

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036770.D
 Acq On : 18 Sep 2018 2:44
 Operator : JU/SJ
 Sample : J4773-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-C

Quant Time: Sep 18 07:11:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

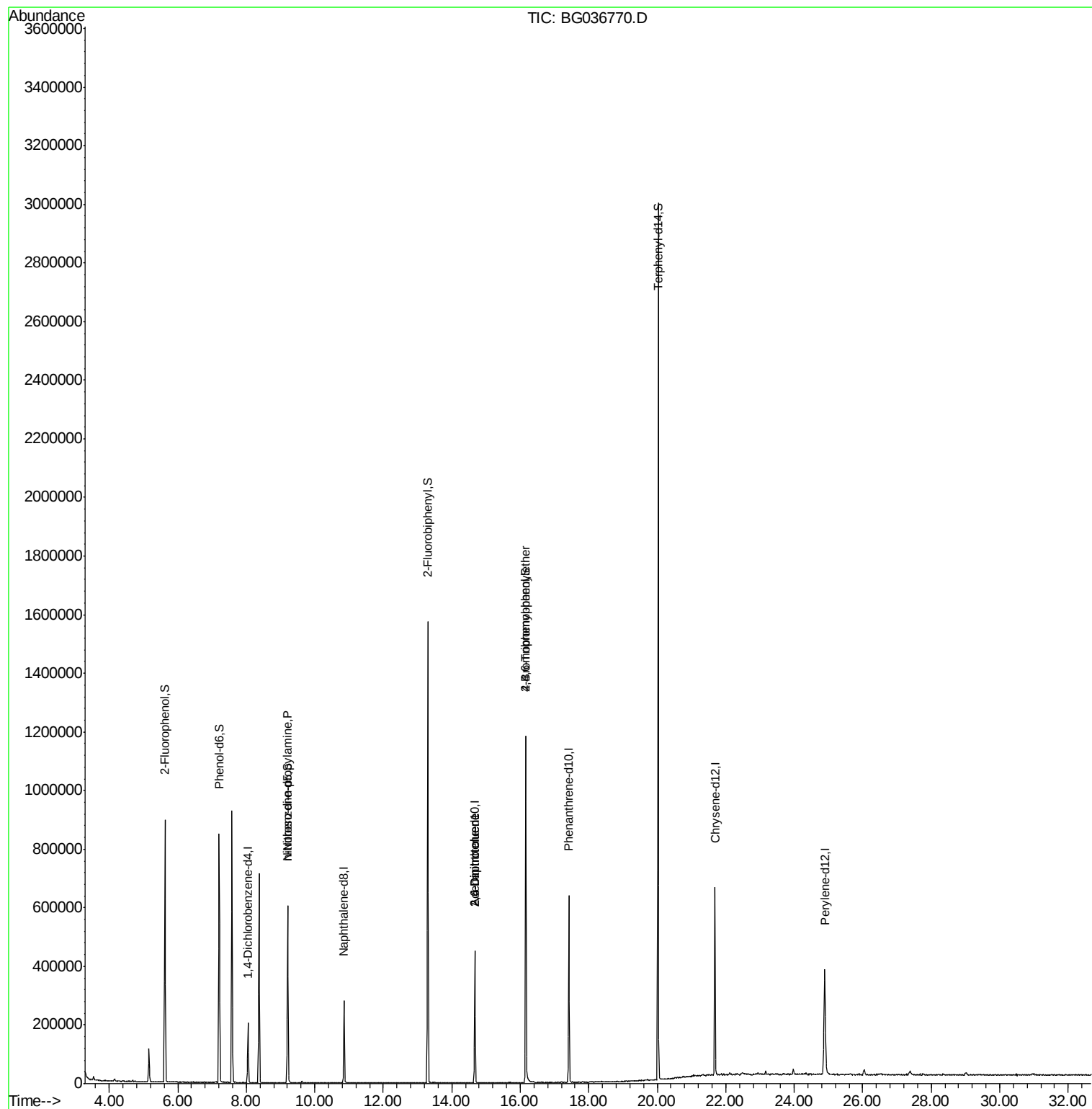
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57943	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	238870	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	154173	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	390987	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	402585	20.00	ng	-0.01
86) Perylene-d12	24.89	264	399914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375016	102.67	ng	0.00
7) Phenol-d6	7.21	99	480228	91.83	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365424	83.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	226171	122.94	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	820012	75.94	ng	-0.01
78) Terphenyl-d14	20.03	244	1392124	80.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49559	12.680	ng	# 74
50) 2,6-Dinitrotoluene	14.67	165	20041	7.736	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	20041	5.936	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16060	3.508	ng	# 1

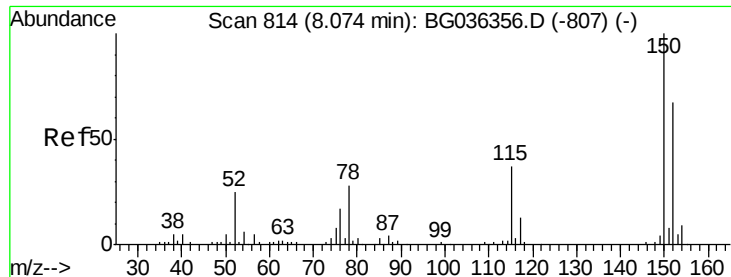
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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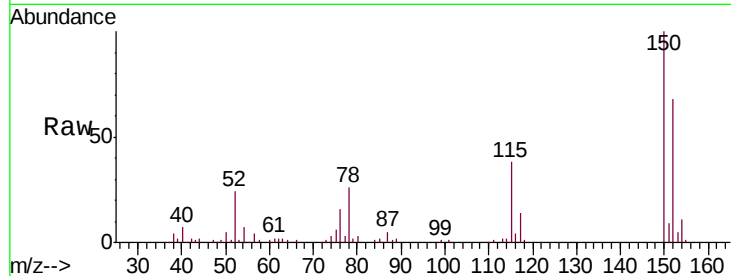




