

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036136.D
 Acq On : 6 Aug 2018 20:44
 Operator : JU/SJ
 Sample : J4330-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 07 01:02:09 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

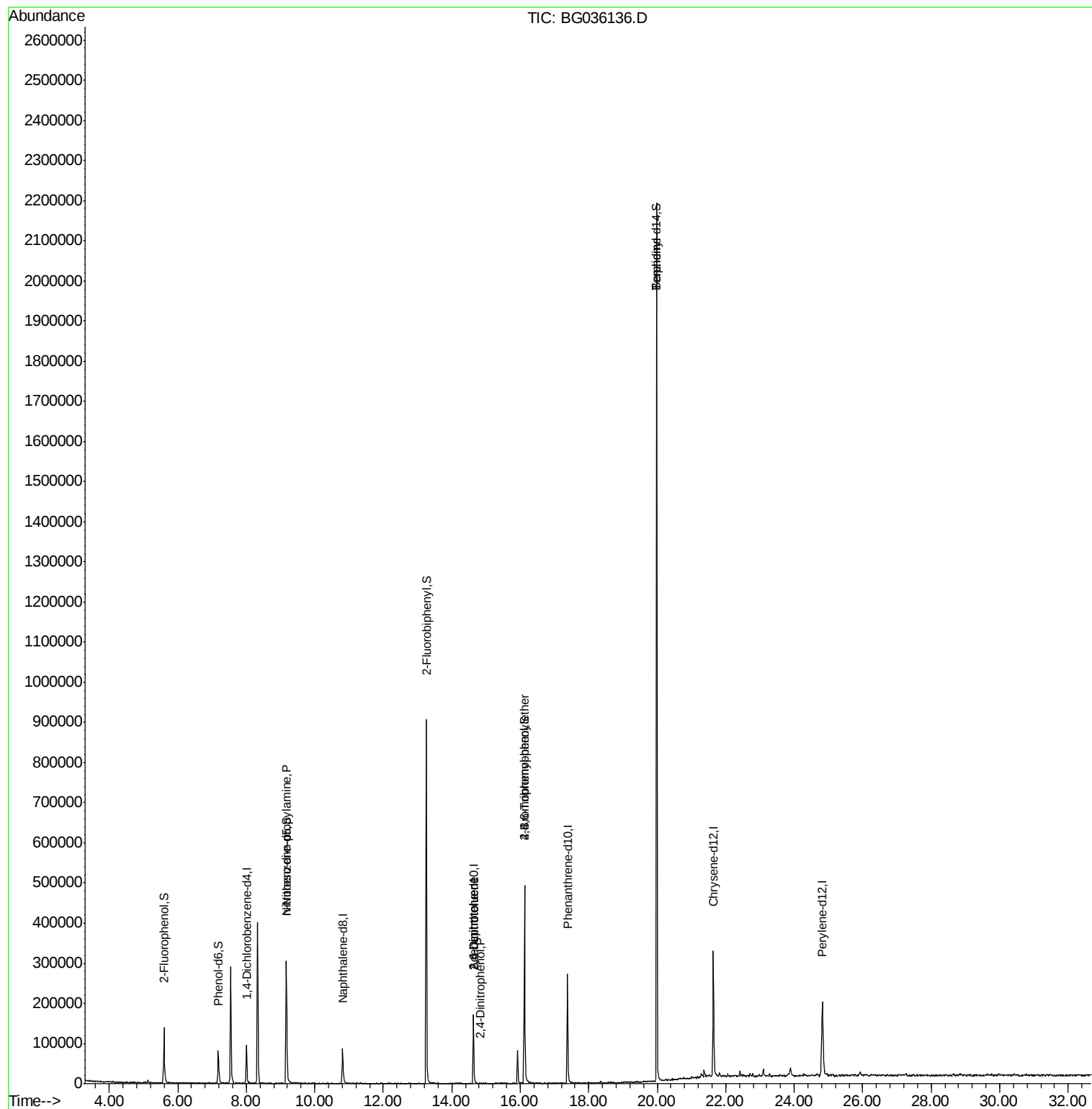
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26658	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	92834	20.00	ng	-0.01
38) Acenaphthene-d10	14.63	164	66103	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	205230	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	228452	20.00	ng	-0.02
86) Perylene-d12	24.82	264	221263	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	74830	46.60	ng	0.00
7) Phenol-d6	7.18	99	62013	25.89	ng	-0.01
23) Nitrobenzene-d5	9.17	82	237118	106.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	110332	126.63	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	522539	105.91	ng	-0.02
78) Terphenyl-d14	19.98	244	1063239	102.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	33002	16.359	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	9534	8.084	ng	# 18
53) 2,4-Dinitrophenol	14.82	184	56	6.667	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	9534	5.635	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	8698	3.653	ng	# 1
76) Benzidine	19.98	184	19024	3.167	ng	# 90

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

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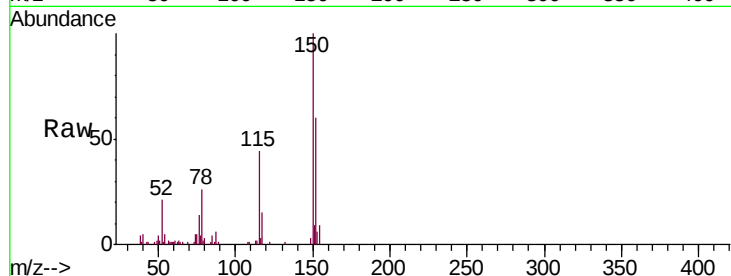


#1

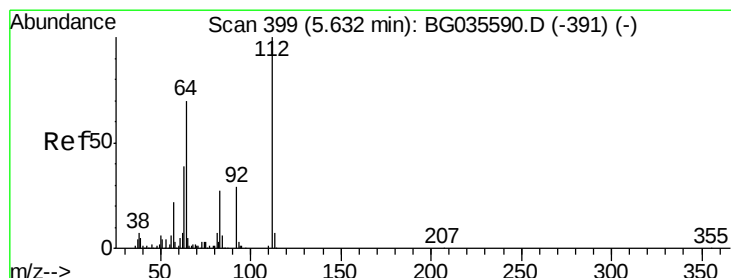
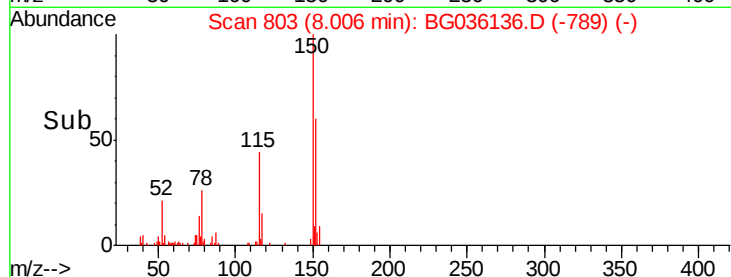
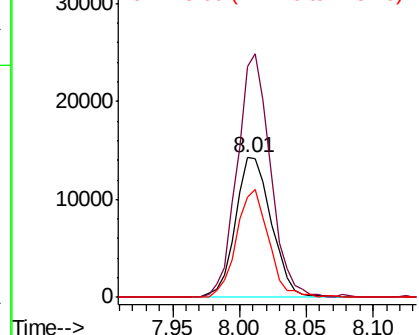
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

