

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042650.D
 Acq On : 1 Sep 2019 2:47
 Operator : HP/JU
 Sample : K4547-30
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 04:10:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32587	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122308	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88104	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	208714	20.00	ng	0.00
76) Chrysene-d12	21.68	240	238792	20.00	ng	-0.02
87) Perylene-d12	24.92	264	273429	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	207570	129.01	ng	0.00
7) Phenol-d6	7.16	99	245125	112.78	ng	0.00
23) Nitrobenzene-d5	9.16	82	178221	100.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	179040	142.97	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	568924	109.21	ng	0.00
79) Terphenyl-d14	20.02	244	1163607	105.35	ng	0.00

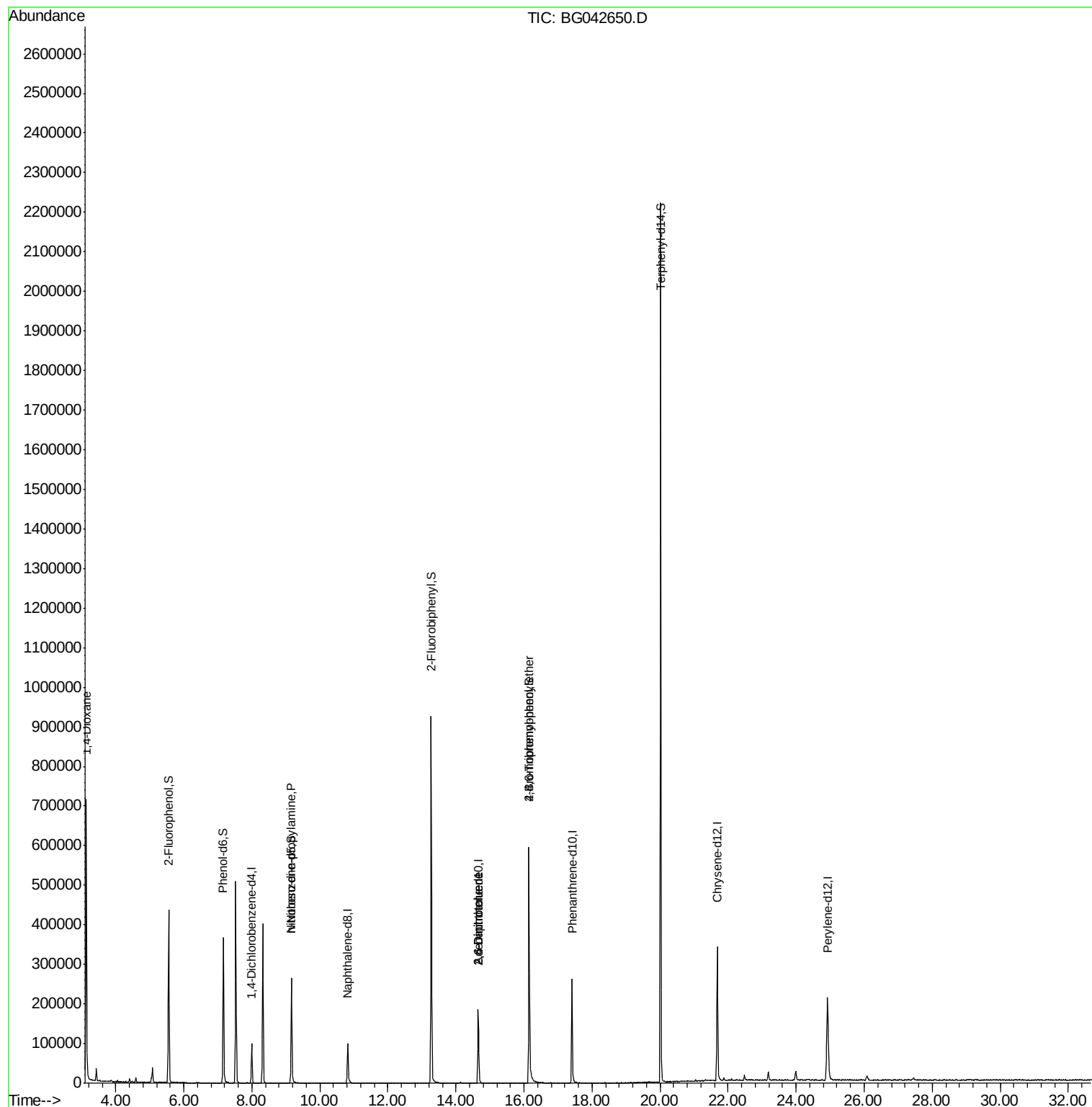
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	7408	11.033	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	24200	17.187	ng	# 73
51) 2,6-Dinitrotoluene	14.65	165	11300	7.669	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	11301	5.356	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11946	4.512	ng	# 1

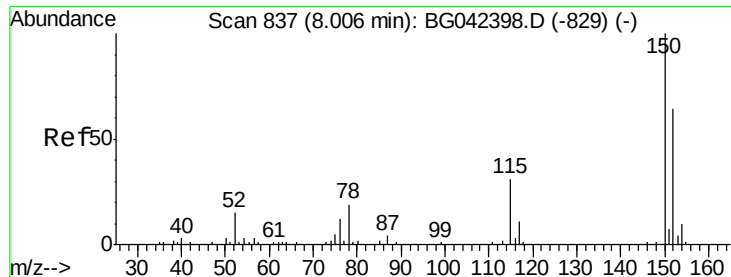
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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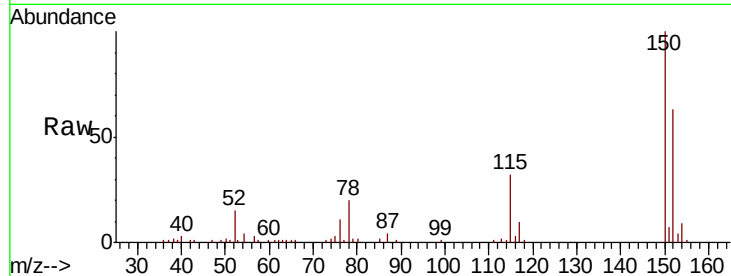


