

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036225.D
 Acq On : 9 Aug 2018 9:48
 Operator : JU/SJ
 Sample : J4304-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

Quant Time: Aug 09 11:30:37 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

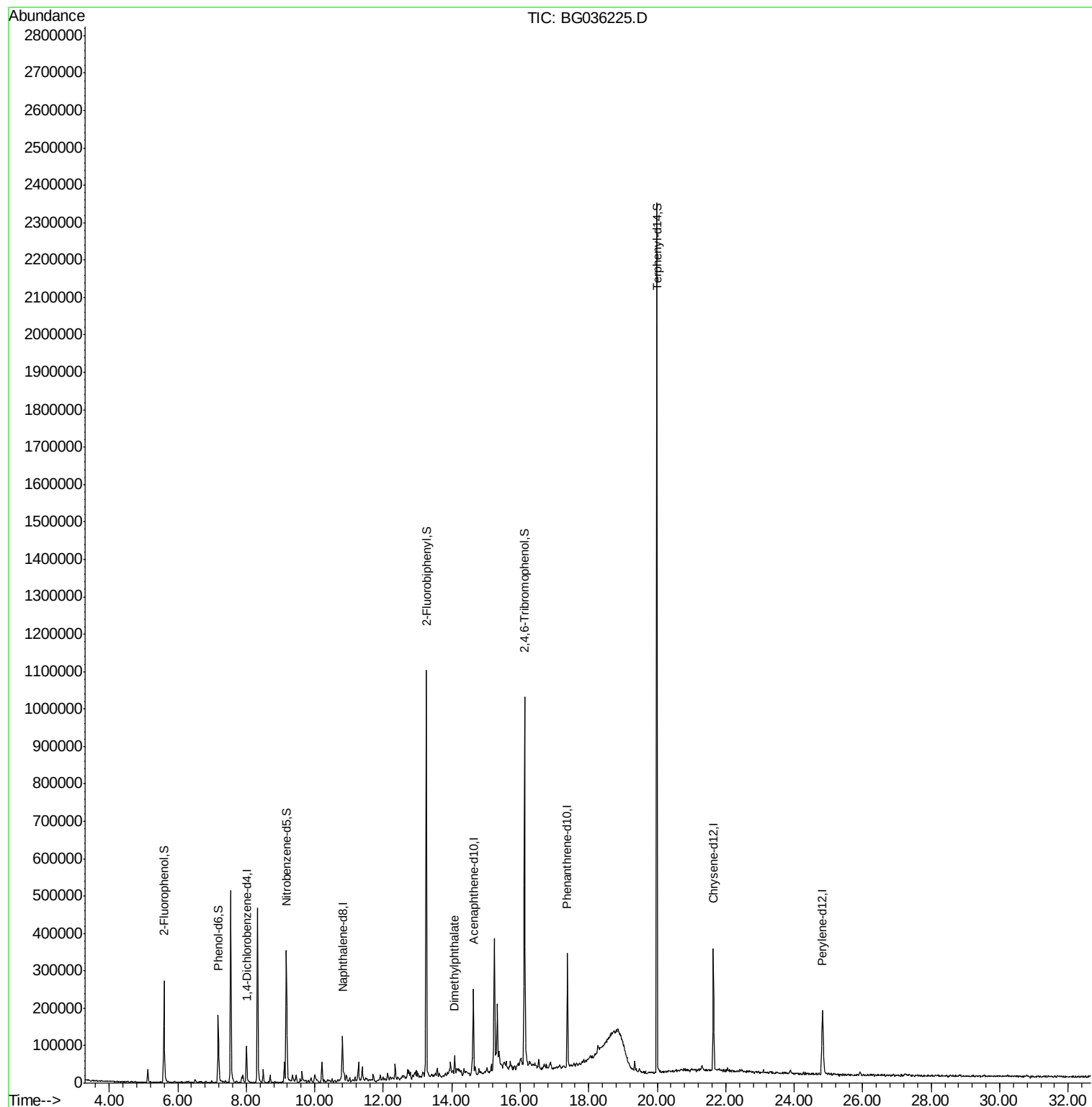
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28244	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	98991	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	72330	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	197188	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	220993	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130089	76.47	ng	0.00
7) Phenol-d6	7.18	99	119406	47.04	ng	-0.01
23) Nitrobenzene-d5	9.17	82	250382	105.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	183830	192.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	570892	105.74	ng	-0.02
78) Terphenyl-d14	19.99	244	1065066	106.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.08	163	30785	4.858	ng	Qvalue # 95

