

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 01:07:36 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

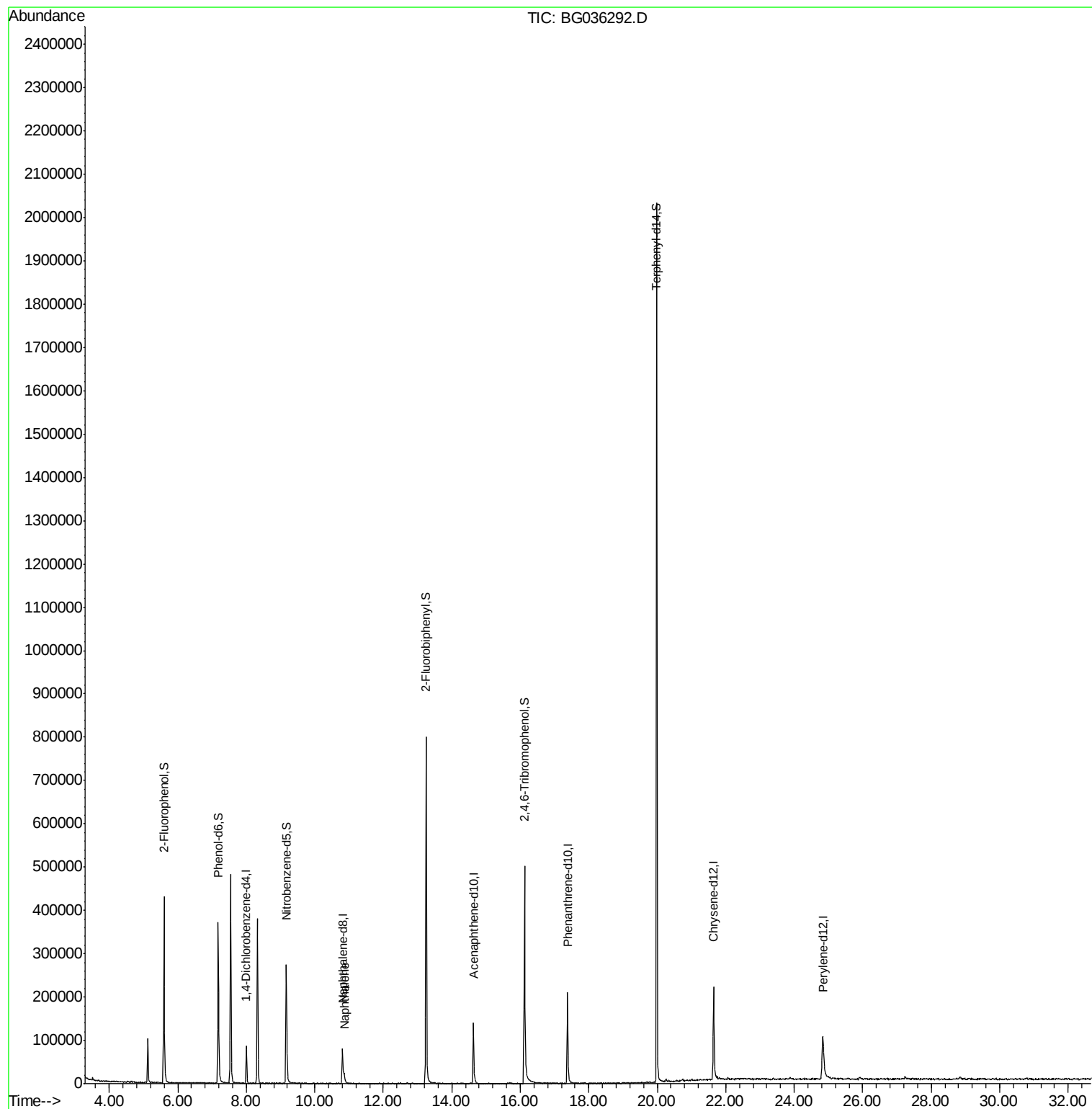
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24052	20.00	ng	-0.03
21) Naphthalene-d8	10.81	136	84519	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	61506	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	172422	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	184230	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						
31) Naphthalene	10.87	128	21487	4.880	ng	Qvalue # 92

