

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036598.D
 Acq On : 7 Sep 2018 15:43
 Operator : JU/SJ
 Sample : J4798-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 16:54:38 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

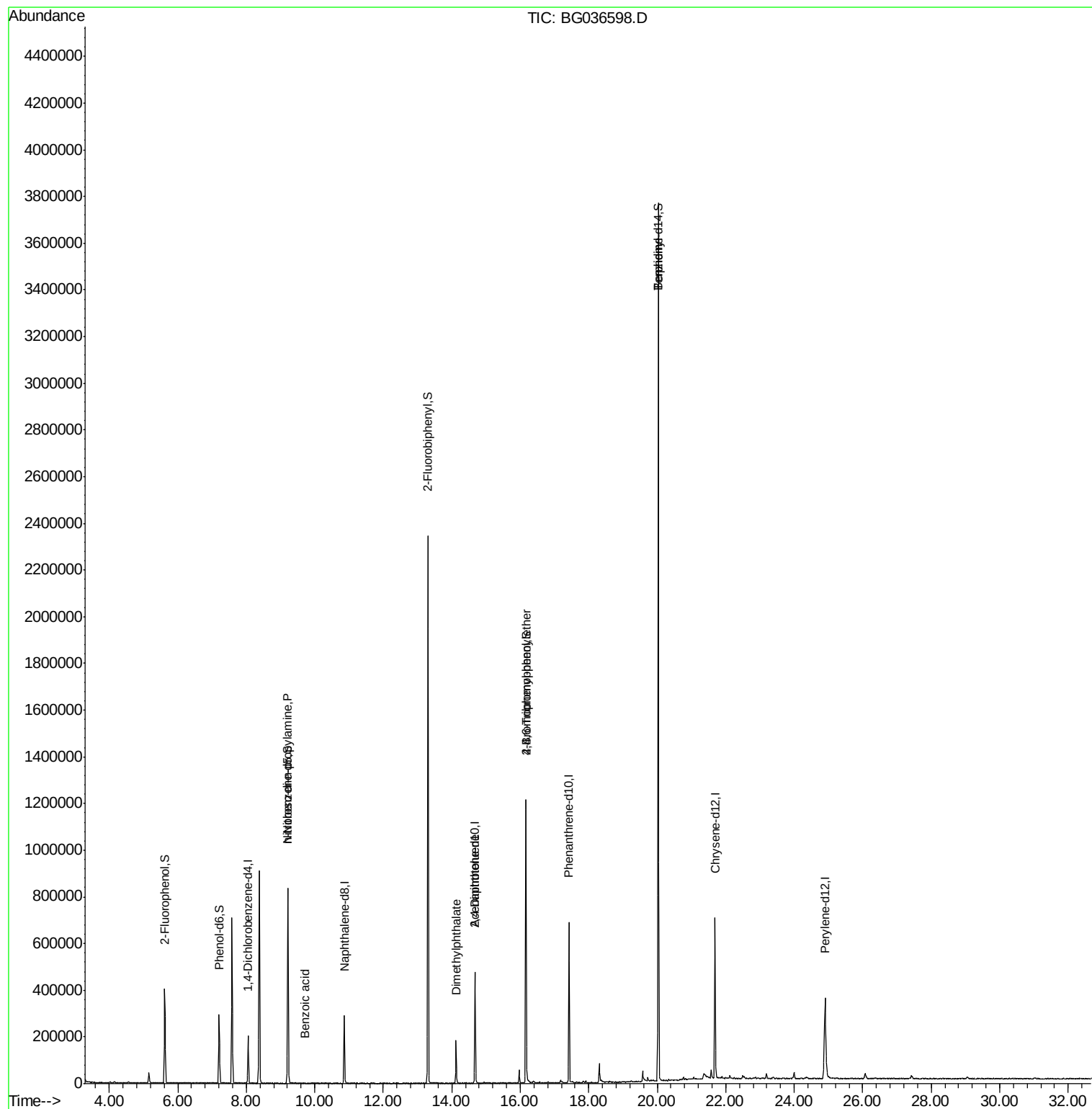
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57637	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	248131	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	170043	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	430266	20.00	ng	0.00
75) Chrysene-d12	21.68	240	436347	20.00	ng	-0.01
86) Perylene-d12	24.90	264	427795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	176410	48.55	ng	0.00
7) Phenol-d6	7.21	99	170344	32.74	ng	-0.01
23) Nitrobenzene-d5	9.22	82	508384	111.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230604	113.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1181379	99.20	ng	0.00
78) Terphenyl-d14	20.03	244	1713911	91.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	68199	17.541	ng	# 67
32) Benzoic acid	9.71	122	71	4.503	ng	# 1
49) Dimethylphthalate	14.13	163	121107	8.722	ng	99
56) 2,4-Dinitrotoluene	14.68	165	21582	5.796	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	15640	3.105	ng	# 1
76) Benzidine	20.03	184	32028	2.301	ng	# 93

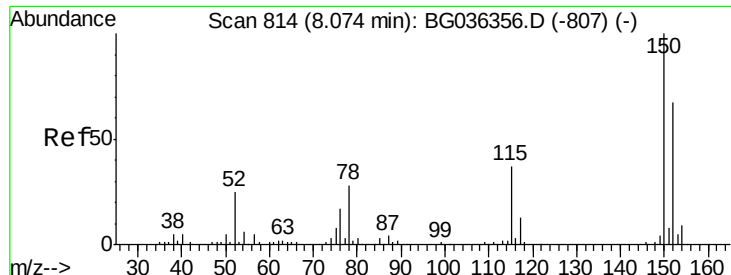
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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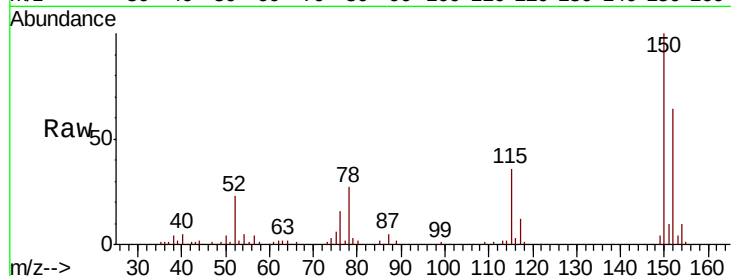


