

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036782.D
 Acq On : 18 Sep 2018 10:36
 Operator : JU/SJ
 Sample : J4936-26
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 11:27:58 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

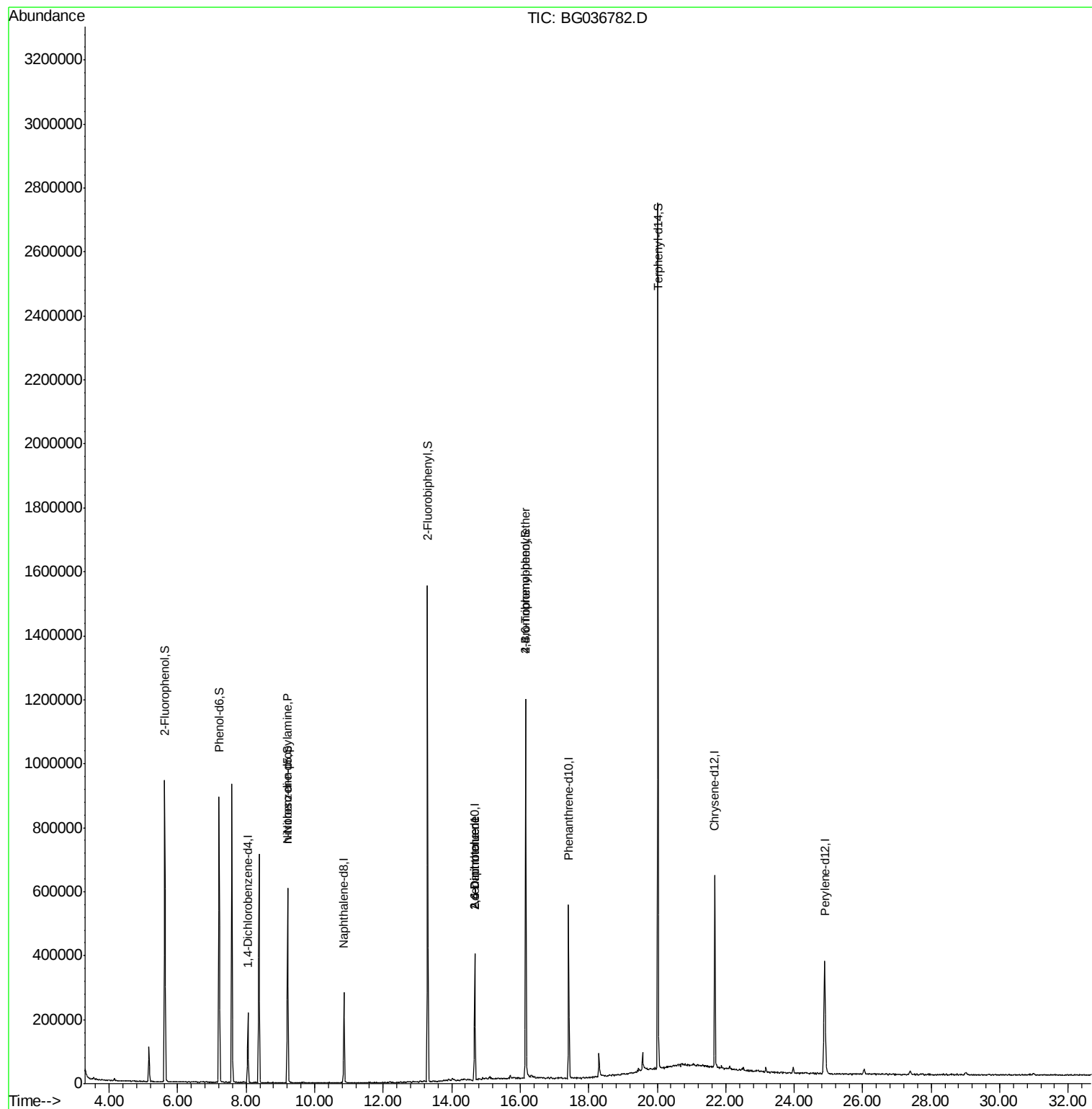
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58931	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	234413	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	142975	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	348539	20.00	ng	0.00
75) Chrysene-d12	21.68	240	382620	20.00	ng	-0.01
86) Perylene-d12	24.89	264	392001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385516	103.77	ng	0.00
7) Phenol-d6	7.21	99	497069	93.45	ng	0.00
23) Nitrobenzene-d5	9.21	82	366136	84.75	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	225441	132.15	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	782032	78.10	ng	-0.01
78) Terphenyl-d14	20.02	244	1290225	78.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49721	12.508	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	18430	7.672	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	18430	5.886	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15782	3.867	ng	# 1

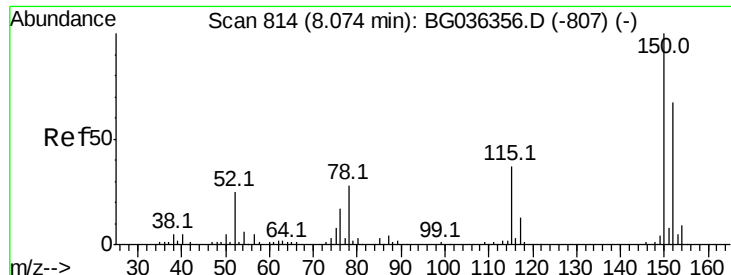
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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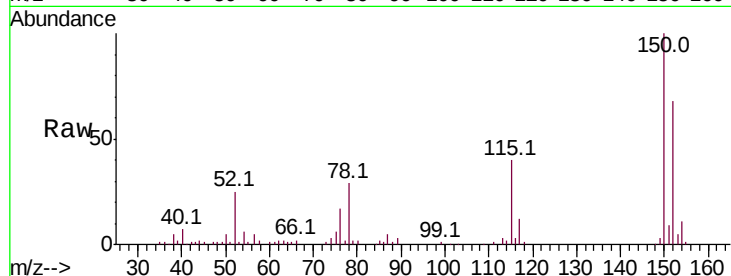