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

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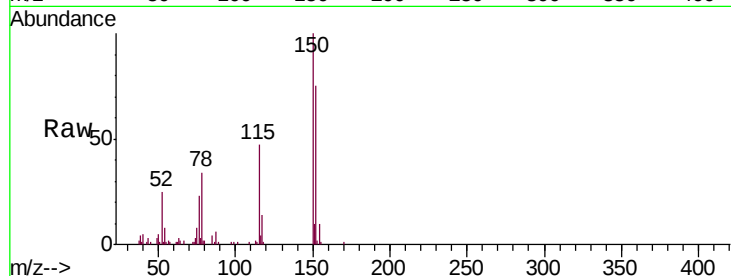


#1

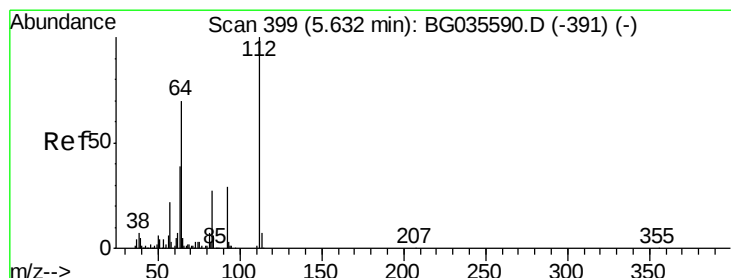
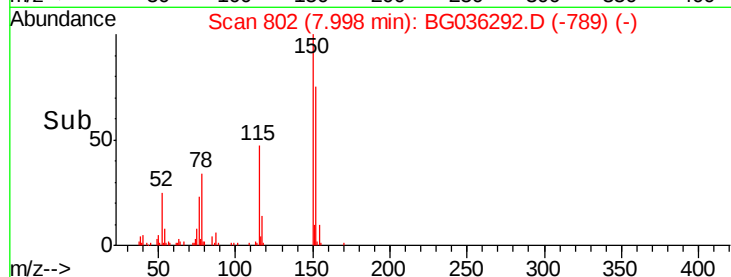
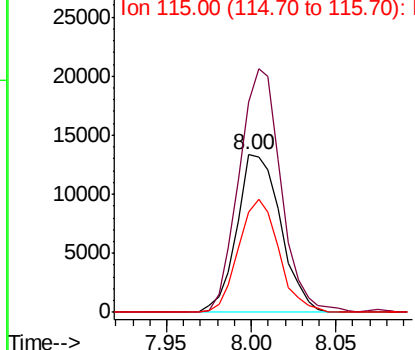
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.03 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

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



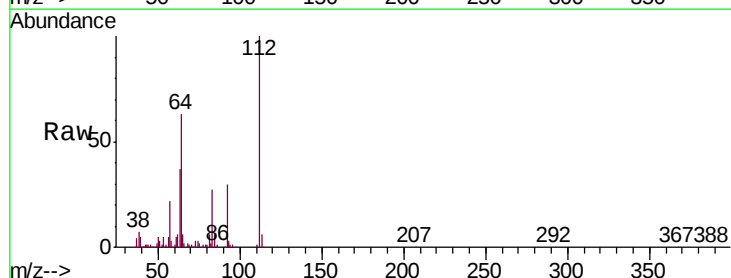
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



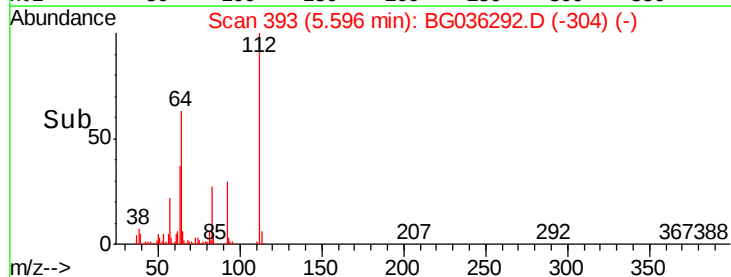
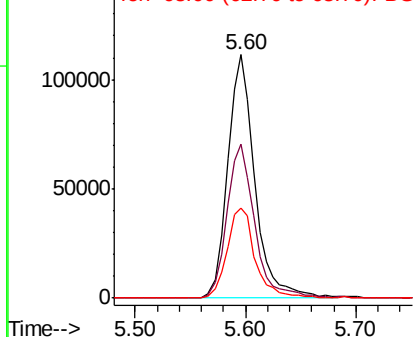
#5