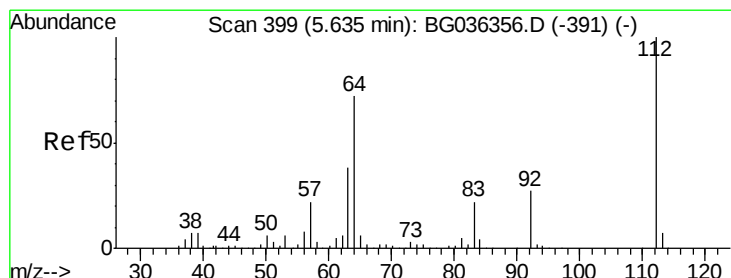
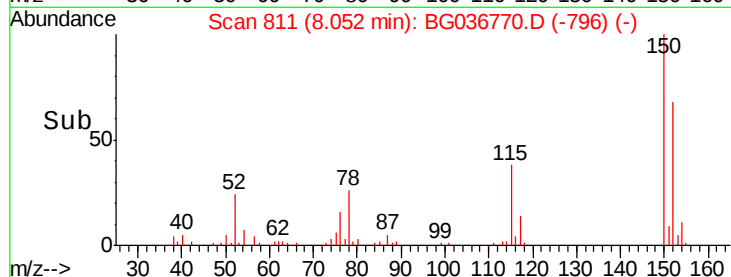
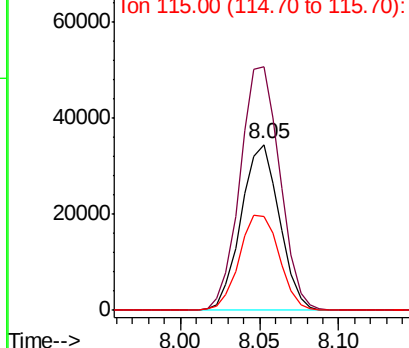
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-C

Tgt Ion:152 Resp: 57943
 Ion Ratio Lower Upper
 152 100
 150 147.1 119.5 179.3
 115 56.4 44.5 66.7

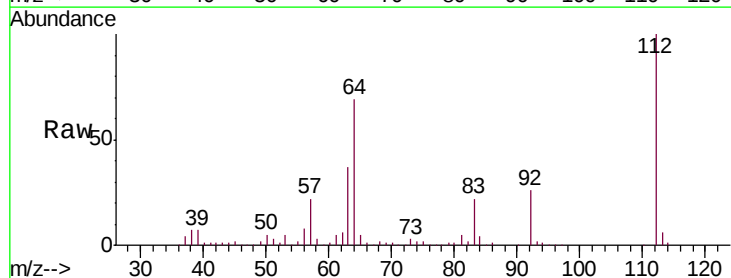


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

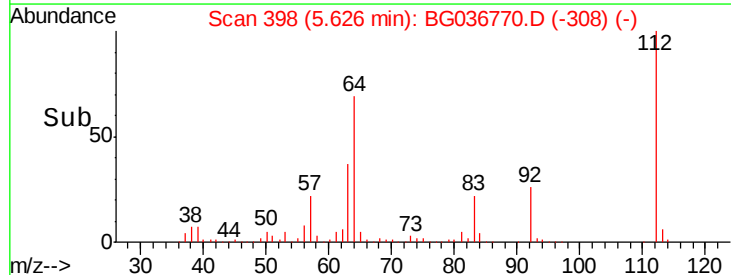
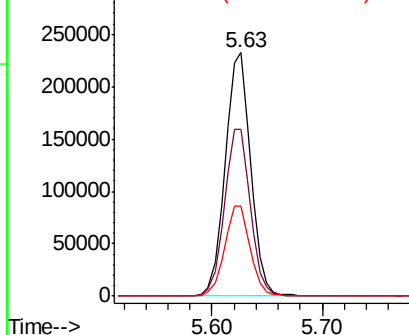


#5
 2-Fluorophenol
 Concen: 102.667 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

Tgt Ion:112 Resp: 375016
 Ion Ratio Lower Upper
 112 100
 64 68.7 57.2 85.8
 63 37.2 30.8 46.2



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: 91.825 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036770.D

