

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036150.D
 Acq On : 7 Aug 2018 6:35
 Operator : JU/SJ
 Sample : J4277-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 08:36:34 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

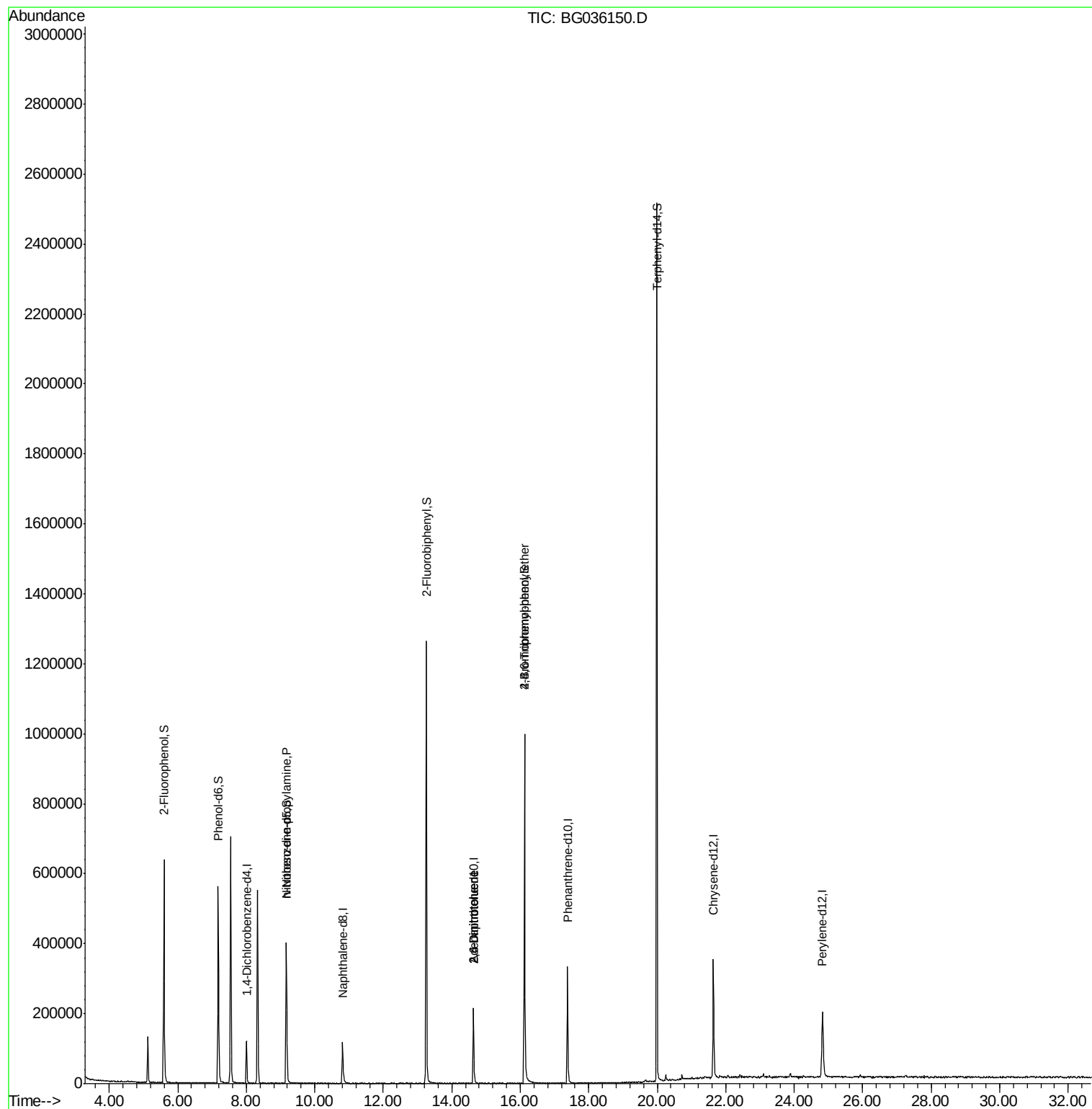
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34475	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	125353	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	88602	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	241062	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	254126	20.00	ng	-0.02
86) Perylene-d12	24.83	264	232677	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	285193	137.34	ng	0.00
7) Phenol-d6	7.18	99	358710	115.78	ng	-0.01
23) Nitrobenzene-d5	9.17	82	297925	99.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	204777	175.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	693865	104.92	ng	-0.02
78) Terphenyl-d14	19.99	244	1293895	112.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	41470	15.896	ng	# 73
50) 2,6-Dinitrotoluene	14.64	165	11664	7.379	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	11664	5.143	ng	# 18
66) 4-Bromophenyl-phenylether	16.12	248	16877	6.035	ng	# 1

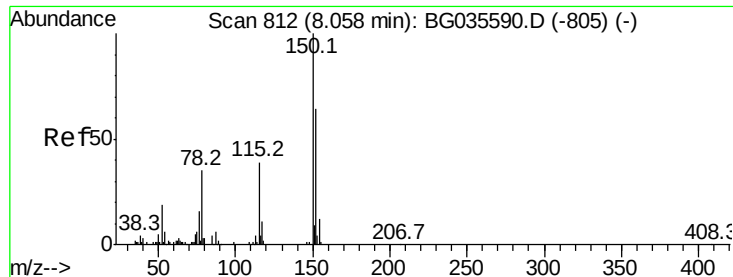
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 31 12:30:06 2018
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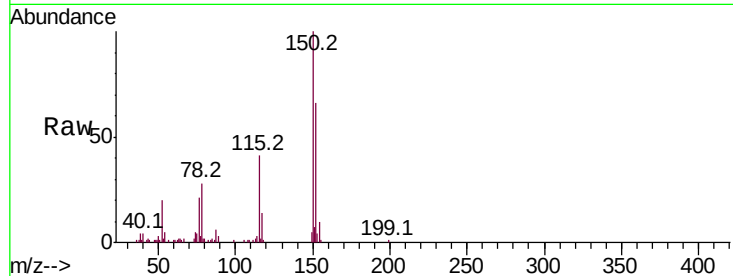


