

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036292.D
 Acq On : 11 Aug 2018 7:52
 Operator : JU/SJ
 Sample : J4392-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JTY-WC-S-1-1-62

Quant Time: Aug 13 00:48:31 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

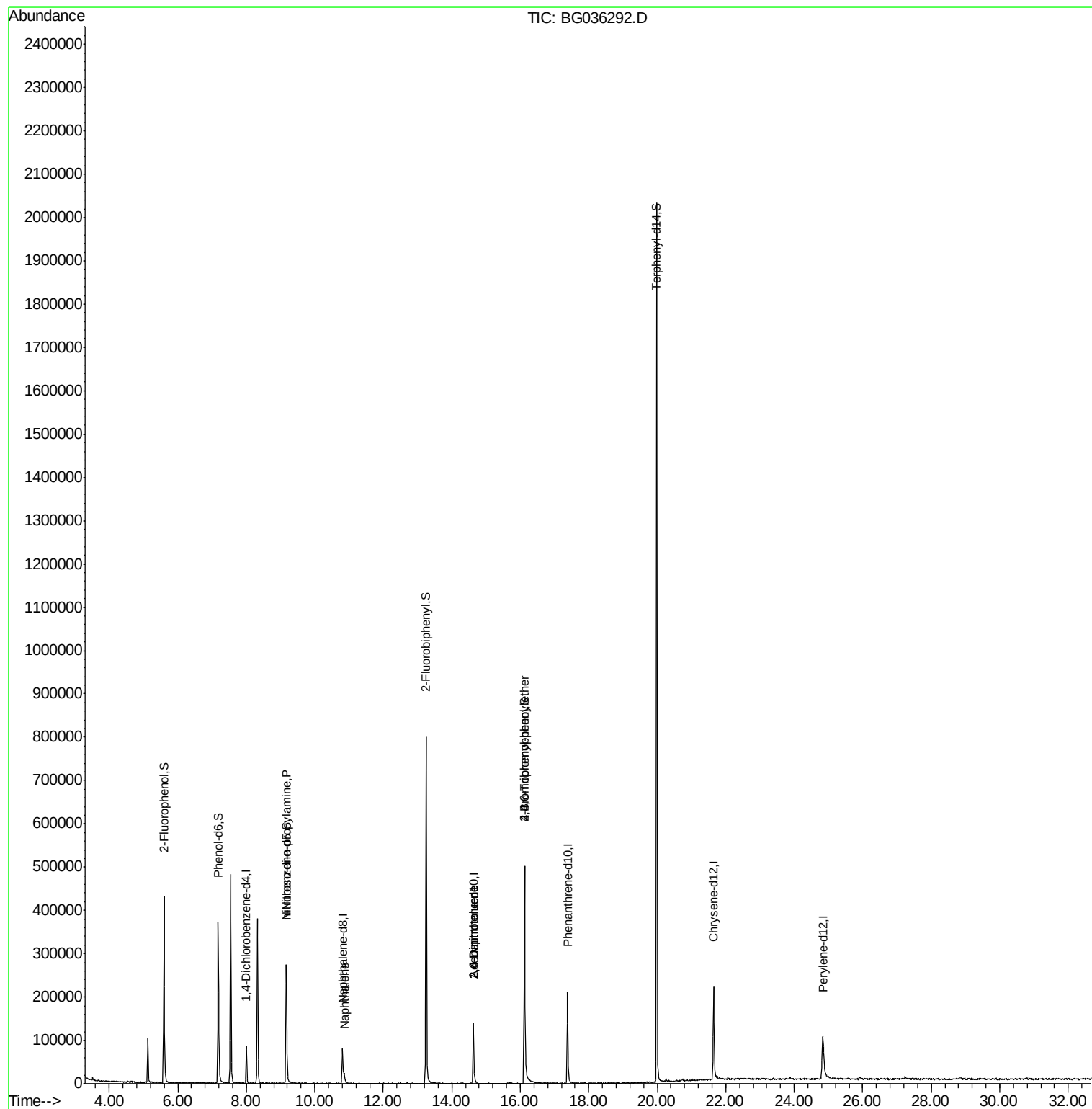
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24052	20.00	ng	-0.03
21) Naphthalene-d8	10.81	136	84519	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	61506	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	172422	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	184230	20.00	ng	-0.01
86) Perylene-d12	24.84	264	164345	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	191559	132.23	ng	0.00
7) Phenol-d6	7.18	99	241097	111.54	ng	-0.01
23) Nitrobenzene-d5	9.17	82	210431	104.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	122505	151.11	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	468579	102.07	ng	-0.03
78) Terphenyl-d14	19.98	244	1011645	121.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29301	16.098	ng	# 66
31) Naphthalene	10.87	128	21487	4.880	ng	# 92
50) 2,6-Dinitrotoluene	14.63	165	8512	7.757	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8512	5.407	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	9847	4.923	ng	# 1

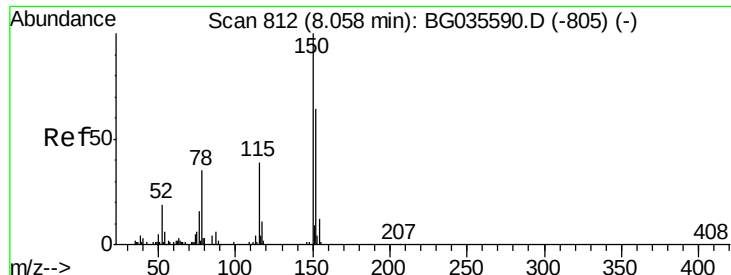
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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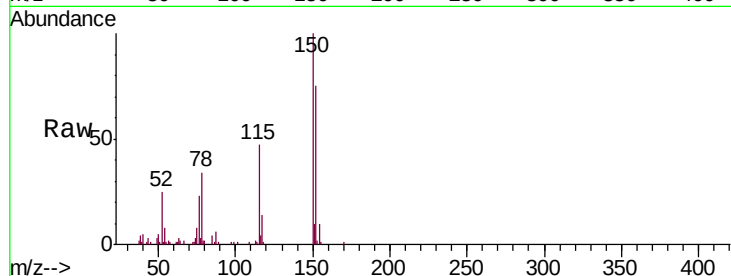


