

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036814.D
 Acq On : 19 Sep 2018 10:06
 Operator : JU/SJ
 Sample : J4945-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 11:42:58 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

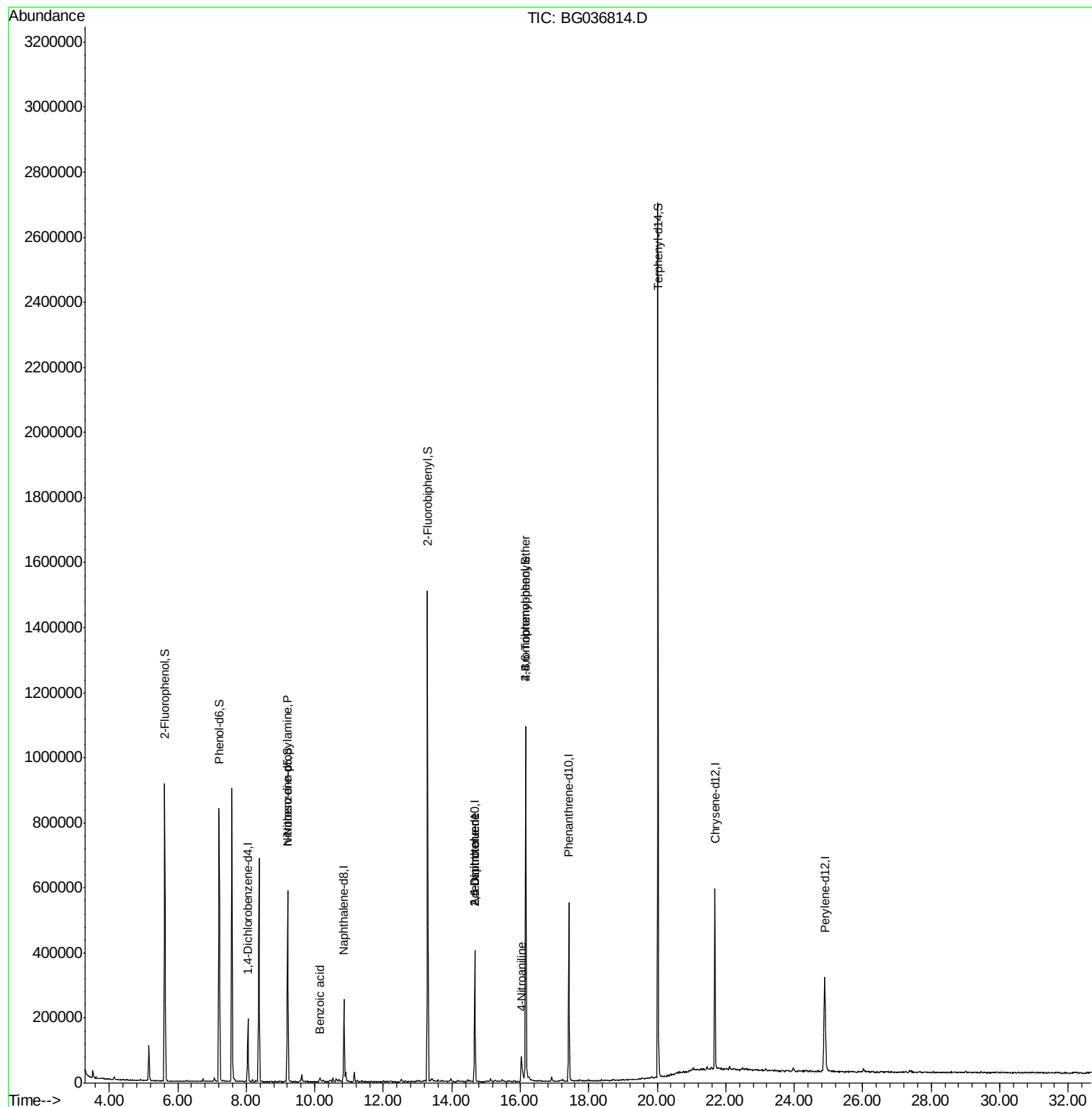
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53849	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	215783	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	139936	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	343564	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	348002	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	372542	109.74	ng	0.00
7) Phenol-d6	7.21	99	477019	98.15	ng	-0.01
23) Nitrobenzene-d5	9.21	82	358404	90.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	215307	128.95	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	794853	81.10	ng	-0.02
78) Terphenyl-d14	20.02	244	1279454	85.93	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48379	13.319	ng	# 71
32) Benzoic acid	10.13	122	890	4.825	ng	# 77
50) 2,6-Dinitrotoluene	14.67	165	18106	7.700	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18106	5.908	ng	# 20
61) 4-Nitroaniline	16.03	138	17470	6.589	ng	# 28
66) 4-Bromophenyl-phenylether	16.16	248	15190	3.776	ng	# 1

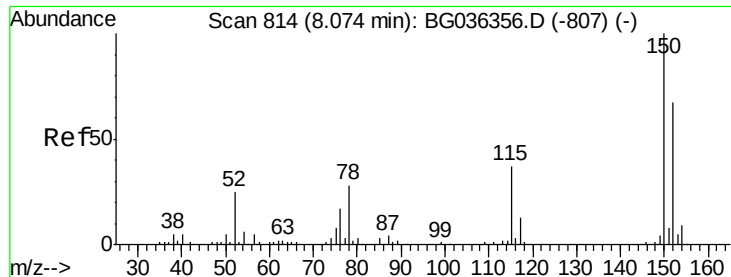
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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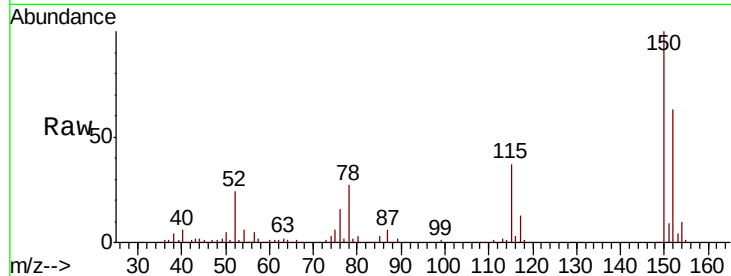


