

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036819.D
 Acq On : 19 Sep 2018 13:20
 Operator : JU/SJ
 Sample : J4956-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 14:06:28 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

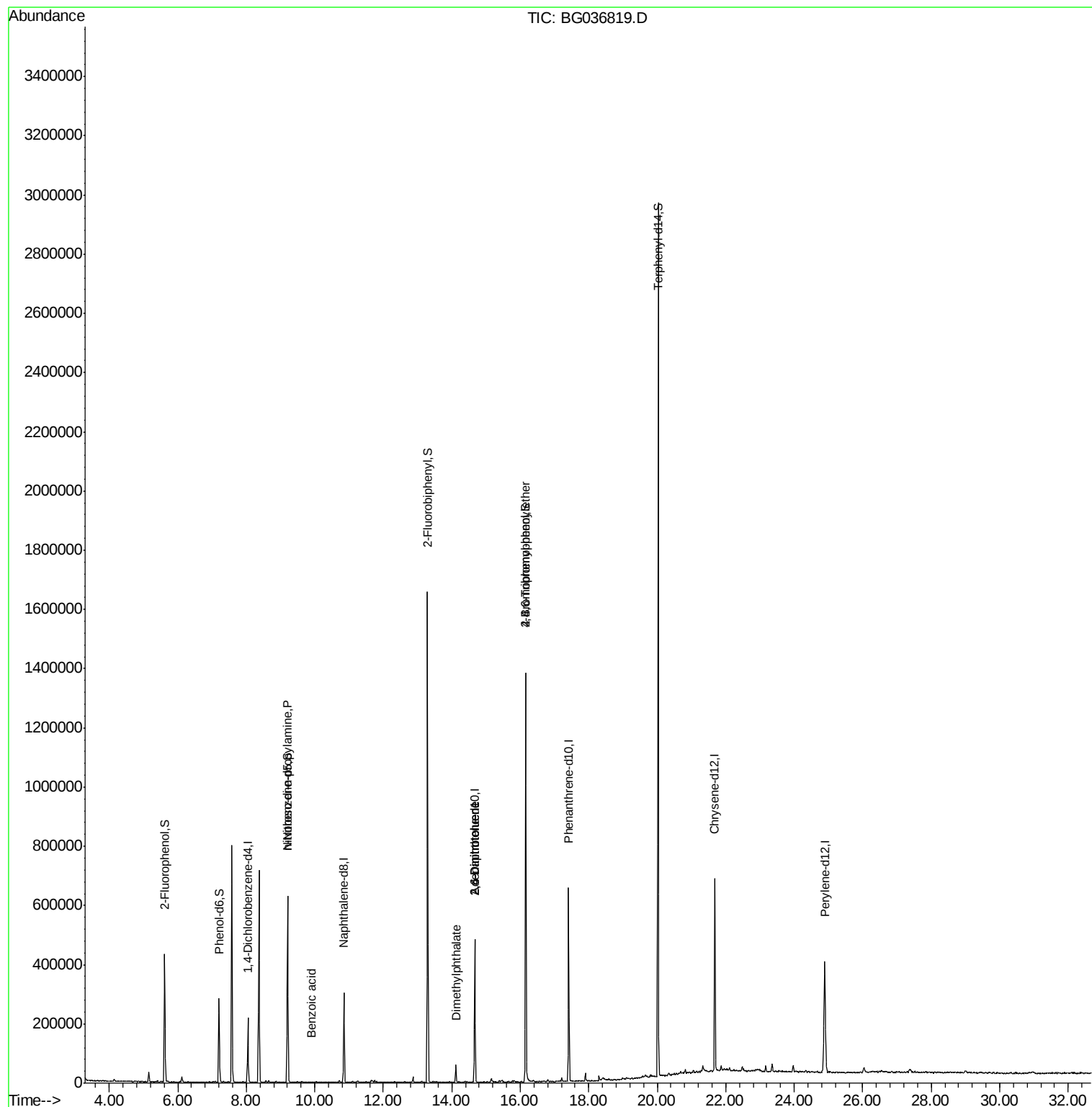
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60776	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	251741	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	168818	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	414118	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	408339	20.00	ng	-0.02
86) Perylene-d12	24.89	264	417690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187312	48.89	ng	-0.01
7) Phenol-d6	7.20	99	161820	29.50	ng	-0.02
23) Nitrobenzene-d5	9.21	82	389001	83.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	262219	130.17	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	871471	73.71	ng	-0.02
78) Terphenyl-d14	20.03	244	1375739	78.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52053	12.697	ng	# 71
32) Benzoic acid	9.92	122	173	4.537	ng	# 1
49) Dimethylphthalate	14.12	163	39529	2.868	ng	98
50) 2,6-Dinitrotoluene	14.67	165	21283	7.503	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	21283	5.757	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	18937	3.906	ng	# 1

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

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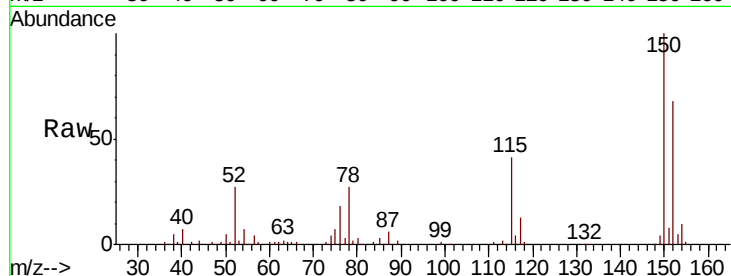