#1

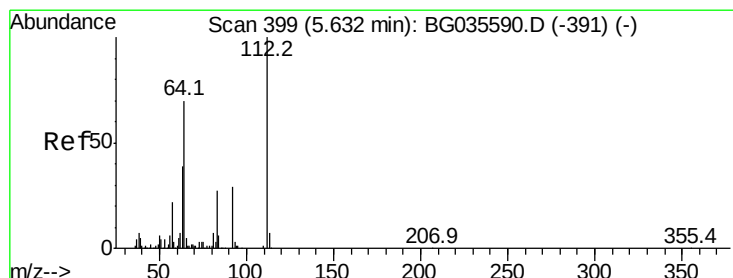
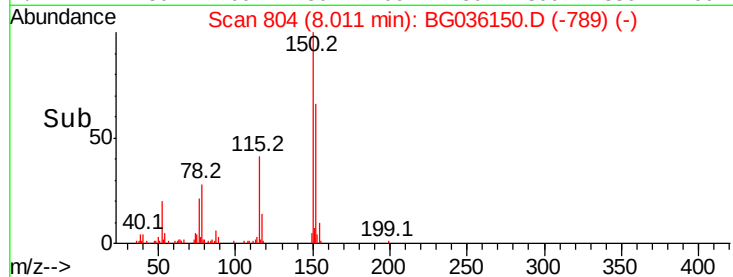
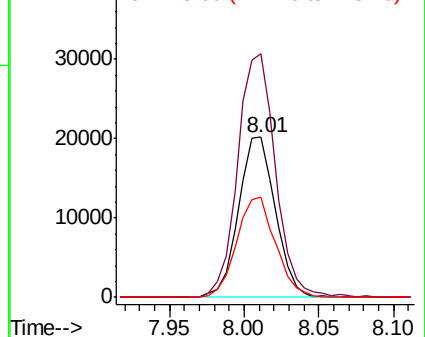
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34475
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 62.7 53.0 79.4



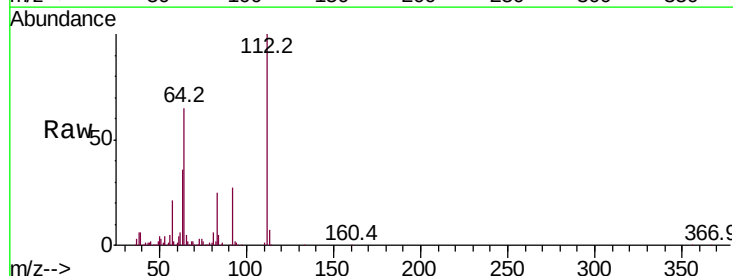
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



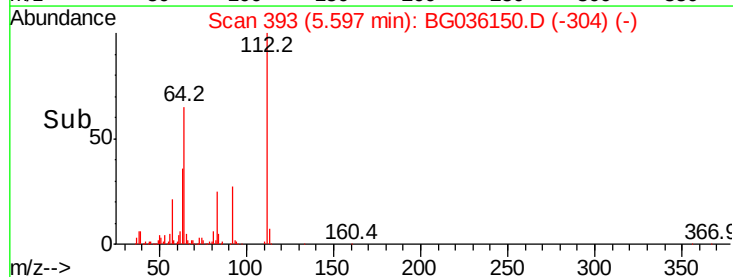
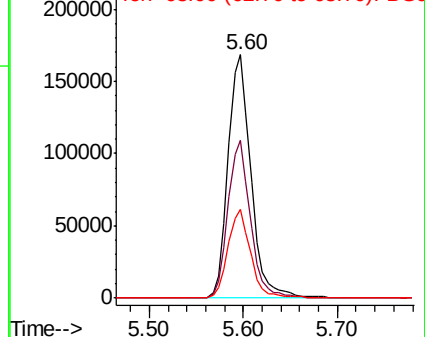
#5

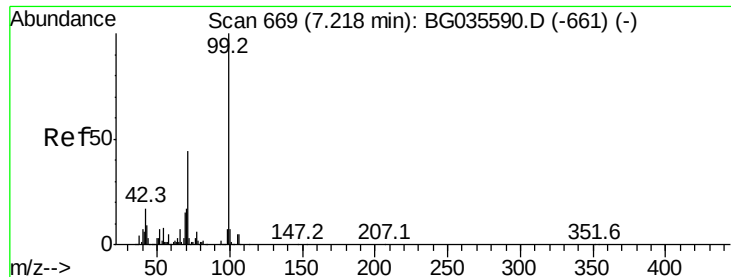
2-Fluorophenol
Concen: 137.342 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion:112 Resp: 285193
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 36.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.783 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

Instrument :

BNA_G

ClientSampleId :