#1

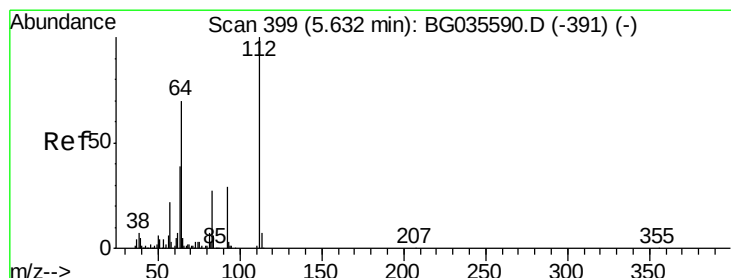
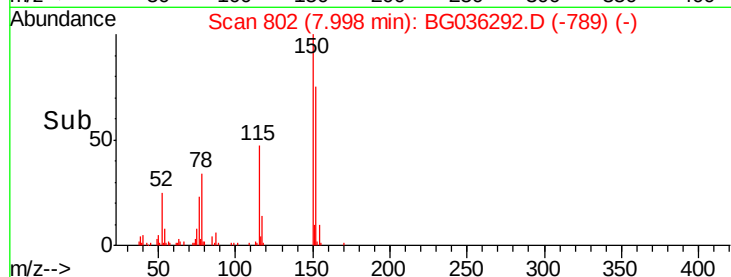
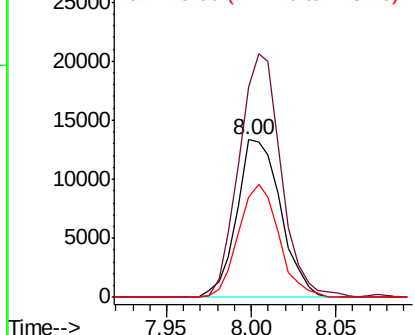
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.03 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

Instrument :
BNA_G
ClientSampleId :
JTY-WC-S-1-1-62

Tgt Ion:152 Resp: 24052
Ion Ratio Lower Upper
152 100
150 133.8 126.6 189.8
115 63.4 53.0 79.4



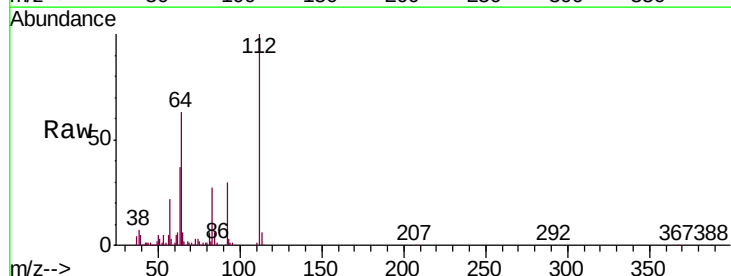
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



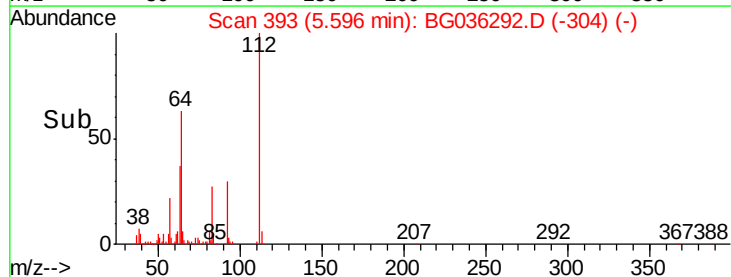
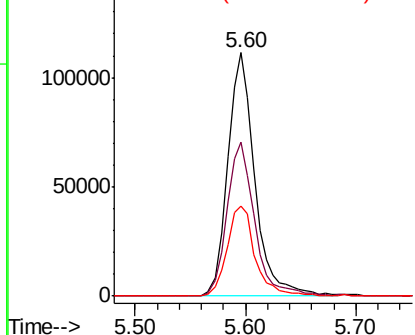
#5

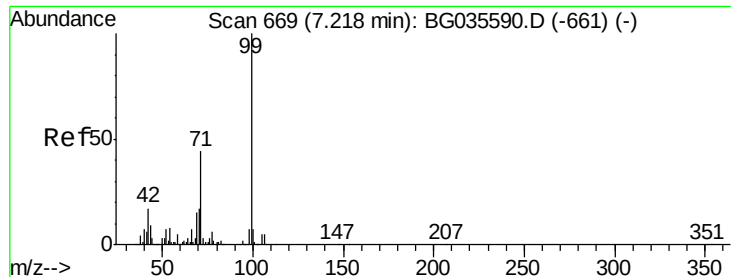
2-Fluorophenol
Concen: 132.227 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

Tgt Ion:112 Resp: 191559
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 37.2 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: 111.544 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

Instrument :

BNA_G

ClientSampleId :

