

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036157.D
 Acq On : 7 Aug 2018 11:09
 Operator : JU/SJ
 Sample : J4335-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CINNAMINSON-8-3-18

Quant Time: Aug 07 12:08:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	32177	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	103177	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	77257	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	224424	20.00	ng	0.00
75) Chrysene-d12	21.64	240	245947	20.00	ng	0.00
86) Perylene-d12	24.83	264	233916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	255681	131.92	ng	0.00
7) Phenol-d6	7.18	99	320623	110.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	267651	108.37	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	187228	183.86	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	614970	106.64	ng	0.00
78) Terphenyl-d14	19.99	244	1309350	117.35	ng	0.00

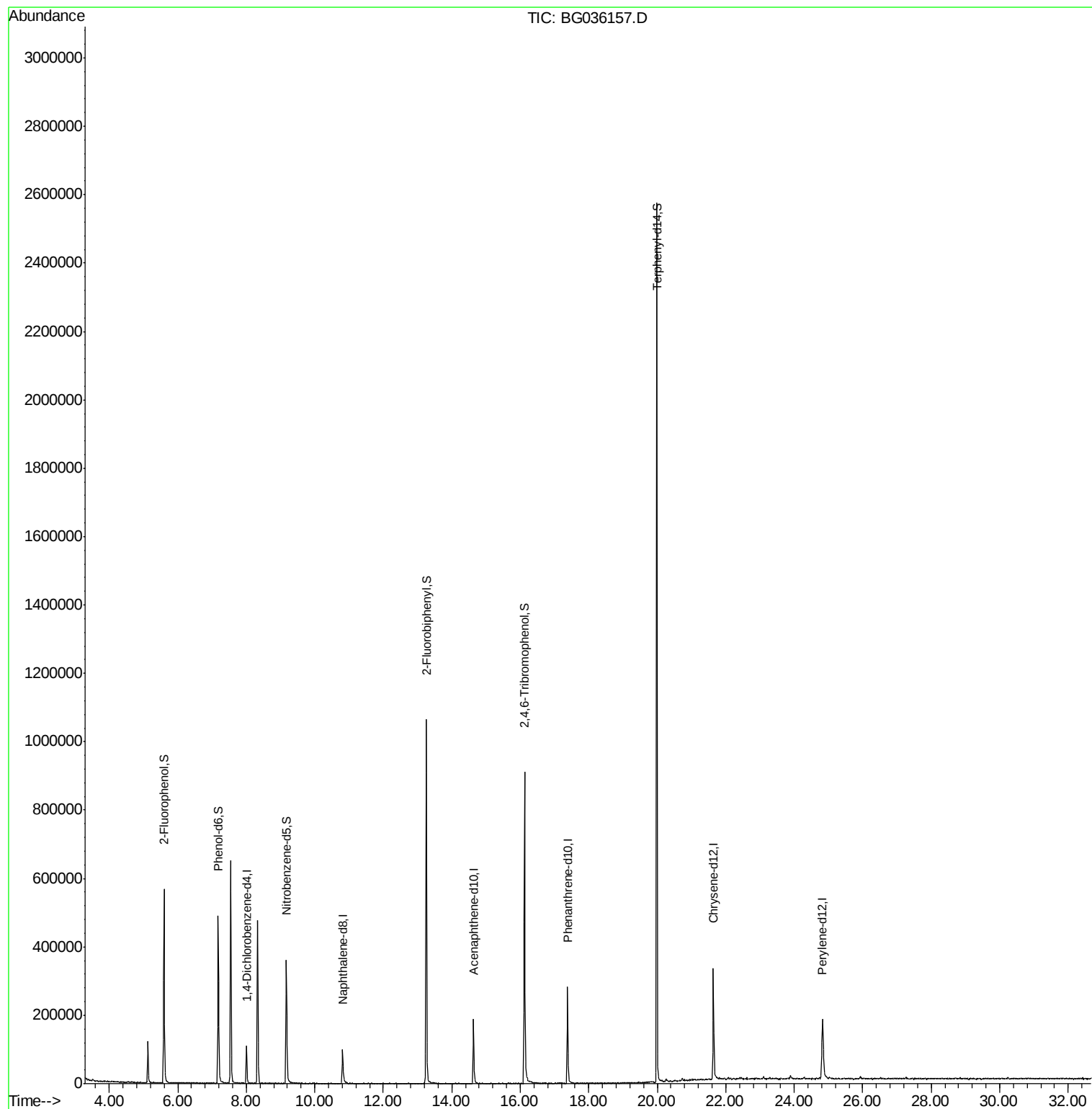
Target Compounds Qvalue

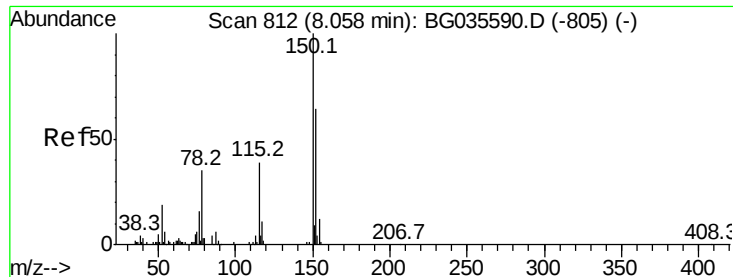
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

Instrument :

BNA_G

ClientSampleId :

CINNAMINSON-8-3-18

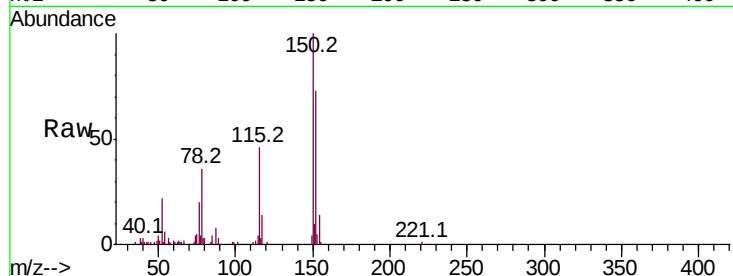
Tot Ion:152 Resp: 32177

Ion Ratio Lower Upper

152 100

150 137.6 126.6 189.8

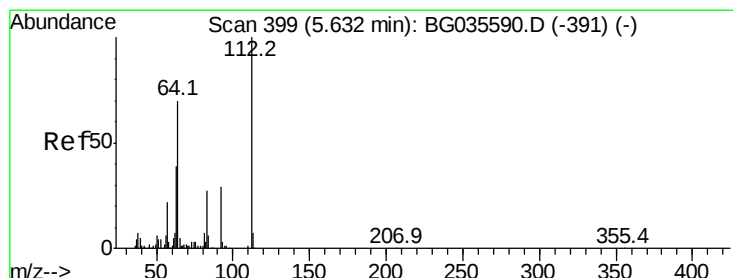
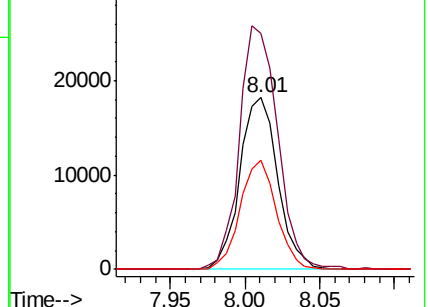
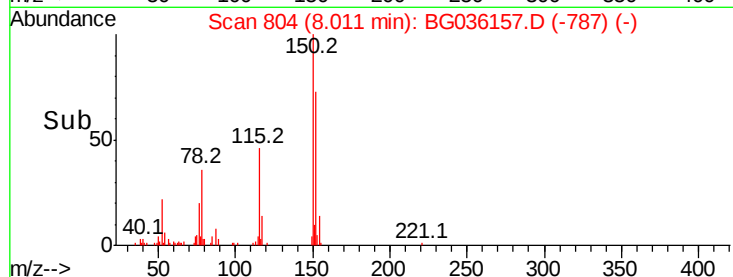
115 63.5 53.0 79.4



