

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036201.D
 Acq On : 8 Aug 2018 17:14
 Operator : JU/SJ
 Sample : J4332-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080118-TIPC-F-D-B

Quant Time: Aug 09 01:31:10 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

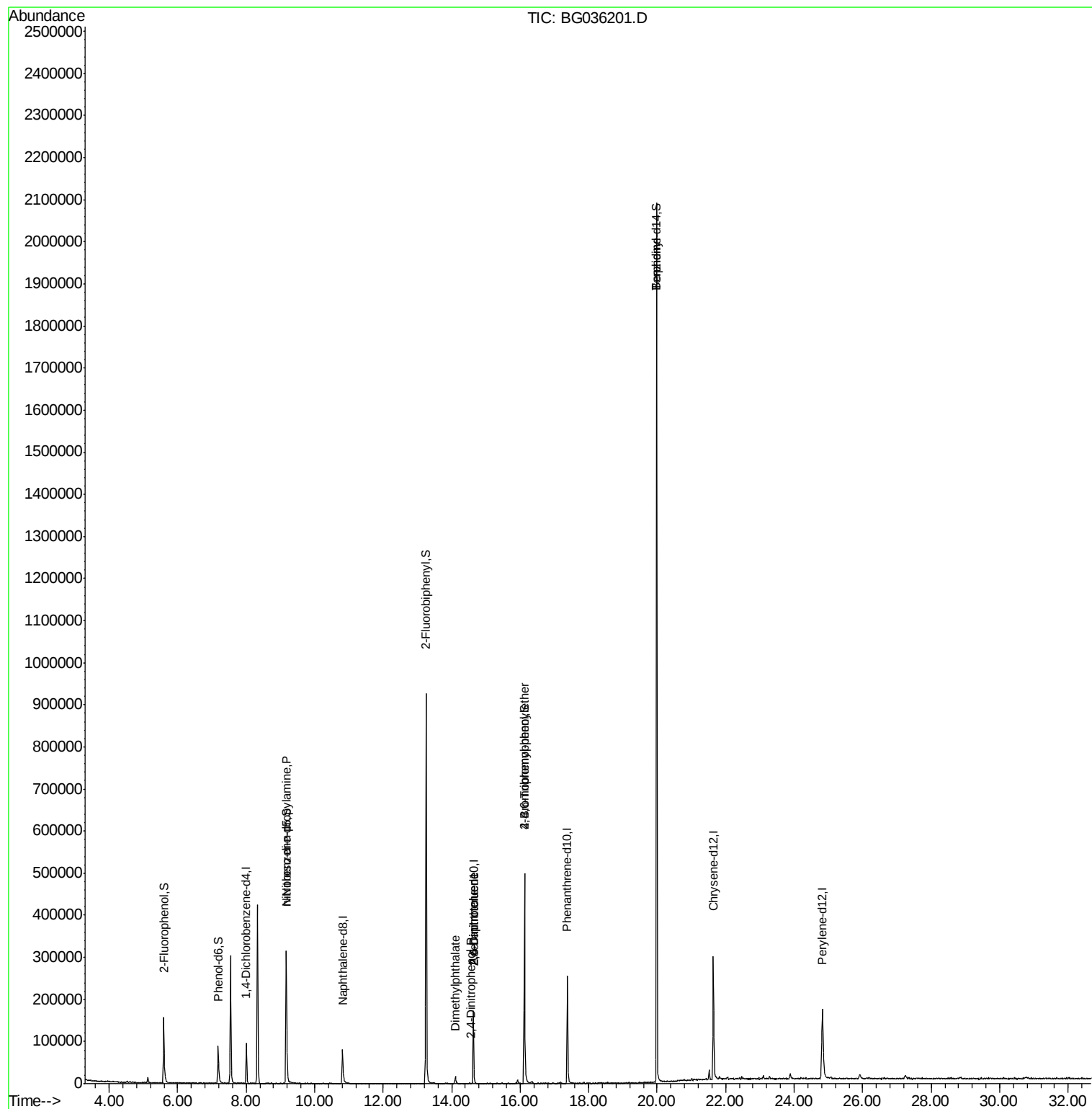
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27391	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	91798	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	64580	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	188453	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	219160	20.00	ng	-0.02
86) Perylene-d12	24.83	264	206805	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	77991	47.27	ng	-0.01
7) Phenol-d6	7.18	99	68543	27.85	ng	-0.01
23) Nitrobenzene-d5	9.17	82	234290	106.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	105427	123.86	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	539318	111.88	ng	-0.02
78) Terphenyl-d14	19.99	244	1004824	101.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	31488	15.191	ng	# 67
49) Dimethylphthalate	14.10	163	19903	3.518	ng	# 97
50) 2,6-Dinitrotoluene	14.63	165	9216	7.999	ng	# 21
53) 2,4-Dinitrophenol	14.56	184	54	6.666	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9216	5.575	ng	# 19
66) 4-Bromophenyl-phenylether	16.13	248	7860	3.595	ng	# 1
76) Benzidine	19.99	184	18126	3.146	ng	# 94

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

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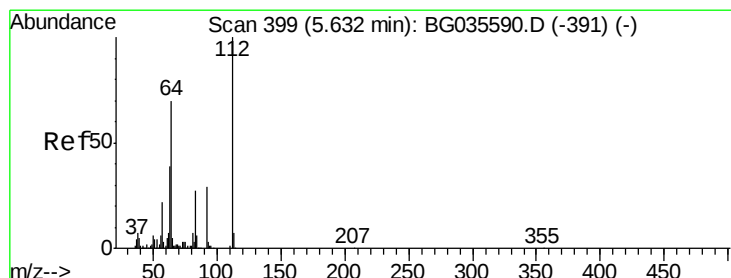
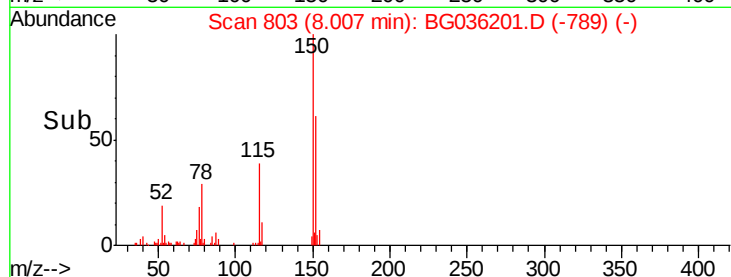
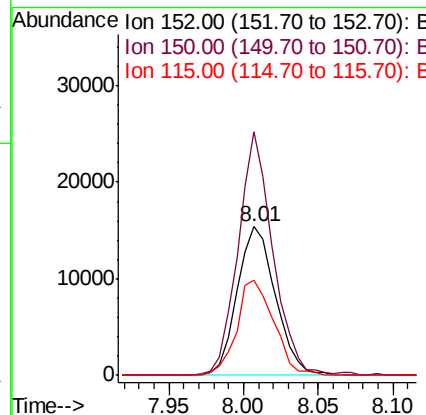
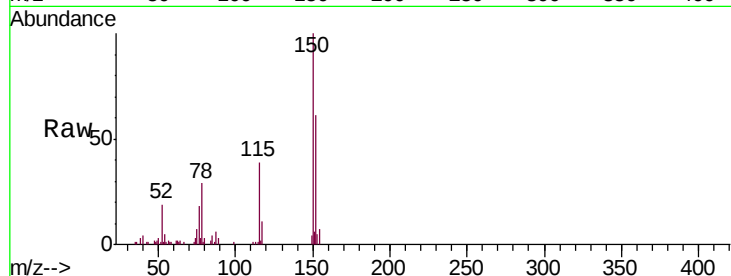