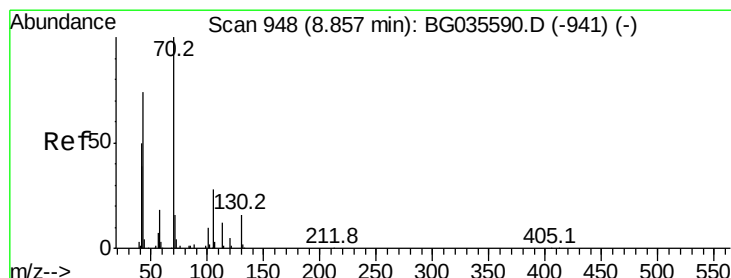
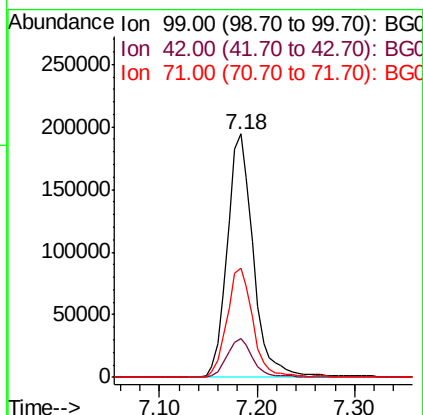
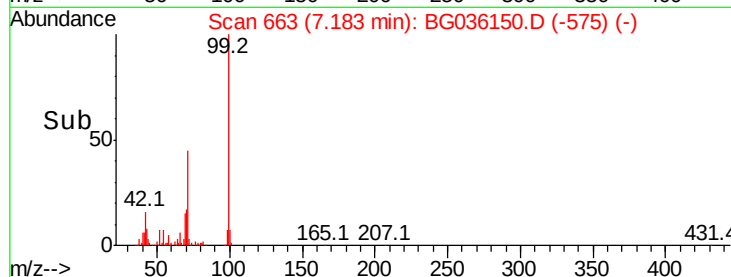
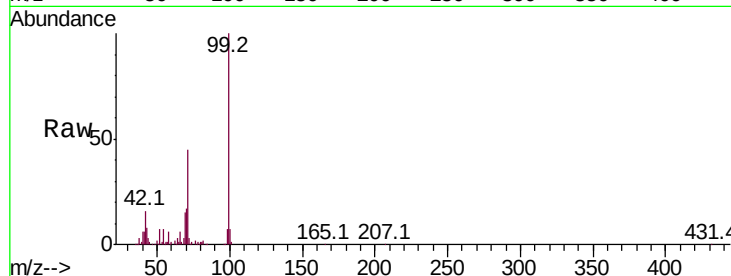
Tot Ion: 99 Resp: 358710

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 44.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.896 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.35 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

Tgt Ion: 70 Resp: 41470

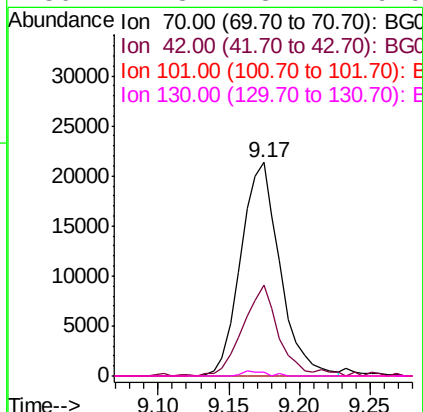
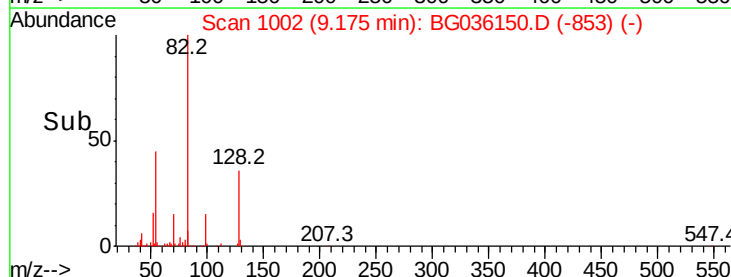
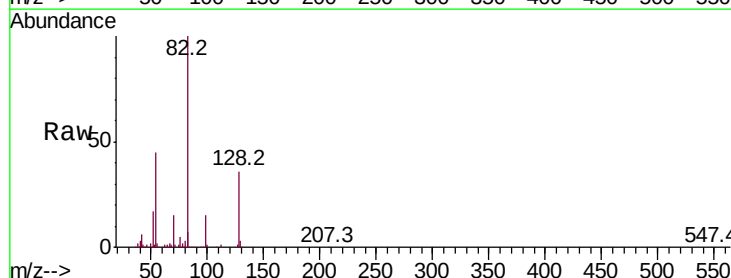
Ion Ratio Lower Upper