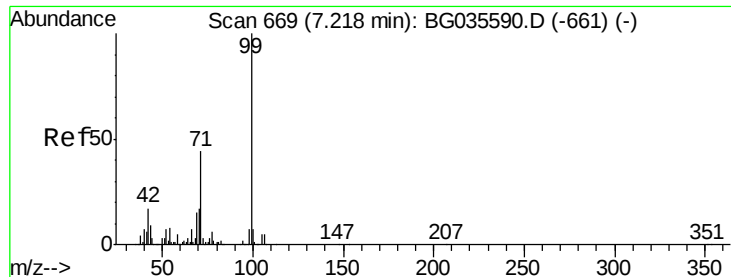
2-Fluorophenol
Concen: 132.227 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

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

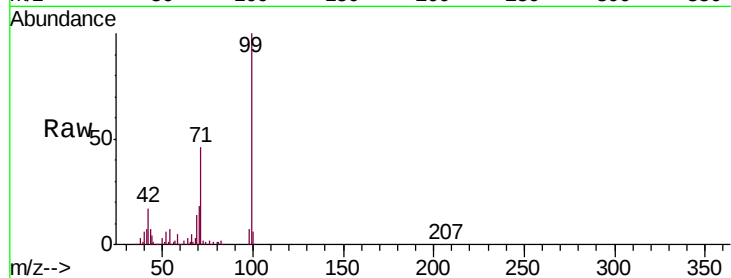
Tgt Ion: 99 Resp: 241097

Ion Ratio Lower Upper

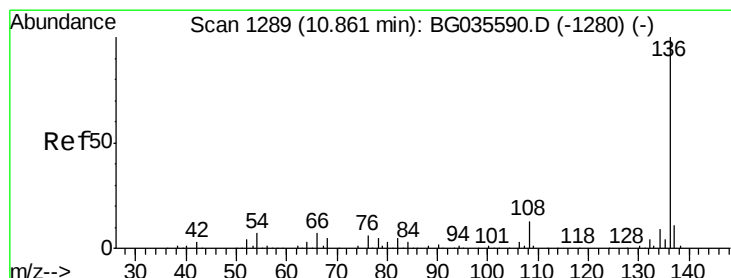
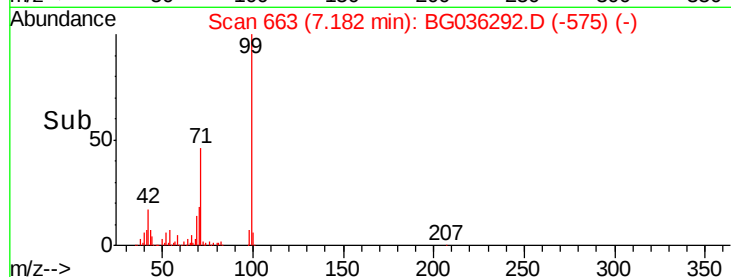
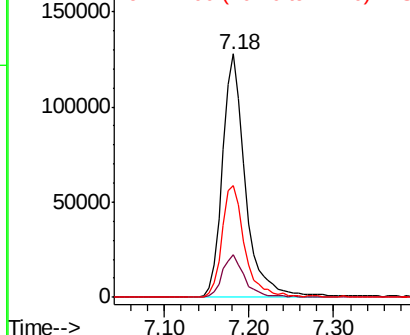
99 100

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



#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

Tgt Ion: 136 Resp: 84519

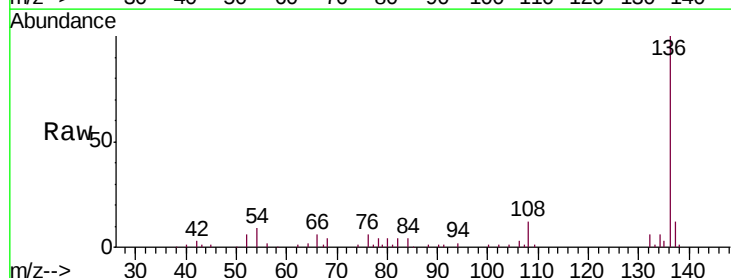
Ion Ratio Lower Upper

136 100

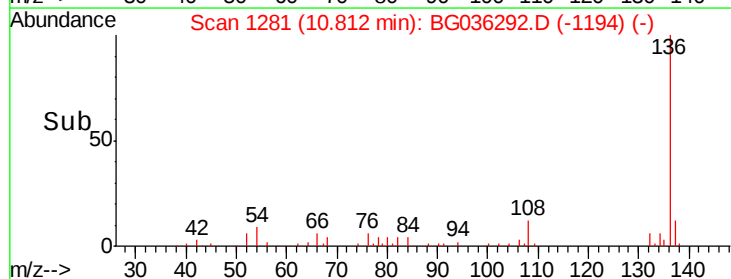
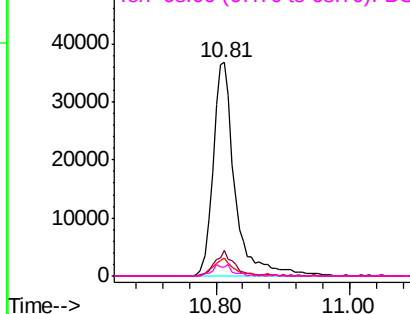
137 12.1 9.2 13.8

