

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036446.D
 Acq On : 28 Aug 2018 1:50
 Operator : JU/SJ
 Sample : J4273-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:30:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

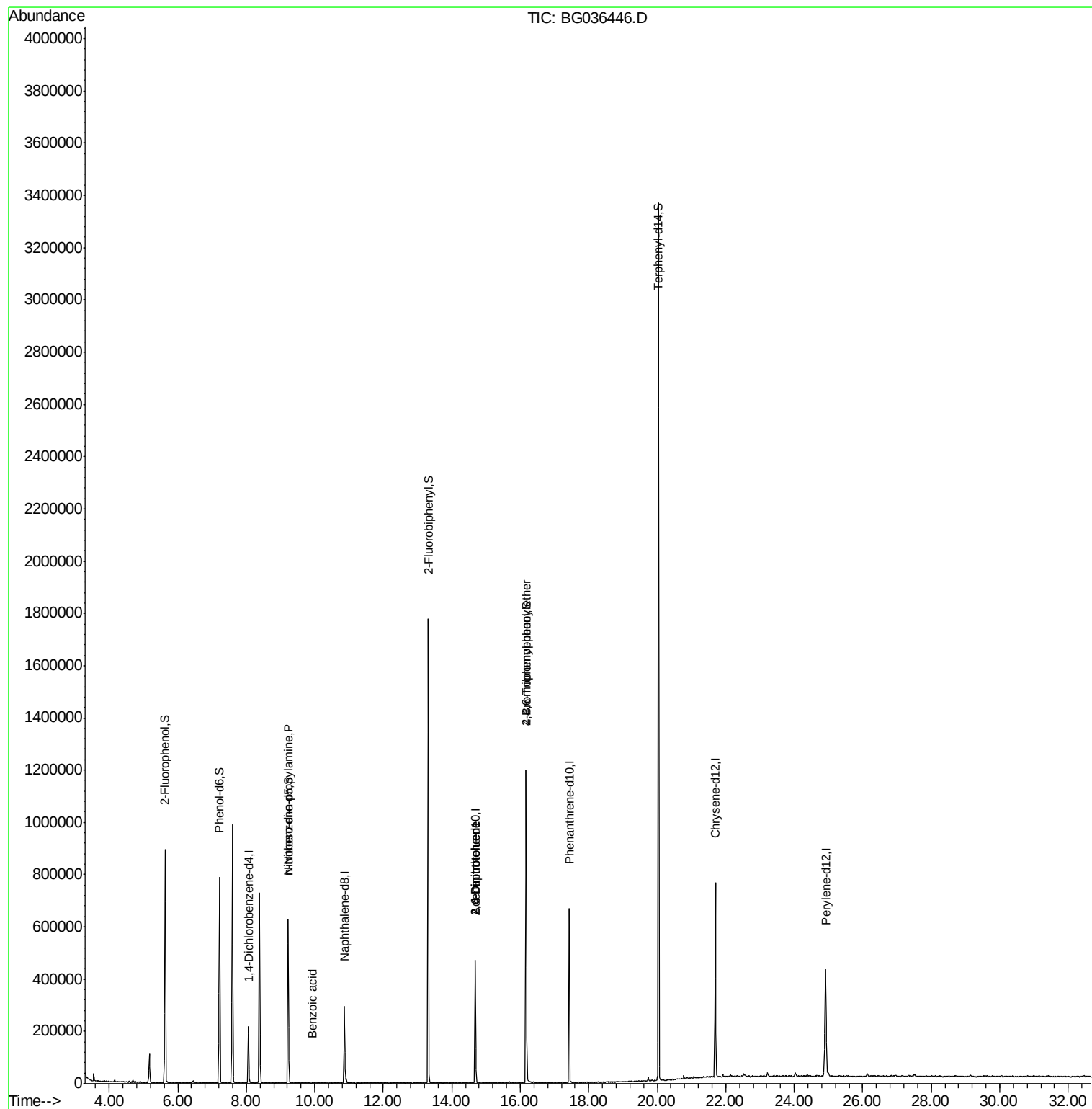
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246823	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	161163	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	407135	20.00	ng	0.00
75) Chrysene-d12	21.70	240	451918	20.00	ng	-0.01
86) Perylene-d12	24.92	264	450252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	369107	98.80	ng	0.00
7) Phenol-d6	7.21	99	459103	85.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	373555	82.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	224044	116.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883321	78.26	ng	-0.01
78) Terphenyl-d14	20.04	244	1577234	81.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	50841	12.718	ng	# 70
32) Benzoic acid	9.93	122	69	4.503	ng	# 1
50) 2,6-Dinitrotoluene	14.69	165	19790	7.308	ng	# 24
56) 2,4-Dinitrotoluene	14.69	165	19790	5.607	ng	# 22
66) 4-Bromophenyl-phenylether	16.17	248	16083	3.374	ng	# 1

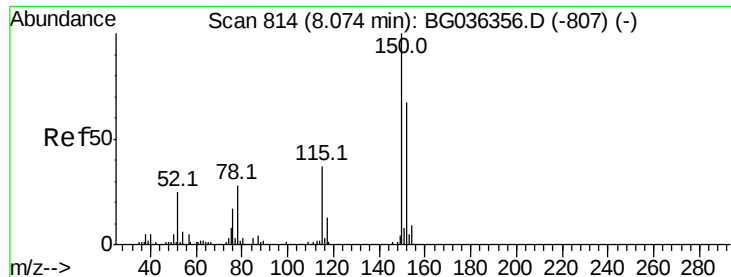
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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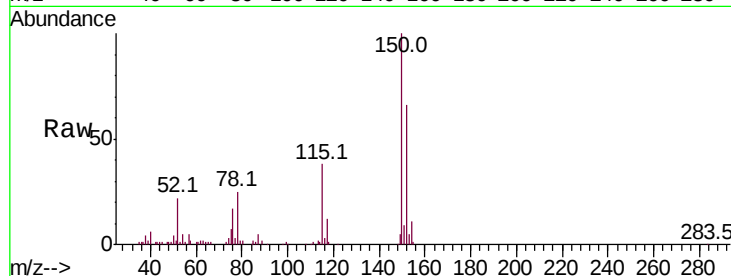


