

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036519.D
 Acq On : 1 Sep 2018 00:20
 Operator : JU/SJ
 Sample : J4725-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 01:04:38 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

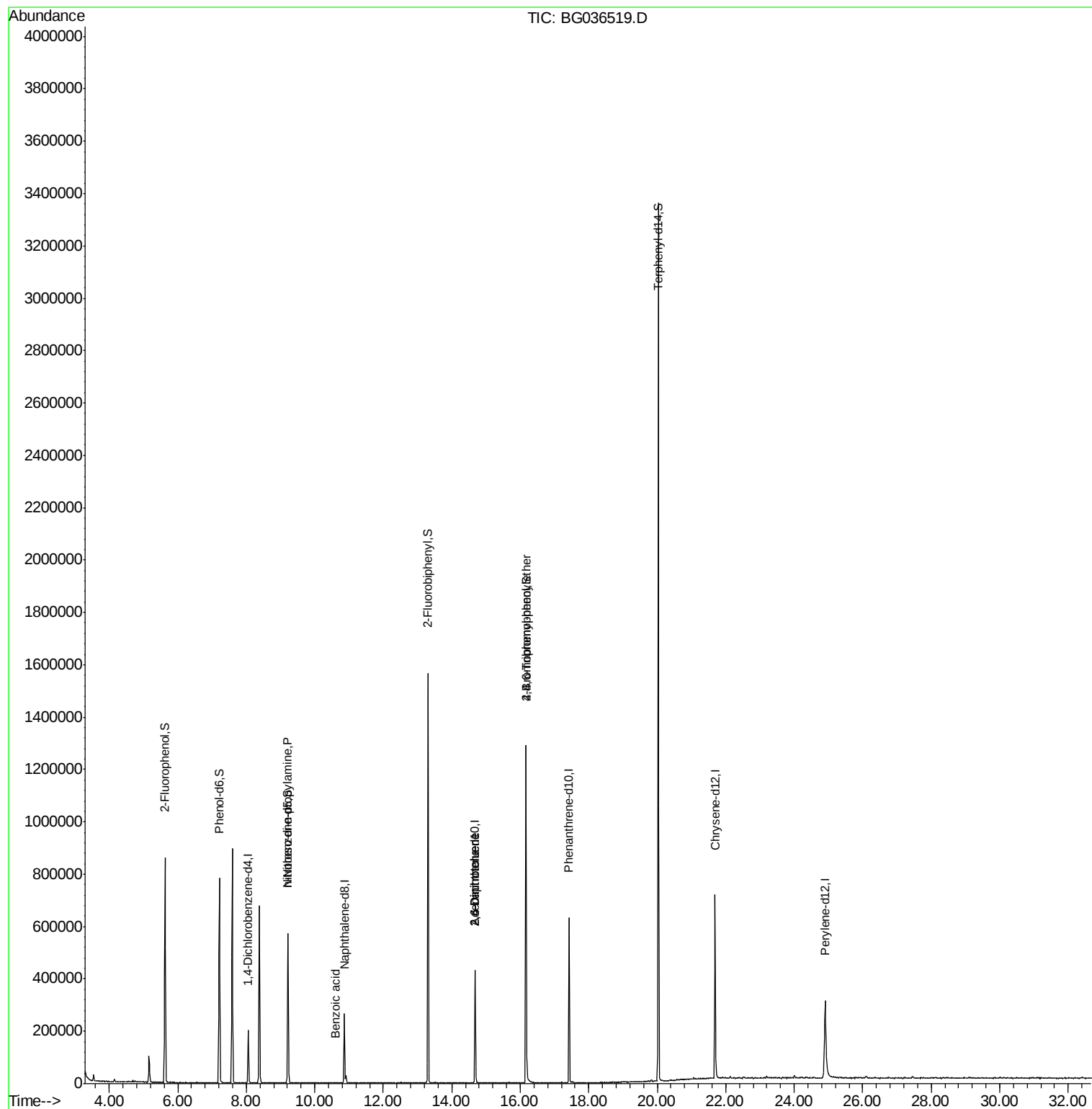
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56509	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	226257	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	150201	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	408332	20.00	ng	0.00
75) Chrysene-d12	21.69	240	436031	20.00	ng	0.00
86) Perylene-d12	24.90	264	402665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	364612	102.35	ng	0.00
7) Phenol-d6	7.21	99	452453	88.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	350930	84.15	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	245347	136.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	813350	77.32	ng	0.00
78) Terphenyl-d14	20.03	244	1516549	81.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44284	11.618	ng	# 73
32) Benzoic acid	10.61	122	56	4.500	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	19700	7.806	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19700	5.989	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17321	3.623	ng	# 1

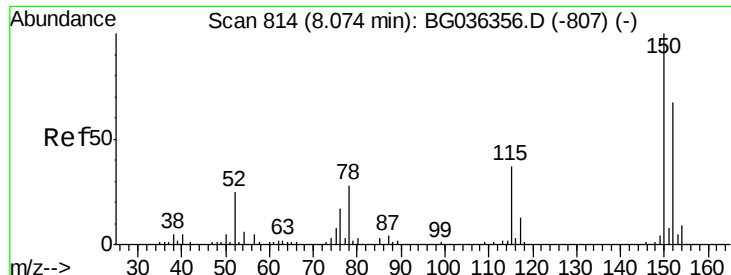
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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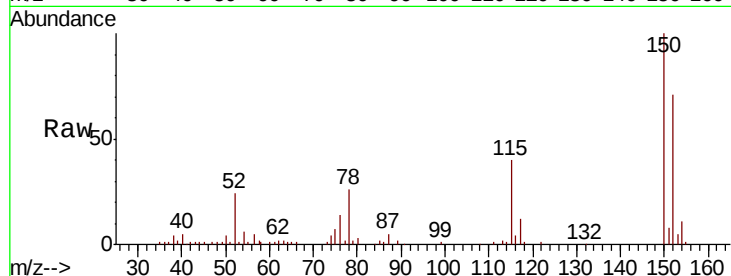




