

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036137.D
 Acq On : 6 Aug 2018 21:24
 Operator : JU/SJ
 Sample : J4330-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-M

Quant Time: Aug 07 01:02:18 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

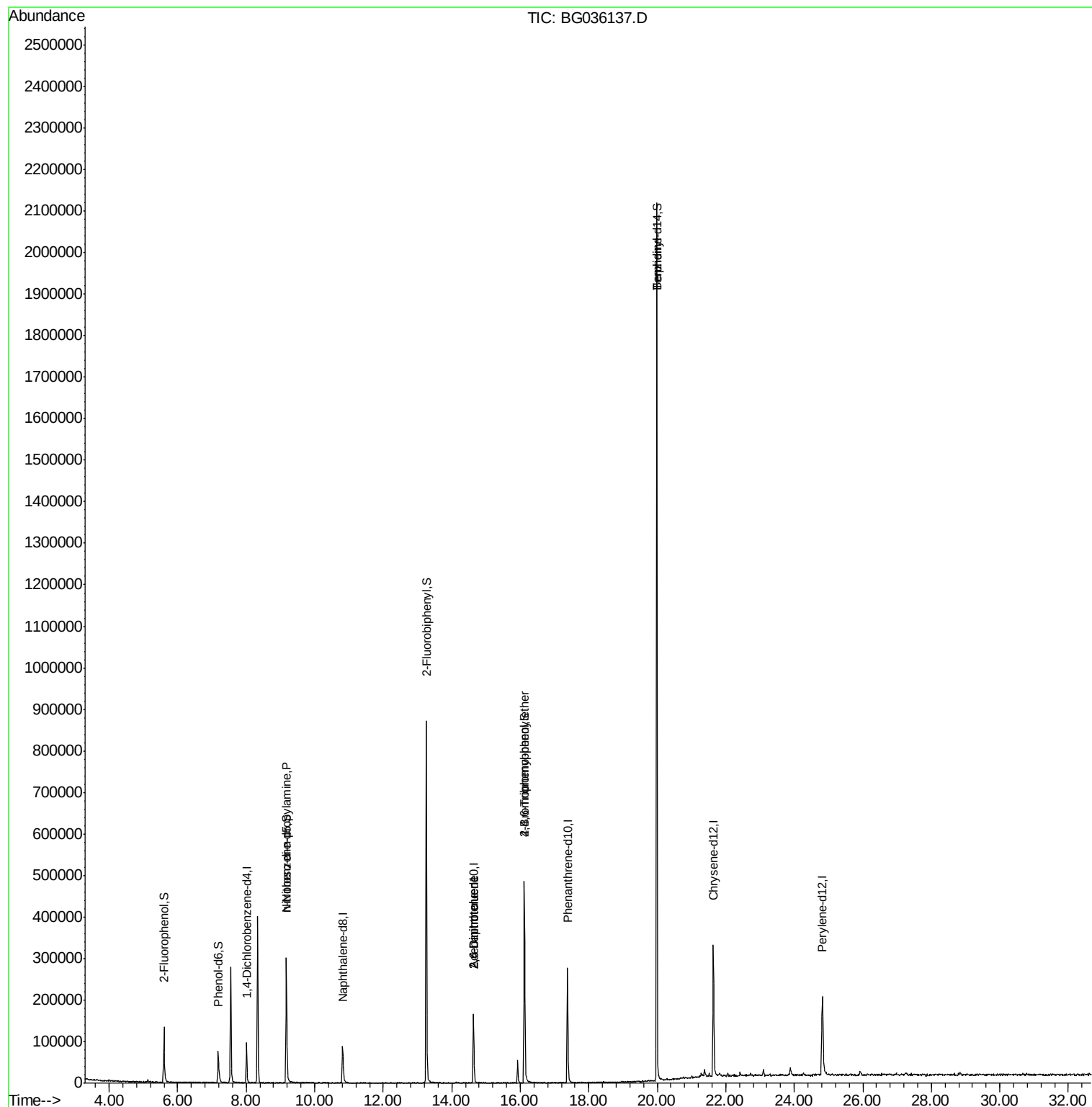
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27405	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	93883	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68120	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	204418	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	230489	20.00	ng	-0.02
86) Perylene-d12	24.83	264	215269	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	69462	42.08	ng	0.00
7) Phenol-d6	7.19	99	59170	24.03	ng	-0.01
23) Nitrobenzene-d5	9.17	82	234729	104.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	108691	121.05	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	519515	102.17	ng	-0.02
78) Terphenyl-d14	19.99	244	1030276	98.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	32347	15.597	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	8860	7.290	ng	# 21
56) 2,4-Dinitrotoluene	14.64	165	8860	5.081	ng	# 18
66) 4-Bromophenyl-phenylether	16.12	248	8799	3.710	ng	# 1
76) Benzidine	19.99	184	17728	2.926	ng	# 92

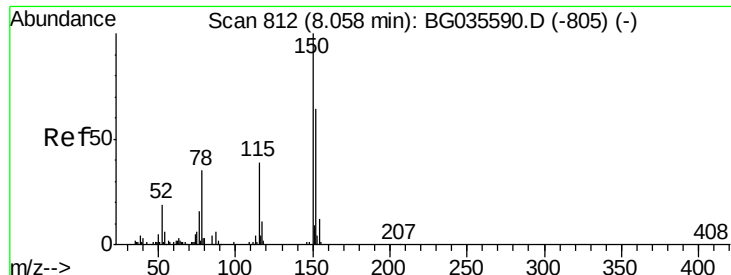
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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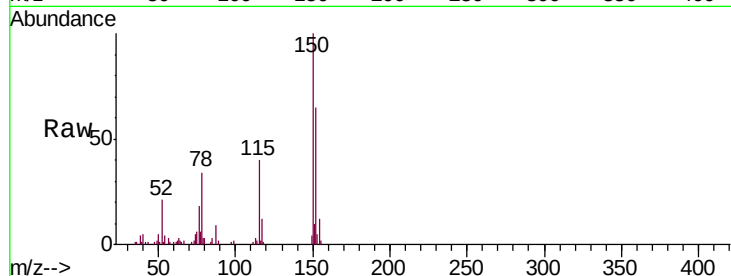