#1

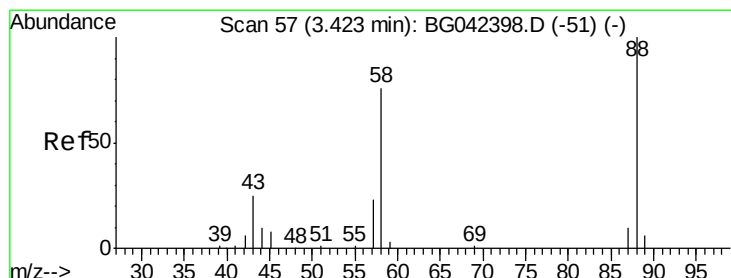
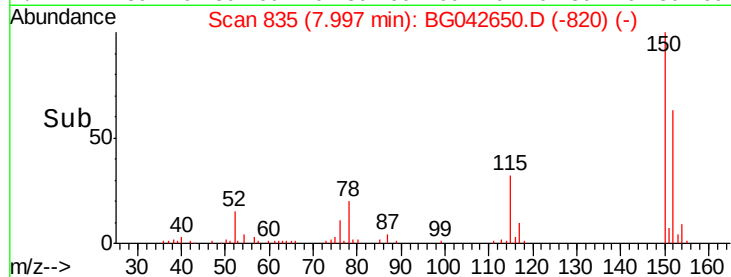
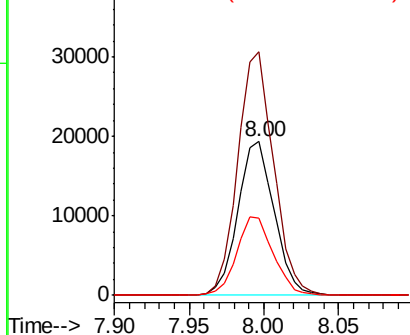
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32587
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.0
115 50.6 38.5 57.7



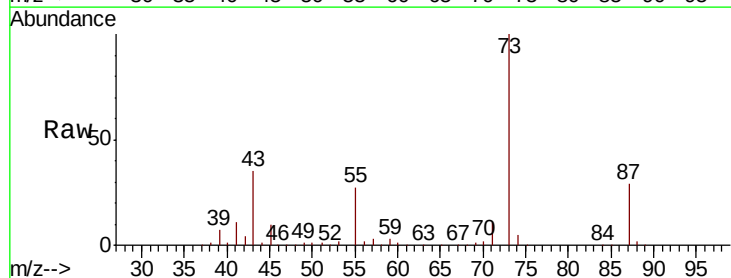
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



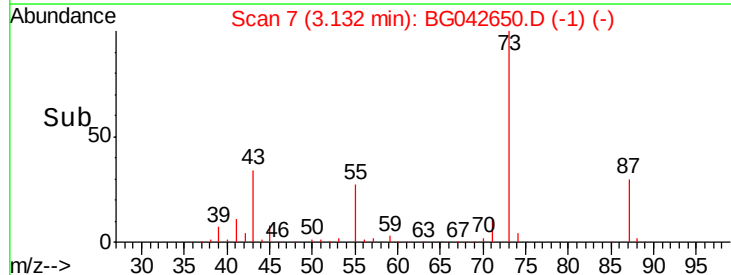
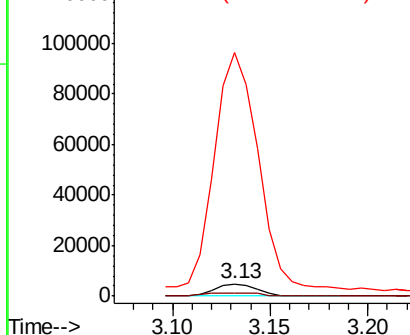
#2

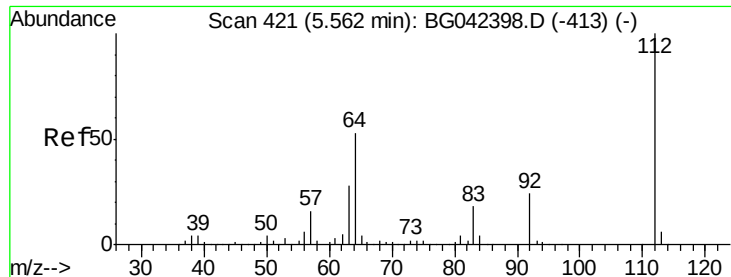
1,4-Dioxane
Concen: 11.033 ng
RT: 3.13 min Scan# 7
Delta R.T. -0.29 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion: 88 Resp: 7408
Ion Ratio Lower Upper
88 100
58 25.9 58.3 87.5#
43 2040.2 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 129.005 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

Instrument :

BNA_G

ClientSampled :