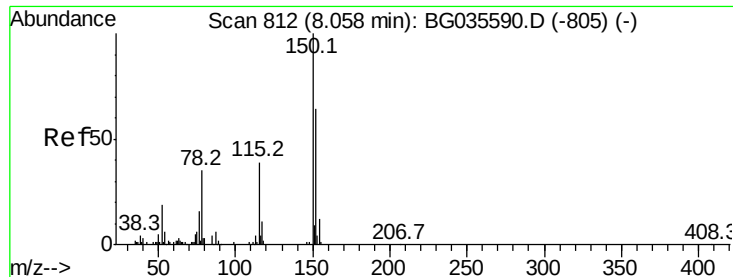
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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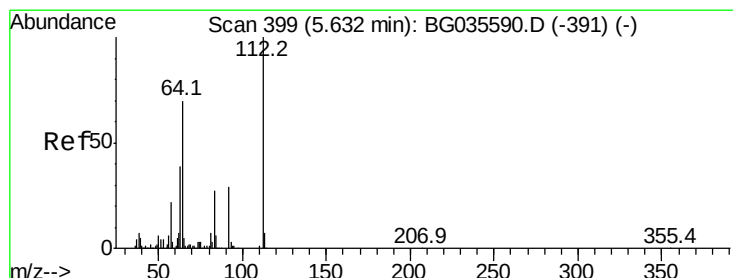
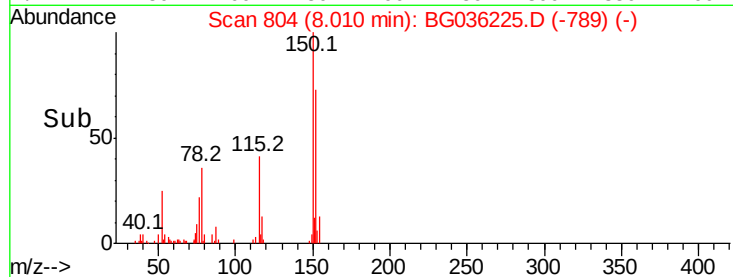
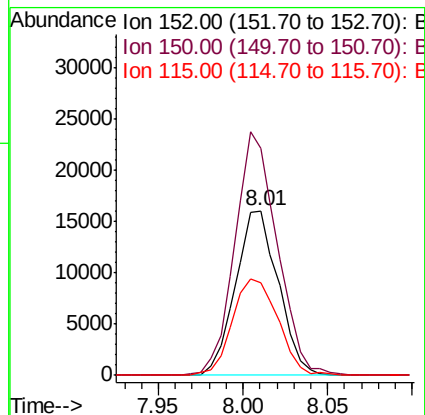
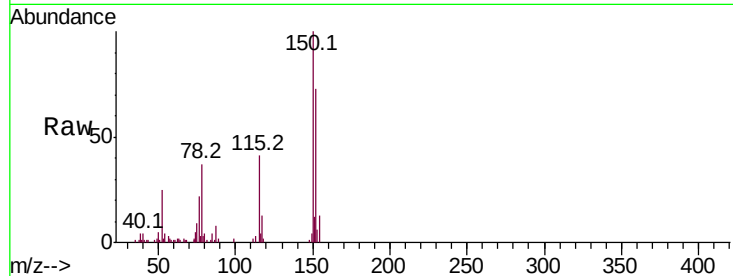


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
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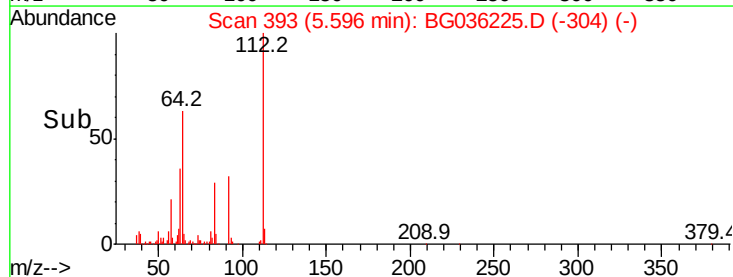
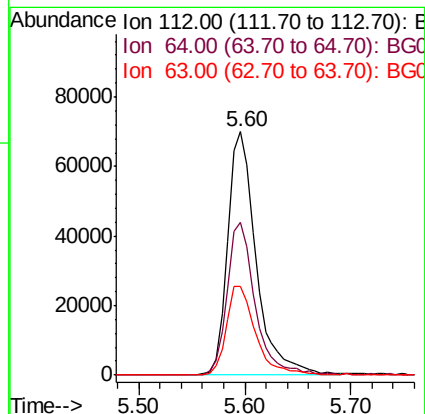
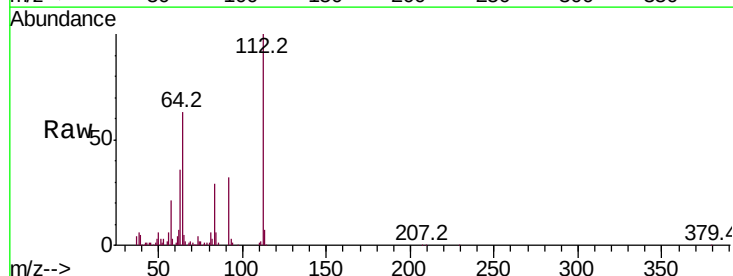
Tot Ion:152 Resp: 28244
Ion Ratio Lower Upper
152 100
150 137.7 126.6 189.8
115 56.0 53.0 79.4