Acq: 18 Sep 2018 2:44

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-C

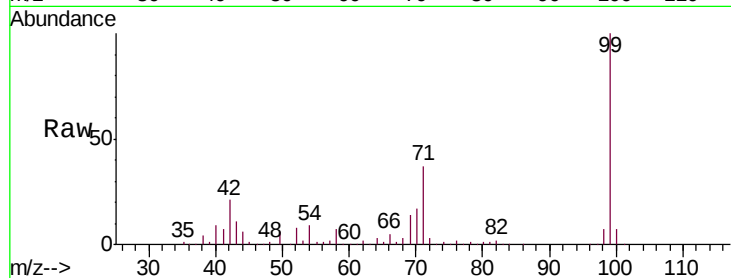
Tgt Ion: 99 Resp: 480228

Ion Ratio Lower Upper

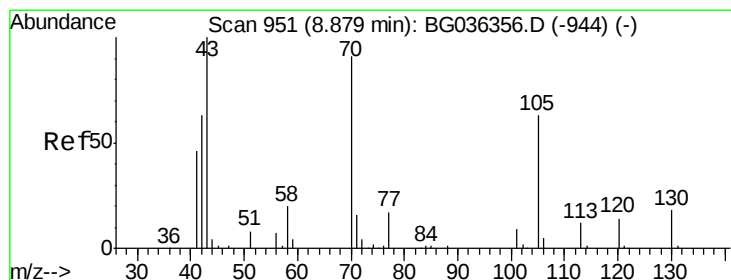
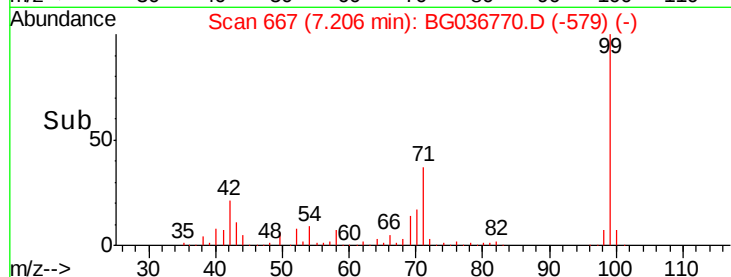
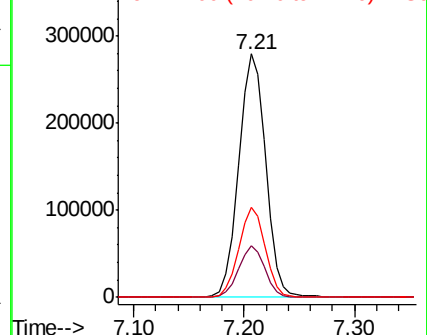
99 100

42 21.0 16.5 24.7

71 36.9 29.4 44.2



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: 12.680 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036770.D

Acq: 18 Sep 2018 2:44

Tgt Ion: 70 Resp: 49559

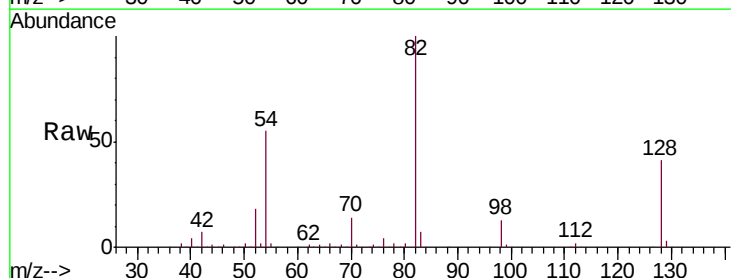
Ion Ratio Lower Upper

70 100

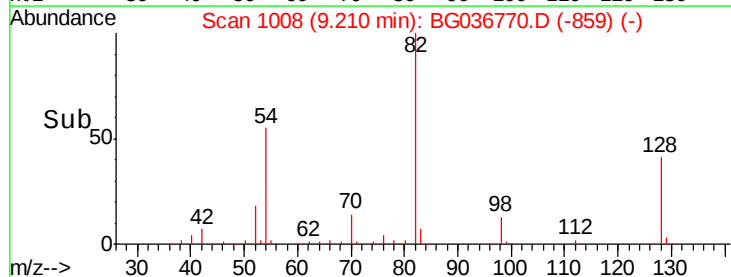
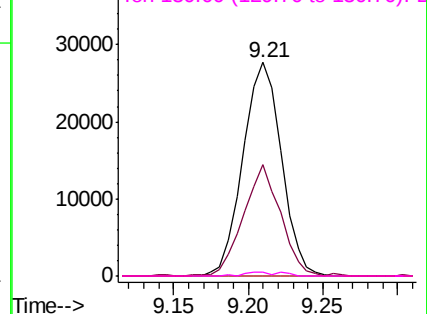
42 52.4 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#



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

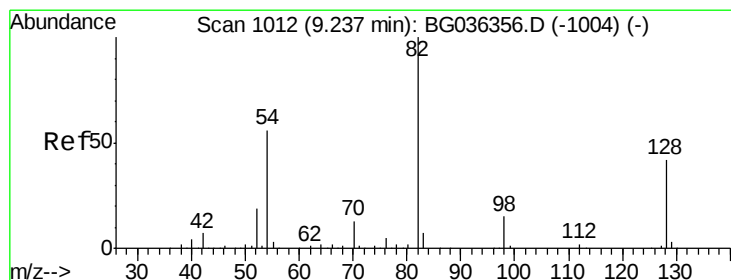
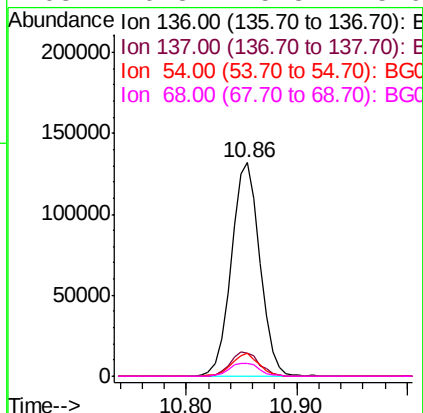
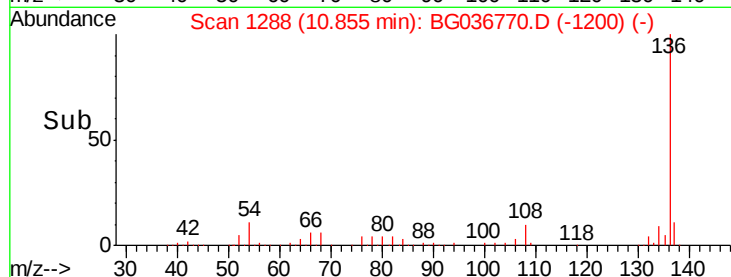
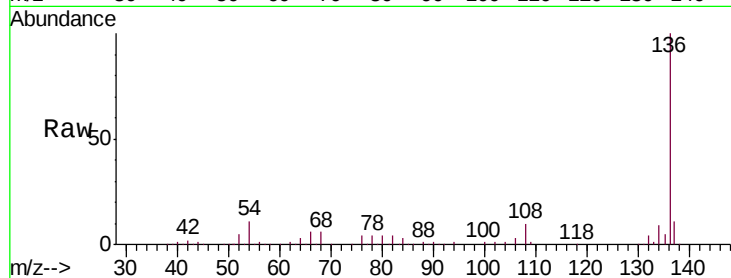




