

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035653.D
 Acq On : 14 Jul 2018 6:27
 Operator : JU/SJ
 Sample : J3959-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Quant Time: Jul 16 01:02:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44979	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	175138	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128828	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	361609	20.00	ng	0.00
75) Chrysene-d12	21.68	240	385587	20.00	ng	0.00
86) Perylene-d12	24.90	264	373469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316717	116.90	ng	0.00
7) Phenol-d6	7.22	99	438092	108.38	ng	0.00
23) Nitrobenzene-d5	9.22	82	345108	82.32	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	234570	138.14	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	749810	77.98	ng	0.00
78) Terphenyl-d14	20.02	244	1463223	83.65	ng	0.00

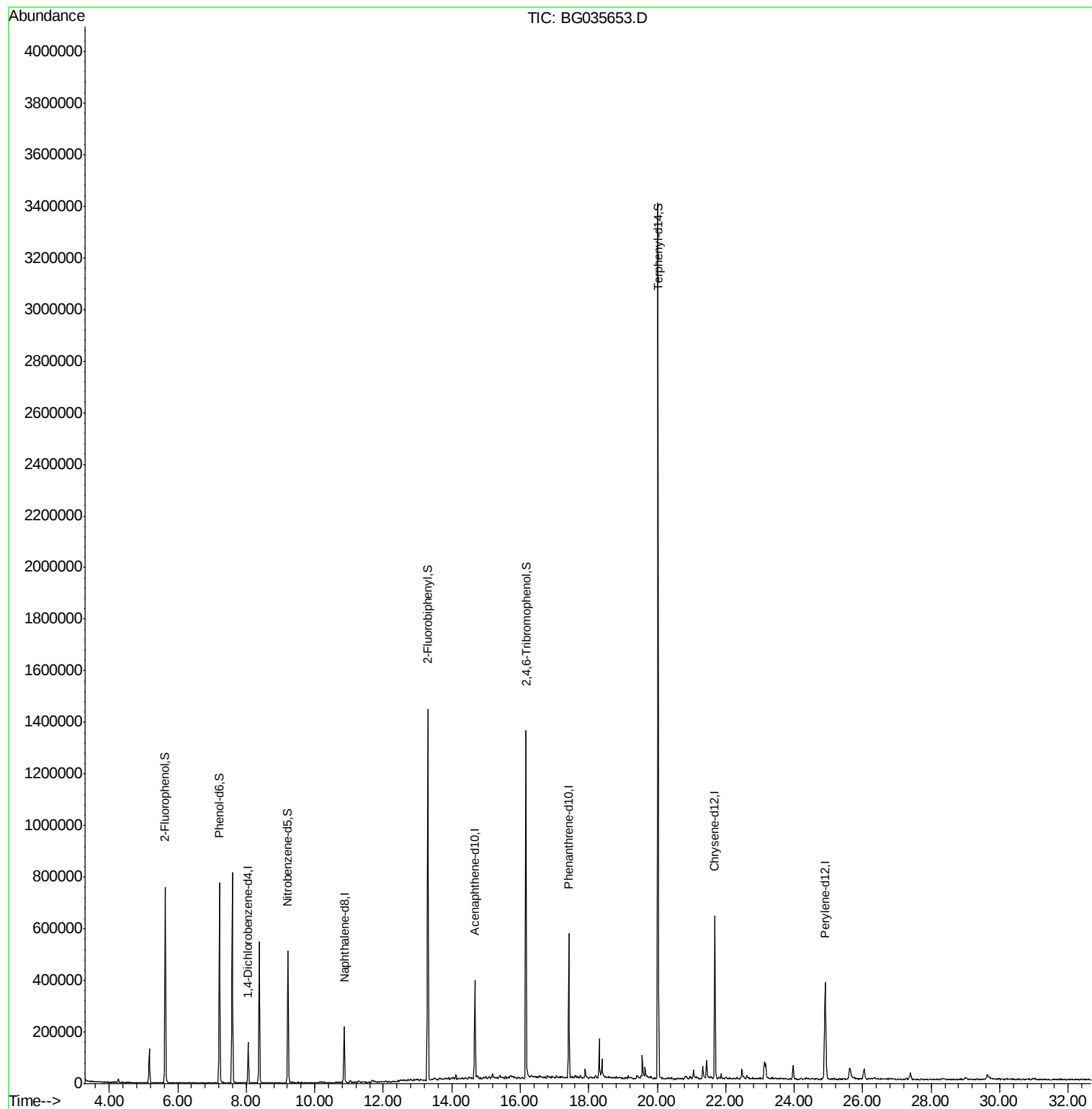
Target Compounds Qvalue

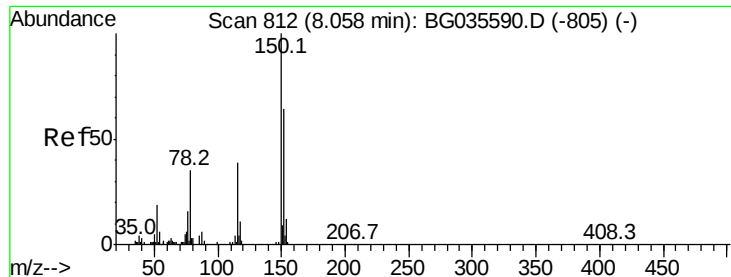
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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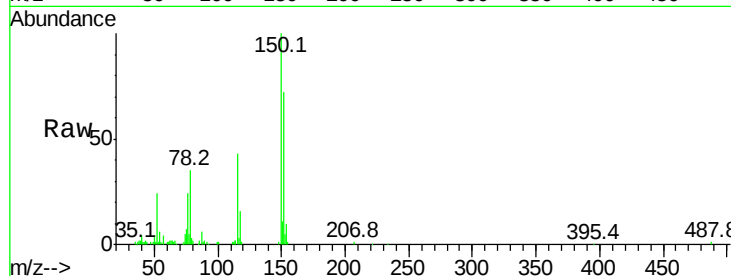


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	59.5	53.0	79.4

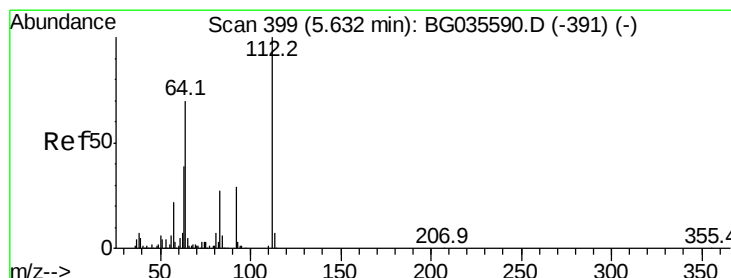
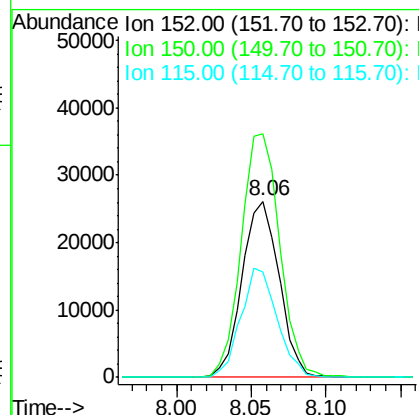
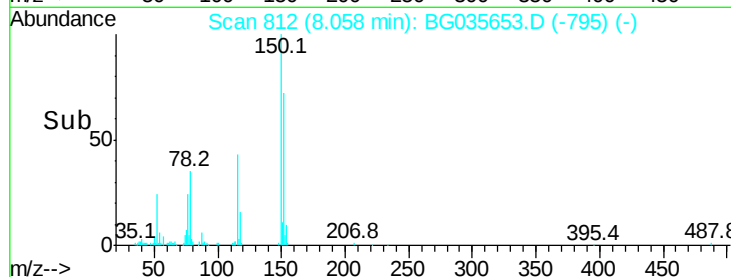


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

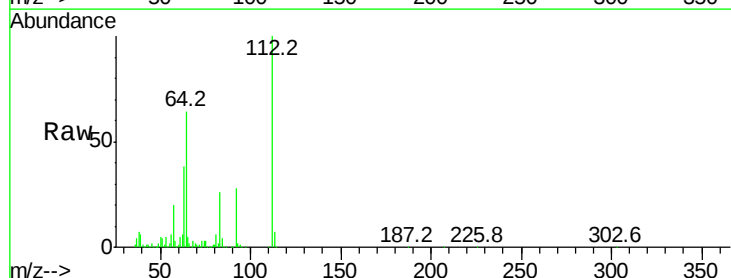
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 116.904 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	37.8	30.1	45.1