JTY-WC-S-1-1-62

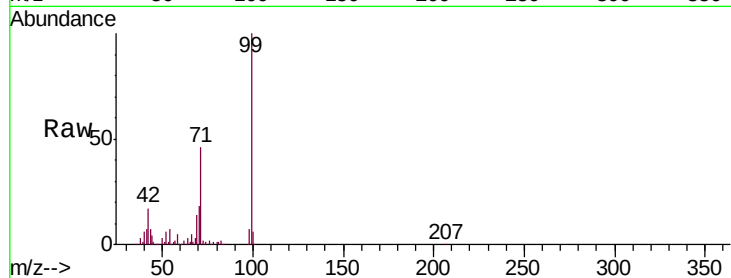
Tgt Ion: 99 Resp: 241097

Ion Ratio Lower Upper

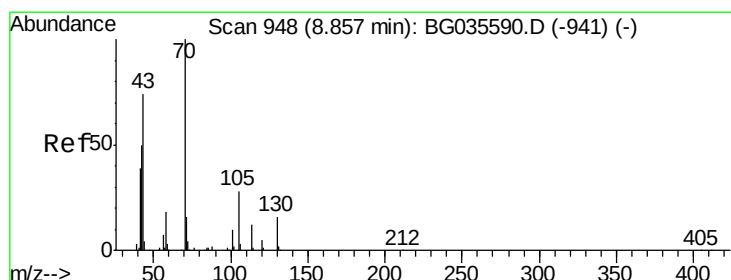
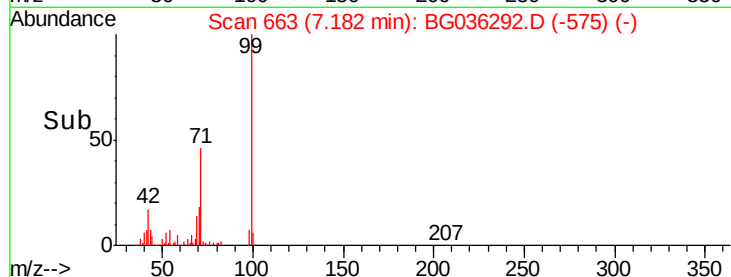
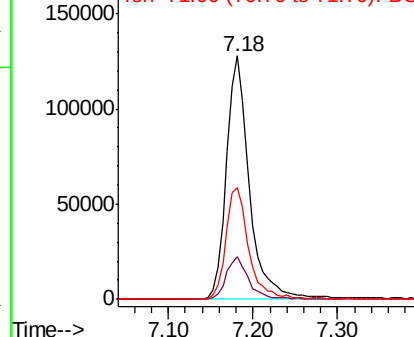
99 100

42 17.4 14.1 21.1

71 45.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.098 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

Tgt Ion: 70 Resp: 29301

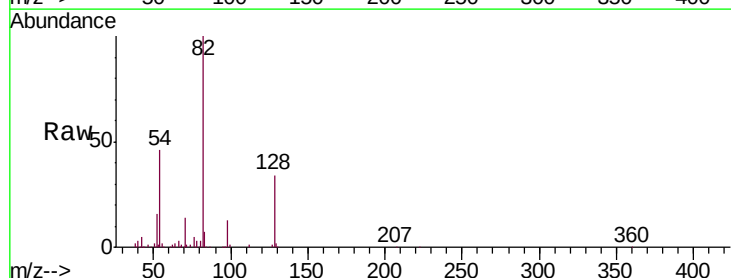
Ion Ratio Lower Upper

70 100

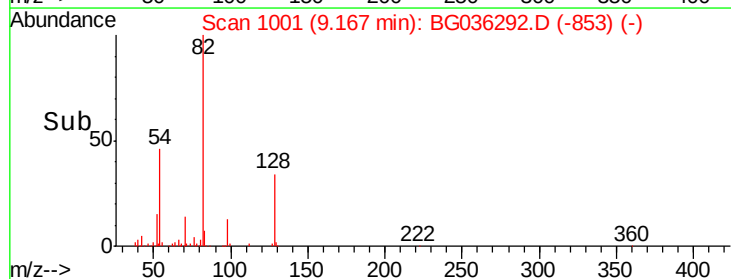
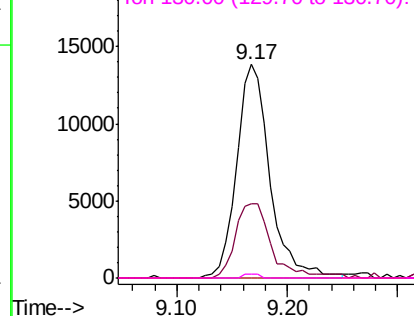
42 34.7 49.1 73.7#

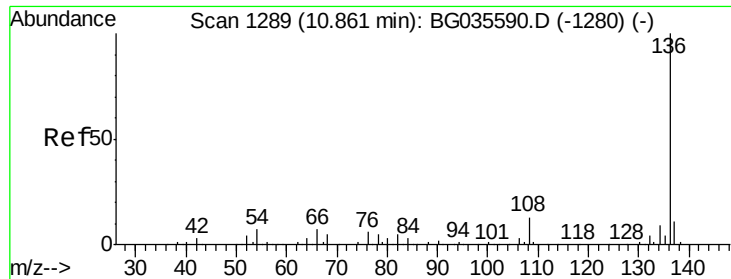
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

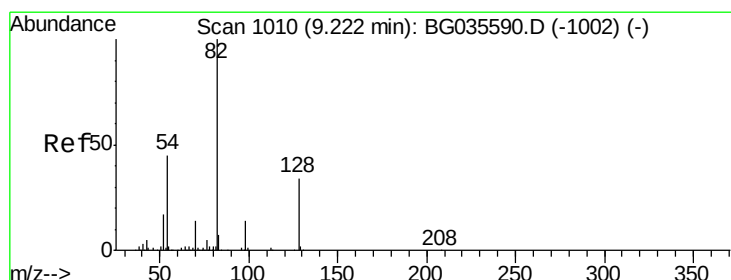
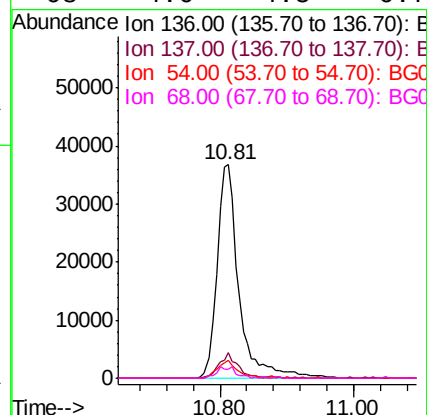
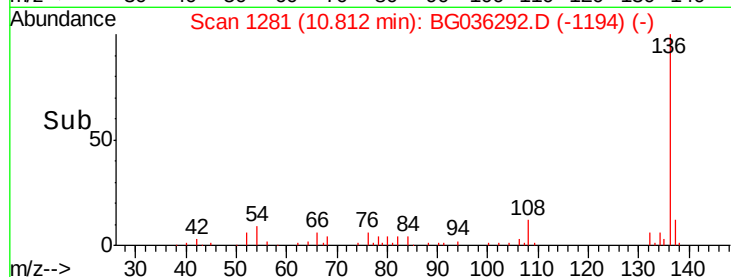
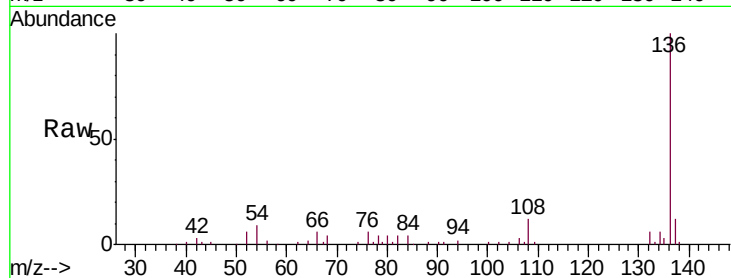