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

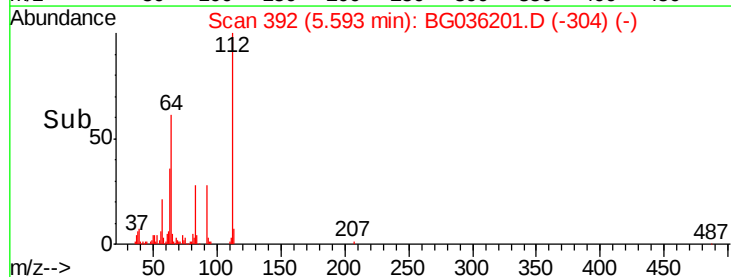
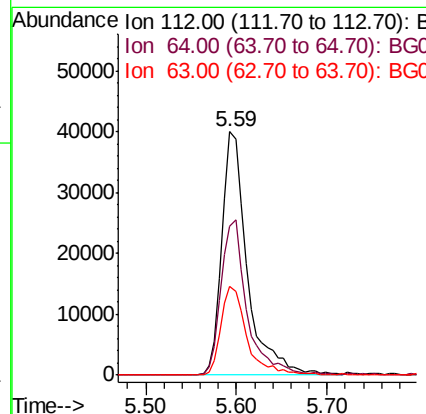
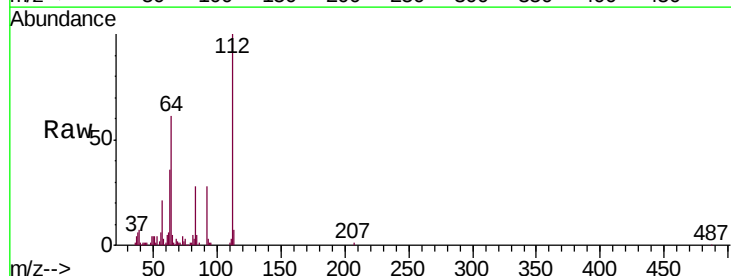
Tgt Ion:152 Resp: 27391
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 64.4 53.0 79.4

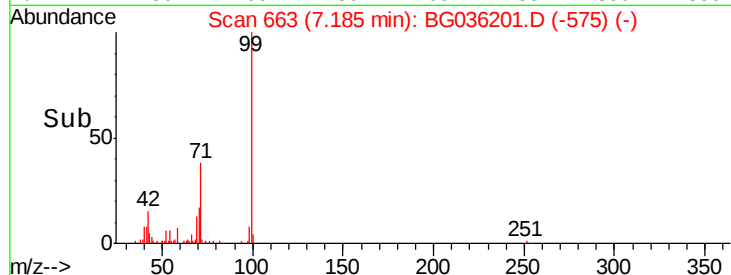
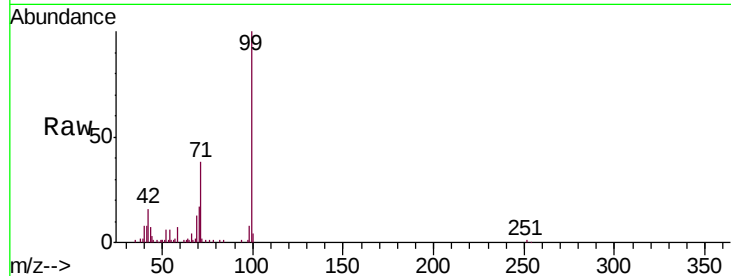


#5

2-Fluorophenol
Concen: 47.272 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Tgt Ion:112 Resp: 77991
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 36.3 30.1 45.1

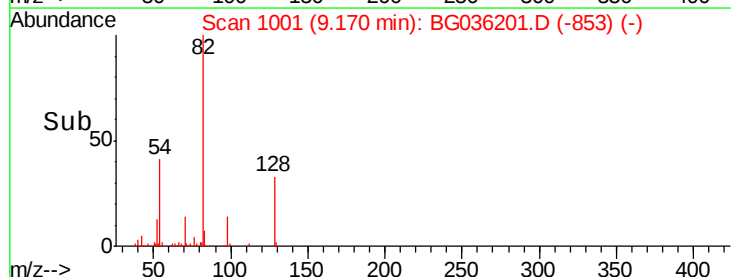
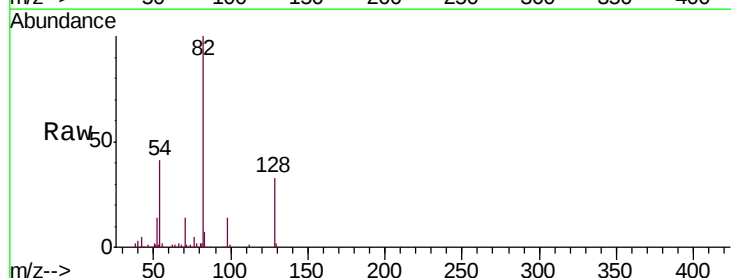
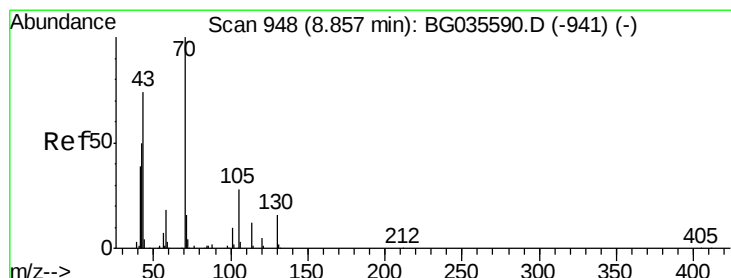
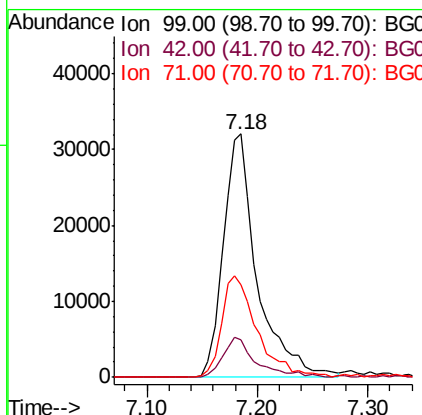