#1

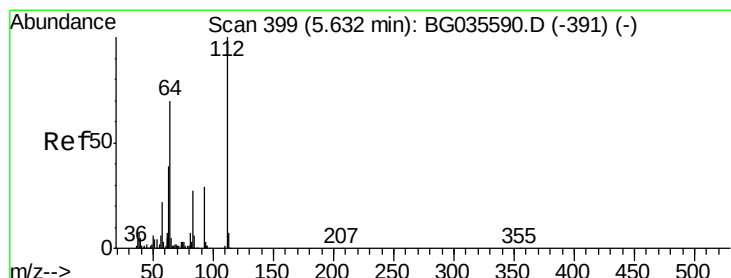
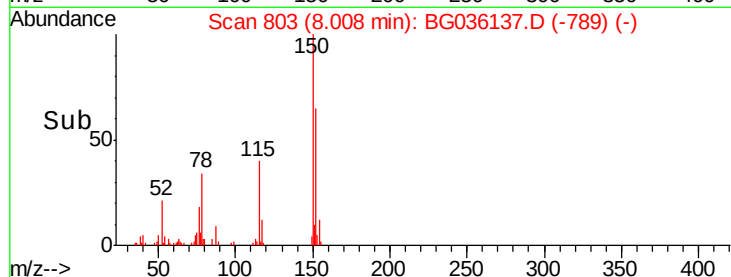
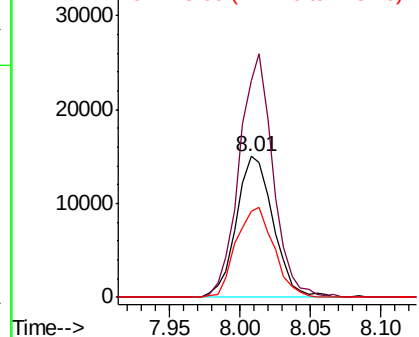
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-M

Tgt Ion:152 Resp: 27405
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 61.5 53.0 79.4



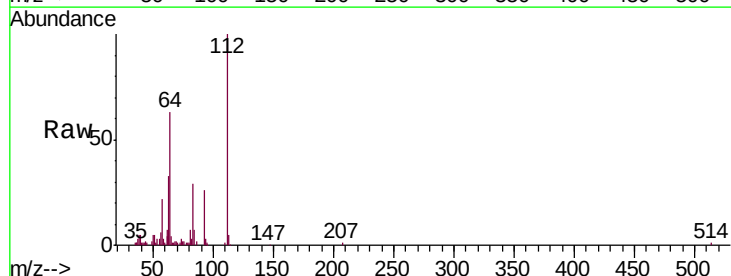
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



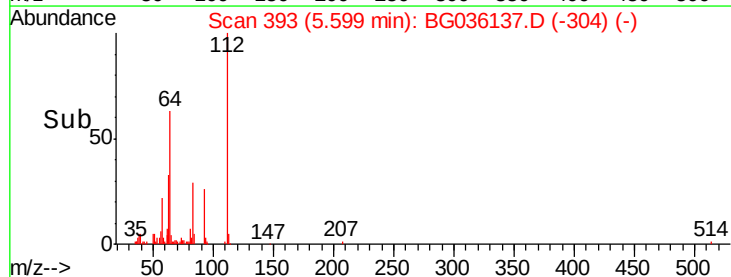
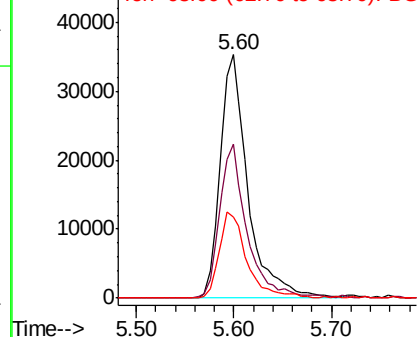
#5

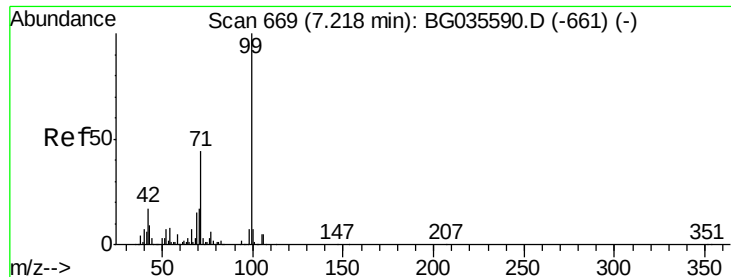
2-Fluorophenol
Concen: 42.081 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Tgt Ion:112 Resp: 69462
Ion Ratio Lower Upper
112 100
64 63.1 56.3 84.5
63 33.1 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: 24.026 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-M