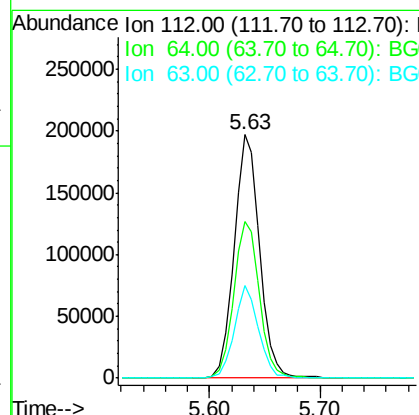
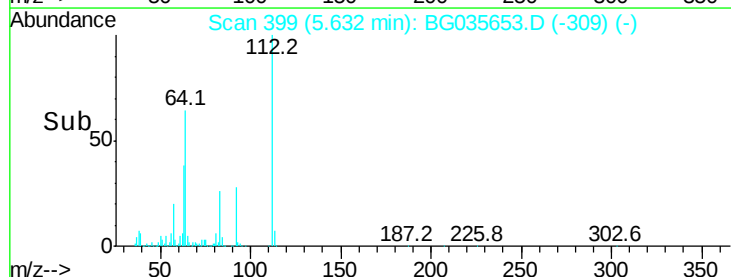


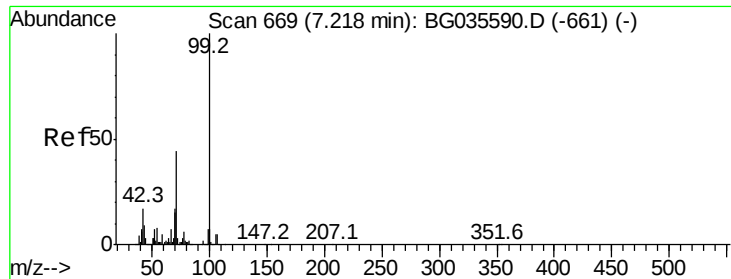
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.383 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

Instrument :

BNA_G

ClientSampleId :

WC-20180712

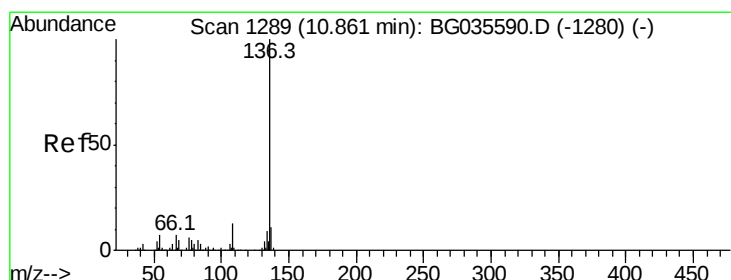
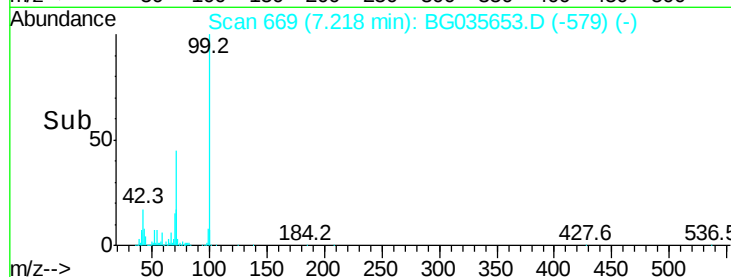
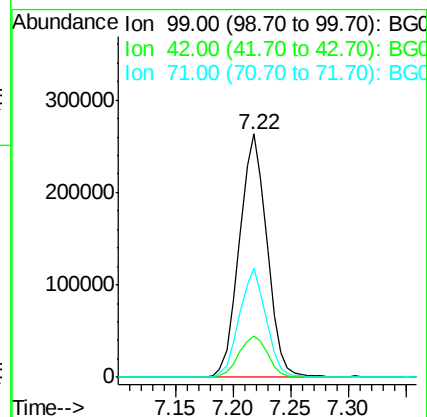
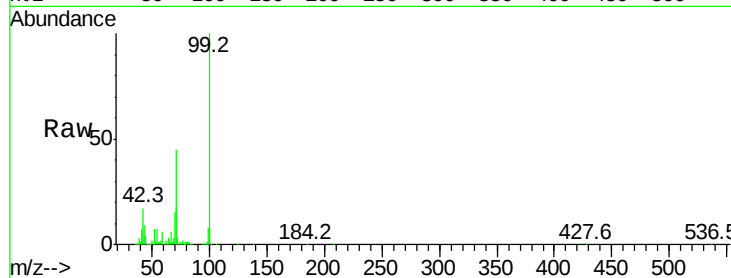
Tot Ion: 99 Resp: 438092

