

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043726.D
 Acq On : 20 Nov 2019 13:58
 Operator : JU
 Sample : PB124969BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:34:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

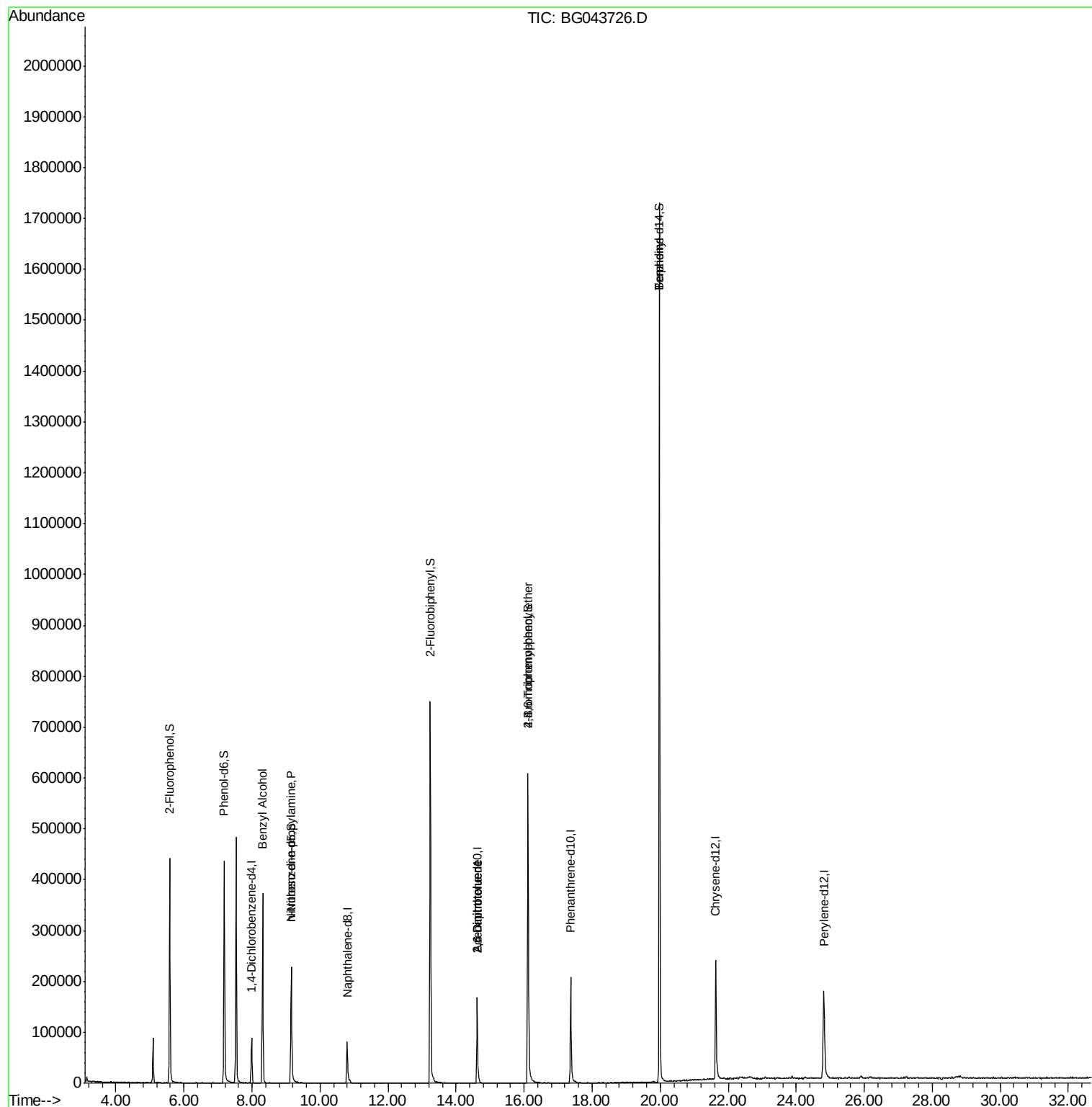
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27189	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	98816	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	72581	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	182304	20.00	ng	0.00
76) Chrysene-d12	21.63	240	199591	20.00	ng	0.00
87) Perylene-d12	24.81	264	228557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	207914	140.13	ng	0.00
7) Phenol-d6	7.18	99	278273	130.35	ng	0.00
23) Nitrobenzene-d5	9.15	82	166330	86.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	162984	118.00	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	458166	87.23	ng	0.00
79) Terphenyl-d14	19.98	244	1034211	97.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.31	79	3496	2.332	ng	# 41
19) n-Nitroso-di-n-propylamine	9.15	70	22986	16.663	ng	# 76
51) 2,6-Dinitrotoluene	14.62	165	9454	7.741	ng	# 28
57) 2,4-Dinitrotoluene	14.62	165	9454	5.416	ng	# 27
67) 4-Bromophenyl-phenylether	16.11	248	10116	4.123	ng	# 1
77) Benzidine	19.97	184	15899	3.958	ng	# 84

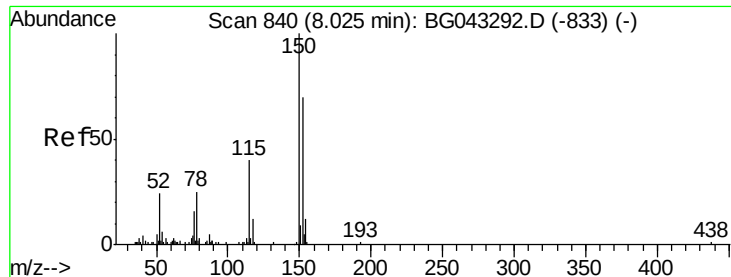
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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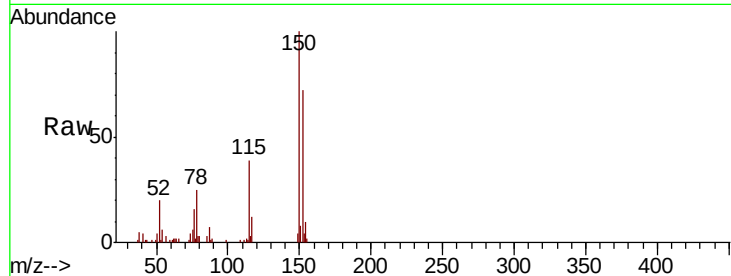