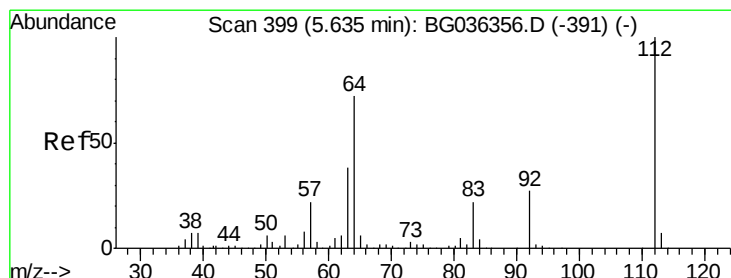
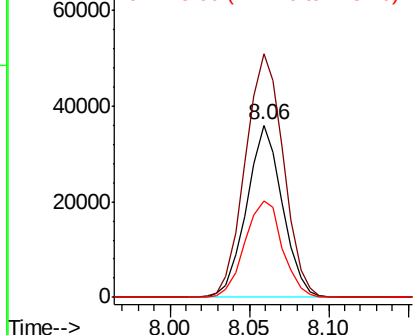
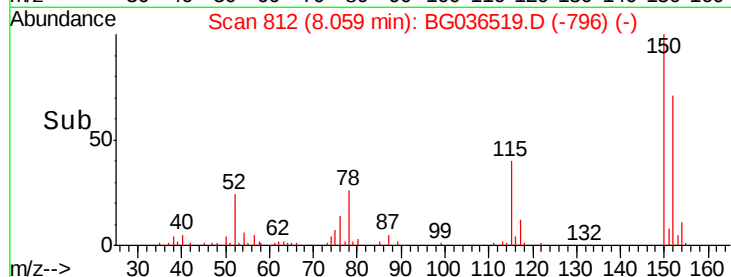
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56509
 Ion Ratio Lower Upper
 152 100
 150 141.6 119.5 179.3
 115 56.0 44.5 66.7

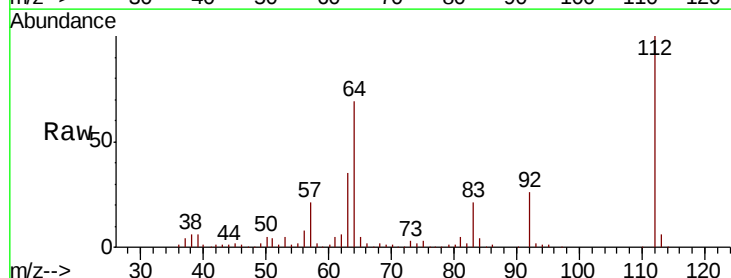


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

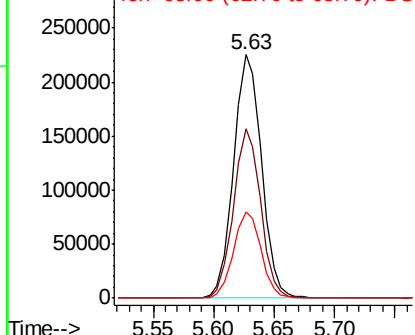
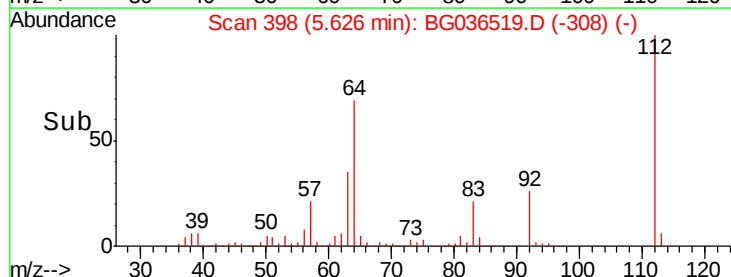


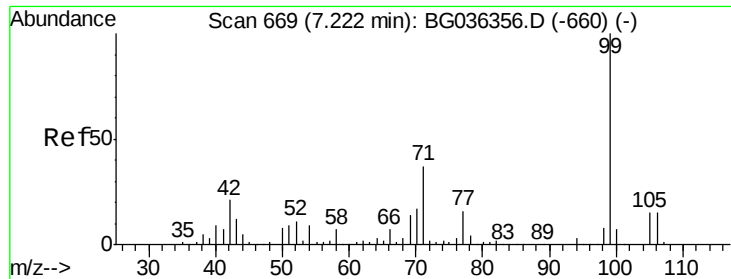
#5
 2-Fluorophenol
 Concen: 102.352 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Tgt Ion:112 Resp: 364612
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.2 85.8
 63 35.4 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: 88.710 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