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 44.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

Tgt Ion: 136 Resp: 175138

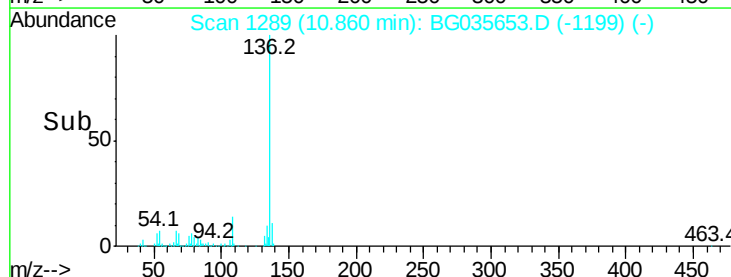
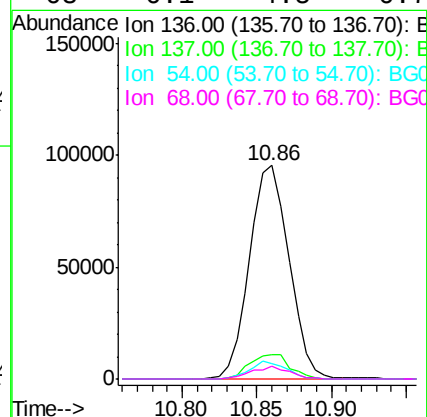
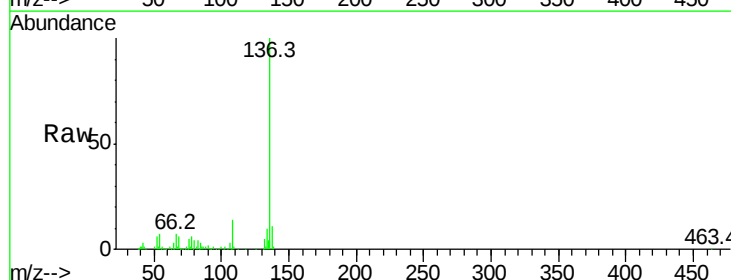
Ion Ratio Lower Upper