#1

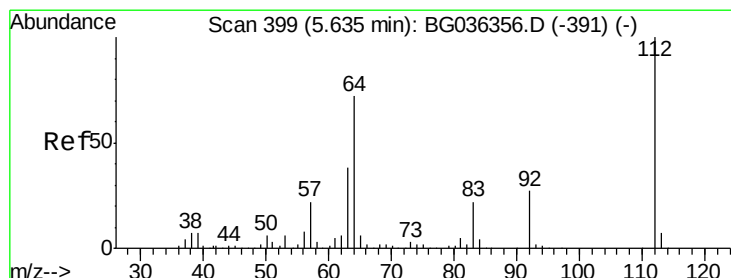
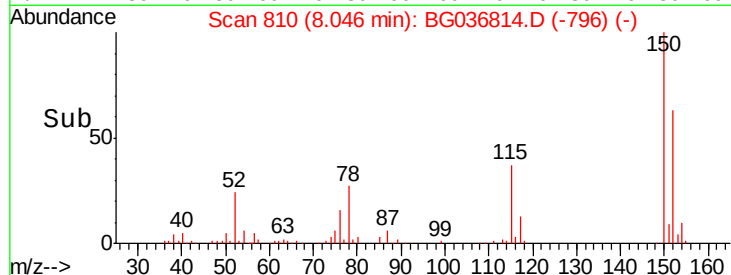
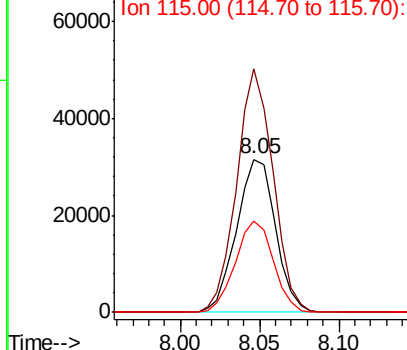
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53849
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 59.4 44.5 66.7



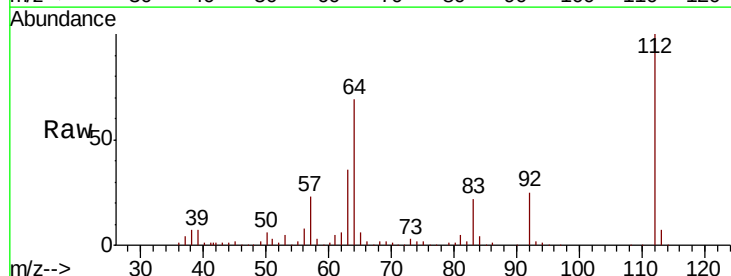
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



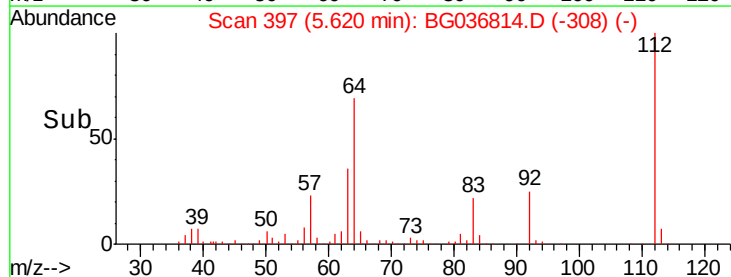
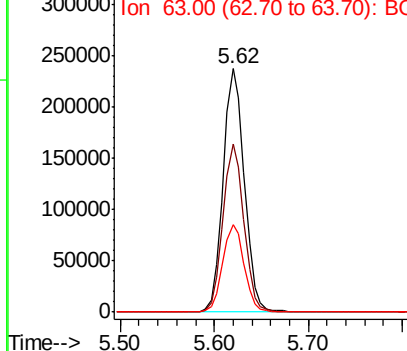
#5

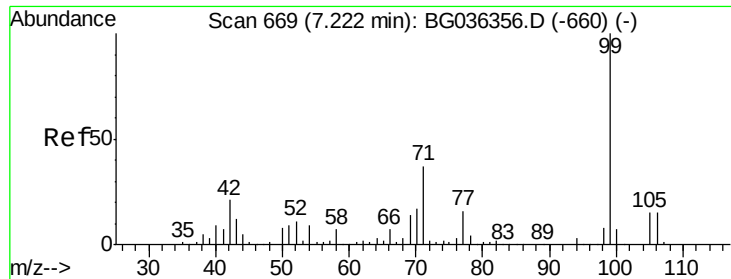
2-Fluorophenol
Concen: 109.744 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:112 Resp: 372542
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.1 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: 98.146 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

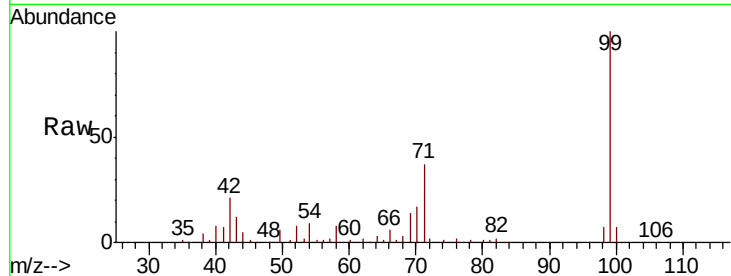
Tot Ion: 99 Resp: 477019

Ion Ratio Lower Upper

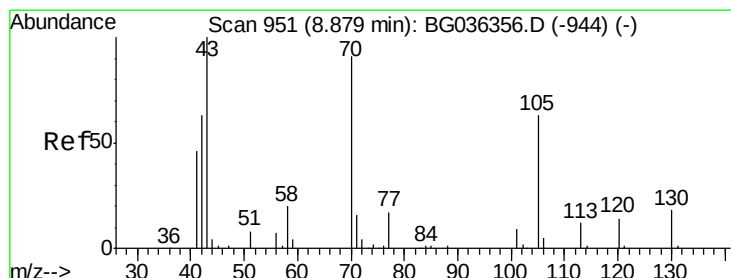
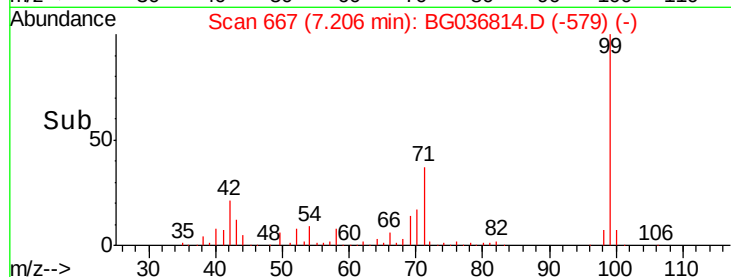
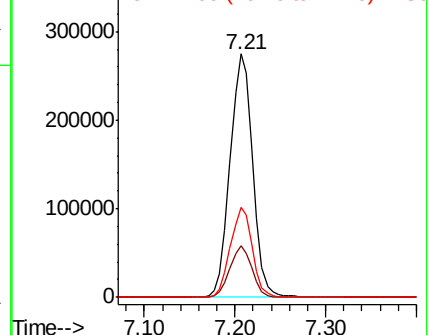
99 100