#1

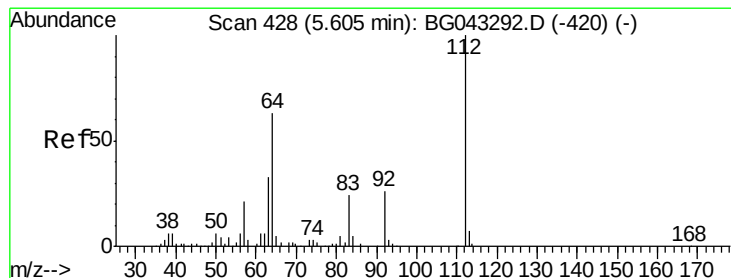
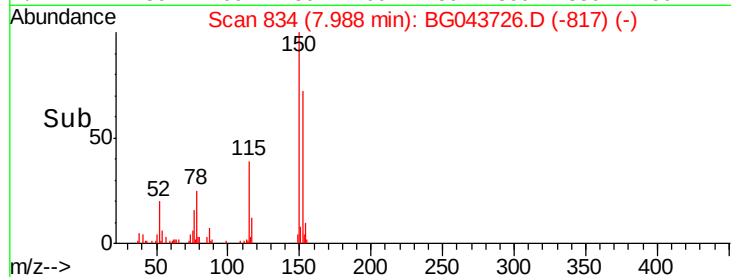
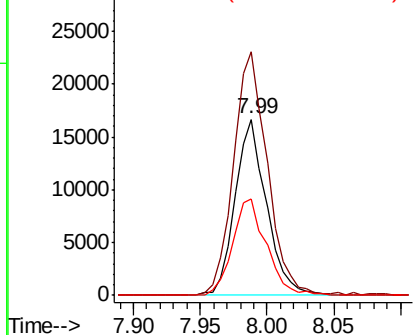
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 138.0 116.6 175.0
115 54.3 40.5 60.7



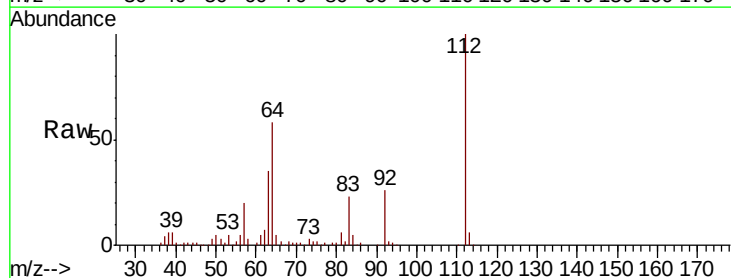
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



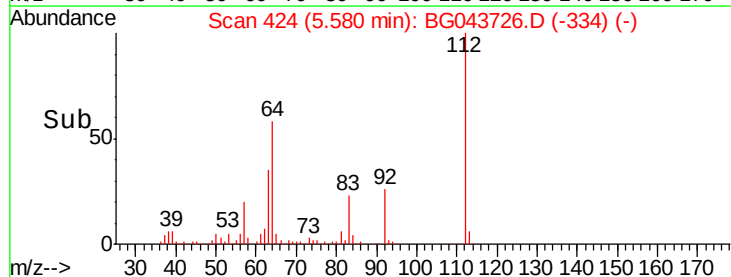
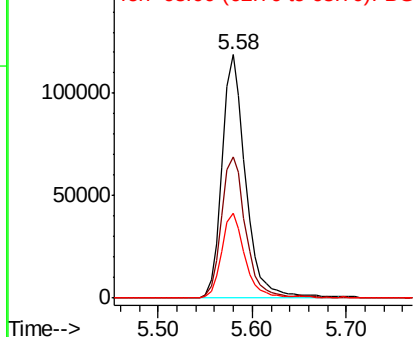
#5

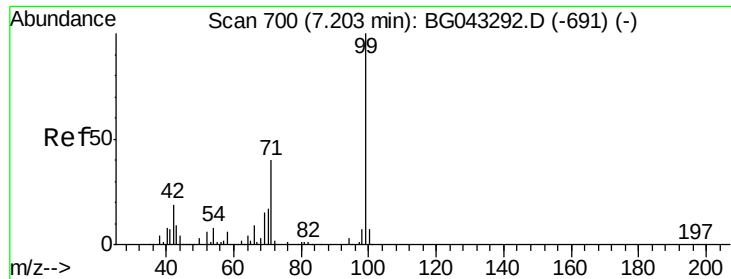
2-Fluorophenol
Concen: 140.127 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Tgt Ion:112 Resp: 207914
Ion Ratio Lower Upper
112 100
64 57.8 50.6 75.8
63 34.6 30.5 45.7



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: 130.353 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_G

ClientSampleId :

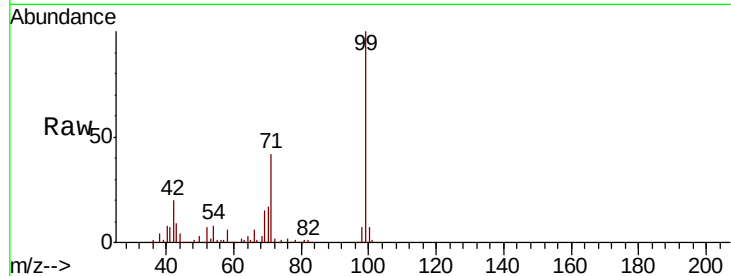
Tot Ion: 99 Resp: 278273

Ion Ratio Lower Upper

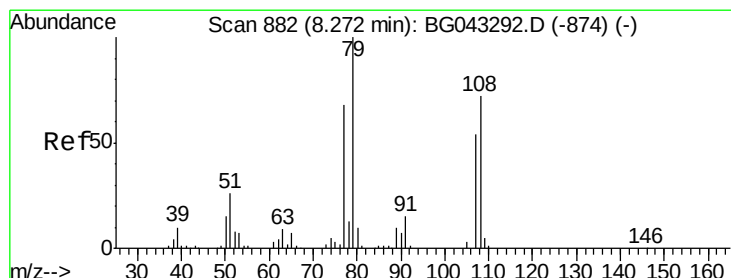
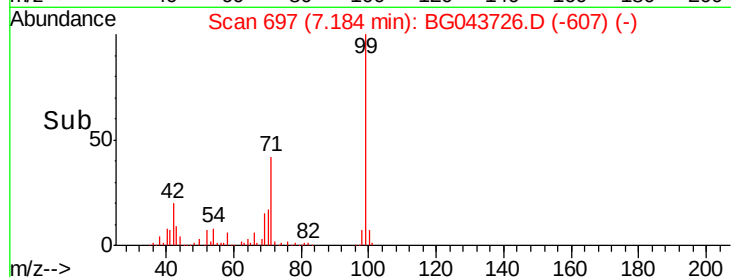
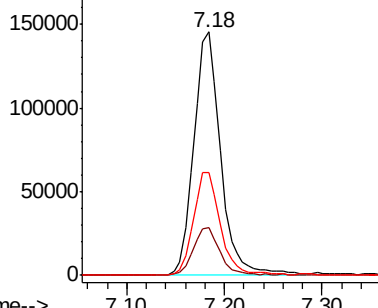
99 100