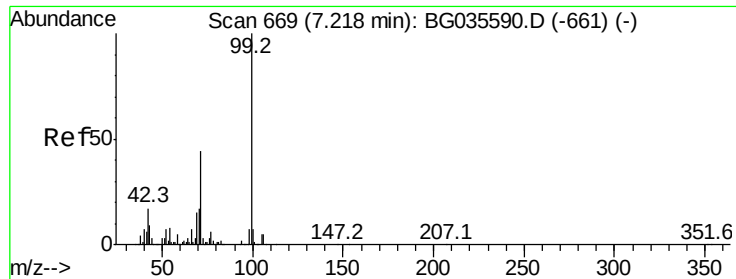


#5

2-Fluorophenol
Concen: 76.469 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:112 Resp: 130089
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 47.044 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampleId :

MW-A16

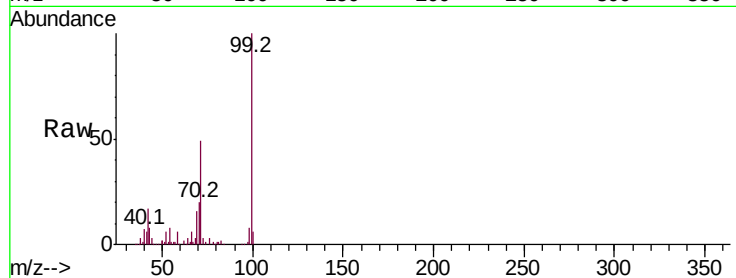
Tot Ion: 99 Resp: 119406

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

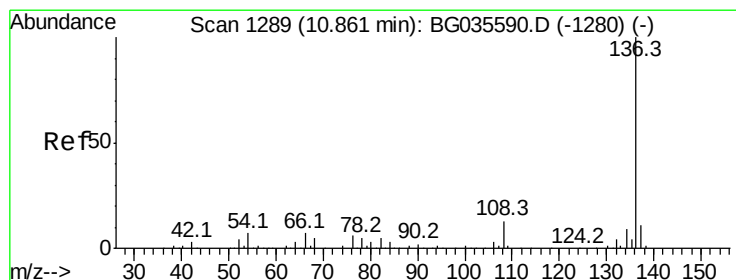
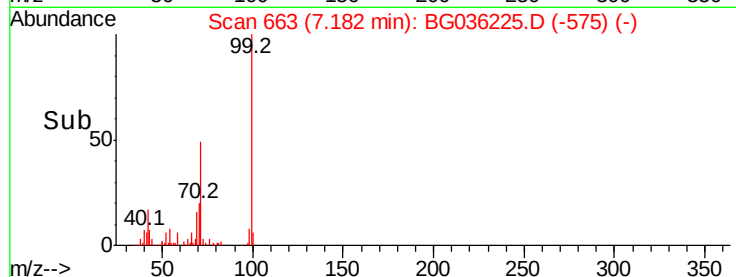
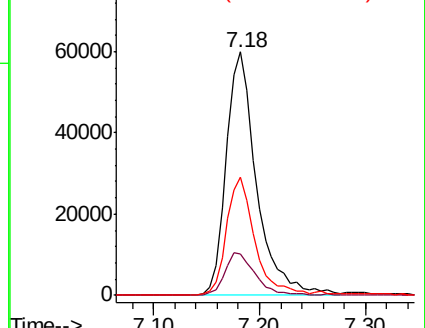
71 48.7 26.1 39.1#



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. -0.02 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Tgt Ion: 136 Resp: 98991

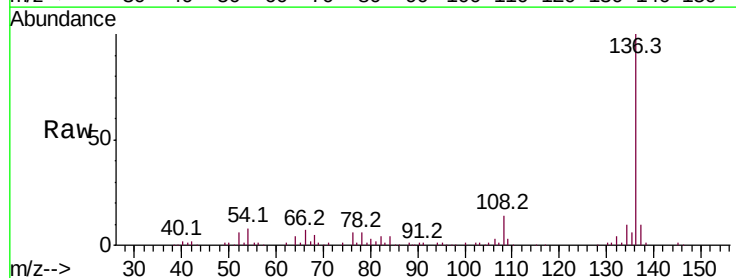
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.9 10.3 15.5#