42 21.2 16.5 24.7

71 37.0 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: 13.319 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

Tgt Ion: 70 Resp: 48379

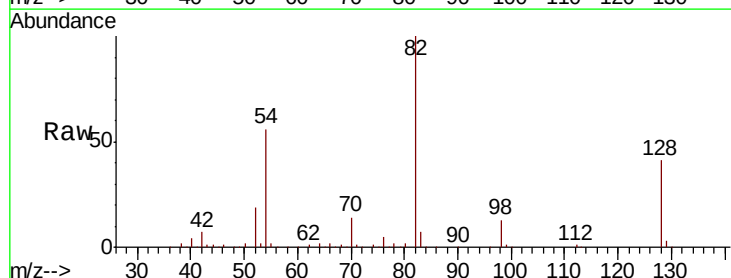
Ion Ratio Lower Upper

70 100

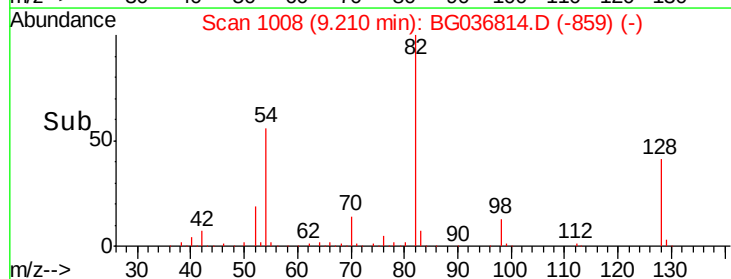
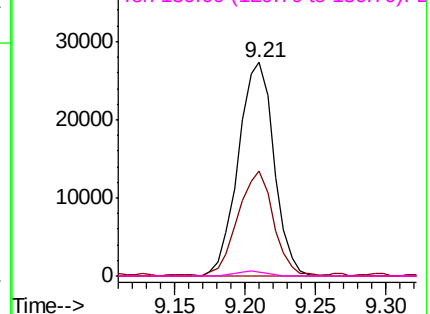
42 49.0 56.2 84.4#

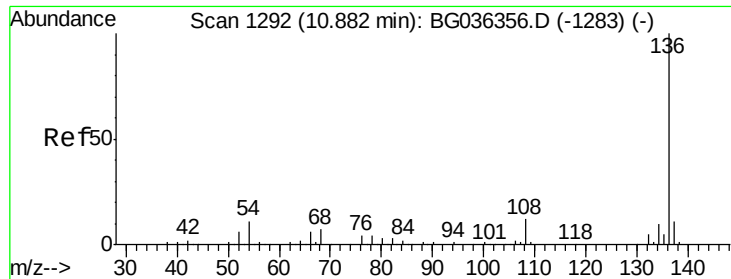
101 0.0 7.8 11.6#

130 2.0 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

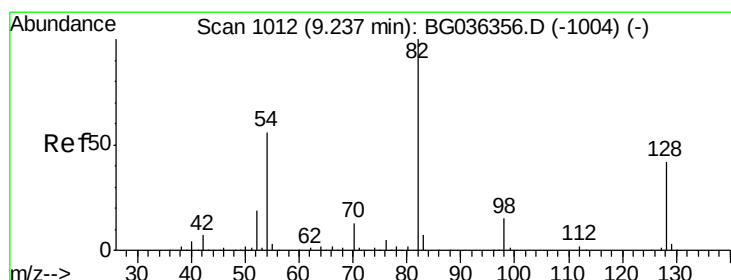
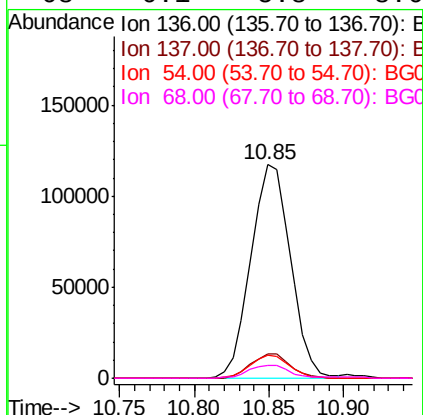
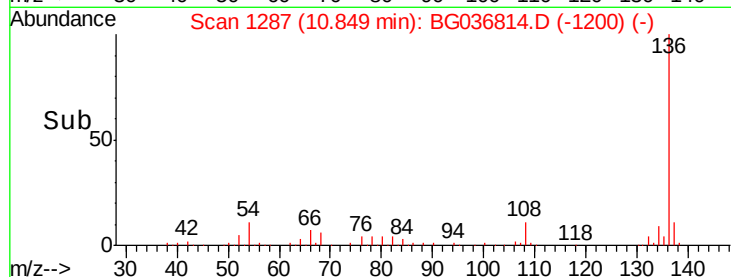
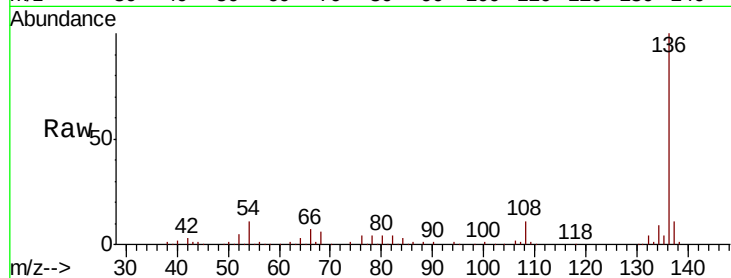