#1

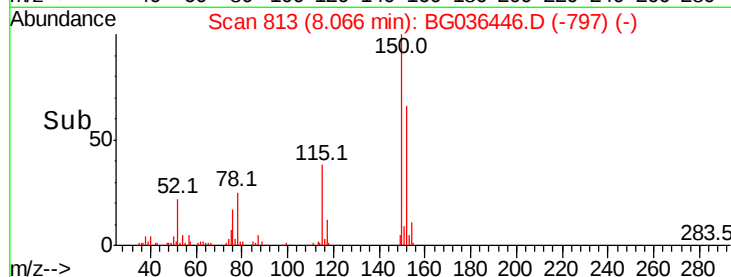
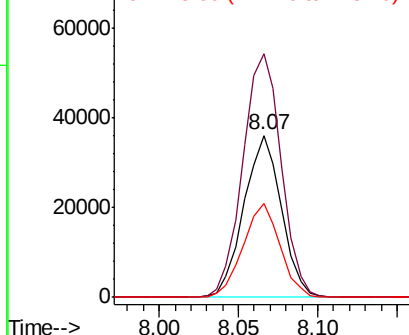
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	57.8	44.5	66.7



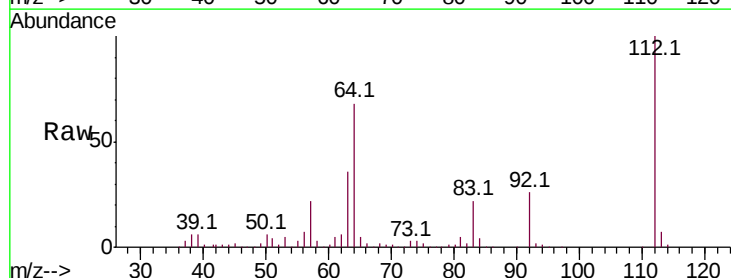
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



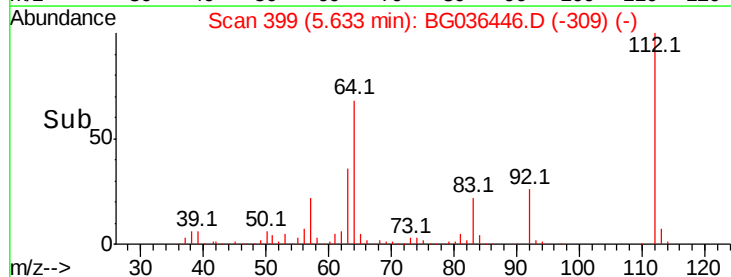
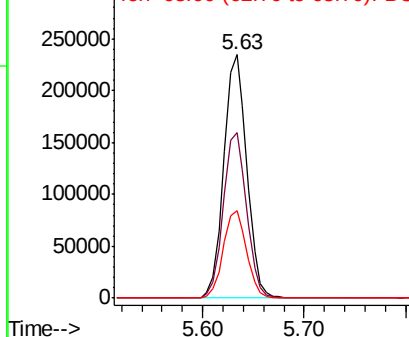
#5

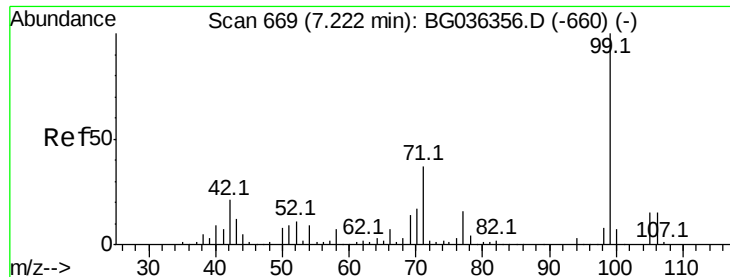
2-Fluorophenol
Concen: 98.801 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	35.8	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: 85.832 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Instrument :

BNA_G

ClientSampleId :

