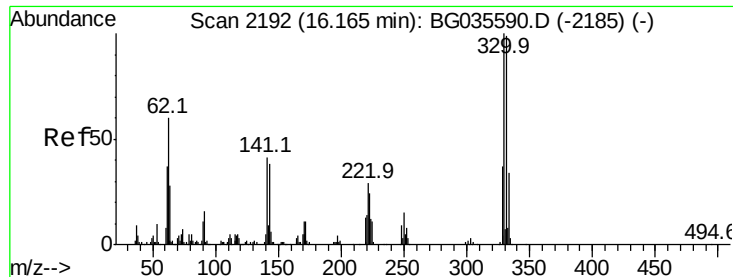
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.01 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	41.6	35.4	53.0

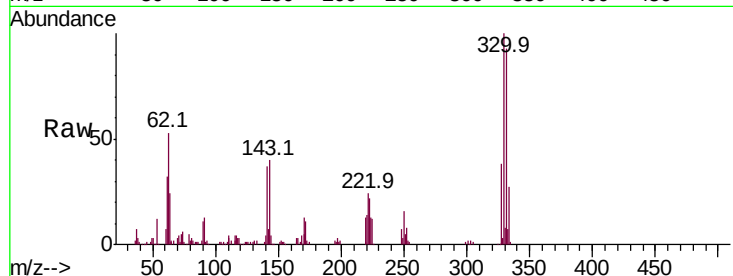




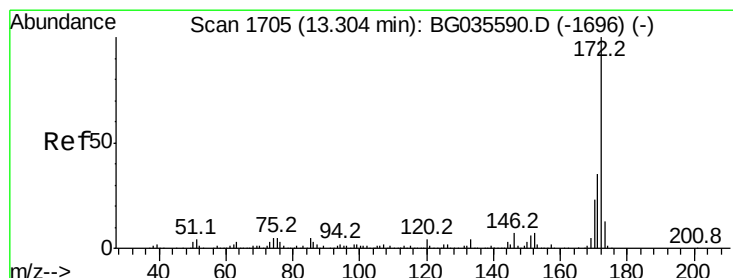
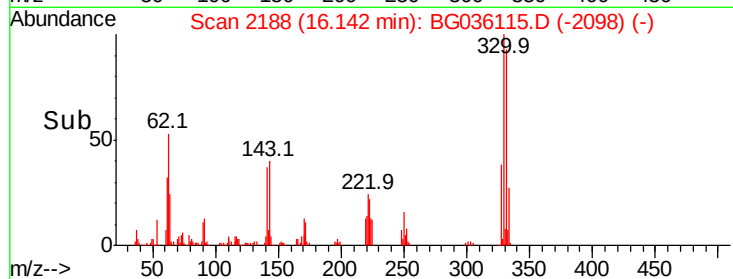
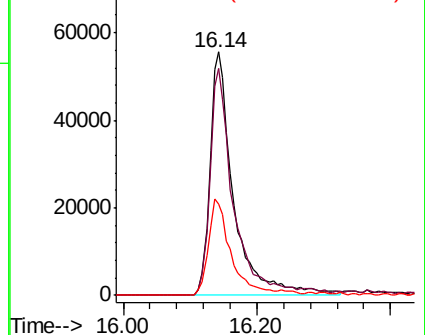
#41
 2,4,6-Tribromophenol
 Concen: 160.215 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.7	77.0	115.6
141	37.4	25.2	37.8