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036782.D
Acq: 18 Sep 2018 10:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	119.5	179.3
115	58.4	44.5	66.7

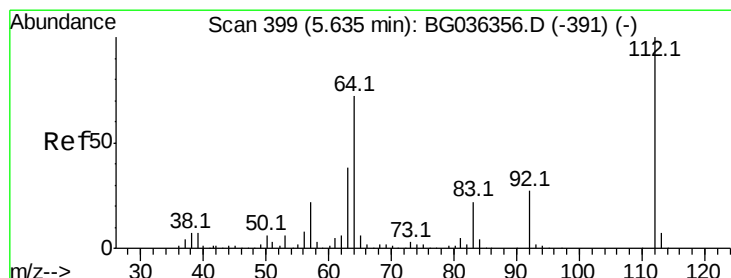
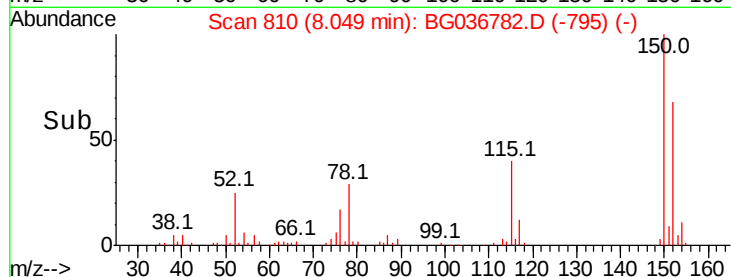
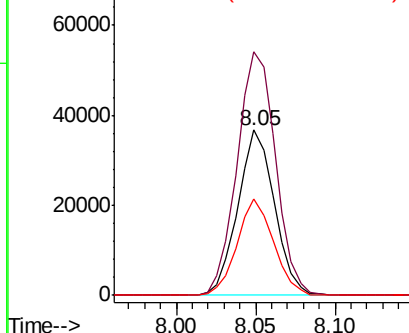


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

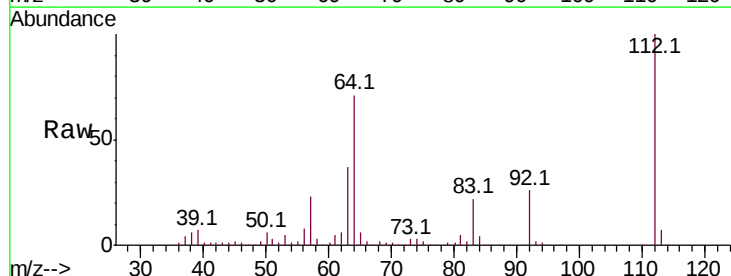
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.773 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036782.D
Acq: 18 Sep 2018 10:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.2	85.8
63	37.1	30.8	46.2

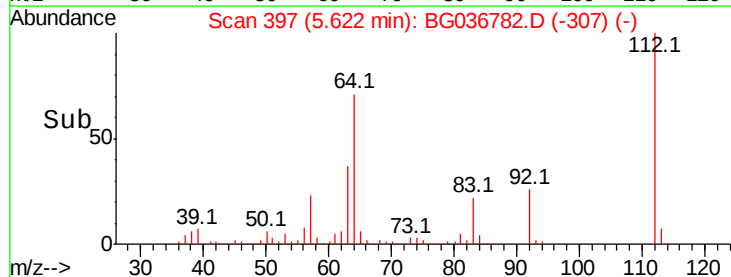
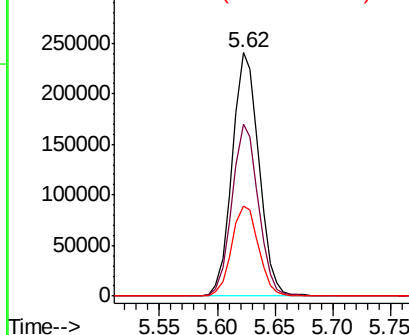


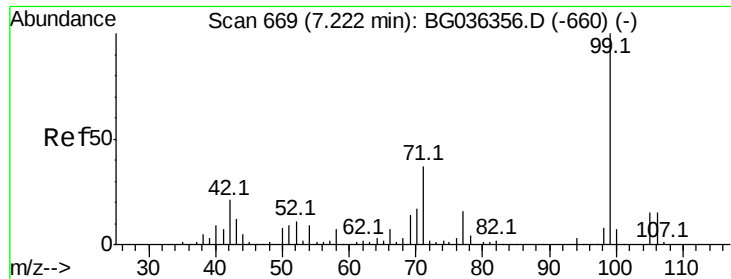
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.452 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_G

ClientSampleId :