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

Tgt Ion:152 Resp: 26658
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 72.1 53.0 79.4



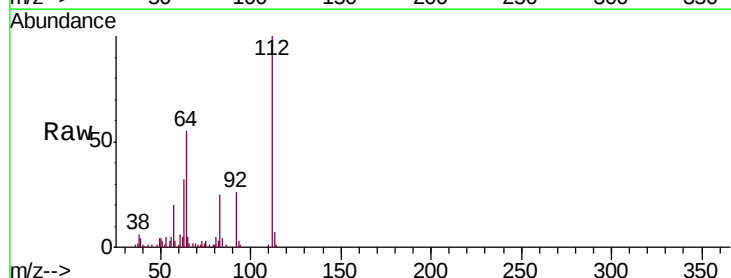
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



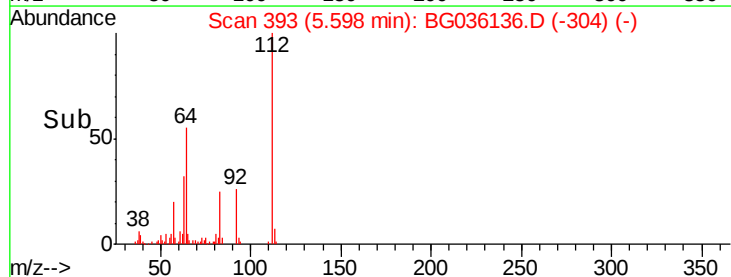
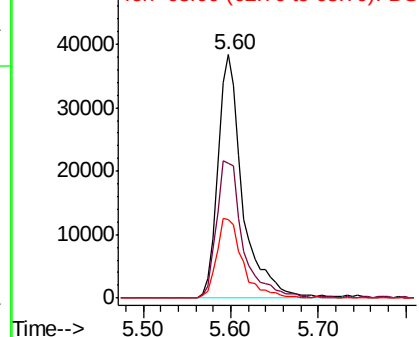
#5

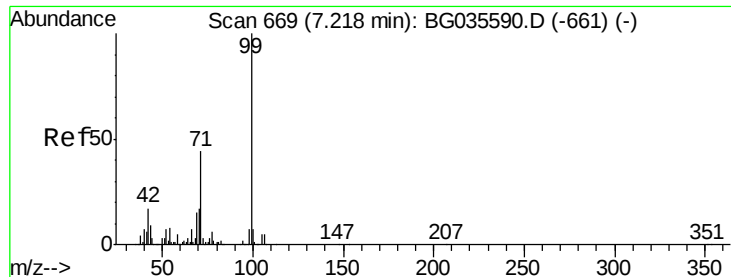
2-Fluorophenol
Concen: 46.603 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion:112 Resp: 74830
Ion Ratio Lower Upper
112 100
64 55.4 56.3 84.5#
63 32.3 30.1 45.1



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





#7

Phenol-d6

Concen: 25.886 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-B

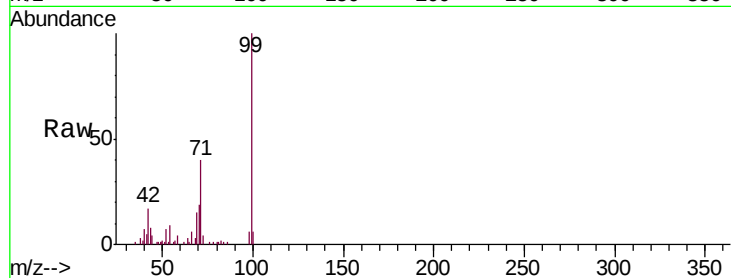
Tgt Ion: 99 Resp: 62013

Ion Ratio Lower Upper

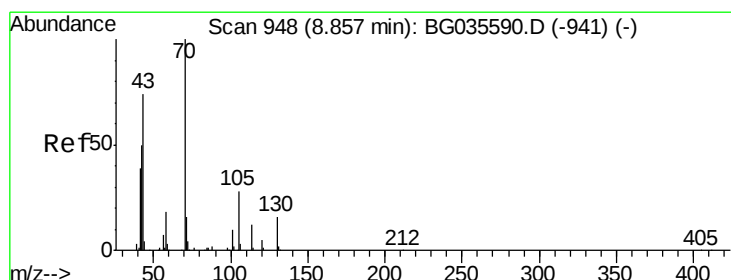
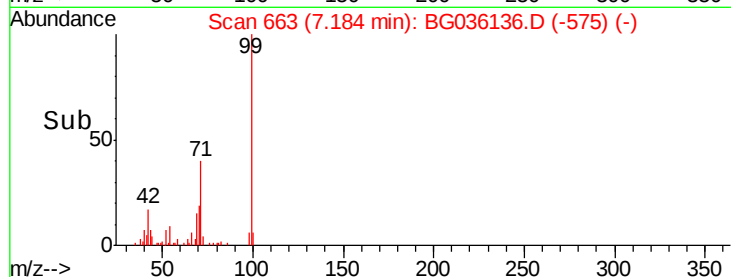
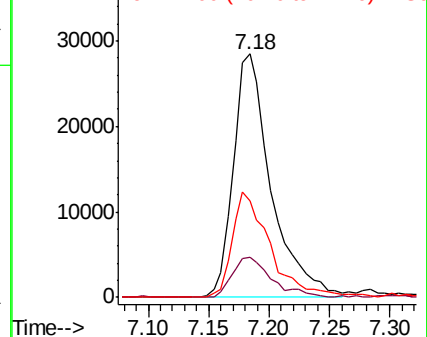
99 100