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	56.7	44.5	66.7

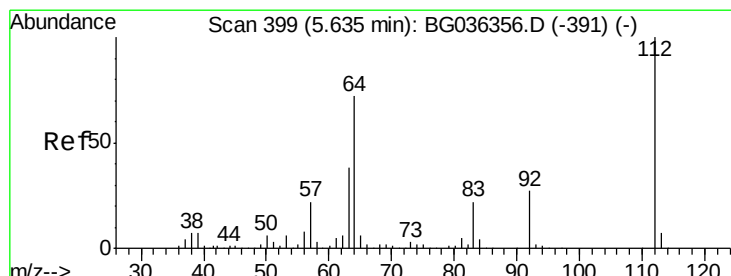
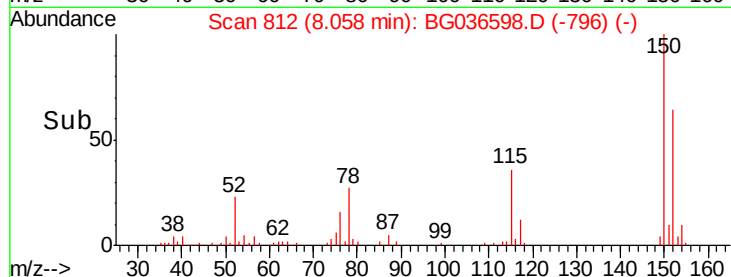
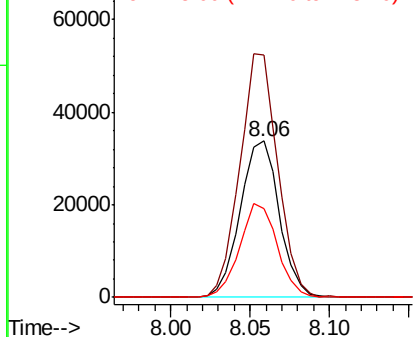


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

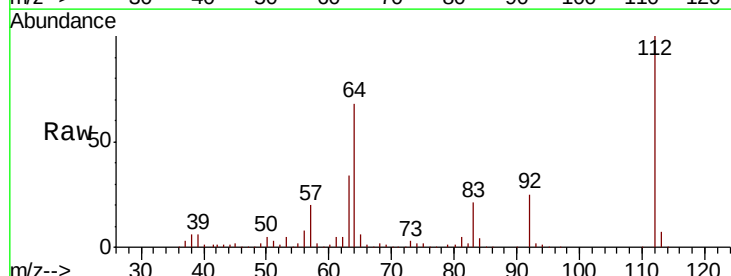
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.552 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.2	85.8
63	34.1	30.8	46.2

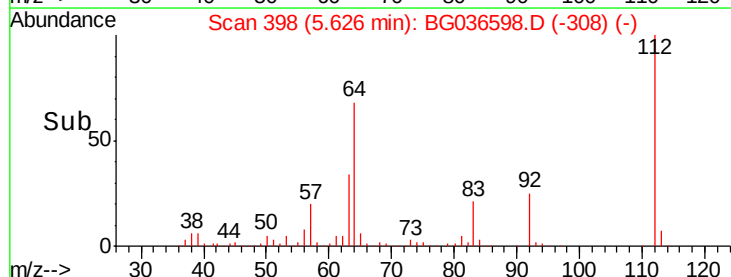
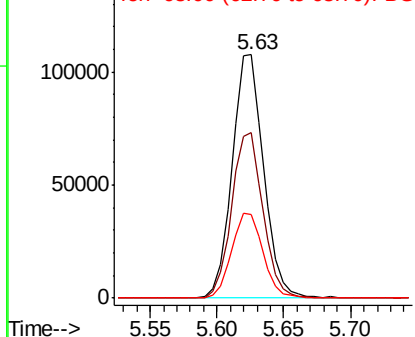


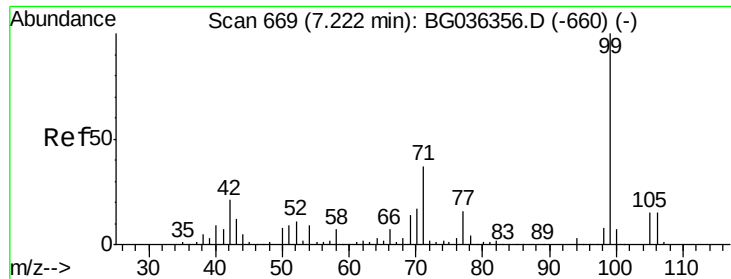
Abundance

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: 32.745 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampled :

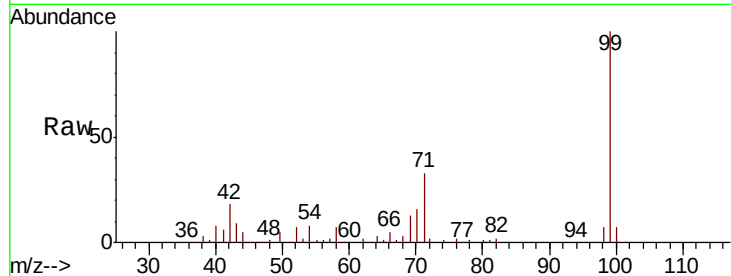
Tot Ion: 99 Resp: 170344

Ion Ratio Lower Upper

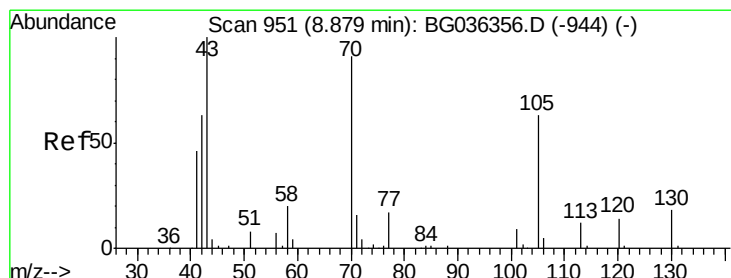
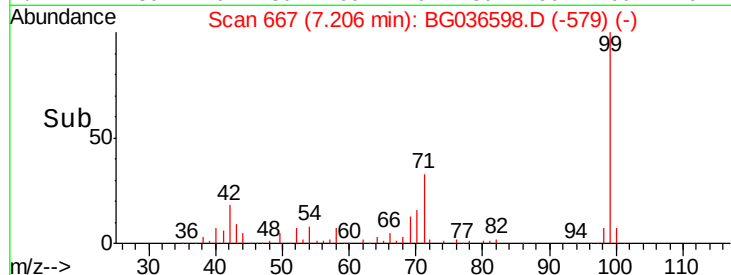
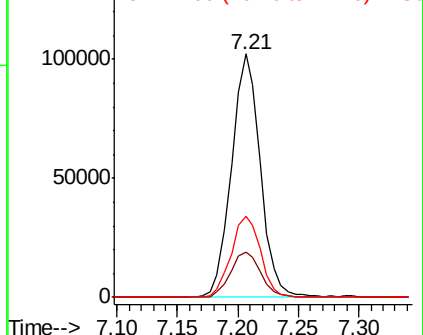
99 100

