

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036228.D
 Acq On : 9 Aug 2018 11:45
 Operator : JU/SJ
 Sample : J4330-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-B

Quant Time: Aug 09 13:00:03 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

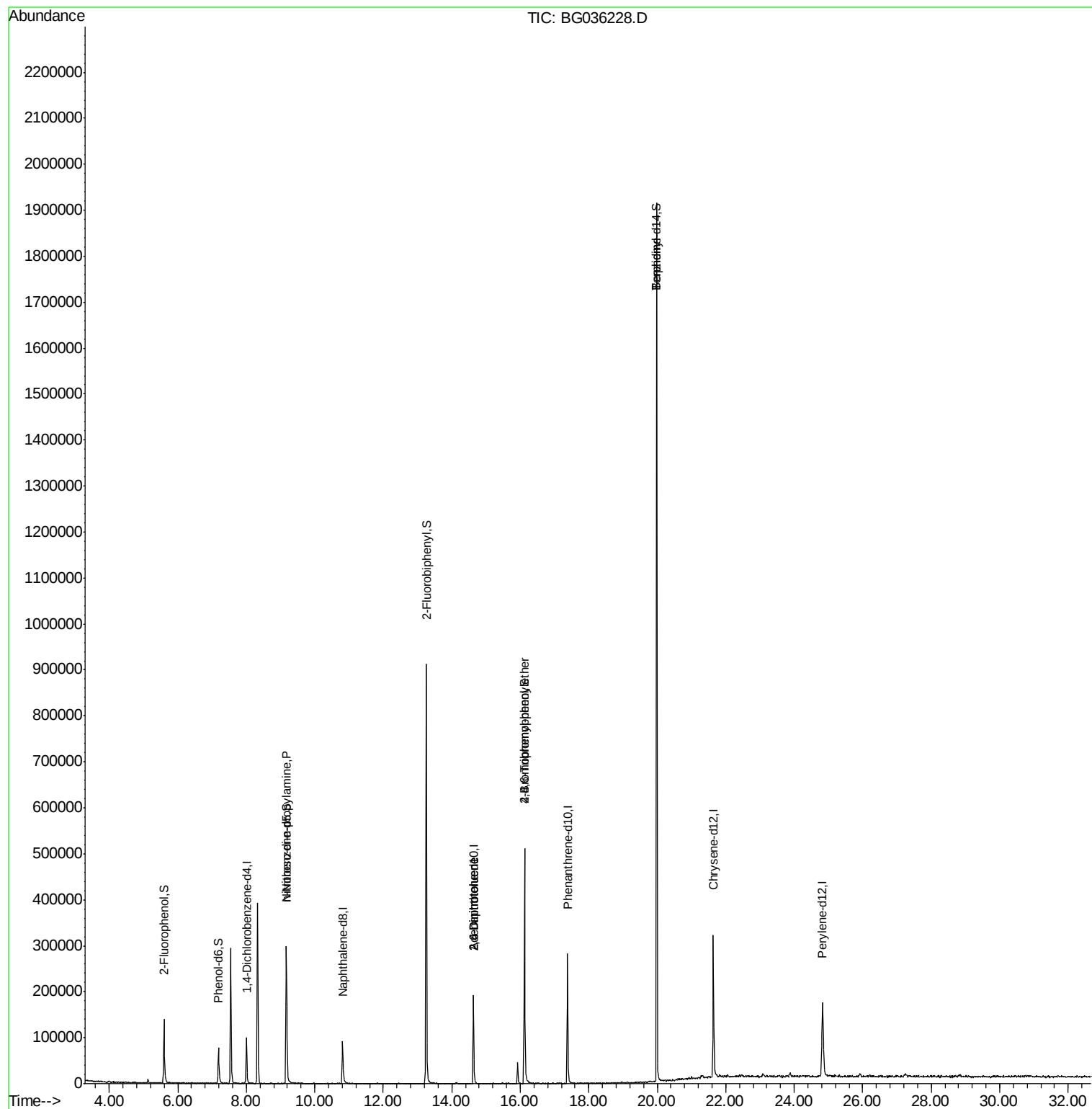
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27389	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	99123	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	73339	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	206039	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	215992	20.00	ng	-0.02
86) Perylene-d12	24.82	264	204418	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	71299	43.22	ng	0.00
7) Phenol-d6	7.18	99	58912	23.93	ng	-0.01
23) Nitrobenzene-d5	9.17	82	229988	96.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	106669	110.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	529238	96.68	ng	-0.02
78) Terphenyl-d14	19.98	244	931225	95.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	33015	15.929	ng	# 66
50) 2,6-Dinitrotoluene	14.64	165	9639	7.367	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	9639	5.135	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	9034	3.779	ng	# 1
76) Benzidine	19.98	184	16286	2.868	ng	# 83