#7
Phenol-d6
Concen: 27.846 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

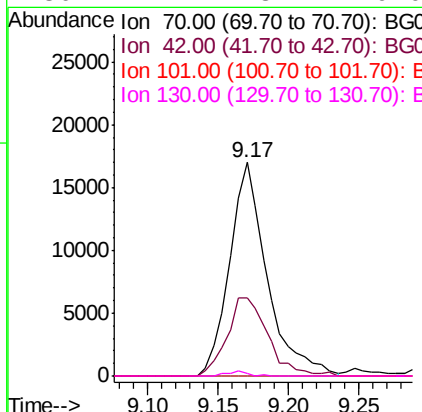
Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	38.0	26.1	39.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.191 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
70	100		
42	36.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#

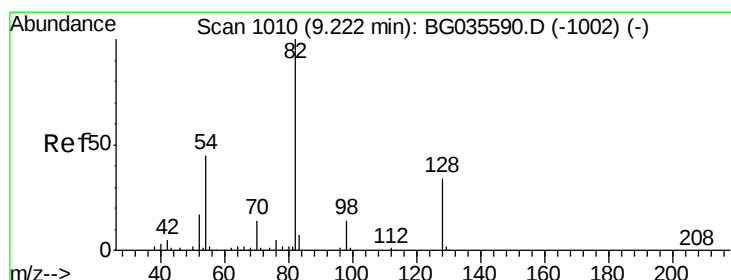
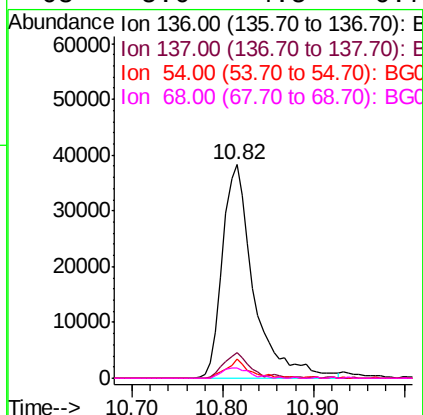
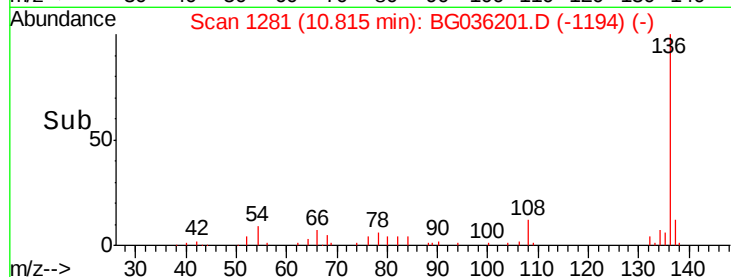
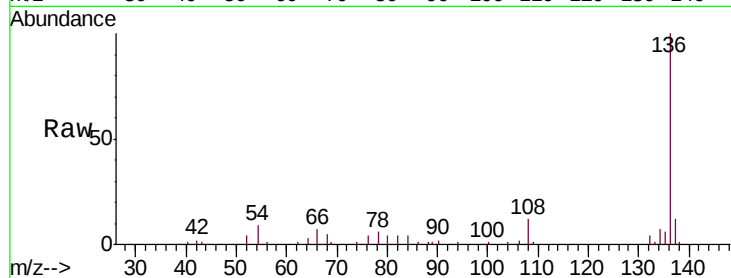




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

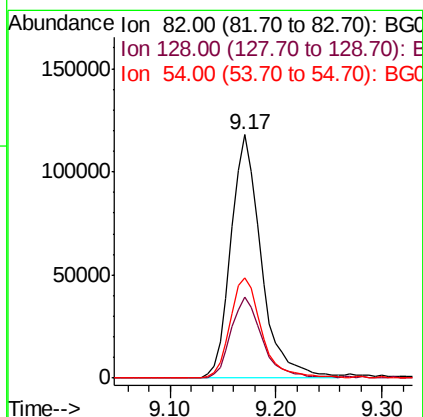
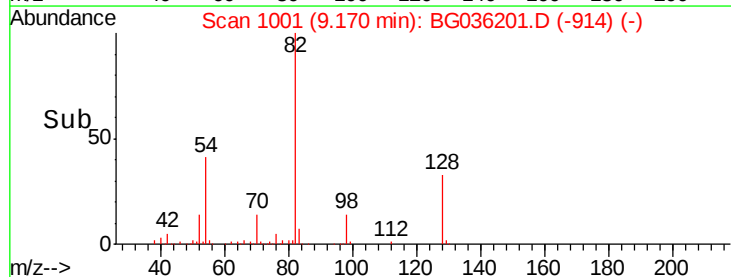
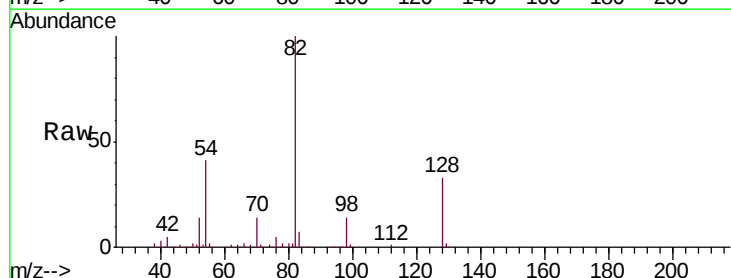
Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

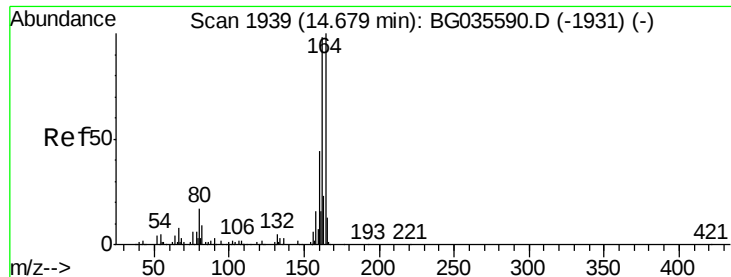
Tgt Ion: 136 Resp: 91798
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 8.9 10.3 15.5#
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 106.619 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Tgt Ion: 82 Resp: 234290
Ion Ratio Lower Upper
82 100
128 33.5 29.7 44.5
54 41.3 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: BG036201.D