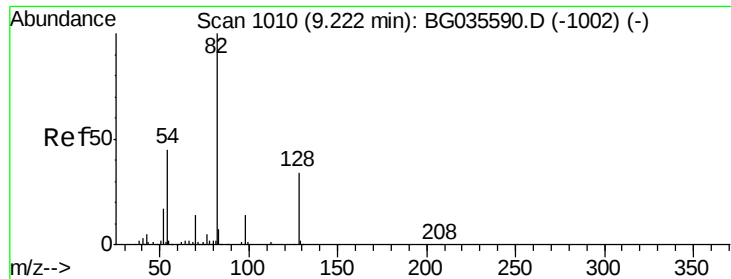
54 8.7 10.3 15.5#

68 4.0 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

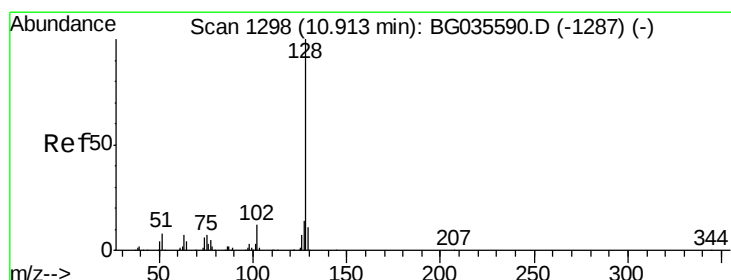
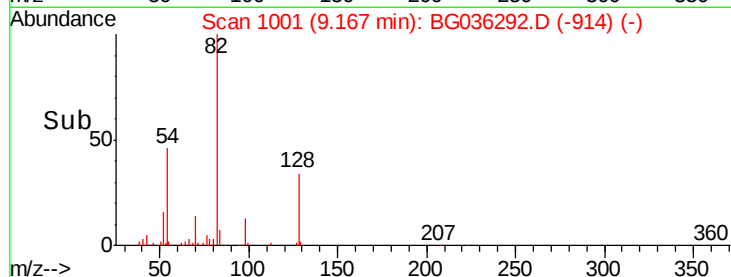
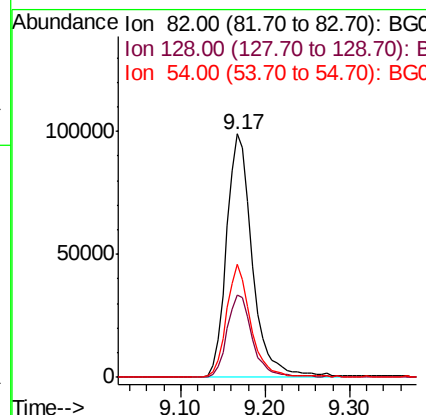
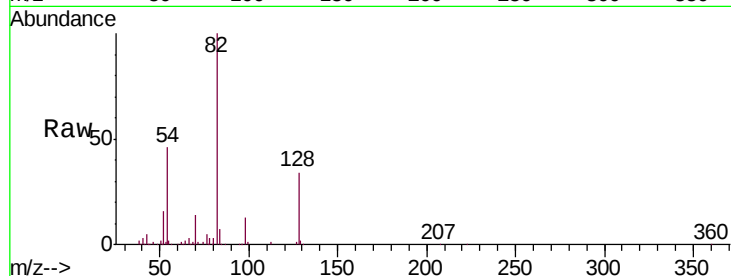




#23
 Nitrobenzene-d5
 Concen: 104.009 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