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: 131.924 ng

RT: 5.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

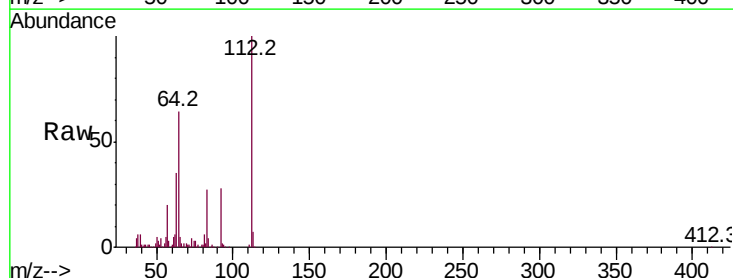
Tgt Ion:112 Resp: 255681

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

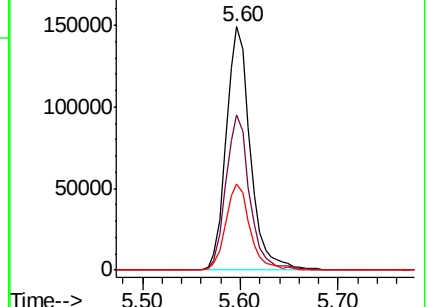
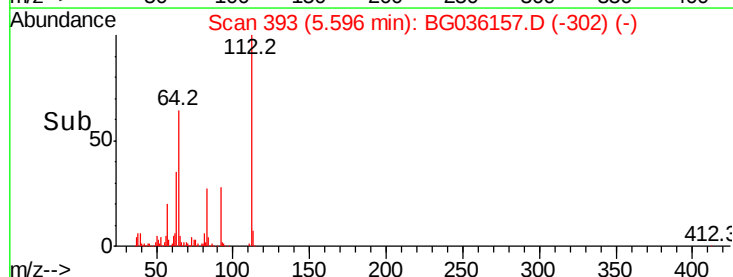
63 35.4 30.1 45.1

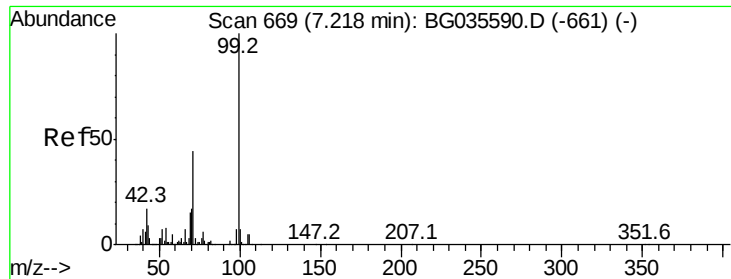


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.880 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

Instrument :

BNA_G

ClientSampleId :

CINNAMINSON-8-3-18

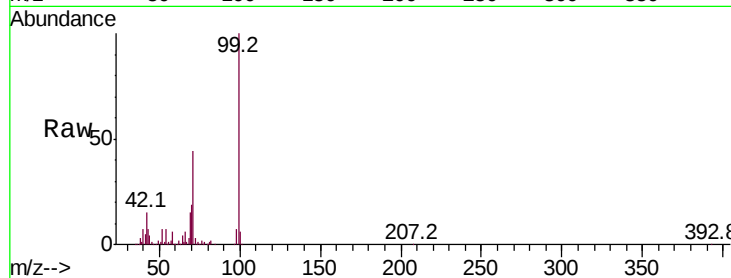
Tot Ion: 99 Resp: 320623

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

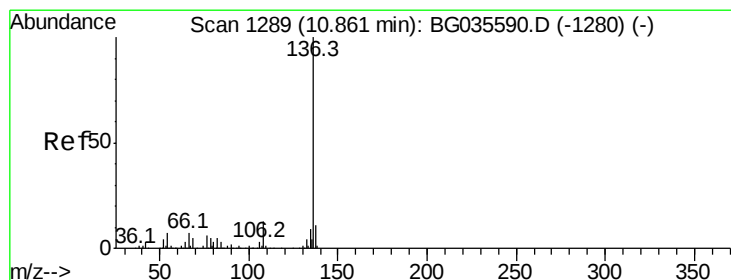
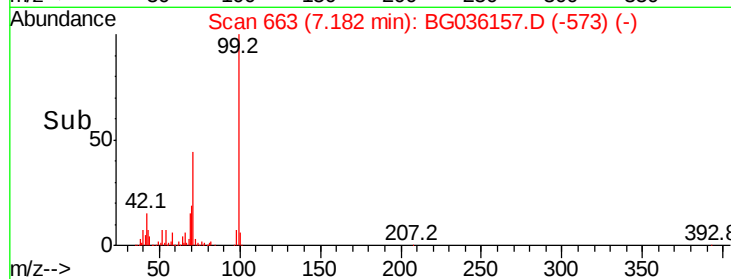
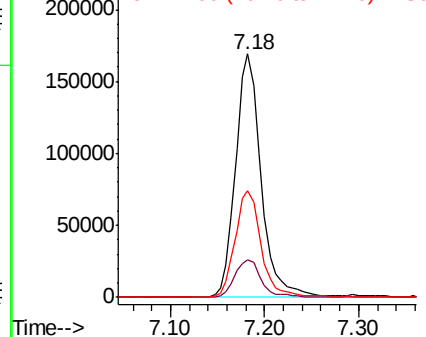
71 43.6 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