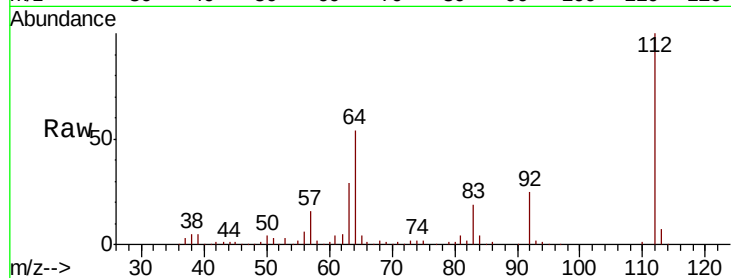
Tot Ion: 112 Resp: 207570

Ion Ratio Lower Upper

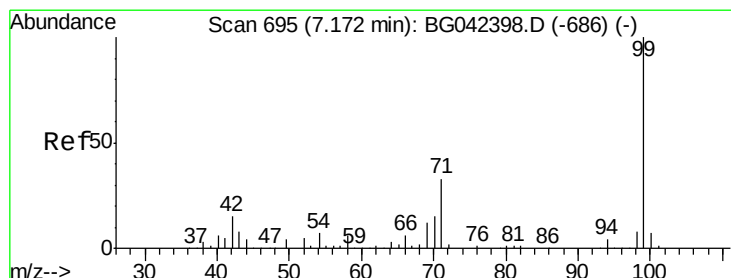
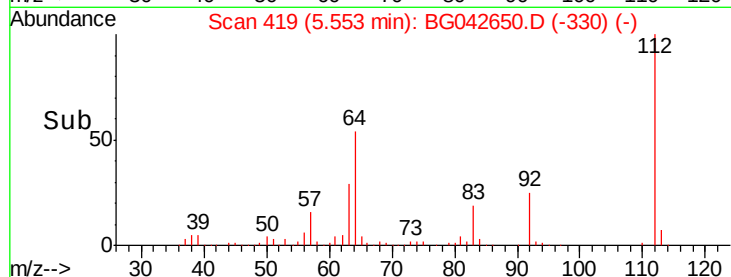
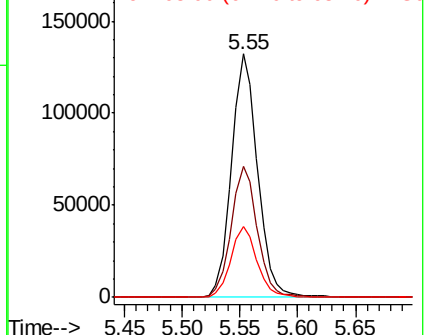
112 100

64 54.0 42.8 64.2

63 29.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 112.784 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

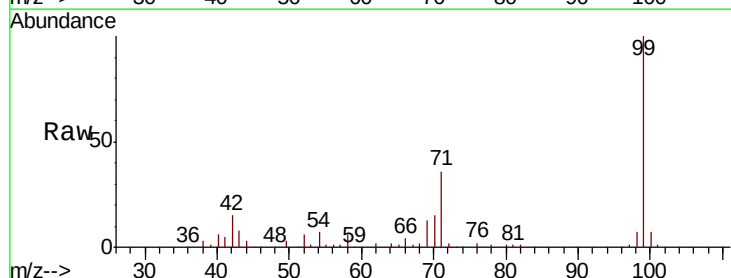
Tgt Ion: 99 Resp: 245125

Ion Ratio Lower Upper

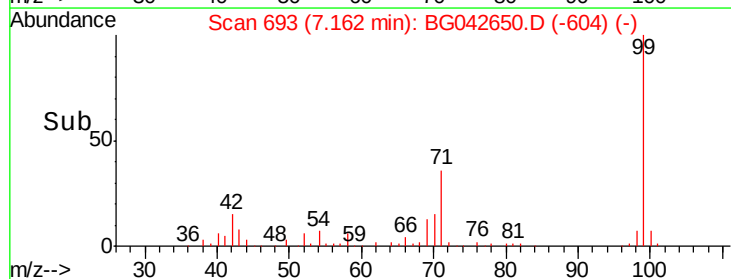
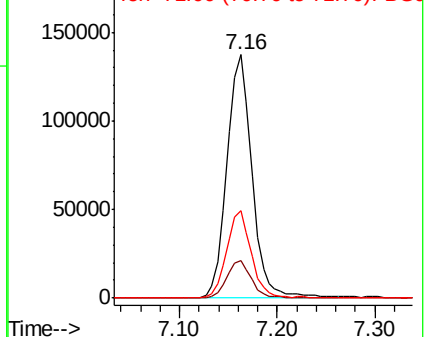
99 100

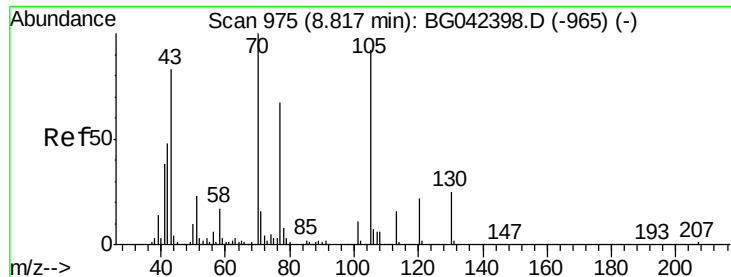
42 15.3 12.0 18.0

71 35.8 26.3 39.5



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

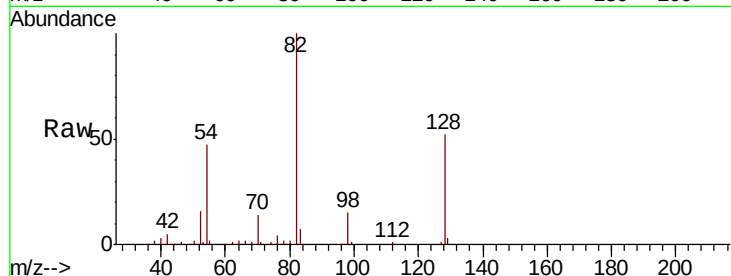




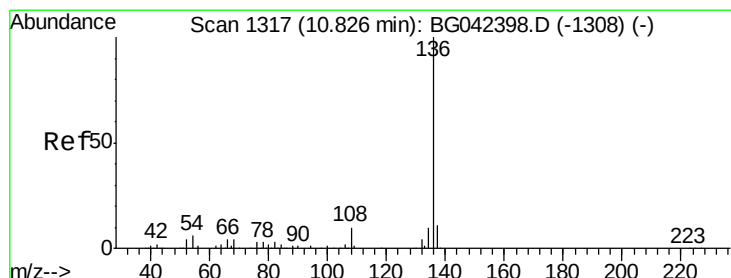
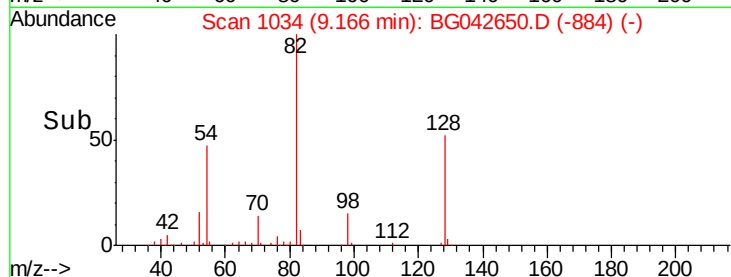
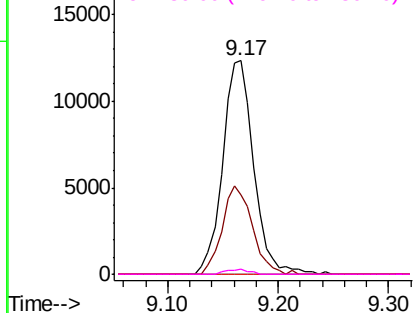
#19
n-Nitroso-di-n-propylamine
Concen: 17.187 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 24200
Ion Ratio Lower Upper
70 100
42 37.1 38.8 58.2#
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#