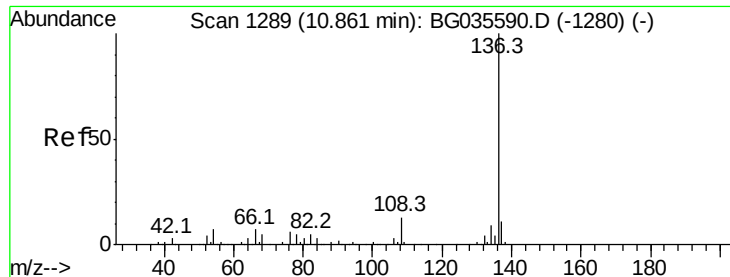
70 100

42 42.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

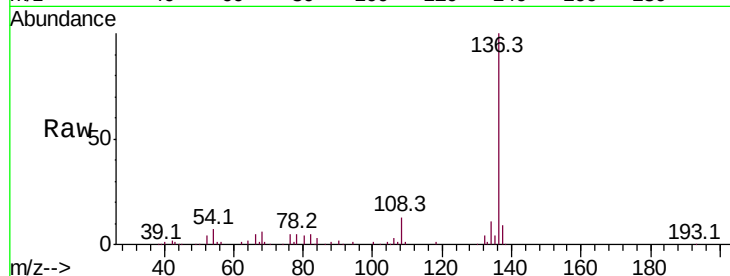




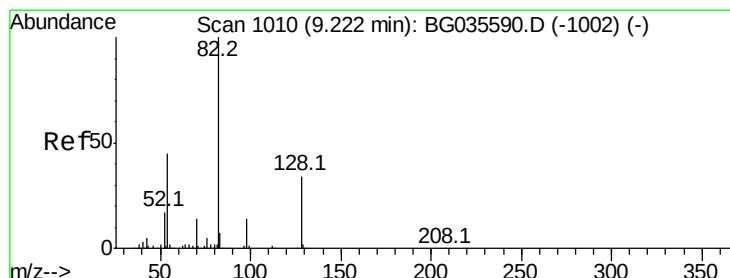
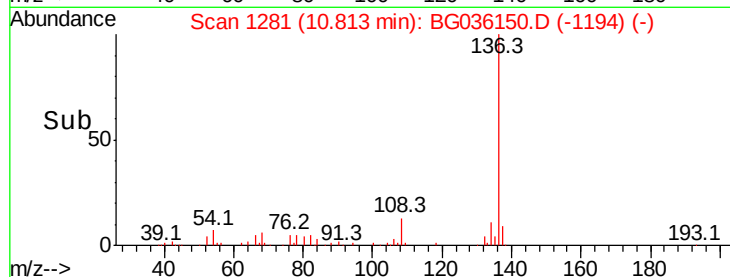
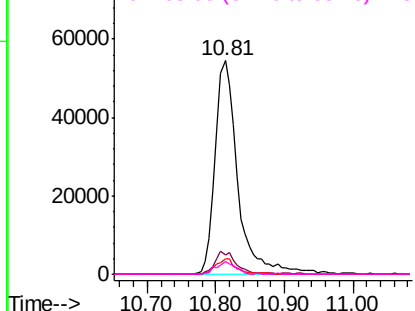
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	125353
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	7.5	10.3	15.5#
68	5.8	4.5	6.7

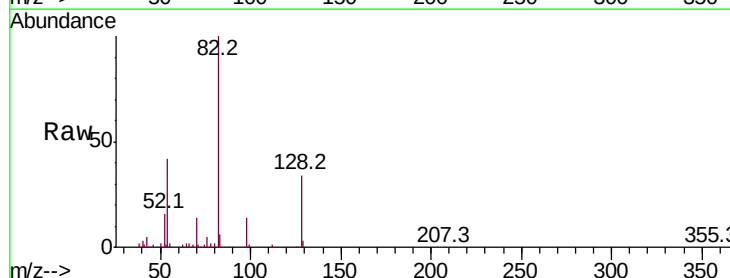


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

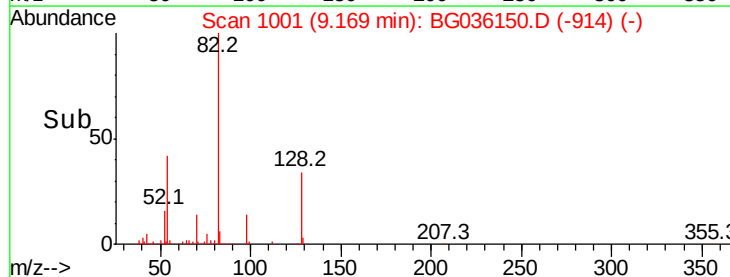
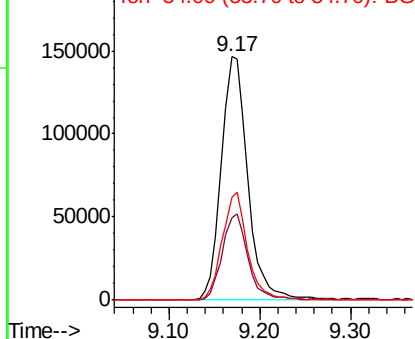


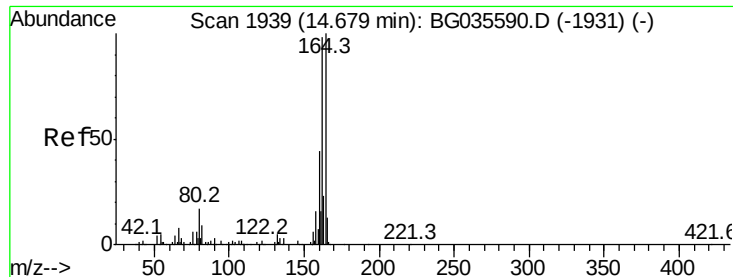
#23
Nitrobenzene-d5
Concen: 99.286 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion:	82	Resp:	297925
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	42.1	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

Instrument :

BNA_G

ClientSampleId :