42 19.6 15.8 23.8

71 42.1 34.4 51.6



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



#15

Benzyl Alcohol

Concen: 2.332 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.07 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

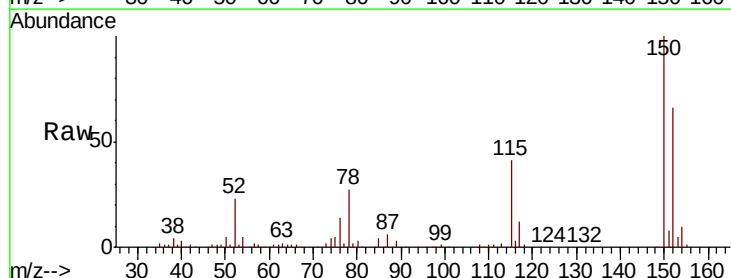
Tgt Ion: 79 Resp: 3496

Ion Ratio Lower Upper

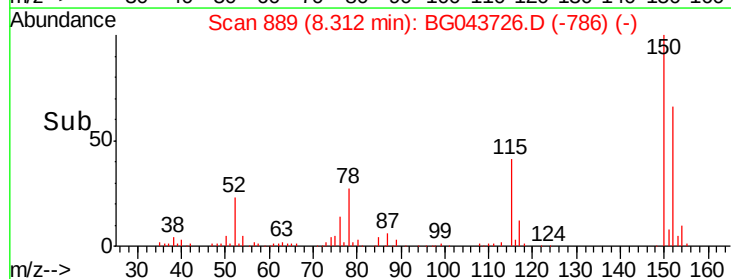
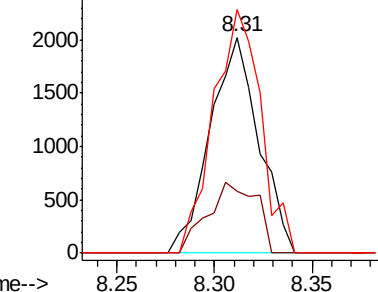
79 100

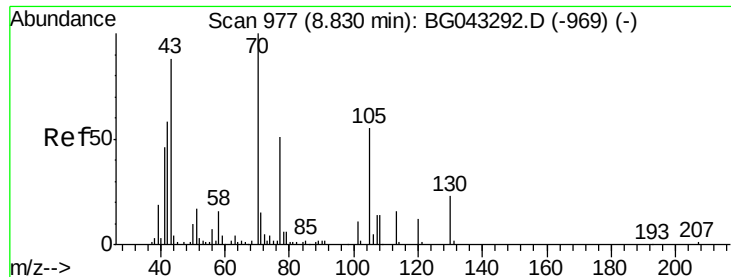
108 28.9 56.0 84.0#

77 112.8 47.9 71.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

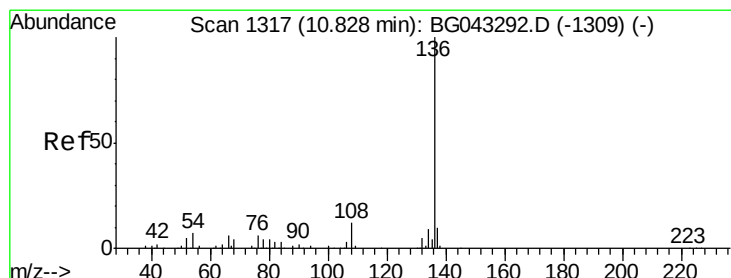
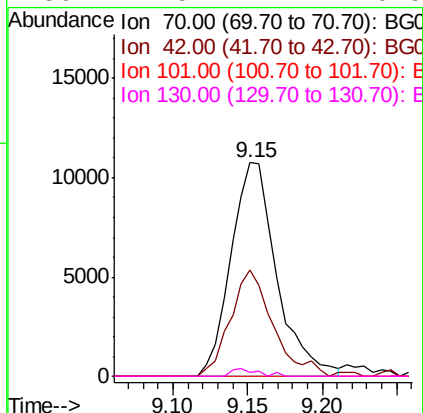
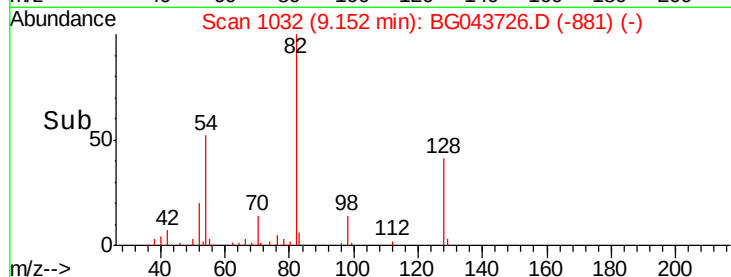
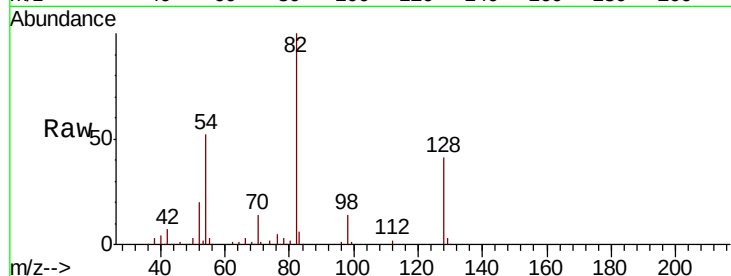




#19
n-Nitroso-di-n-propylamine
Concen: 16.663 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