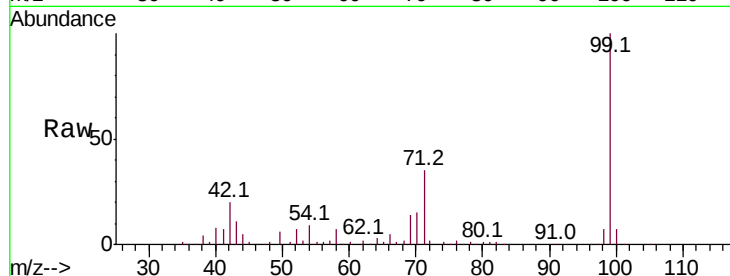
Tot Ion: 99 Resp: 459103

Ion Ratio Lower Upper

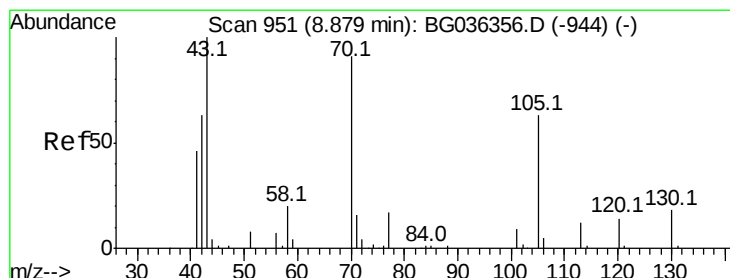
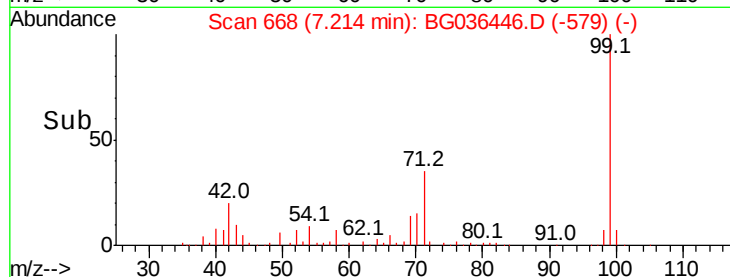
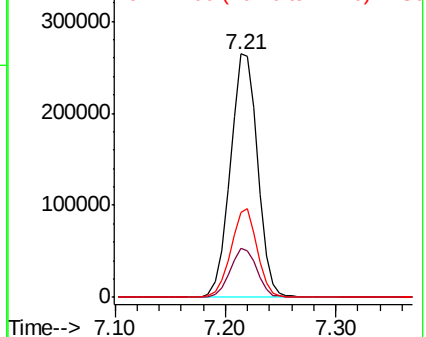
99 100

42 19.9 16.5 24.7

71 34.9 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: 12.718 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Tgt Ion: 70 Resp: 50841

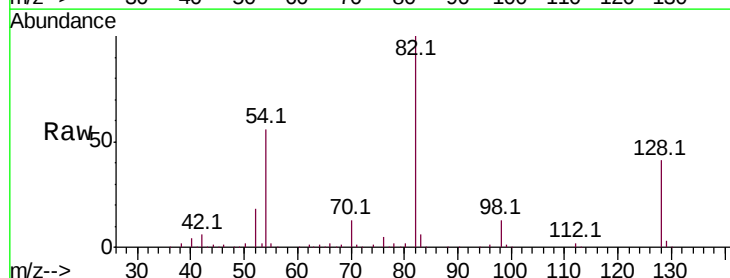
Ion Ratio Lower Upper

70 100

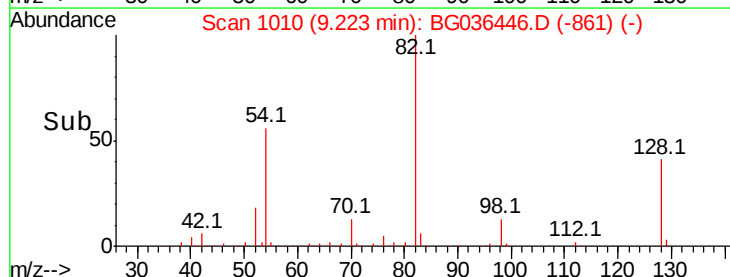
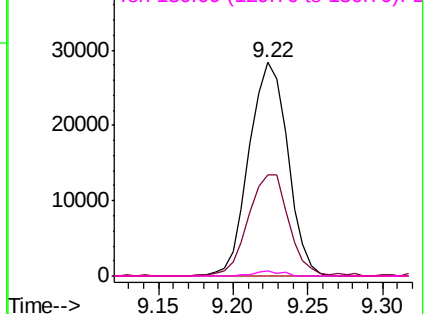
42 47.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.6 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

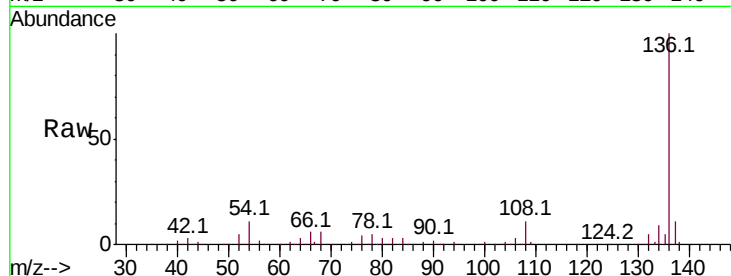




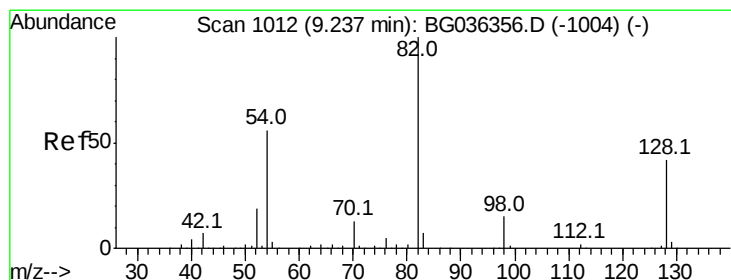
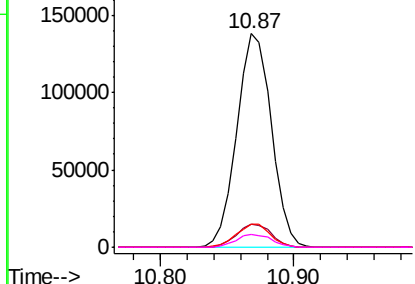
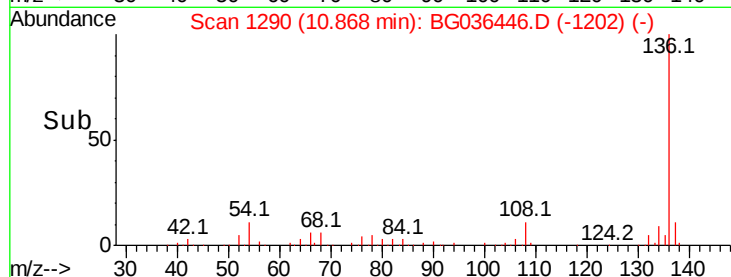
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	246823
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.7	9.2	13.8
68	6.3	5.8	8.6