42 18.3 16.5 24.7

71 33.5 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: 17.541 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Tgt Ion: 70 Resp: 68199

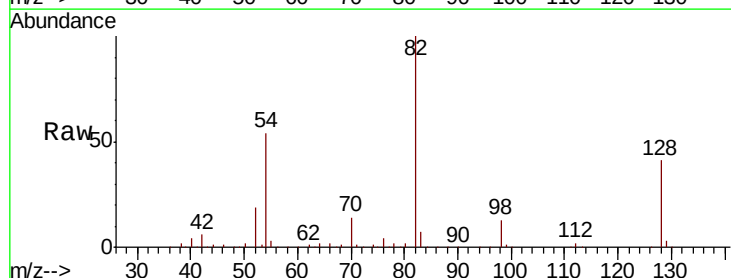
Ion Ratio Lower Upper

70 100

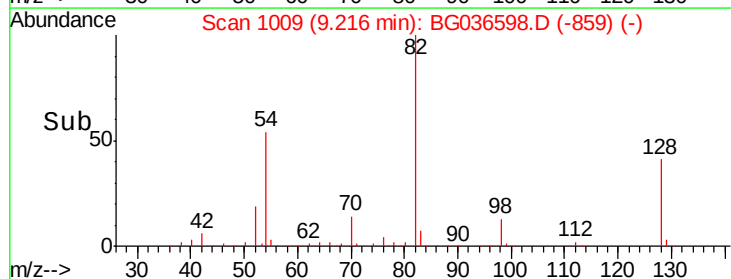
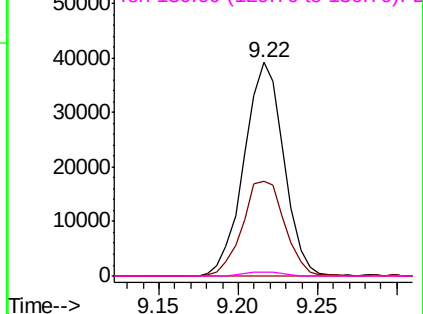
42 44.4 56.2 84.4#

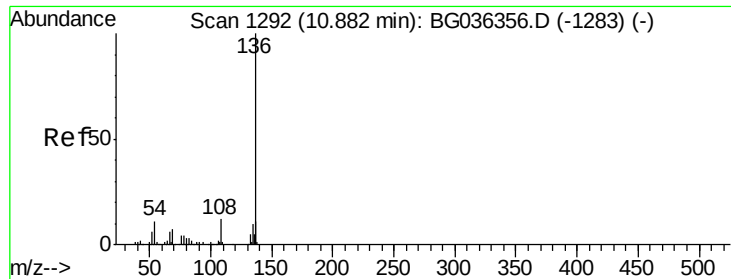
101 0.0 7.8 11.6#

130 1.6 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

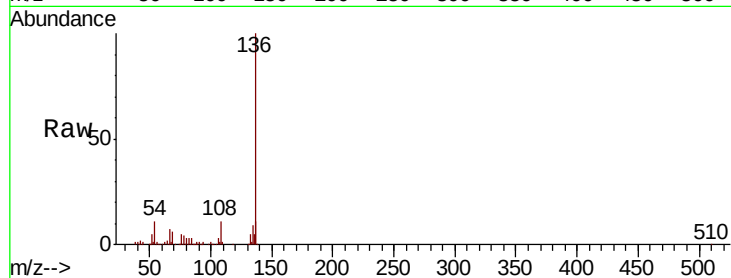




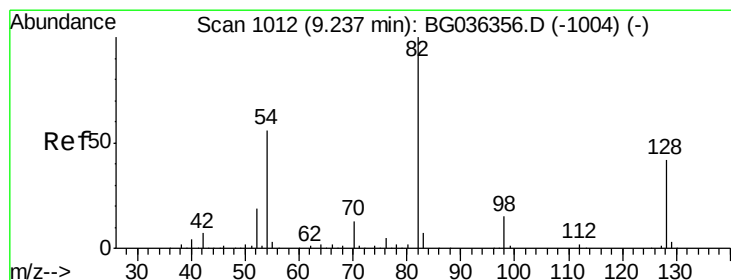
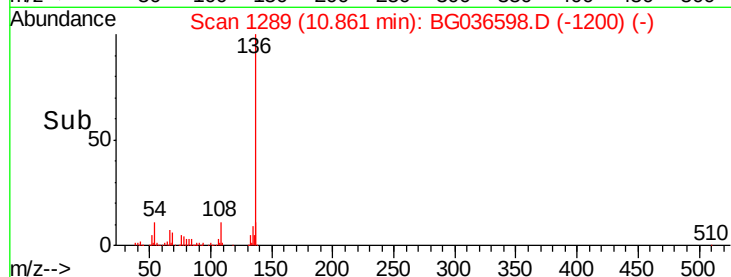
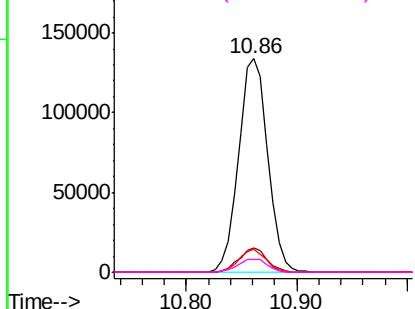
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	248131
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	11.1	9.2 13.8
68	6.1	5.8 8.6