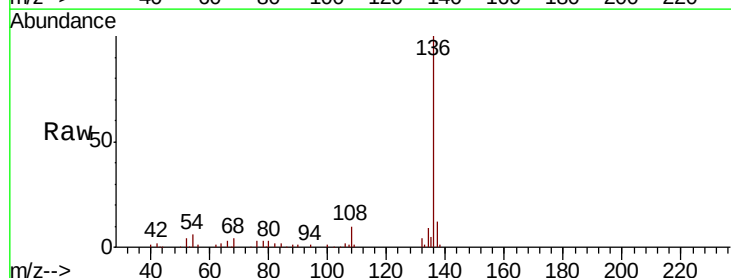


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

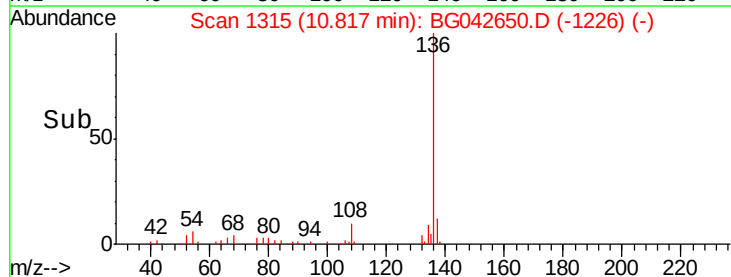
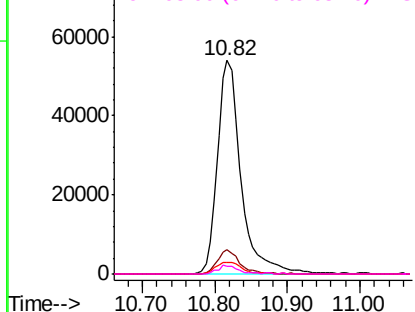


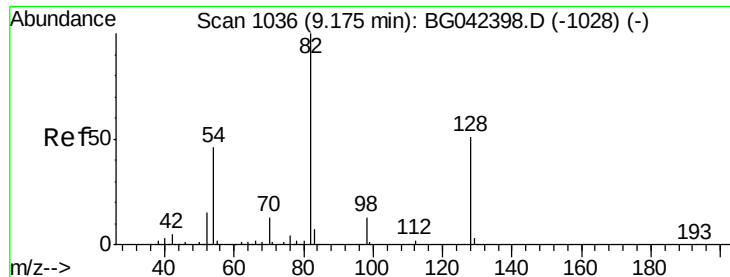
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion:136 Resp: 122308
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 5.6 4.9 7.3
68 3.5 3.6 5.4#



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

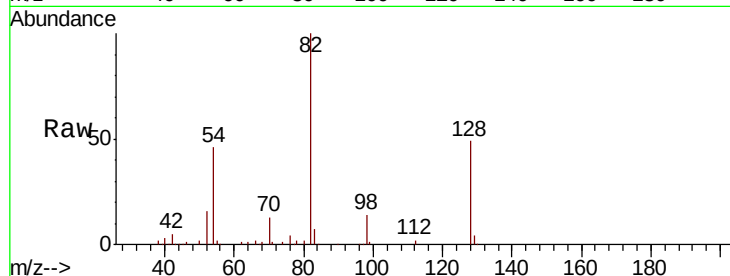




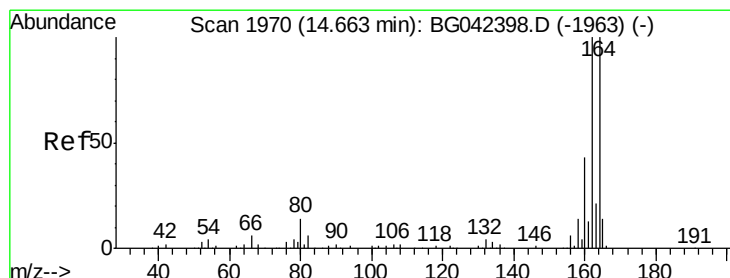
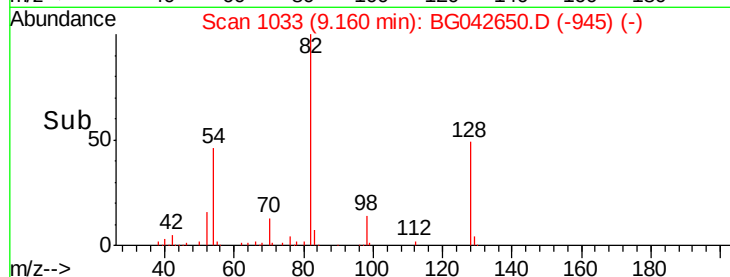
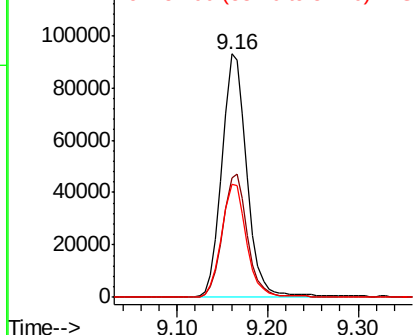
#23
Nitrobenzene-d5
Concen: 100.695 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 178221
Ion Ratio Lower Upper
82 100
128 49.1 40.7 61.1
54 46.2 36.3 54.5