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

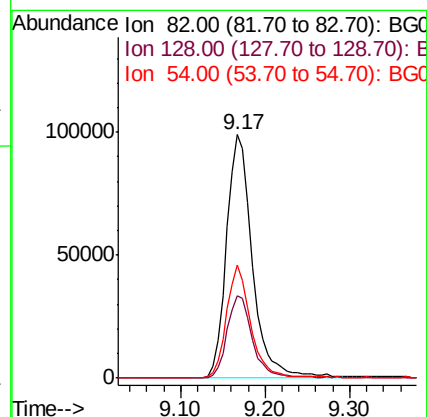
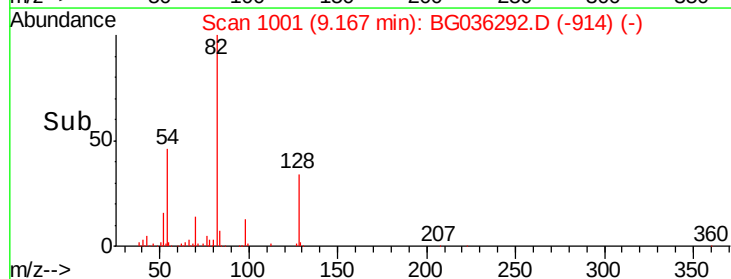
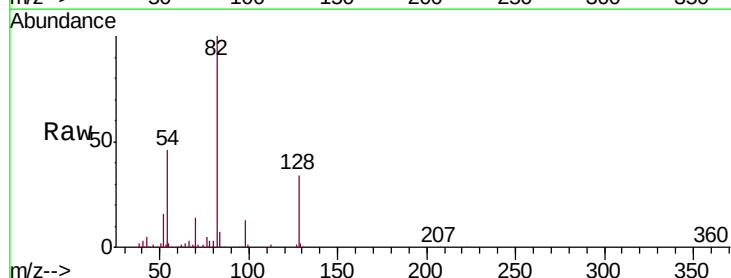
Instrument :
BNA_G
ClientSampleId :
JTY-WC-S-1-1-62

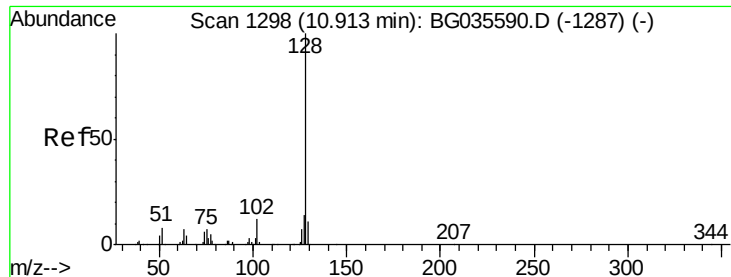
Tgt Ion:	136	Resp:	84519
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	8.7	10.3	15.5#
68	4.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 104.009 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

Tgt Ion:	82	Resp:	210431
Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	46.4	43.1	64.7

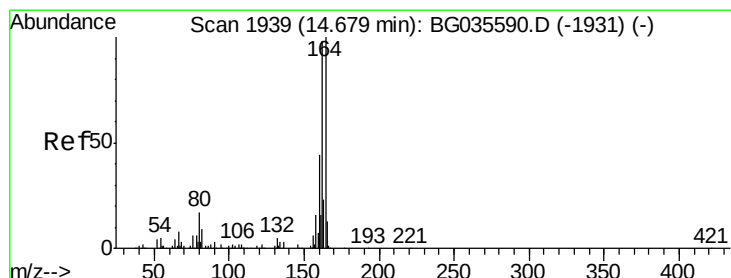
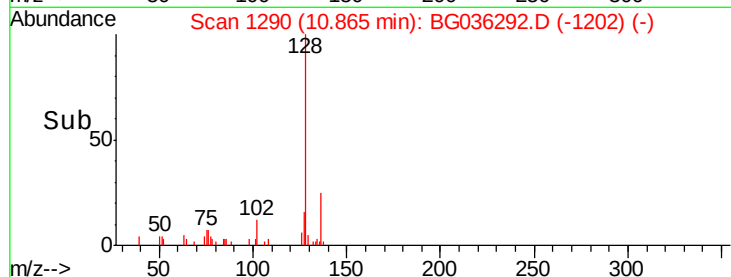
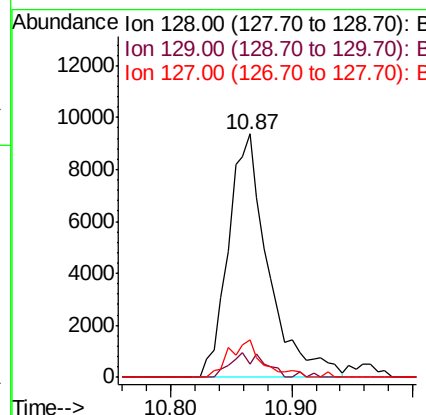
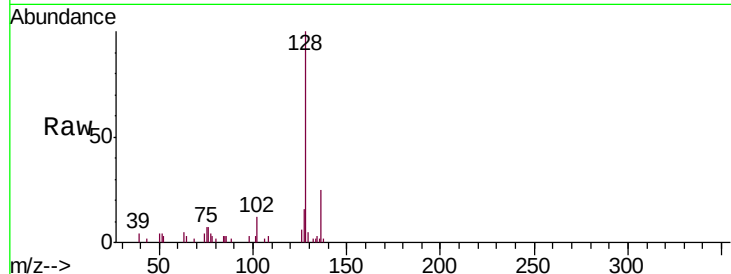