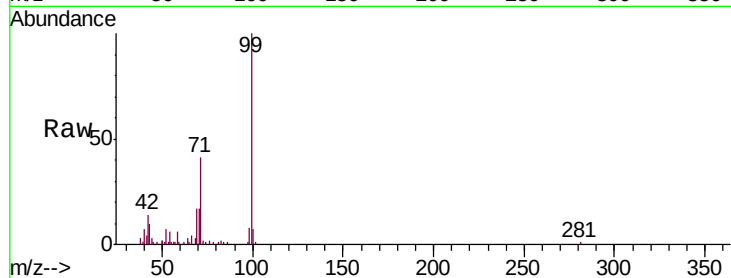
Tgt Ion: 99 Resp: 59170

Ion Ratio Lower Upper

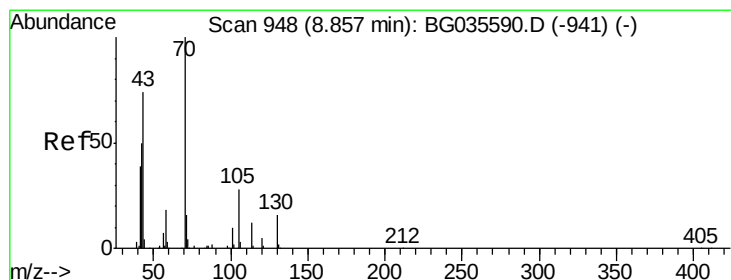
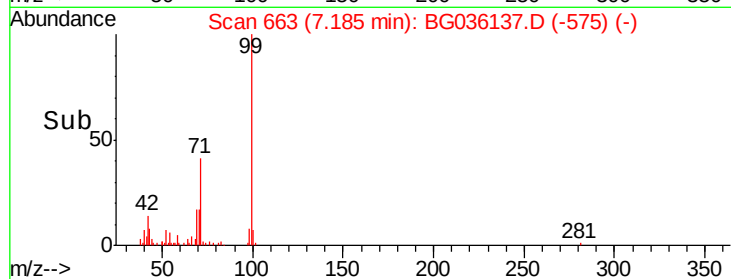
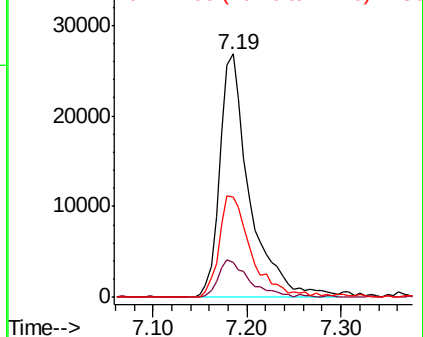
99 100

42 14.3 14.1 21.1

71 41.4 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: 15.597 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Tgt Ion: 70 Resp: 32347

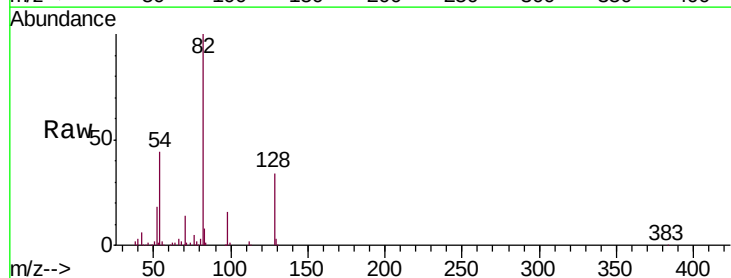
Ion Ratio Lower Upper

70 100

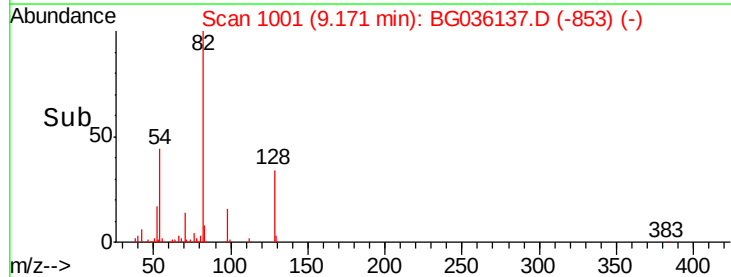
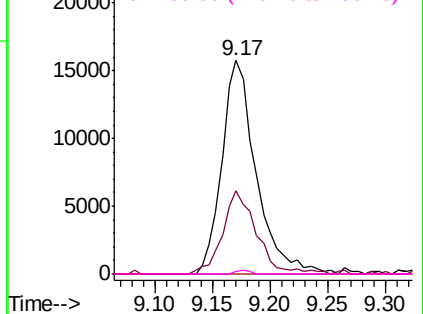
42 38.9 49.1 73.7#

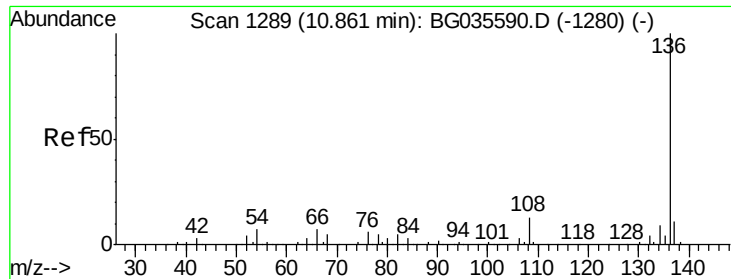
101 0.0 8.5 12.7#

130 1.2 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

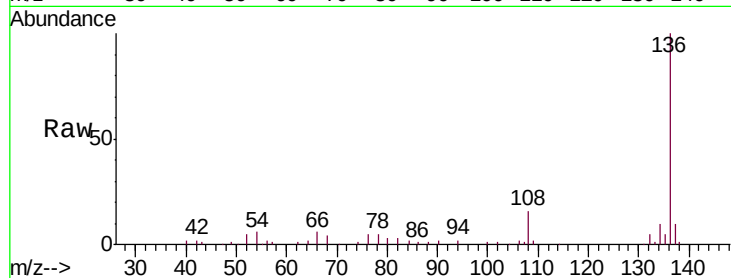




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-M

Tgt Ion:	136	Resp:	93883
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	6.4	10.3	15.5#
68	4.5	4.5	6.7#



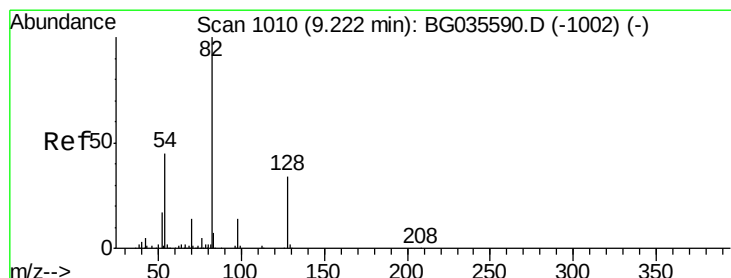
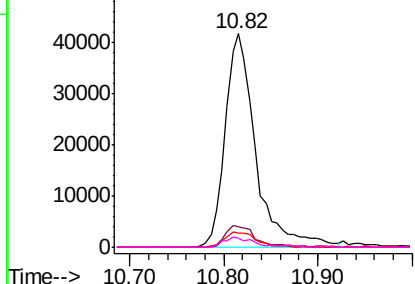
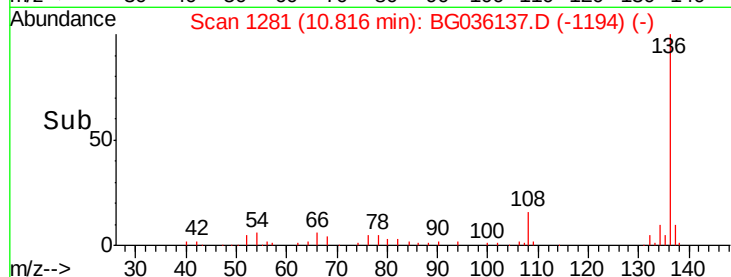
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