42 16.5 14.1 21.1

71 39.5 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: 16.359 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Tgt Ion: 70 Resp: 33002

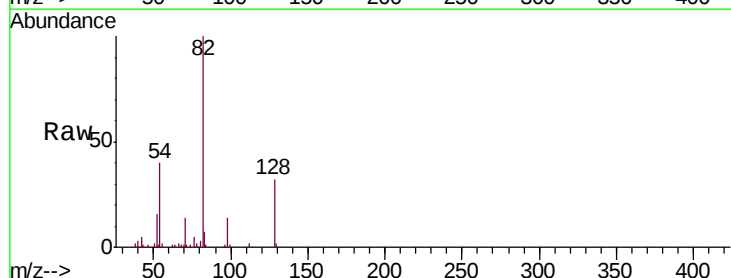
Ion Ratio Lower Upper

70 100

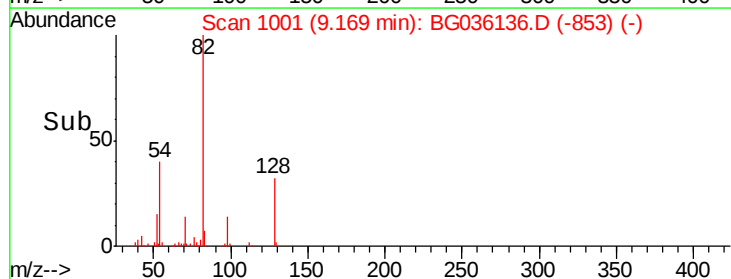
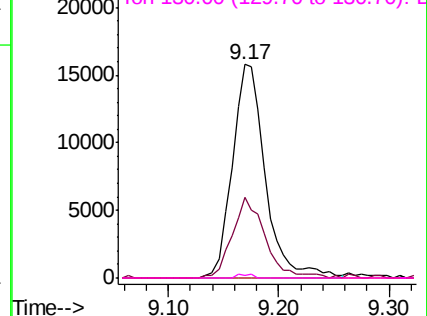
42 38.0 49.1 73.7#

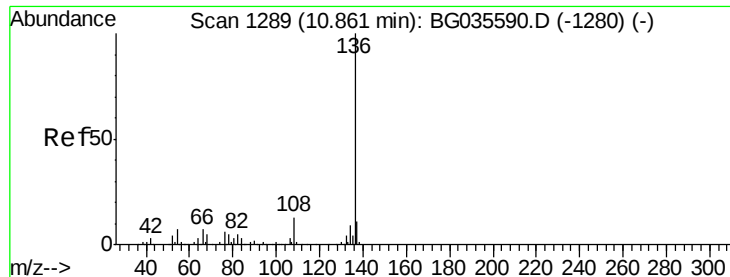
101 0.0 8.5 12.7#

130 1.5 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

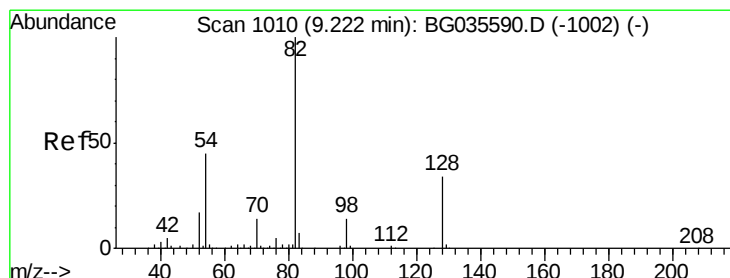
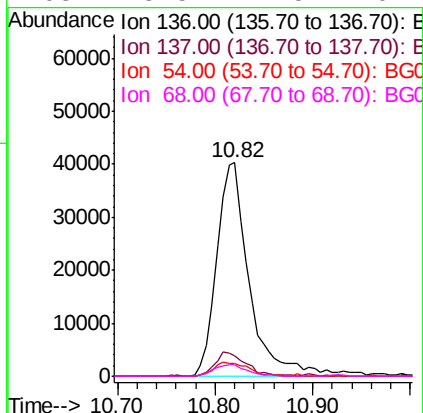
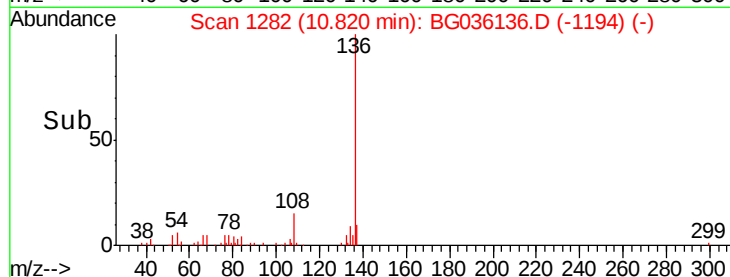
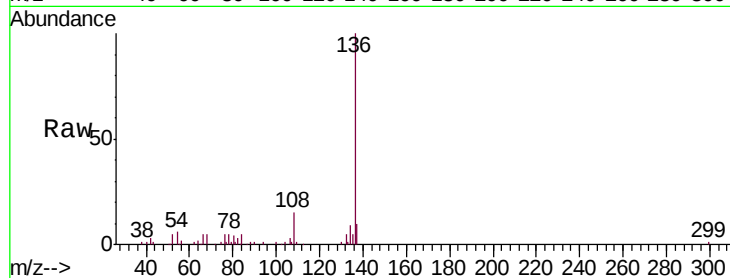




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

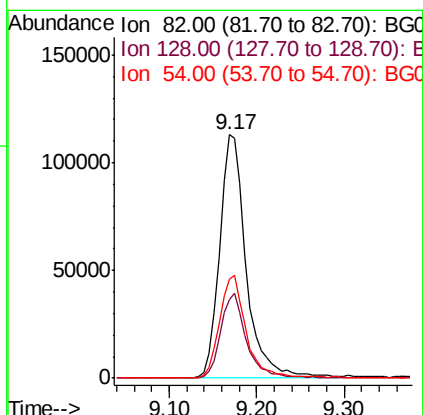
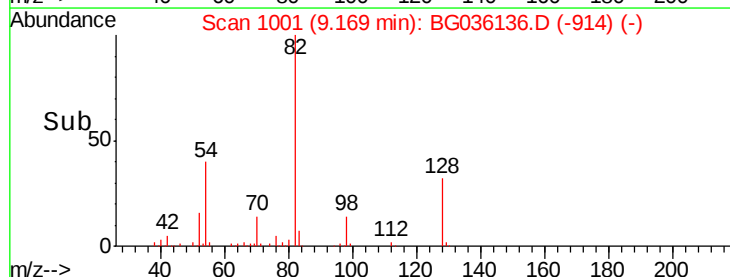
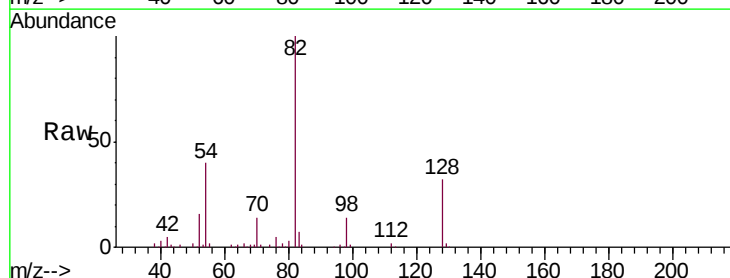
Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-B