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

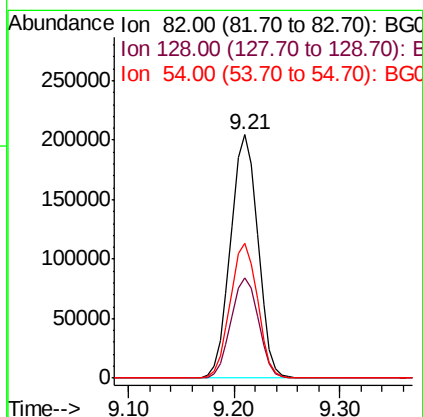
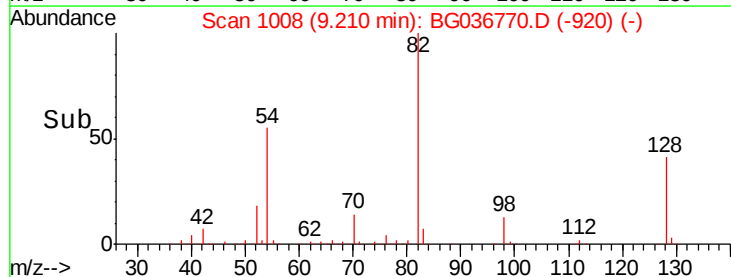
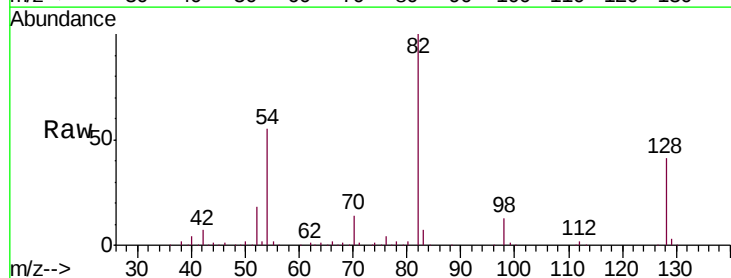
Instrument :
BNA_G
ClientSampleId :
CL-01-091418-C

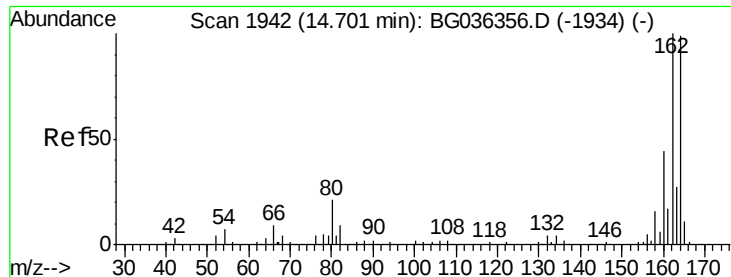
Tgt Ion:	136	Resp:	238870
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.6	9.2	13.8
68	6.3	5.8	8.6



#23
Nitrobenzene-d5
Concen: 83.002 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

Tgt Ion:	82	Resp:	365424
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	55.4	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036770.D

Acq: 18 Sep 2018 2:44

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-C

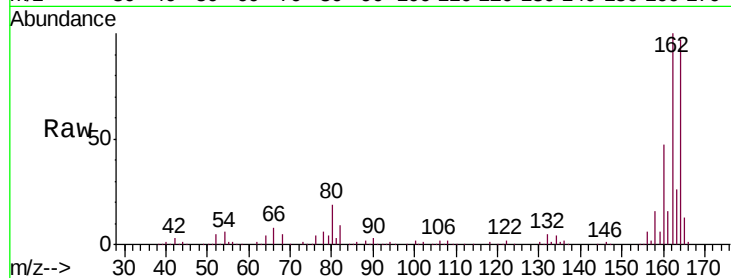
Tgt Ion:164 Resp: 154173

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

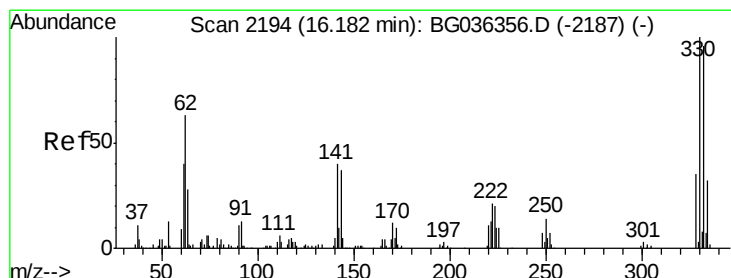
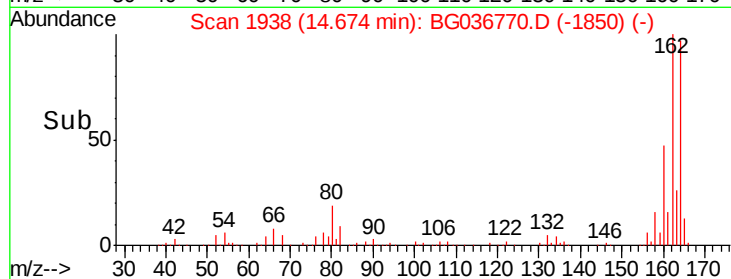
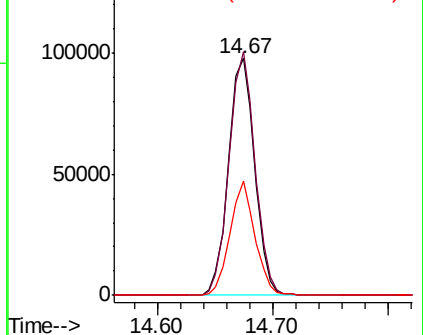
160 48.4 35.3 52.9