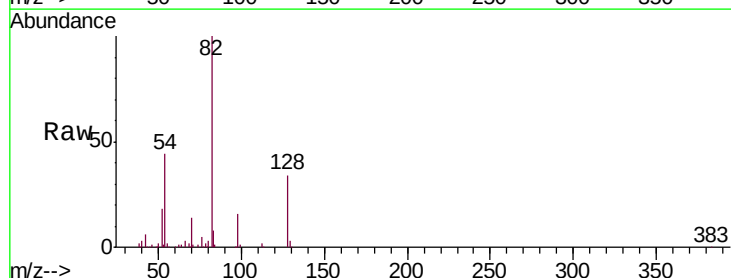
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 104.446 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Tgt Ion:	82	Resp:	234729
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	44.3	43.1	64.7

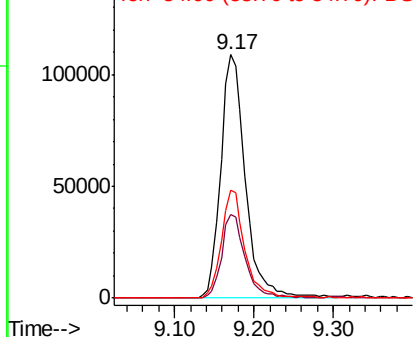
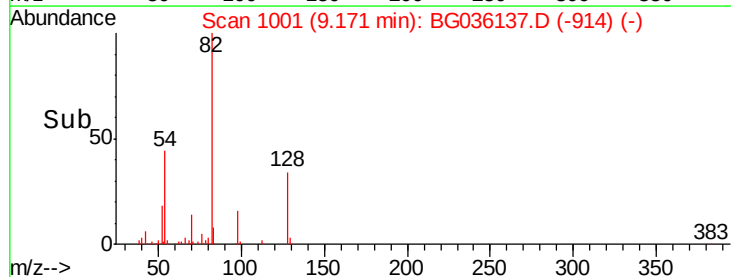


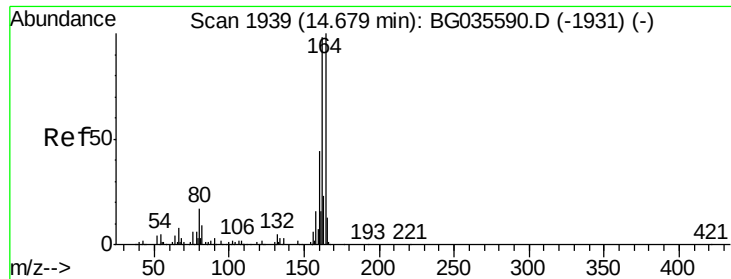
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-M

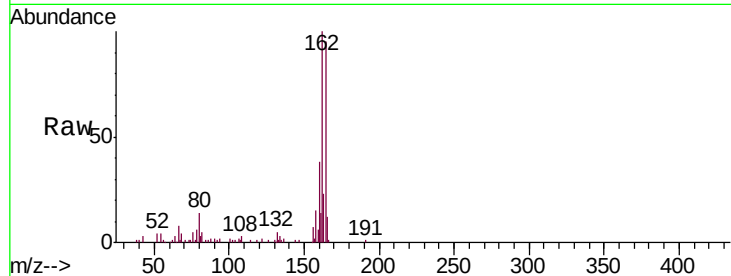
Tgt Ion:164 Resp: 68120

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

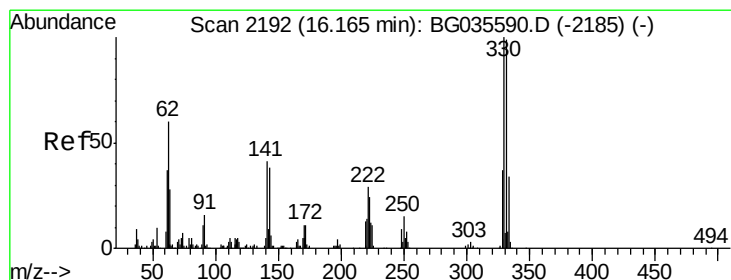
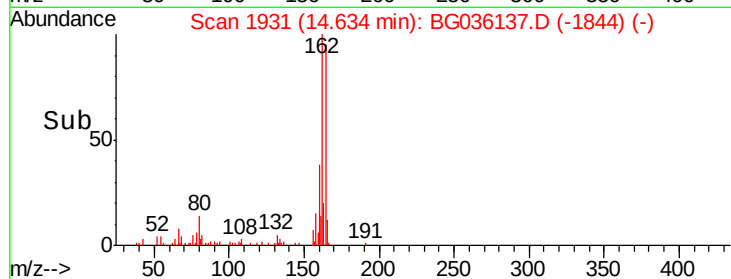
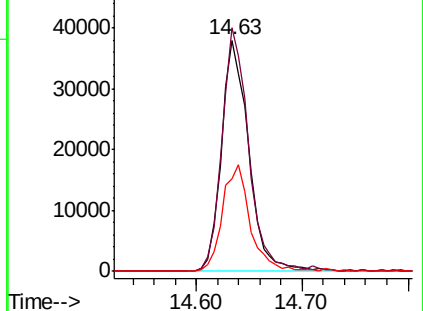
160 40.0 35.4 53.0



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: 121.055 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