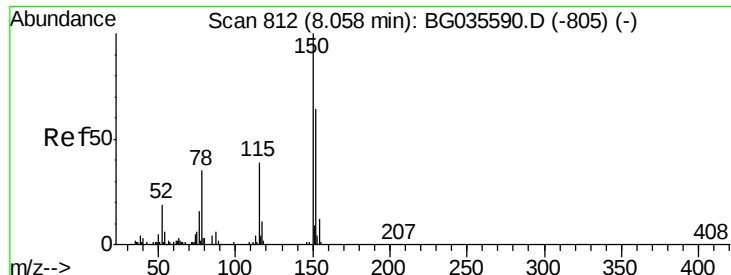
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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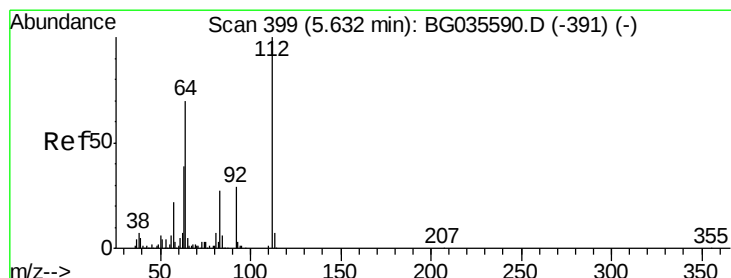
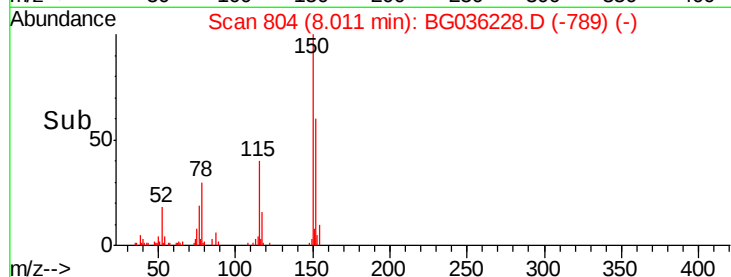
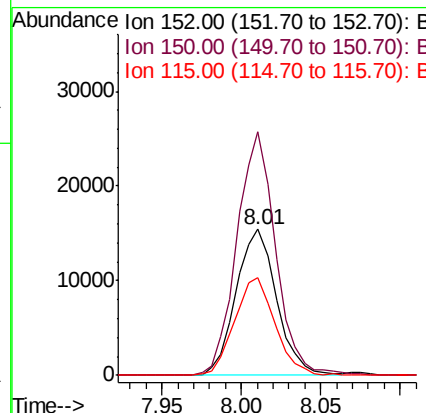
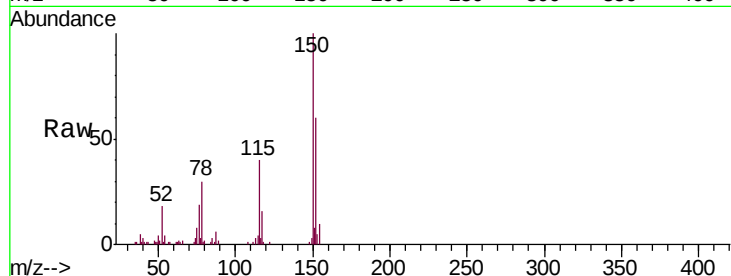


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-U-B

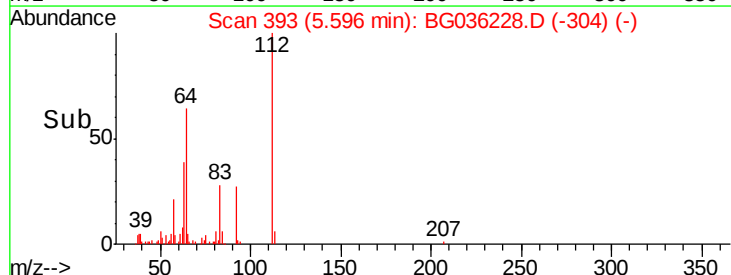
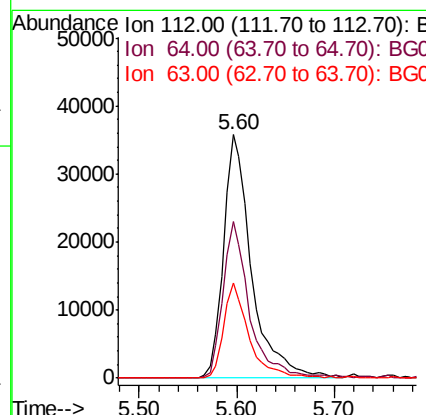
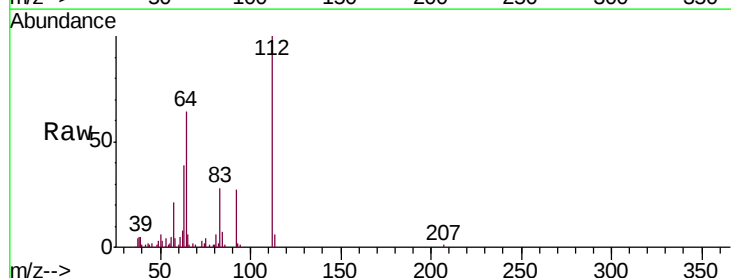
Tgt Ion:152 Resp: 27389
Ion Ratio Lower Upper
152 100
150 166.9 126.6 189.8
115 67.3 53.0 79.4

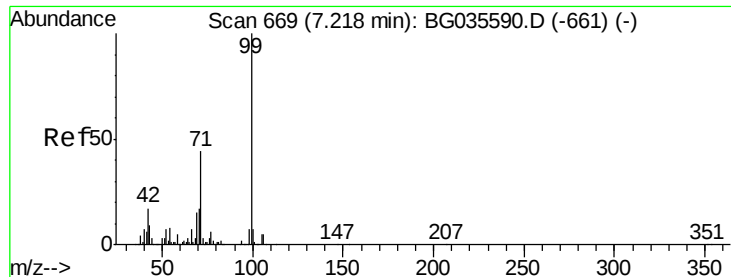


#5

2-Fluorophenol
Concen: 43.219 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

Tgt Ion:112 Resp: 71299
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 39.0 30.1 45.1