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

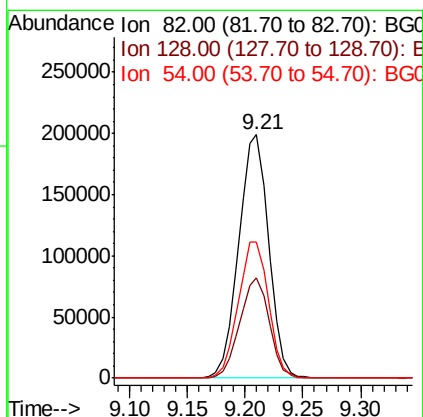
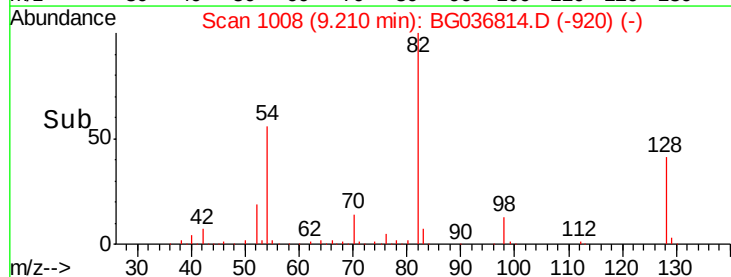
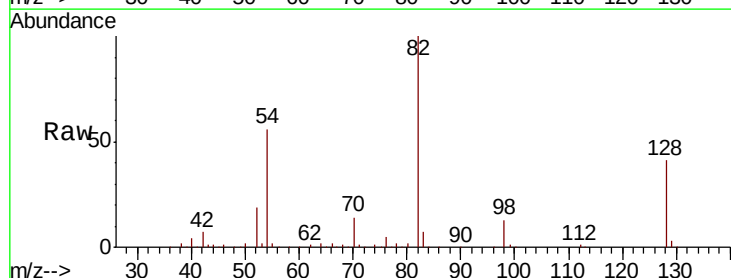
Instrument :
BNA_G
ClientSampleId :

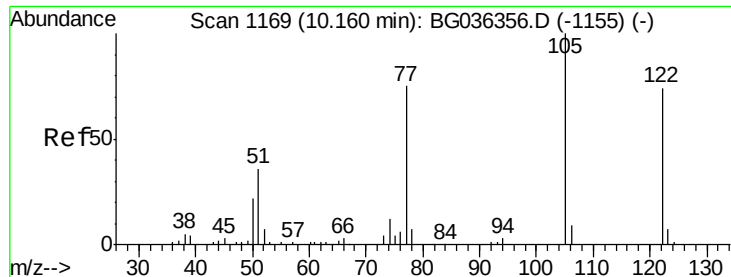
Tot Ion:136	Resp:	215783
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	11.1	9.2 13.8
68	6.1	5.8 8.6



#23
Nitrobenzene-d5
Concen: 90.117 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion: 82	Resp:	358404
Ion Ratio	Lower	Upper
82	100	
128	41.3	33.3 49.9
54	55.8	45.1 67.7

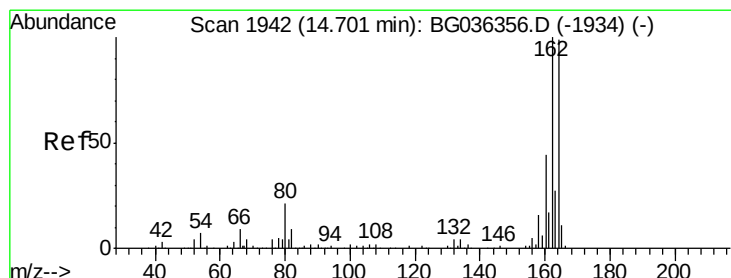
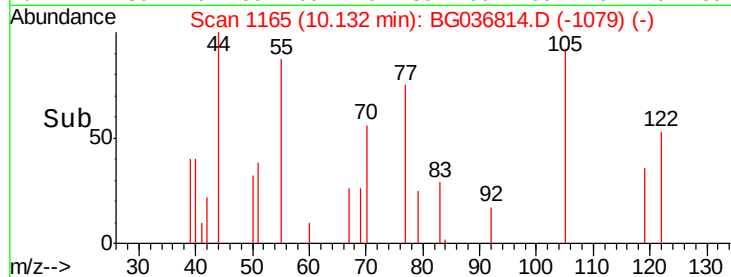
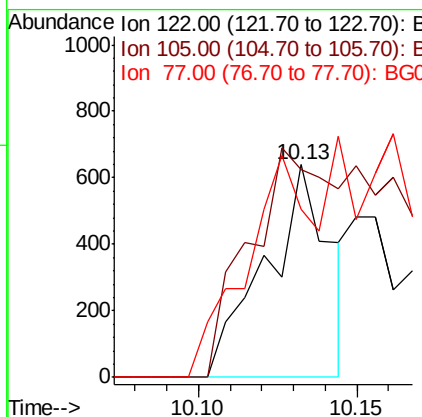
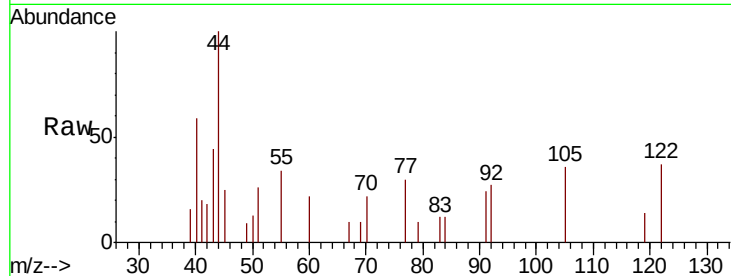




#32
Benzoic acid
Concen: 4.825 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

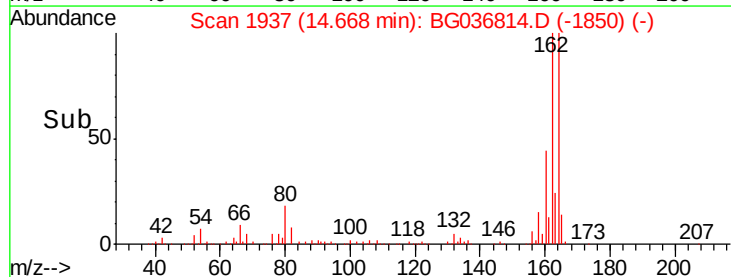
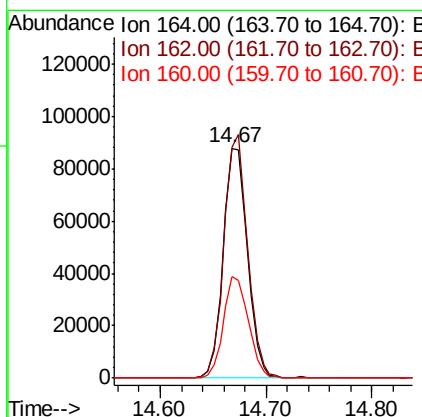
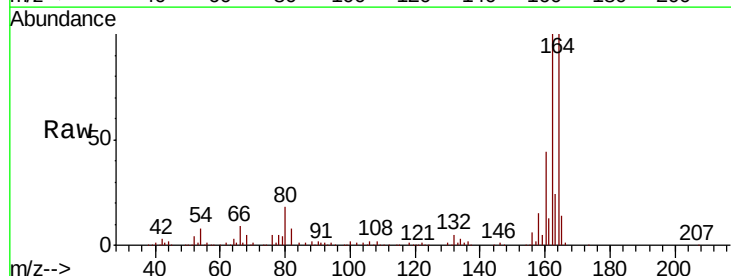
Instrument :
BNA_G
ClientSampled :