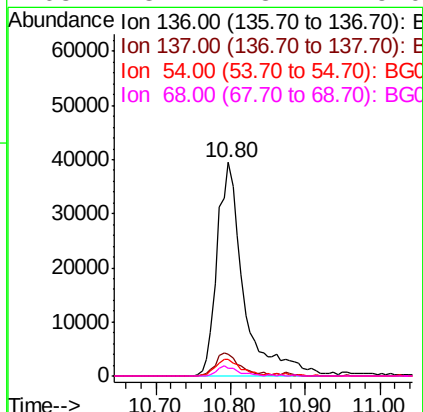
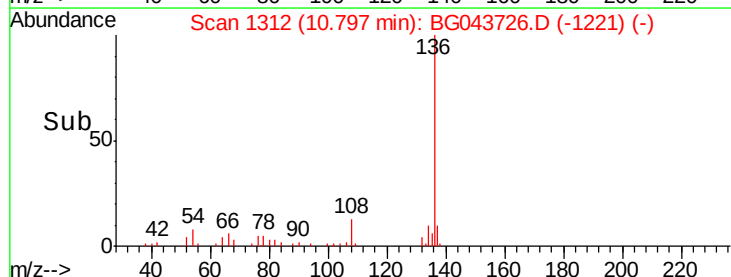
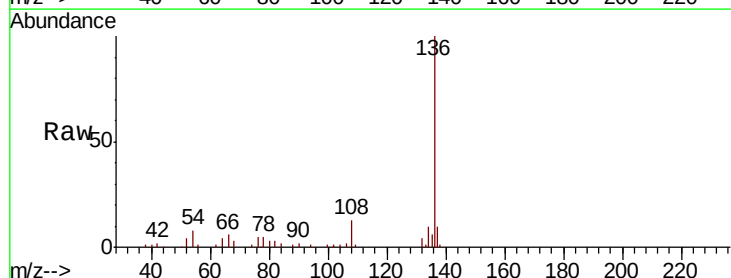
Instrument :
BNA_G
ClientSampleId :

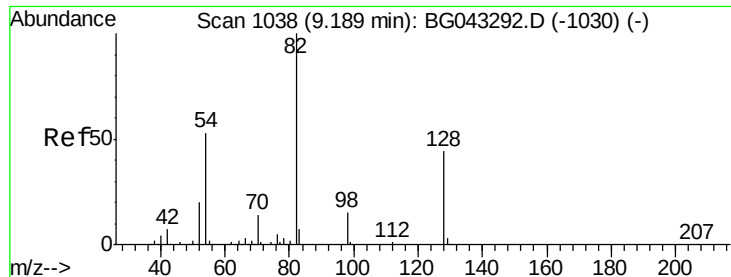
Tot Ion: 70 Resp: 22986
Ion Ratio Lower Upper
70 100
42 49.6 49.7 74.5#
101 0.0 9.7 14.5#
130 1.5 17.7 26.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Tgt Ion: 136 Resp: 98816
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.6 6.2 9.2
68 3.4 3.4 5.0

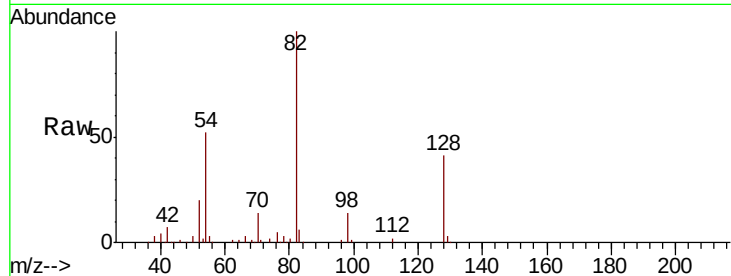




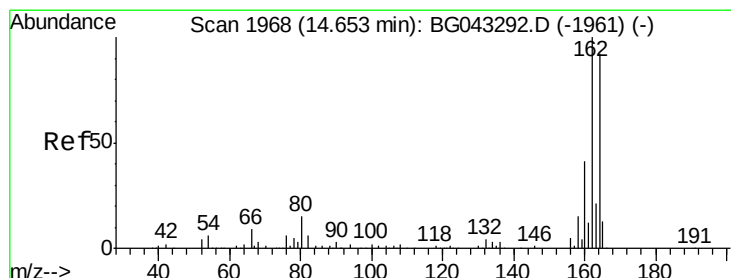
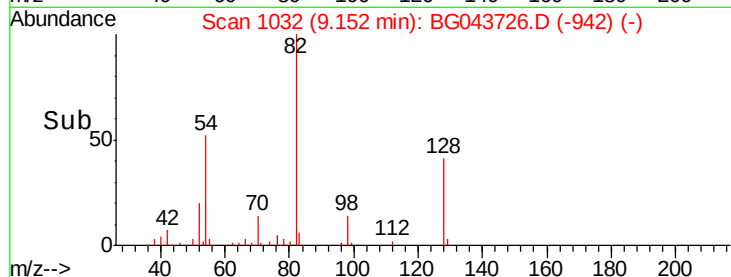
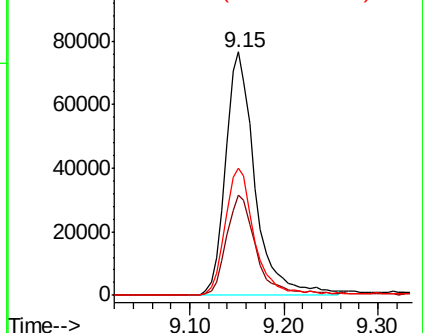
#23
Nitrobenzene-d5
Concen: 86.778 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	166330
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.2	51.4
54	52.2	44.7	67.1

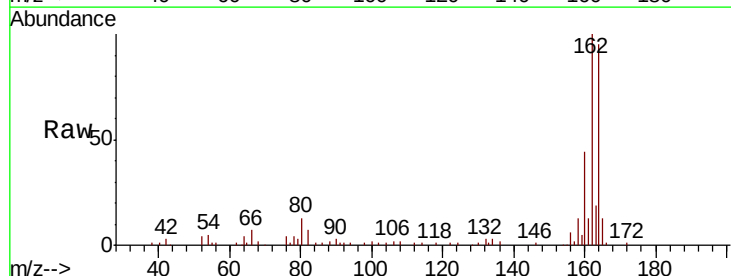


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

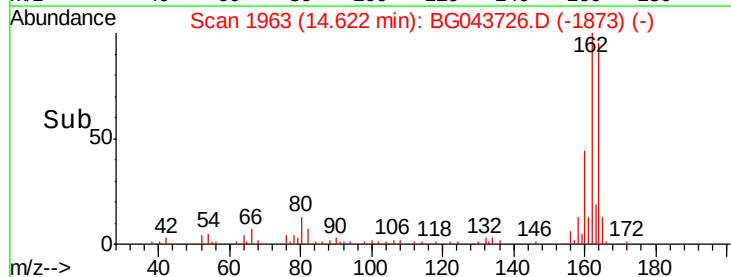
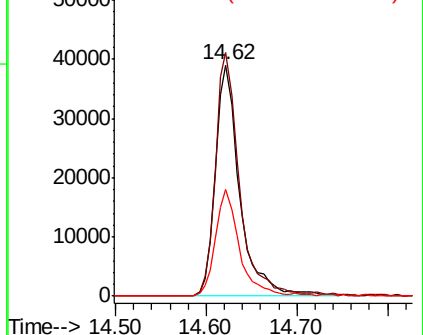