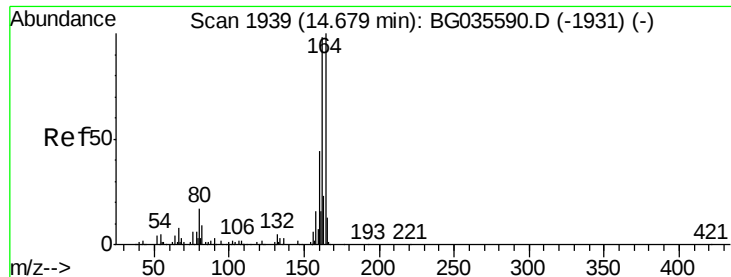
Tgt Ion:	136	Resp:	92834
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	6.1	10.3	15.5#
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 106.702 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion:	82	Resp:	237118
Ion	Ratio	Lower	Upper
82	100		
128	32.2	29.7	44.5
54	40.4	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: BG036136.D

Acq: 6 Aug 2018 20:44

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-B

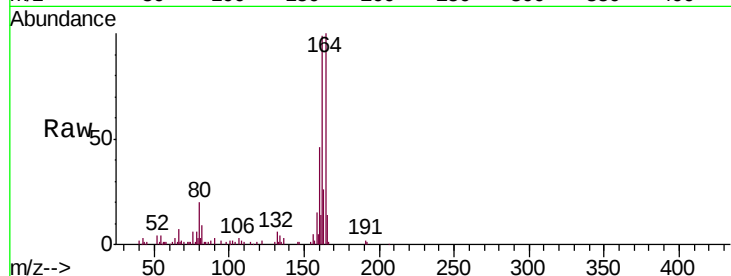
Tgt Ion:164 Resp: 66103

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

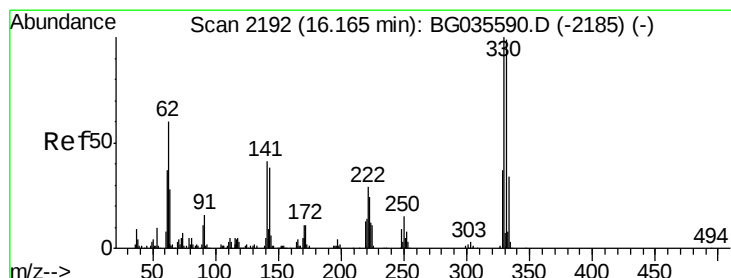
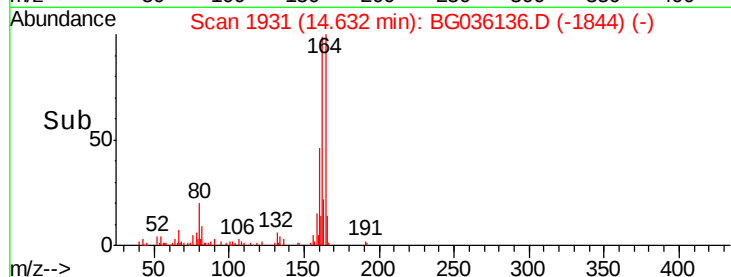
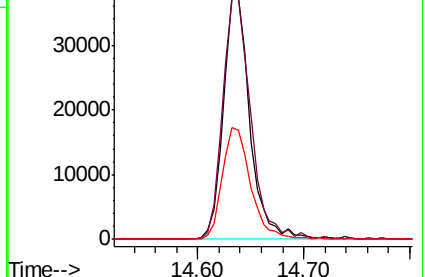
160 46.1 35.4 53.0



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: 126.632 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

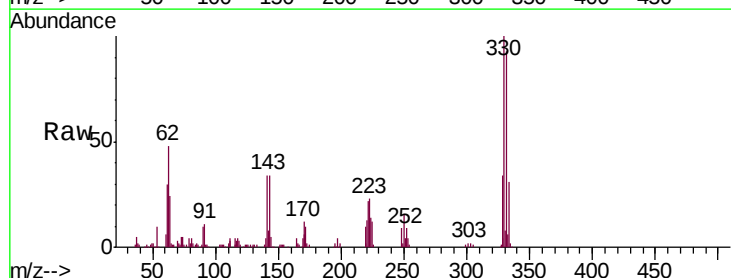
Tgt Ion:330 Resp: 110332

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

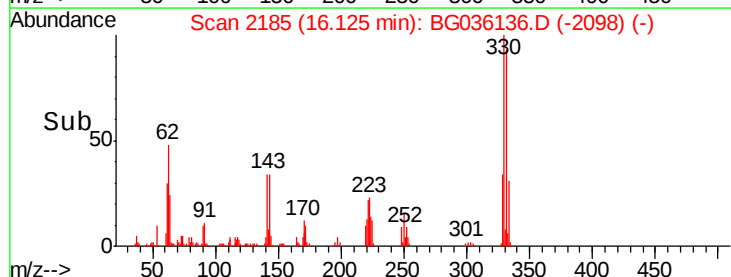
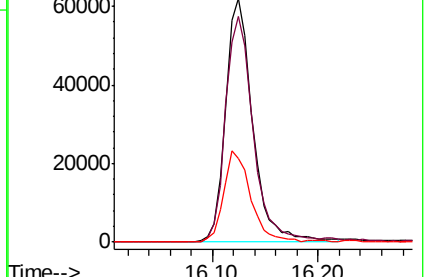
141 37.3 25.2 37.8