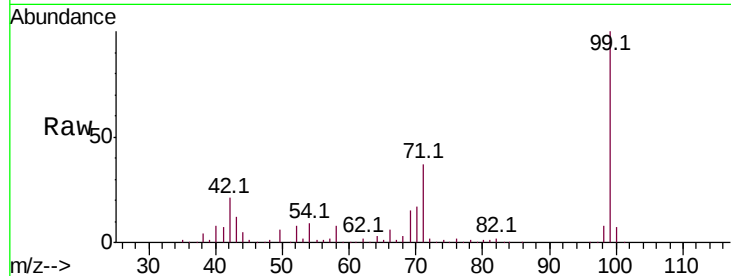
Tot Ion: 99 Resp: 497069

Ion Ratio Lower Upper

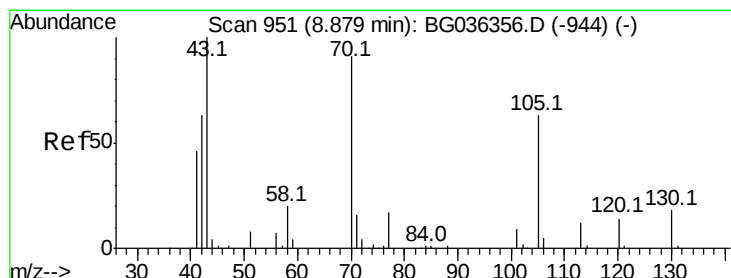
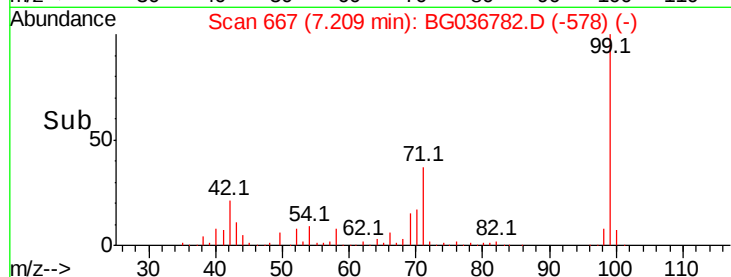
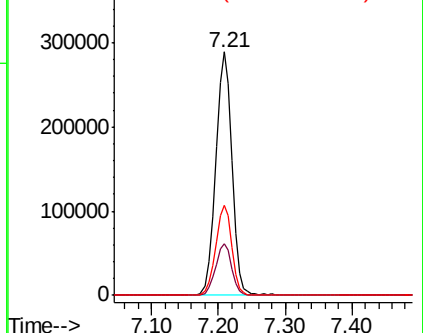
99 100

42 21.4 16.5 24.7

71 37.2 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: 12.508 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

Tgt Ion: 70 Resp: 49721

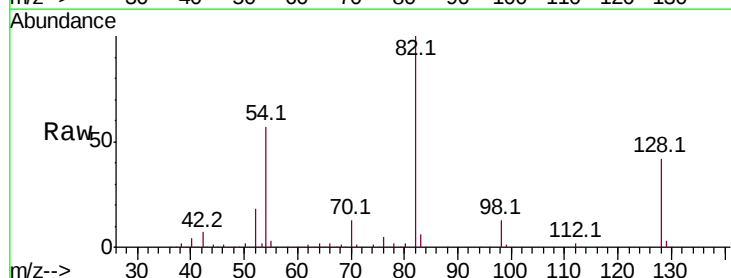
Ion Ratio Lower Upper

70 100

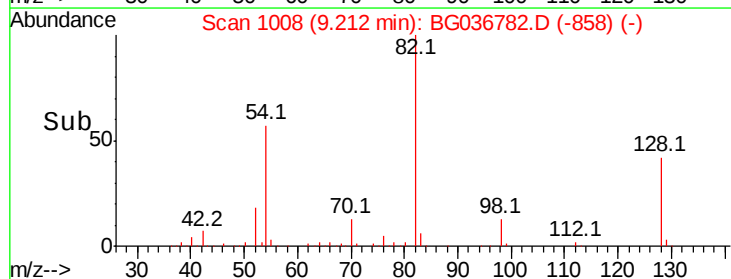
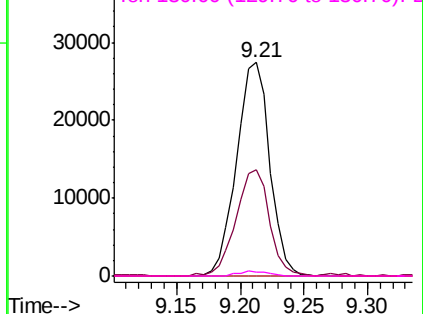
42 49.5 56.2 84.4#

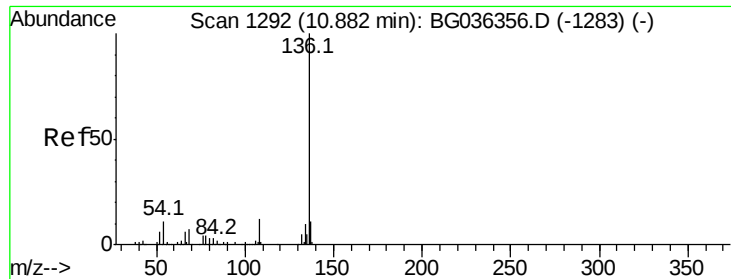
101 0.0 7.8 11.6#

130 1.9 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

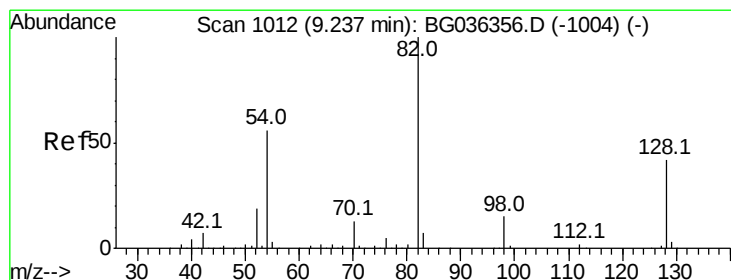
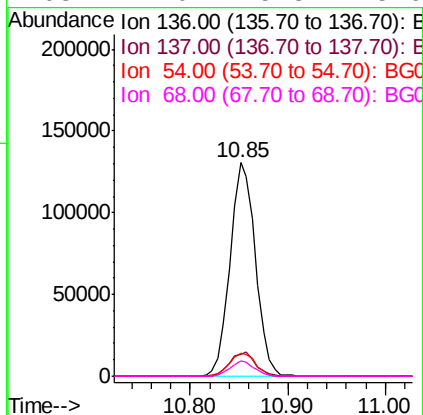
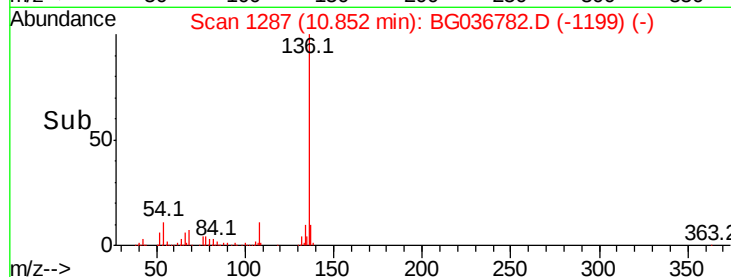
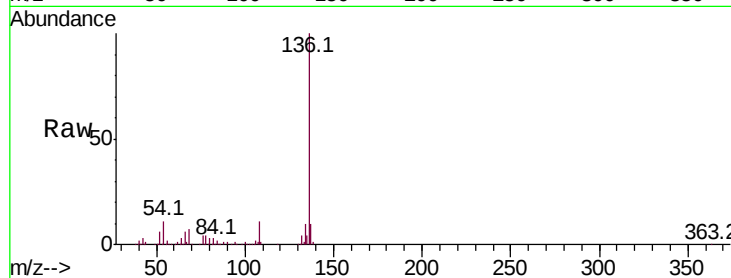