Tgt Ion: 136 Resp: 103177

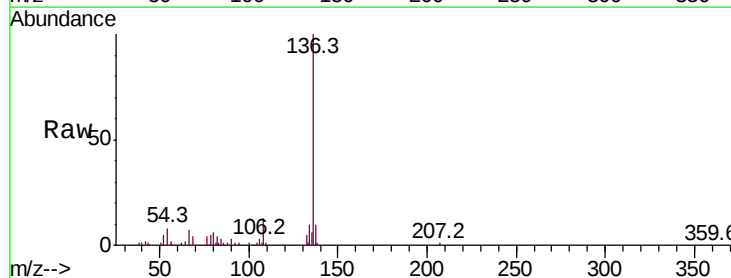
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.7 10.3 15.5#

68 3.5 4.5 6.7#

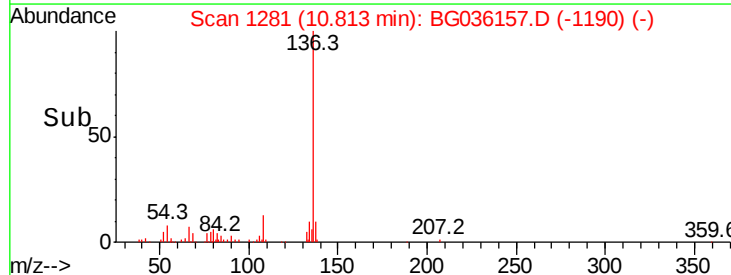
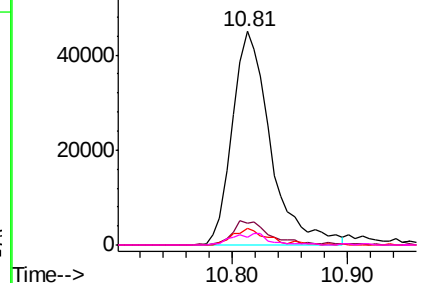


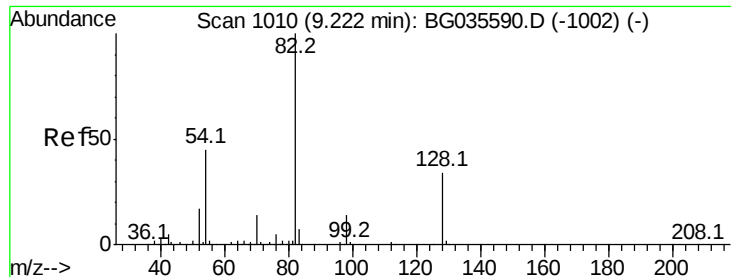
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