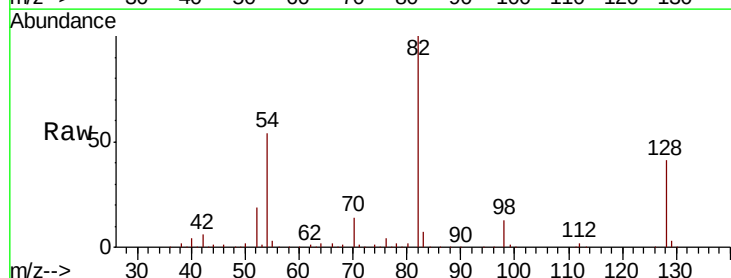


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

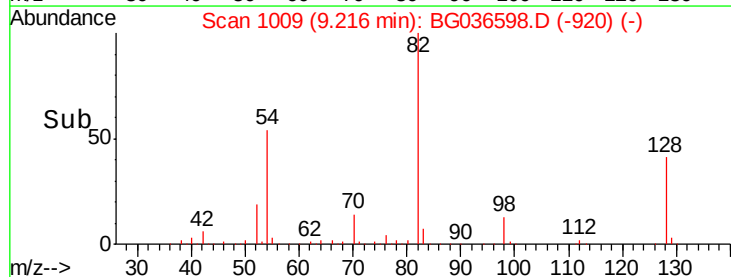
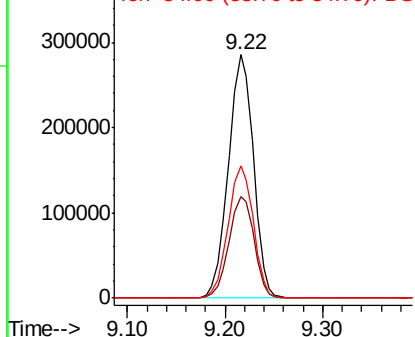


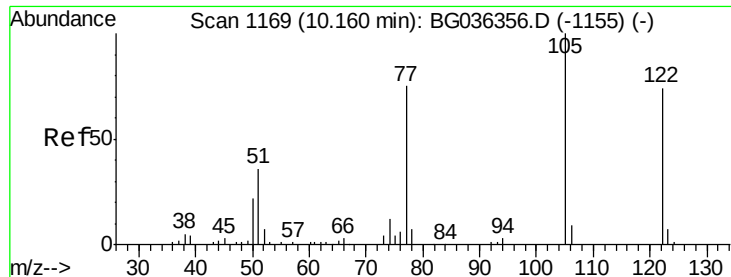
#23
Nitrobenzene-d5
Concen: 111.164 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Tgt Ion: 82	Resp:	508384
Ion Ratio	Lower	Upper
82	100	
128	41.5	33.3 49.9
54	54.3	45.1 67.7



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

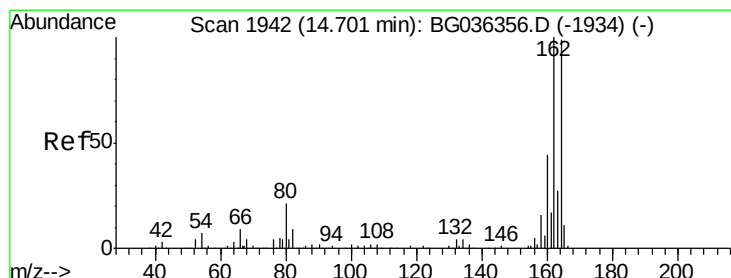
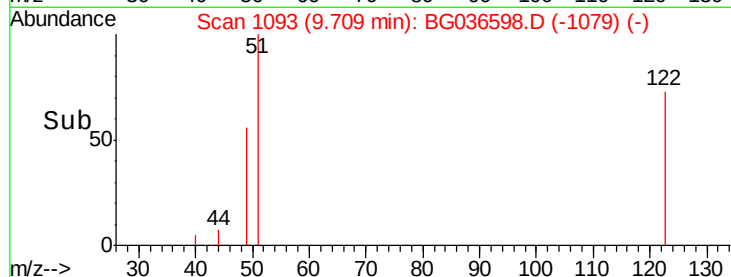
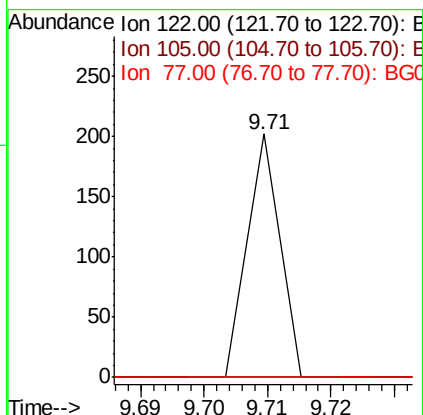
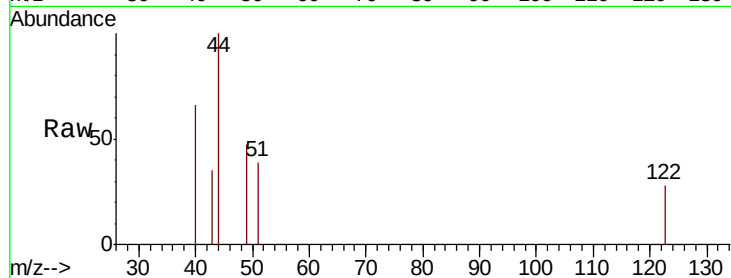




#32
Benzoic acid
Concen: 4.503 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.45 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

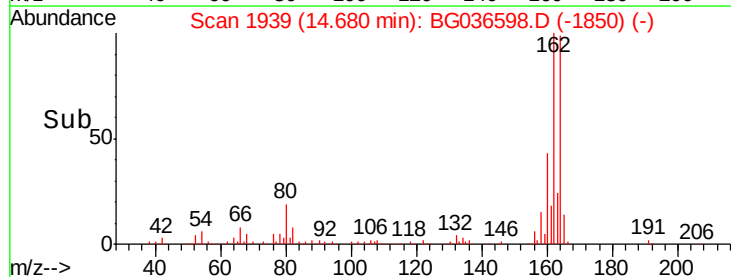
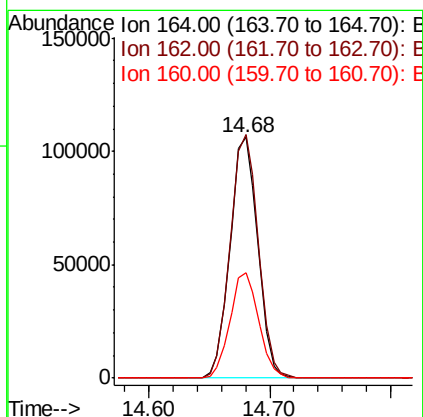
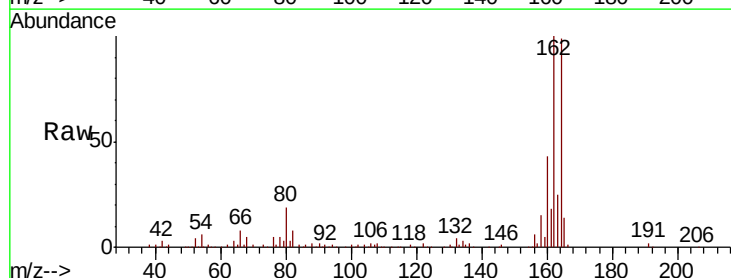
Instrument :
BNA_G
ClientSampled :