68 5.2 4.5 6.7

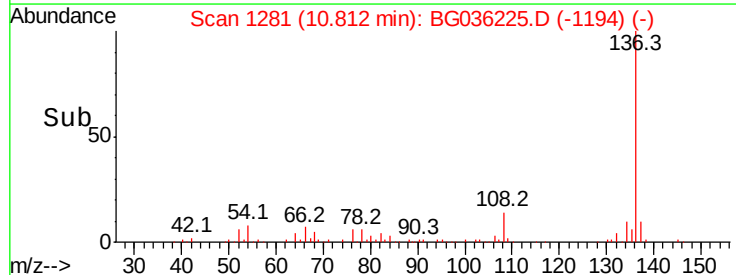
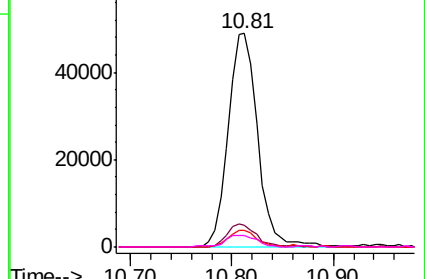


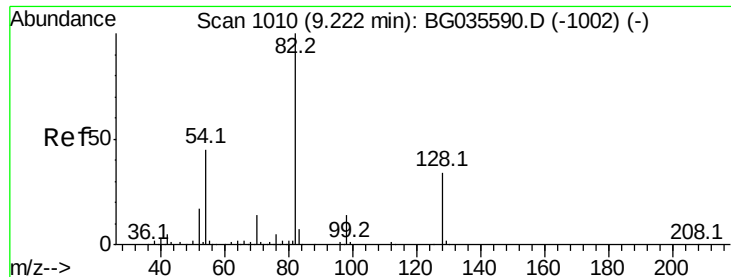
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

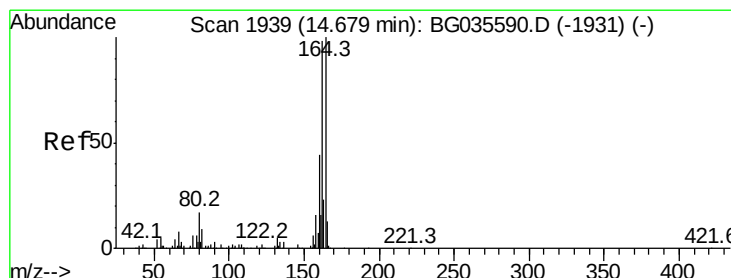
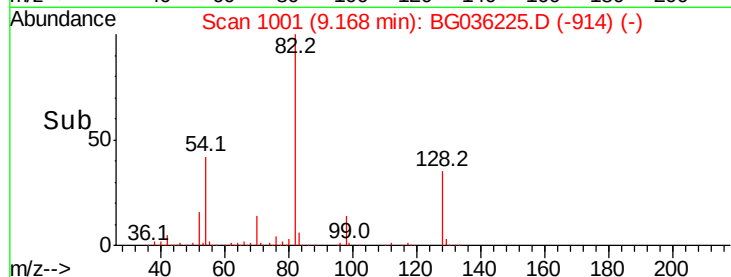
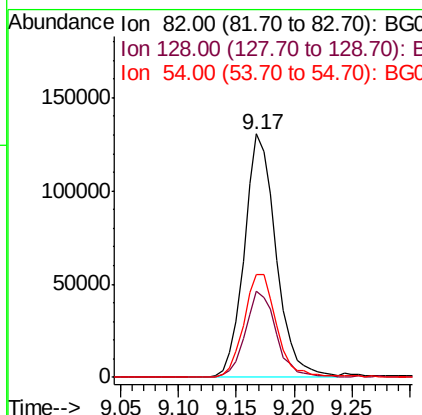
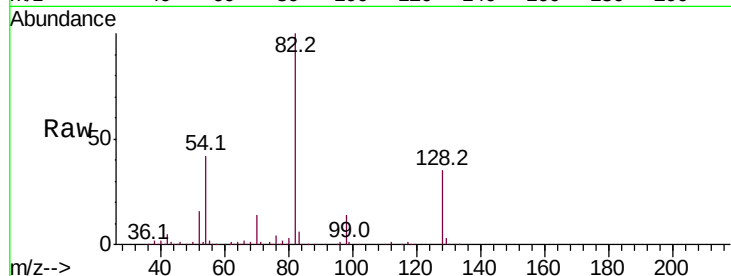




#23
 Nitrobenzene-d5
 Concen: 105.663 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