#31
Naphthalene
Concen: 4.880 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

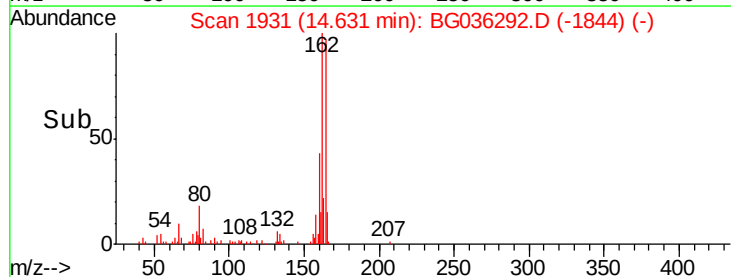
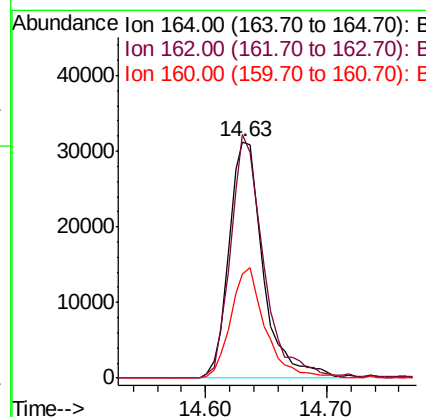
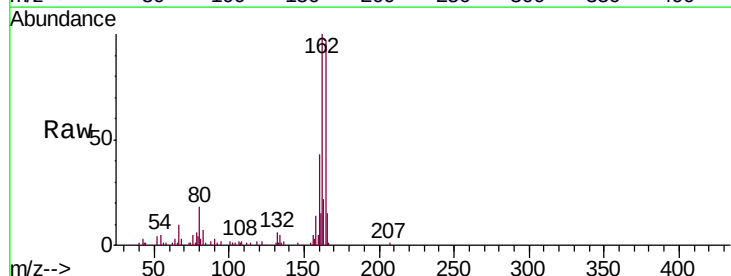
Instrument :
BNA_G
ClientSampleId :
JTY-WC-S-1-1-62

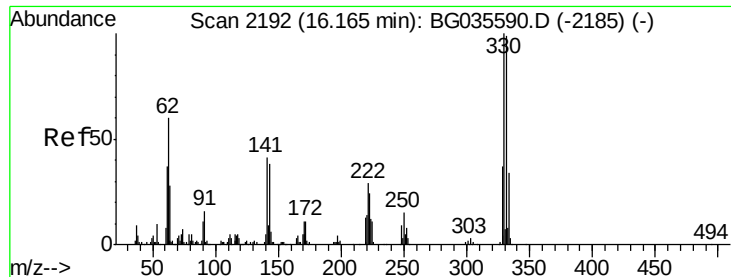
Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.3	8.6	12.8#
127	15.6	11.6	17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.1	35.4	53.0

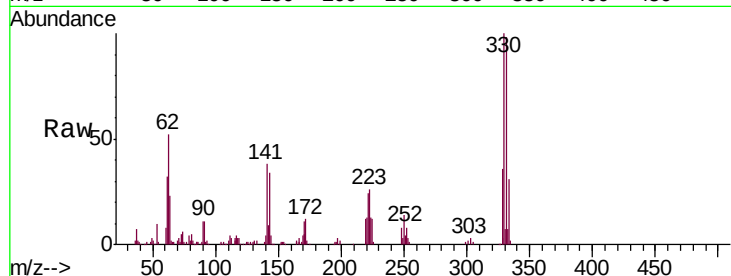




#41
 2,4,6-Tribromophenol
 Concen: 151.112 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

Instrument :
 BNA_G
 ClientSampleId :
 JTY-WC-S-1-1-62

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	40.5	25.2	37.8#

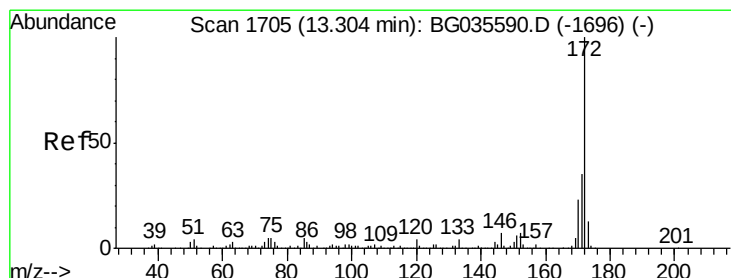
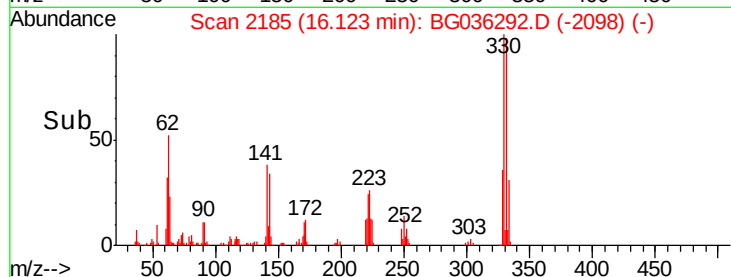
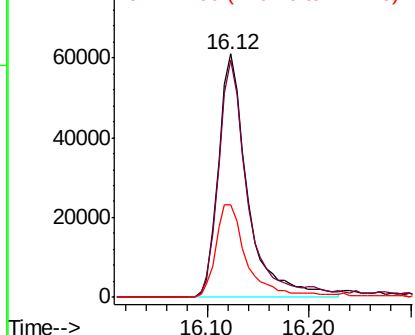


Abundance

Ion 329.80 (329.50 to 330.50): E

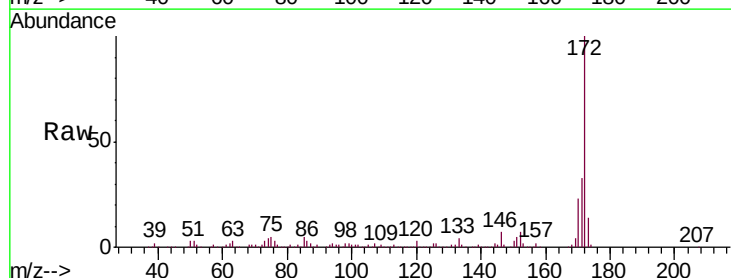
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.067 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	23.0	19.5	29.3