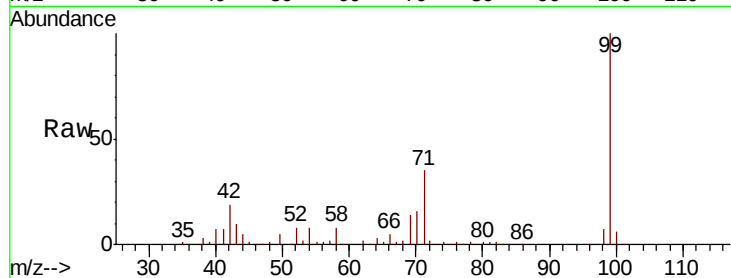
Tot Ion: 99 Resp: 452453

Ion Ratio Lower Upper

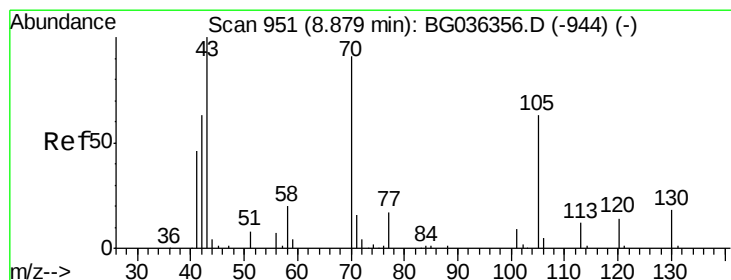
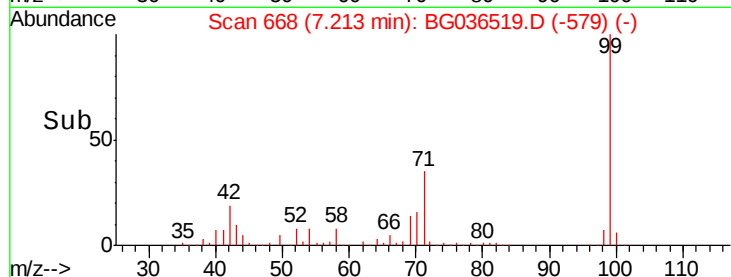
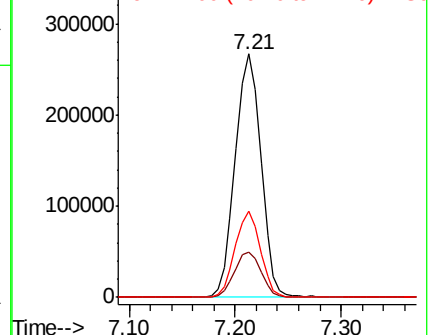
99 100

42 18.7 16.5 24.7

71 35.2 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: 11.618 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Tgt Ion: 70 Resp: 44284

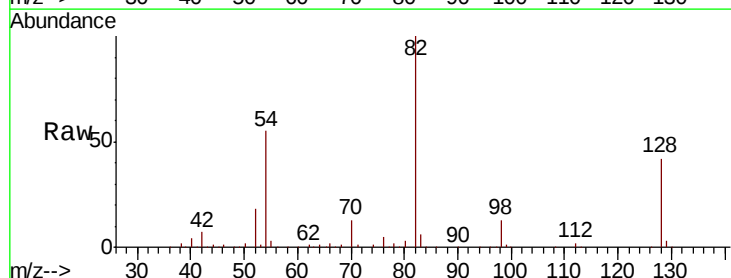
Ion Ratio Lower Upper

70 100

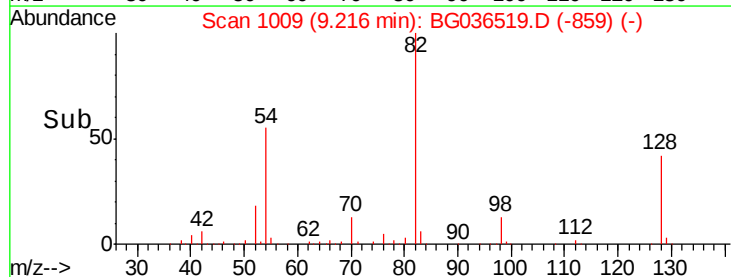
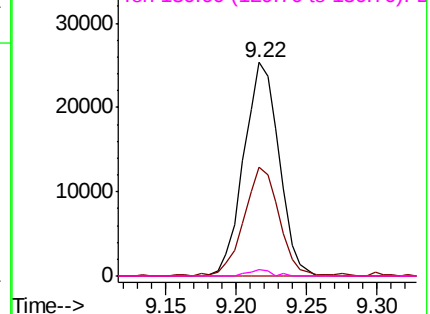
42 50.7 56.2 84.4#

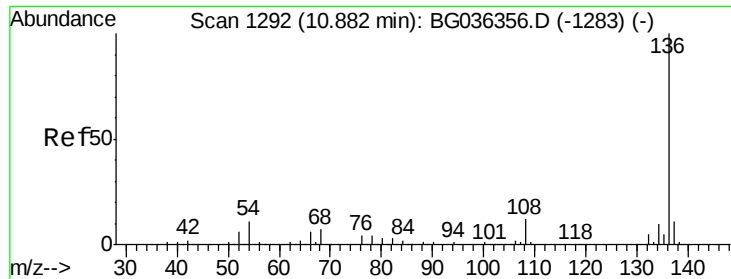
101 0.0 7.8 11.6#

130 3.2 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

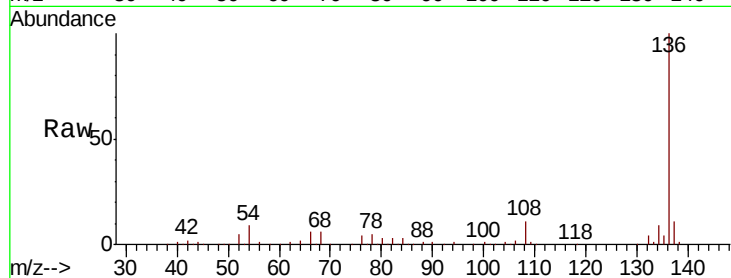




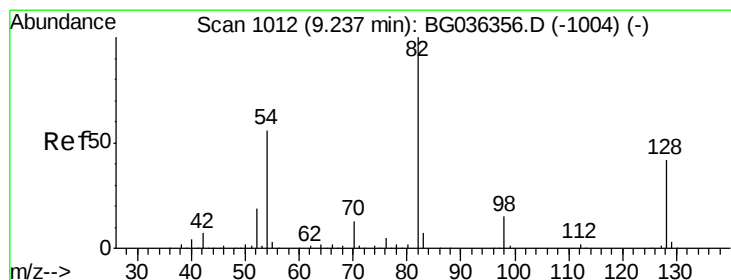
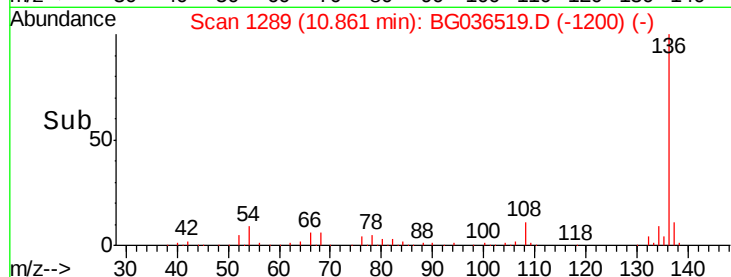
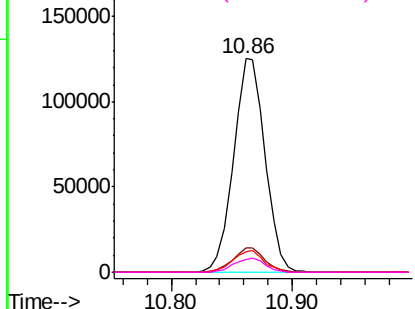
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226257
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 9.3	9.2	13.8
68 6.2	5.8	8.6