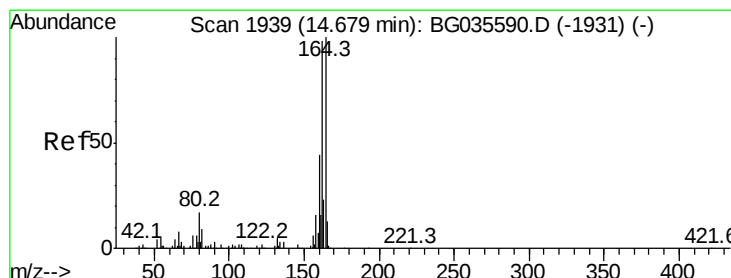
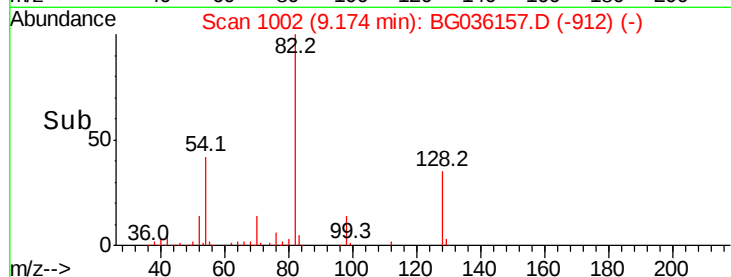
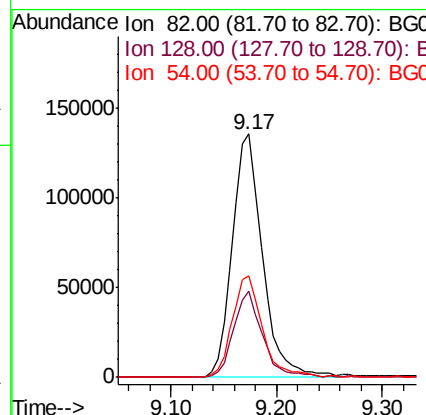
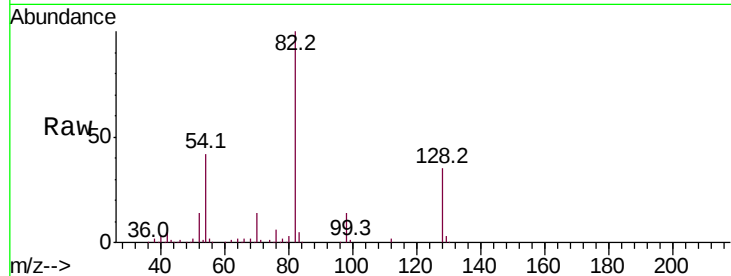




#23
 Nitrobenzene-d5
 Concen: 108.368 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

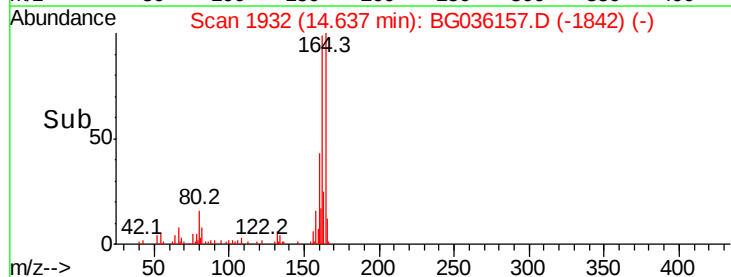
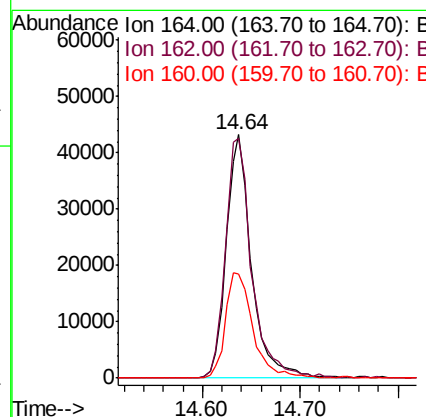
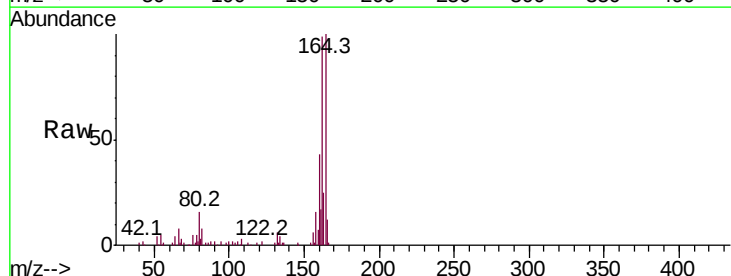
Instrument :
 BNA_G
 ClientSampleId :
 CINNAMINSON-8-3-18

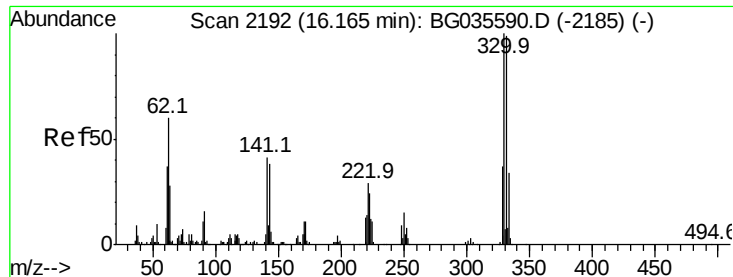
Tot Ion: 82 Resp: 267651
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