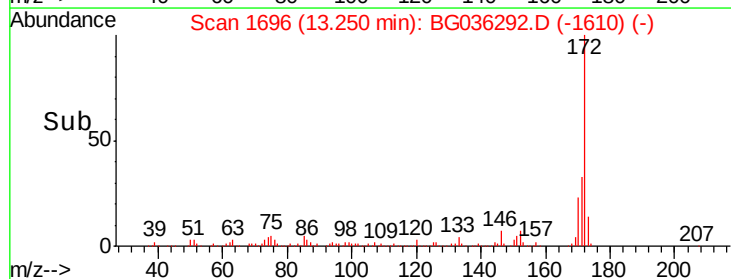
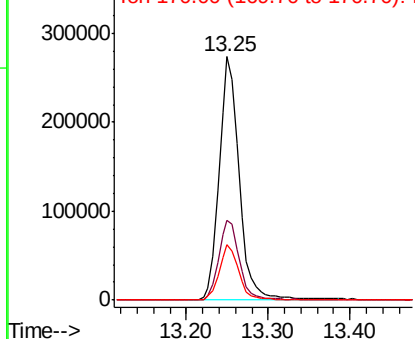


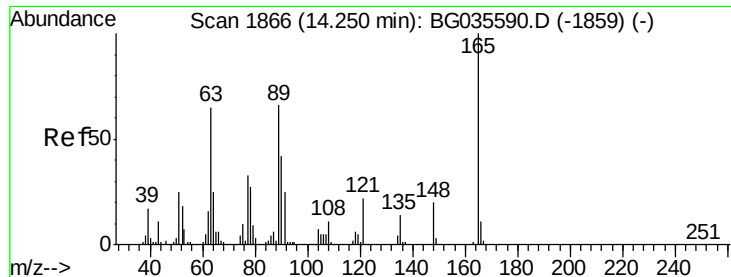
Abundance

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

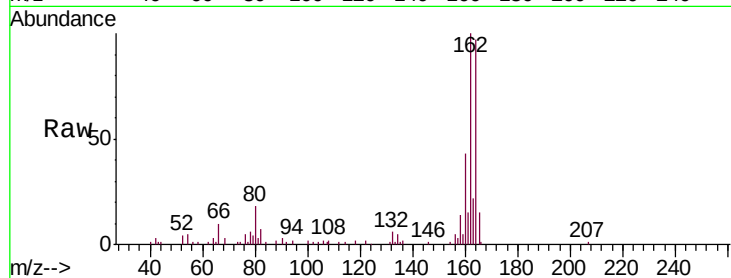




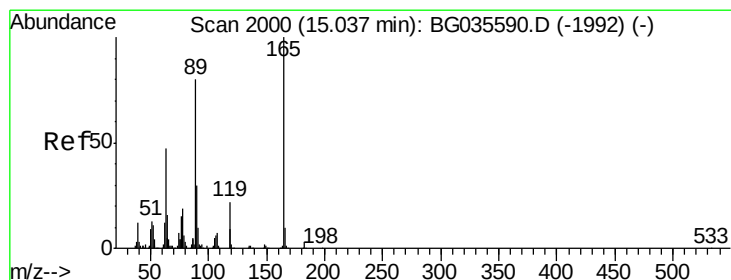
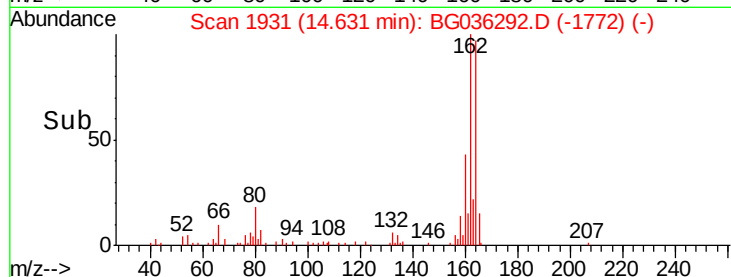
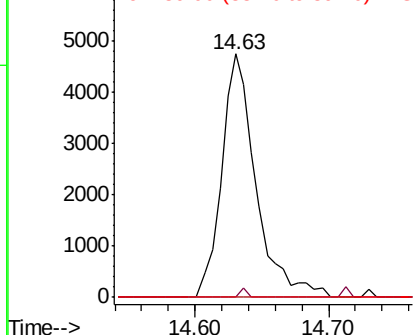
#50
 2,6-Dinitrotoluene
 Concen: 7.757 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

Instrument :
 BNA_G
 ClientSampleId :
 JTY-WC-S-1-1-62

Tgt Ion:165 Resp: 8512
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

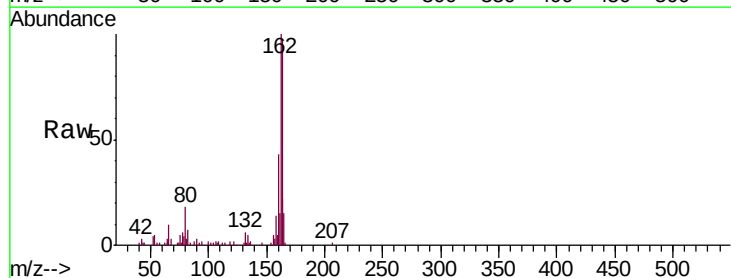


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

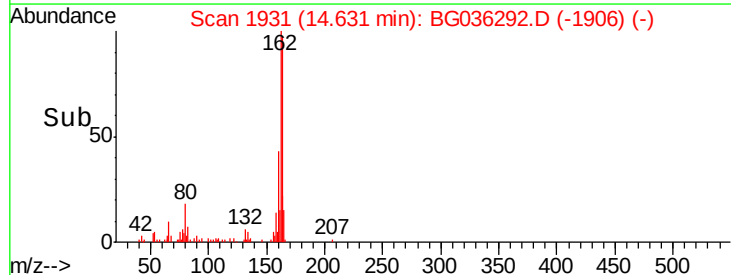
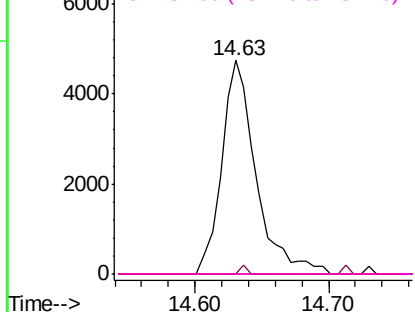