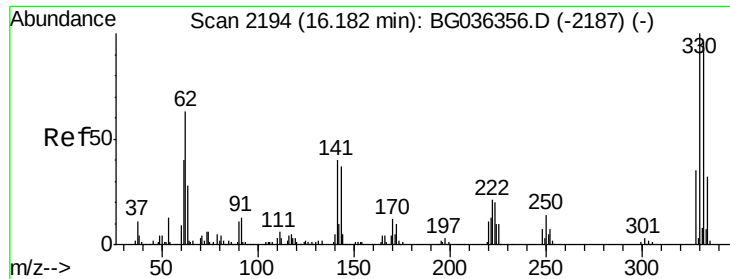
Tot Ion:122 Resp: 890
Ion Ratio Lower Upper
122 100
105 97.7 108.1 148.1#
77 79.1 76.3 116.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:164 Resp: 139936
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 44.3 35.3 52.9

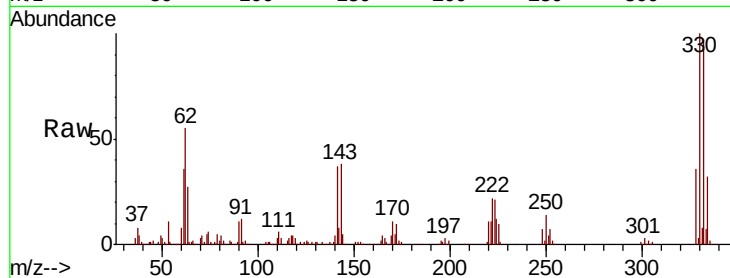




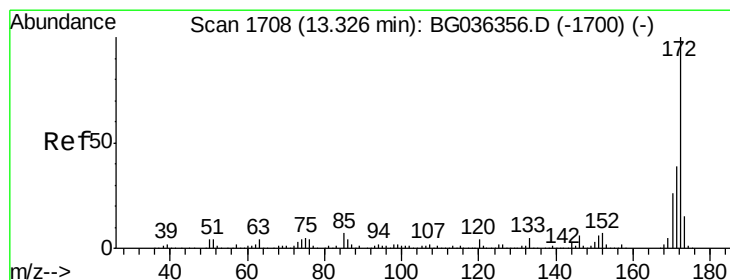
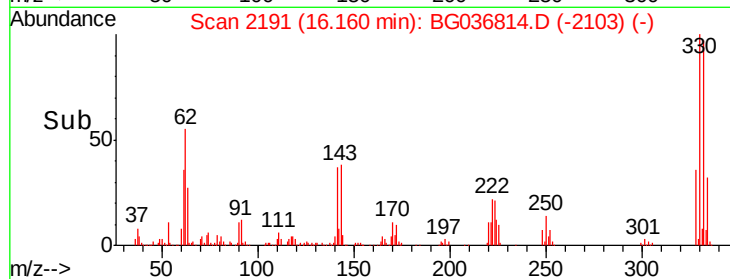
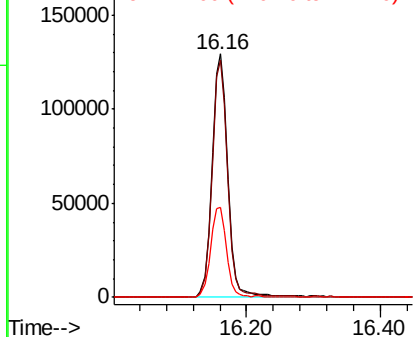
#41
 2,4,6-Tribromophenol
 Concen: 128.946 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	37.4	30.7	46.1

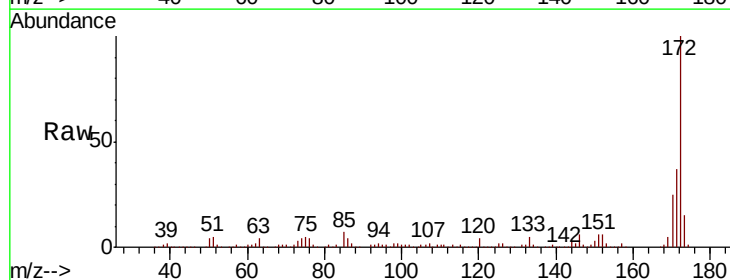


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

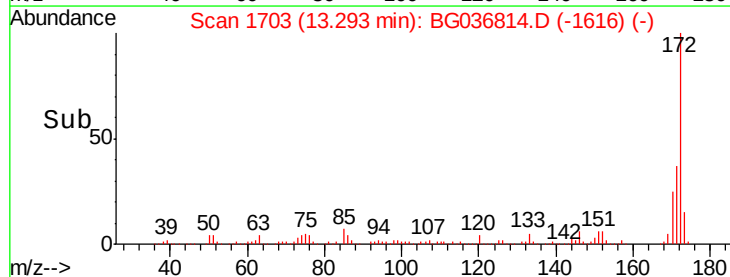
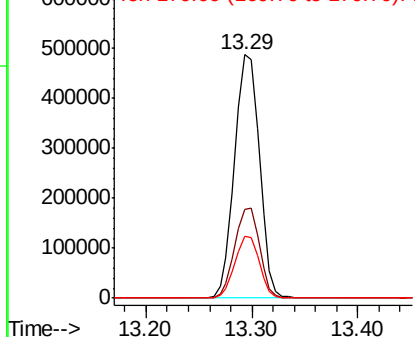