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: 122.944 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036770.D

Acq: 18 Sep 2018 2:44

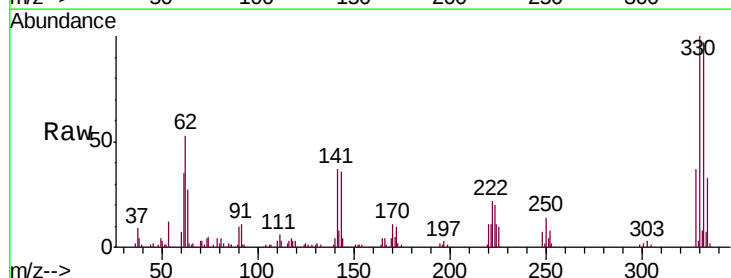
Tgt Ion:330 Resp: 226171

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.2

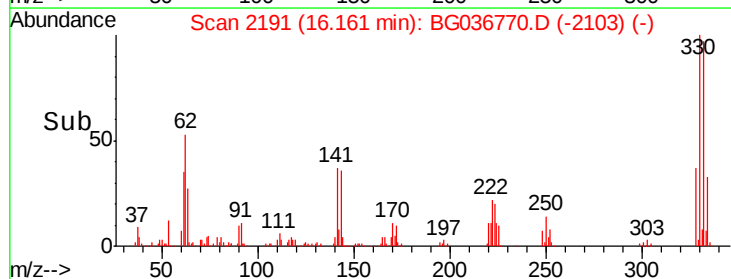
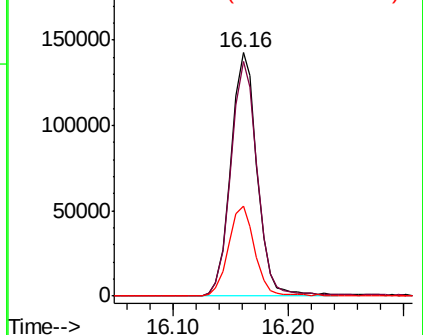
141 37.0 30.7 46.1

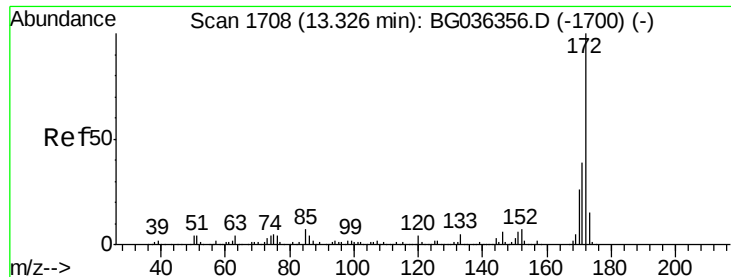


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

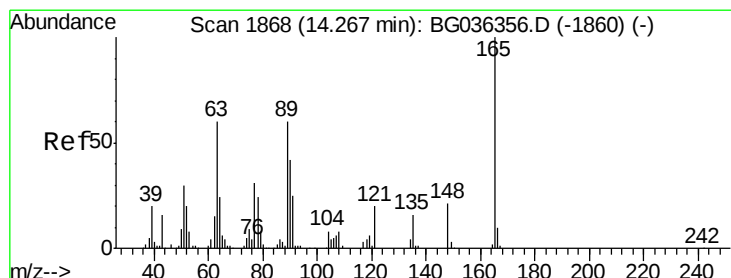
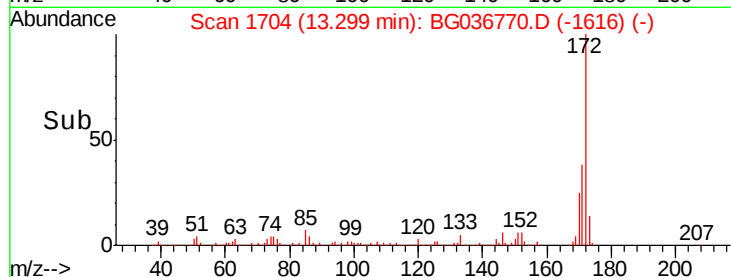
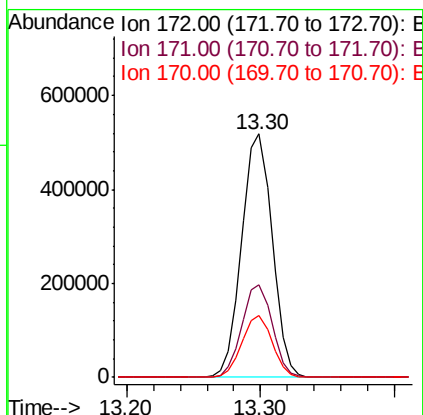
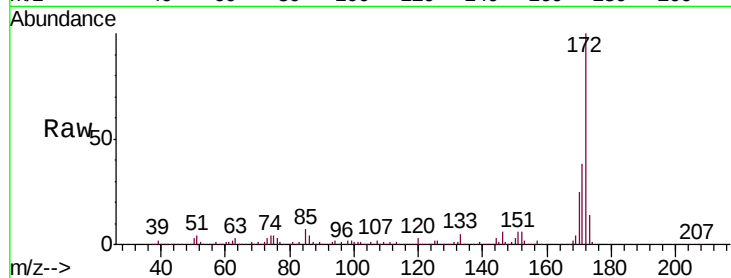