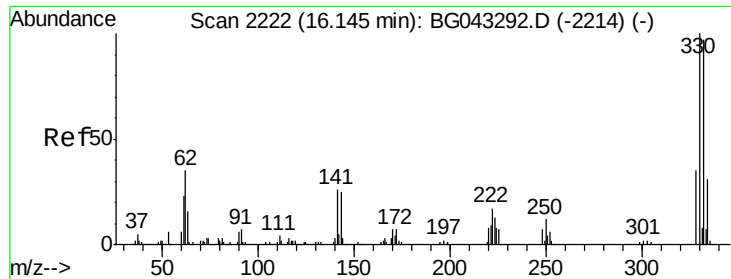
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Tgt Ion	164	Resp	72581
Ion Ratio	Lower	Upper	
164	100		
162	105.4	79.4	119.2
160	46.4	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

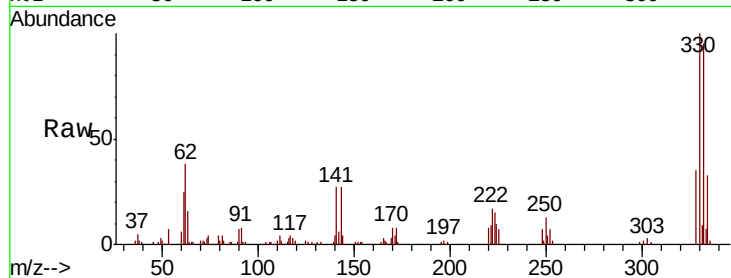




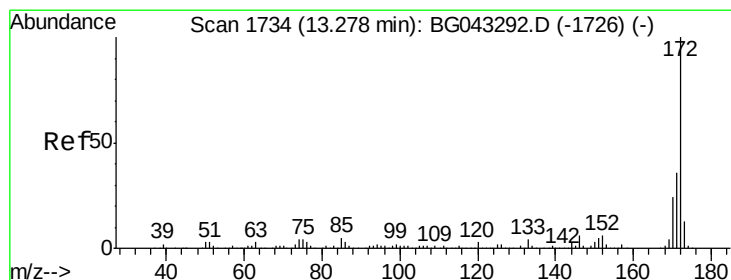
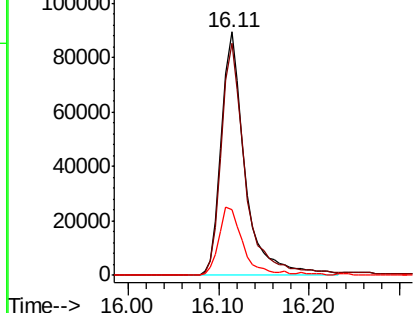
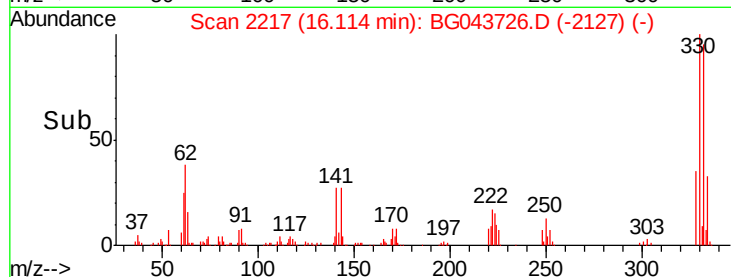
#42
 2,4,6-Tribromophenol
 Concen: 118.000 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 162984
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 29.0 23.4 35.2

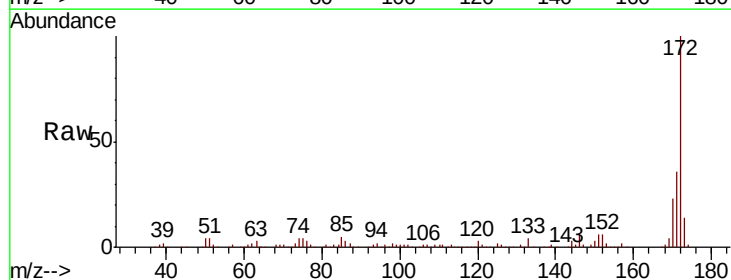


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

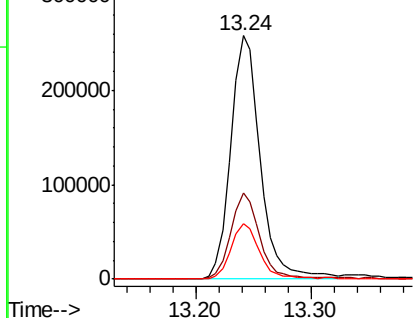
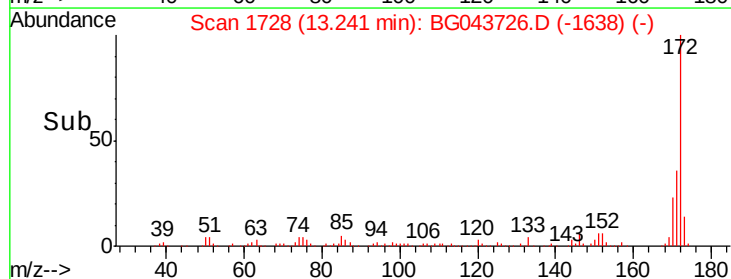


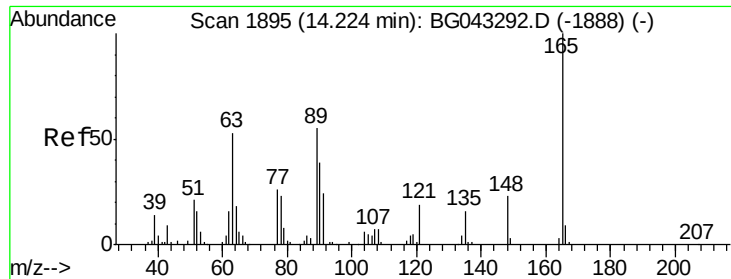
#45
 2-Fluorobiphenyl
 Concen: 87.226 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Tgt Ion:172 Resp: 458166
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.1 42.1
 170 22.9 18.8 28.2