#1

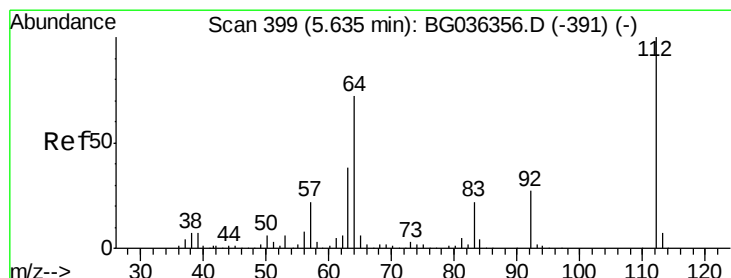
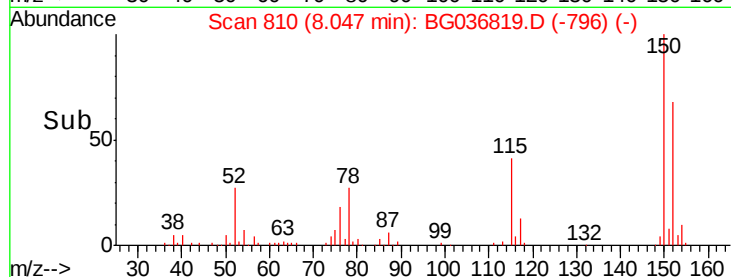
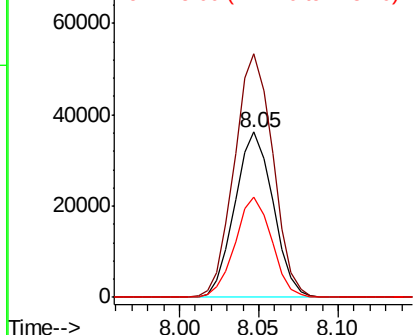
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	60.4	44.5	66.7



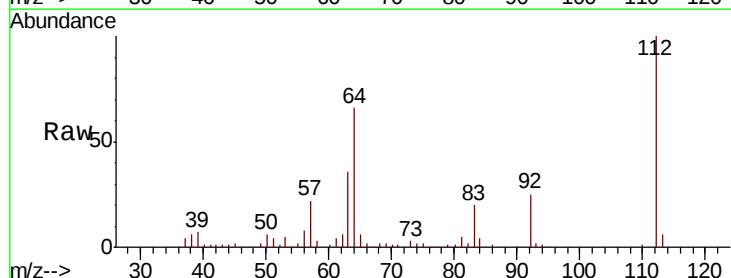
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



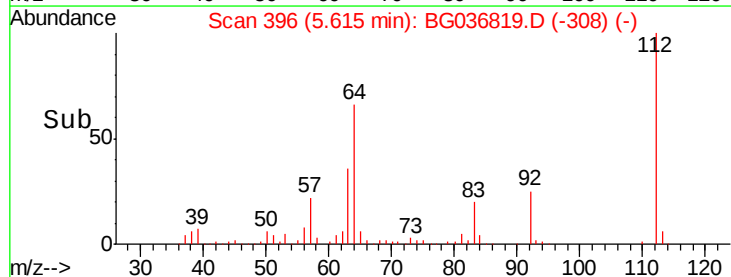
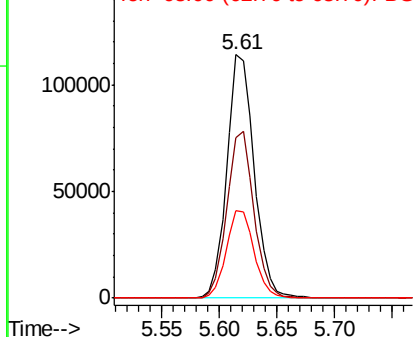
#5

2-Fluorophenol
 Concen: 48.890 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.500 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Instrument :

BNA_G

ClientSampleId :

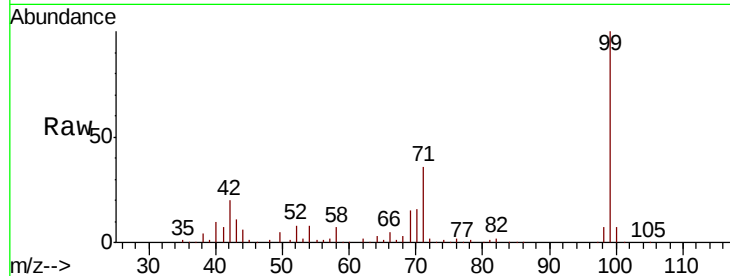
Tot Ion: 99 Resp: 161820

Ion Ratio Lower Upper

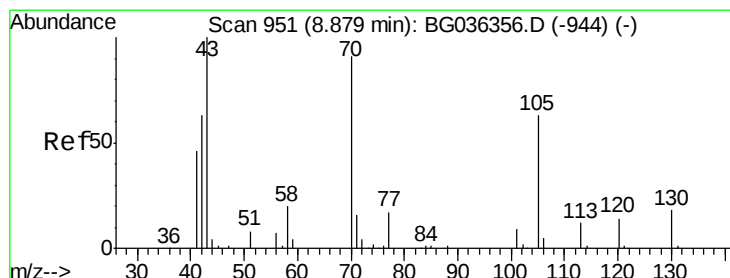
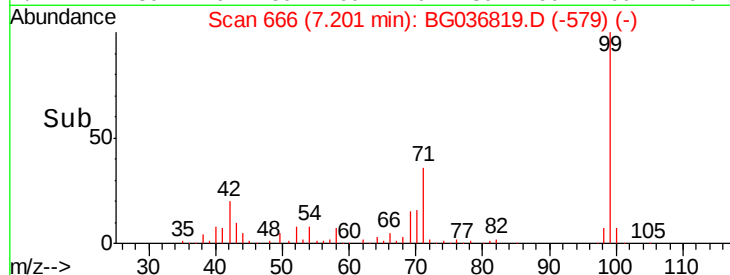
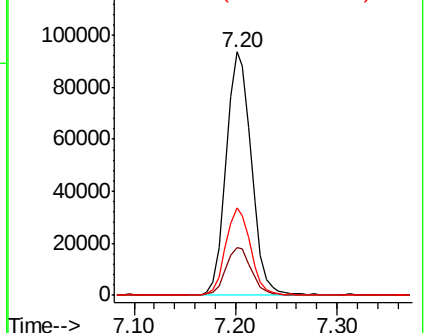
99 100

42 19.8 16.5 24.7

71 35.8 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: 12.697 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Tgt Ion: 70 Resp: 52053