Tgt Ion:164 Resp: 77257
 Ion Ratio Lower Upper
 164 100
 162 98.6 78.8 118.2
 160 42.8 35.4 53.0

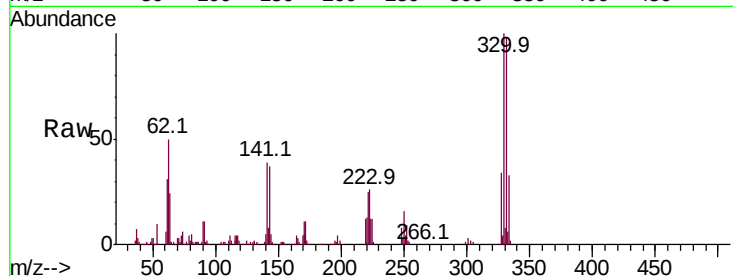




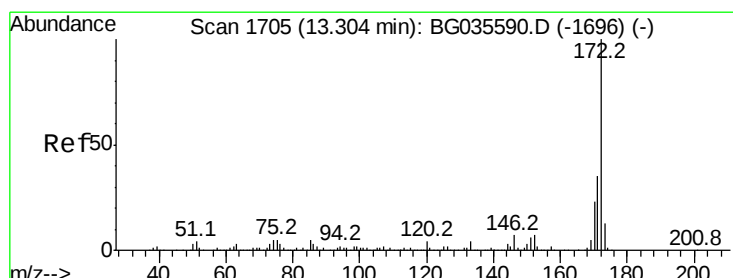
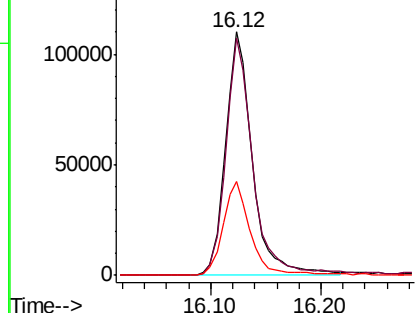
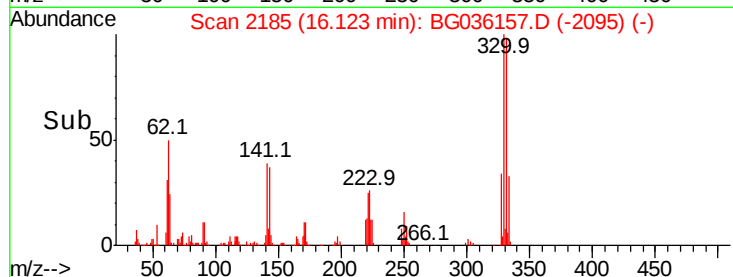
#41
 2,4,6-Tribromophenol
 Concen: 183.864 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 CINNAMINSON-8-3-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	39.2	25.2	37.8#

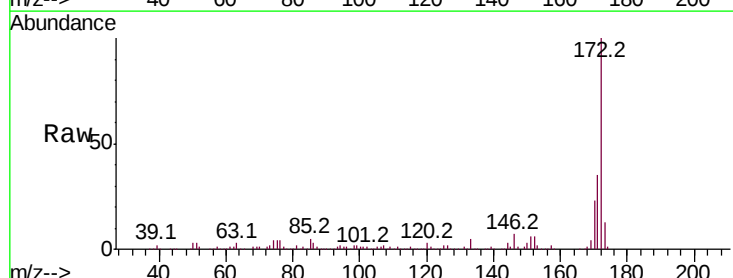


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

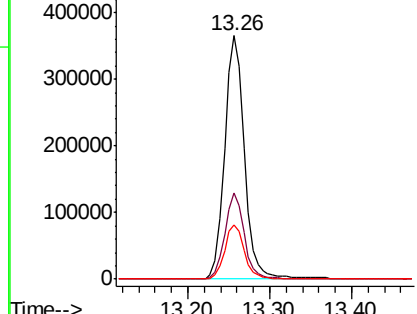
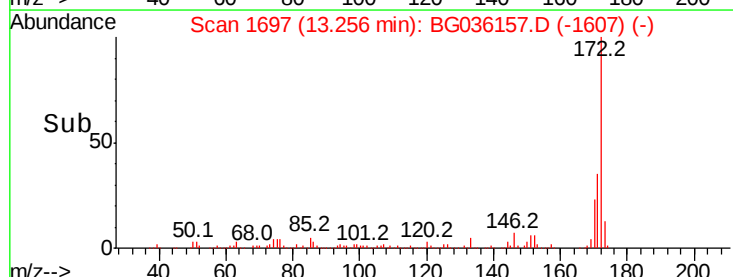