Acq: 8 Aug 2018 17:14

Instrument :

BNA_G

ClientSampleId :

080118-TIPC-F-D-B

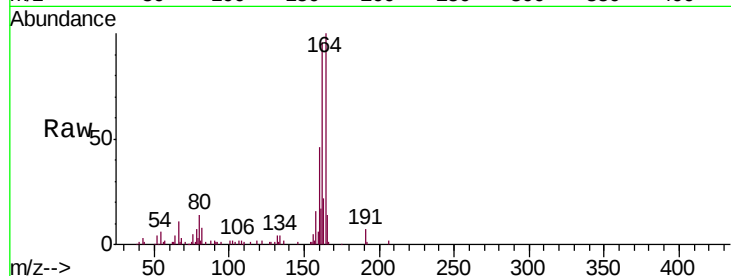
Tgt Ion:164 Resp: 64580

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

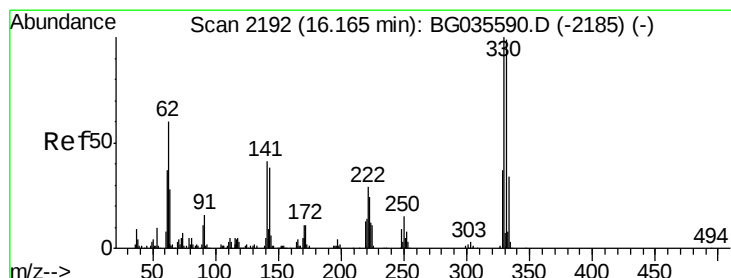
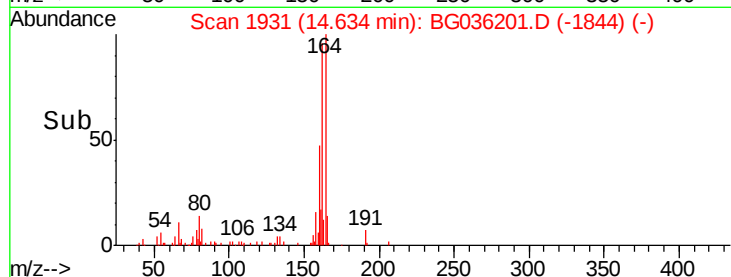
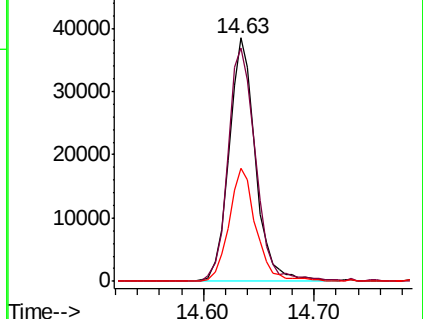
160 46.4 35.4 53.0



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: 123.856 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036201.D

Acq: 8 Aug 2018 17:14

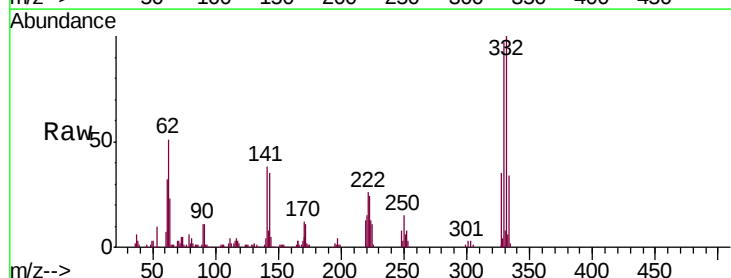
Tgt Ion:330 Resp: 105427

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

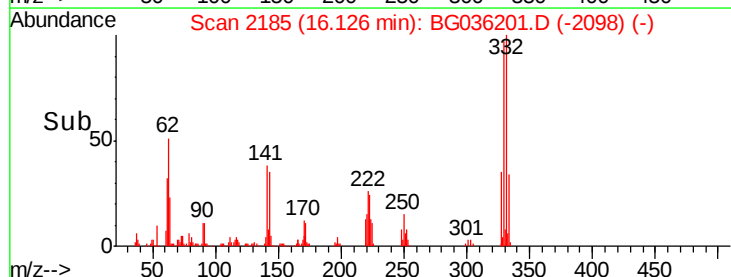
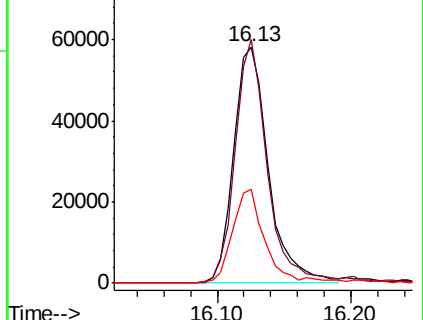
141 38.1 25.2 37.8#