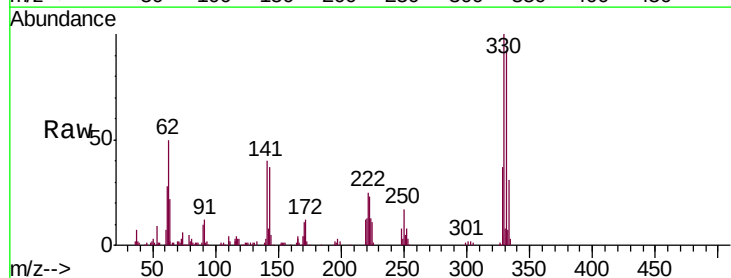
Tgt Ion:330 Resp: 108691

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

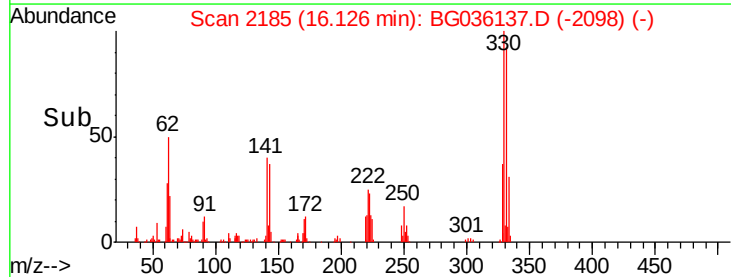
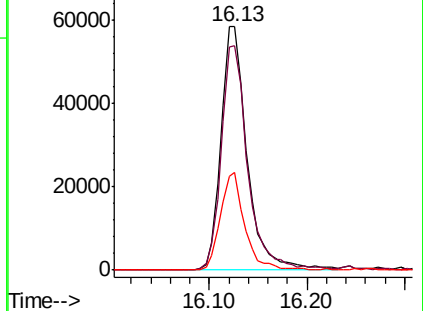
141 37.3 25.2 37.8

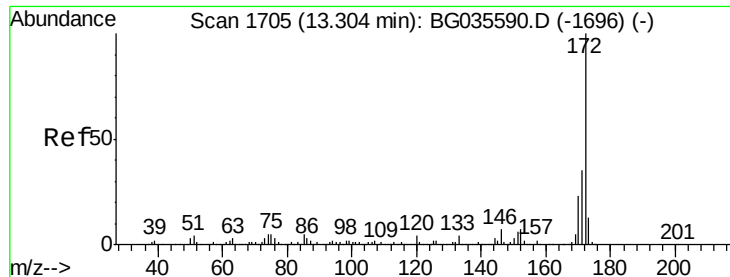


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

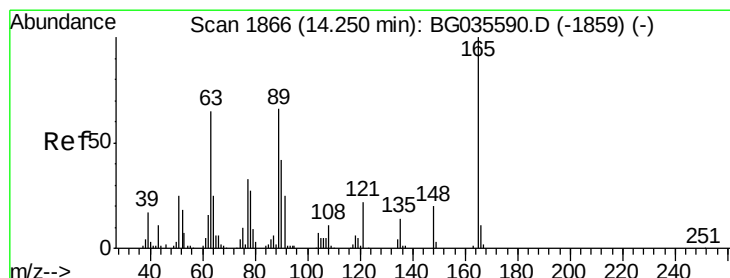
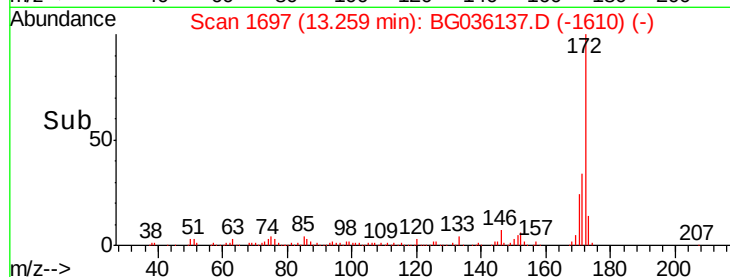
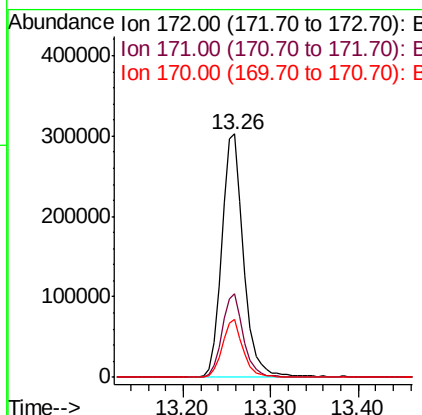
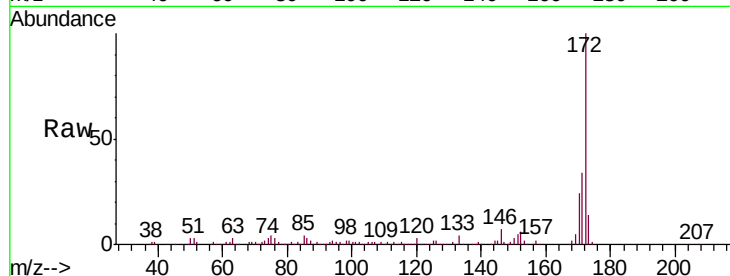




#44
 2-Fluorobiphenyl
 Concen: 102.175 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