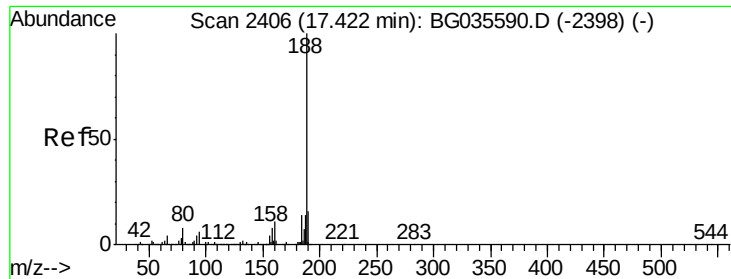
#56
 2,4-Dinitrotoluene
 Concen: 5.407 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

Tgt Ion:165 Resp: 8512
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

Instrument :

BNA_G

ClientSampleId :

JTY-WC-S-1-1-62

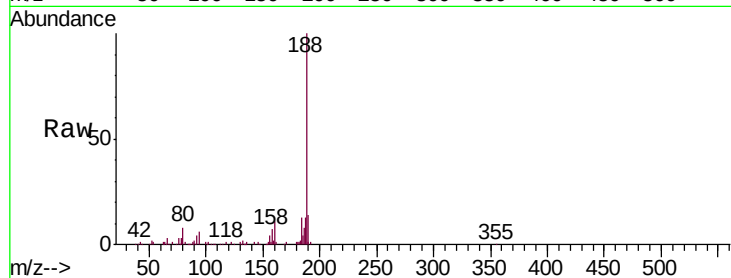
Tgt Ion:188 Resp: 172422

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

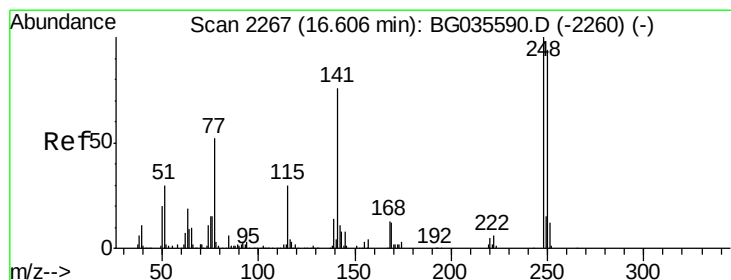
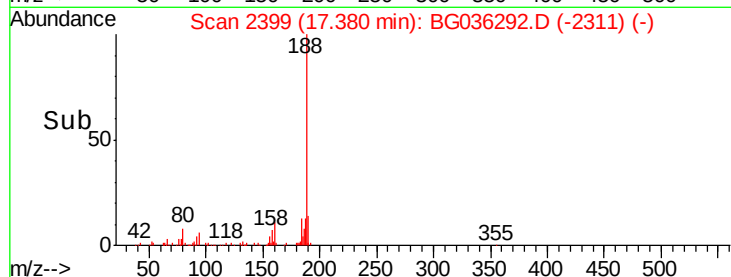
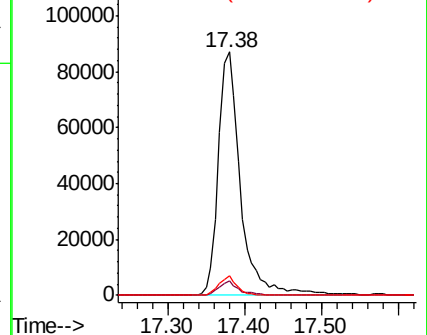
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#66

4-Bromophenyl-phenylether

Concen: 4.923 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

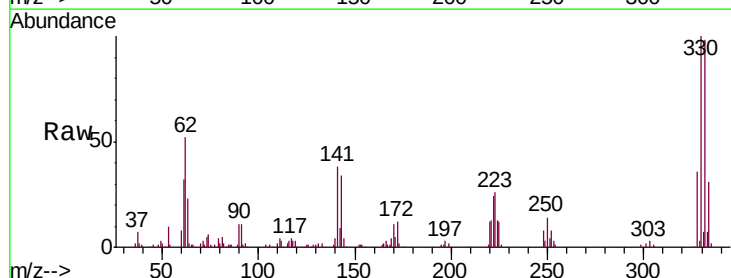
Tgt Ion:248 Resp: 9847

Ion Ratio Lower Upper

248 100

250 180.2 77.1 115.7#

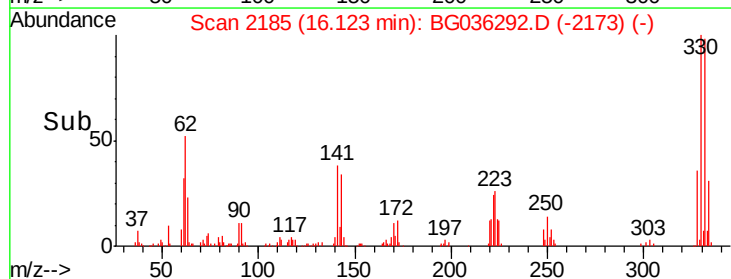
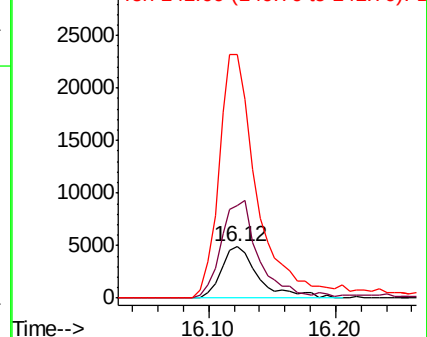
141 475.1 50.8 76.2#