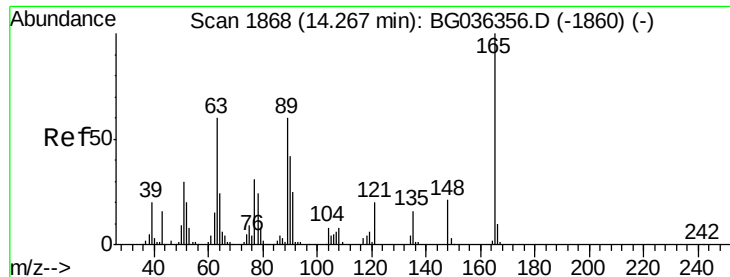
#44
 2-Fluorobiphenyl
 Concen: 81.102 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	25.3	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

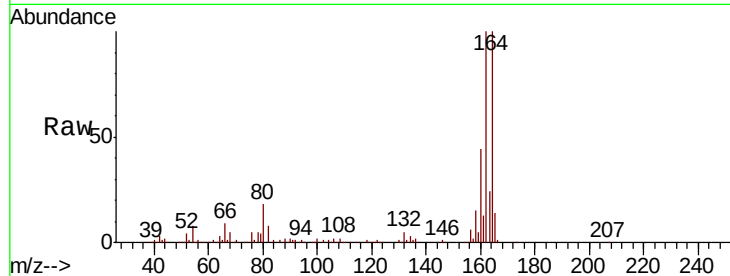




#50
2,6-Dinitrotoluene
Concen: 7.700 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Instrument :
BNA_G
ClientSampleId :

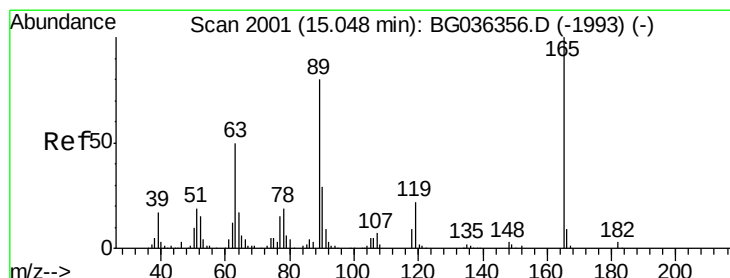
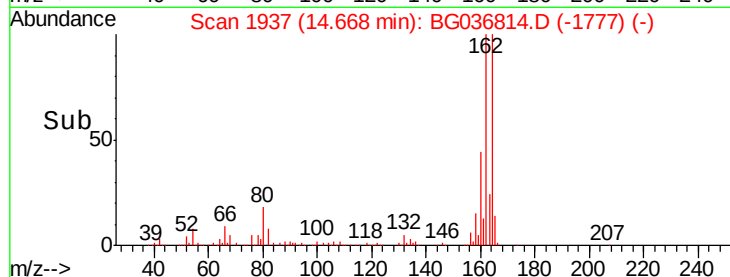
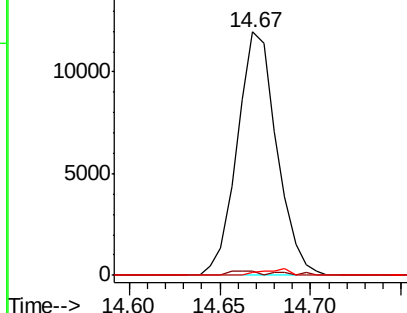
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.1	75.1#
89	1.4	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E

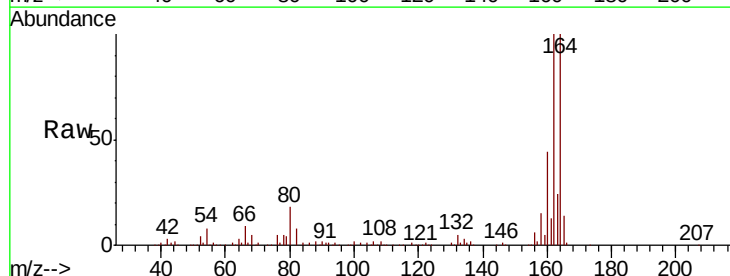
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 5.908 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#

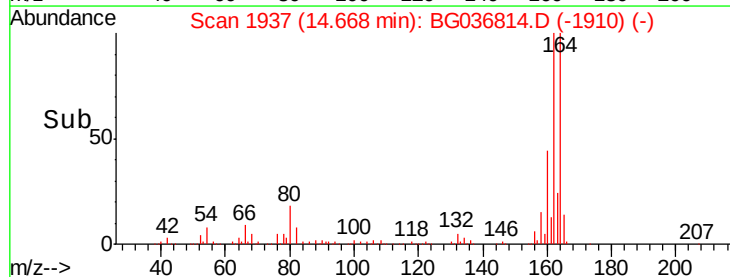
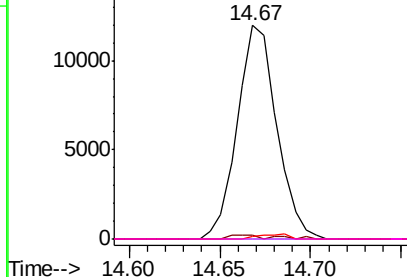


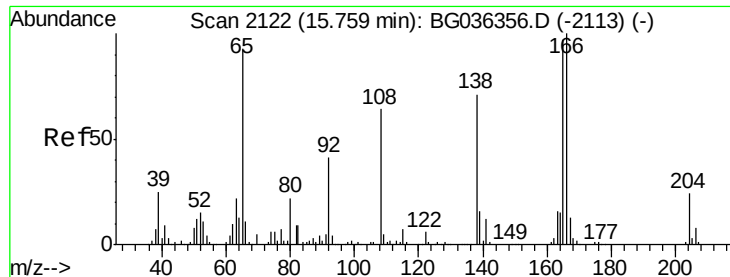
Abundance Ion 165.00 (164.70 to 165.70): E