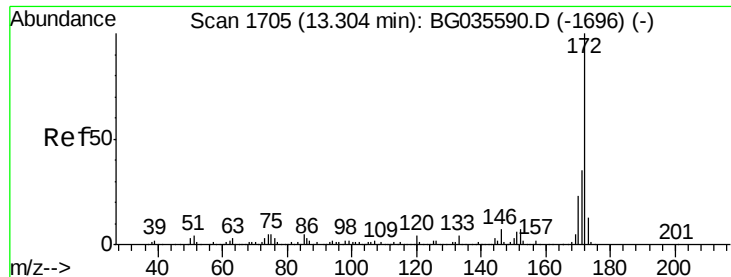


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

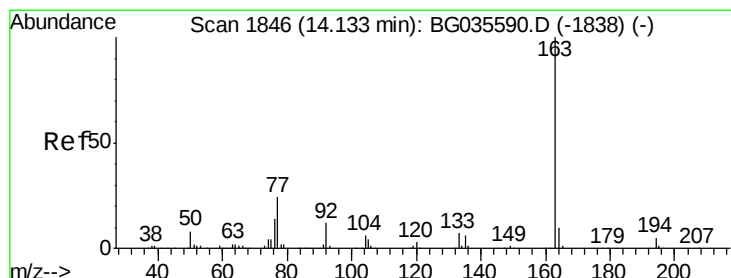
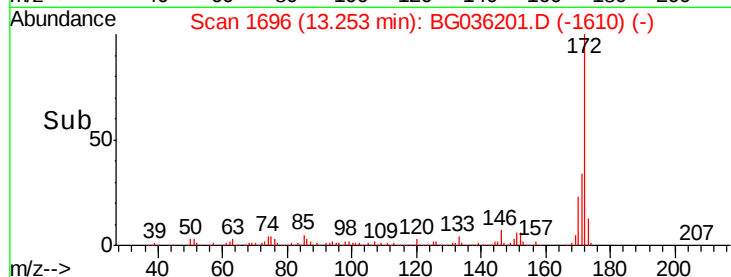
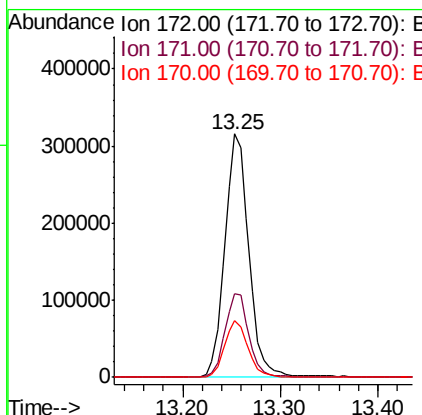
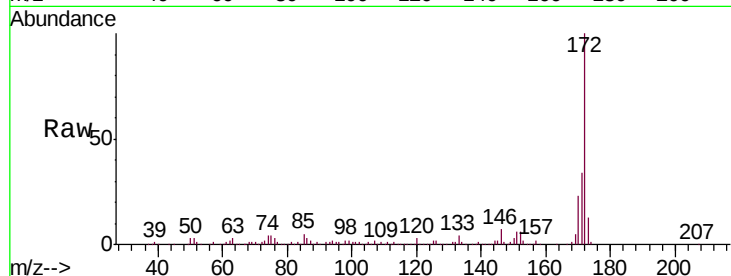




#44
 2-Fluorobiphenyl
 Concen: 111.884 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036201.D
 Acq: 8 Aug 2018 17:14

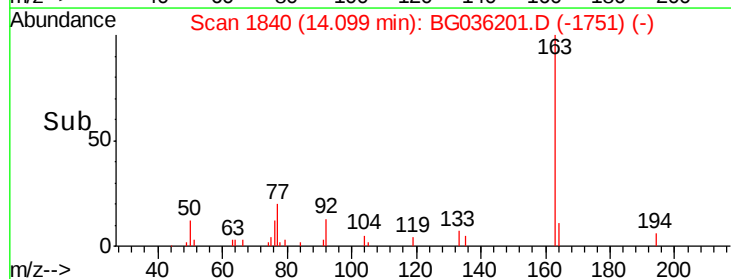
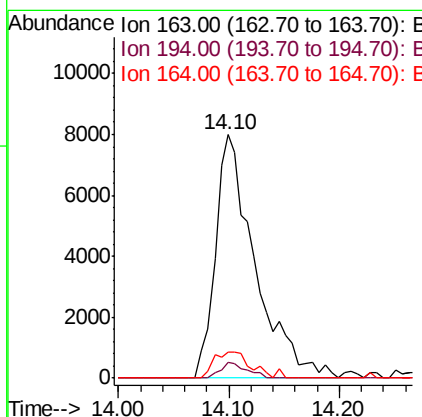
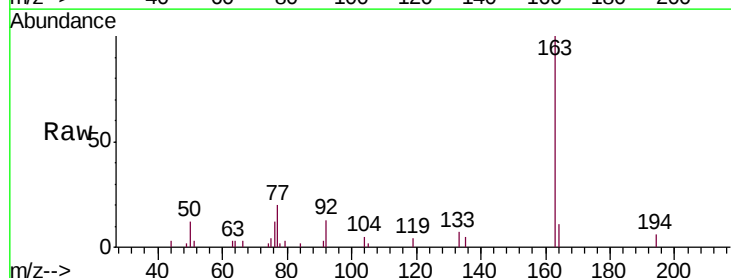
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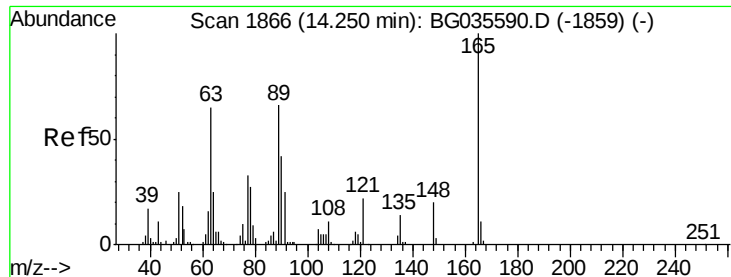
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.1	19.5	29.3



#49
 Dimethylphthalate
 Concen: 3.518 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG036201.D
 Acq: 8 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.4	5.2#
164	10.8	8.2	12.4

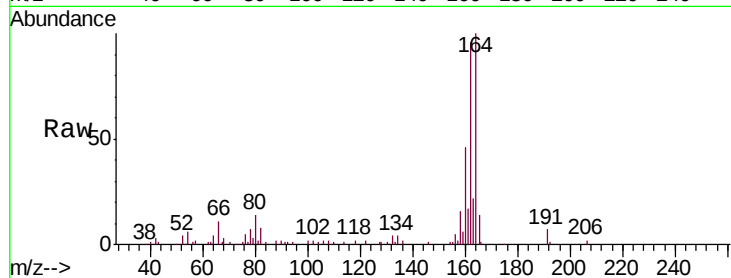




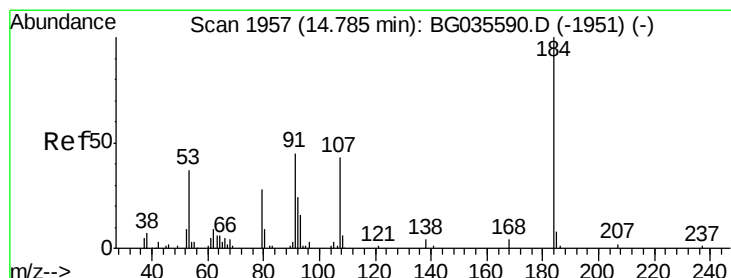
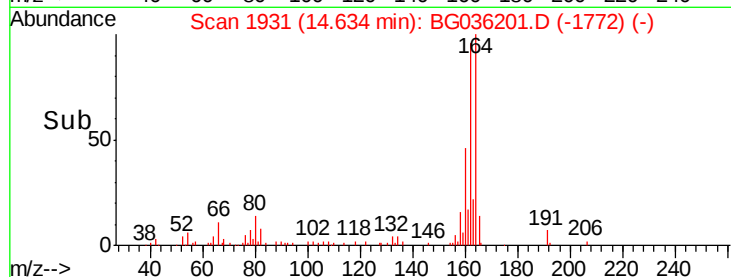
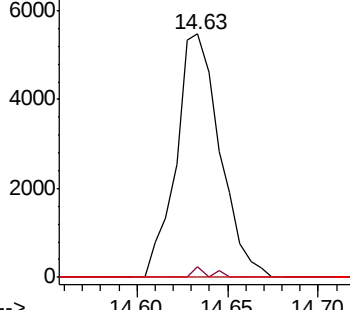
#50
 2,6-Dinitrotoluene
 Concen: 7.999 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.41 min
 Lab File: BG036201.D
 Acq: 8 Aug 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 080118-TIPC-F-D-B