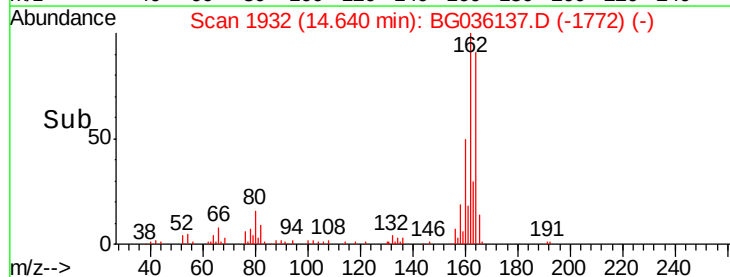
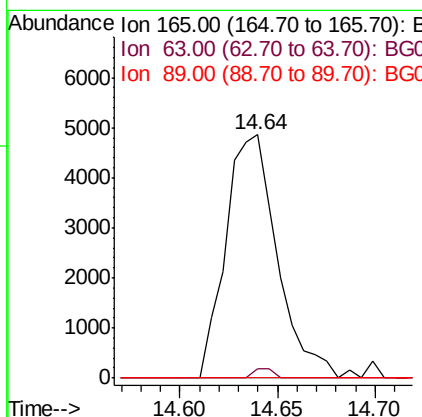
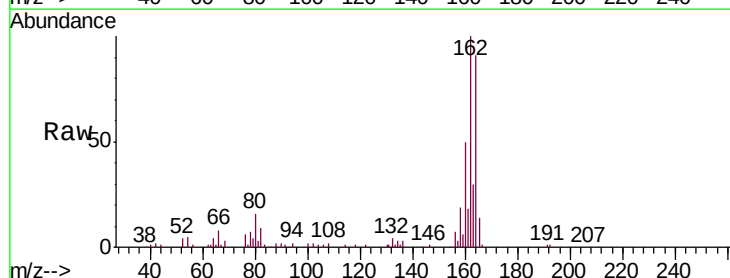
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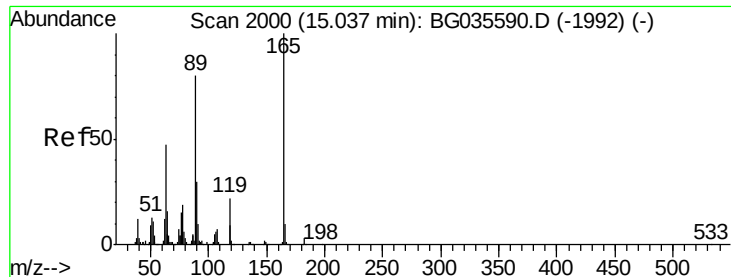
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.290 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.8	52.7	79.1#
89	0.0	49.2	73.8#

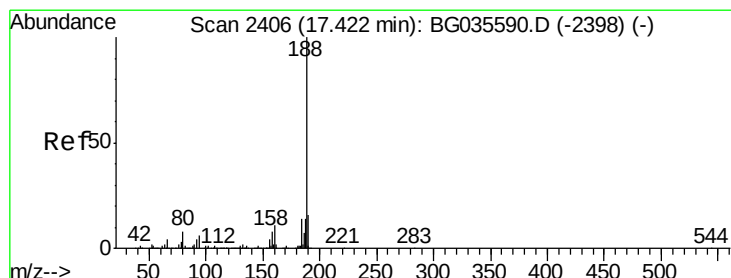
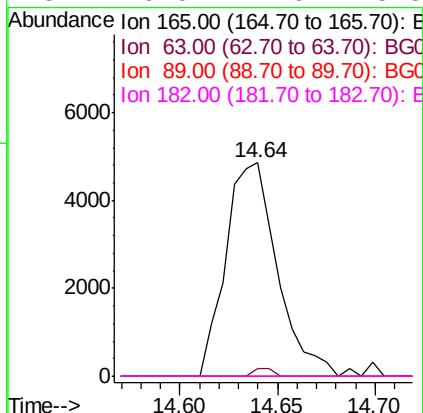
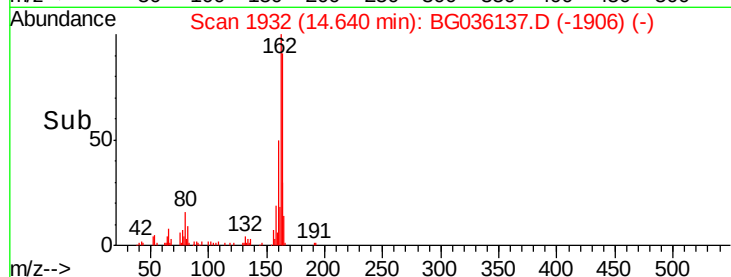
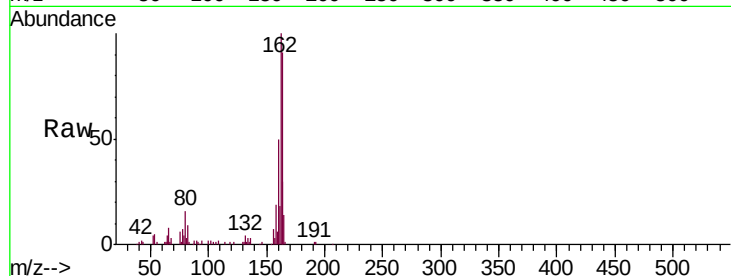




#56
 2,4-Dinitrotoluene
 Concen: 5.081 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

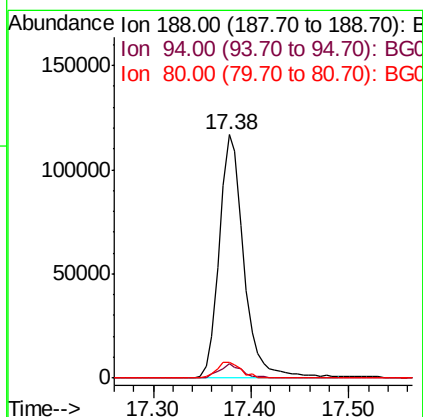
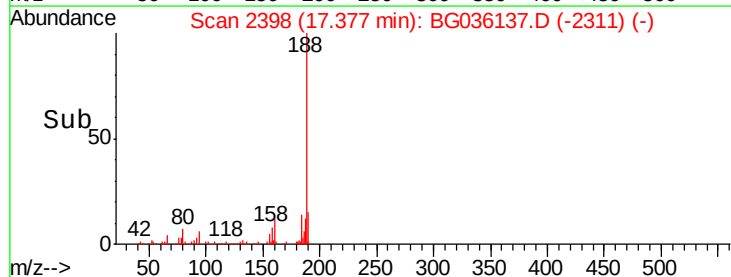
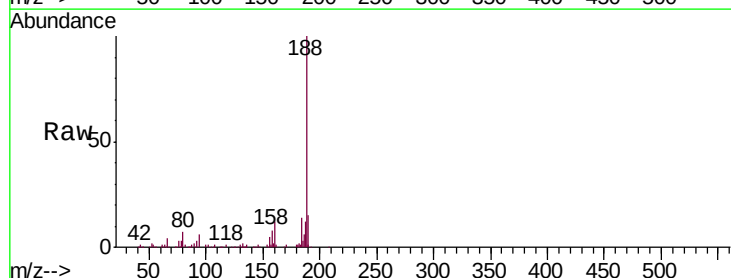
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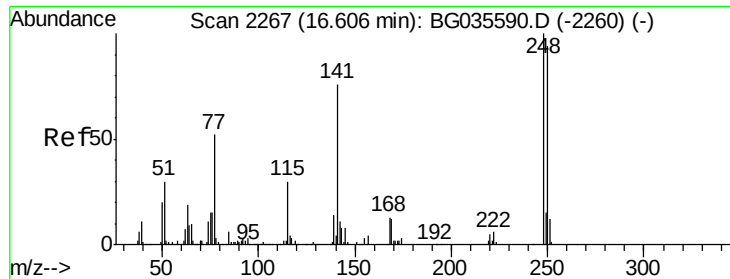
Tgt Ion:165 Resp: 8860
 Ion Ratio Lower Upper
 165 100
 63 3.8 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