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

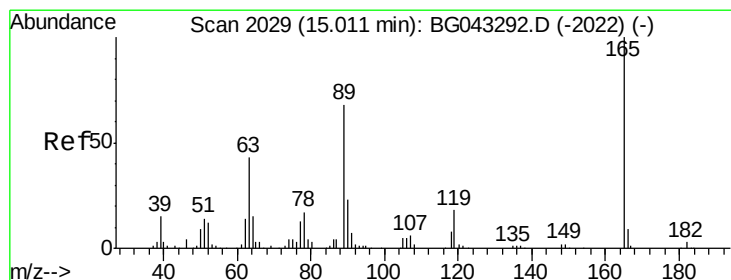
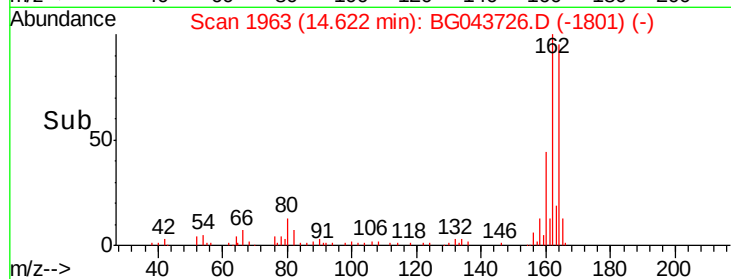
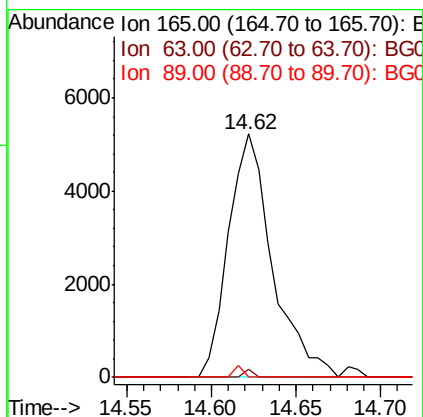
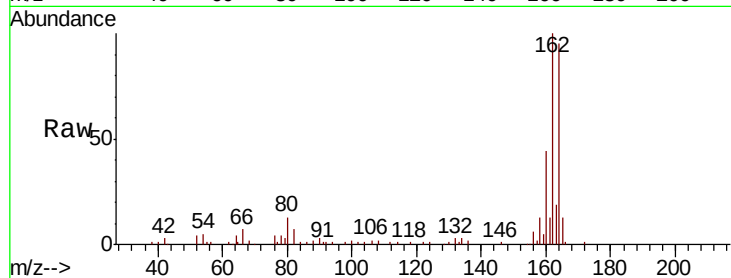




#51
 2,6-Dinitrotoluene
 Concen: 7.741 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.42 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

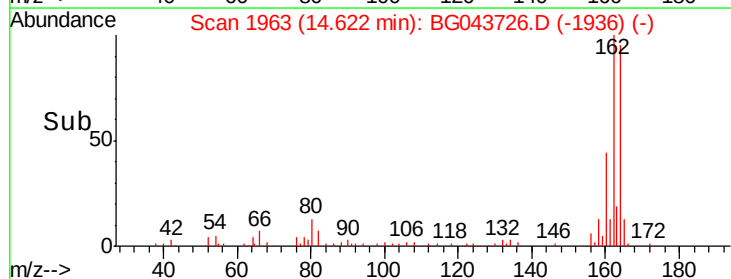
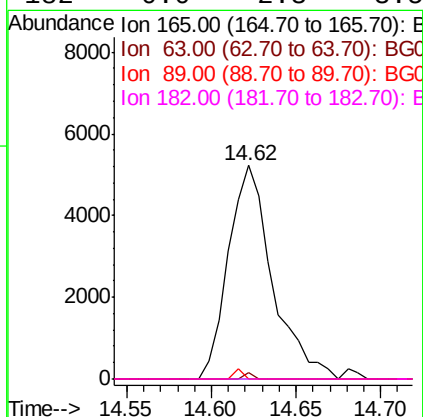
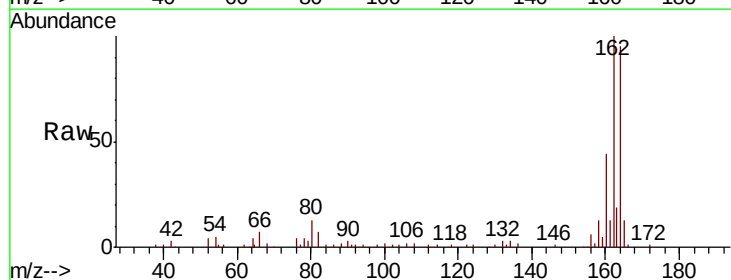
Instrument :
 BNA_G
 ClientSampleId :

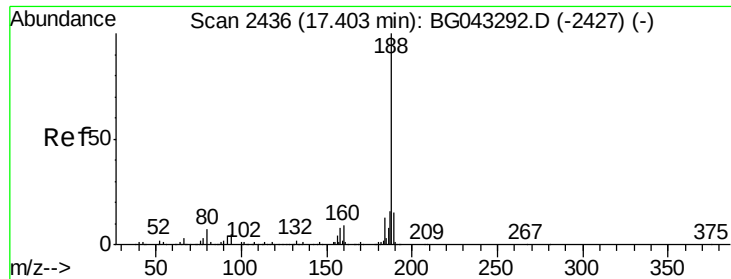
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	45.0	67.6#
89	0.0	39.8	59.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.416 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.37 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_G

ClientSampleId :