Tgt Ion:165 Resp: 9216
 Ion Ratio Lower Upper
 165 100
 63 4.4 52.7 79.1#
 89 0.0 49.2 73.8#

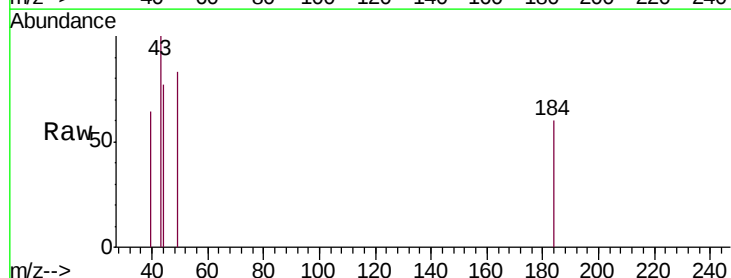


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

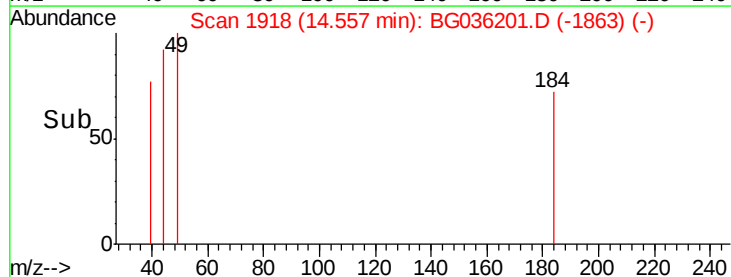
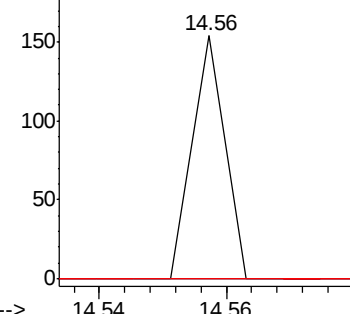


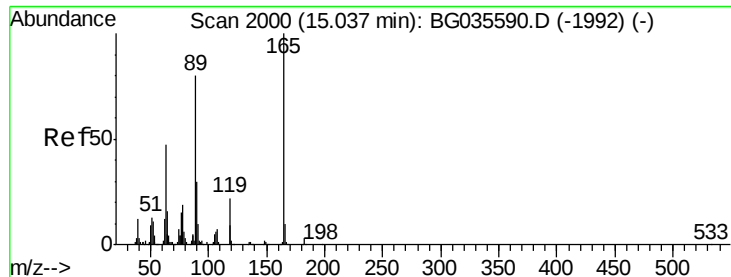
#53
 2,4-Dinitrophenol
 Concen: 6.666 ng
 RT: 14.56 min Scan# 1918
 Delta R.T. -0.21 min
 Lab File: BG036201.D
 Acq: 8 Aug 2018 17:14

Tgt Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 5.575 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.38 min

Lab File: BG036201.D

Acq: 8 Aug 2018 17:14

Instrument :

BNA_G

ClientSampleId :

080118-TIPC-F-D-B

Tgt Ion:165 Resp: 9216

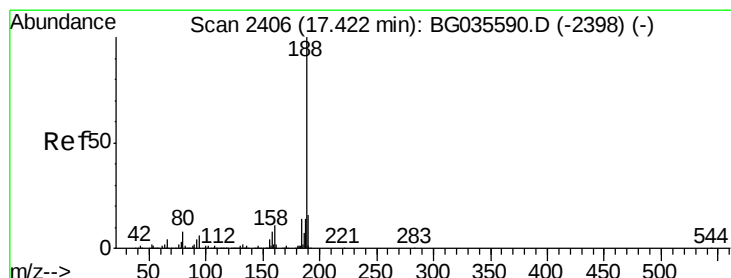
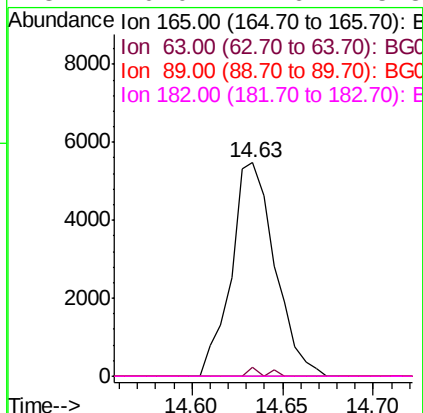
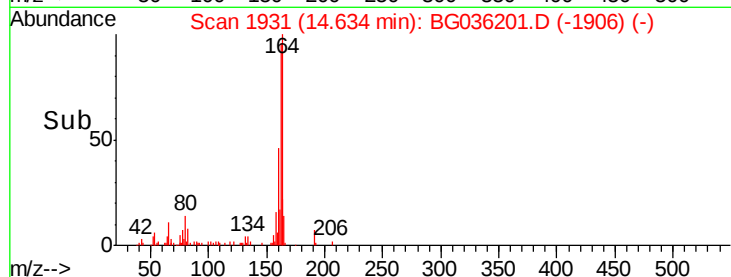
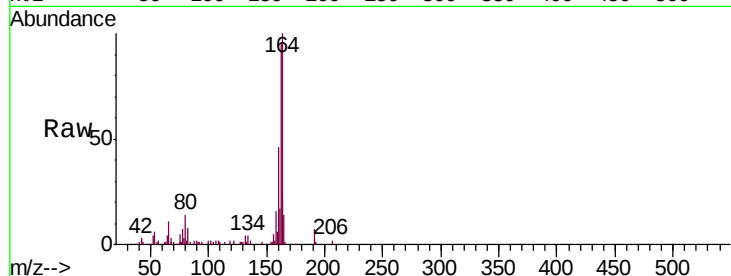
Ion Ratio Lower Upper