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036782.D
Acq: 18 Sep 2018 10:36

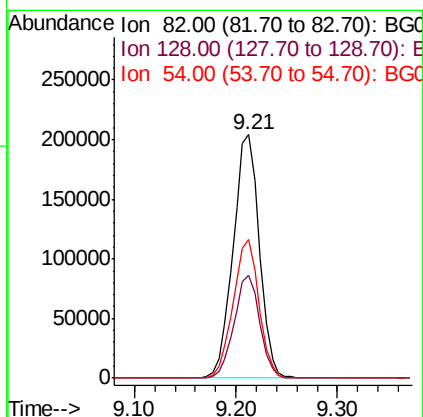
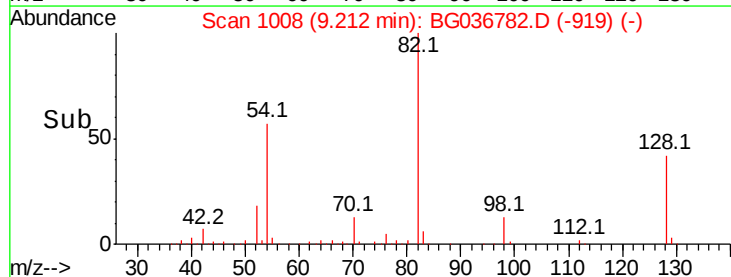
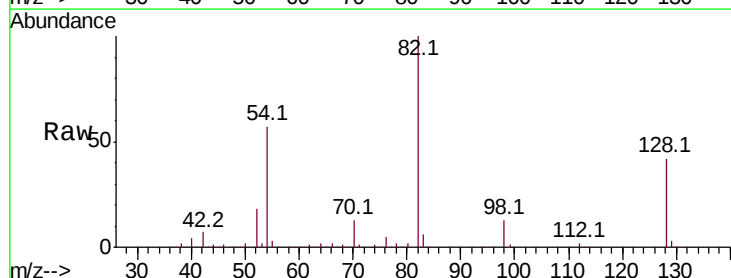
Instrument :
BNA_G
ClientSampleId :

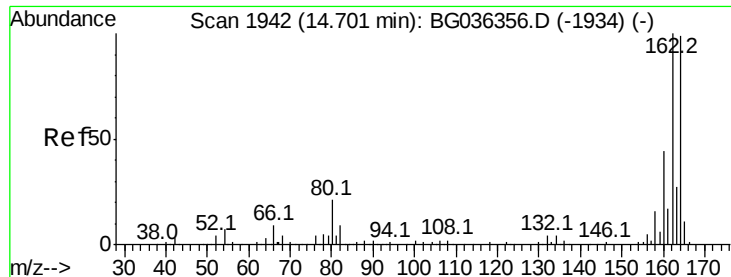
Tot Ion:136	Resp:	234413
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.8	13.2
54 10.7	9.2	13.8
68 7.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.745 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036782.D
Acq: 18 Sep 2018 10:36

Tgt Ion: 82	Resp: 366136
Ion Ratio	Lower Upper
82 100	
128 42.3	33.3 49.9
54 56.9	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_G

ClientSampleId :

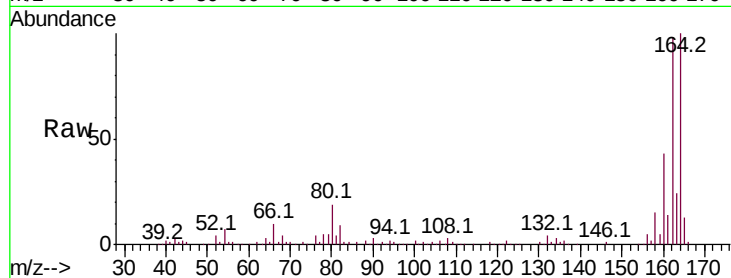
Tot Ion:164 Resp: 142975

Ion Ratio Lower Upper

164 100

162 97.5 80.7 121.1

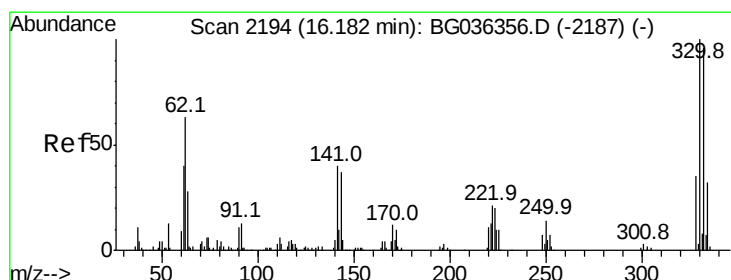
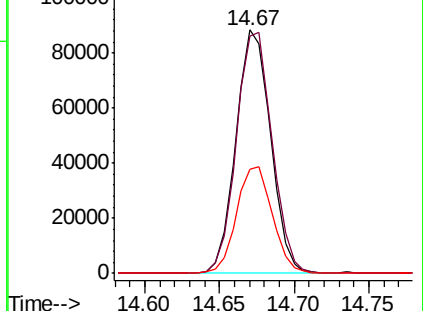
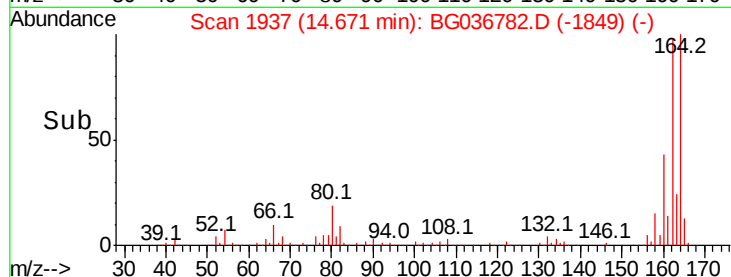
160 42.5 35.3 52.9