#7

Phenol-d6

Concen: 23.935 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-B

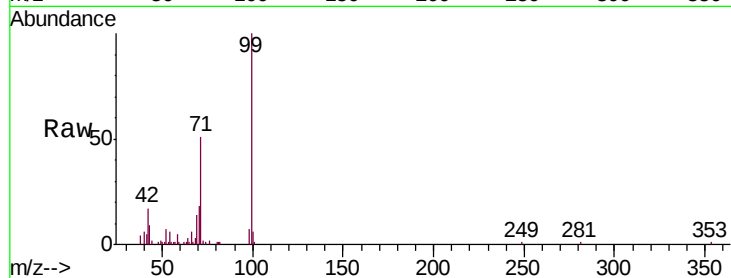
Tgt Ion: 99 Resp: 58912

Ion Ratio Lower Upper

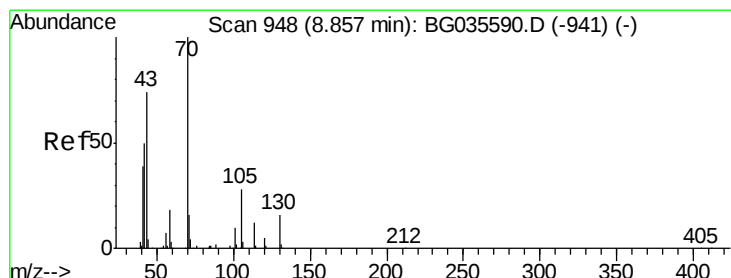
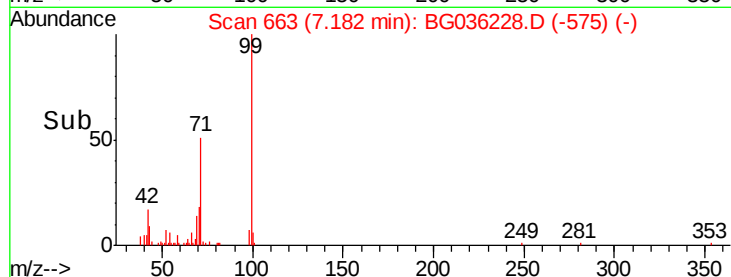
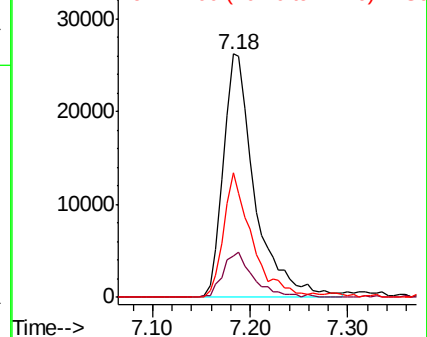
99 100

42 17.2 14.1 21.1

71 51.0 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: 15.929 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Tgt Ion: 70 Resp: 33015

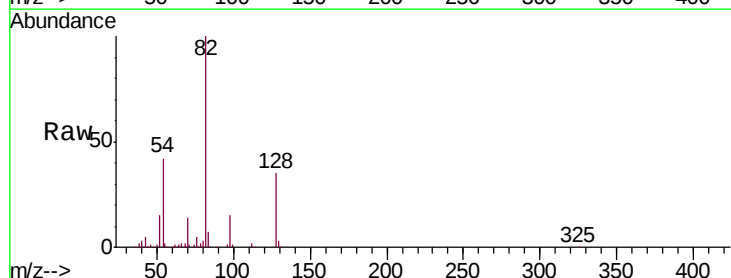
Ion Ratio Lower Upper

70 100

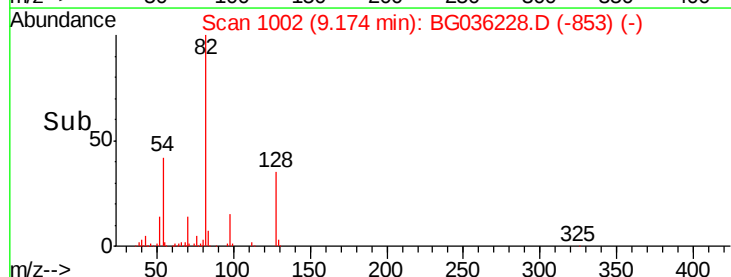
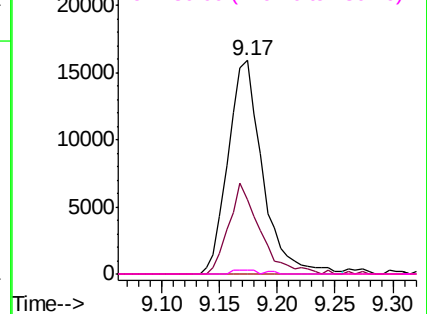
42 34.8 49.1 73.7#

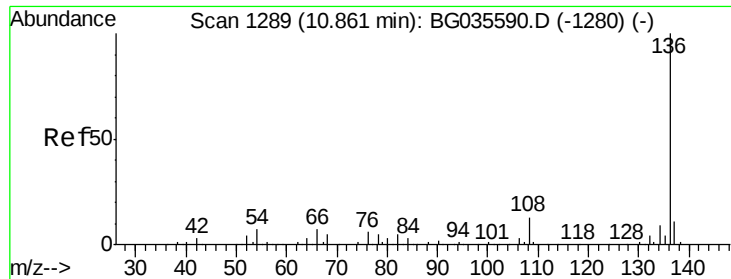
101 0.0 8.5 12.7#

130 2.0 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

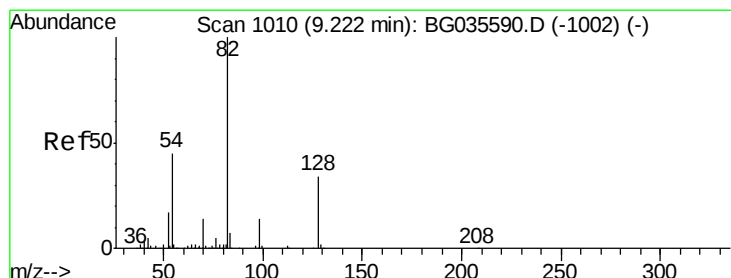
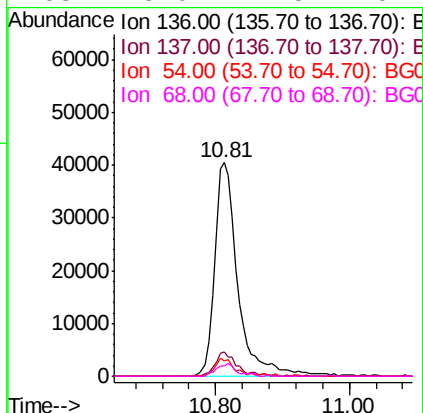
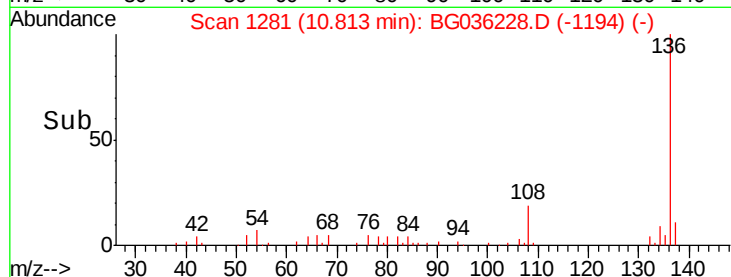
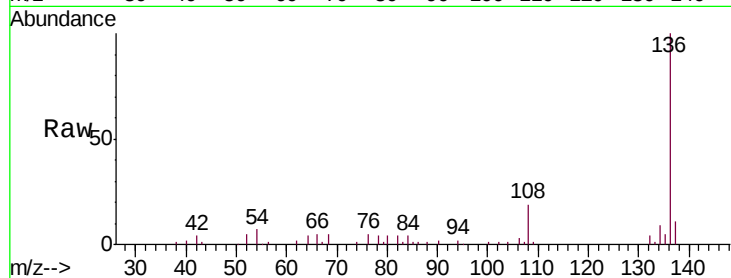