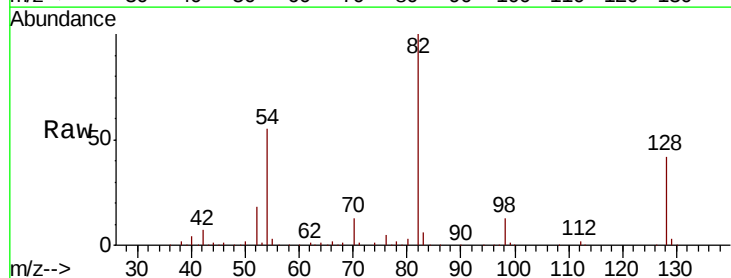


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

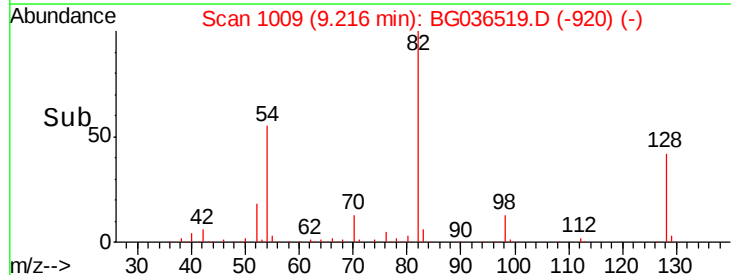
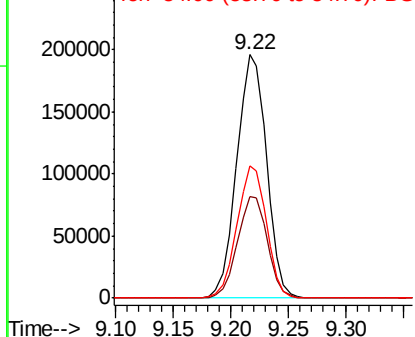


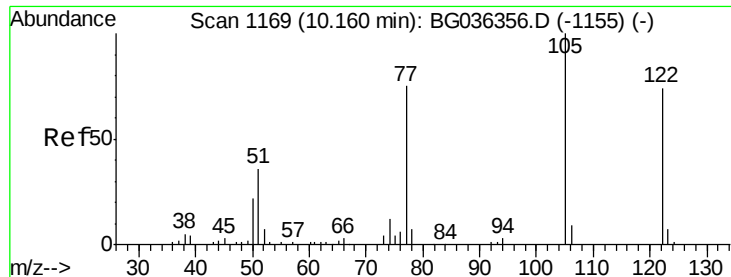
#23
Nitrobenzene-d5
Concen: 84.153 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Tgt Ion	82	Resp: Lower	350930 Upper
	Ratio 100		
128	41.9	33.3	49.9
54	54.6	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

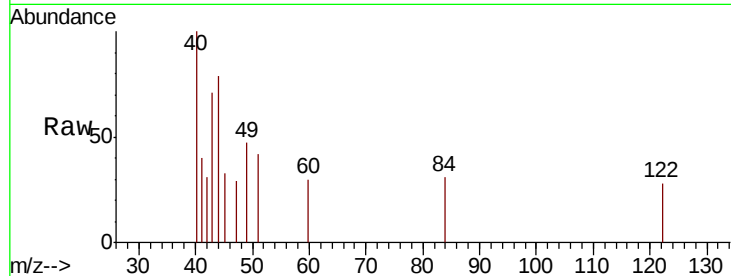




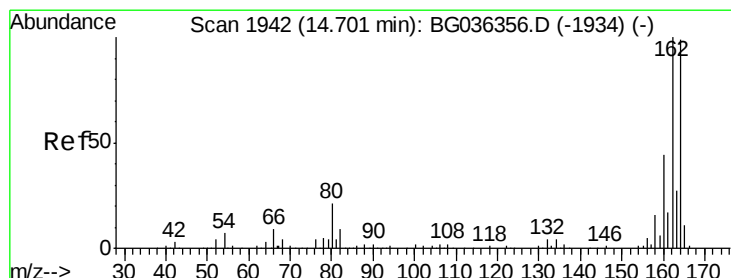
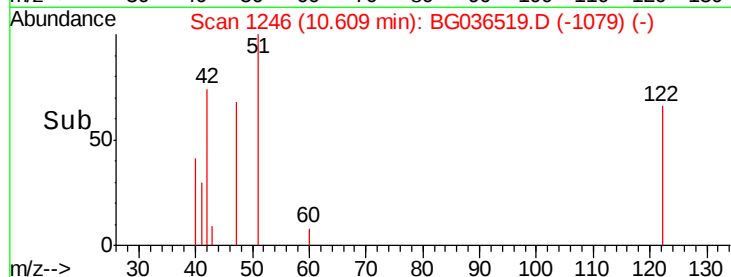
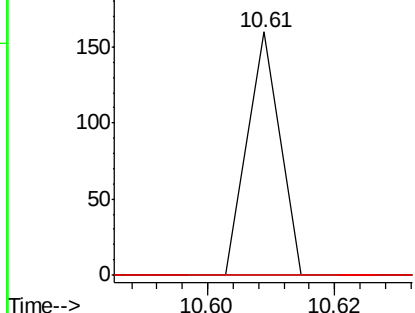
#32
Benzoic acid
Concen: 4.500 ng
RT: 10.61 min Scan# 1246
Delta R.T. 0.45 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#