165 100

63 4.4 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: BG036201.D

Acq: 8 Aug 2018 17:14

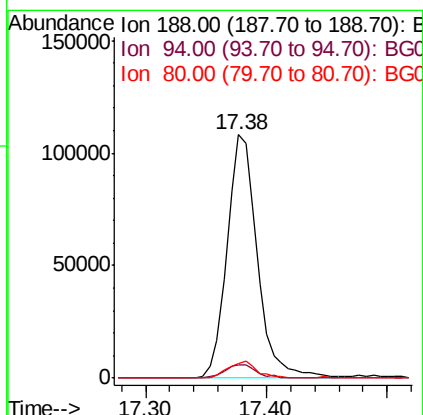
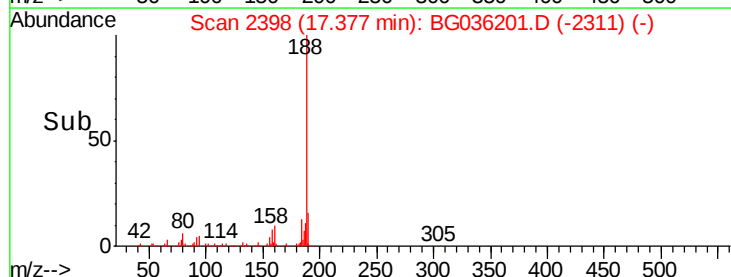
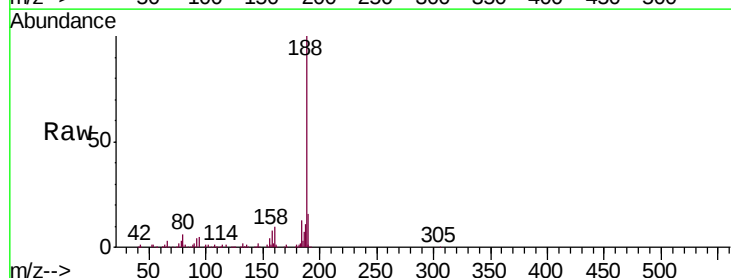
Tgt Ion:188 Resp: 188453

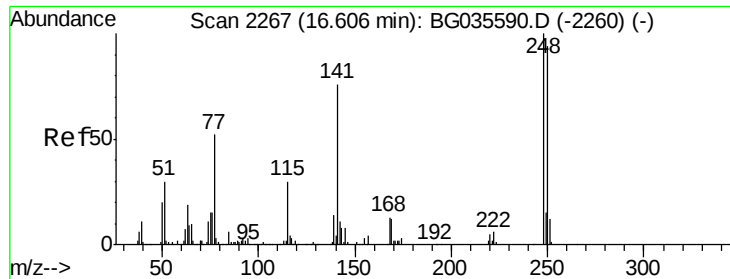
Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

80 5.9 7.7 11.5#

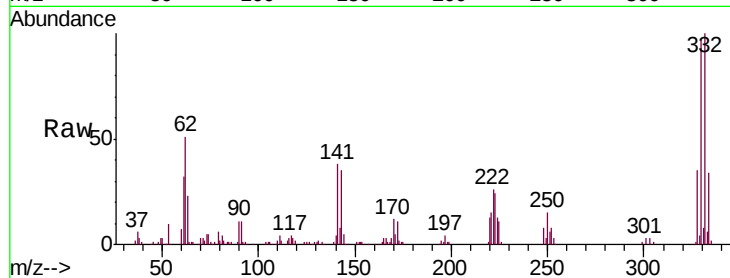




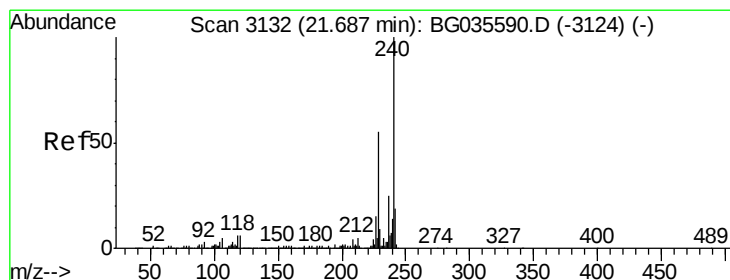
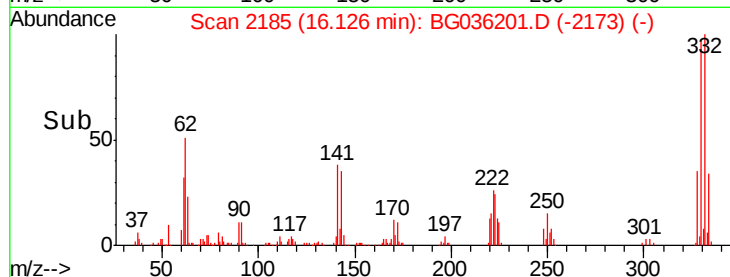
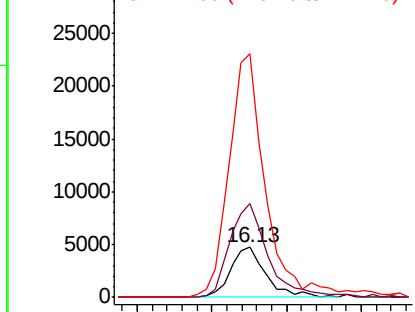
#66
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

Tgt Ion:248 Resp: 7860
Ion Ratio Lower Upper
248 100
250 187.4 77.1 115.7#
141 485.0 50.8 76.2#

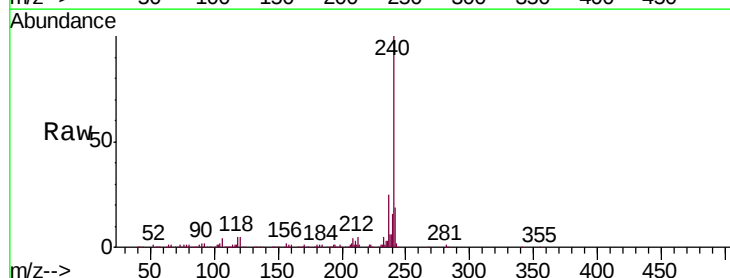


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

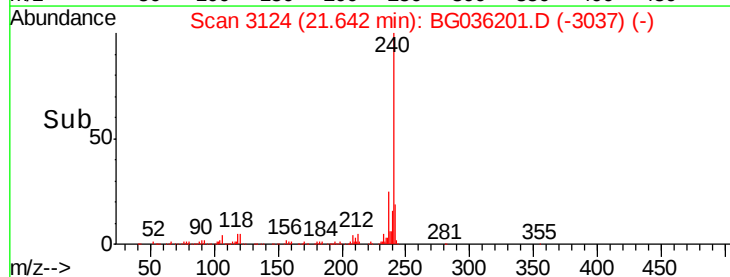
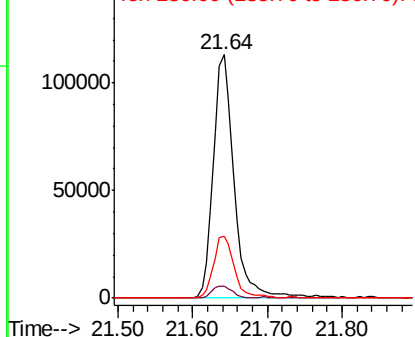