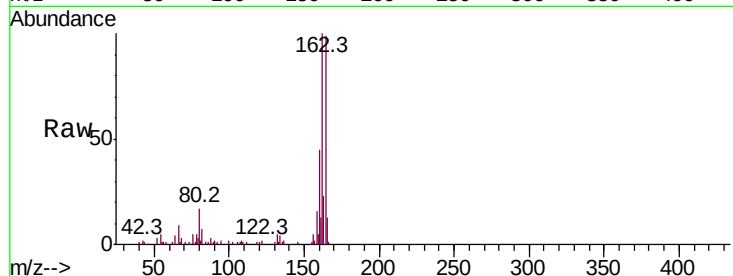
Tot Ion:164 Resp: 88602

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

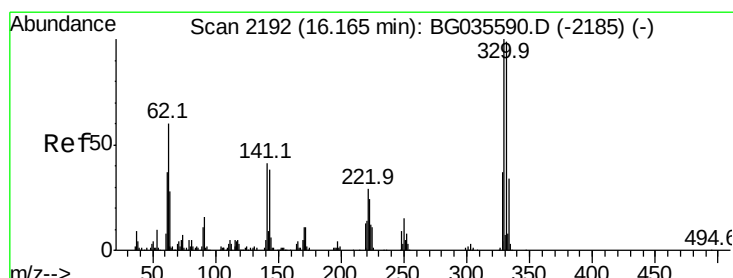
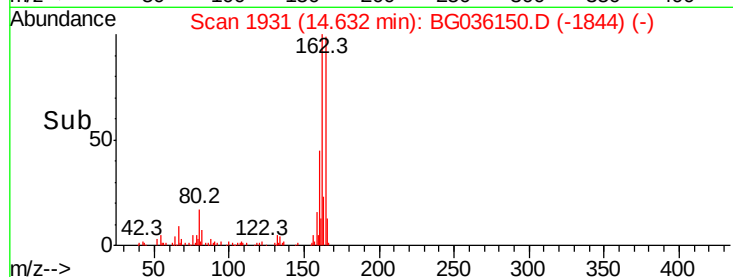
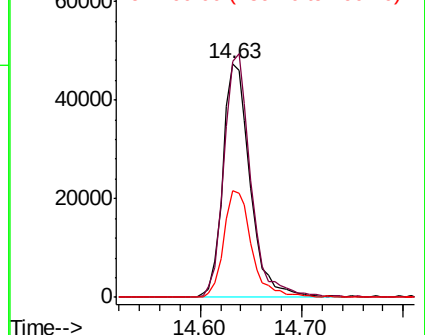
160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 175.348 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

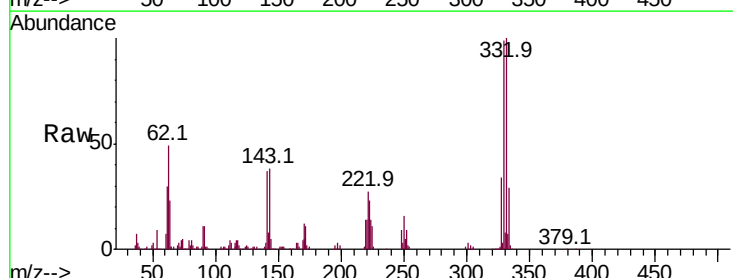
Tgt Ion:330 Resp: 204777

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

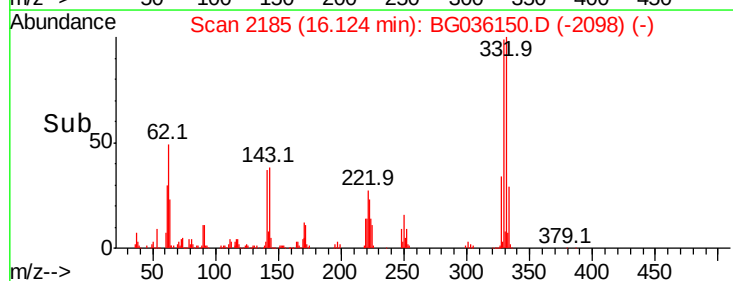
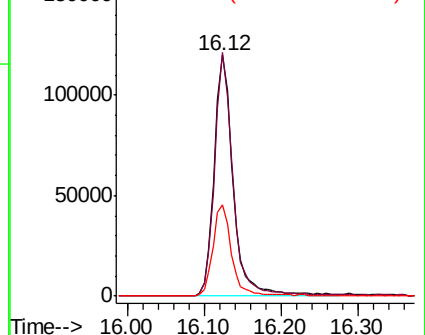
141 36.2 25.2 37.8

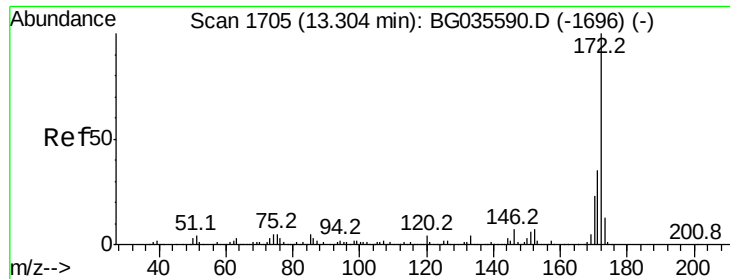


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

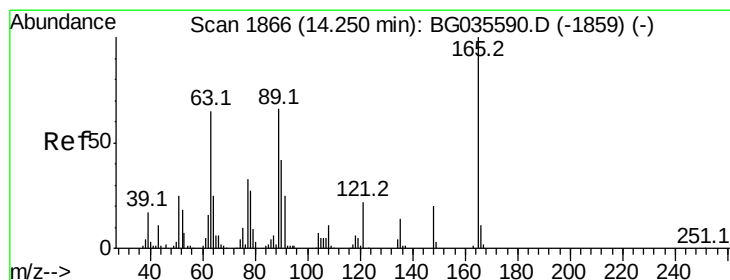
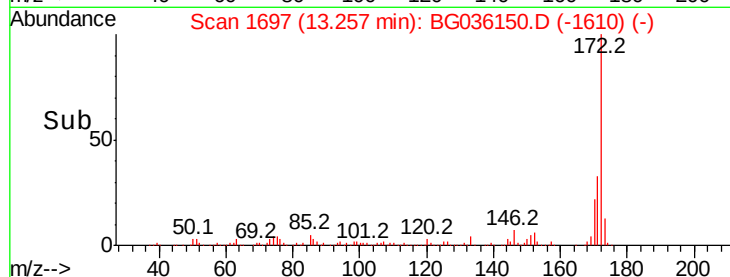
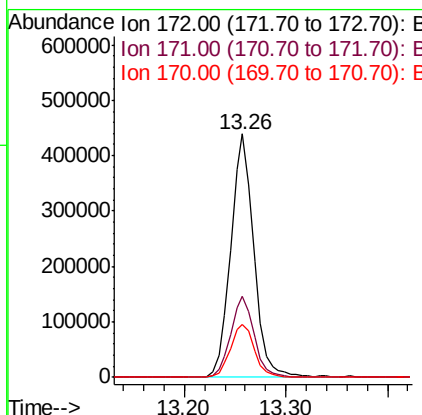
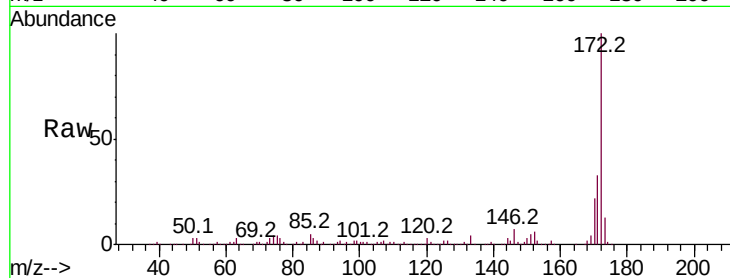