#44
 2-Fluorobiphenyl
 Concen: 75.943 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

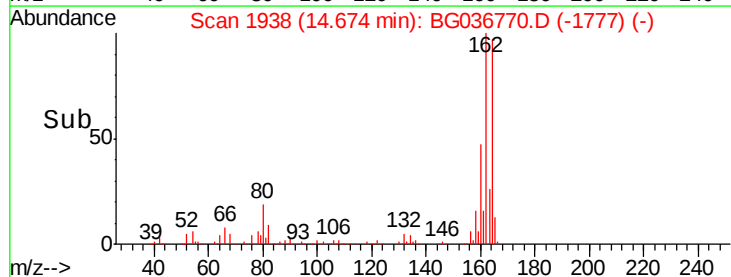
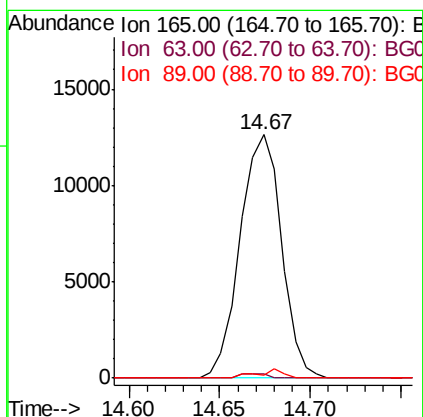
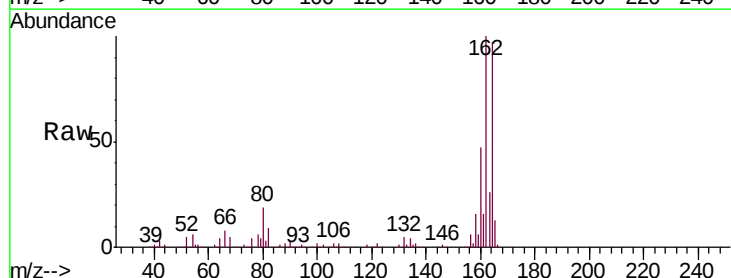
Instrument :
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 CL-01-091418-C

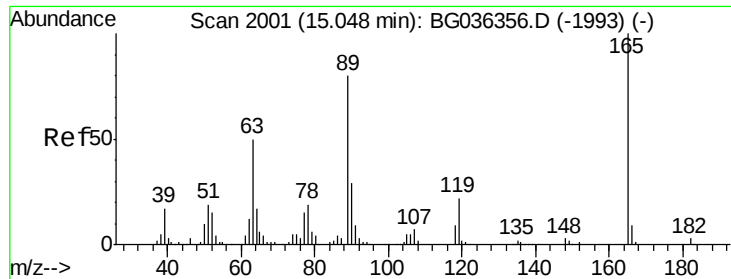
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.3	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.736 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	1.2	47.8	71.6#

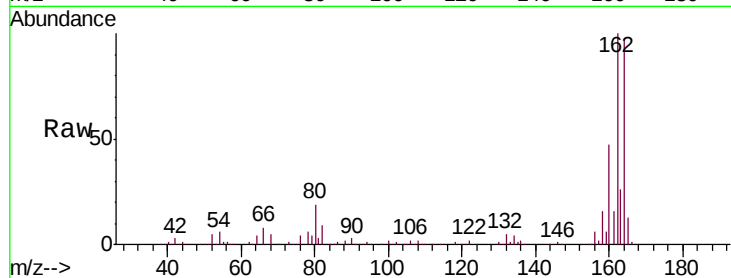




#56
2,4-Dinitrotoluene
Concen: 5.936 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

Instrument :
BNA_G
ClientSampleId :
CL-01-091418-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	1.2	63.7	95.5#
182	0.0	2.5	3.7#



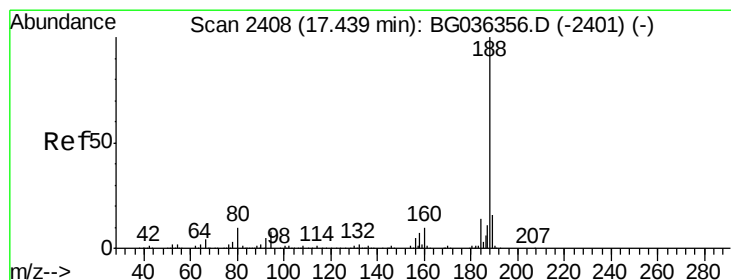
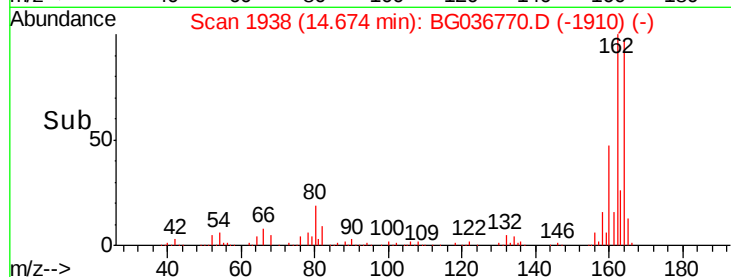
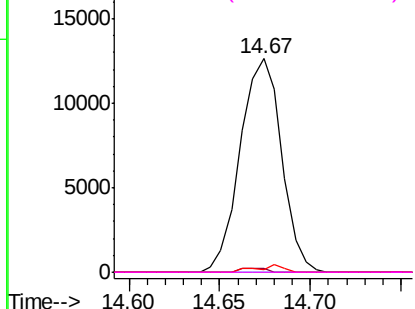
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