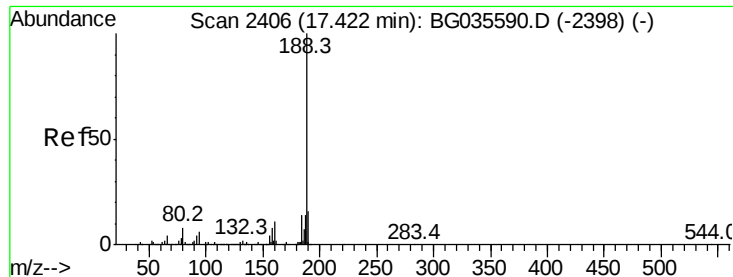
#44
 2-Fluorobiphenyl
 Concen: 106.644 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	22.5	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 500000 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: 17.38 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

Instrument :

BNA_G

ClientSampleId :

CINNAMINSON-8-3-18

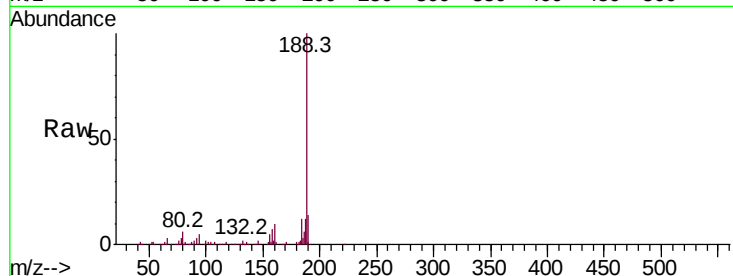
Tot Ion:188 Resp: 224424

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

80 6.5 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

150000

100000

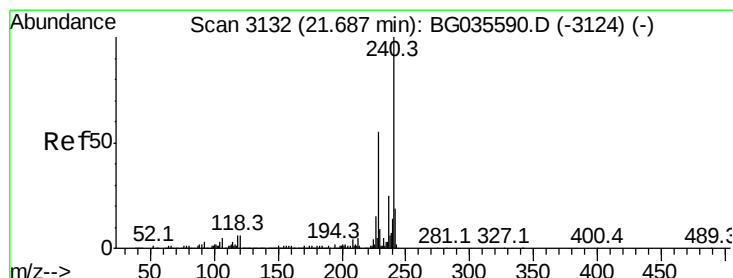
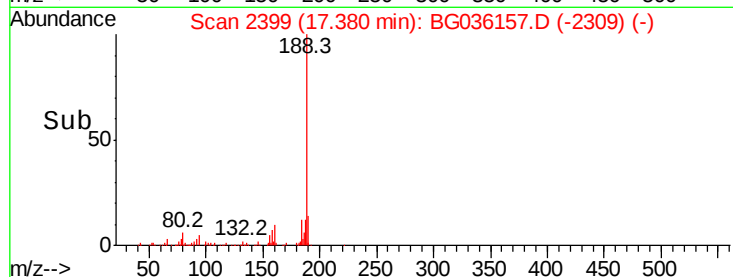
50000