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: 132.145 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

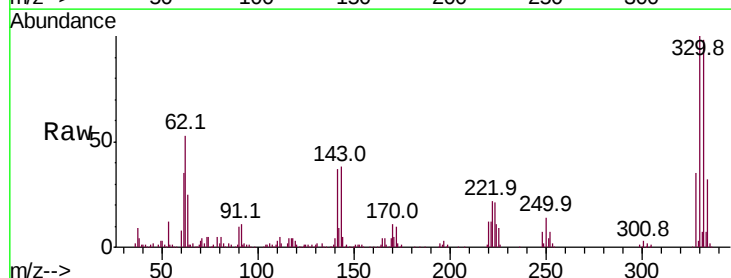
Tgt Ion:330 Resp: 225441

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

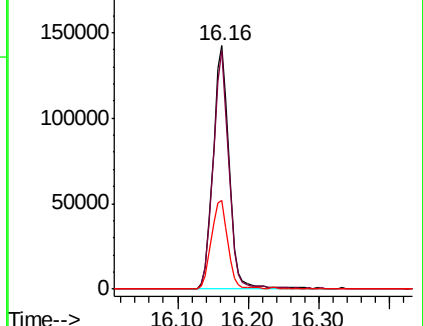
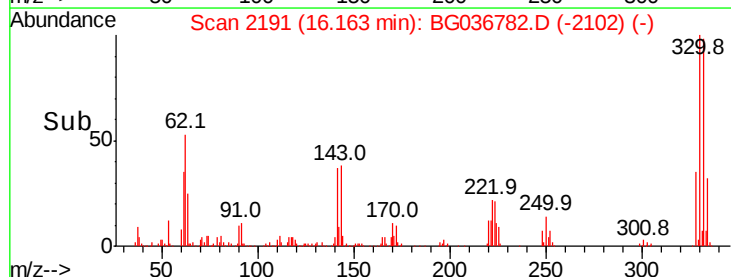
141 37.7 30.7 46.1

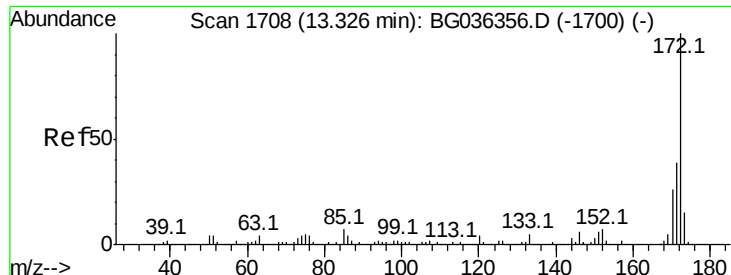


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

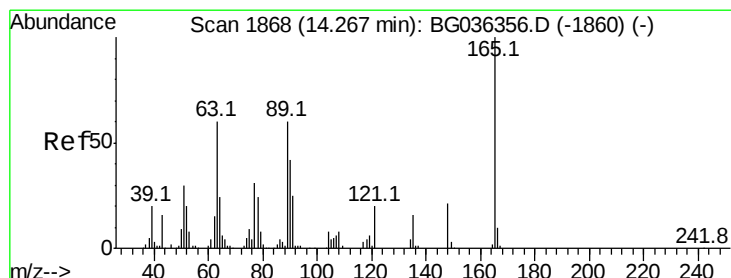
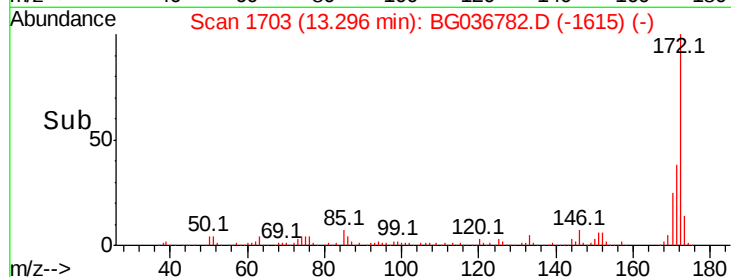
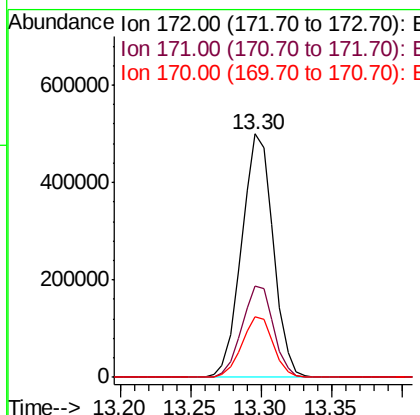
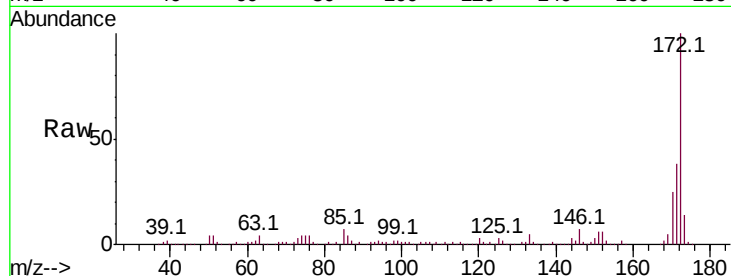