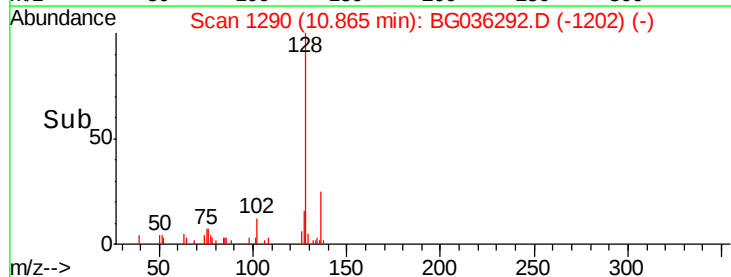
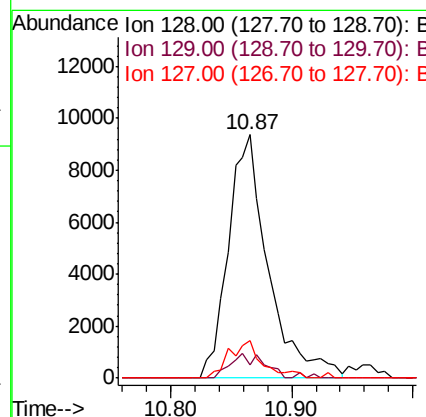
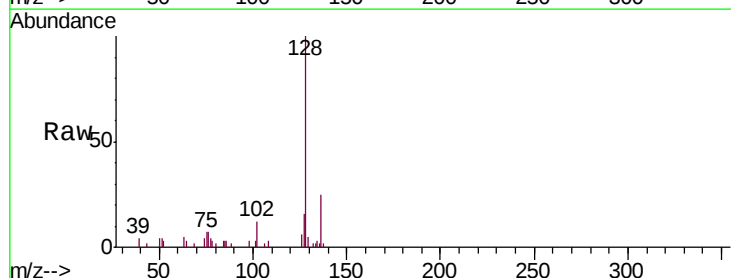
Instrument :
 BNA_G
 ClientSampleId :
 JTY-WC-S-1-1-62

Tgt 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

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

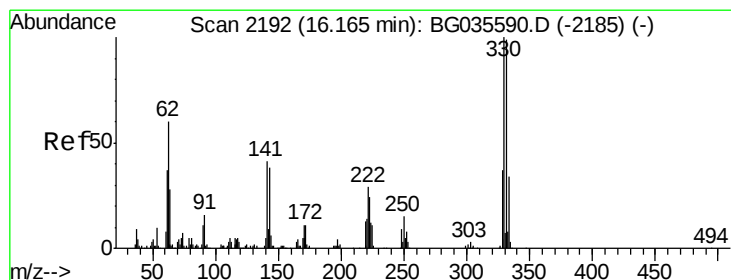
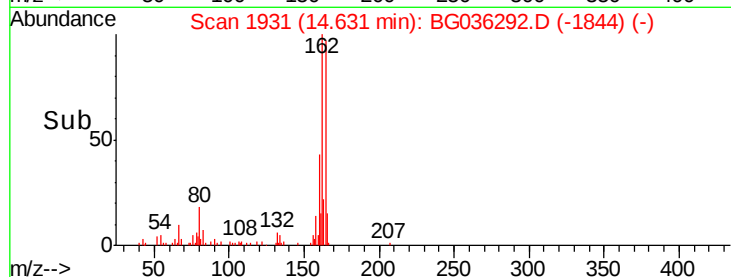
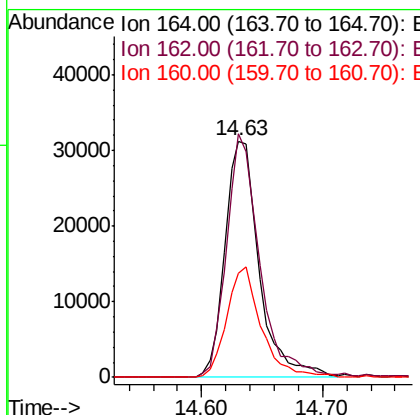
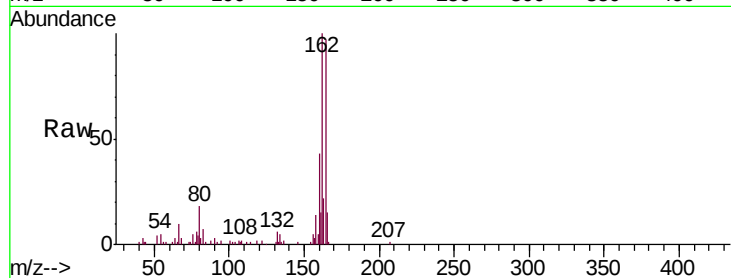




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036292.D
Acq: 11 Aug 2018 7:52