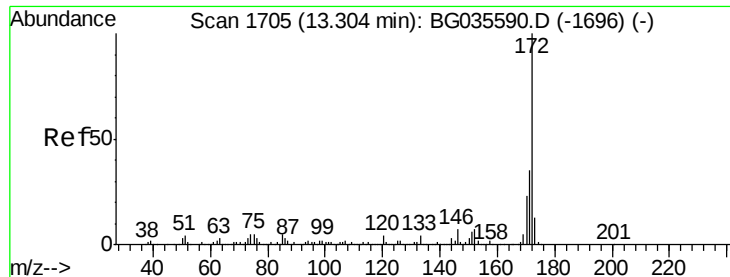


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

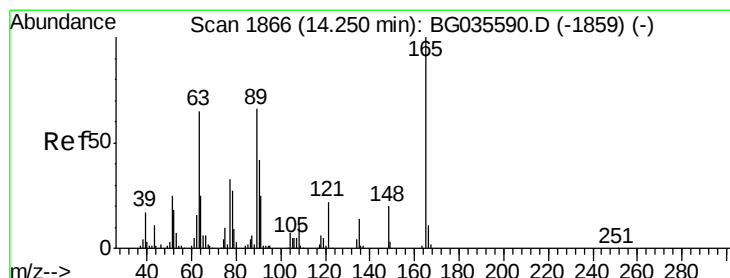
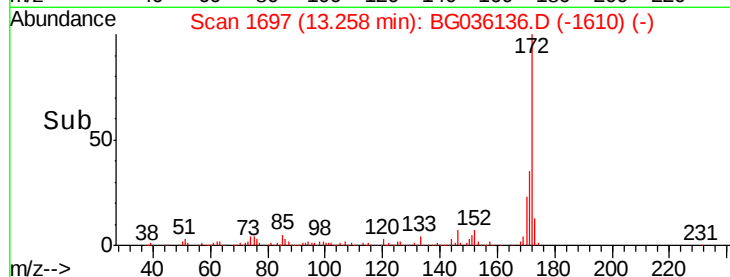
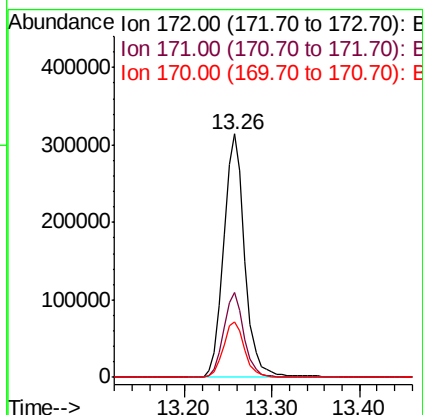
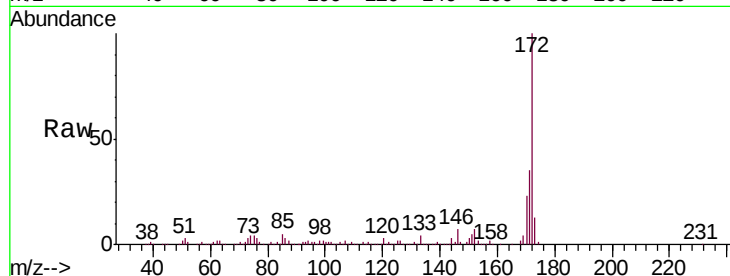




#44
 2-Fluorobiphenyl
 Concen: 105.905 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

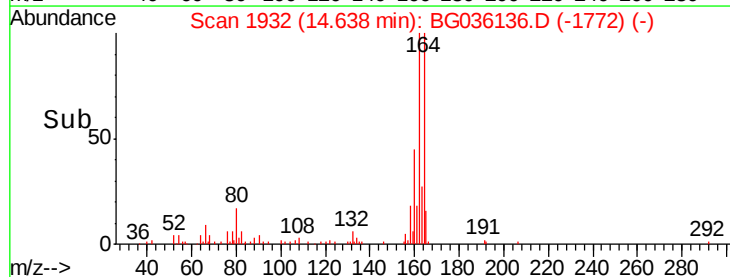
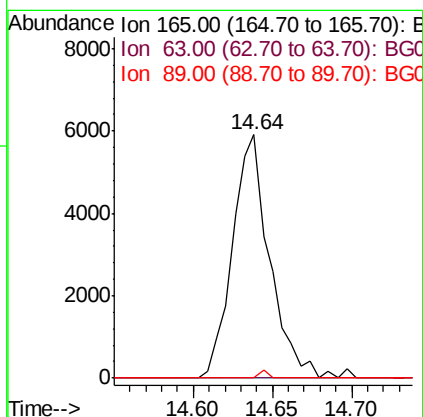
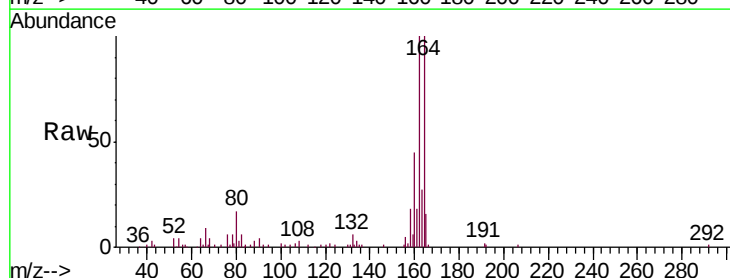
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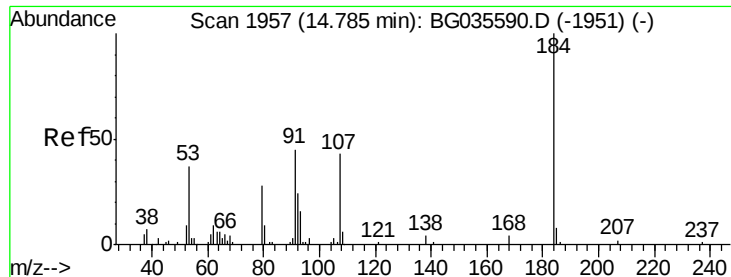
Tgt Ion:172 Resp: 522539
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.084 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