#44
 2-Fluorobiphenyl
 Concen: 78.098 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

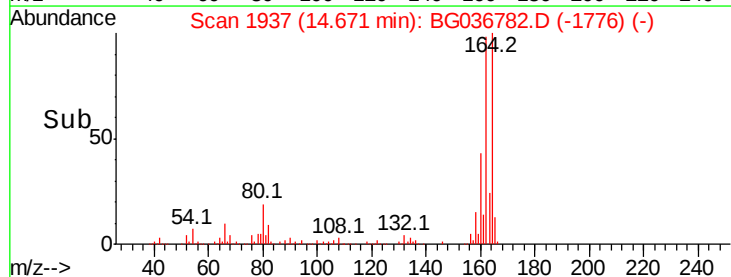
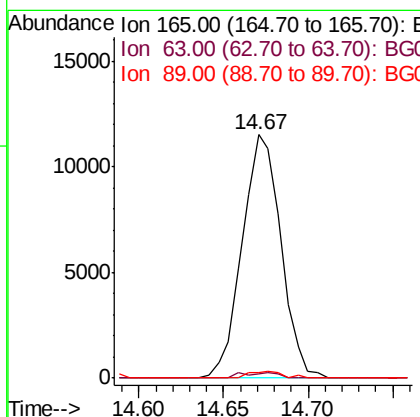
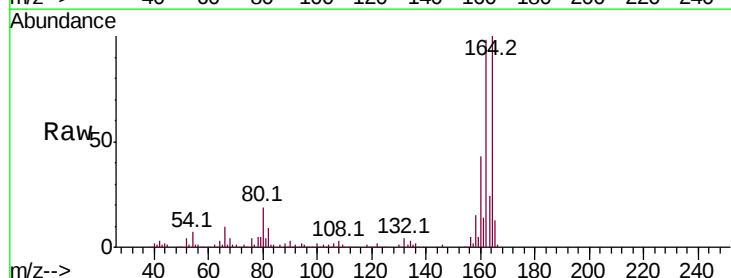
Instrument :
 BNA_G
 ClientSampleId :

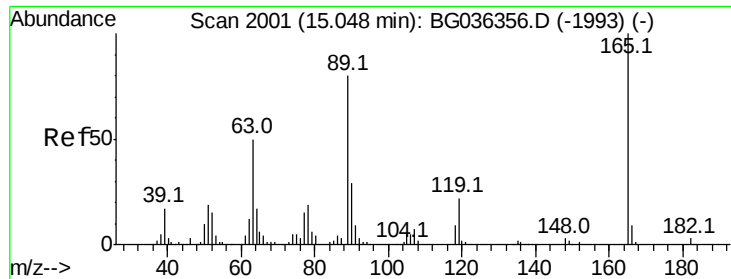
Tot Ion:172 Resp: 782032
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 24.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.672 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

Tgt Ion:165 Resp: 18430
 Ion Ratio Lower Upper
 165 100
 63 1.8 50.1 75.1#
 89 2.3 47.8 71.6#

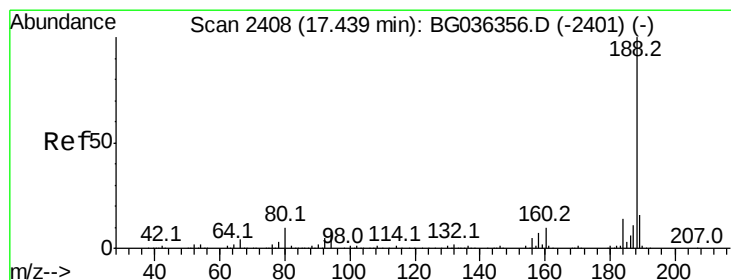
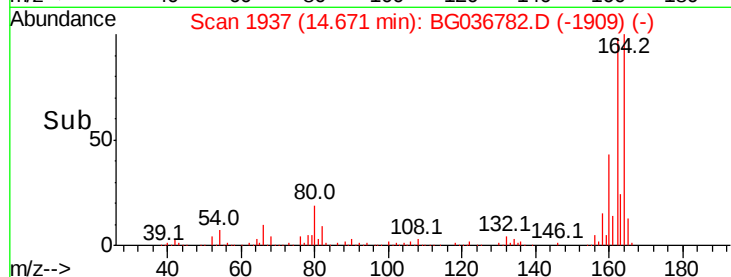
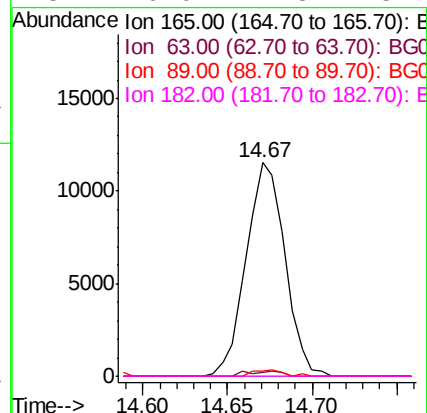
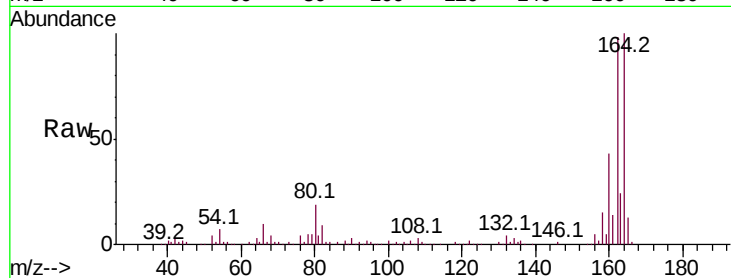