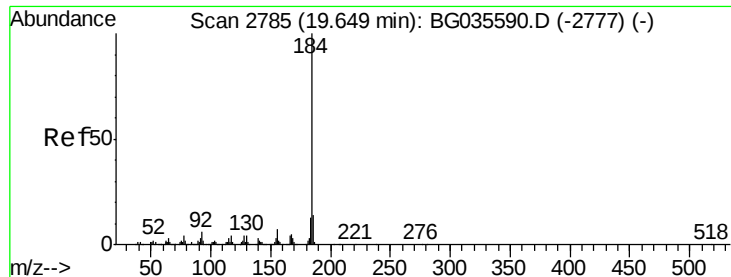
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036201.D
Acq: 8 Aug 2018 17:14

Tgt Ion:240 Resp: 219160
Ion Ratio Lower Upper
240 100
120 4.9 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: 3.146 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036201.D

Acq: 8 Aug 2018 17:14

Instrument :

BNA_G

ClientSampleId :

080118-TIPC-F-D-B

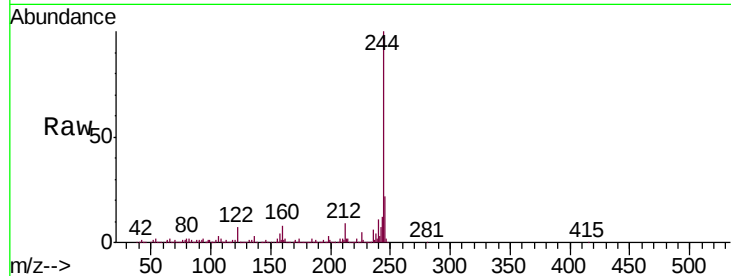
Tgt Ion:184 Resp: 18126

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

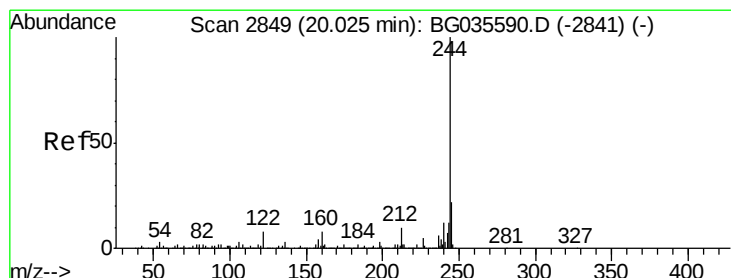
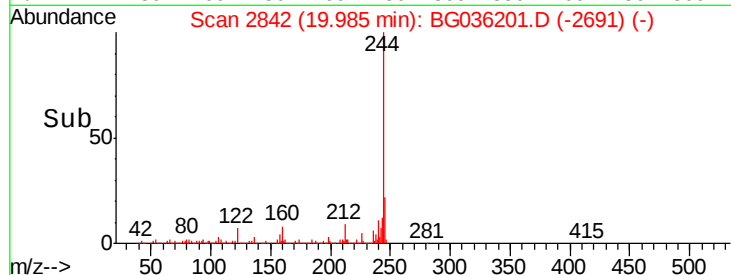
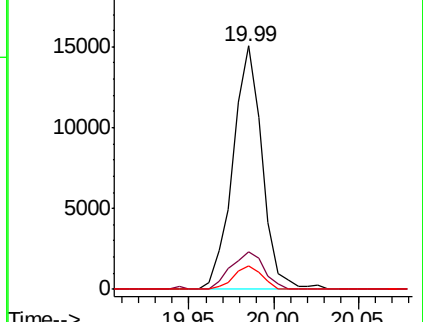
183 9.8 10.6 16.0#



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: 101.065 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036201.D

Acq: 8 Aug 2018 17:14

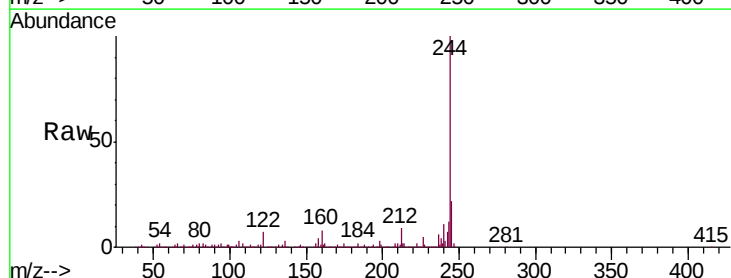
Tgt Ion:244 Resp: 1004824

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

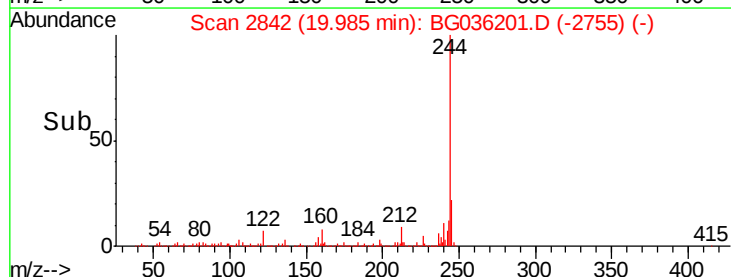
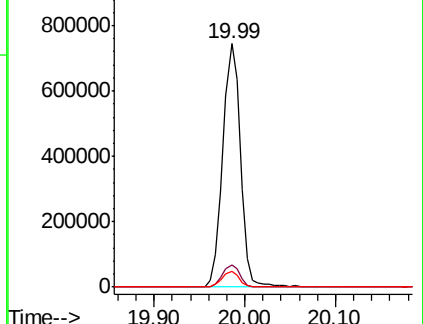
122 6.7 7.0 10.4#

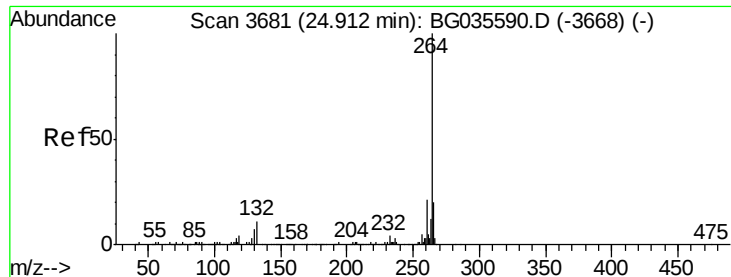


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036201.D
Acq: 8 Aug 2018 17:14

Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.8	17.7	26.5