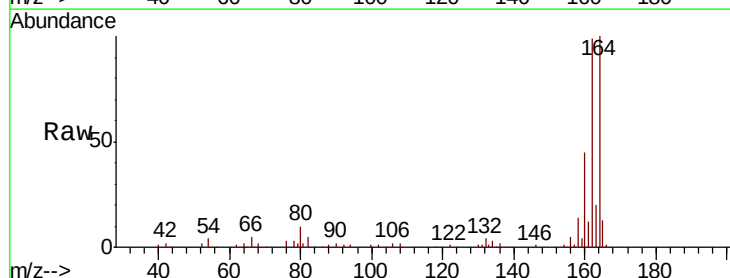


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

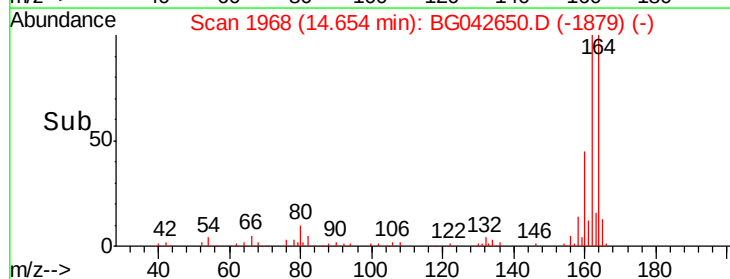
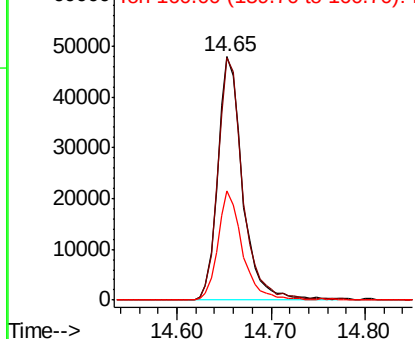


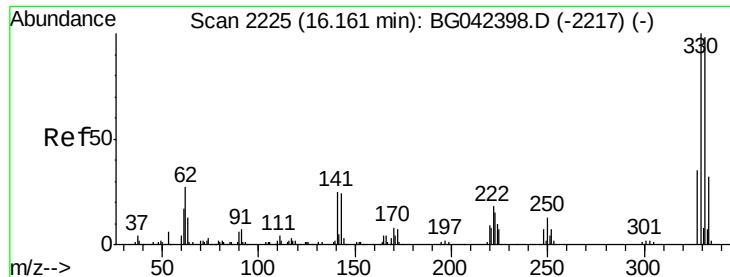
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion:164 Resp: 88104
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 45.0 34.3 51.5



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

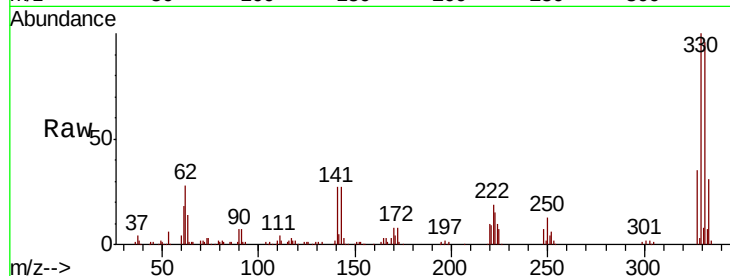




#42
 2,4,6-Tribromophenol
 Concen: 142.974 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	332	141
Resp:	179040		
Ion Ratio	100	99.2	26.7
Lower		77.4	21.4
Upper		116.0	32.0

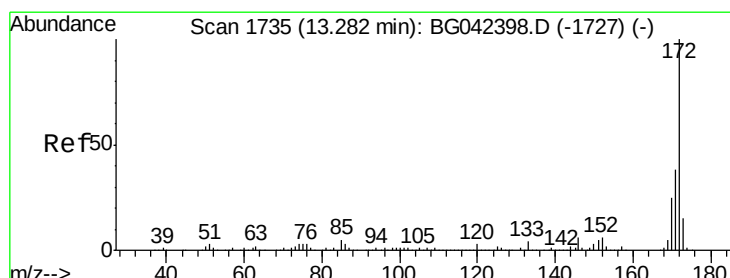
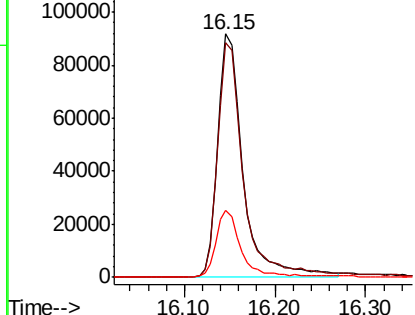
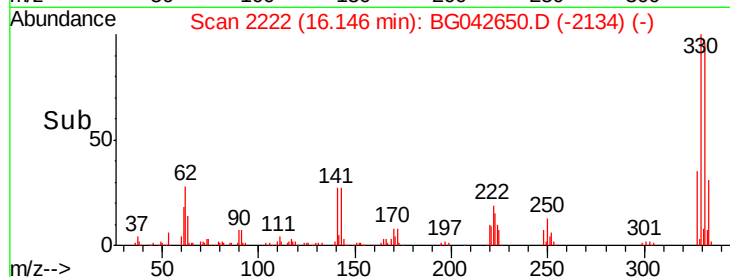


Abundance

Ion 329.80 (329.50 to 330.50): E

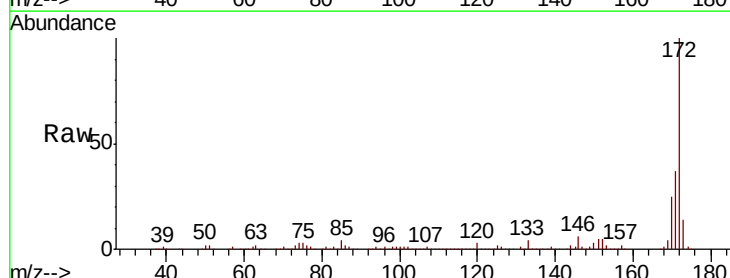
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.213 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Tgt Ion	172	171	170
Resp:	568924		
Ion Ratio	100	37.3	24.6
Lower		30.5	20.2
Upper		45.7	30.2