#56
 2,4-Dinitrotoluene
 Concen: 5.886 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

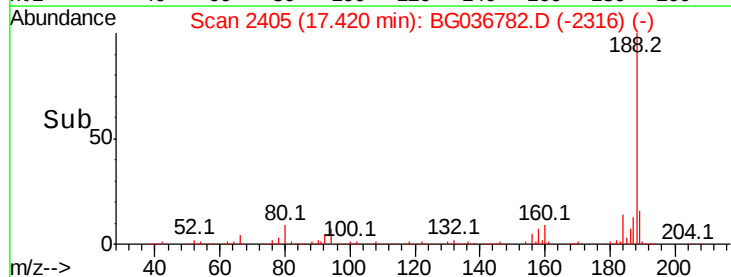
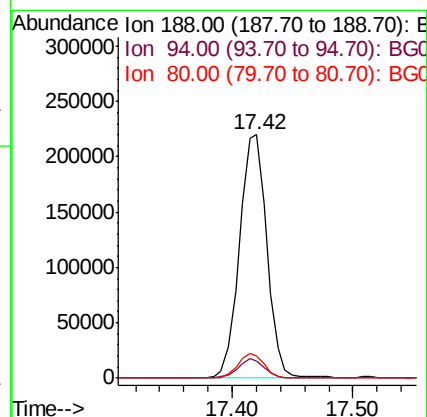
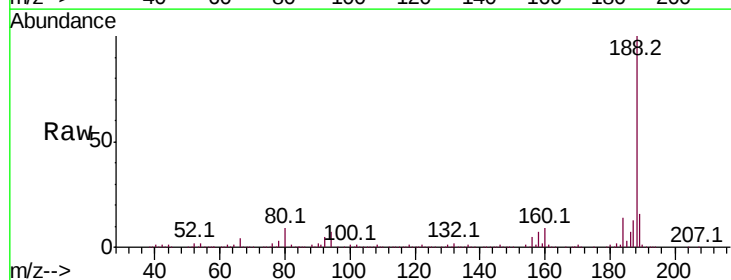
Instrument :
 BNA_G
 ClientSampleId :

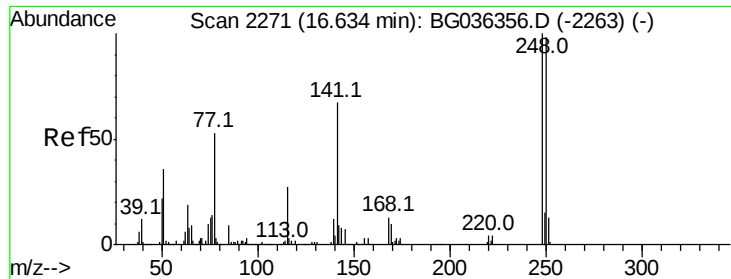
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	9.0	8.1	12.1

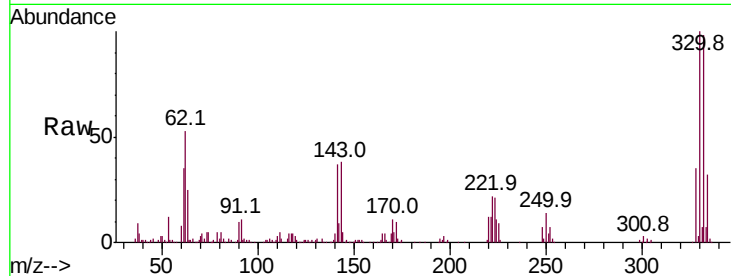




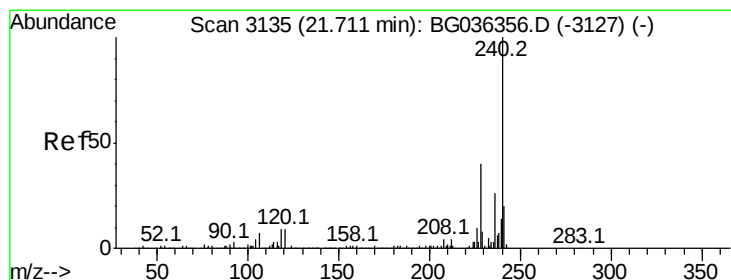
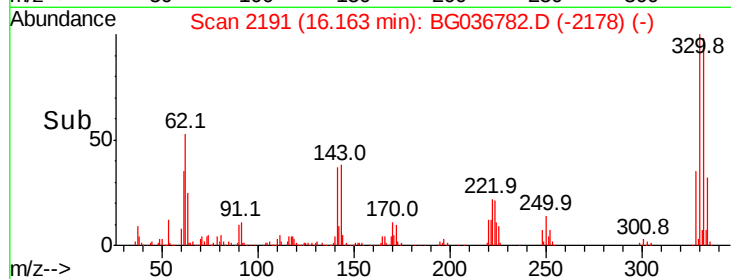
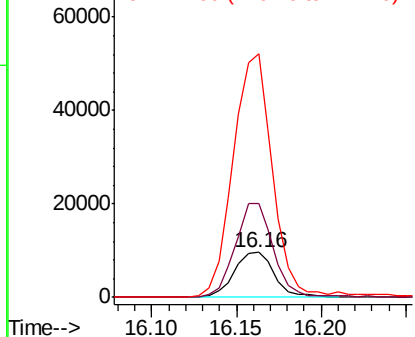
#66
 4-Bromophenyl-phenylether
 Concen: 3.867 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15782
 Ion Ratio Lower Upper
 248 100
 250 209.2 78.1 117.1#
 141 540.5 53.7 80.5#