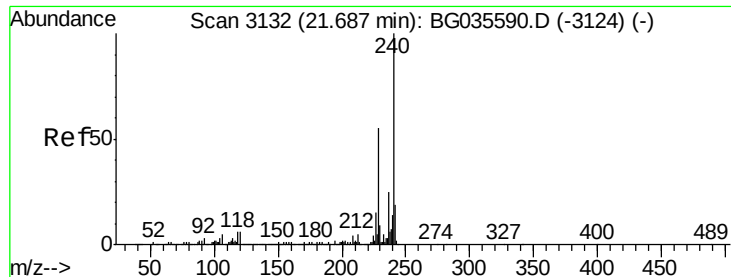


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

Instrument :

BNA_G

ClientSampleId :

JTY-WC-S-1-1-62

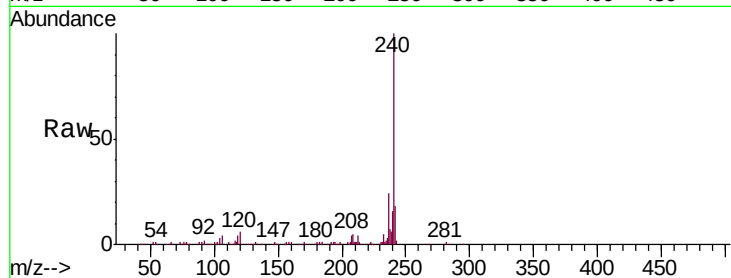
Tgt Ion:240 Resp: 184230

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

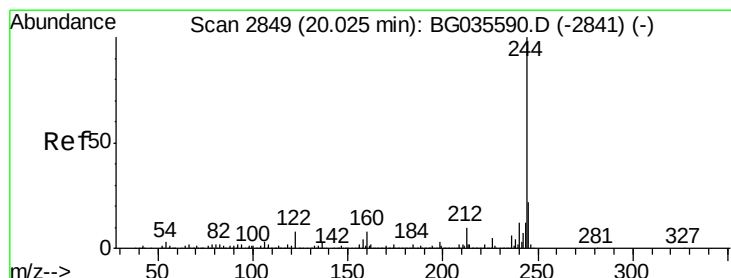
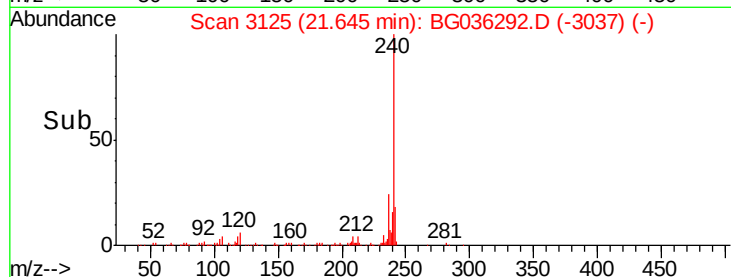
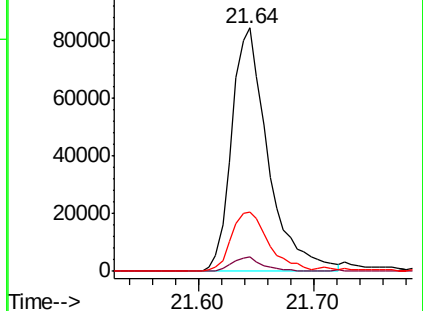
236 24.5 20.9 31.3



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: 121.043 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036292.D

Acq: 11 Aug 2018 7:52

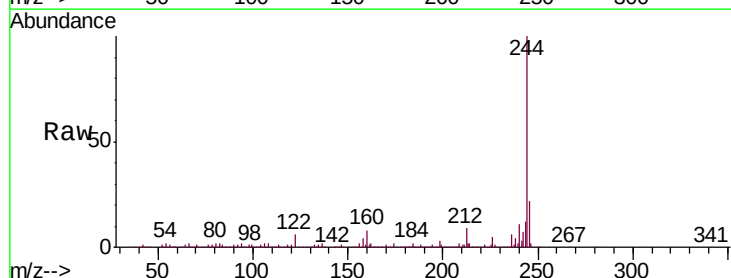
Tgt Ion:244 Resp: 1011645

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

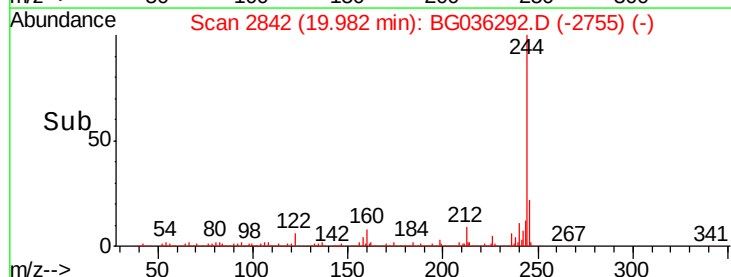
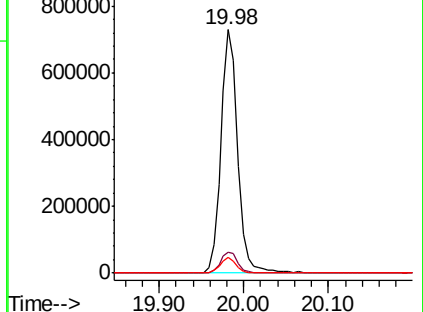
122 6.3 7.0 10.4#

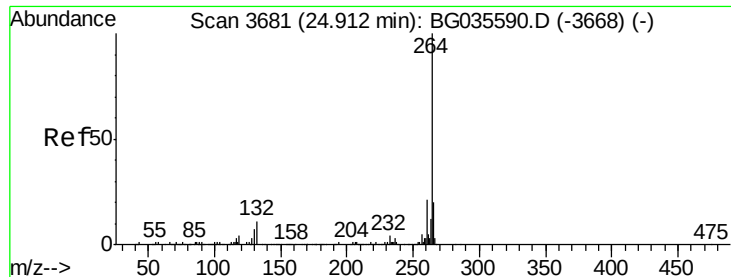


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

Instrument :
BNA_G
ClientSampleId :
JTY-WC-S-1-1-62

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	19.6	17.7	26.5