0

17.38

17.30 17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG036157.D

Acq: 7 Aug 2018 11:09

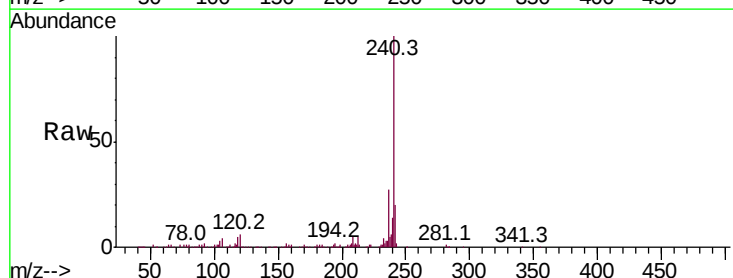
Tgt Ion:240 Resp: 245947

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

236 27.2 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

150000

100000

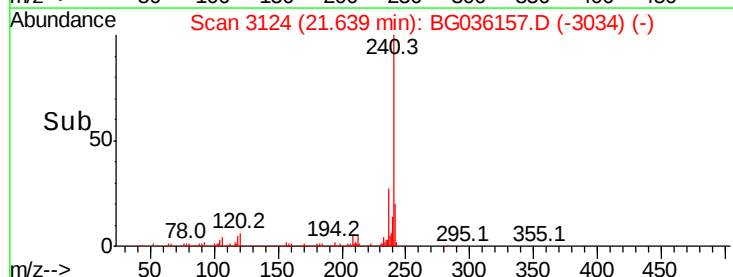
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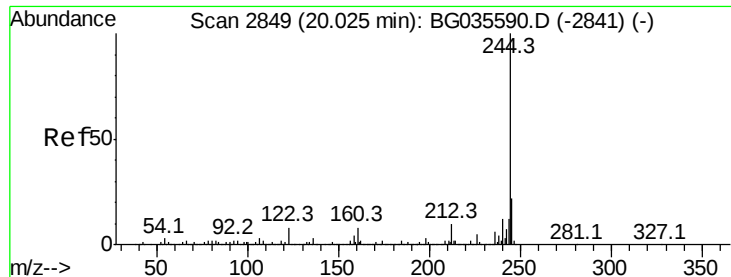
0

21.64

21.60 21.70

Time-->

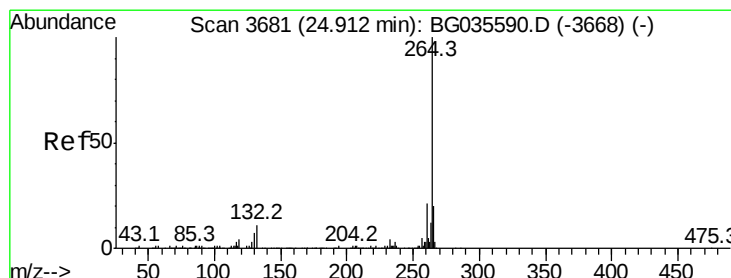
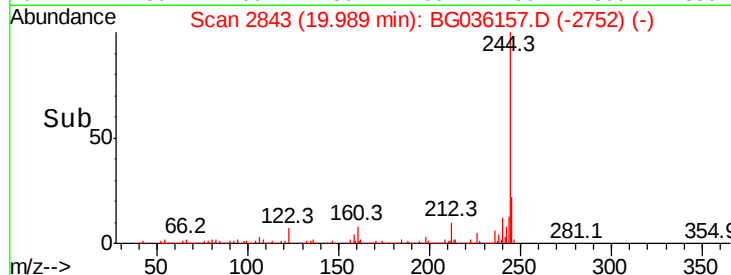
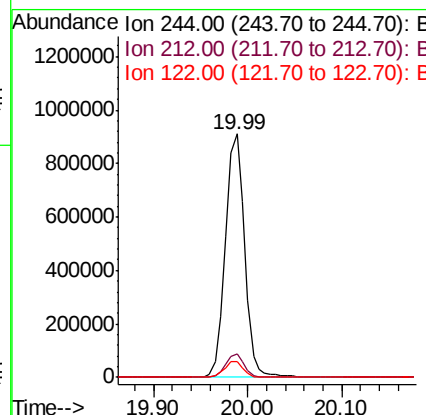
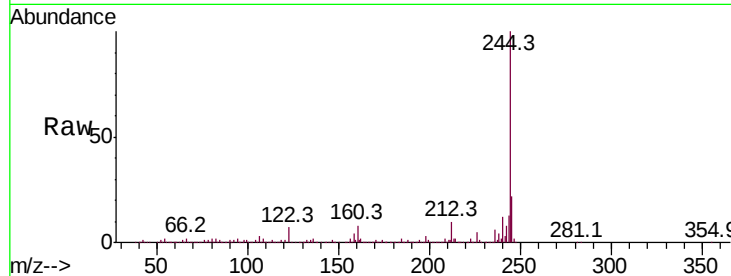




#78
 Terphenyl-d14
 Concen: 117.351 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 CINNAMINSON-8-3-18

Tot Ion:244 Resp: 1309350
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. 0.01 min
 Lab File: BG036157.D
 Acq: 7 Aug 2018 11:09

Tgt Ion:264 Resp: 233916
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 22.8 17.7 26.5