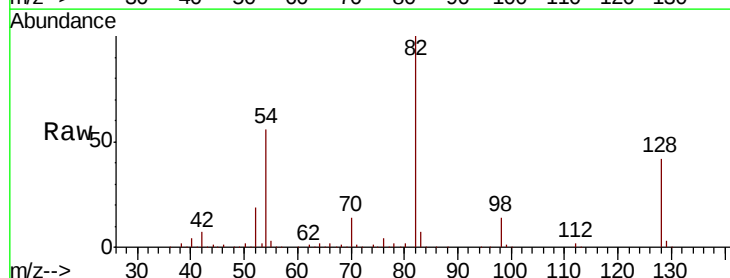
Ion Ratio Lower Upper

70 100

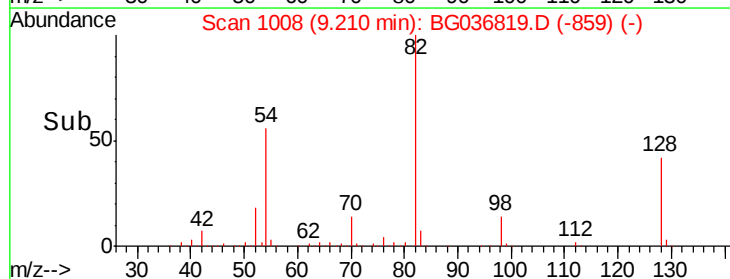
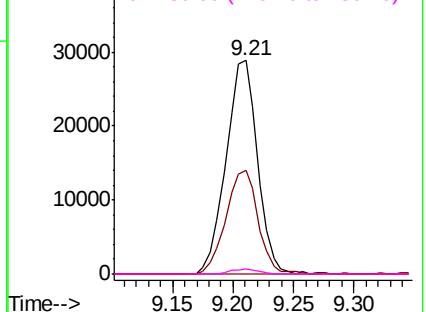
42 48.4 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 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

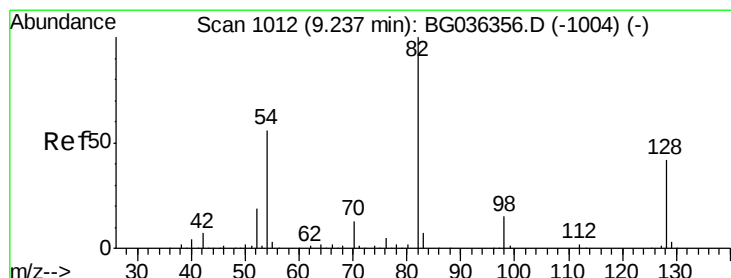
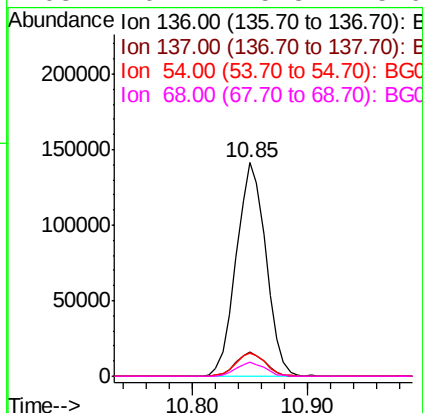
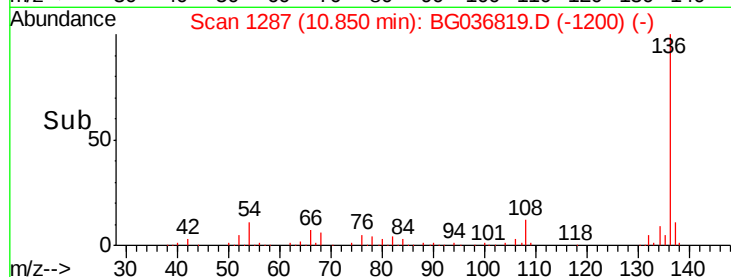
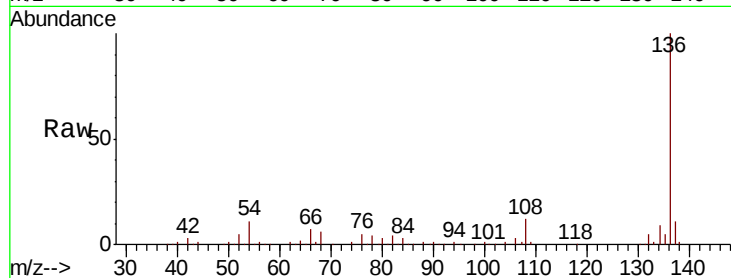




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

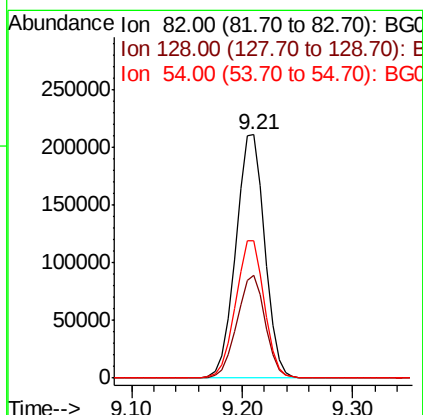
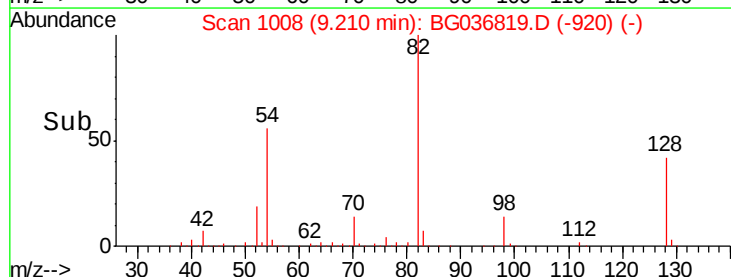
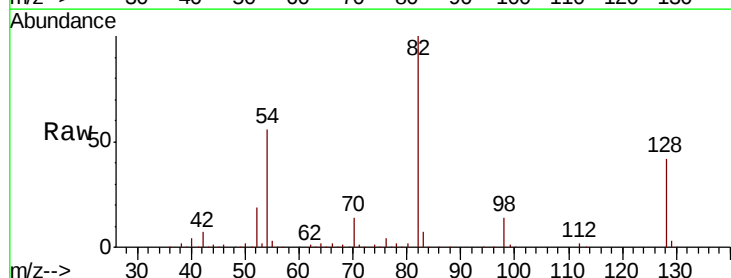
Instrument :
BNA_G
ClientSampleId :