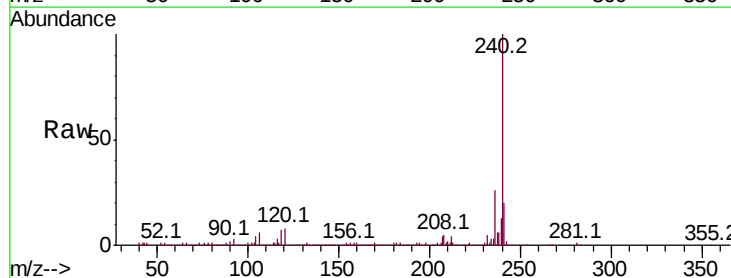


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

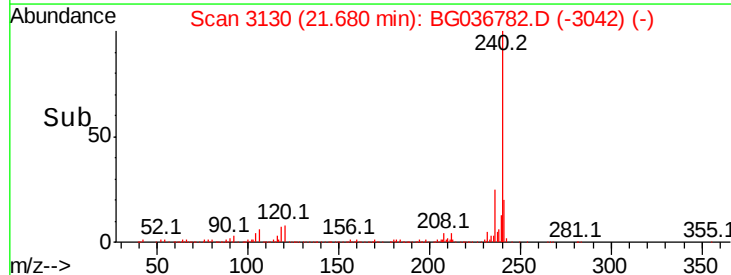
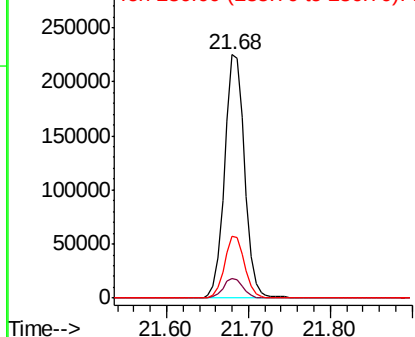


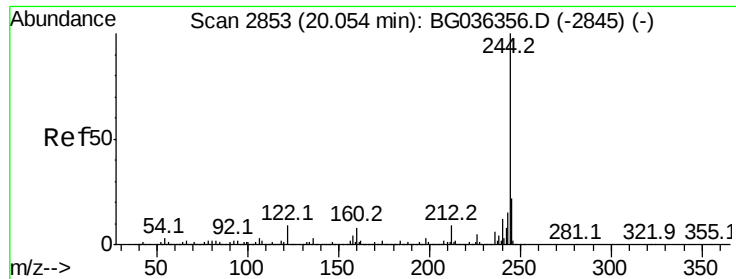
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036782.D
 Acq: 18 Sep 2018 10:36

Tgt Ion:240 Resp: 382620
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.6 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: 78.817 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_G

ClientSampleId :

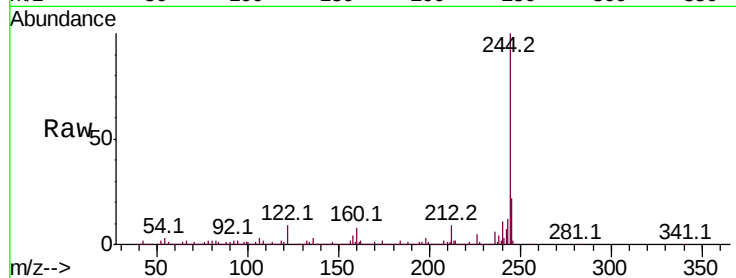
Tot Ion:244 Resp: 1290225

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

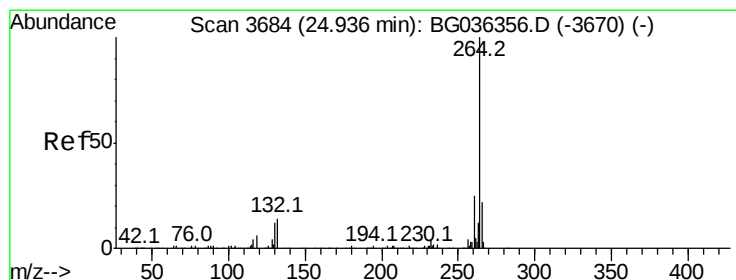
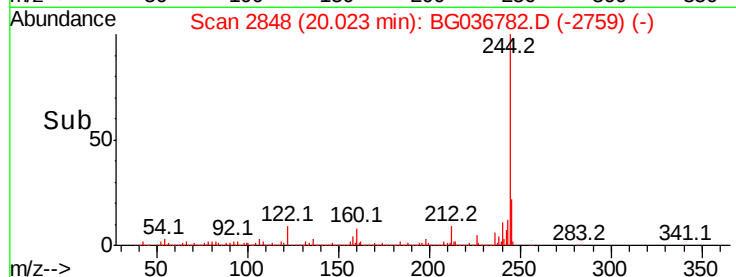
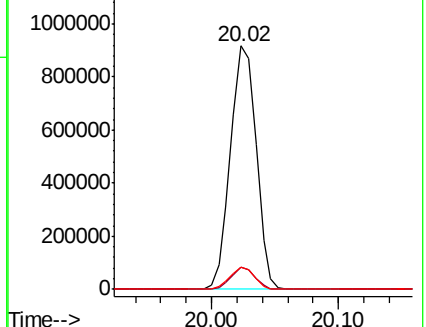
122 8.9 7.1 10.7



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# 3676

Delta R.T. -0.01 min

Lab File: BG036782.D

Acq: 18 Sep 2018 10:36

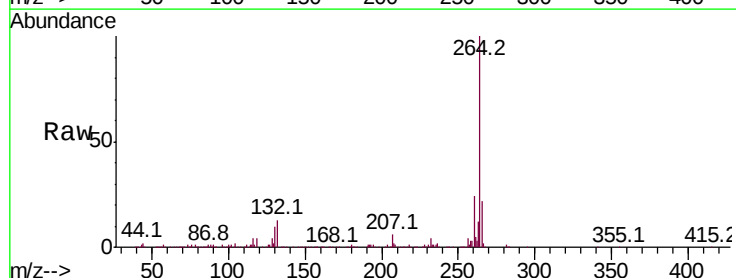
Tgt Ion:264 Resp: 392001

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 22.0 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