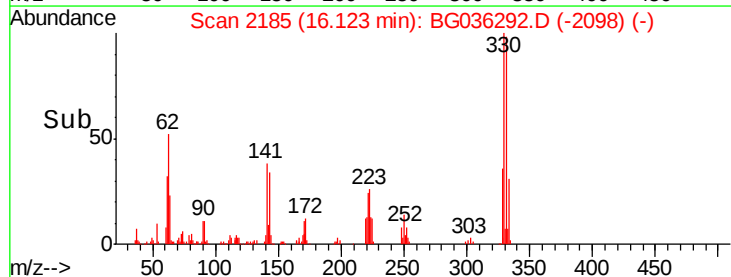
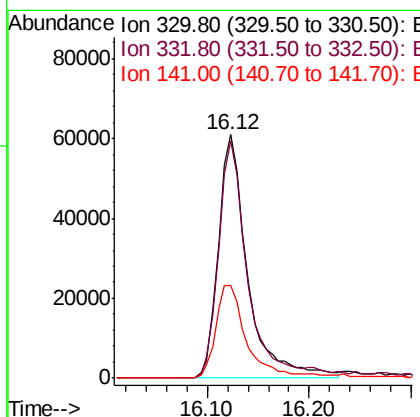
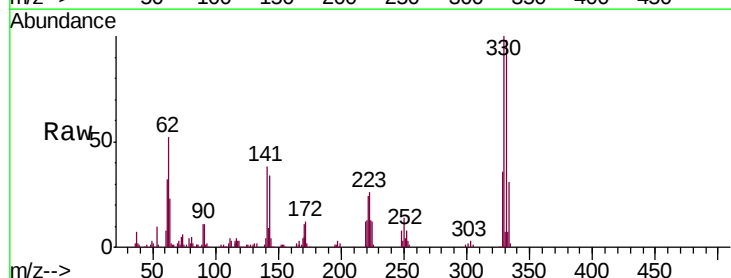
Instrument :
BNA_G
ClientSampleId :
JTY-WC-S-1-1-62

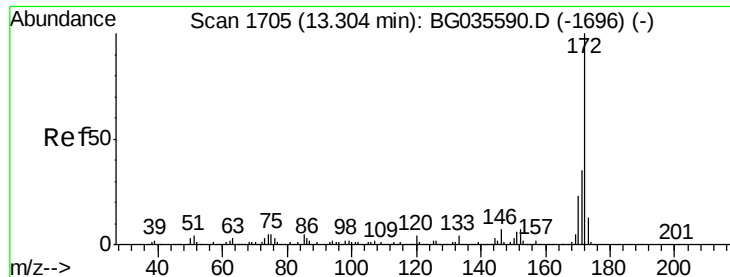
Tgt Ion:164 Resp: 61506
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 44.1 35.4 53.0



#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

Tgt Ion:330 Resp: 122505
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.6
141 40.5 25.2 37.8#

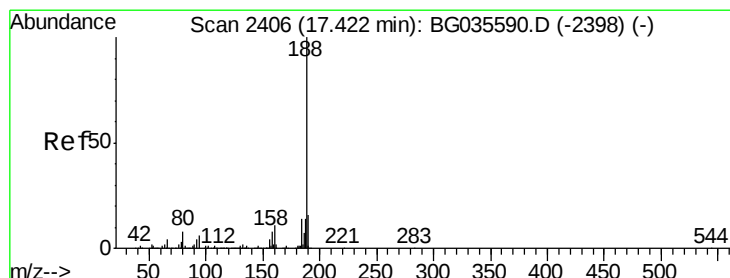
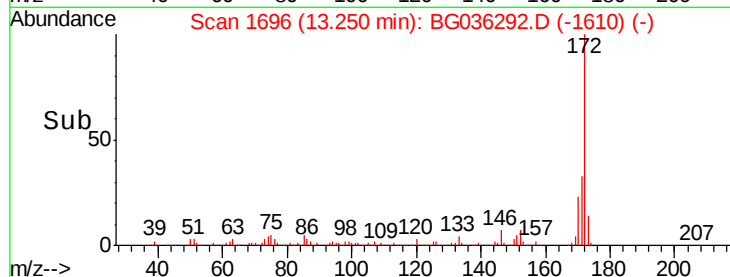
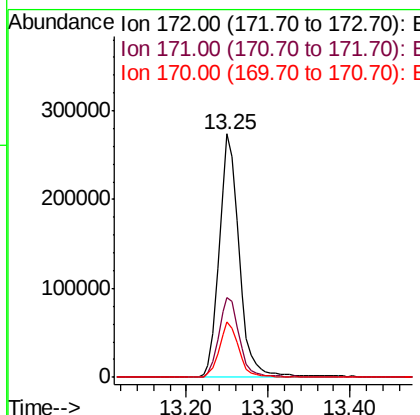
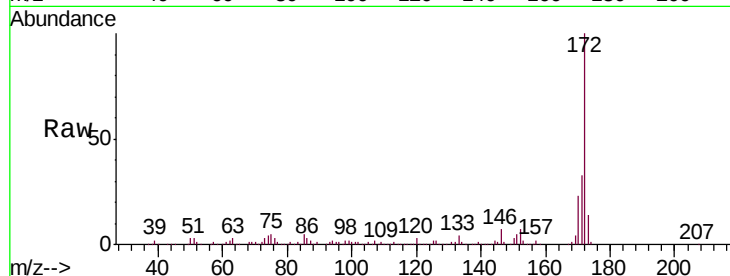