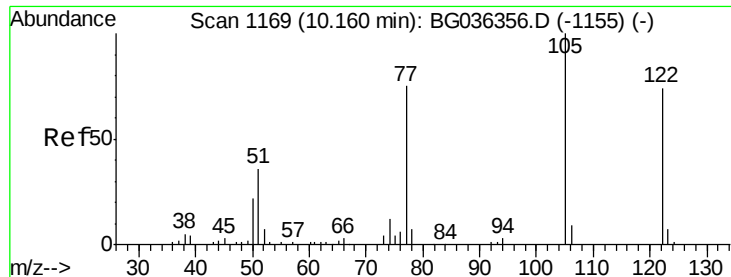
Tot Ion:136	Resp:	251741
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	10.8	9.2 13.8
68	6.4	5.8 8.6



#23
Nitrobenzene-d5
Concen: 83.840 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

Tgt Ion: 82	Resp:	389001
Ion Ratio	Lower	Upper
82	100	
128	42.2	33.3 49.9
54	56.4	45.1 67.7

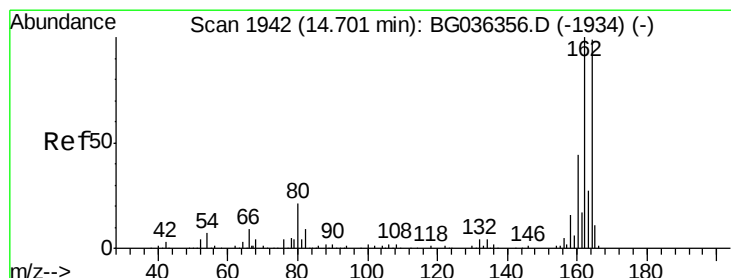
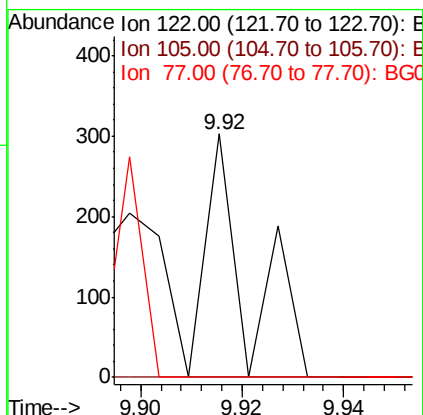
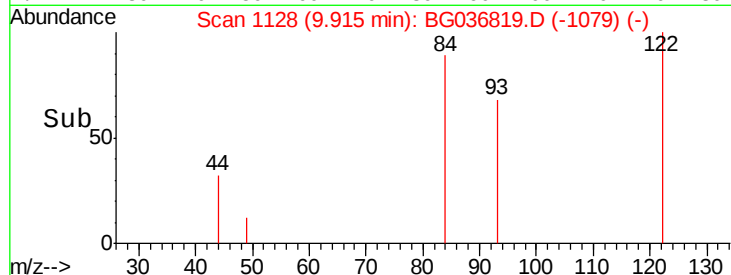
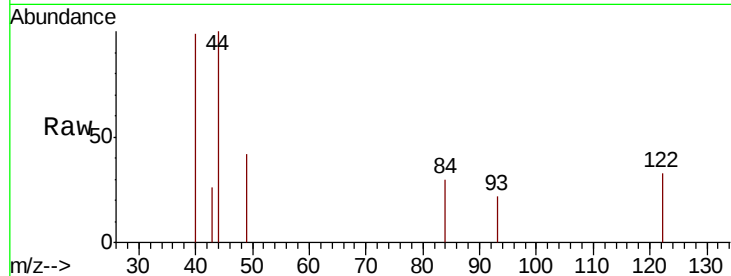




#32
Benzoic acid
Concen: 4.537 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.24 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

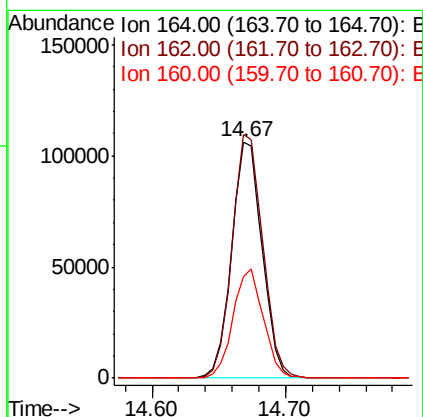
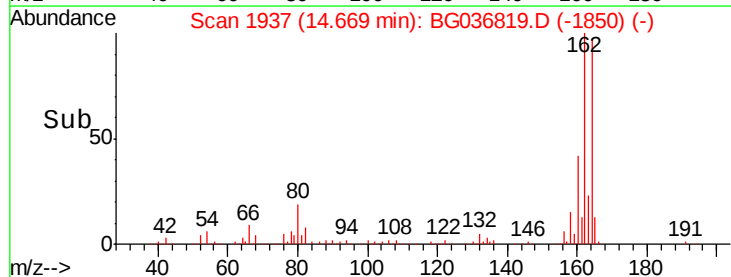
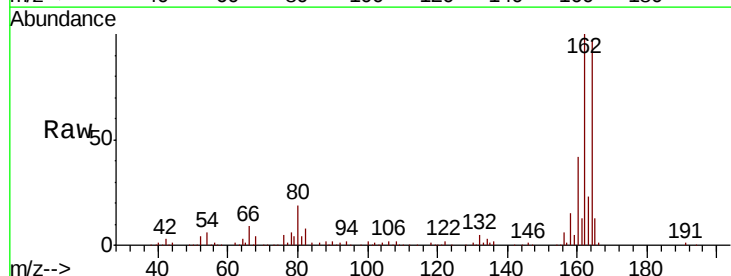
Instrument :
BNA_G
ClientSampleId :

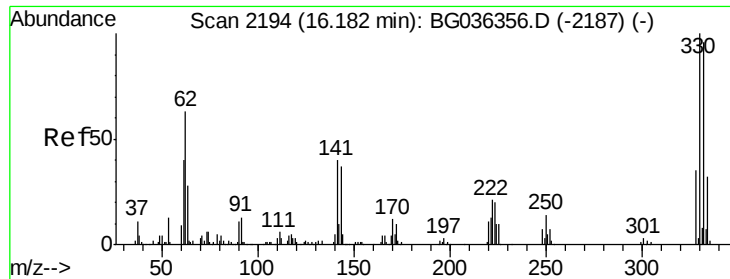
Tot Ion:122 Resp: 173
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