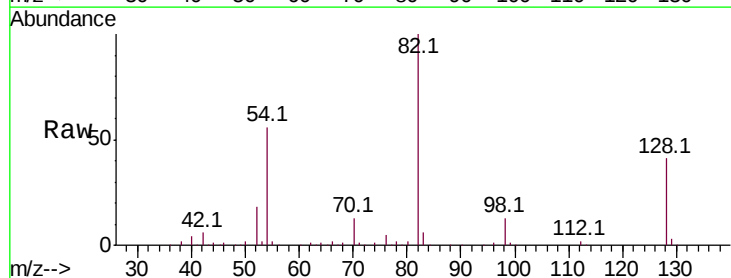


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

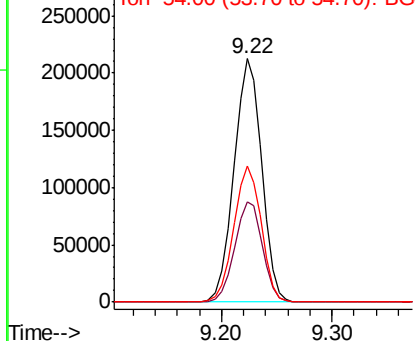
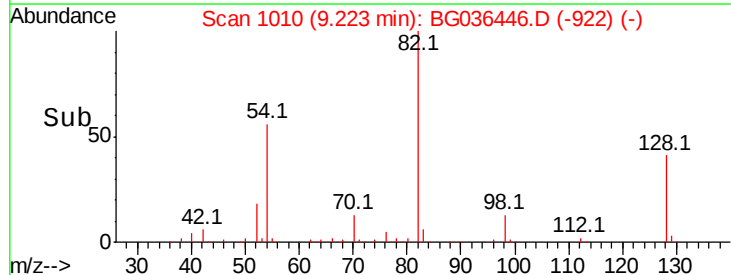


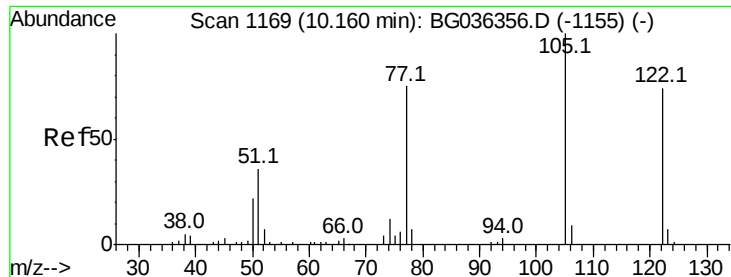
#23
Nitrobenzene-d5
Concen: 82.115 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion:	82	Resp:	373555
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	56.2	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

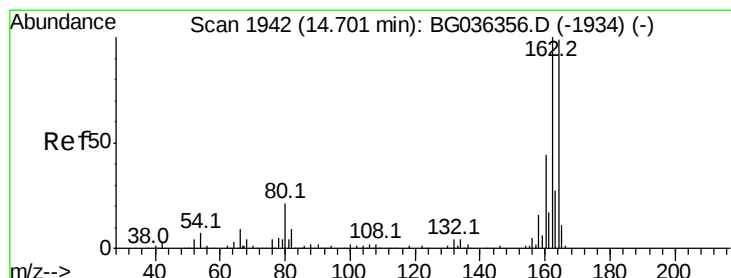
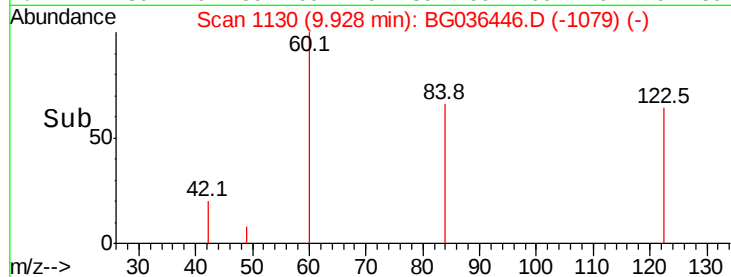
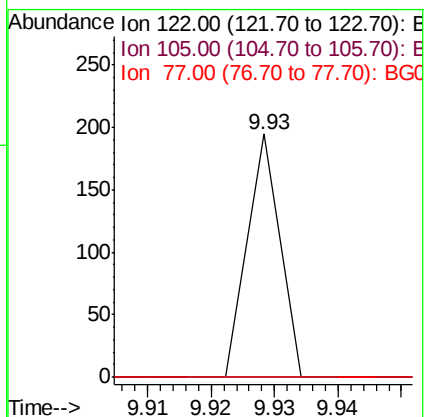
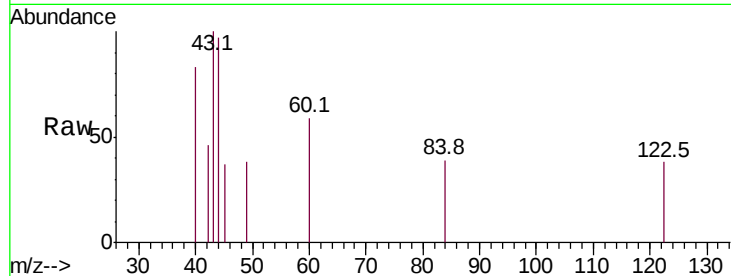




#32
Benzoic acid
Concen: 4.503 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.23 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