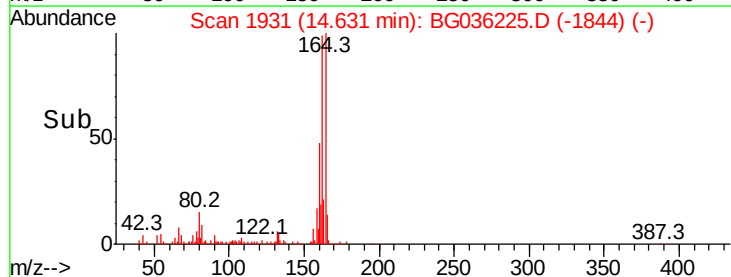
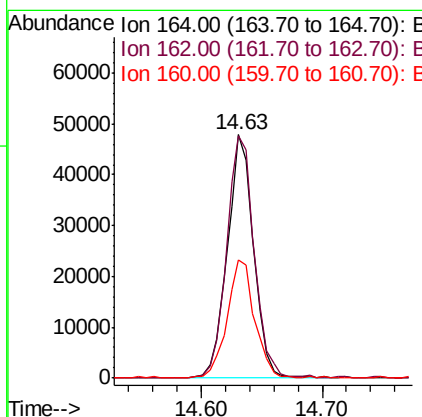
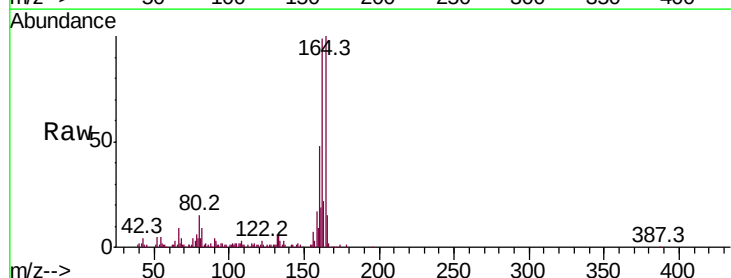
Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

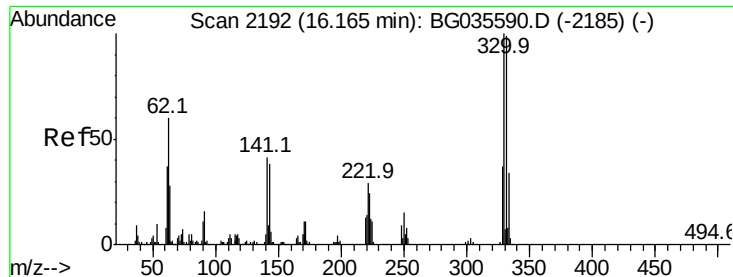
Tot Ion	82	Resp	250382
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Tgt Ion	164	Resp	72330
Ion Ratio	Lower	Upper	
164	100		
162	99.3	78.8	118.2
160	48.4	35.4	53.0

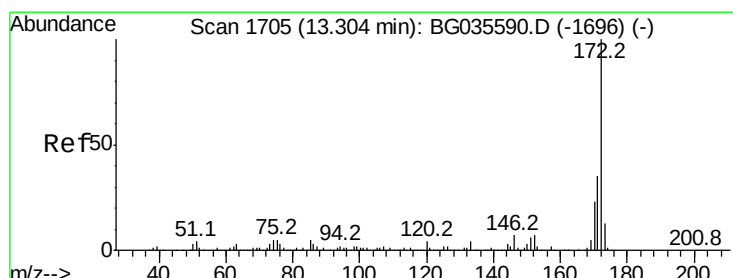
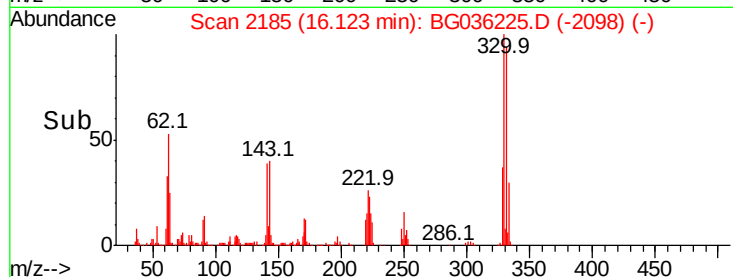
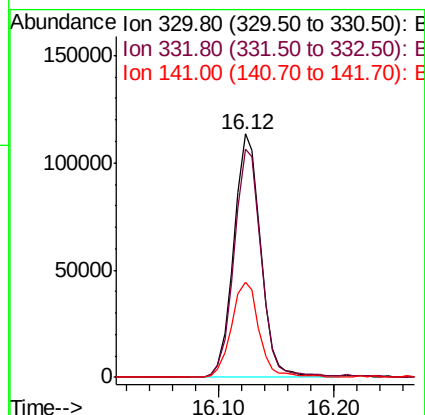
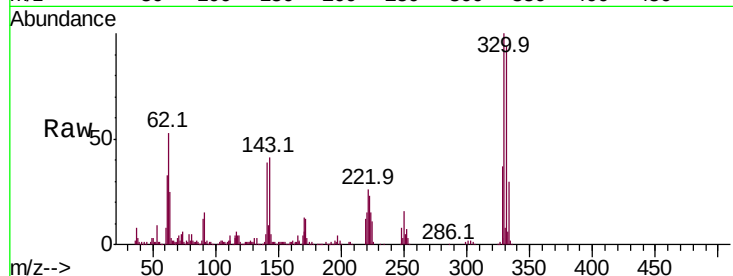