#44
2-Fluorobiphenyl
Concen: 104.919 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

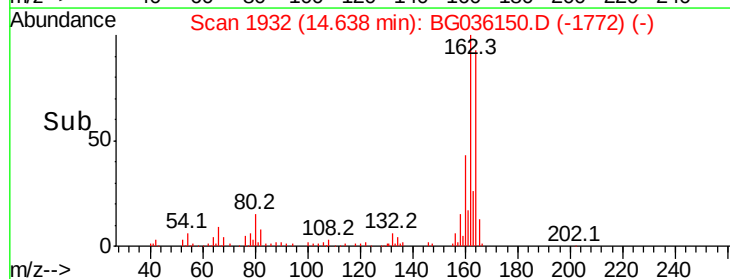
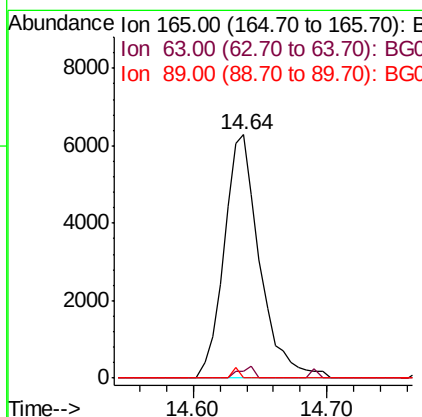
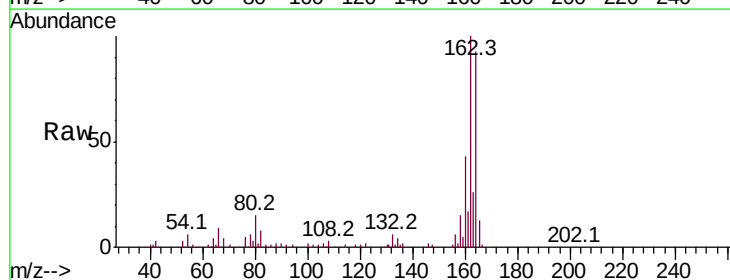
Instrument :
BNA_G
ClientSampleId :

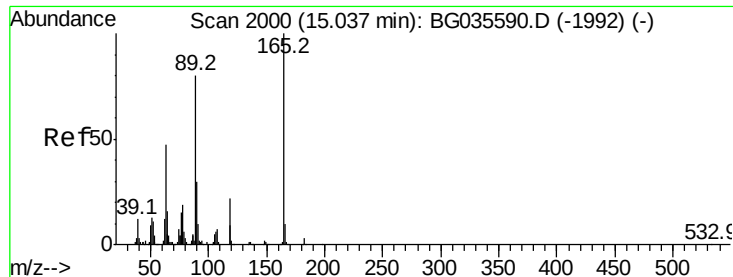
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	21.9	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.379 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.41 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	0.0	49.2	73.8#

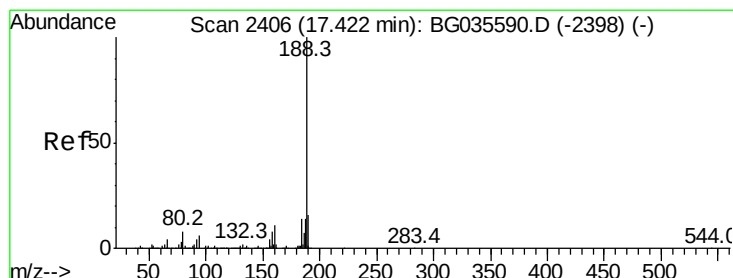
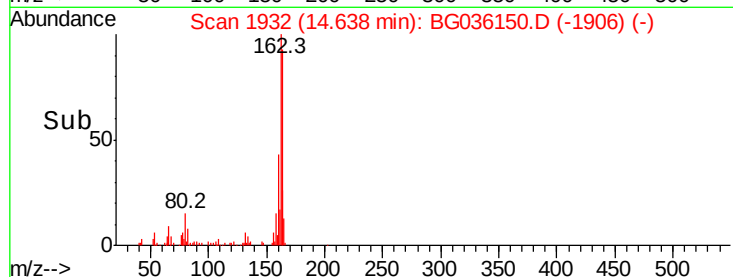
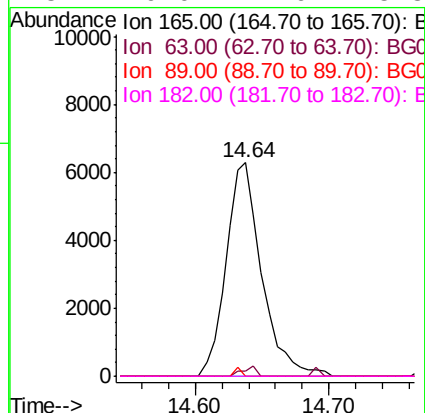
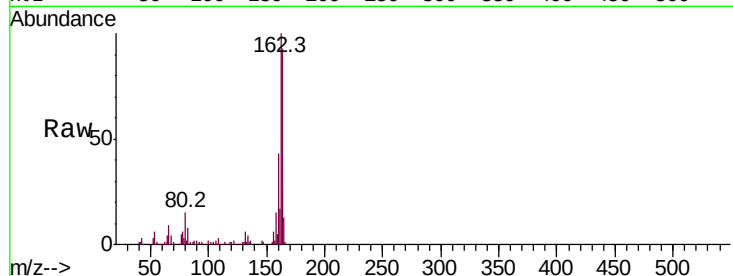