Tgt Ion:164 Resp: 168818
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 43.2 35.3 52.9

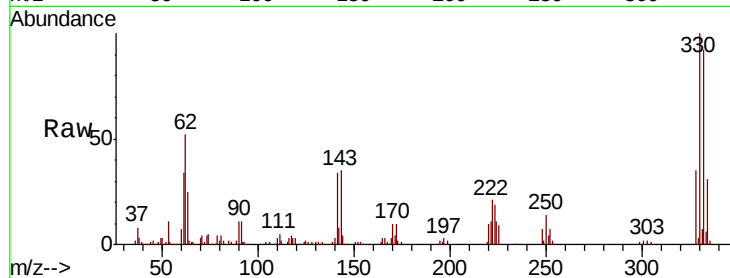




#41
 2,4,6-Tribromophenol
 Concen: 130.174 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.1	30.7	46.1

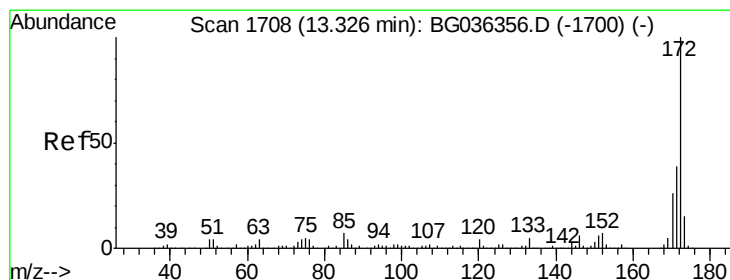
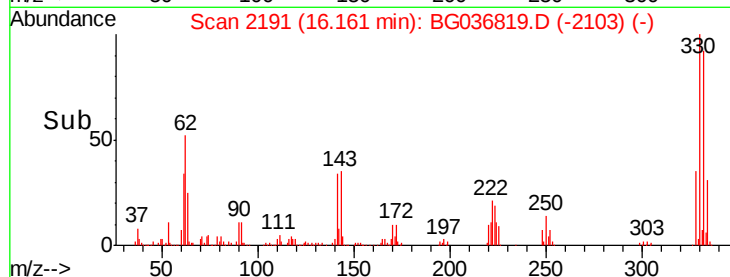
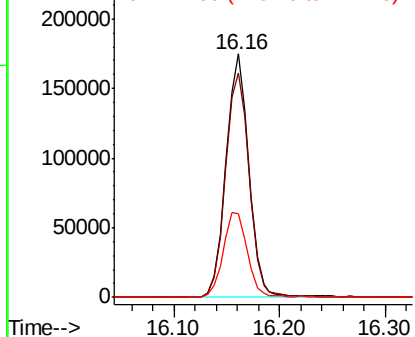


Abundance

Ion 329.80 (329.50 to 330.50): E

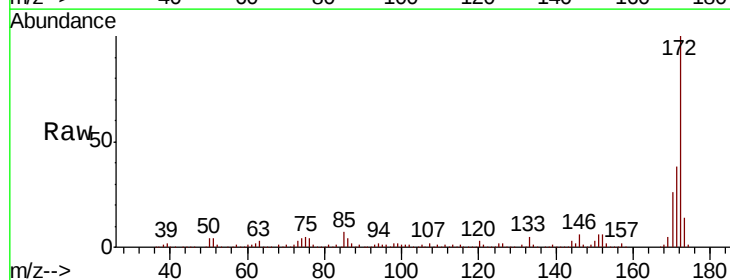
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.707 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.6	21.0	31.6

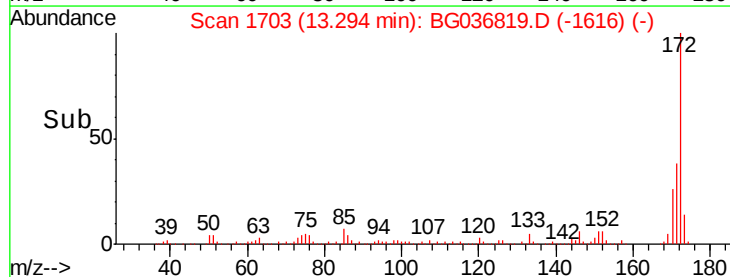
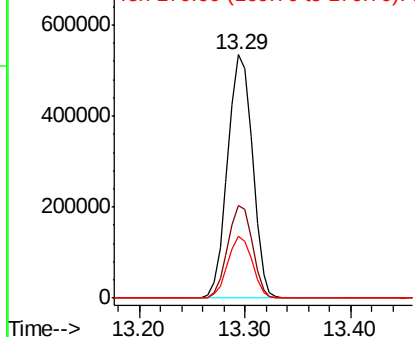


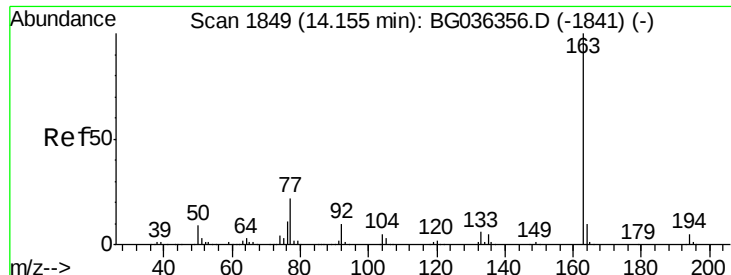
Abundance

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





#49

Dimethylphthalate

Concen: 2.868 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Instrument :

BNA_G

ClientSampleId :