#41
 2,4,6-Tribromophenol
 Concen: 192.824 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

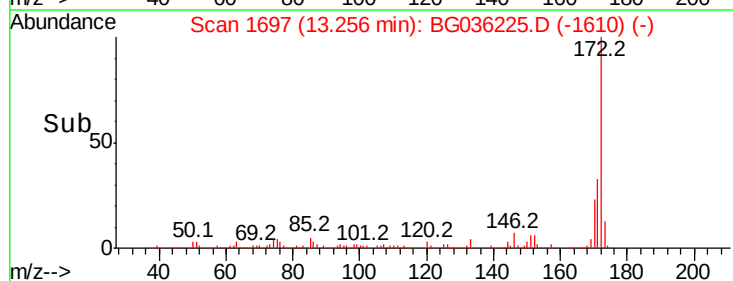
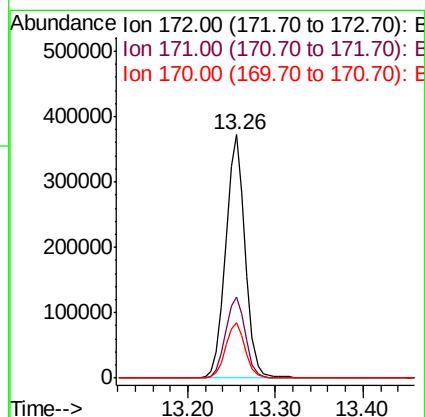
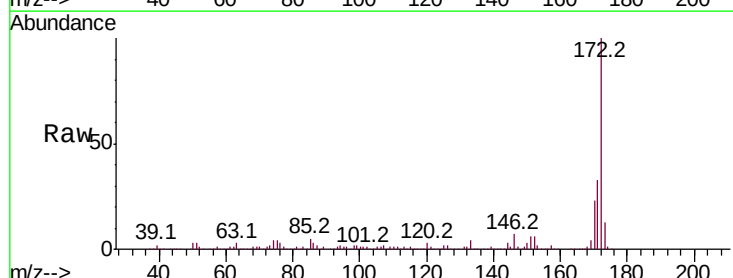
Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

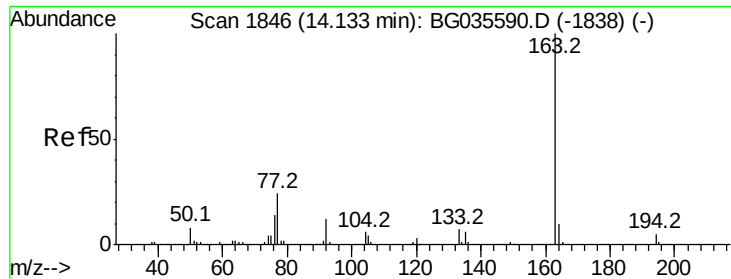
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	40.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.744 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.8	19.5	29.3





#49

Dimethylphthalate

Concen: 4.858 ng

RT: 14.08 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampleId :

MW-A16

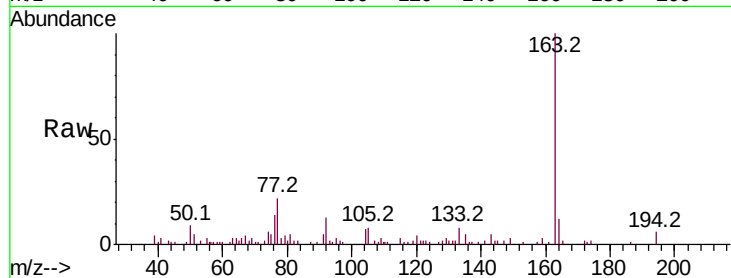
Tot Ion:163 Resp: 30785

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

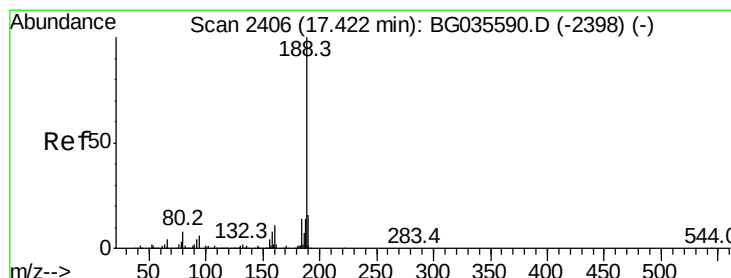
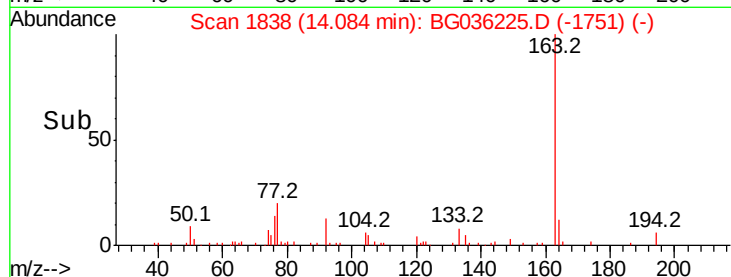
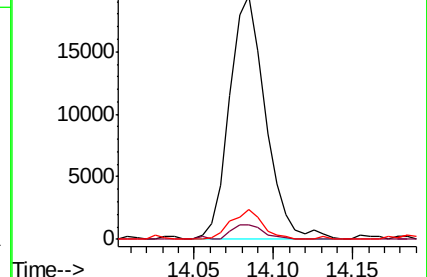
164 12.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

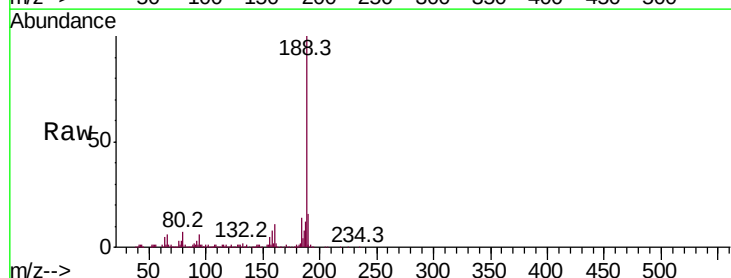
Tgt Ion:188 Resp: 197188

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

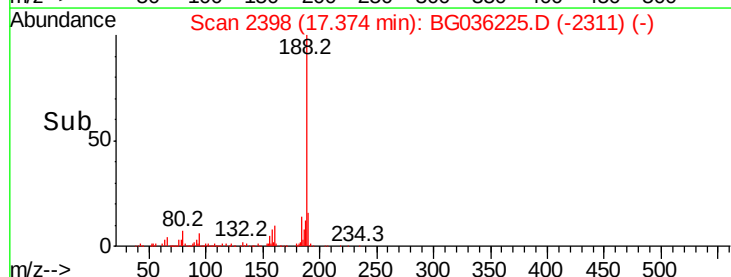
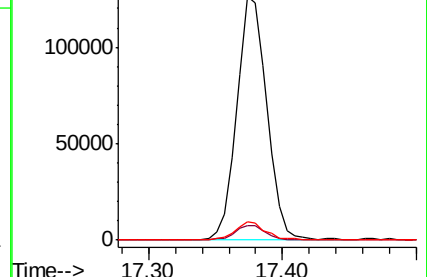
80 7.5 7.7 11.5#