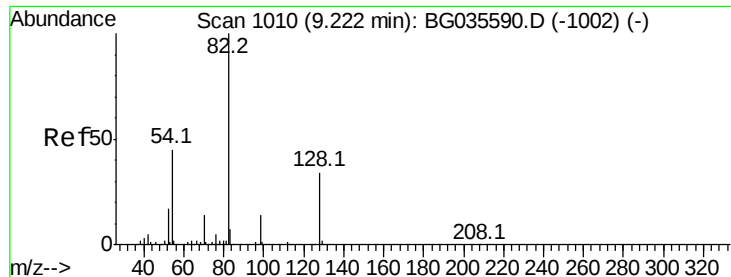
136 100

137 11.1 9.2 13.8

54 7.2 10.3 15.5#

68 6.1 4.5 6.7

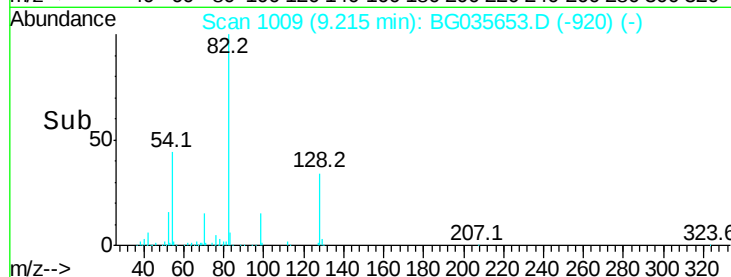
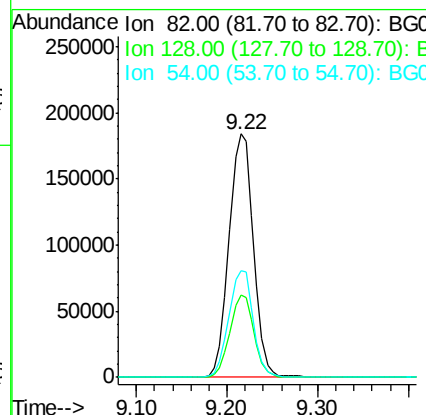
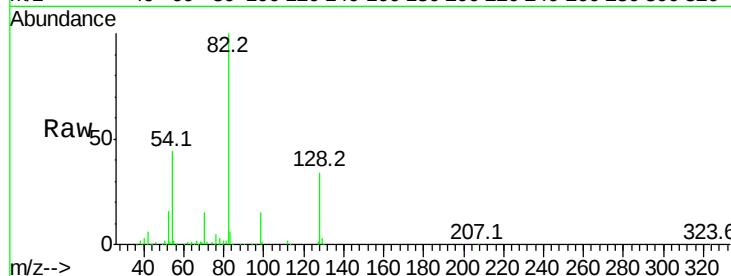




#23
 Nitrobenzene-d5
 Concen: 82.317 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

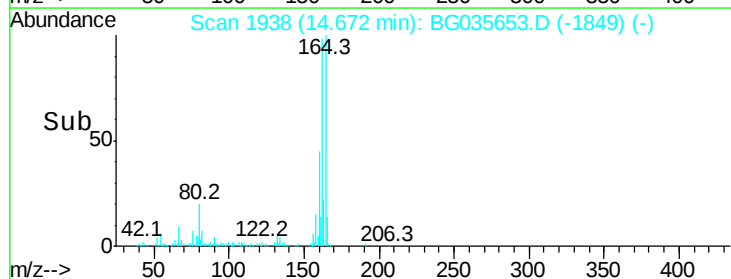
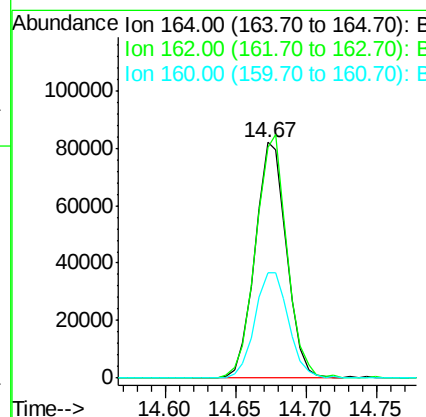
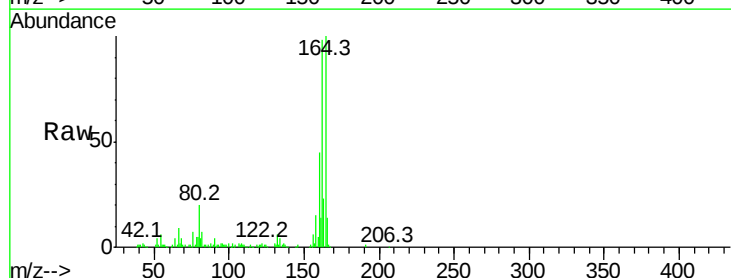
Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	43.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	44.8	35.4	53.0