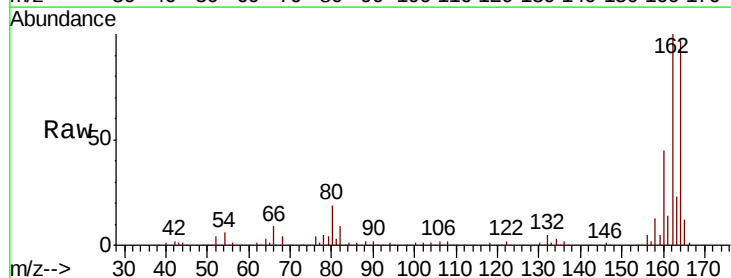


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

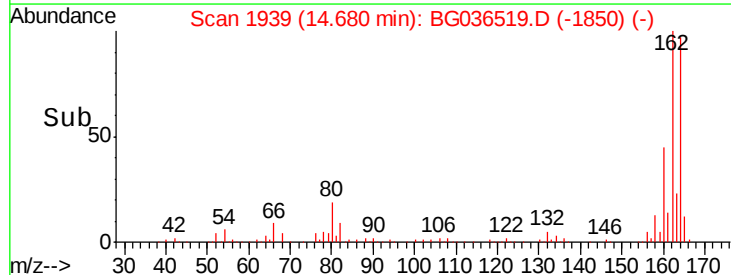
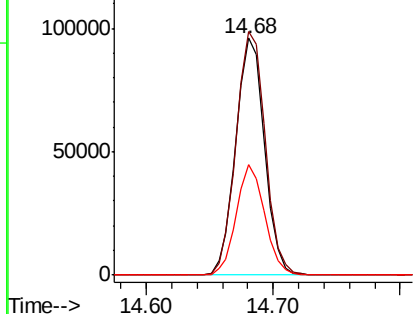


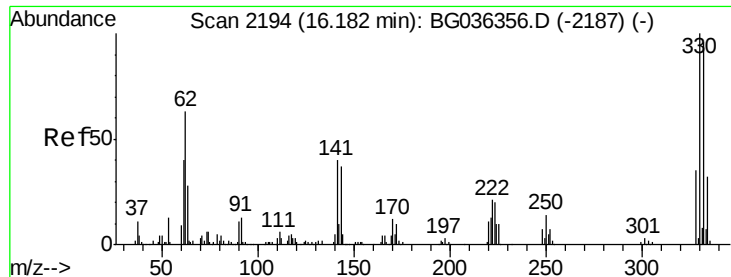
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Tgt Ion:164 Resp: 150201
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.5 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

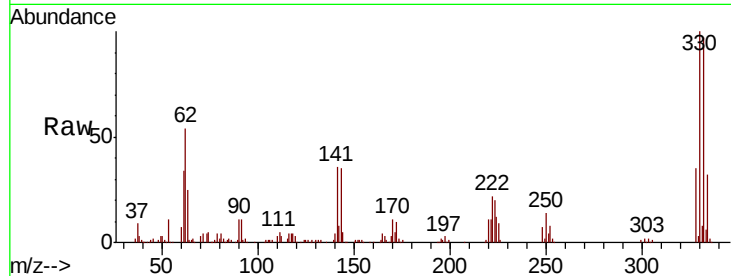




#41
 2,4,6-Tribromophenol
 Concen: 136.895 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	35.8	30.7	46.1

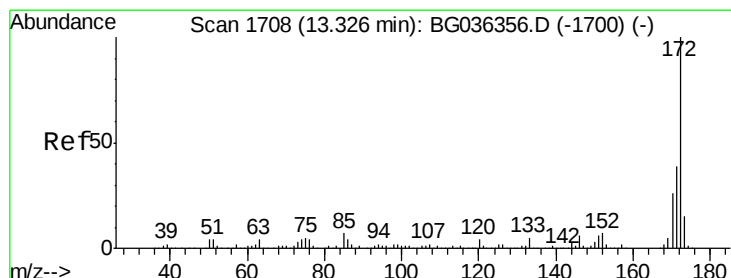
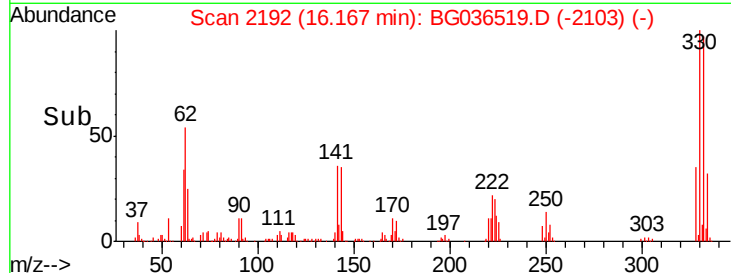
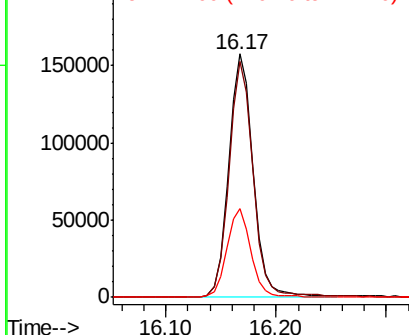


Abundance

Ion 329.80 (329.50 to 330.50): E

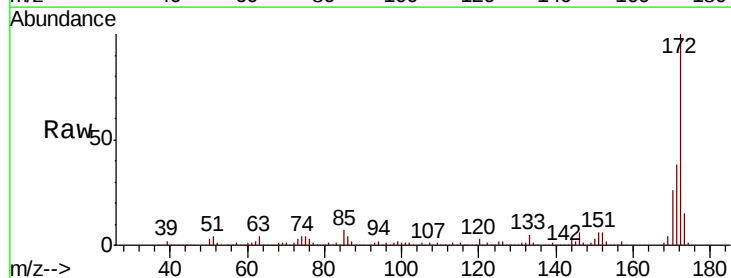
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.317 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	26.0	21.0	31.6