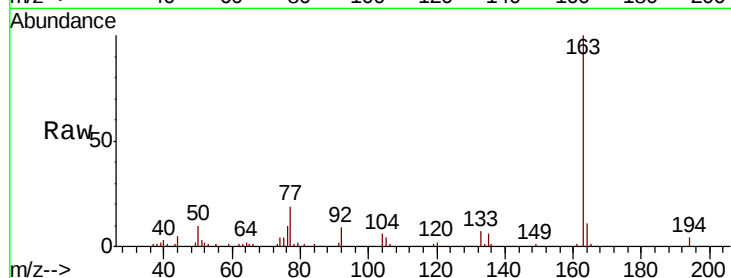
Tot Ion:163 Resp: 39529

Ion Ratio Lower Upper

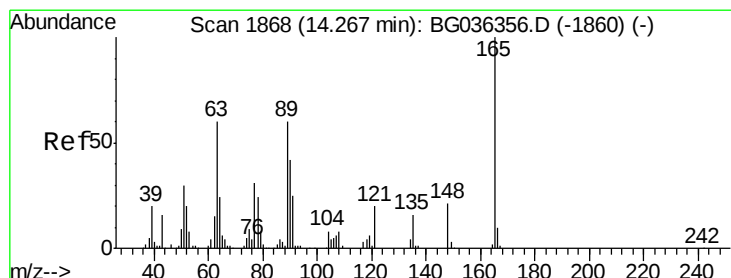
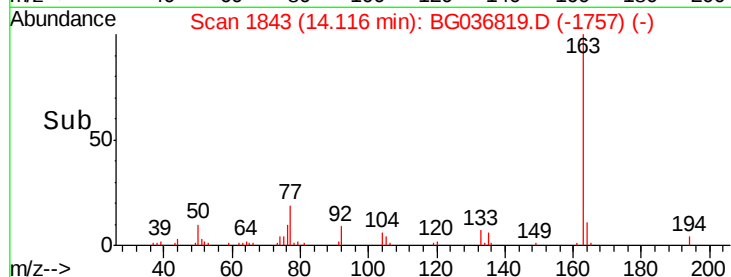
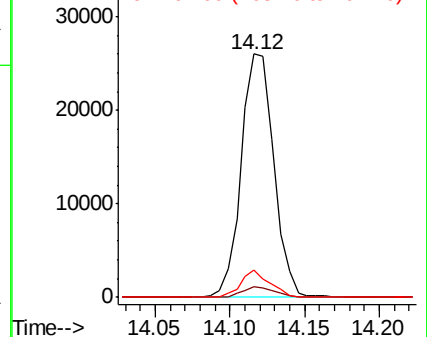
163 100

194 4.3 4.0 6.0

164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.503 ng

RT: 14.67 min Scan# 1937

Delta R.T. 0.41 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

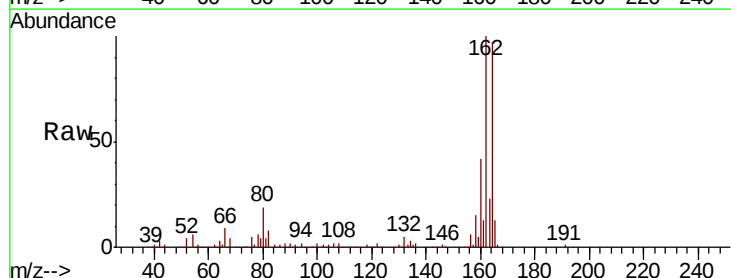
Tgt Ion:165 Resp: 21283

Ion Ratio Lower Upper

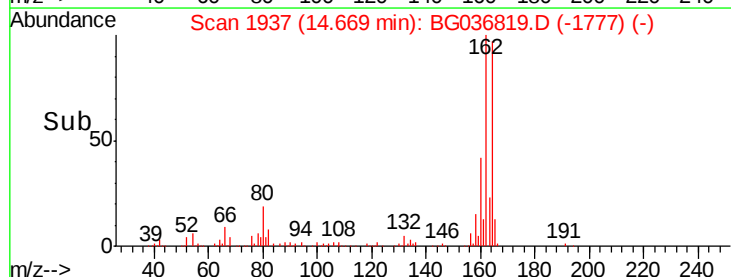
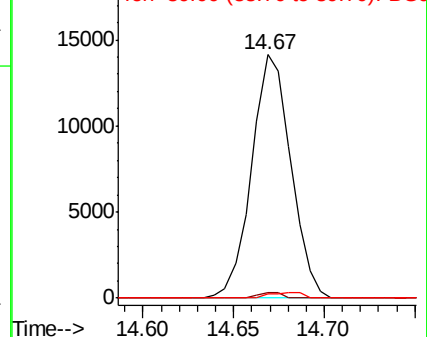
165 100