#44
 2-Fluorobiphenyl
 Concen: 102.067 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BG036292.D
 Acq: 11 Aug 2018 7:52

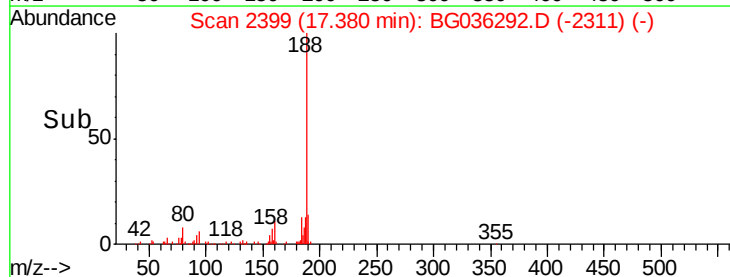
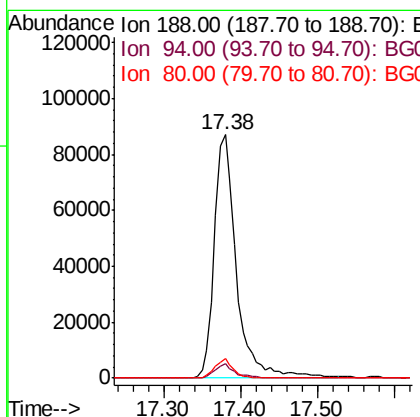
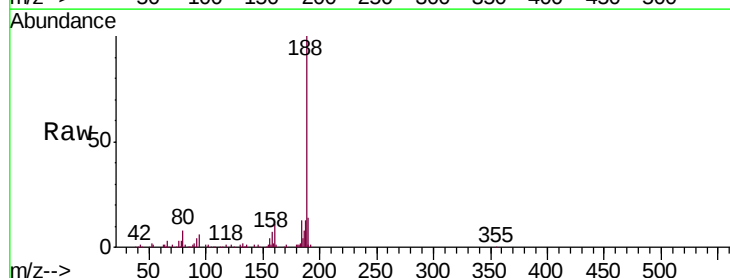
Instrument :
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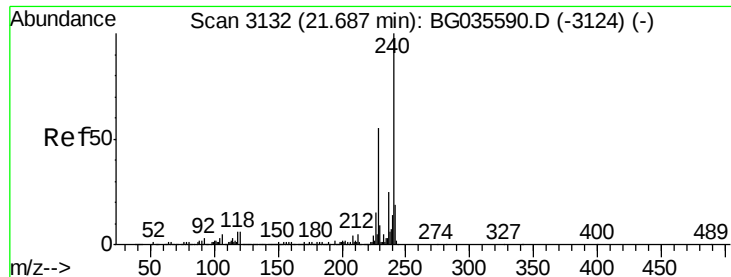
Tgt Ion:172 Resp: 468579
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.0 45.0
 170 23.0 19.5 29.3