#56
2,4-Dinitrotoluene
Concen: 5.143 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

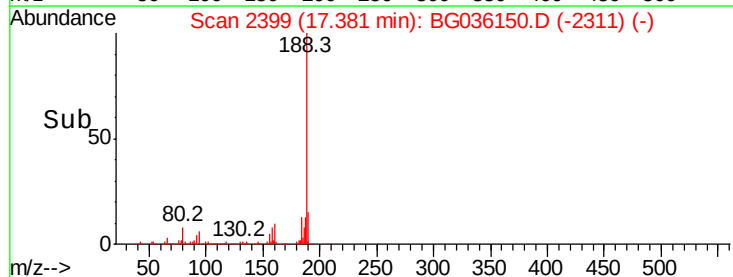
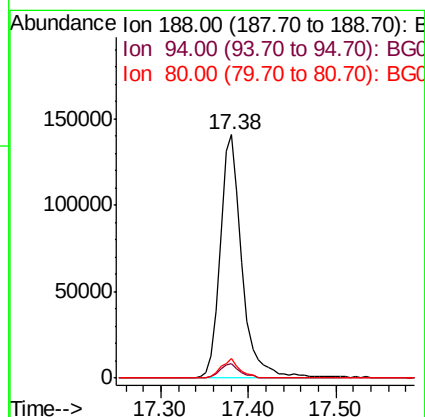
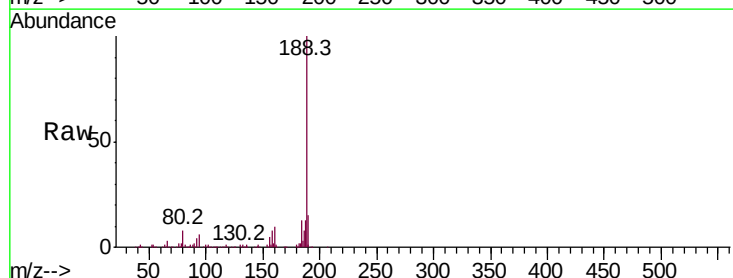
Instrument :
BNA_G
ClientSampleId :

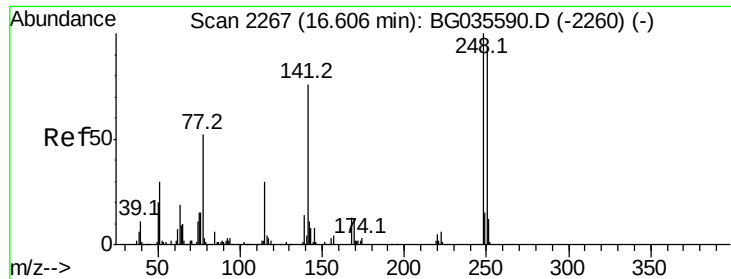
Tot Ion:165 Resp: 11664
Ion Ratio Lower Upper
165 100
63 2.7 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion:188 Resp: 241062
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.9 7.7 11.5

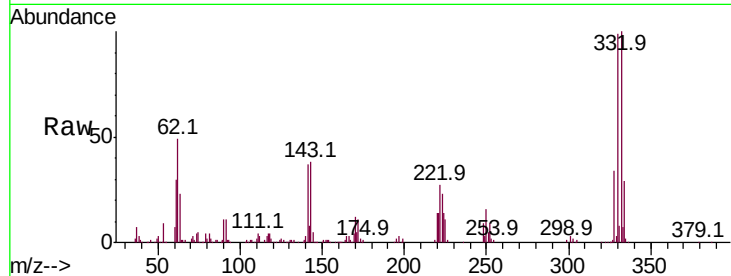




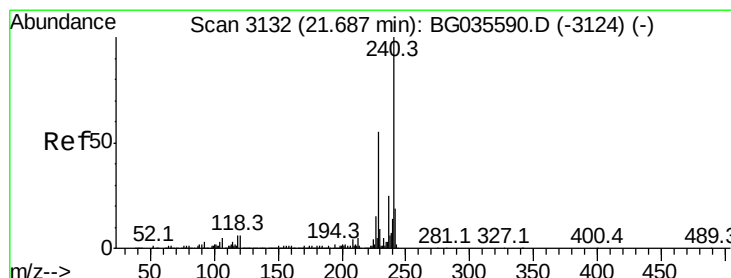
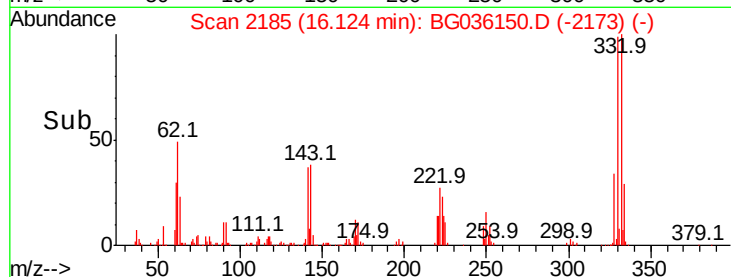
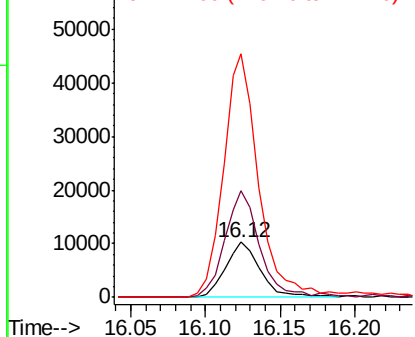
#66
4-Bromophenyl-phenylether
Concen: 6.035 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16877
Ion Ratio Lower Upper
248 100
250 192.1 77.1 115.7#
141 439.4 50.8 76.2#