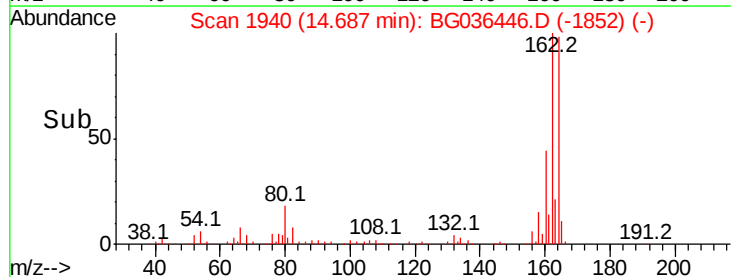
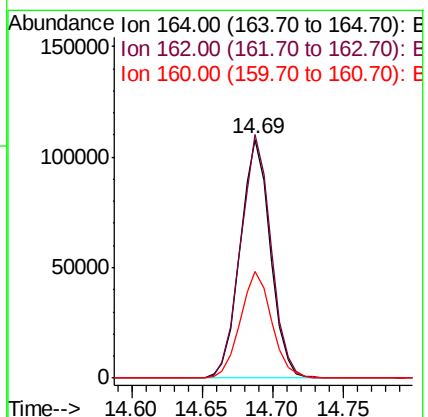
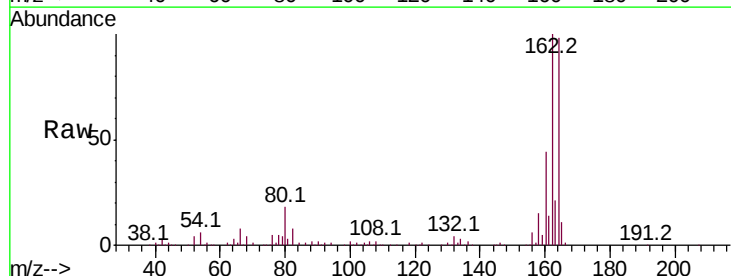
Instrument :
BNA_G
ClientSampled :

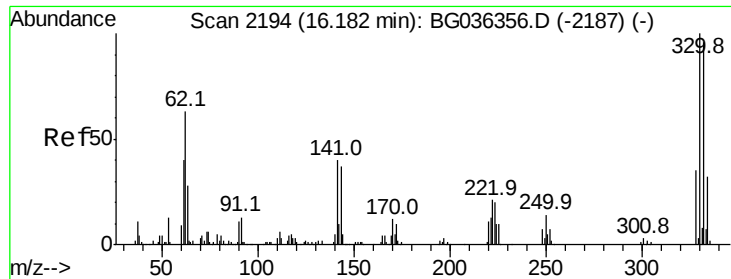
Tot Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion:164 Resp: 161163
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 44.5 35.3 52.9

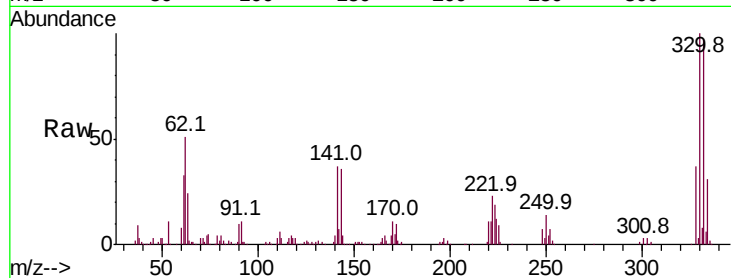




#41
 2,4,6-Tribromophenol
 Concen: 116.505 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	37.8	30.7	46.1

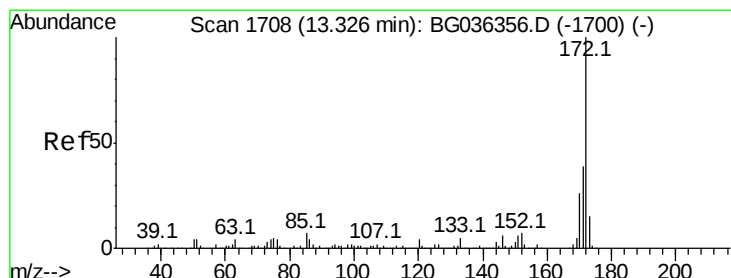
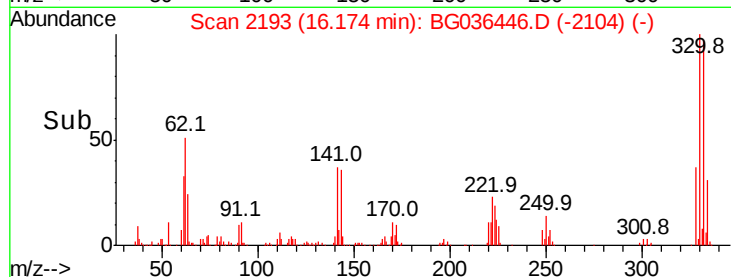
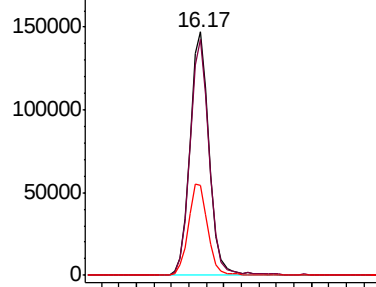


Abundance

Ion 329.80 (329.50 to 330.50): E

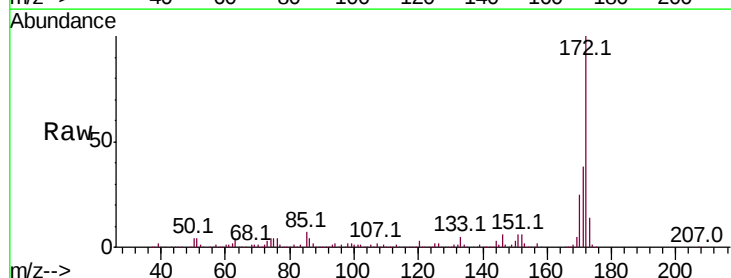
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.258 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.4	21.0	31.6