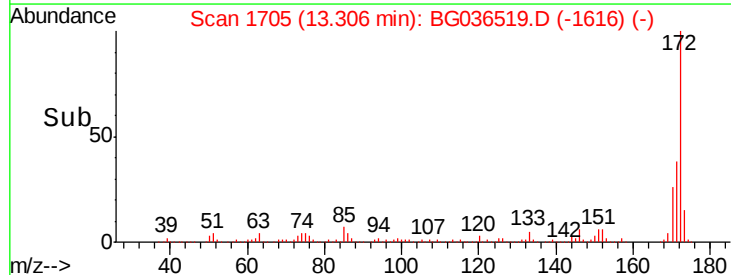
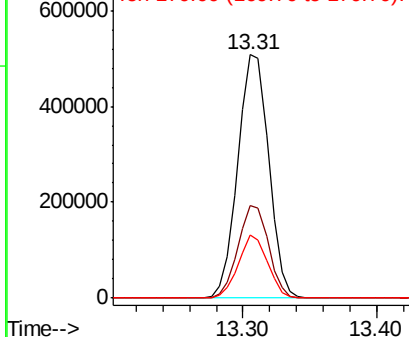


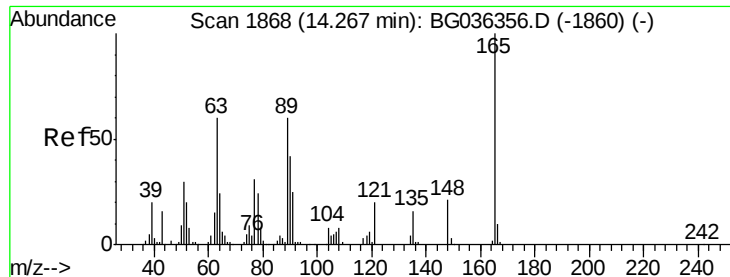
Abundance

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

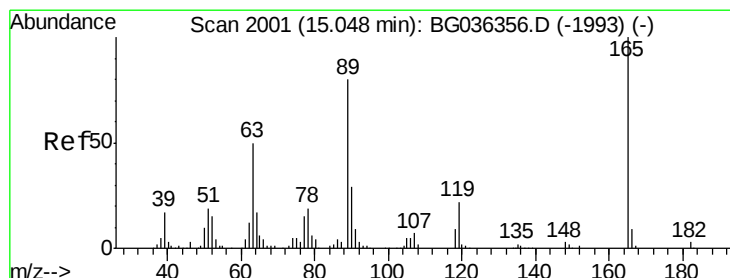
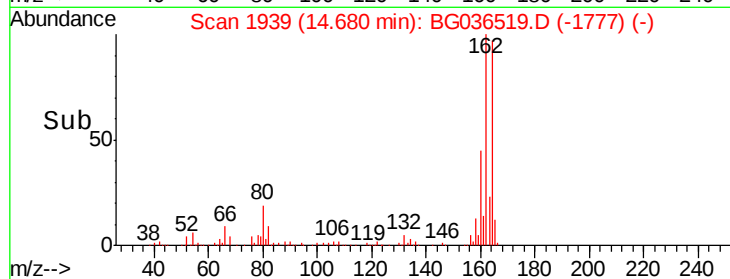
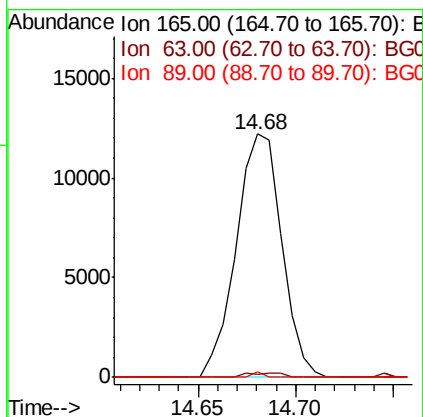
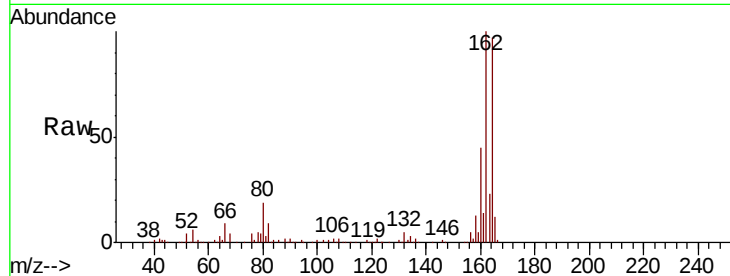




#50
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

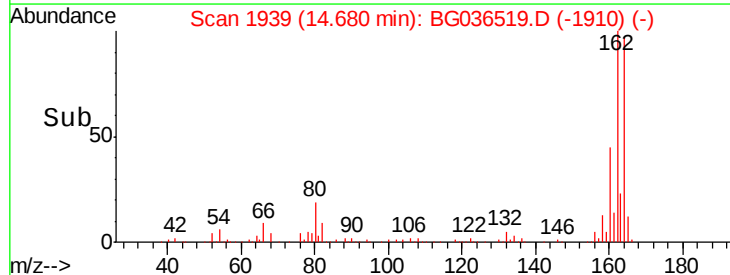
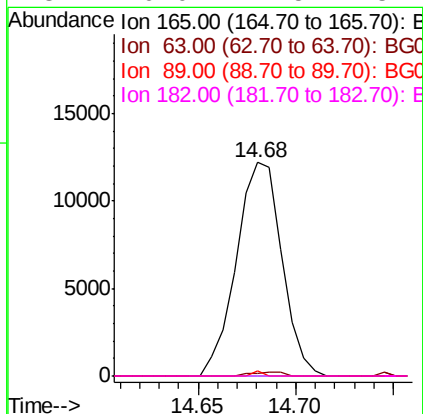
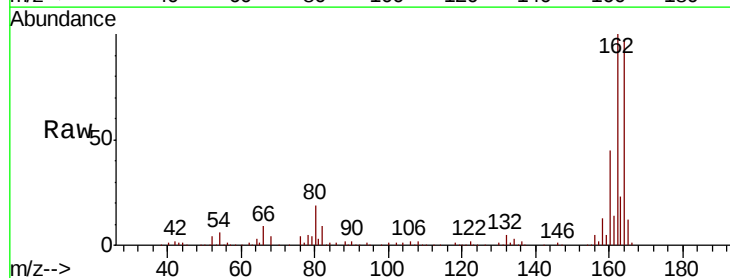
Instrument :
BNA_G
ClientSampleId :