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

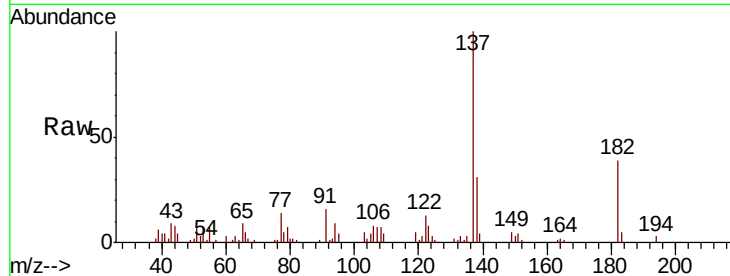




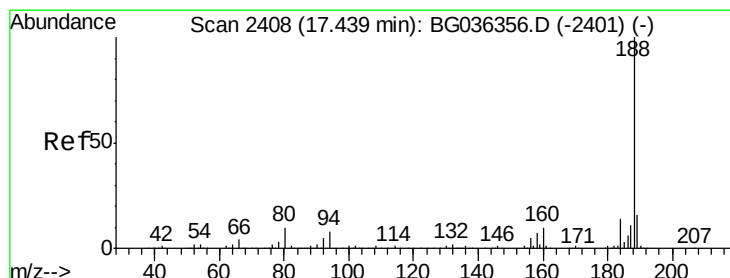
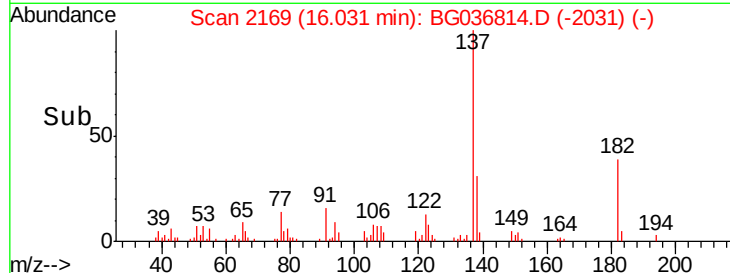
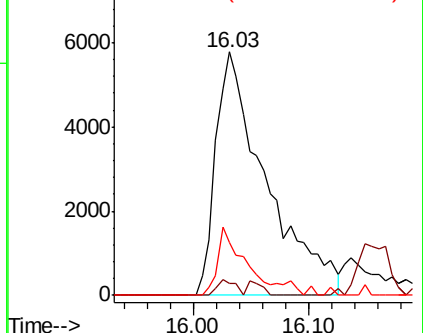
#61
4-Nitroaniline
Concen: 6.589 ng
RT: 16.03 min Scan# 2169
Delta R.T. 0.28 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 17470
Ion Ratio Lower Upper
138 100
92 4.8 38.5 78.5#
108 21.6 70.3 110.3#

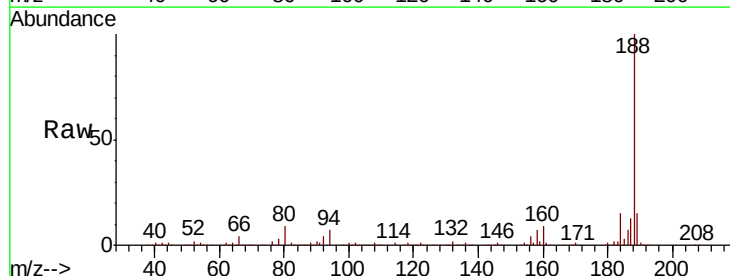


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

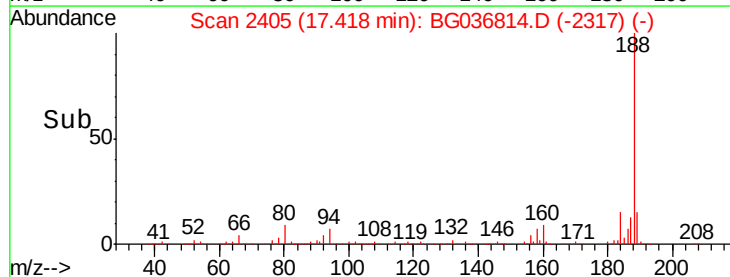
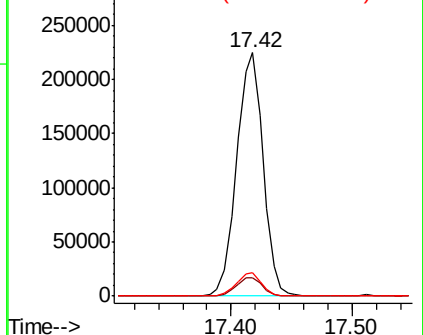


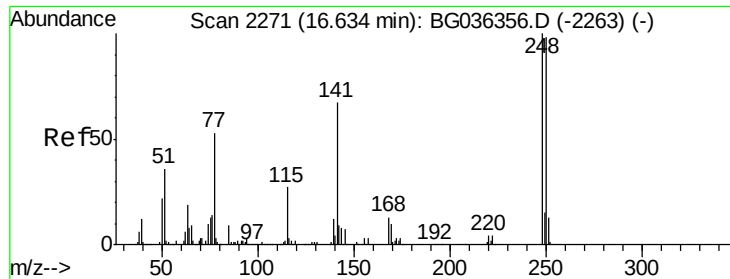
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:188 Resp: 343564
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

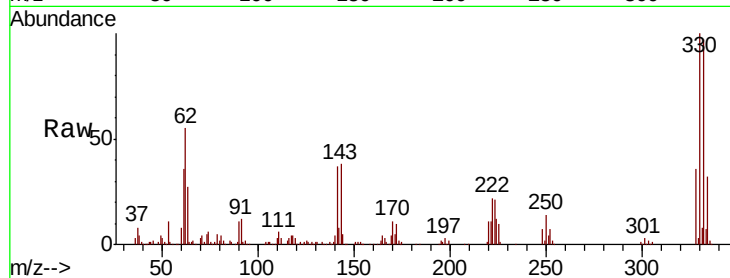




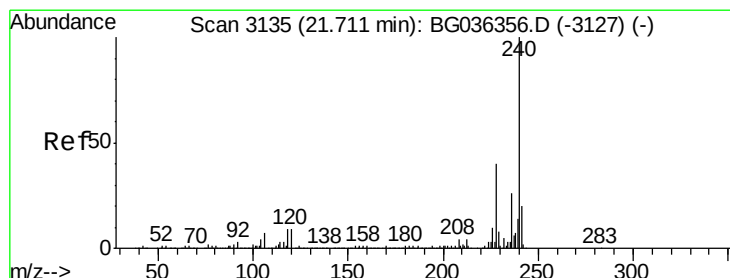
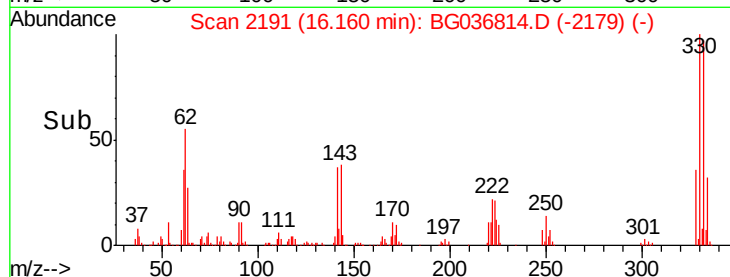
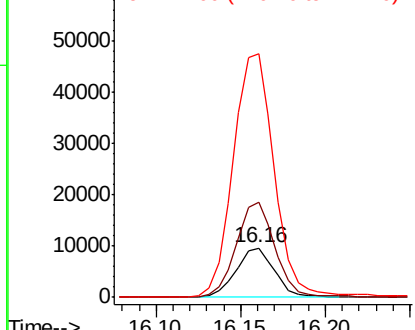
#66
4-Bromophenyl-phenylether
Concen: 3.776 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15190
Ion Ratio Lower Upper
248 100
250 191.4 78.1 117.1#
141 492.4 53.7 80.5#