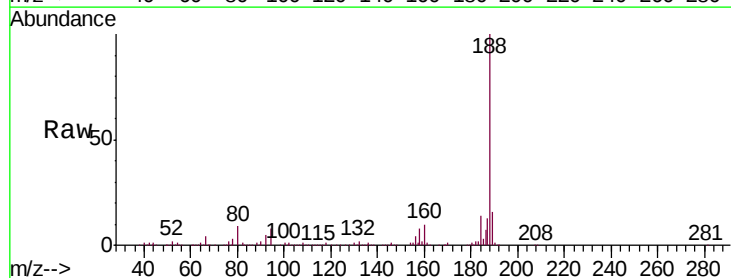
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.1	8.1	12.1

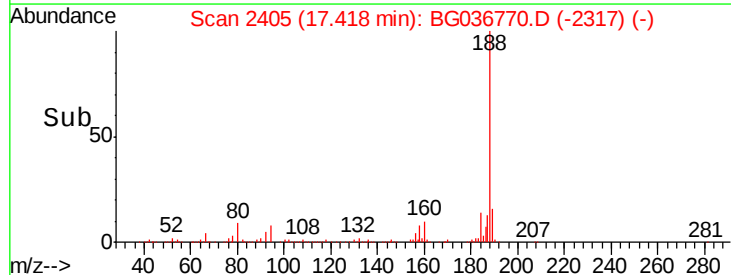
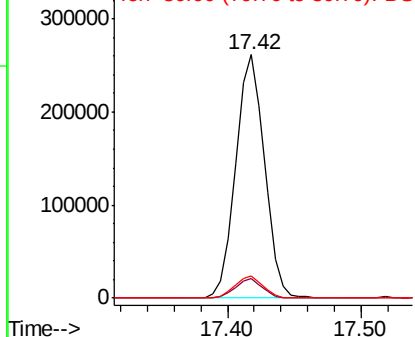


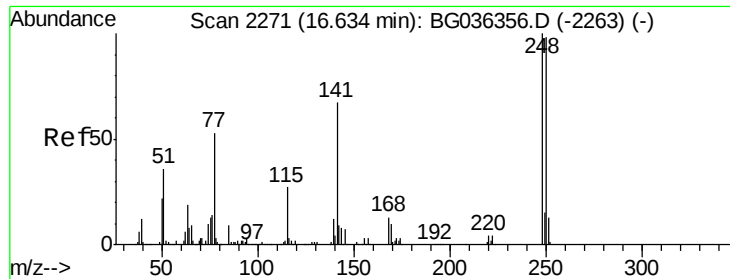
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

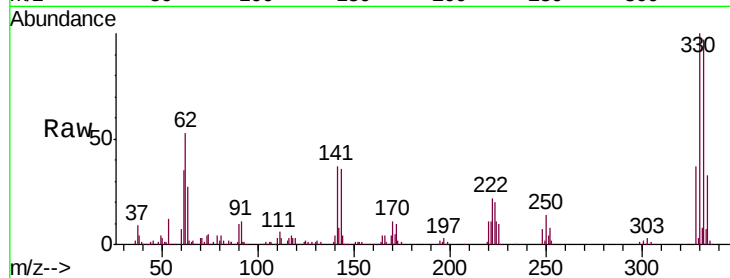




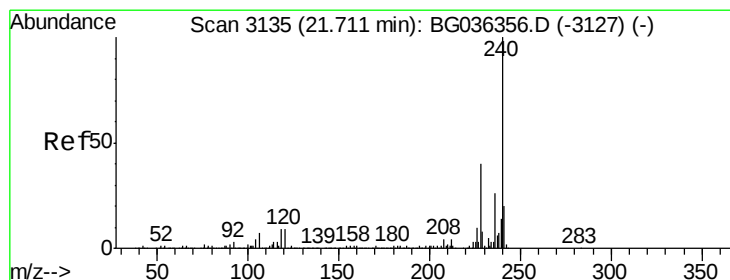
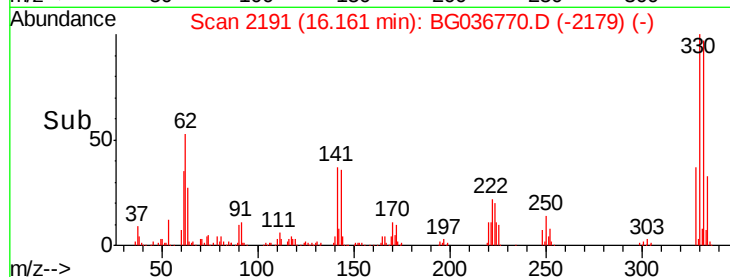
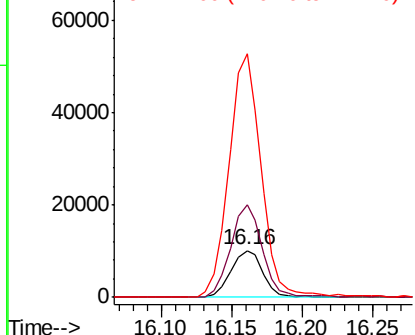
#66
4-Bromophenyl-phenylether
Concen: 3.508 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

Instrument :
BNA_G
ClientSampleId :
CL-01-091418-C

Tgt Ion:248 Resp: 16060
Ion Ratio Lower Upper
248 100
250 197.8 78.1 117.1#
141 519.1 53.7 80.5#