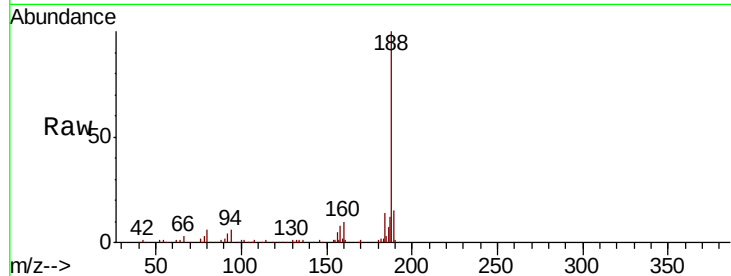
Tot Ion:188 Resp: 182304

Ion Ratio Lower Upper

188 100

94 5.8 4.6 7.0

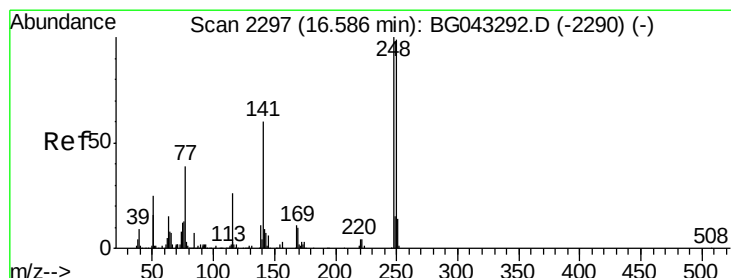
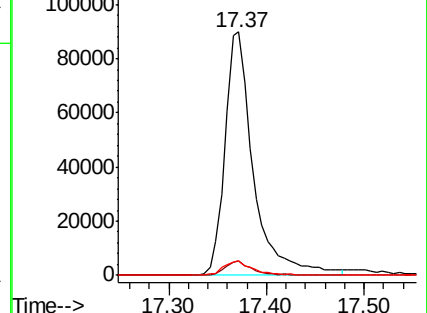
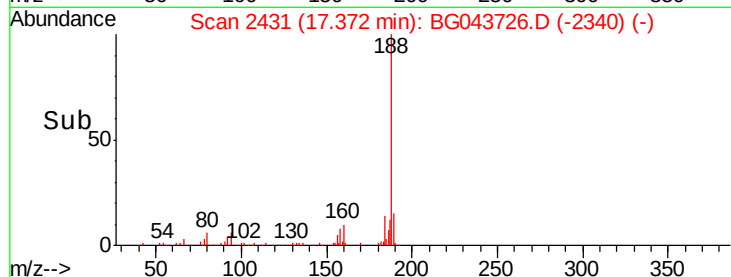
80 5.9 5.2 7.8



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



#67

4-Bromophenyl-phenylether

Concen: 4.123 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.44 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

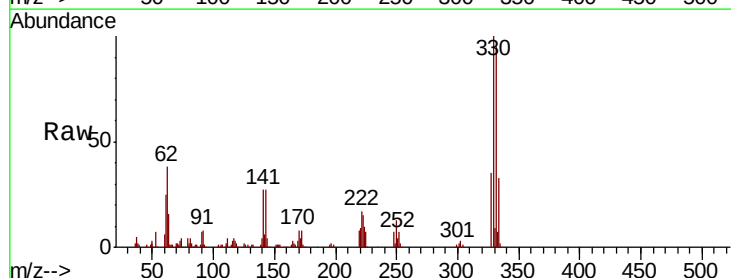
Tgt Ion:248 Resp: 10116

Ion Ratio Lower Upper

248 100

250 195.8 76.3 114.5#

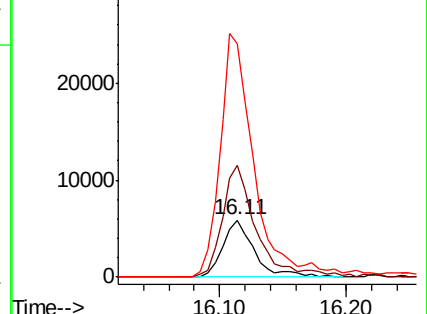
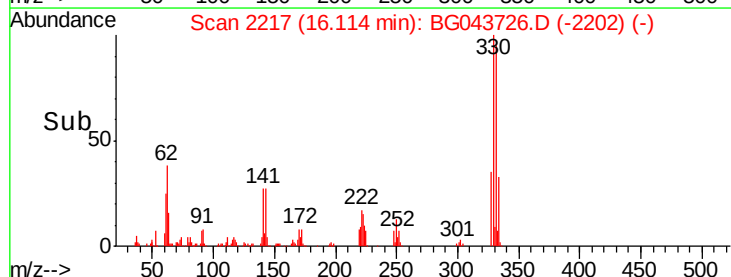
141 410.5 49.5 74.3#

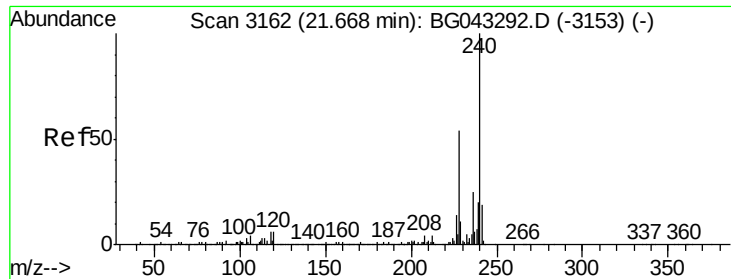


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

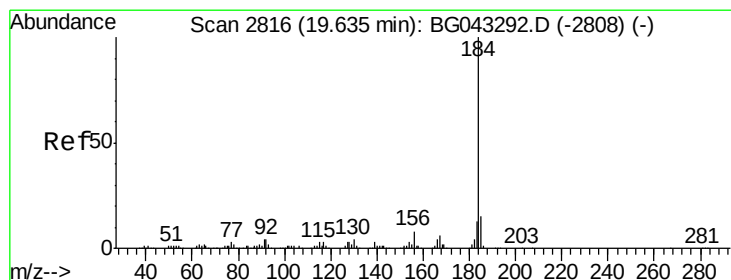
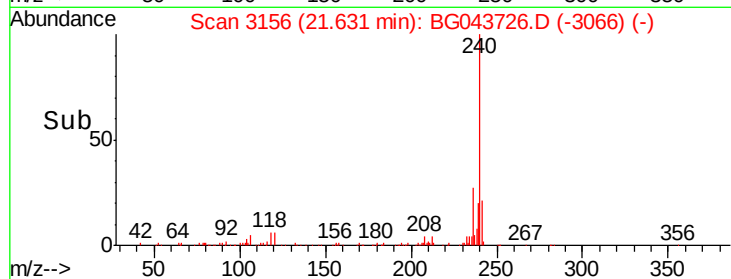
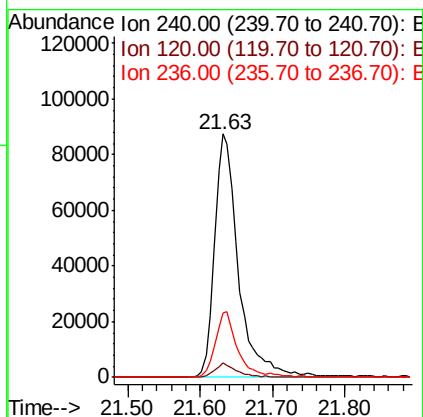
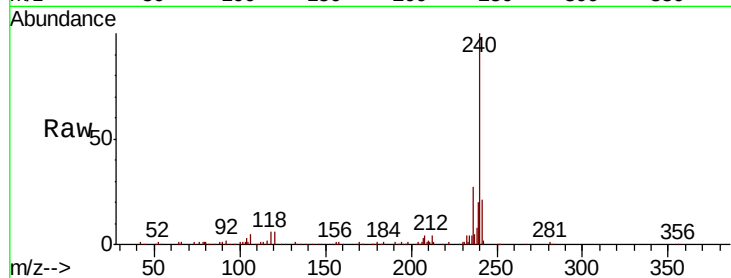