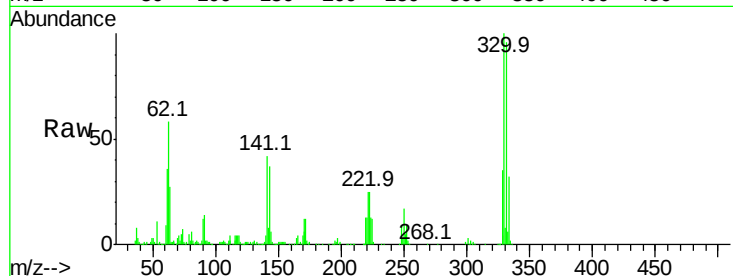




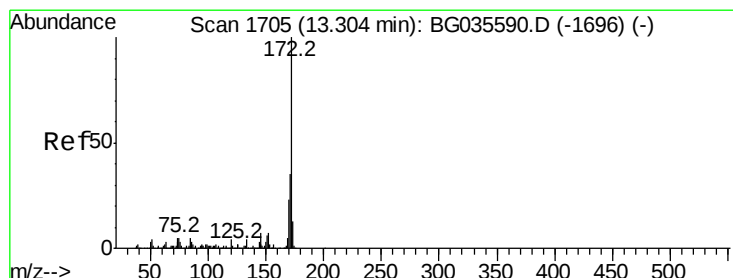
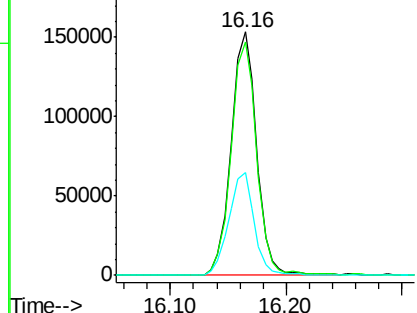
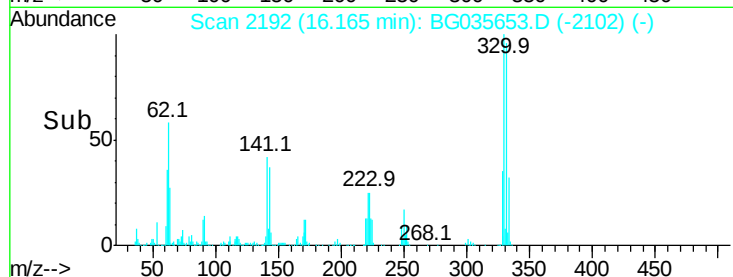
#41
 2,4,6-Tribromophenol
 Concen: 138.142 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	42.0	25.2	37.8#

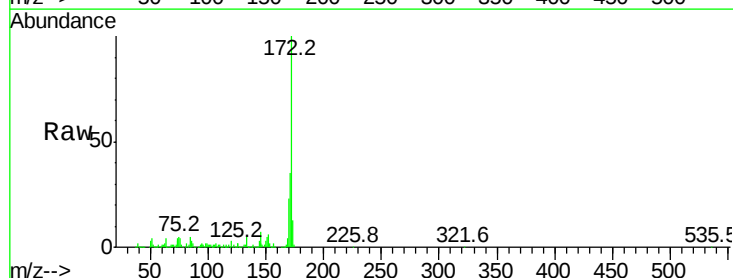


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

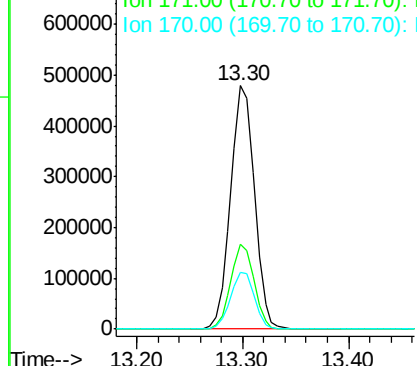
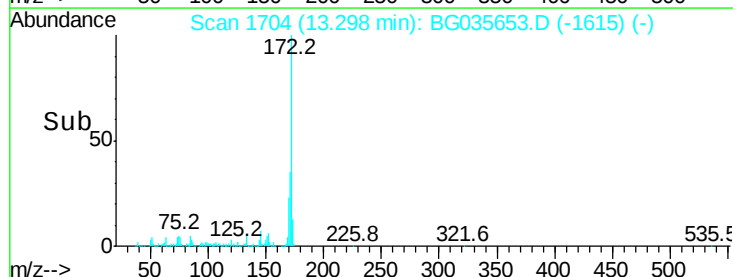


#44
 2-Fluorobiphenyl
 Concen: 77.976 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035653.D
 Acq: 14 Jul 2018 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.4	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: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

Instrument :

BNA_G

ClientSampleId :