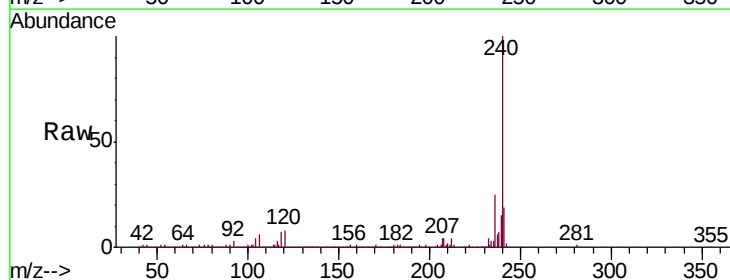


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

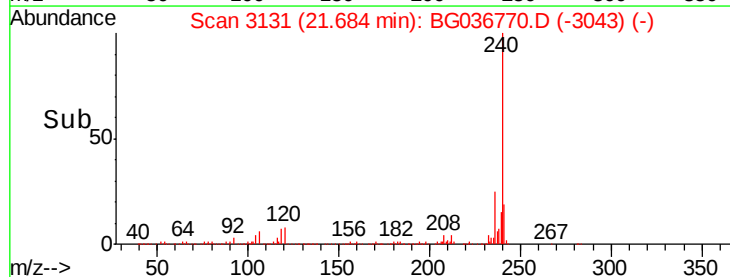
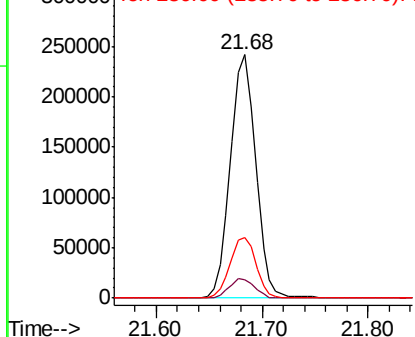


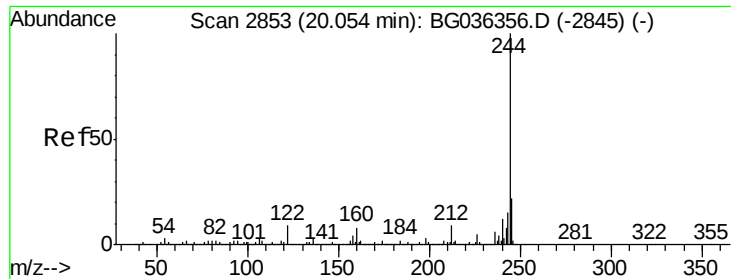
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036770.D
Acq: 18 Sep 2018 2:44

Tgt Ion:240 Resp: 402585
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.0 21.2 31.8



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

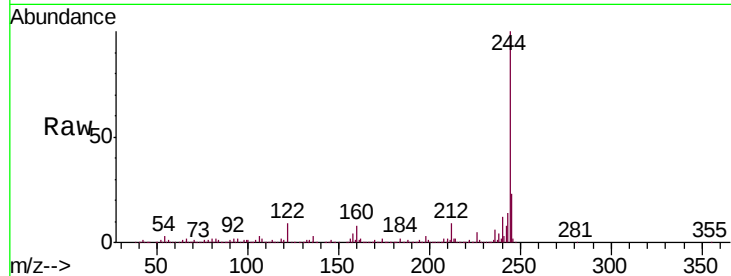




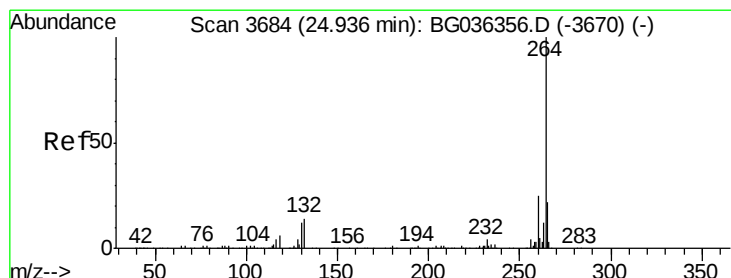
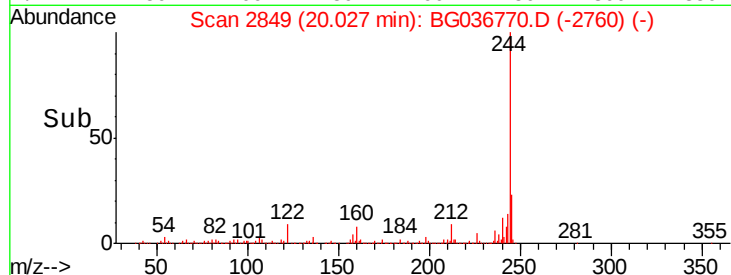
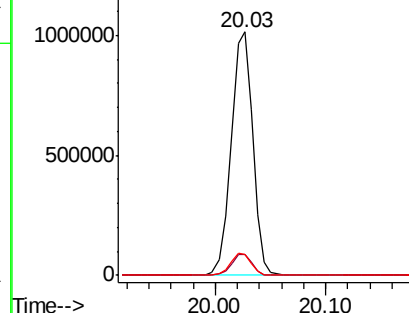
#78
 Terphenyl-d14
 Concen: 80.824 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-C

Tgt Ion:244 Resp: 1392124
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 8.6 7.1 10.7

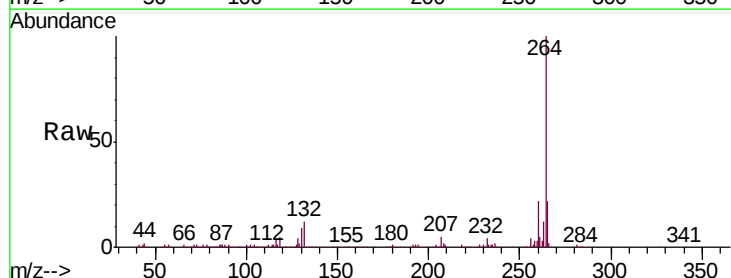


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036770.D
 Acq: 18 Sep 2018 2:44

Tgt Ion:264 Resp: 399914
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.6 29.4
 265 21.6 17.4 26.0



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