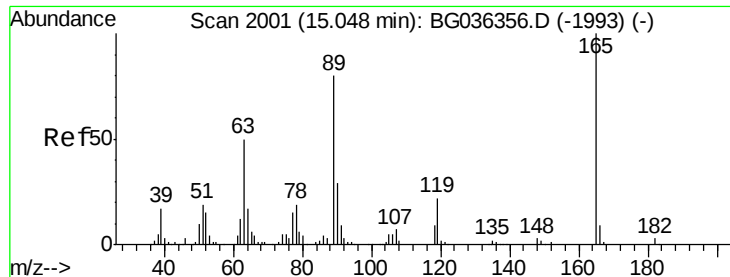
63 2.4 50.1 75.1#

89 2.0 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

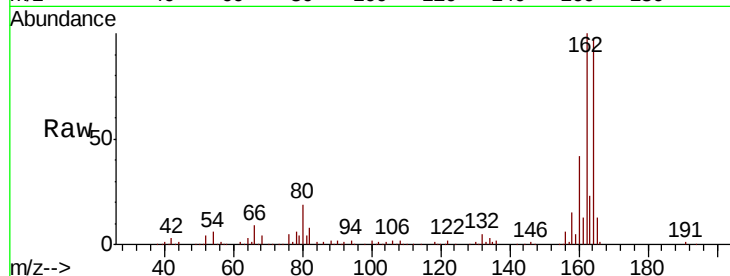




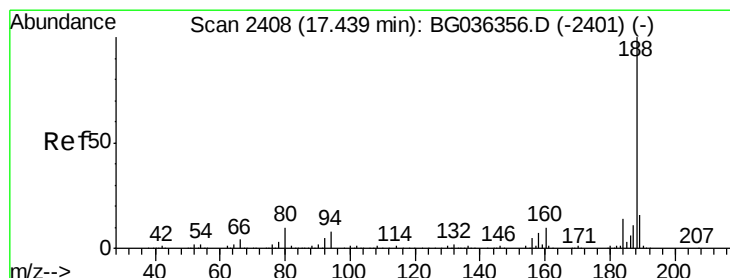
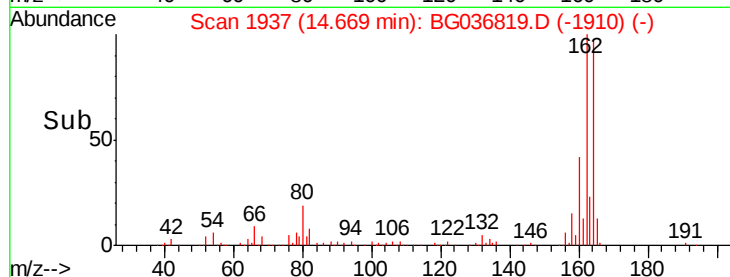
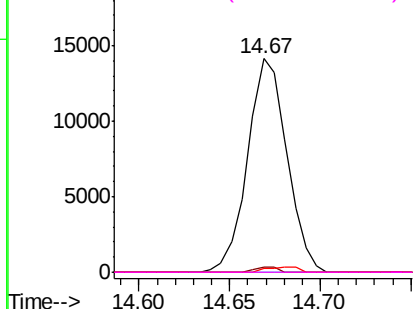
#56
 2,4-Dinitrotoluene
 Concen: 5.757 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21283
 Ion Ratio Lower Upper
 165 100
 63 2.4 40.1 60.1#
 89 2.0 63.7 95.5#
 182 0.0 2.5 3.7#

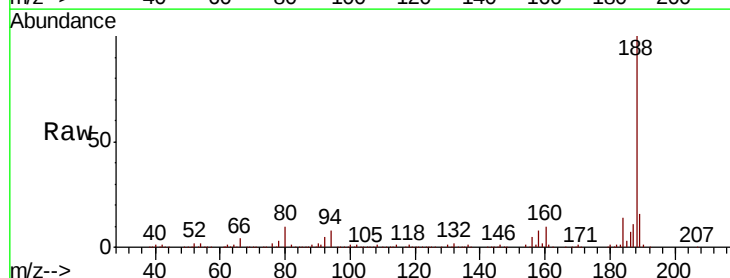


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

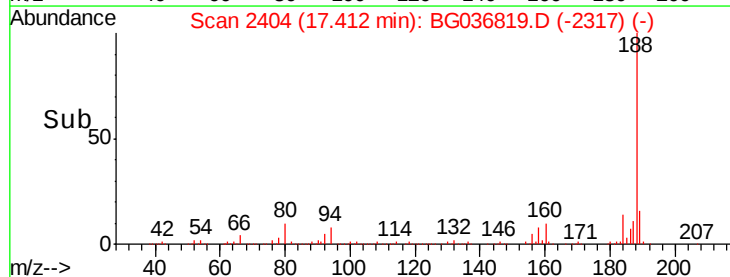
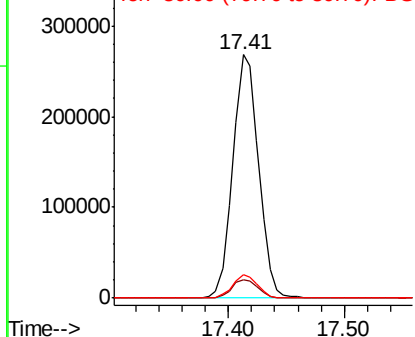


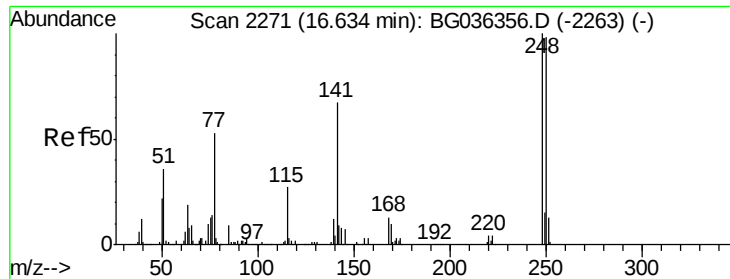
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion:188 Resp: 414118
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.7 10.1
 80 9.6 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

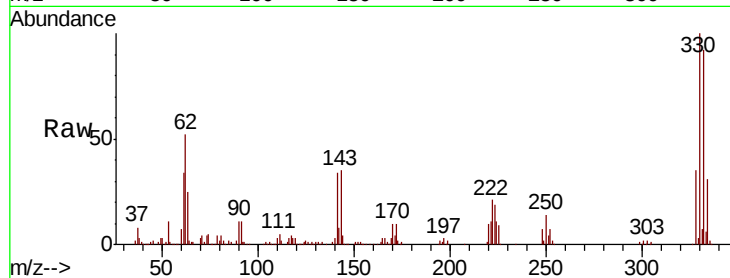




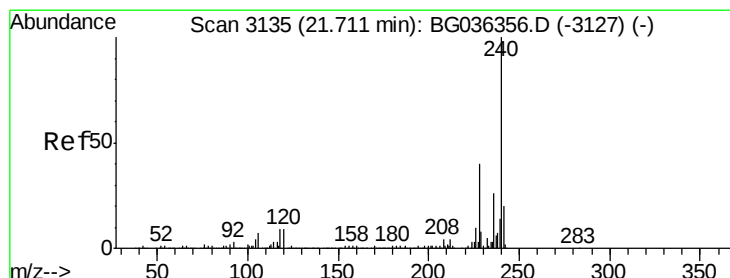
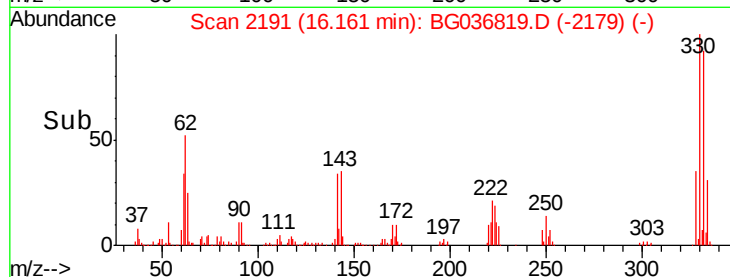
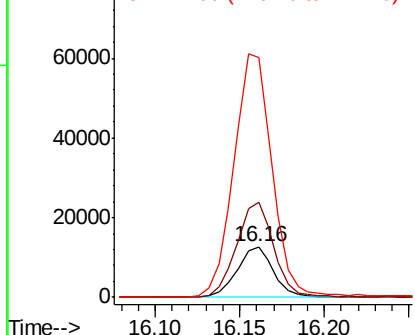
#66
 4-Bromophenyl-phenylether
 Concen: 3.906 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18937
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.1 117.1#
 141 475.2 53.7 80.5#