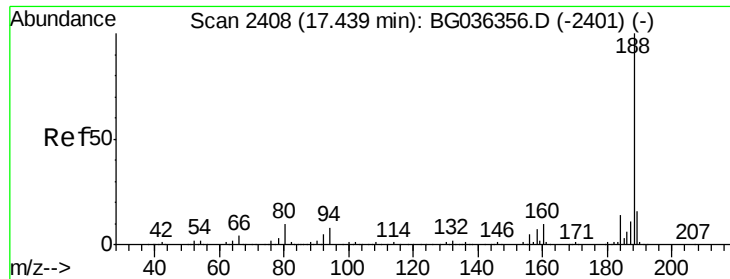
Tot Ion:165 Resp: 19700
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 2.2 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.989 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Tgt Ion:165 Resp: 19700
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 2.2 63.7 95.5#
182 0.0 2.5 3.7#

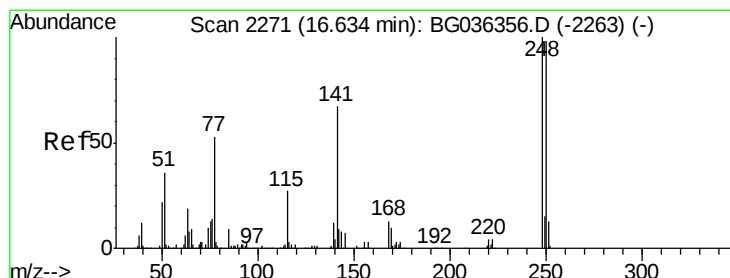
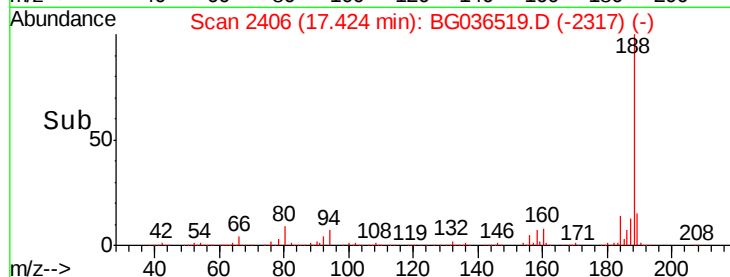
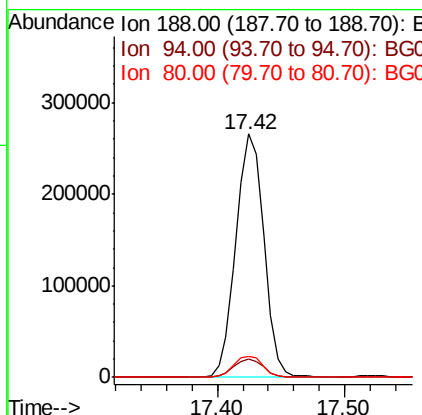
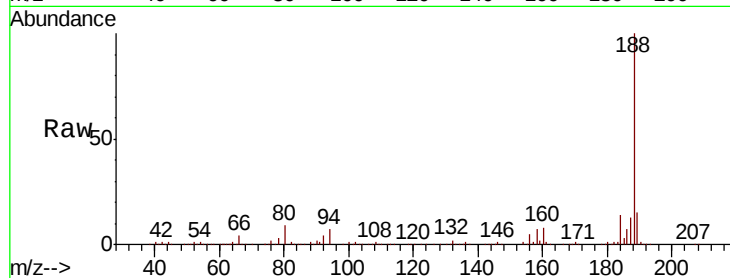




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

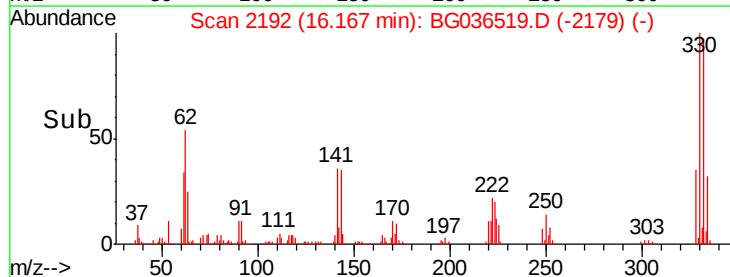
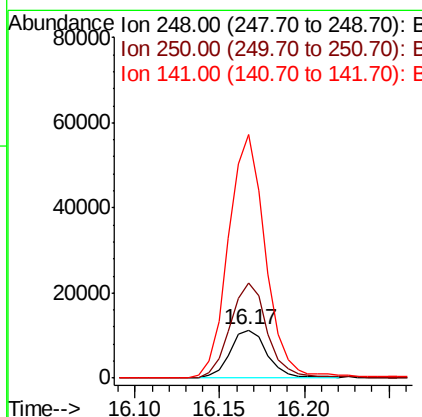
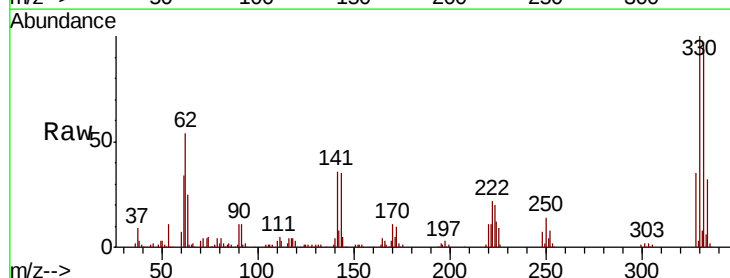
Instrument :
 BNA_G
 ClientSampleId :