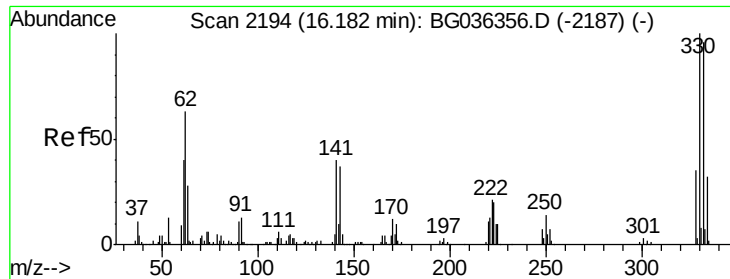
Tot Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Tgt Ion:164 Resp: 170043
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 43.6 35.3 52.9

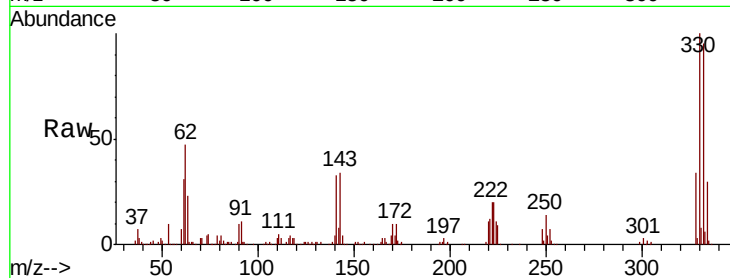




#41
 2,4,6-Tribromophenol
 Concen: 113.654 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	35.8	30.7	46.1

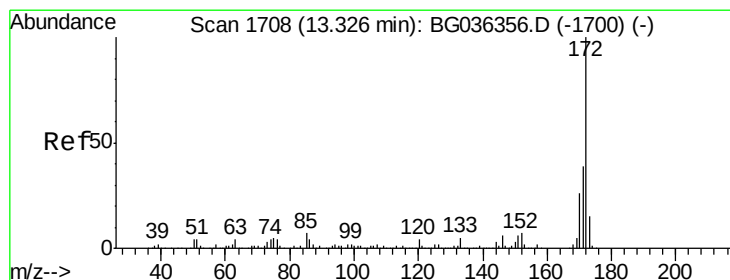
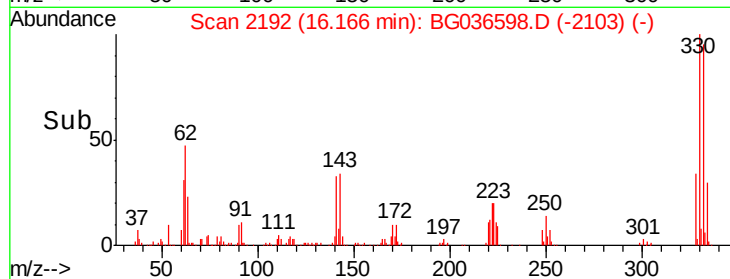
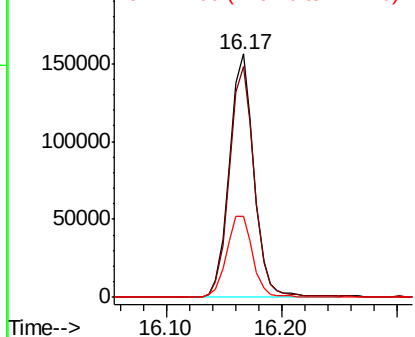


Abundance

Ion 329.80 (329.50 to 330.50): E

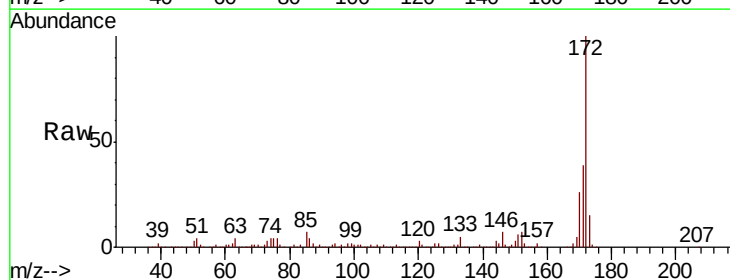
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.198 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.2	21.0	31.6

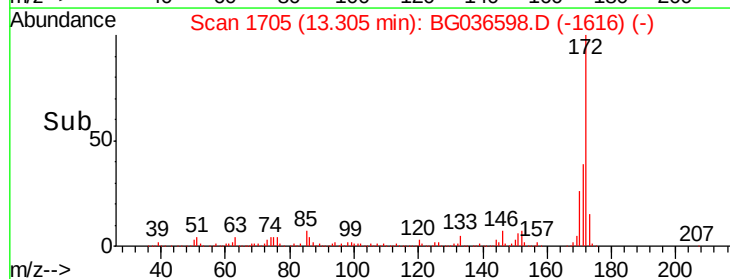
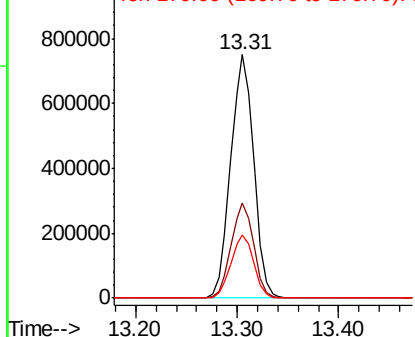