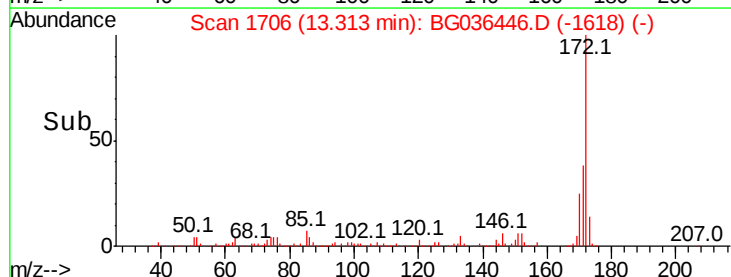
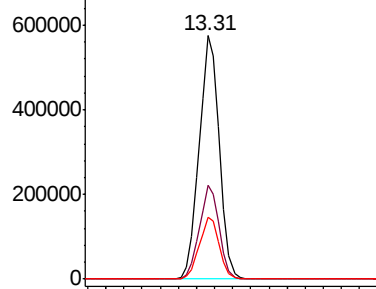


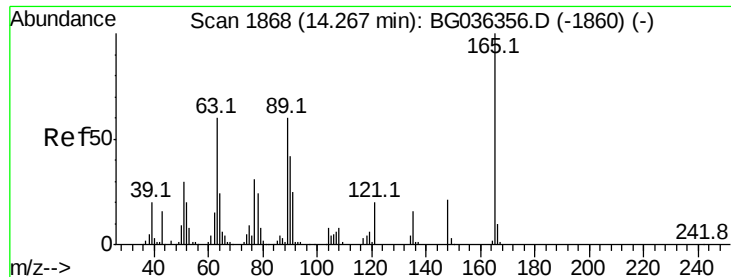
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

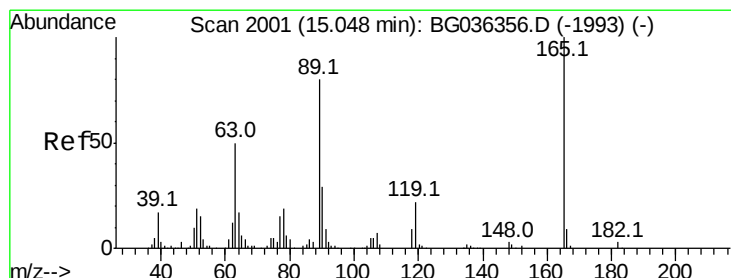
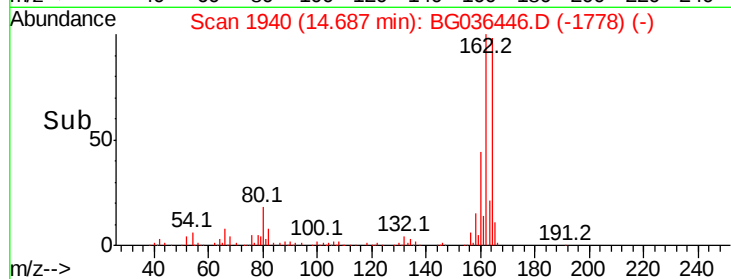
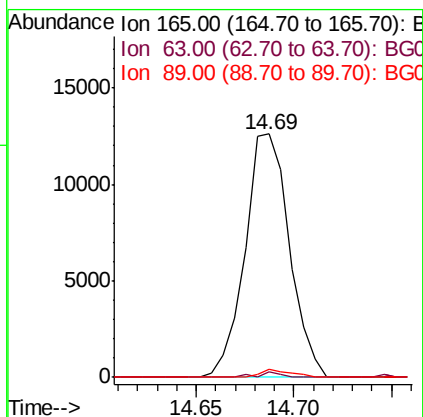
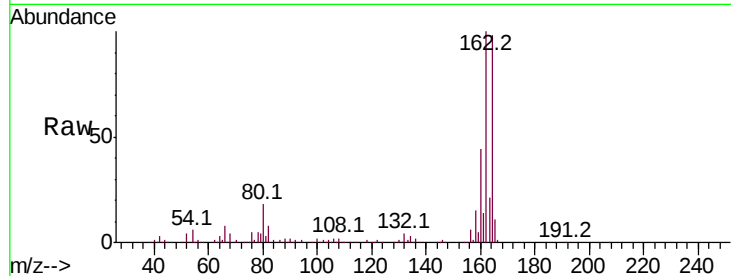




#50
 2,6-Dinitrotoluene
 Concen: 7.308 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

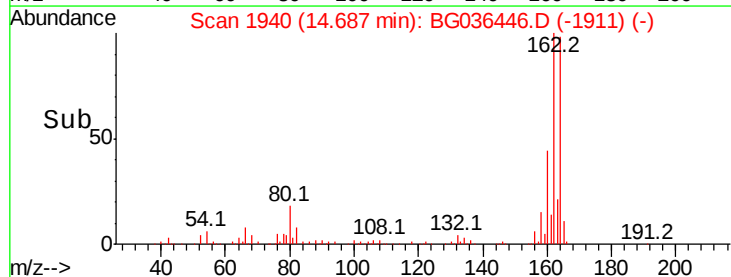
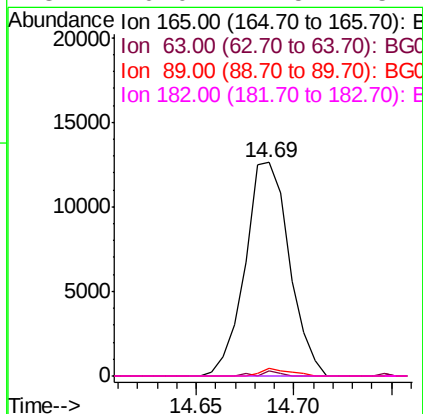
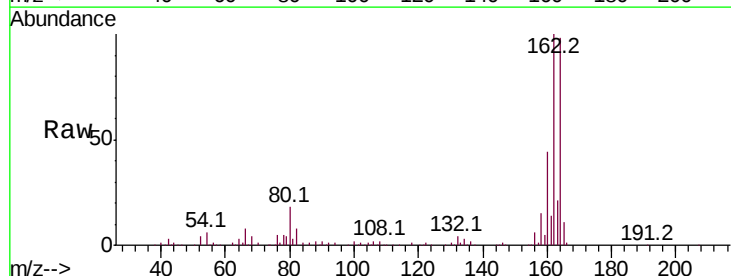
Instrument :
 BNA_G
 ClientSampleId :