WC-20180712

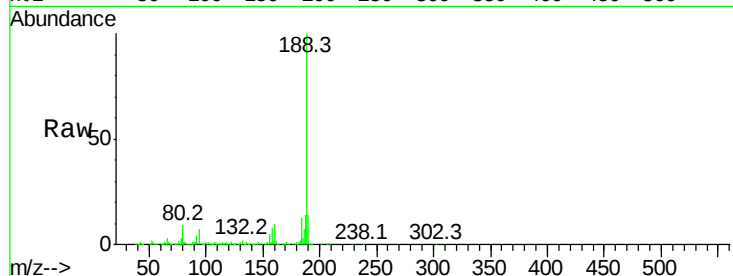
Tot Ion:188 Resp: 361609

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

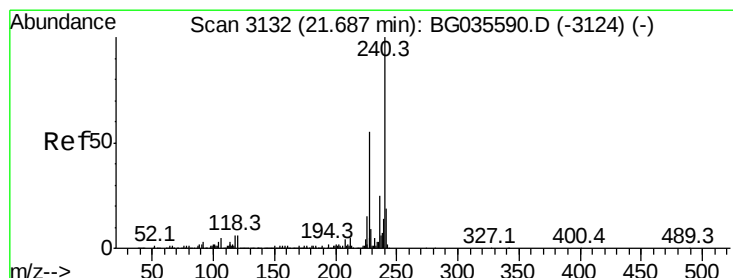
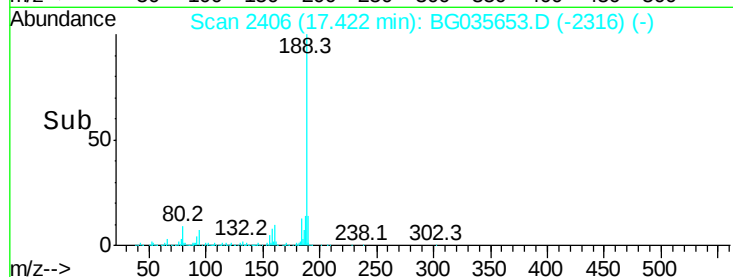
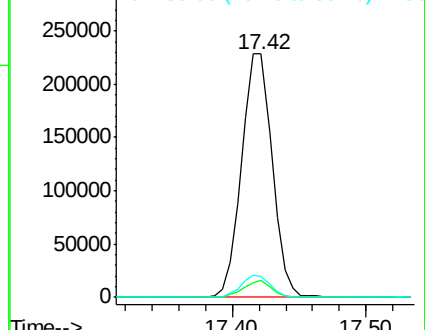
80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

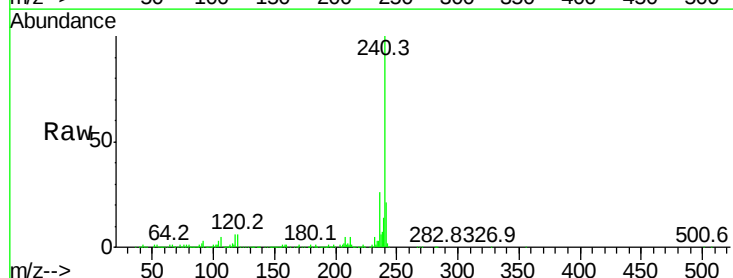
Tgt Ion:240 Resp: 385587

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

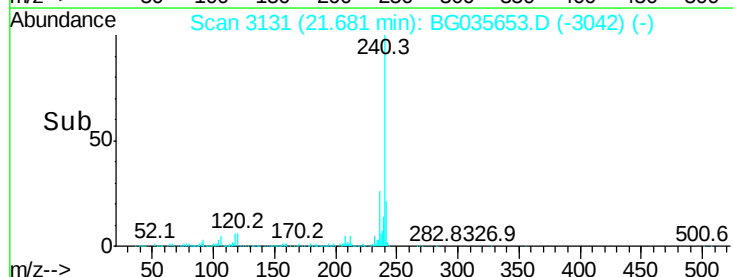
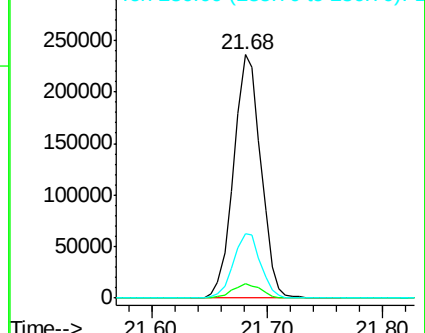
236 26.4 20.9 31.3