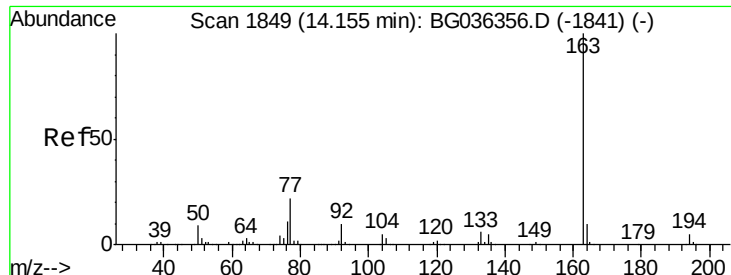
Abundance

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

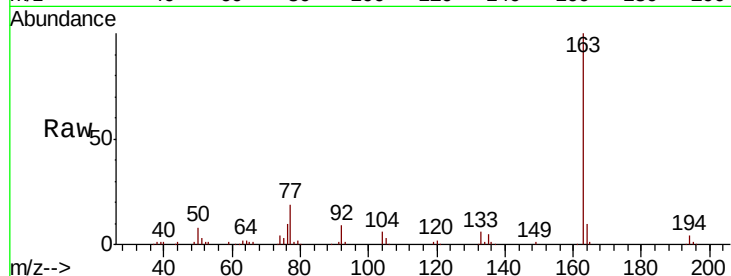




#49
Dimethylphthalate
Concen: 8.722 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	9.7	8.1	12.1

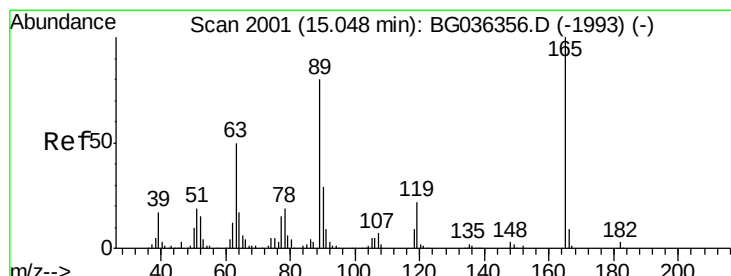
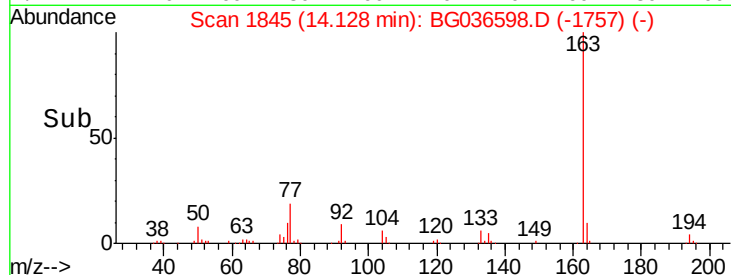
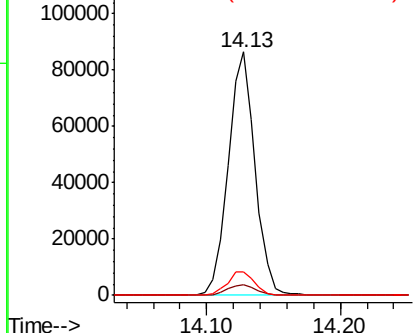


Abundance

Ion 163.00 (162.70 to 163.70): E

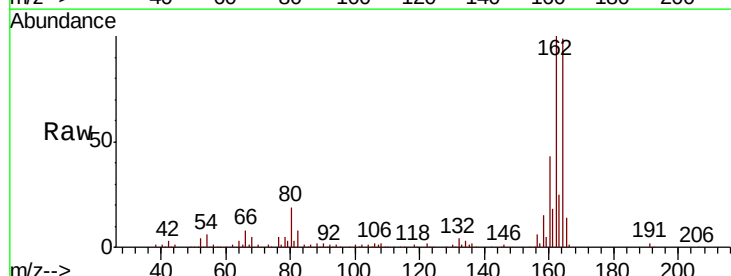
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.3	63.7	95.5#
182	0.0	2.5	3.7#



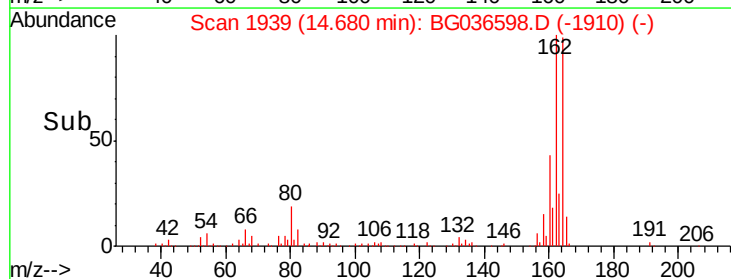
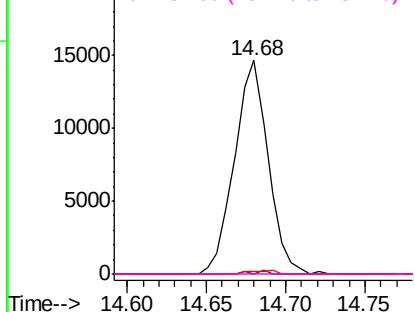
Abundance