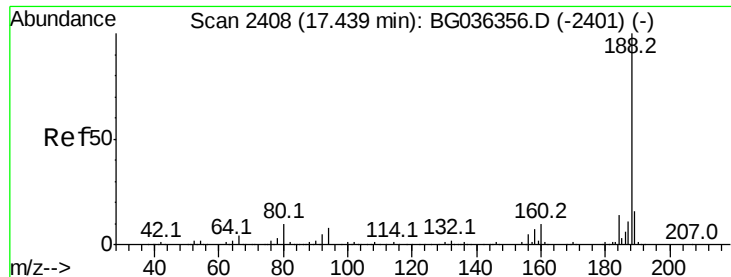
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	3.4	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.607 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	3.4	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Instrument :

BNA_G

ClientSampleId :

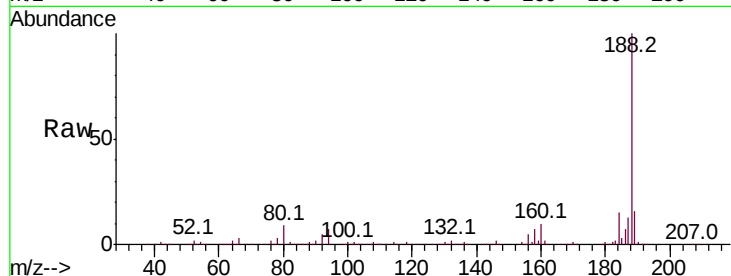
Tot Ion:188 Resp: 407135

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

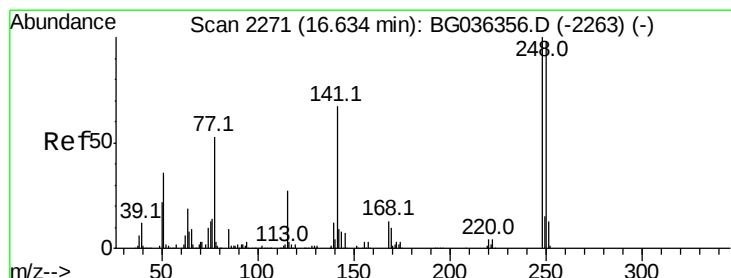
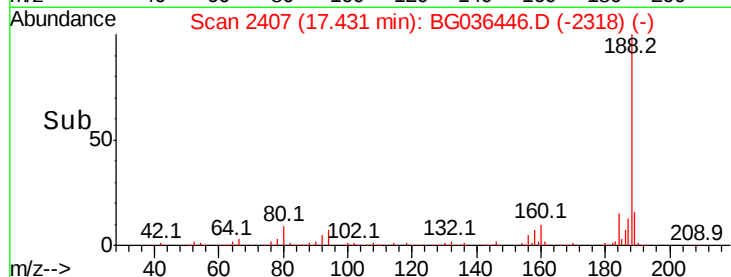
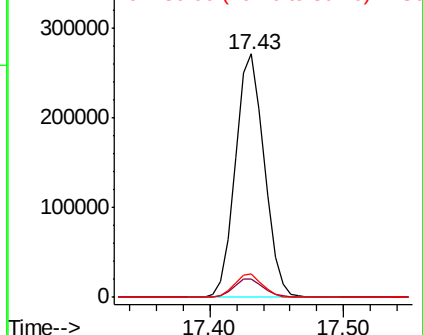
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.374 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.46 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

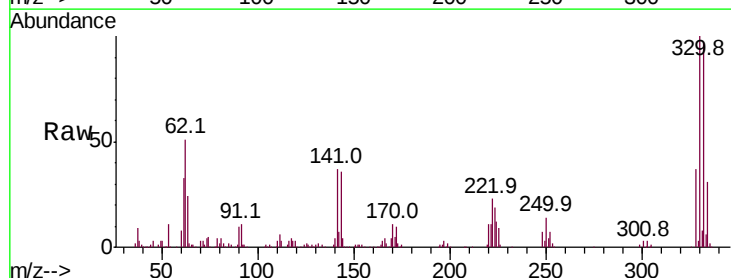
Tgt Ion:248 Resp: 16083

Ion Ratio Lower Upper

248 100

250 197.5 78.1 117.1#

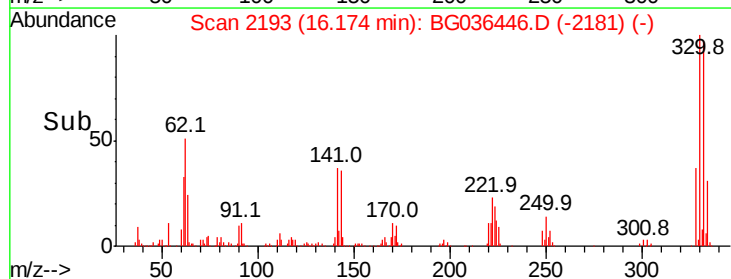
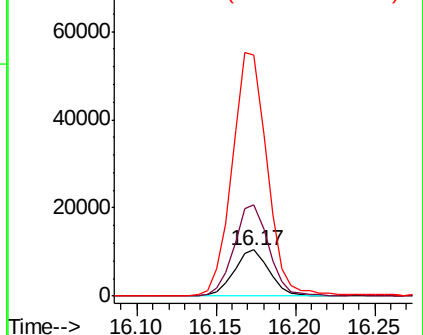
141 518.9 53.7 80.5#