Tgt Ion:165 Resp: 9534
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

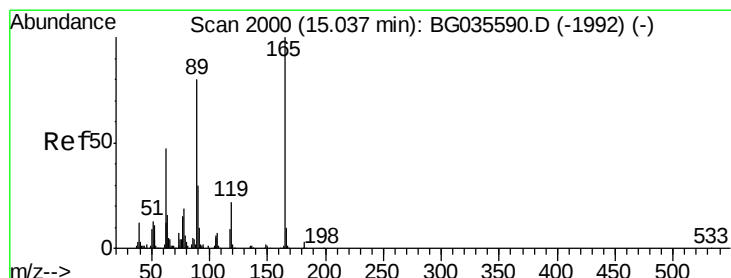
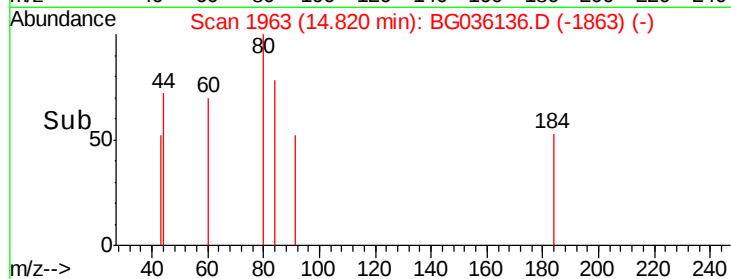
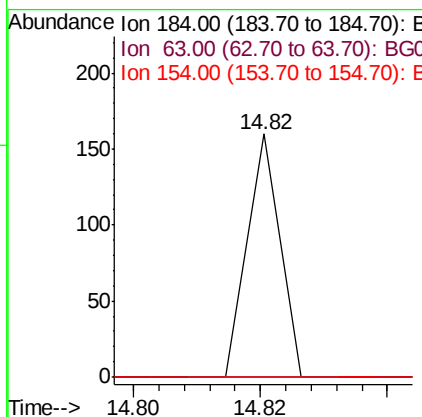
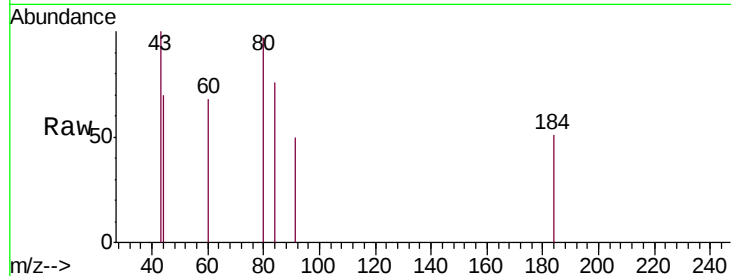




#53
2,4-Dinitrophenol
Concen: 6.667 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.06 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

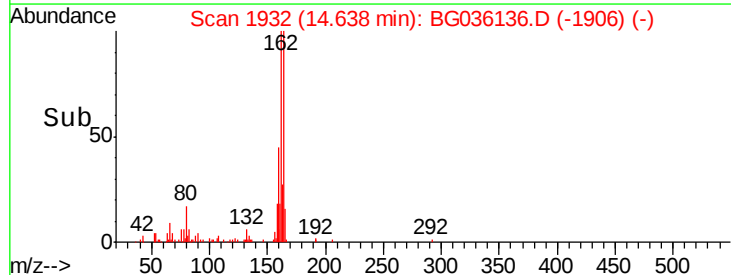
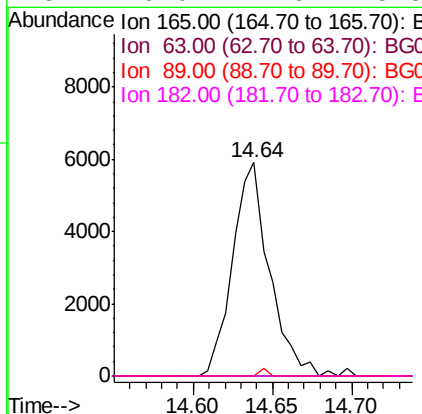
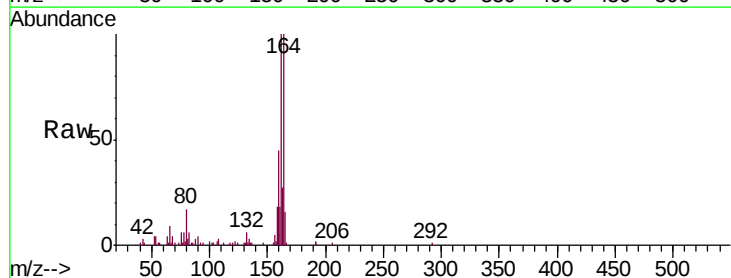
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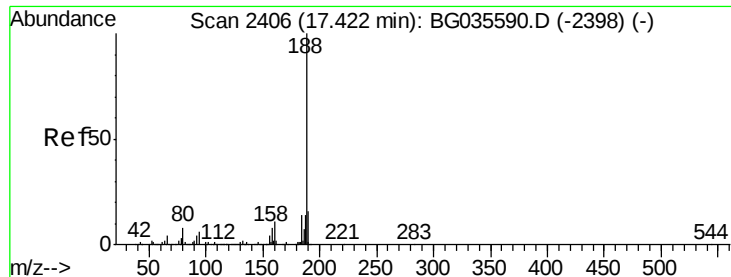
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.635 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion:165 Resp: 9534
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#

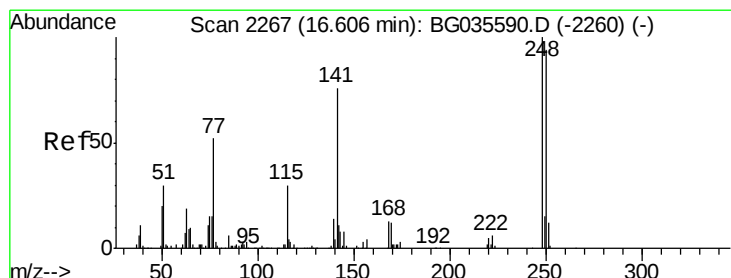
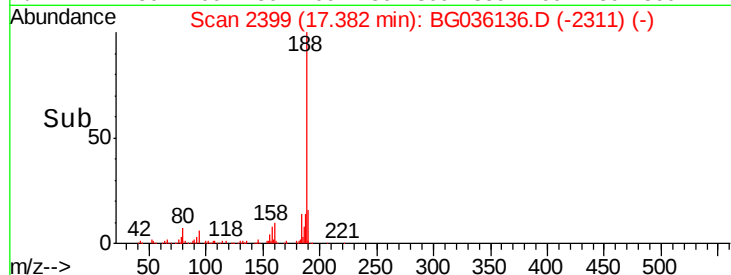
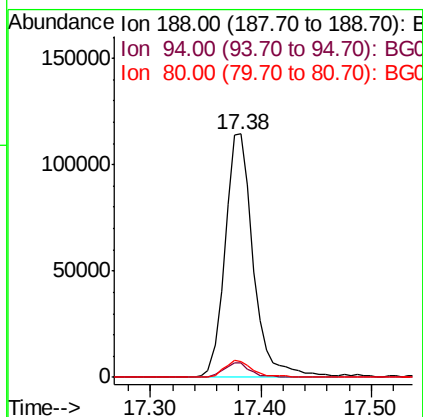
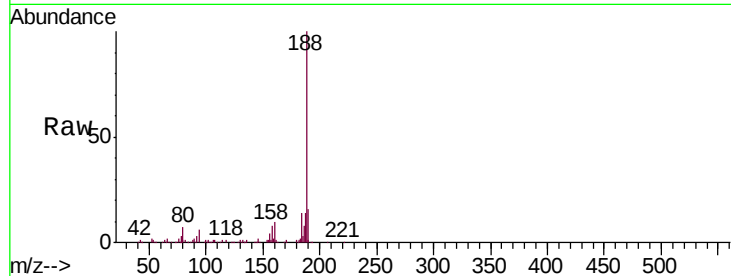