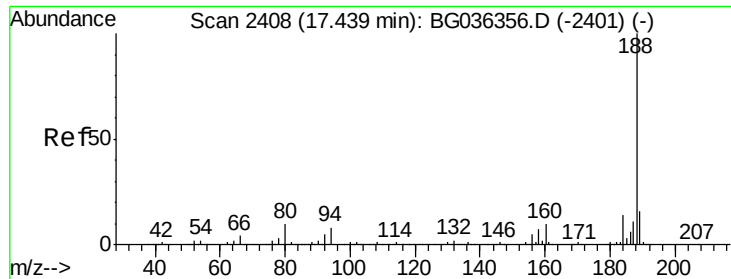
Ion 165.00 (164.70 to 165.70): E

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

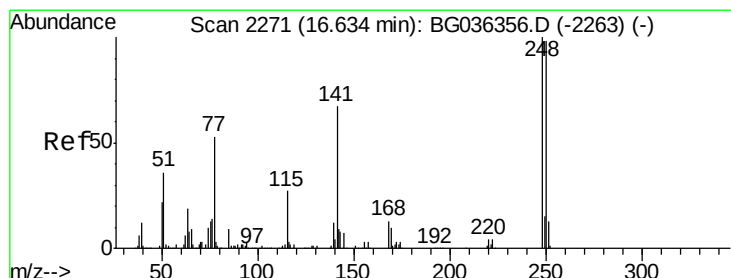
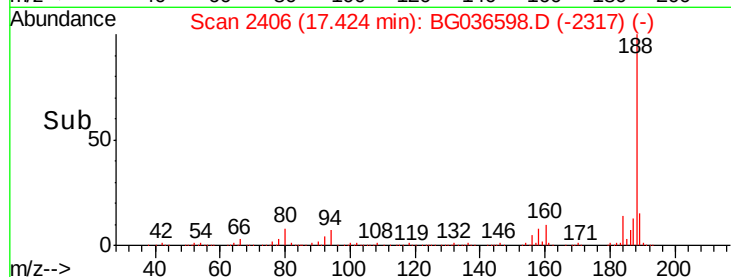
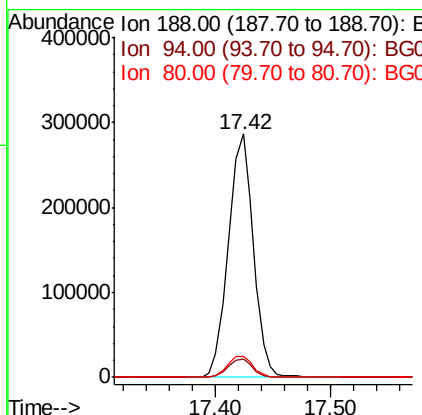
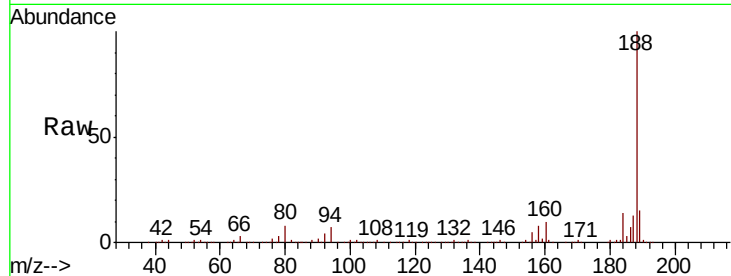




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

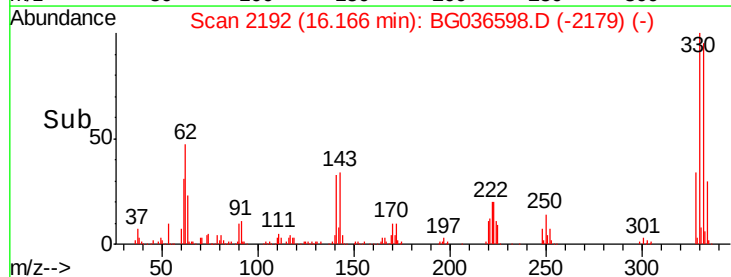
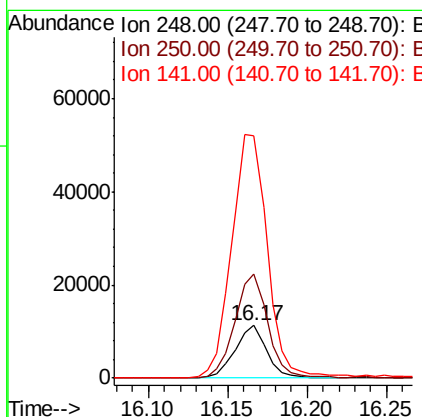
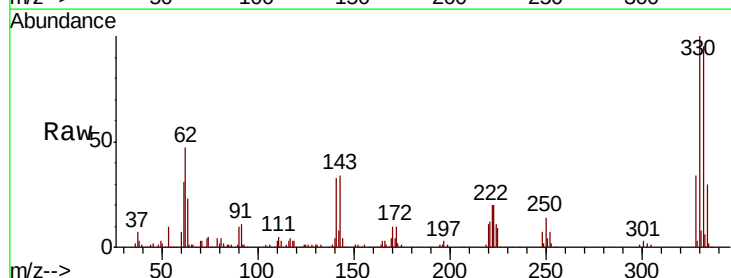
Instrument :
 BNA_G
 ClientSampleId :

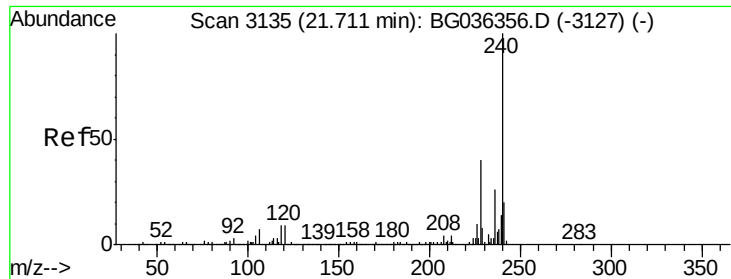
Tot Ion:188 Resp: 430266
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.4 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.105 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Tgt Ion:248 Resp: 15640
 Ion Ratio Lower Upper
 248 100
 250 196.8 78.1 117.1#
 141 458.3 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampleId :

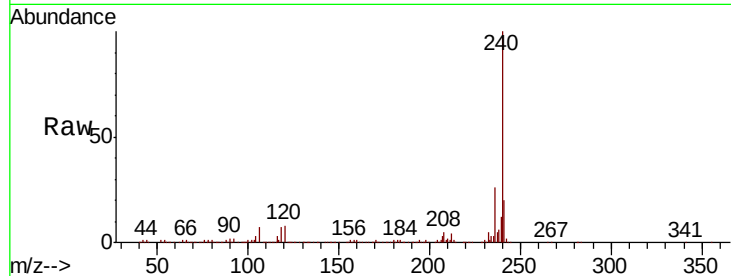
Tot Ion:240 Resp: 436347

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

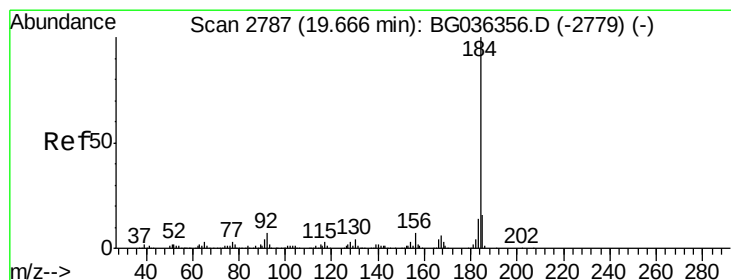
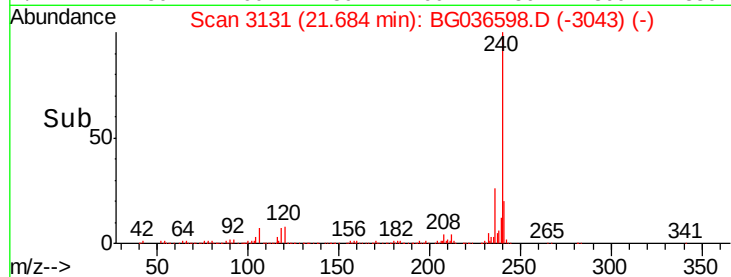
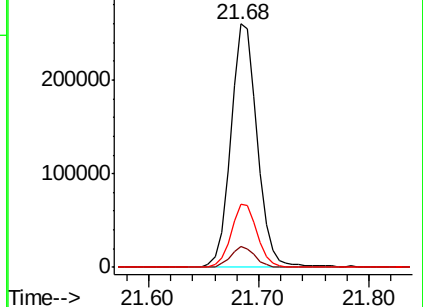
236 26.1 21.2 31.8