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

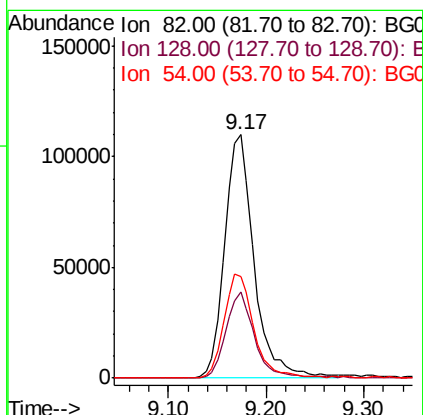
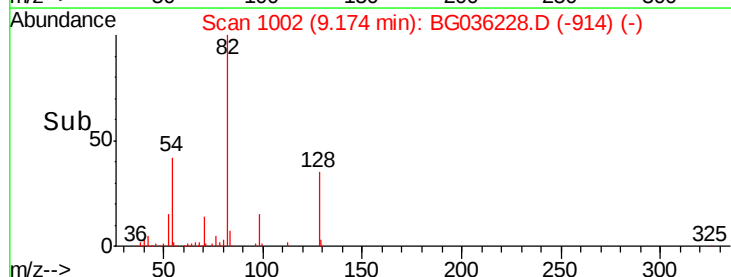
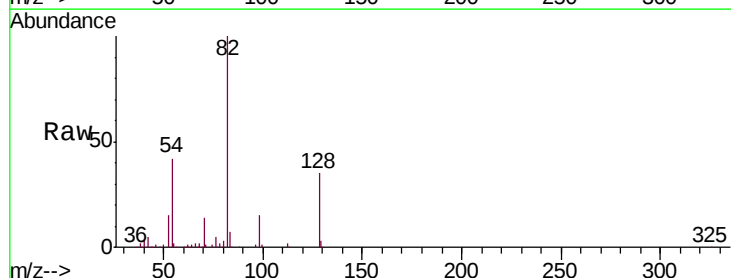
Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-U-B

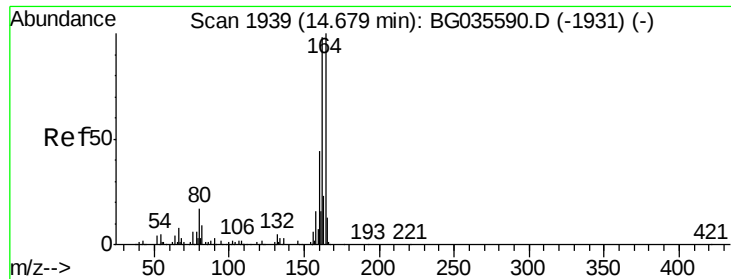
Tgt Ion:	136	Resp:	99123
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.3	10.3	15.5#
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 96.927 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

Tgt Ion:	82	Resp:	229988
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.7	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-B

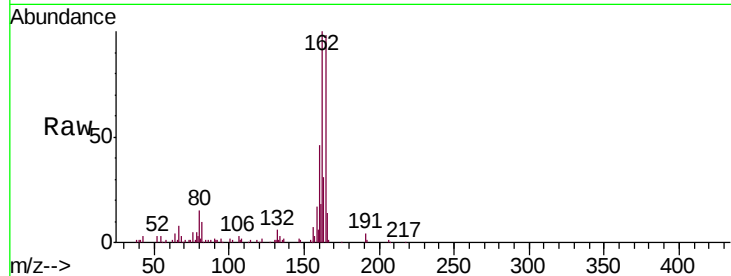
Tgt Ion:164 Resp: 73339

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

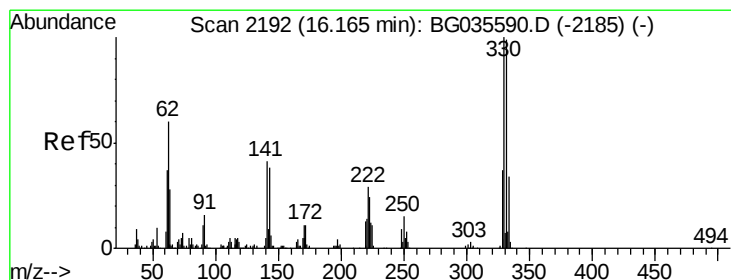
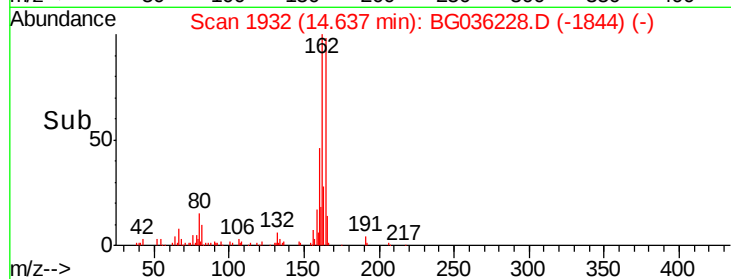
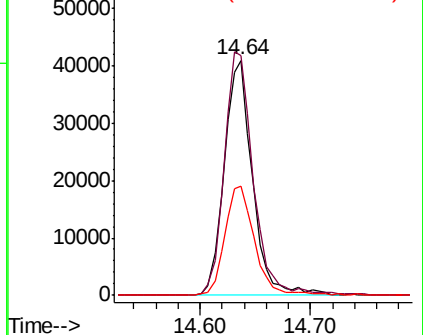
160 46.5 35.4 53.0



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: 110.349 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