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

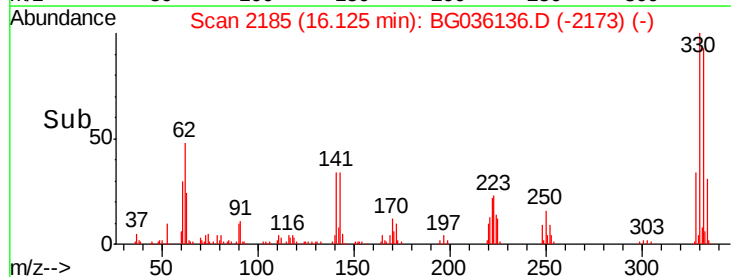
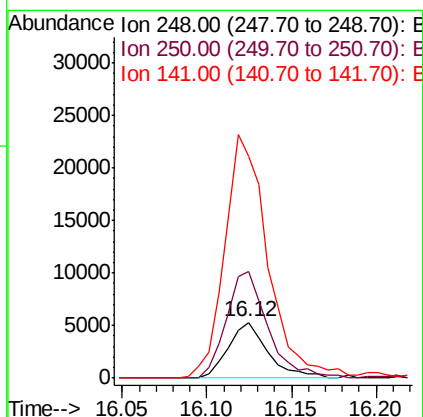
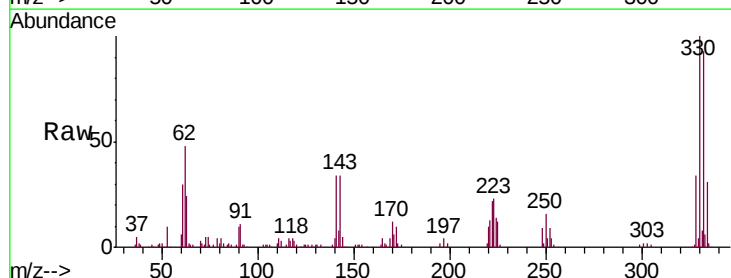
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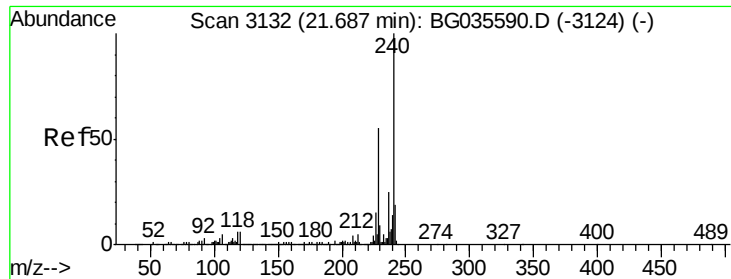
Tgt Ion:188 Resp: 205230
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.7 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion:248 Resp: 8698
Ion Ratio Lower Upper
248 100
250 190.3 77.1 115.7#
141 397.1 50.8 76.2#

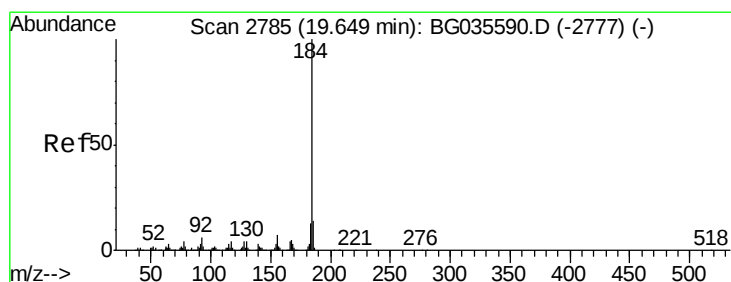
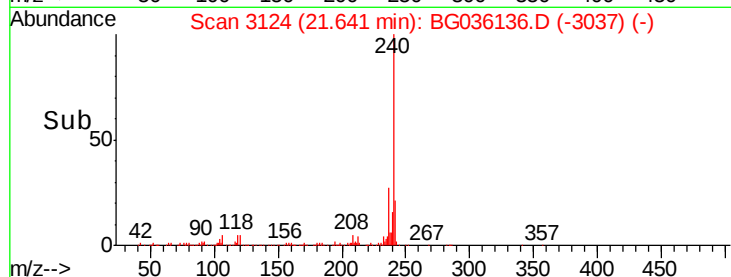
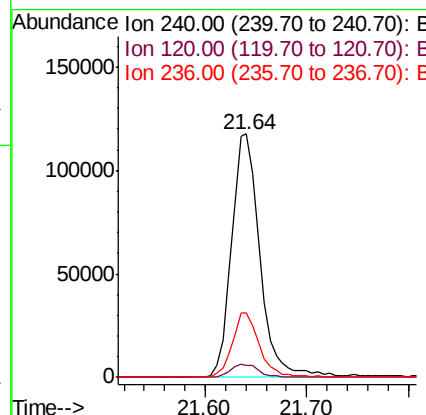
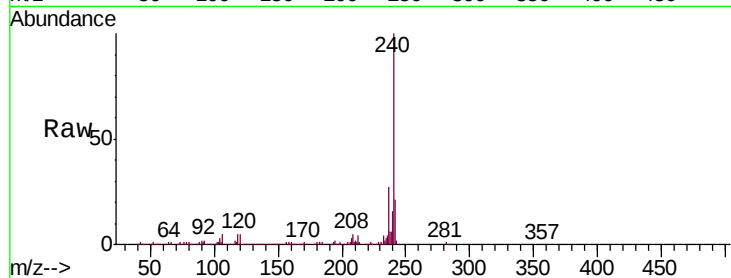