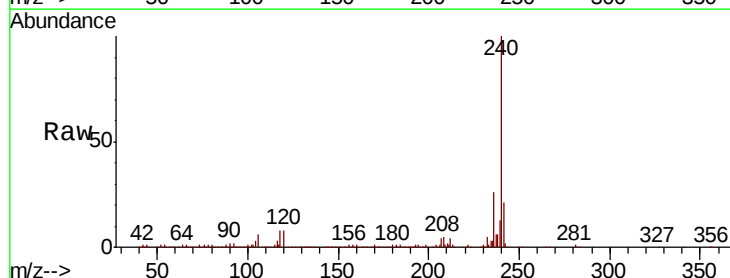


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

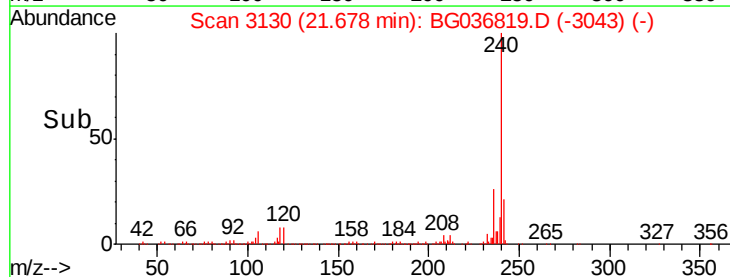
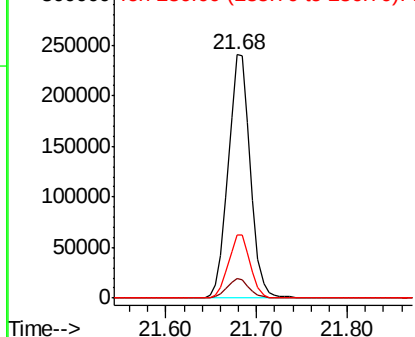


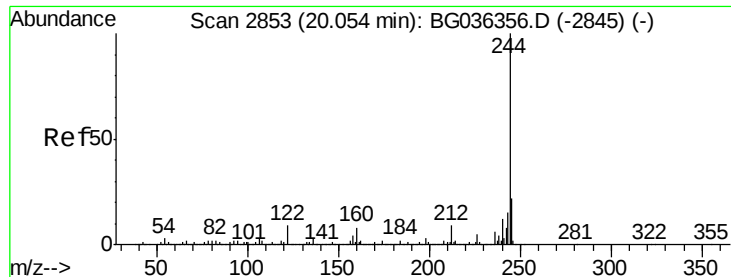
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion:240 Resp: 408339
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.1 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: 78.748 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Instrument :

BNA_G

ClientSampled :

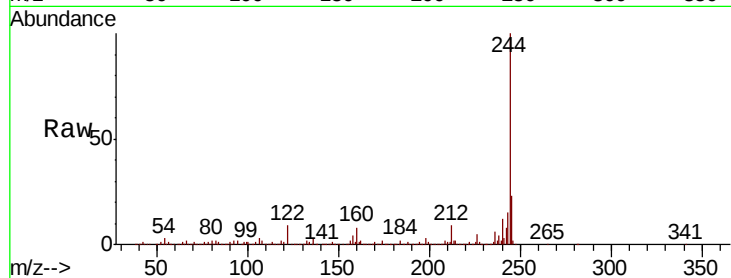
Tot Ion:244 Resp: 1375739

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.8 7.0 10.6

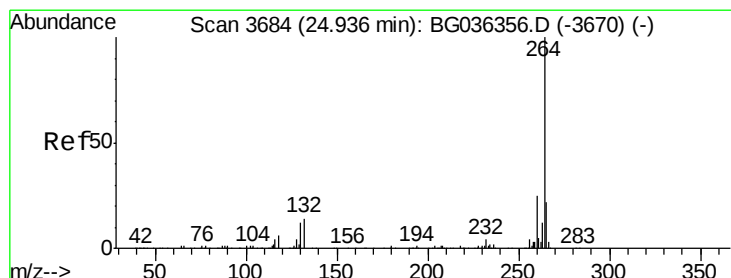
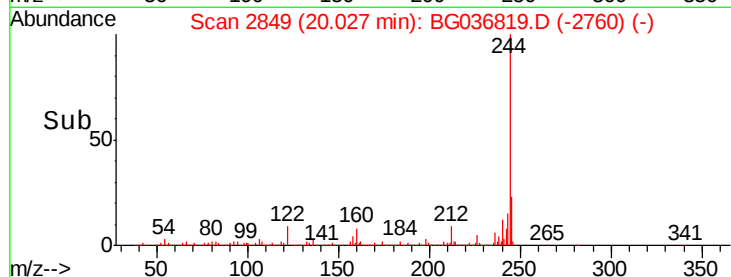
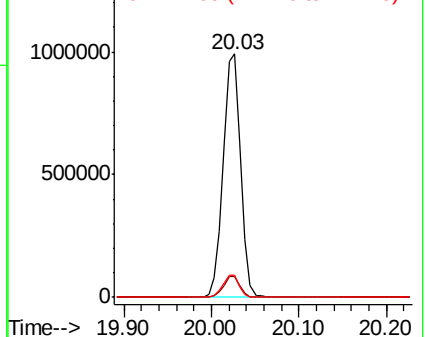
122 8.9 7.1 10.7



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# 3677

Delta R.T. -0.01 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

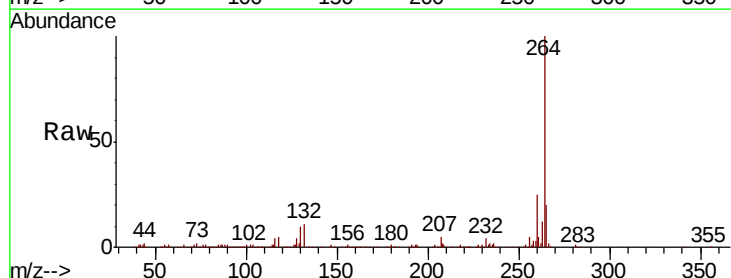
Tgt Ion:264 Resp: 417690

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	20.1	17.4	26.0

264 100

260 24.7 19.6 29.4

265 20.1 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