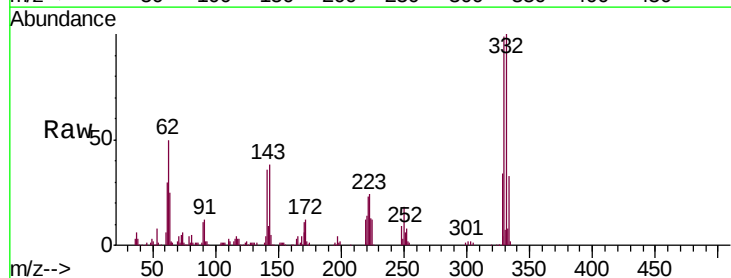
Tgt Ion:330 Resp: 106669

Ion Ratio Lower Upper

330 100

332 99.1 77.0 115.6

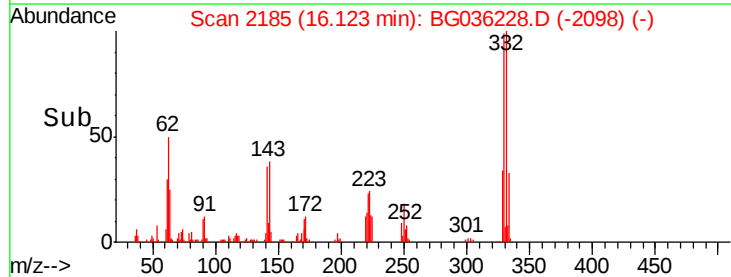
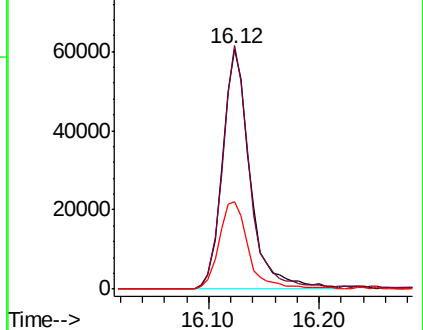
141 38.7 25.2 37.8#

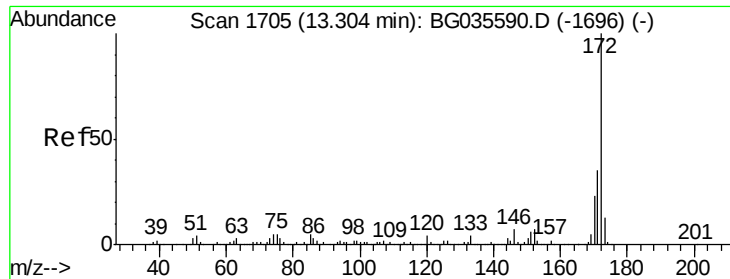


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

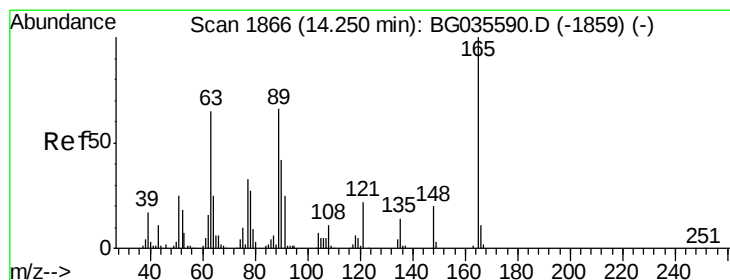
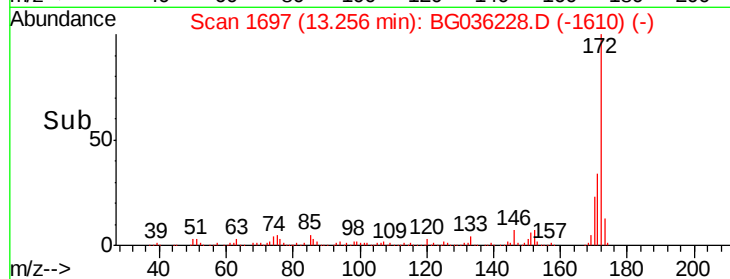
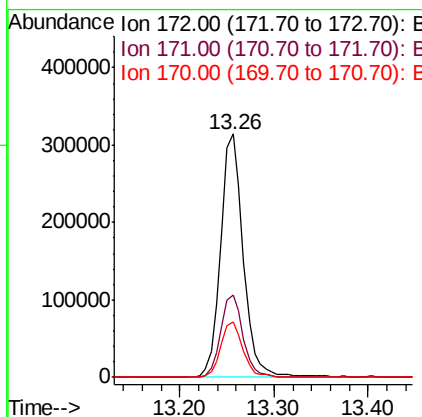
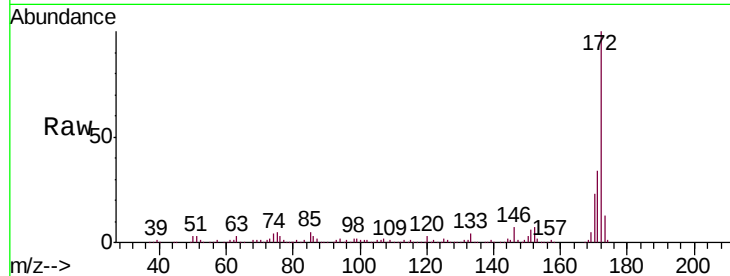




#44
 2-Fluorobiphenyl
 Concen: 96.680 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