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



#76

Benzidine

Concen: 2.301 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

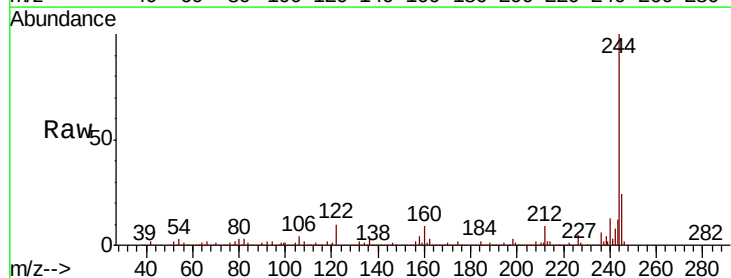
Tgt Ion:184 Resp: 32028

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

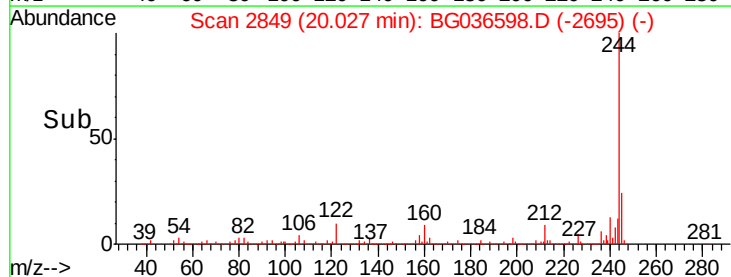
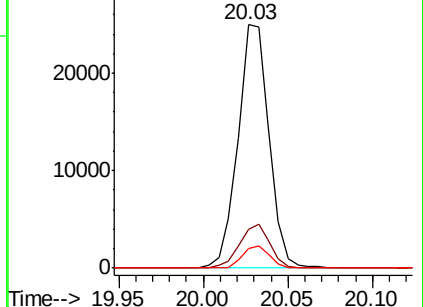
183 8.0 10.9 16.3

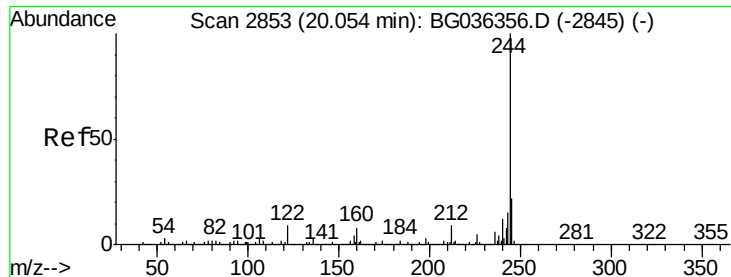


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.808 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampleId :

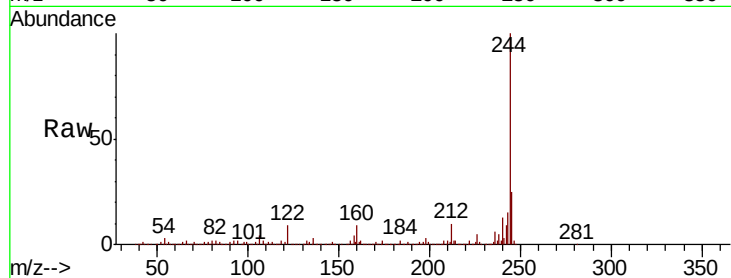
Tot Ion:244 Resp: 1713911

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

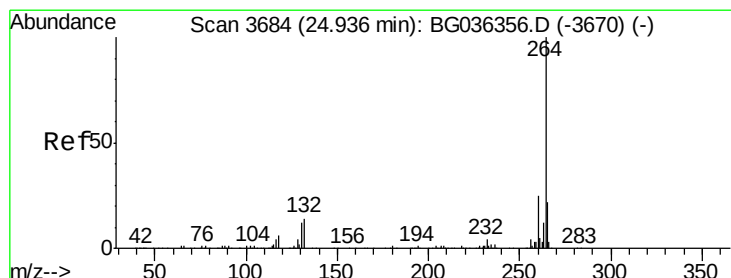
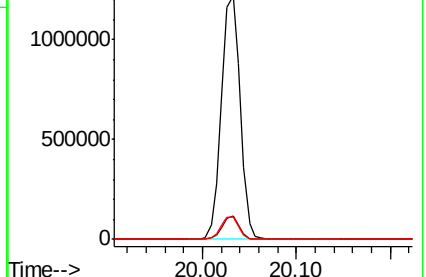
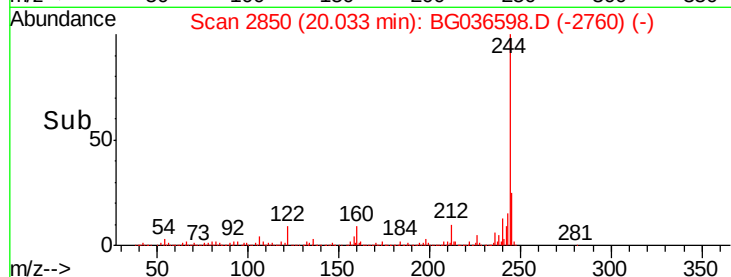
122 9.1 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

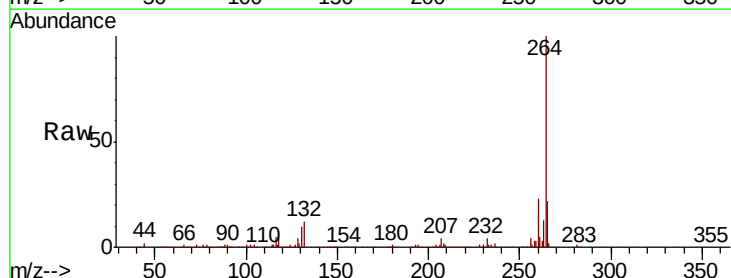
Tgt Ion:264 Resp: 427795

Ion Ratio Lower Upper

264 100

260 22.5 19.6 29.4

265 21.7 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