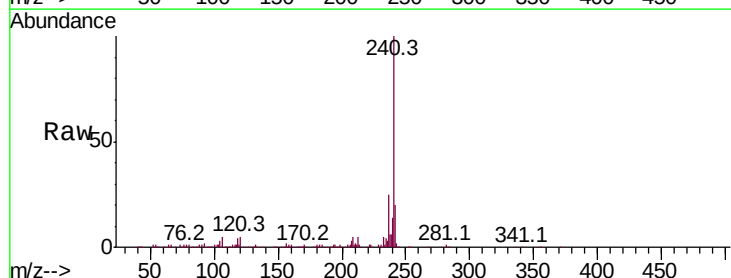


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

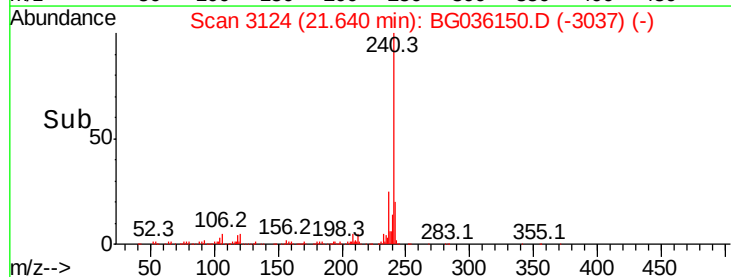
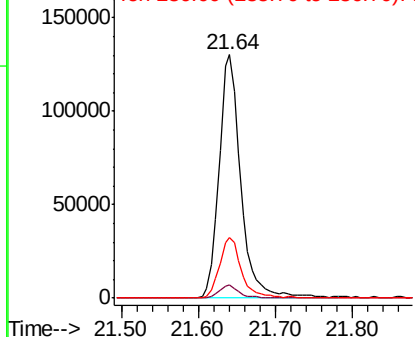


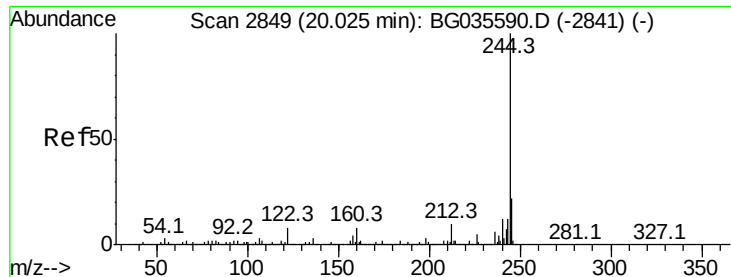
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion:240 Resp: 254126
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.1 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

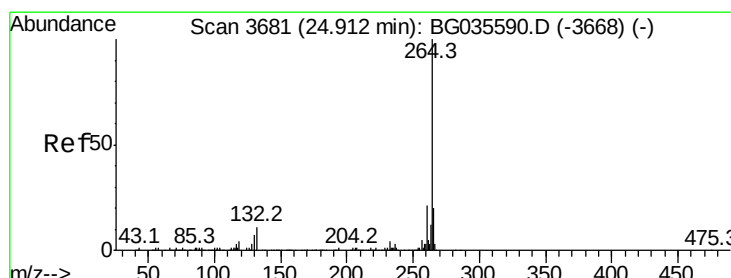
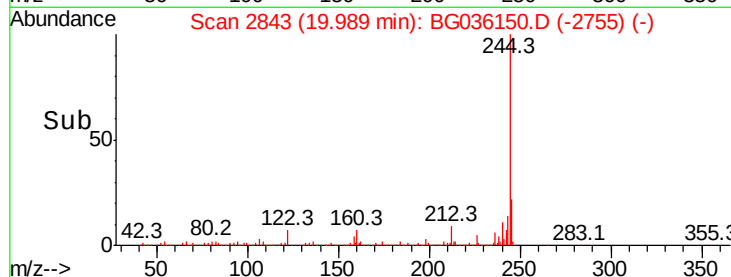
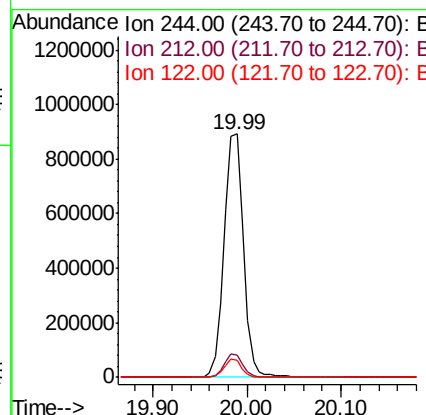
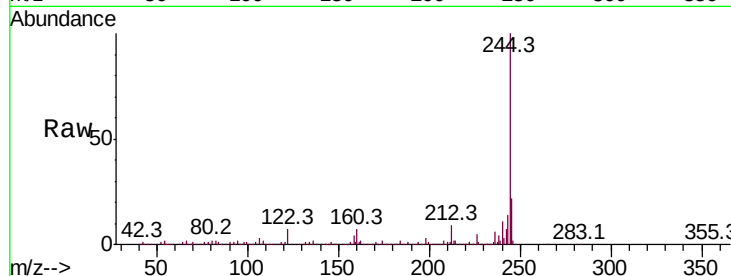




#78
 Terphenyl-d14
 Concen: 112.233 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036150.D
 Acq: 7 Aug 2018 6:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1293895
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036150.D
 Acq: 7 Aug 2018 6:35

Tgt Ion:264 Resp: 232677
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.4 26.0
 265 22.5 17.7 26.5