Tgt Ion:188 Resp: 204418
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 6.5 7.7 11.5#

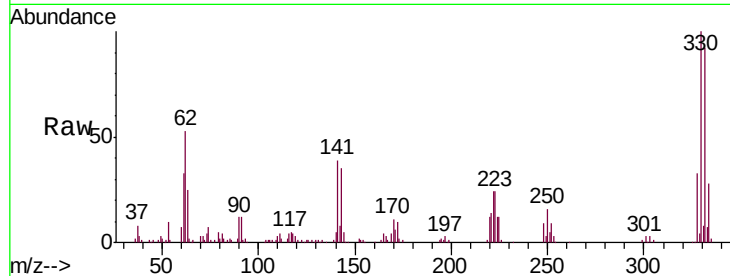




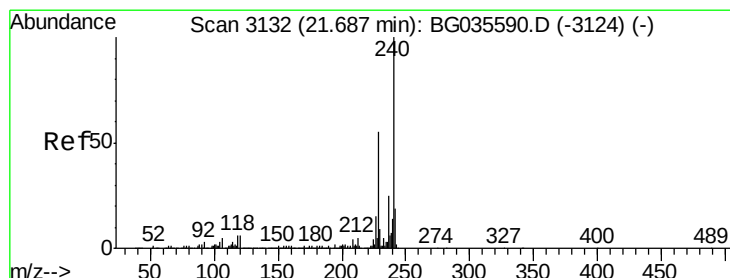
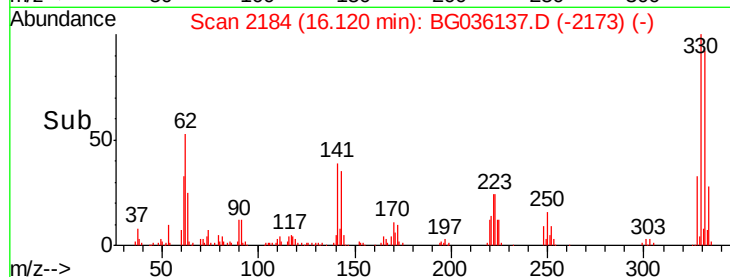
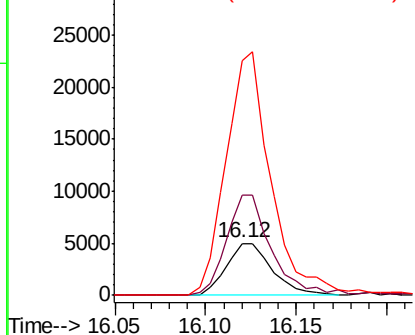
#66
 4-Bromophenyl-phenylether
 Concen: 3.710 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.46 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-M

Tgt Ion: 248 Resp: 8799
 Ion Ratio Lower Upper
 248 100
 250 191.9 77.1 115.7#
 141 450.3 50.8 76.2#

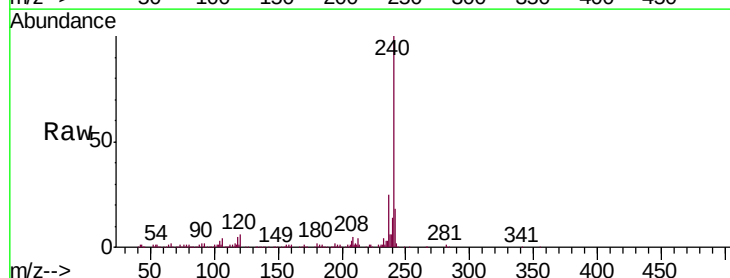


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

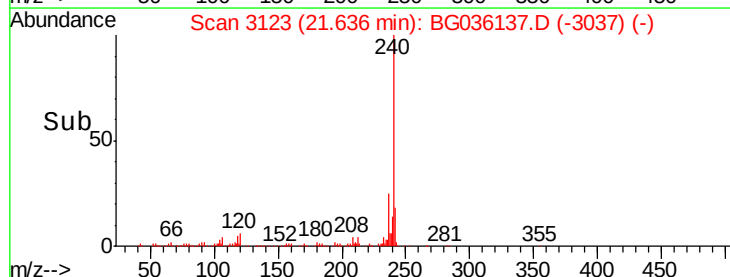
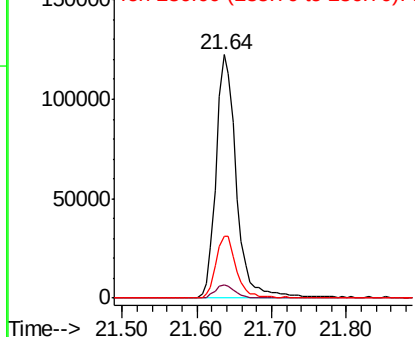