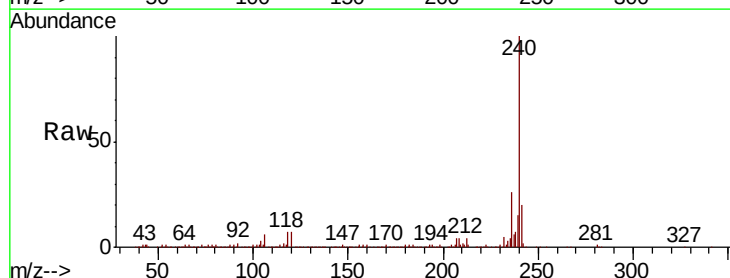


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

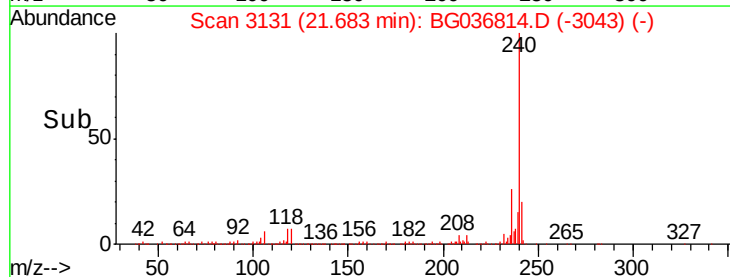
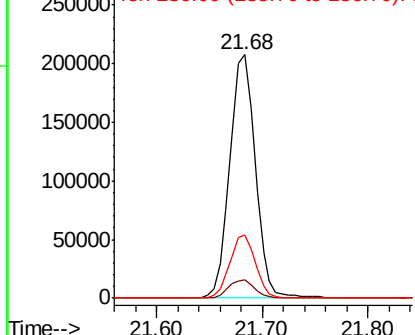


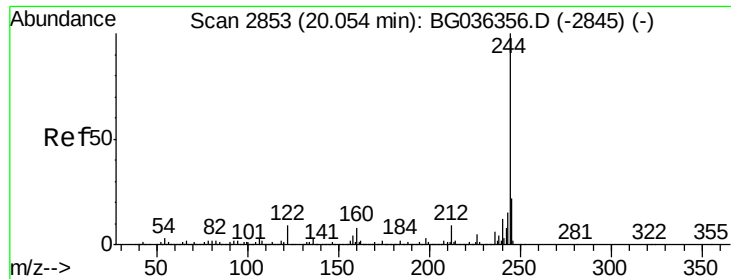
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:240 Resp: 348002
Ion Ratio Lower Upper
240 100
120 7.5 6.9 10.3
236 26.0 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

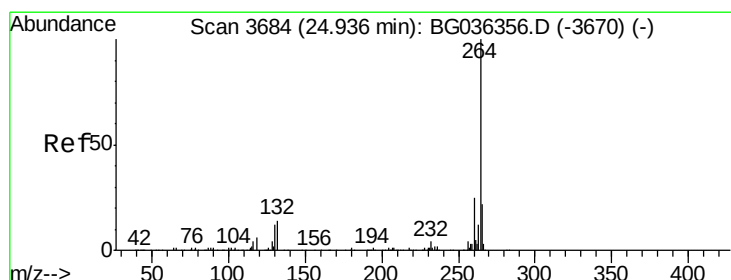
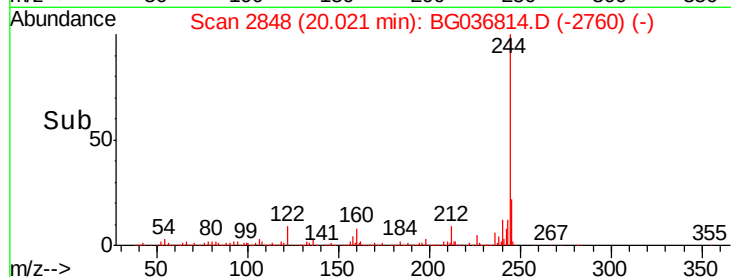
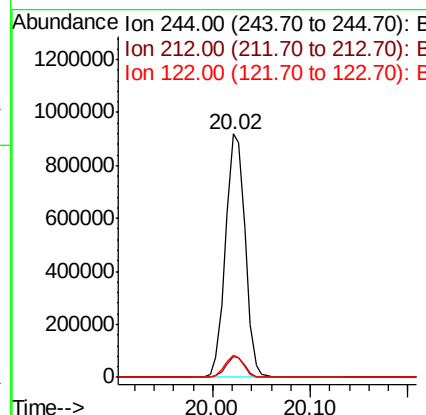
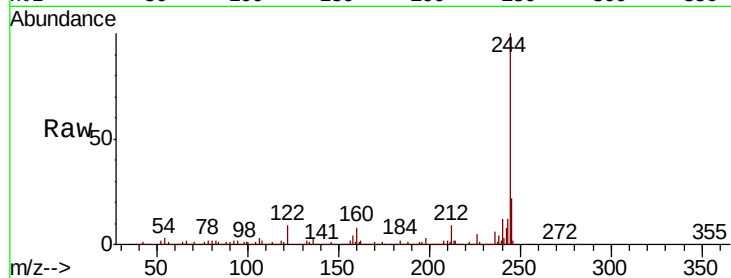




#78
 Terphenyl-d14
 Concen: 85.934 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1279454
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Tgt Ion:264 Resp: 348403
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.1 17.4 26.0