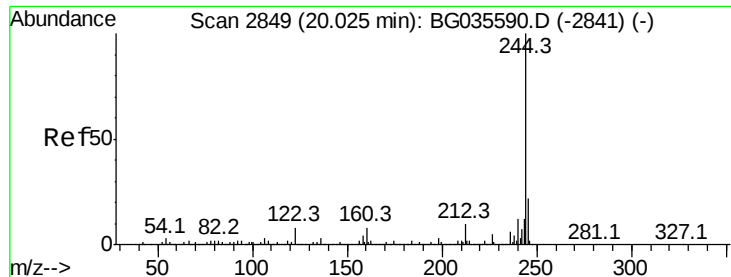


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.649 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

Instrument :

BNA_G

ClientSampled :

WC-20180712

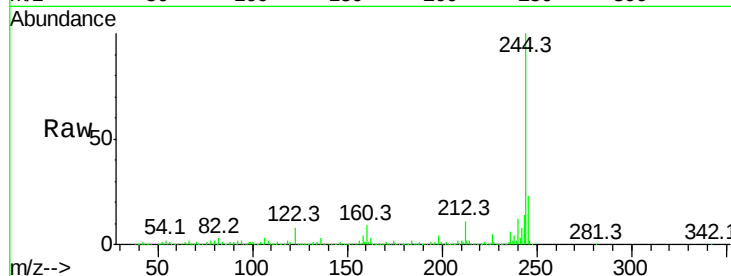
Tot Ion:244 Resp: 1463223

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

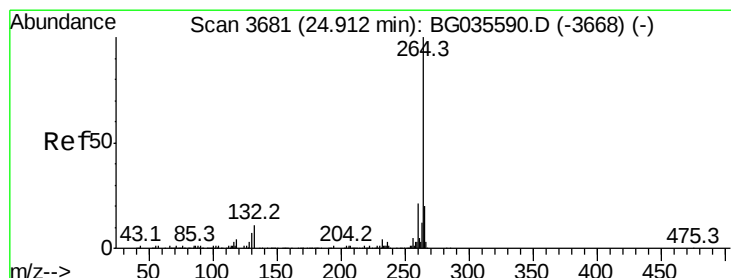
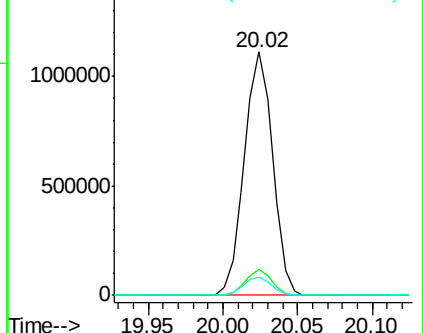
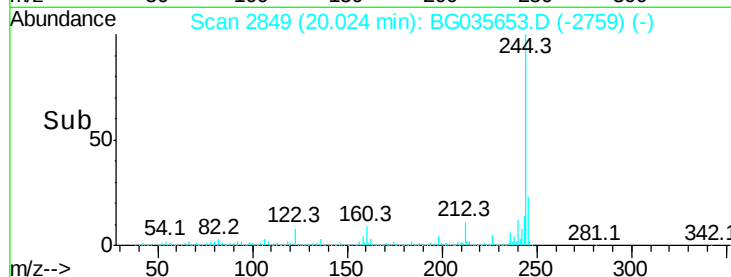
122 7.7 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035653.D

Acq: 14 Jul 2018 6:27

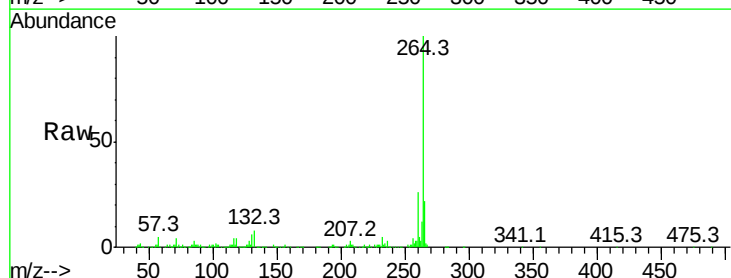
Tgt Ion:264 Resp: 373469

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 22.1 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