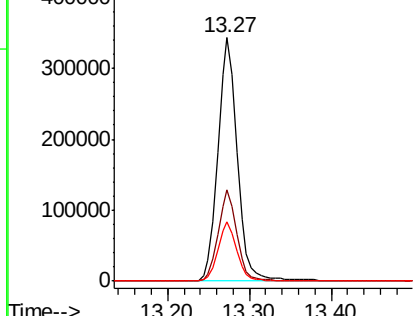
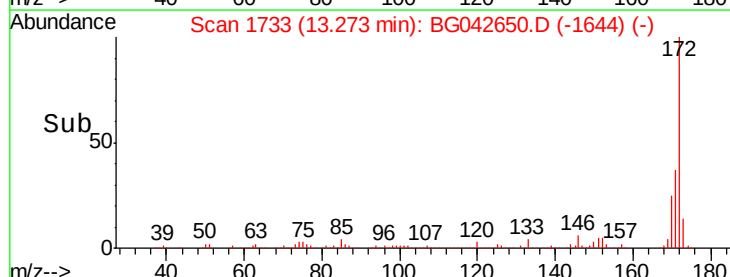


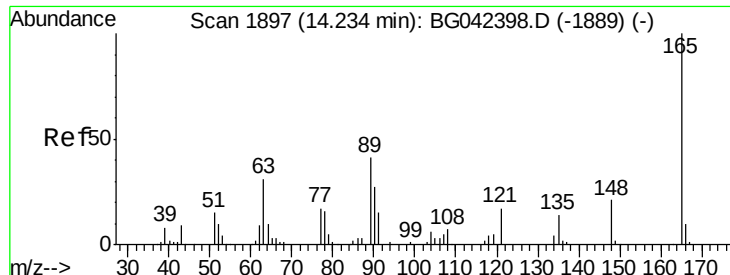
Abundance

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

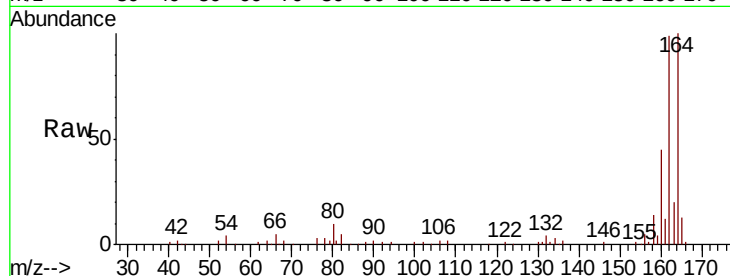




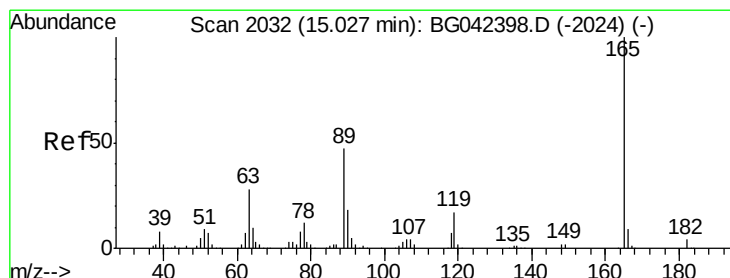
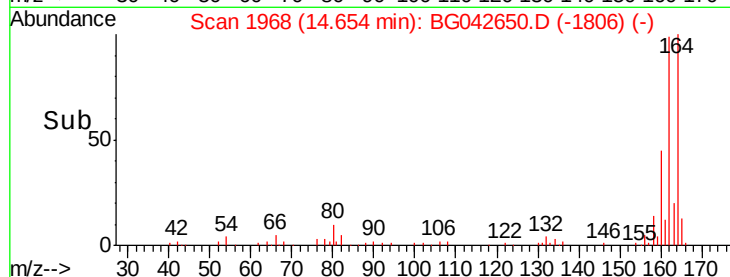
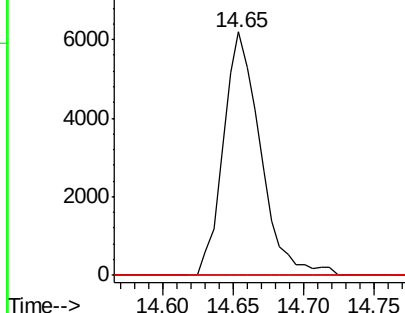
#51
 2,6-Dinitrotoluene
 Concen: 7.669 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.42 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



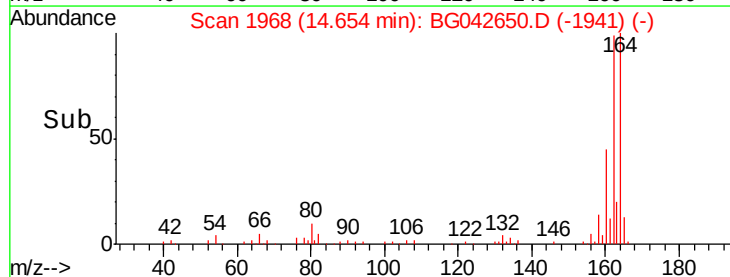
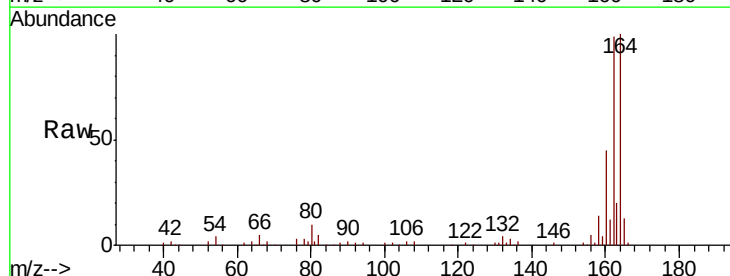
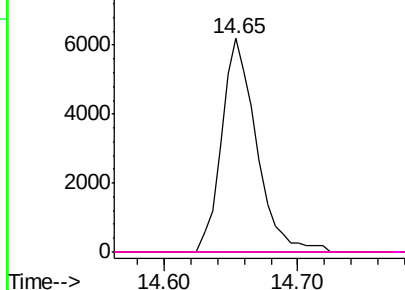
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