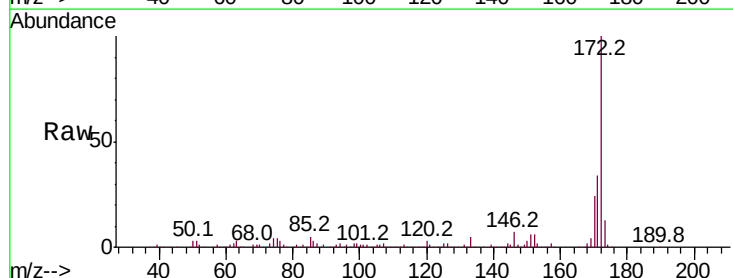


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

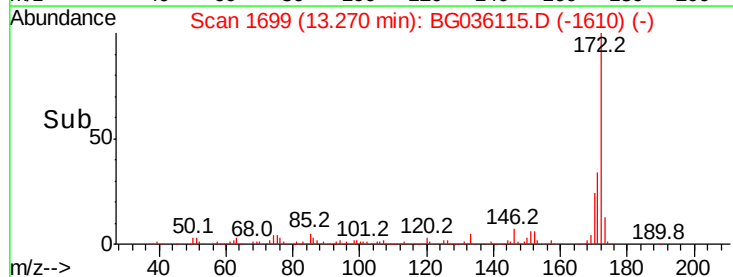
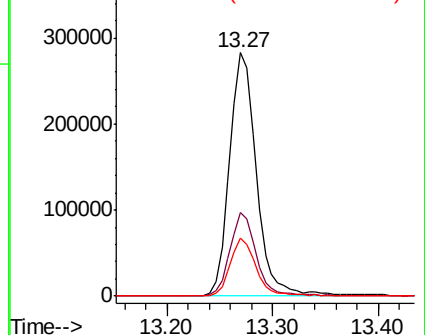


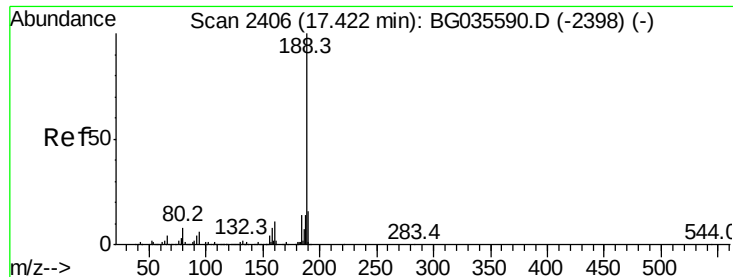
#44
 2-Fluorobiphenyl
 Concen: 102.024 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	24.0	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. 0.01 min

Lab File: BG036115.D

Acq: 4 Aug 2018 5:22

Instrument :

BNA_G

ClientSampleId :

C-5

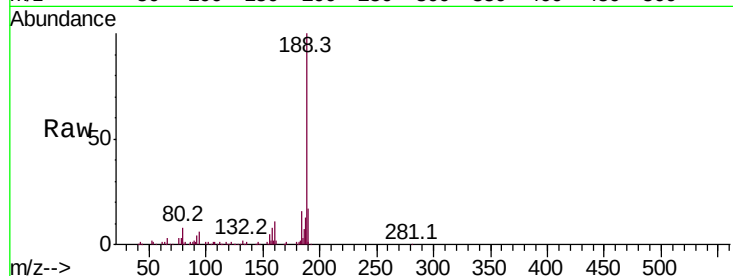
Tot Ion:188 Resp: 199764

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

80 8.4 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

120000

100000

80000

60000

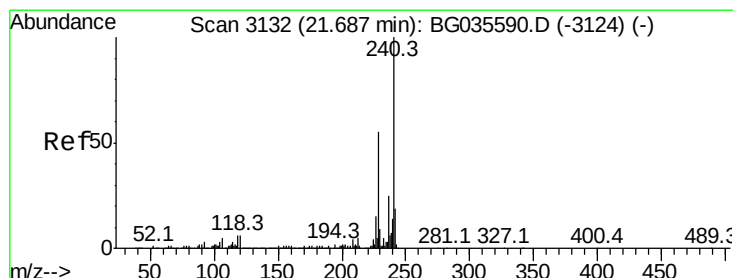
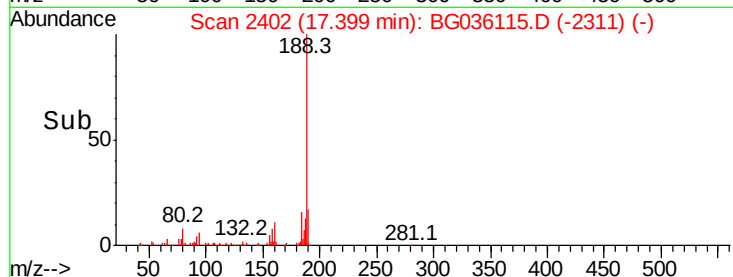
40000