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

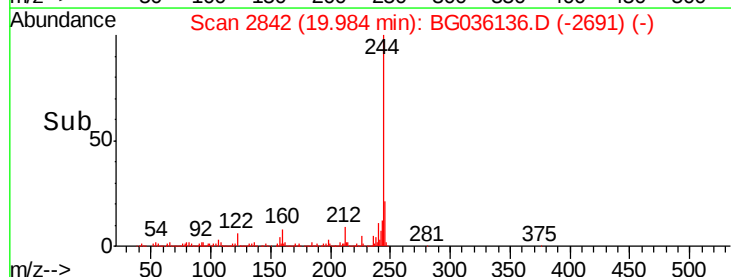
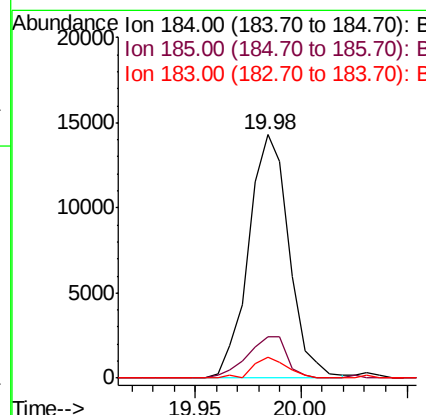
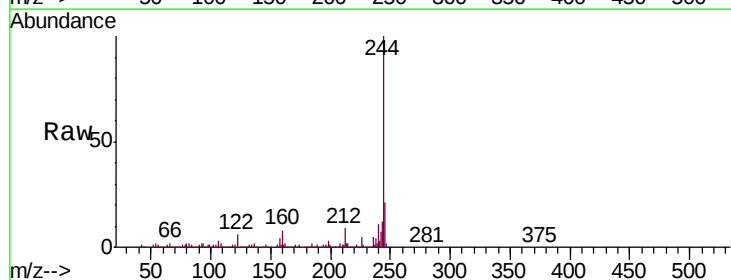
Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-B

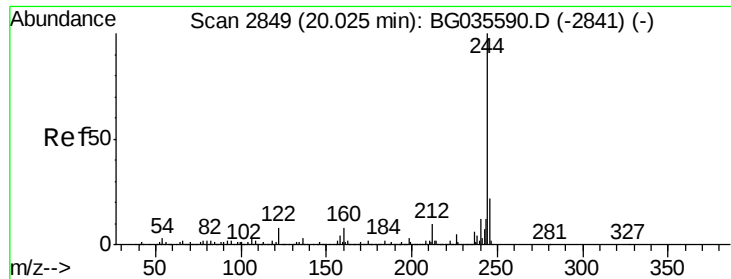
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.7	20.9	31.3



#76
Benzidine
Concen: 3.167 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.1	16.7#
183	8.5	10.6	16.0#





#78

Terphenyl-d14

Concen: 102.590 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-B

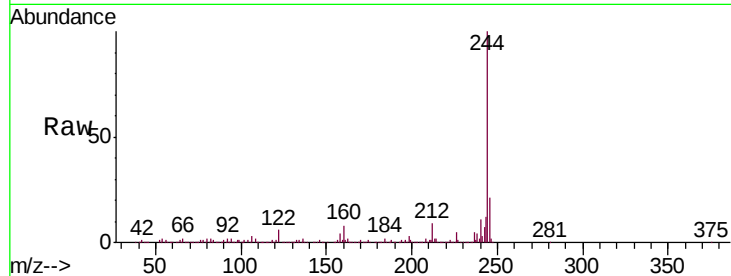
Tgt Ion:244 Resp: 1063239

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

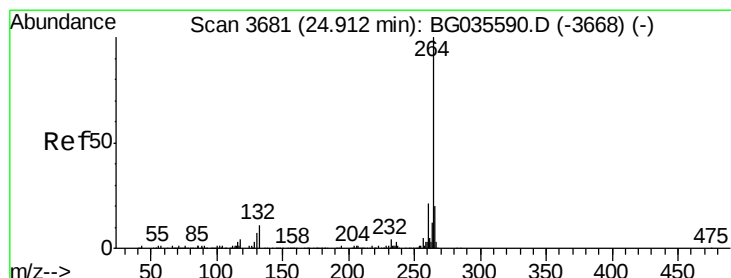
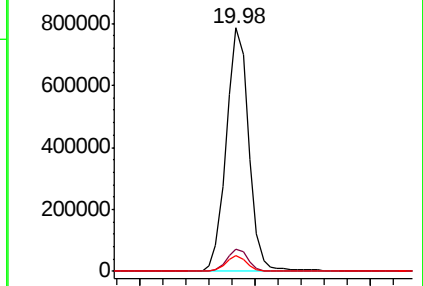
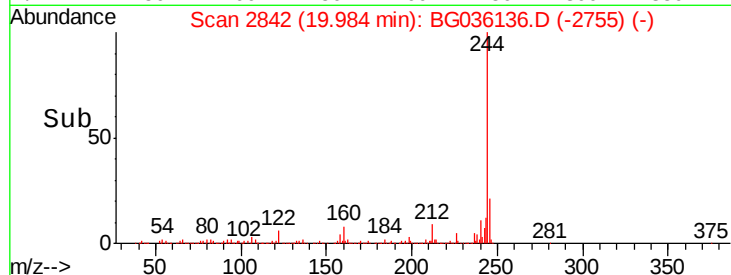
122 6.5 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

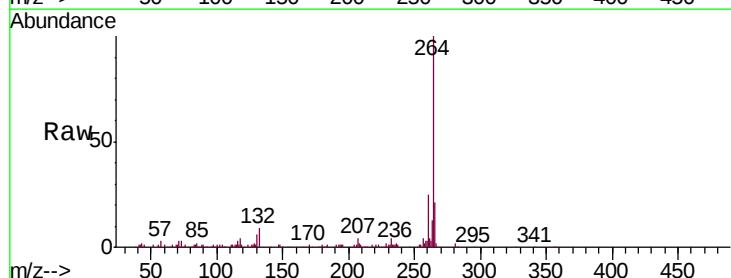
Tgt Ion:264 Resp: 221263

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