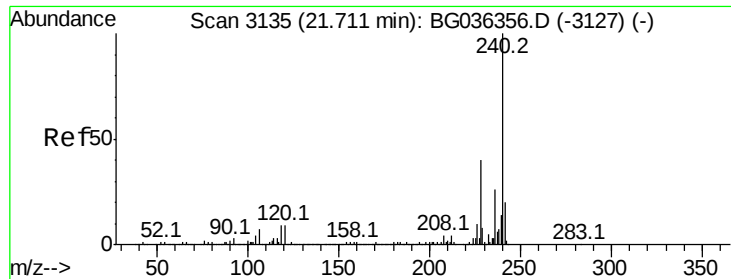


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Instrument :

BNA_G

ClientSampleId :

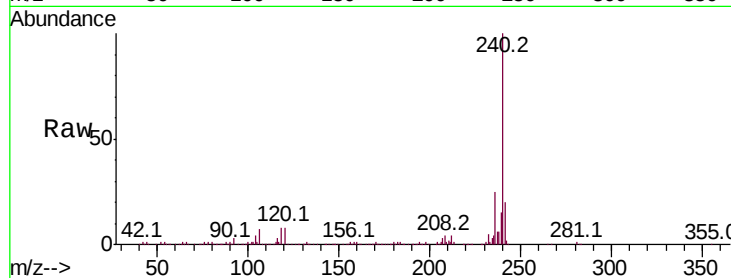
Tot Ion:240 Resp: 451918

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

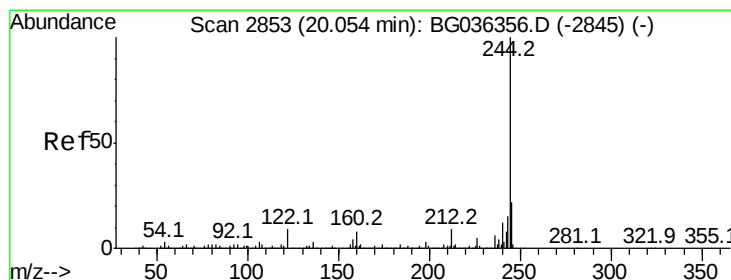
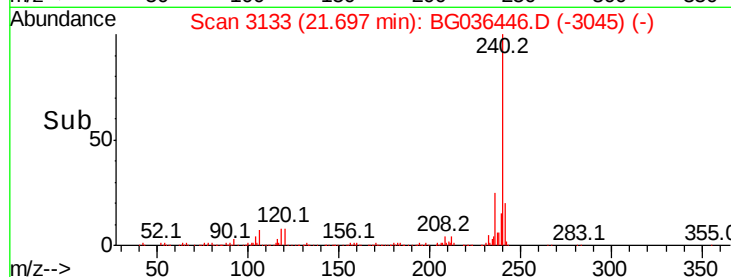
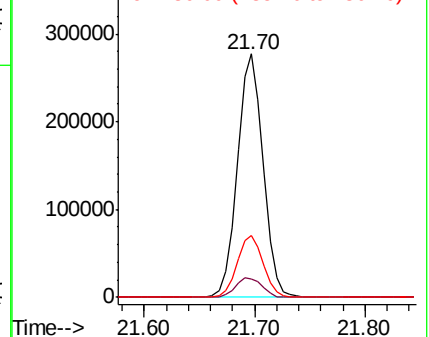
236 25.4 21.2 31.8



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: 81.575 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

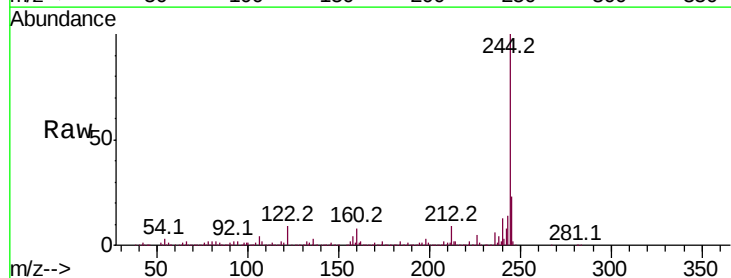
Tgt Ion:244 Resp: 1577234

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

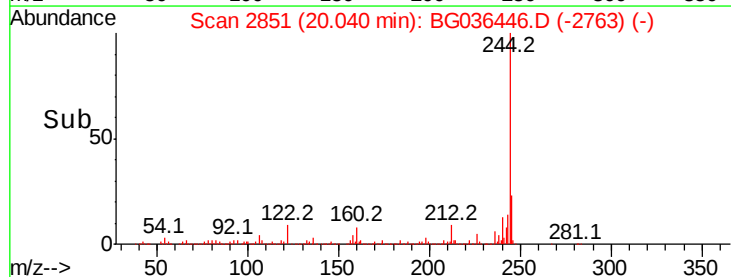
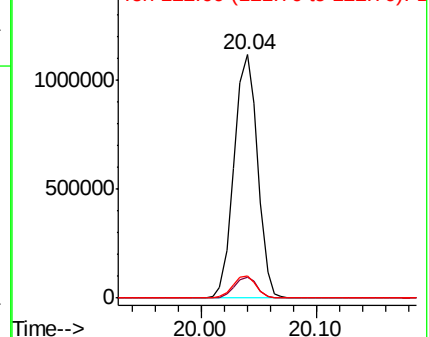
122 9.3 7.1 10.7

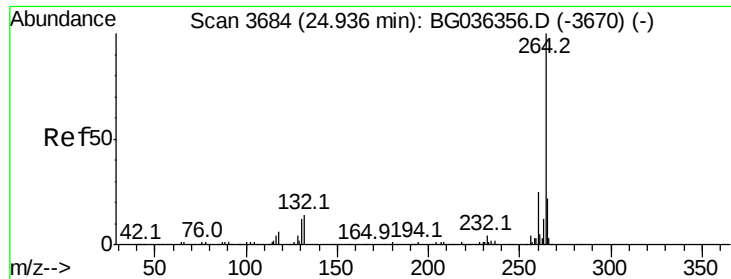


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.2	17.4	26.0