#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

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





#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

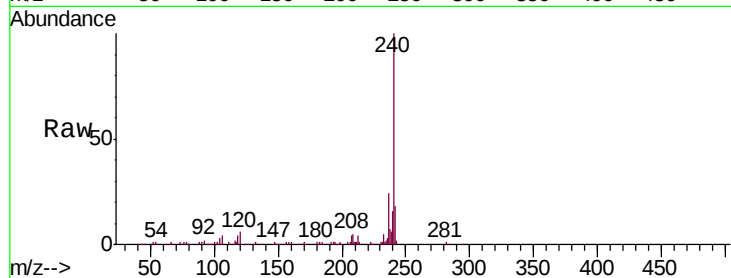
Tgt Ion:240 Resp: 184230

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

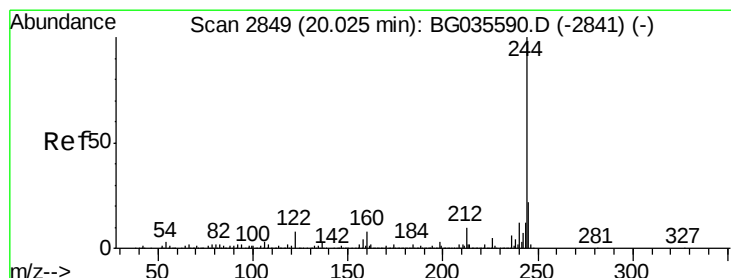
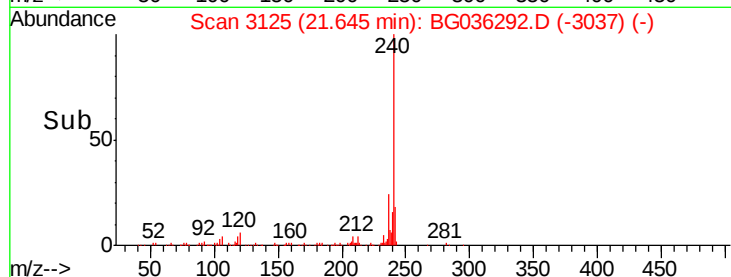
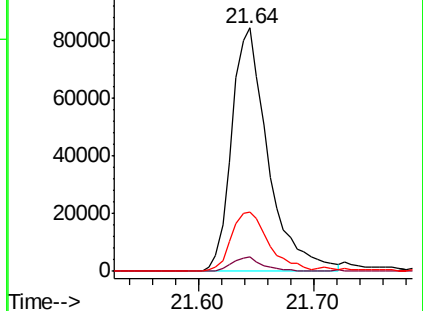
236 24.5 20.9 31.3



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

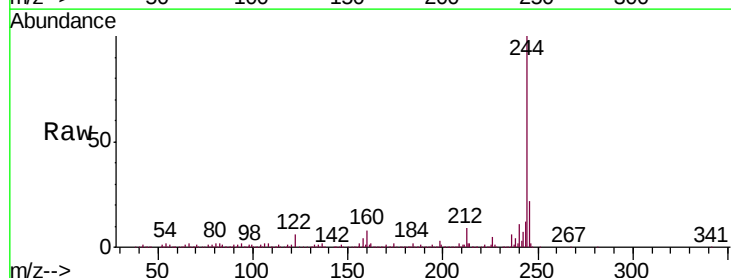
Tgt Ion:244 Resp: 1011645

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

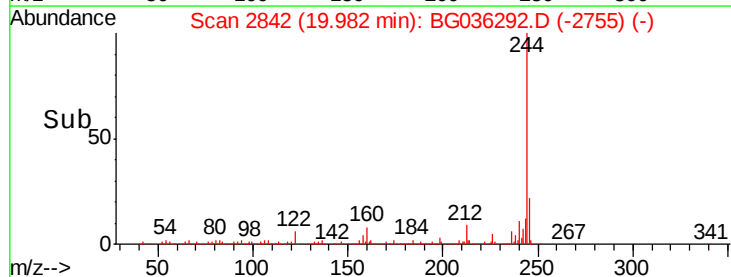
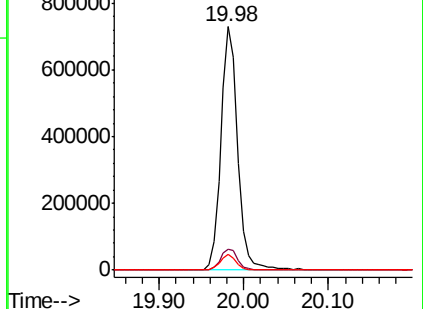
122 6.3 7.0 10.4#

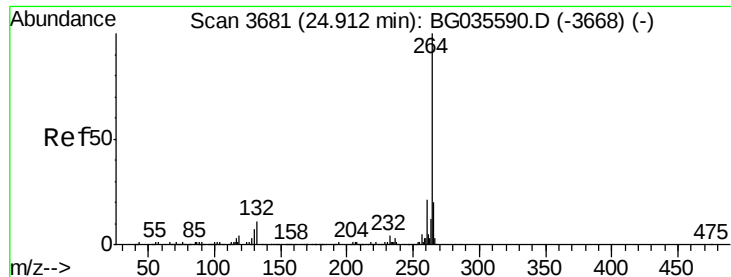


Abundance Ion 244.00 (243.70 to 244.70): E

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