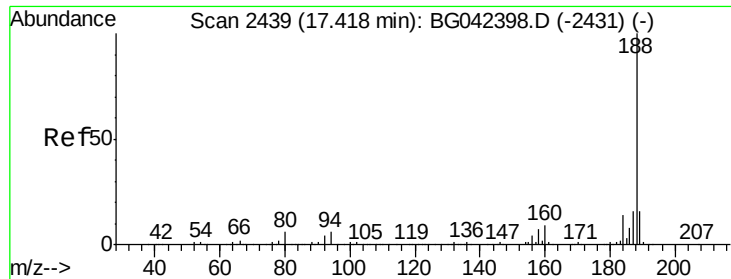


#57
 2,4-Dinitrotoluene
 Concen: 5.356 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

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

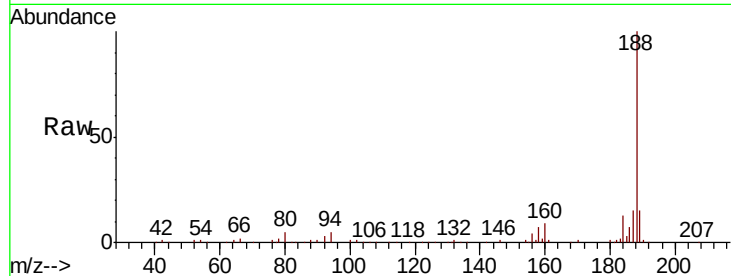




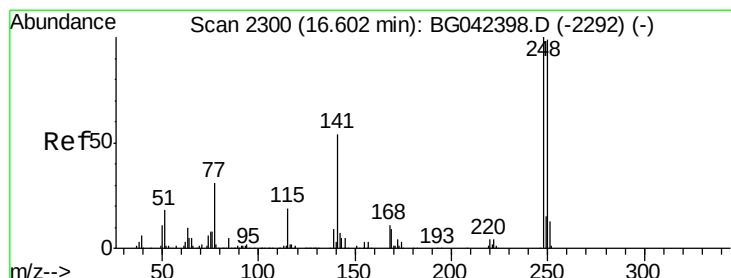
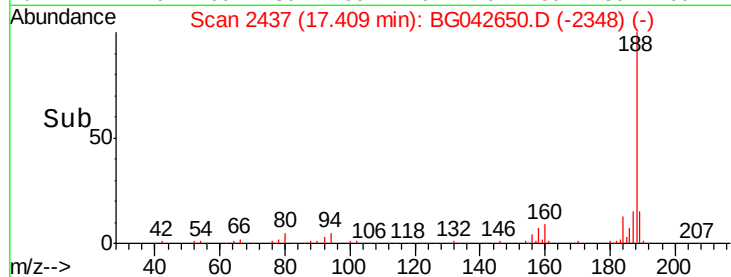
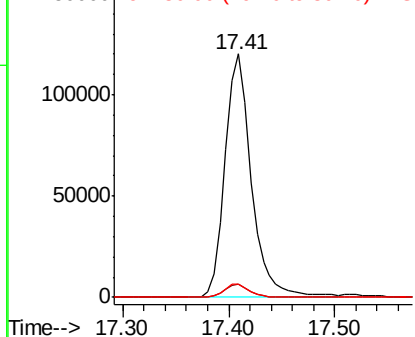
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 208714
 Ion Ratio Lower Upper
 188 100
 94 5.2 4.5 6.7
 80 5.4 4.9 7.3

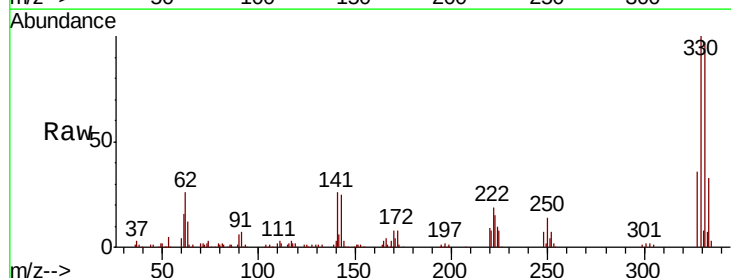


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

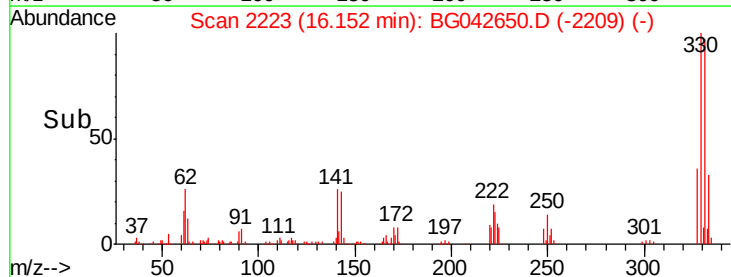
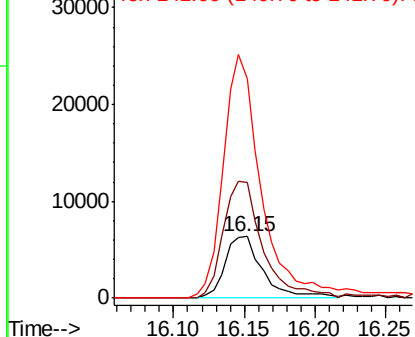