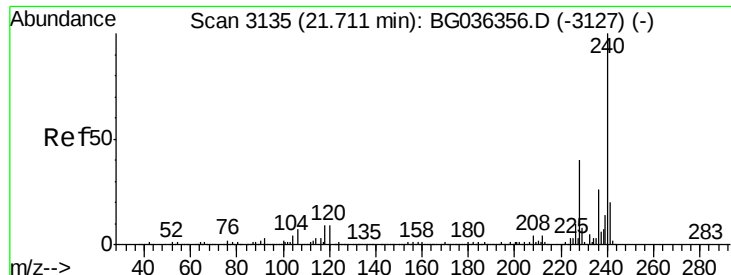
Tot Ion:188 Resp: 408332
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.7 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.623 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Tgt Ion:248 Resp: 17321
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.1 117.1#
 141 508.7 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

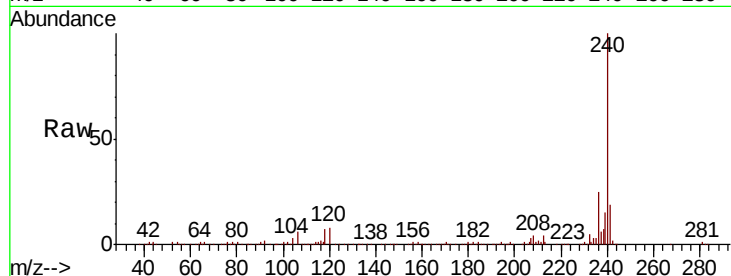
Tot Ion:240 Resp: 436031

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

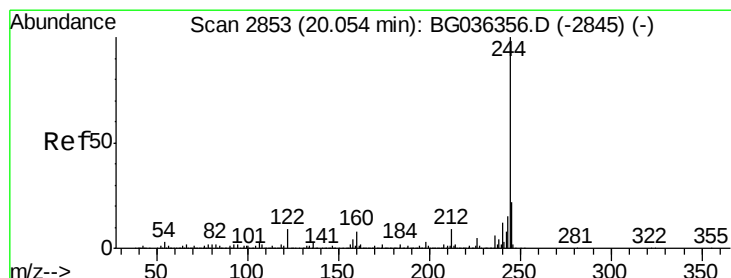
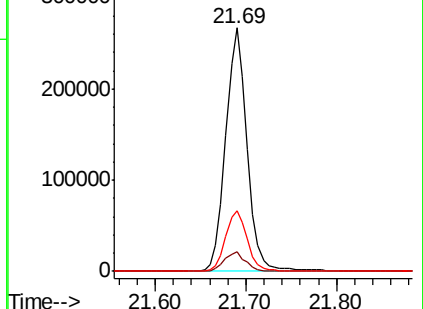
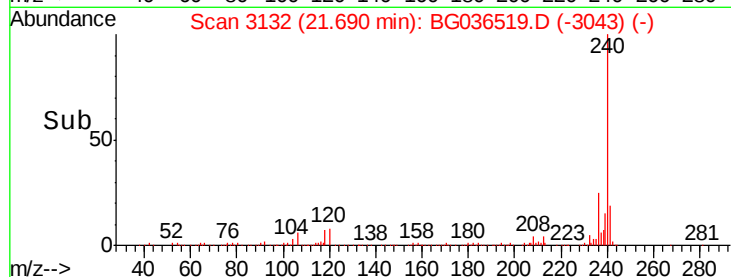
236 24.8 21.2 31.8



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: 81.295 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

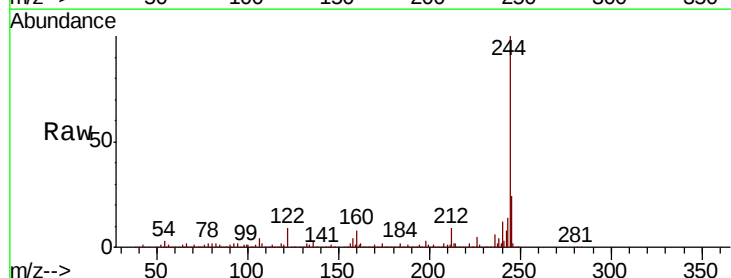
Tgt Ion:244 Resp: 1516549

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

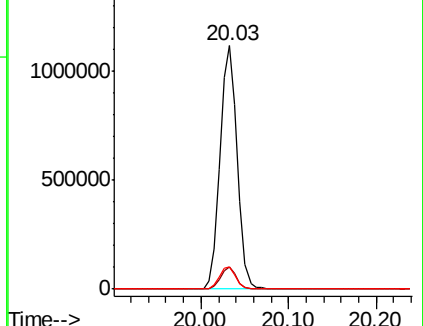
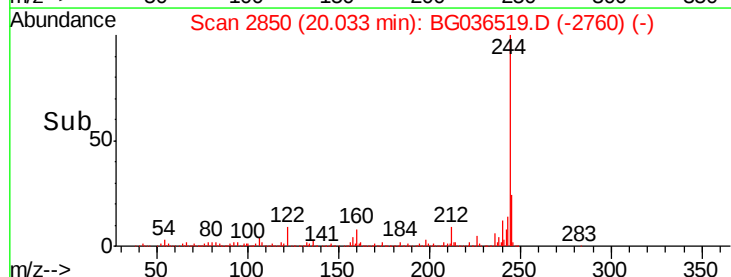
122 9.4 7.1 10.7

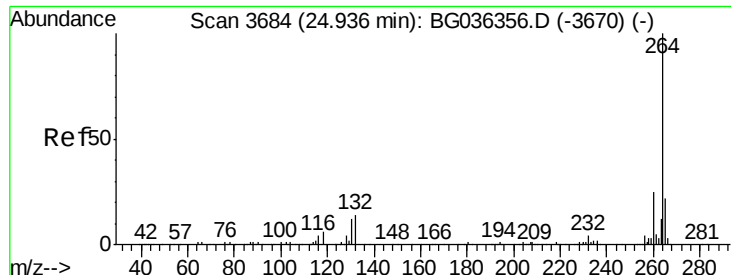


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	402665
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.6	17.4	26.0