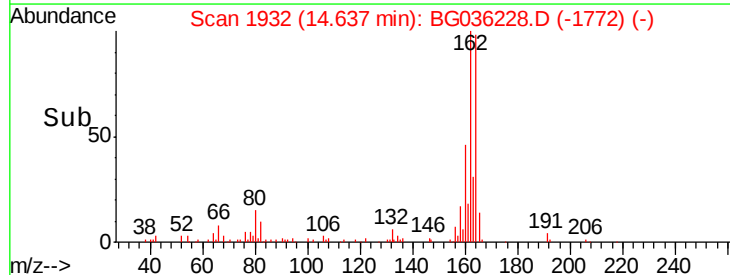
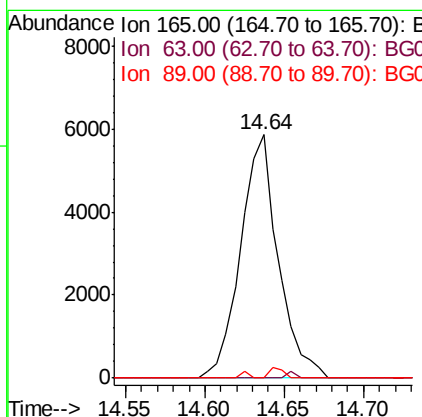
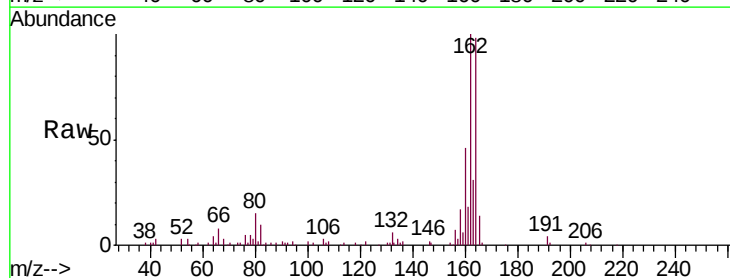
Instrument :
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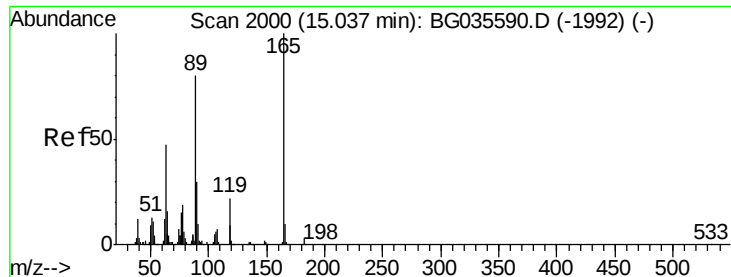
Tgt Ion:172 Resp: 529238
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 22.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.367 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion:165 Resp: 9639
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

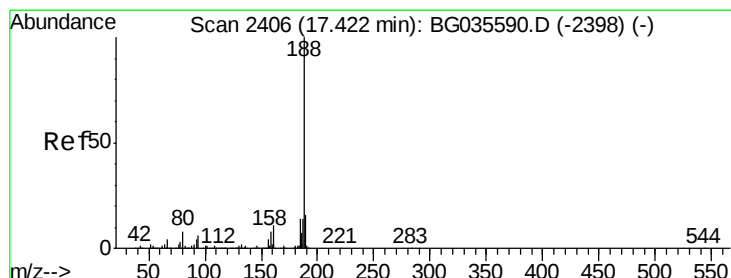
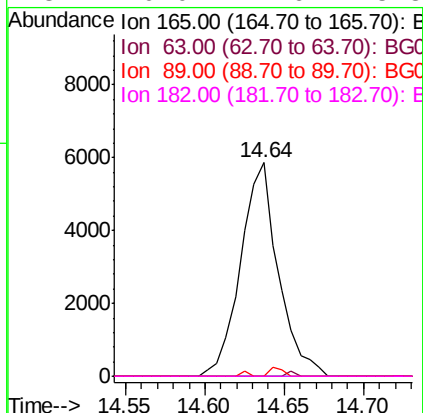
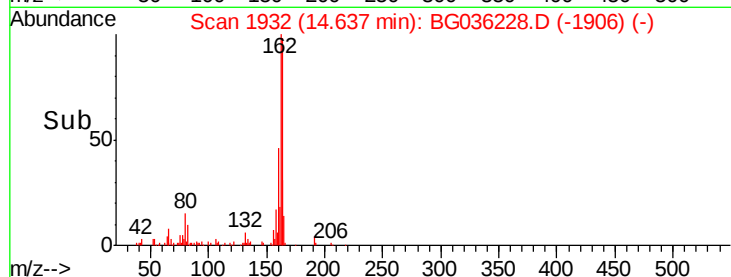
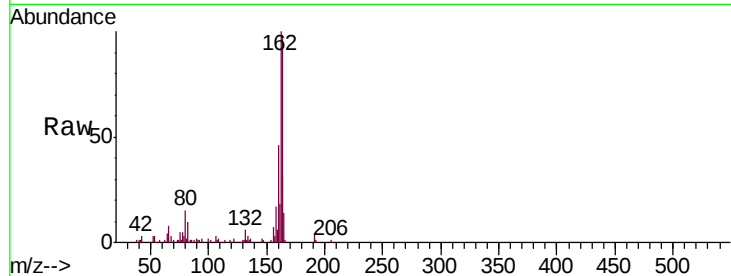




#56
 2,4-Dinitrotoluene
 Concen: 5.135 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

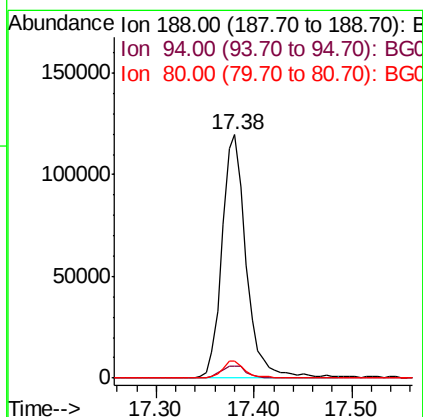
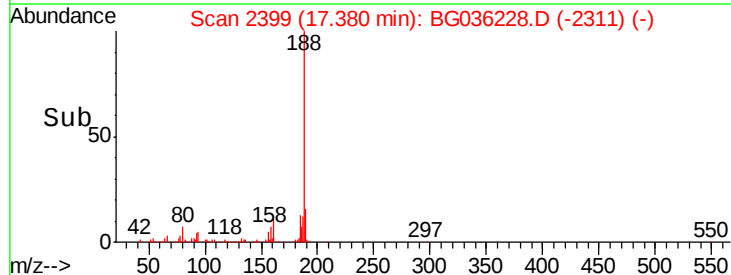
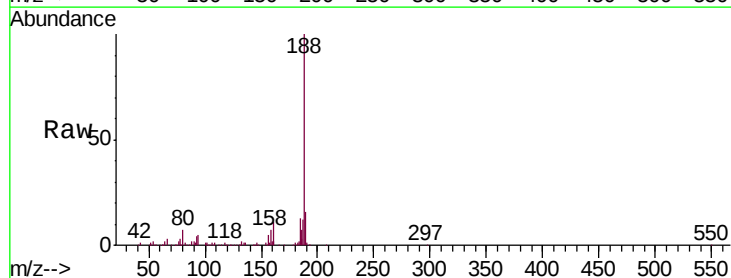
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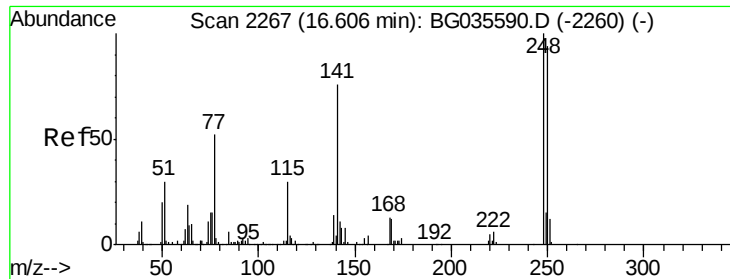
Tgt Ion:165 Resp: 9639
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion:188 Resp: 206039
 Ion Ratio Lower Upper
 188 100
 94 4.9 6.9 10.3#
 80 7.1 7.7 11.5#