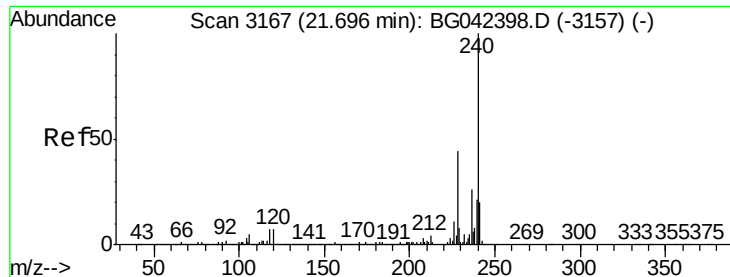
#67
 4-Bromophenyl-phenylether
 Concen: 4.512 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Tgt Ion:248 Resp: 11946
 Ion Ratio Lower Upper
 248 100
 250 189.0 78.9 118.3#
 141 356.9 43.3 64.9#



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

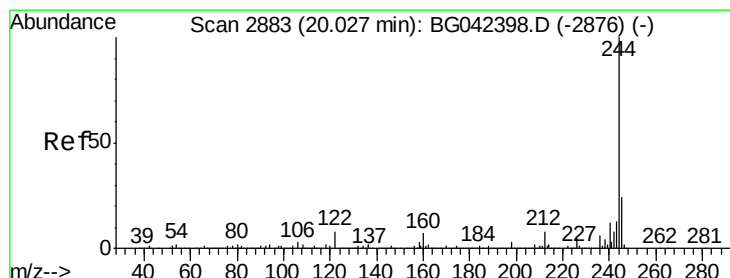
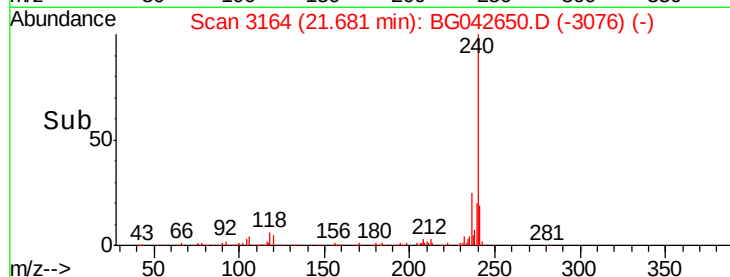
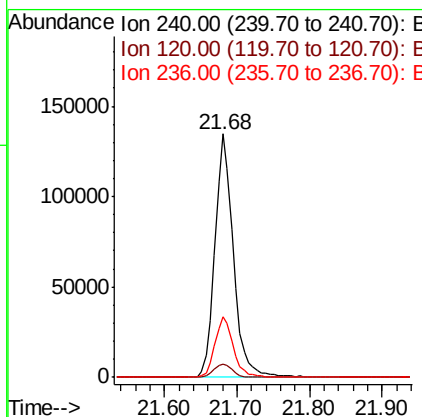
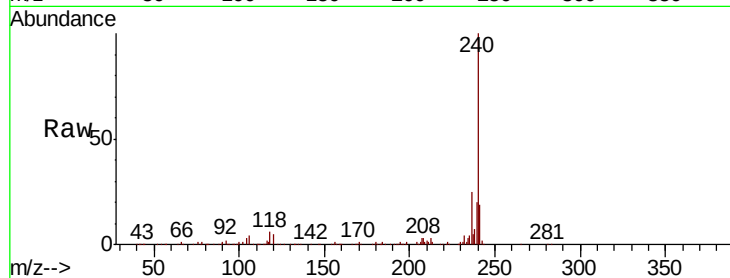




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

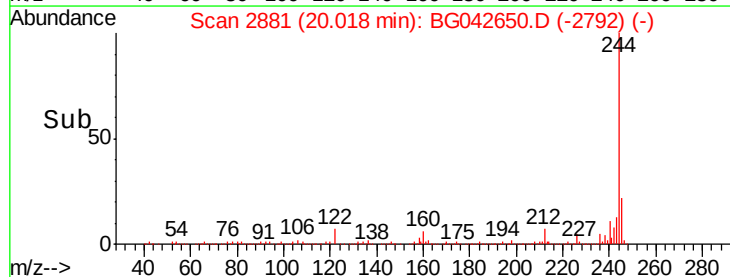
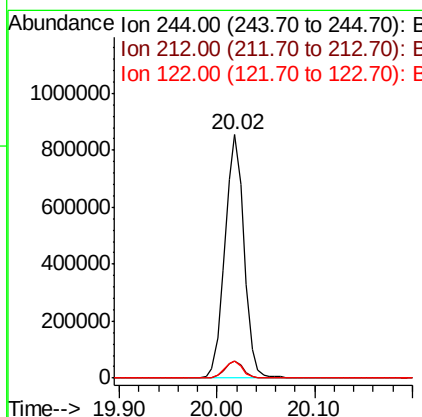
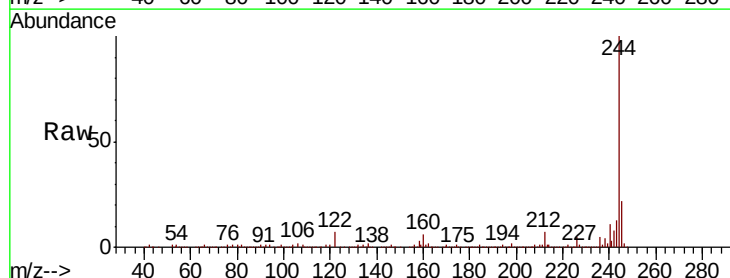
Instrument :
BNA_G
ClientSampleId :

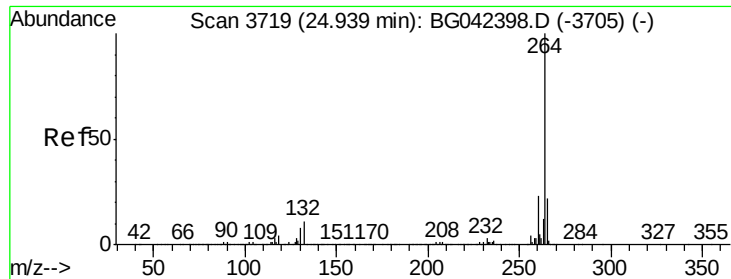
Tot Ion:240 Resp: 238792
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.8 21.0 31.4



#79
Terphenyl-d14
Concen: 105.348 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion:244 Resp: 1163607
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 6.9 6.7 10.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	23.2	17.6	26.4