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

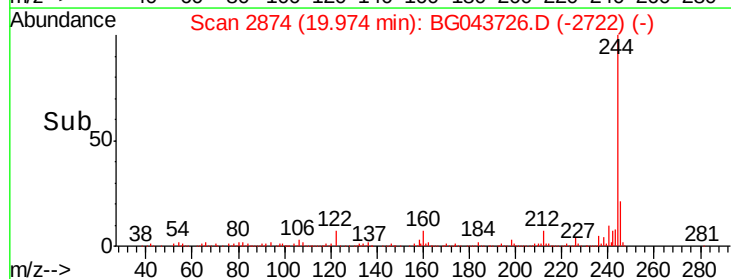
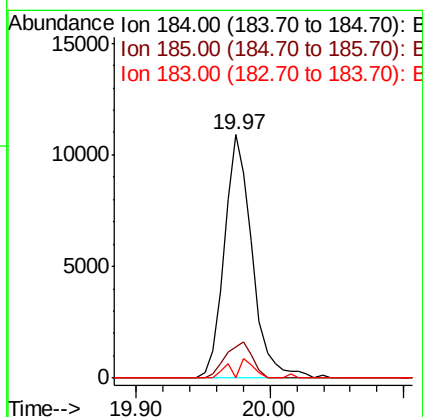
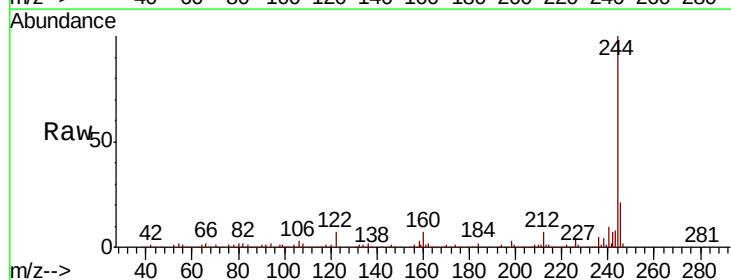
Instrument :
BNA_G
ClientSampleId :

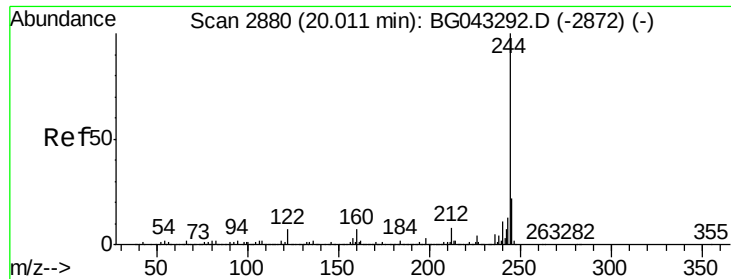
Tot Ion:240 Resp: 199591
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 26.5 21.4 32.0



#77
Benzidine
Concen: 3.958 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.36 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Tgt Ion:184 Resp: 15899
Ion Ratio Lower Upper
184 100
185 12.9 12.7 19.1
183 0.0 8.8 13.2#

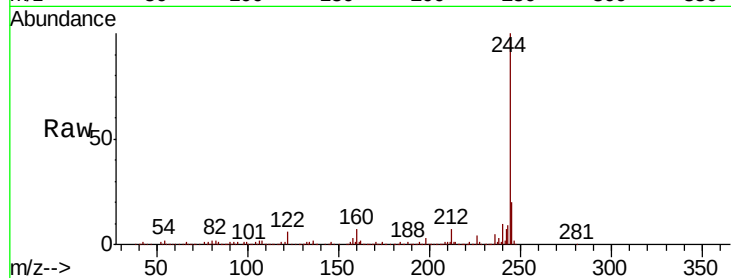




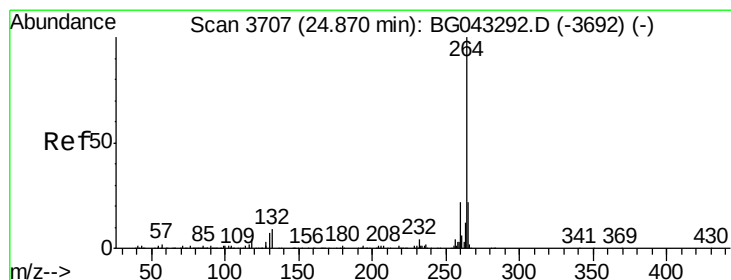
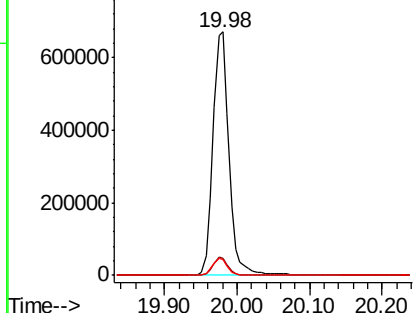
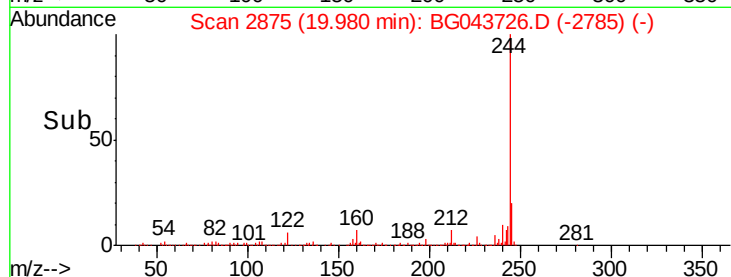
#79
 Terphenyl-d14
 Concen: 97.211 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1034211
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.4 5.2 7.8

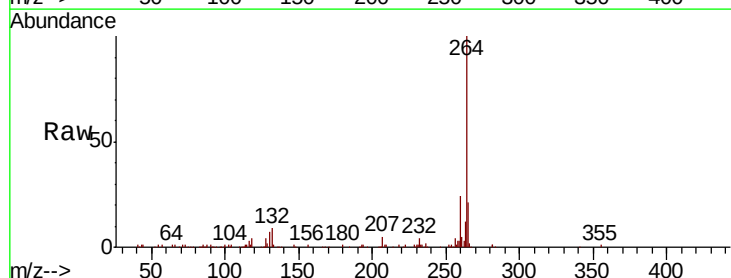


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Tgt Ion:264 Resp: 228557
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 20.9 15.8 23.8



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