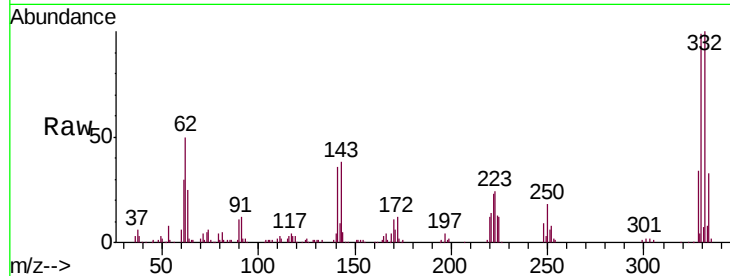




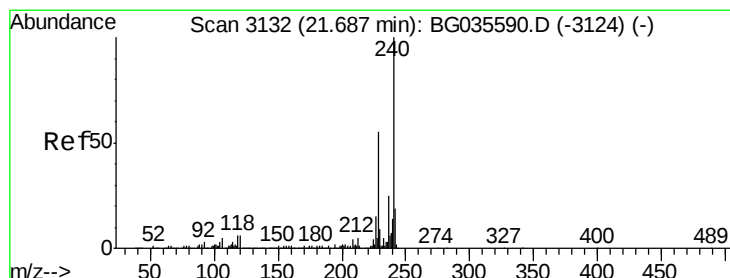
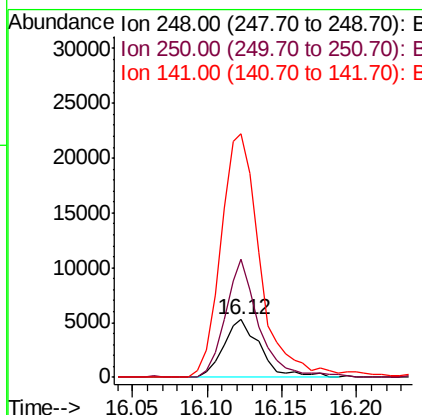
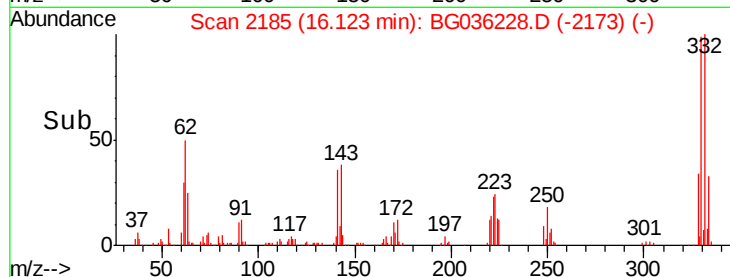
#66
 4-Bromophenyl-phenylether
 Concen: 3.779 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-B

Tgt Ion:248 Resp: 9034
 Ion Ratio Lower Upper
 248 100
 250 205.7 77.1 115.7#
 141 422.6 50.8 76.2#

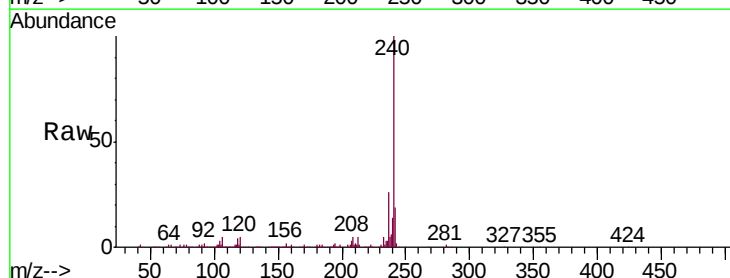


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

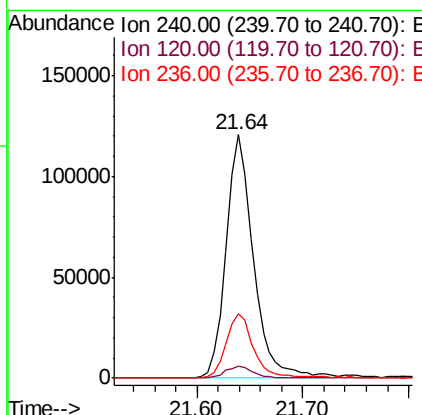
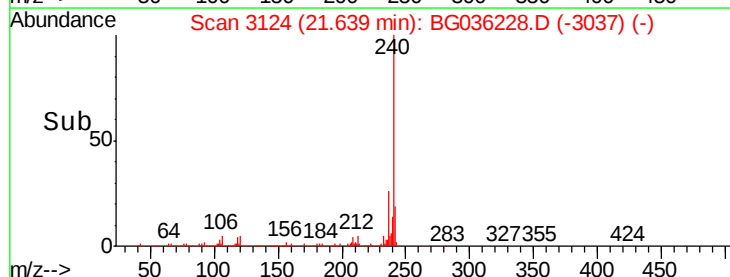