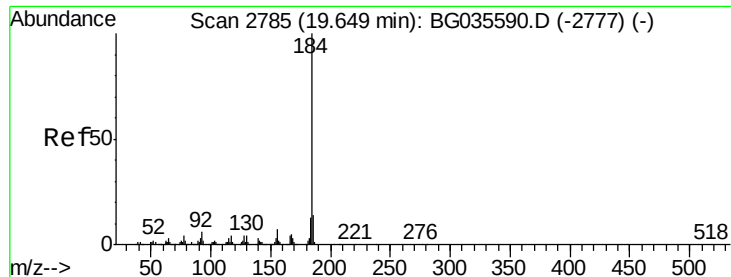
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

Tgt Ion: 240 Resp: 230489
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.5 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





#76

Benzidine

Concen: 2.926 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-M

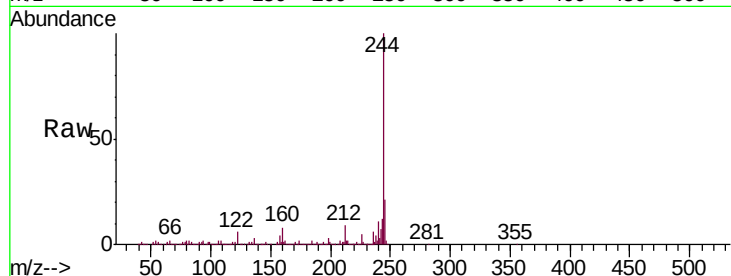
Tgt Ion:184 Resp: 17728

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

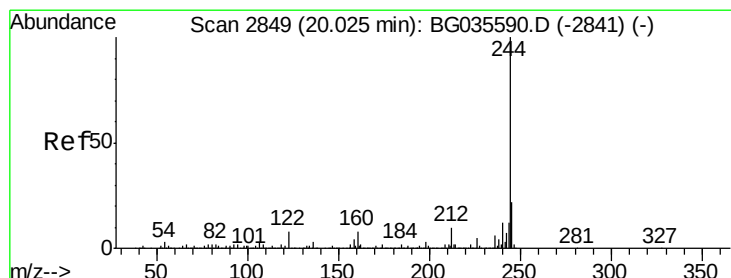
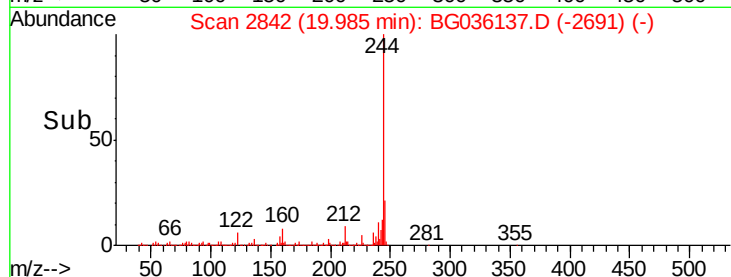
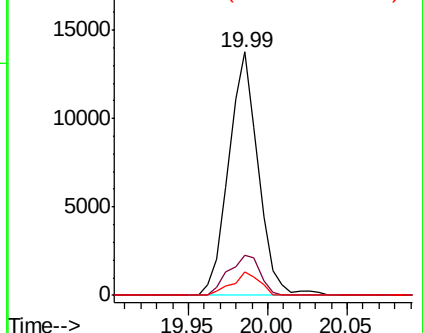
183 9.8 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 98.531 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

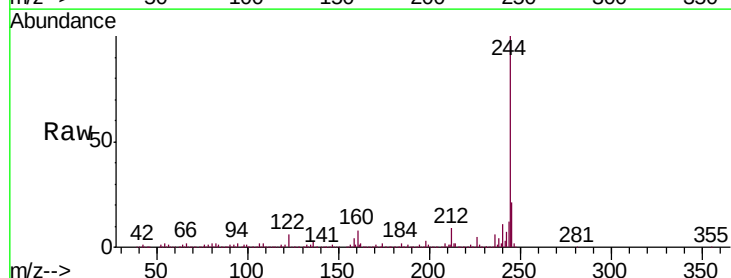
Tgt Ion:244 Resp: 1030276

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

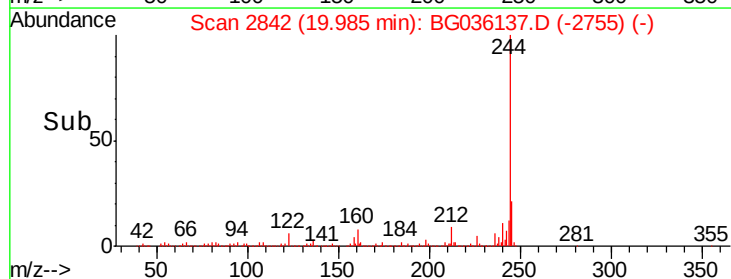
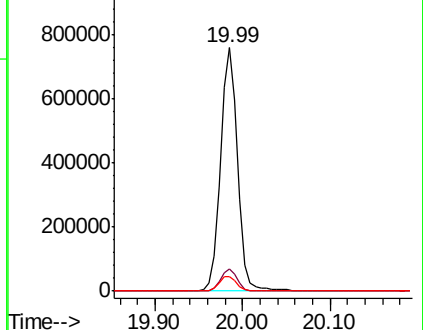
122 6.2 7.0 10.4#

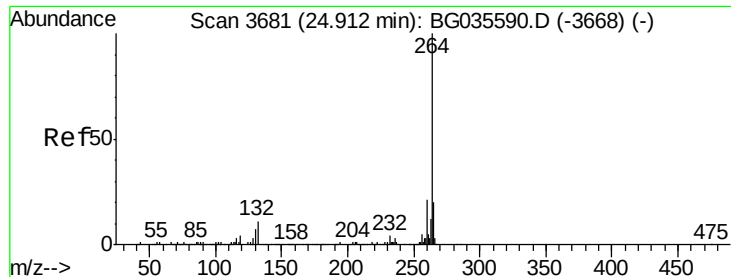


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.5	17.7	26.5