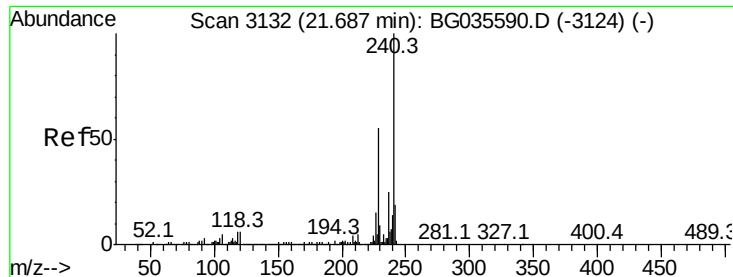


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

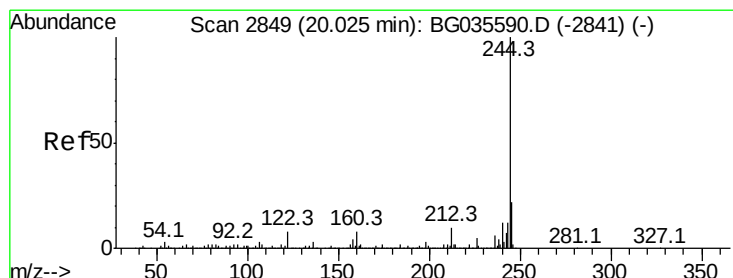
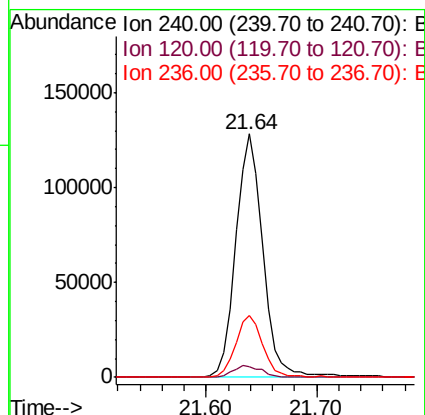
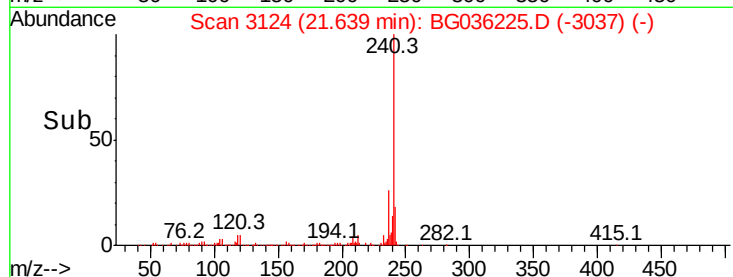
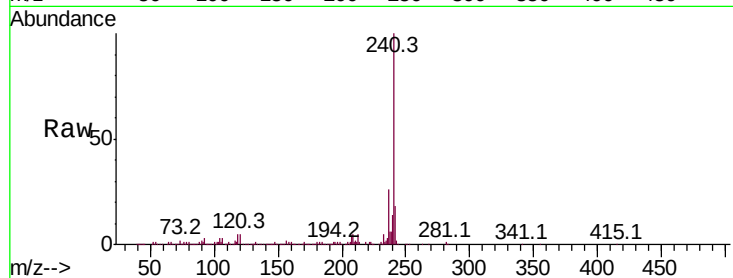




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

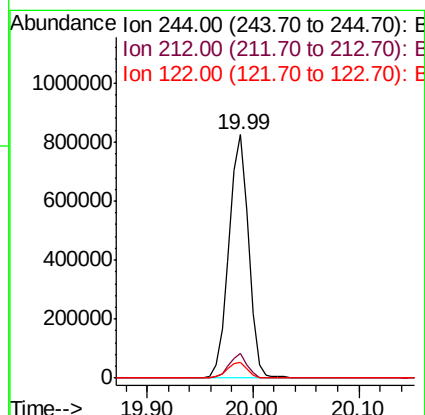
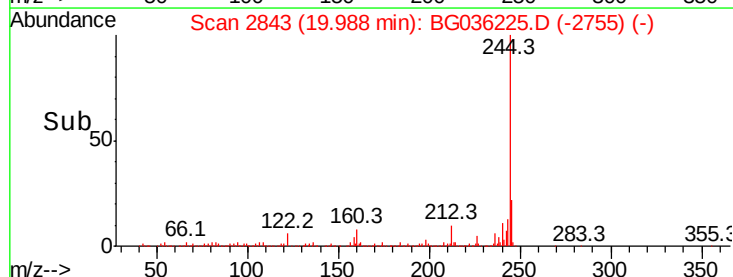
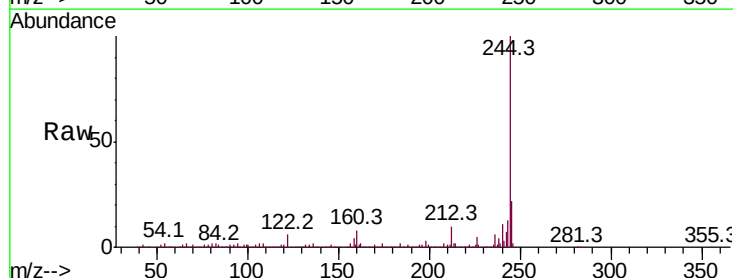
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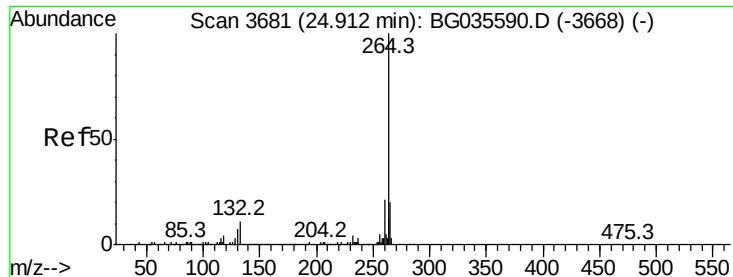
Tot Ion:240 Resp: 220993
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 25.5 20.9 31.3



#78
 Terphenyl-d14
 Concen: 106.235 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Tgt Ion:244 Resp: 1065066
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.8#
 122 6.3 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.5	17.7	26.5