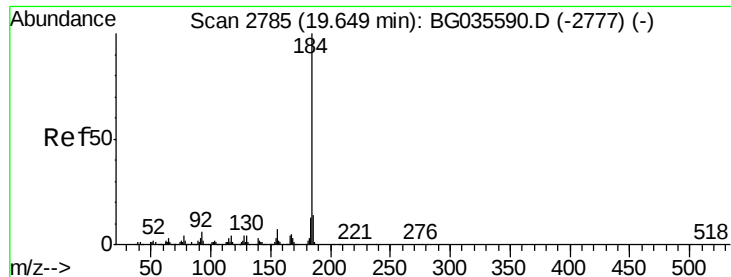
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion:240 Resp: 215992
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.8 10.2#
 236 26.4 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: 2.868 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-B

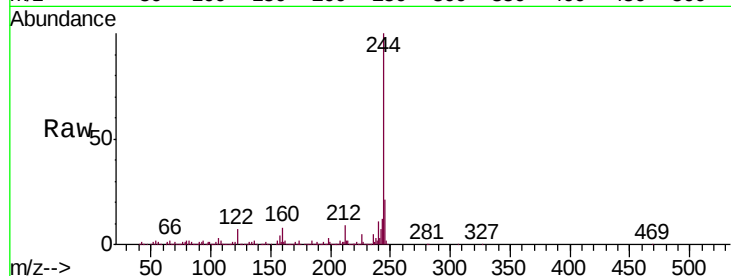
Tgt Ion:184 Resp: 16286

Ion Ratio Lower Upper

184 100

185 20.6 11.1 16.7#

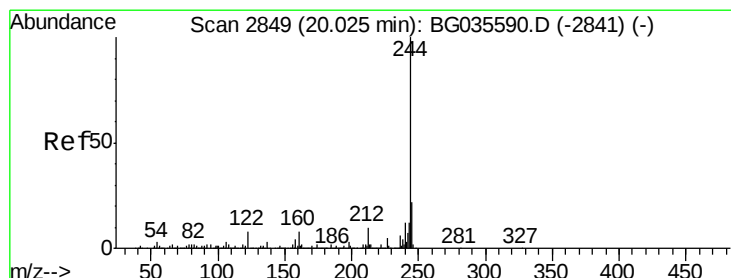
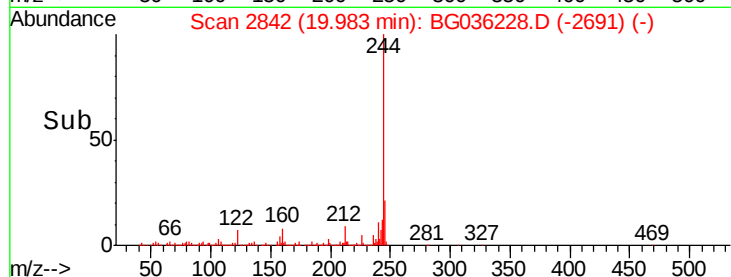
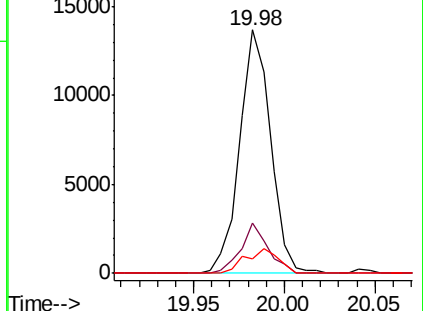
183 5.9 10.6 16.0#



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: 95.036 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

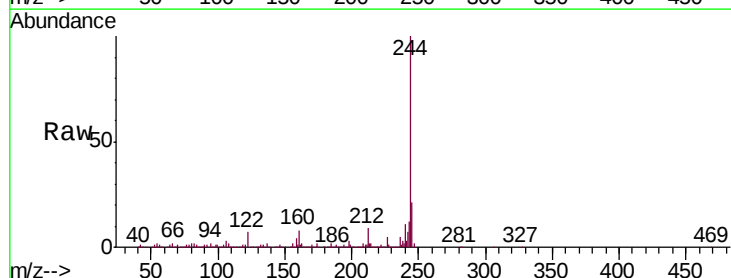
Tgt Ion:244 Resp: 931225

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

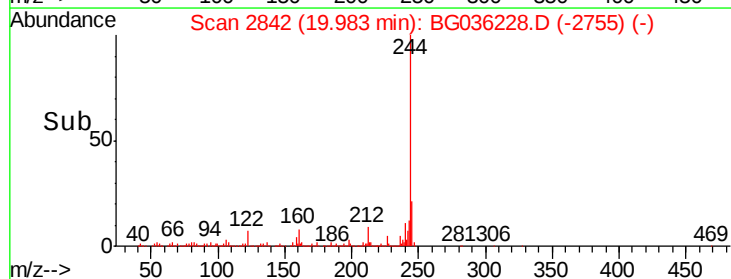
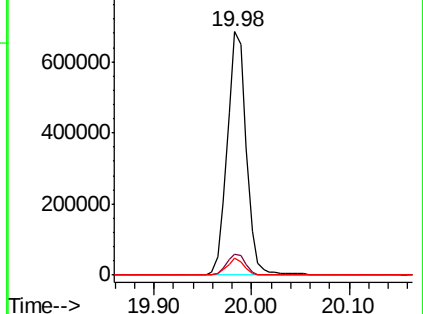
122 6.8 7.0 10.4#

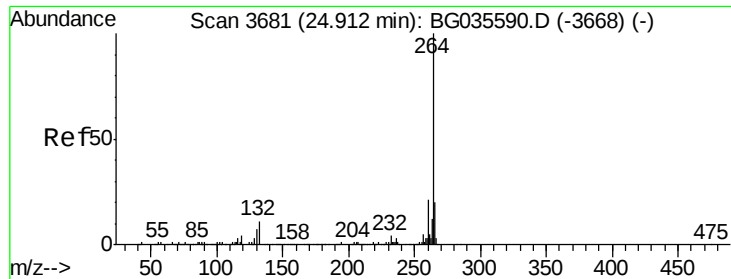


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036228.D
Acq: 9 Aug 2018 11:45

Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	17.4	26.0#
265	22.4	17.7	26.5