20000

0

17.30 17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BG036115.D

Acq: 4 Aug 2018 5:22

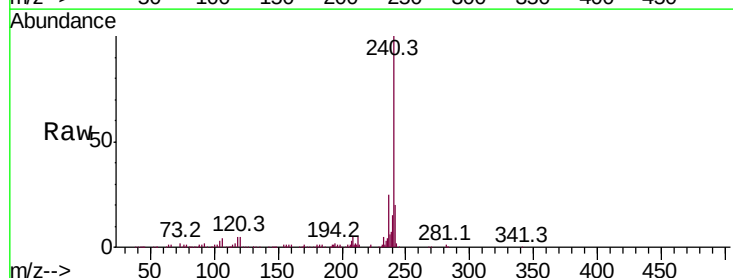
Tgt Ion:240 Resp: 226507

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

236 24.7 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

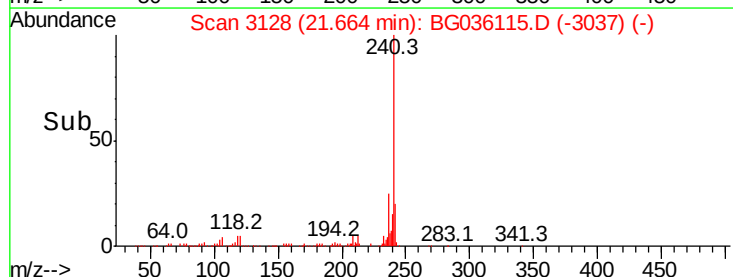
100000

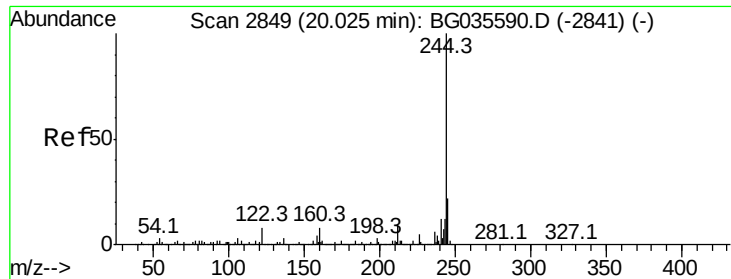
50000

0

21.60 21.70 21.80

Time-->

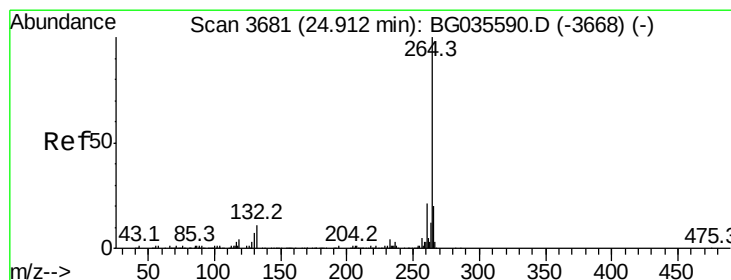
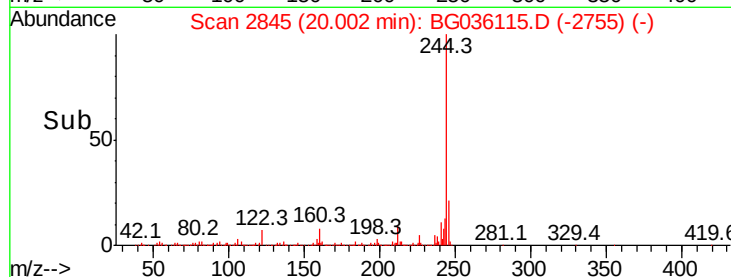
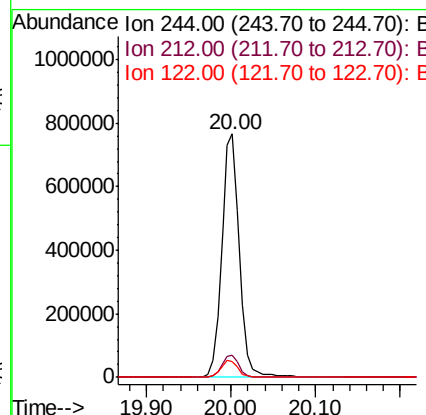
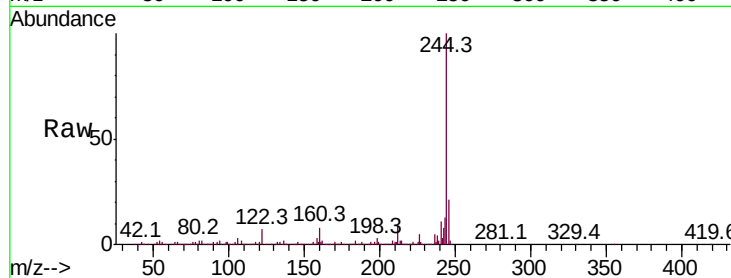




#78
 Terphenyl-d14
 Concen: 108.401 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tot Ion:244 Resp: 1113895
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3673
 Delta R.T. 0.01 min
 Lab File: BG036115.D
 Acq: 4 Aug 2018 5:22

Tgt Ion:264 Resp: 204598
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 24.8 17.7 26.5

