

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043542.D
 Acq On : 7 Nov 2019 16:55
 Operator : JU
 Sample : PB124591BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Quant Time: Nov 08 04:15:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

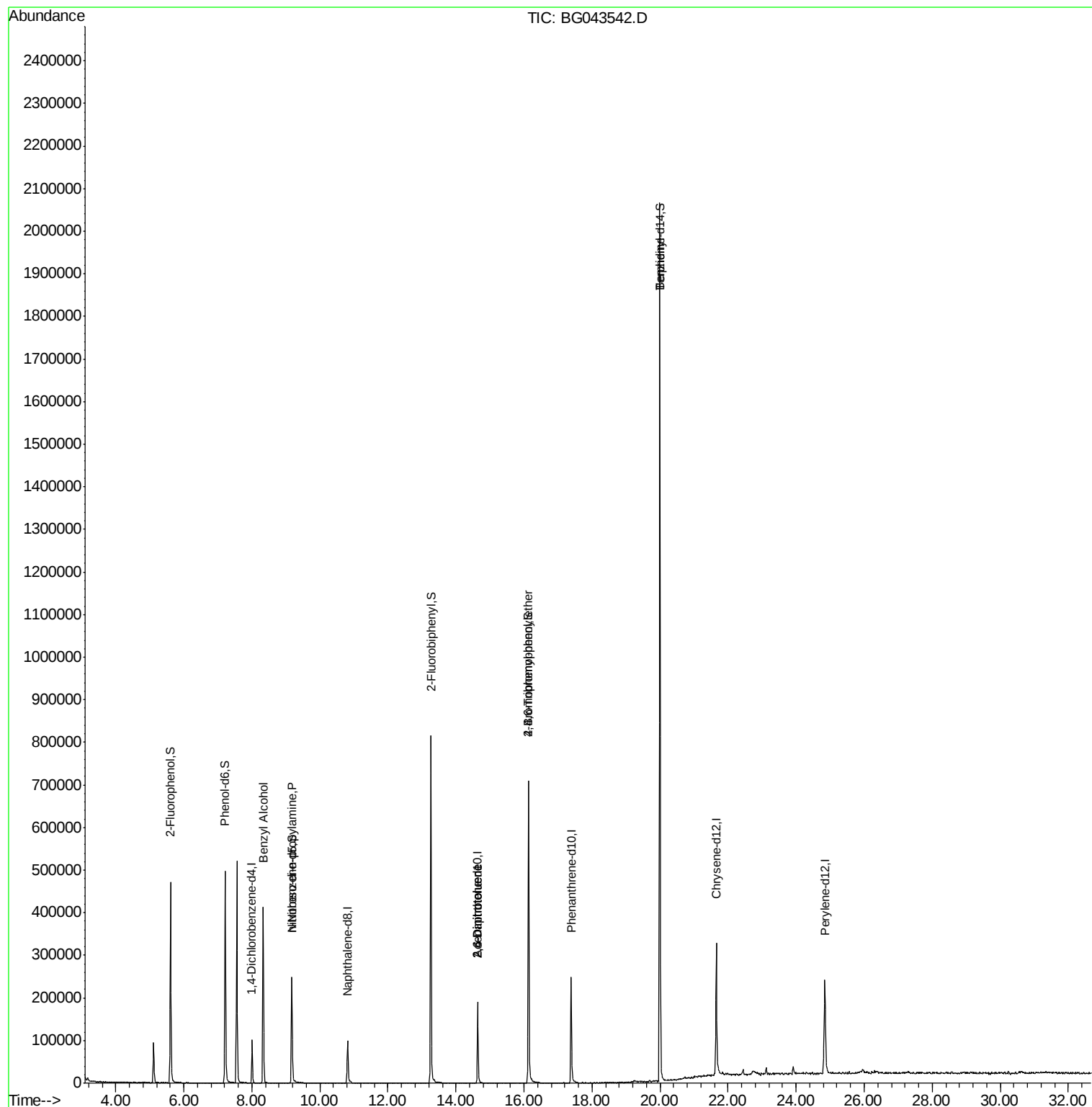
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32090	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110835	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	79190	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	196027	20.00	ng	0.00
76) Chrysene-d12	21.65	240	226482	20.00	ng	0.00
87) Perylene-d12	24.84	264	255366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	228485	130.47	ng	0.02
7) Phenol-d6	7.22	99	315533	125.23	ng	0.02
23) Nitrobenzene-d5	9.17	82	181123	84.25	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189516	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	487481	85.06	ng	0.00
79) Terphenyl-d14	19.99	244	1101375	91.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	3554	2.008	ng	# 61
19) n-Nitroso-di-n-propylamine	9.17	70	25149	15.447	ng	# 79
51) 2,6-Dinitrotoluene	14.64	165	10080	7.564	ng	# 22
57) 2,4-Dinitrotoluene	14.64	165	10080	5.293	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	11935	4.524	ng	# 1
77) Benzidine	19.99	184	15838	3.475	ng	# 79

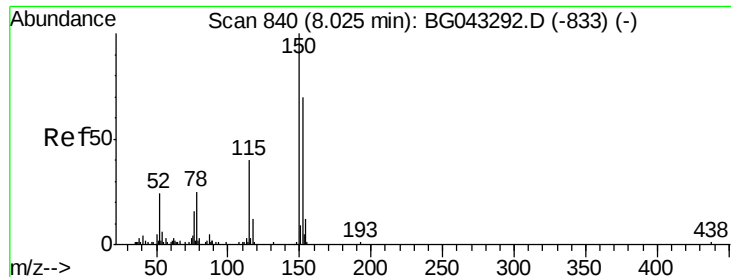
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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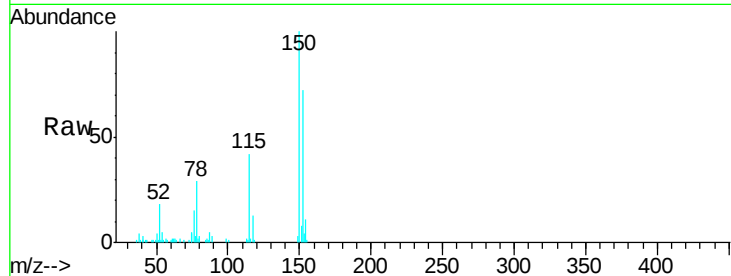


#1

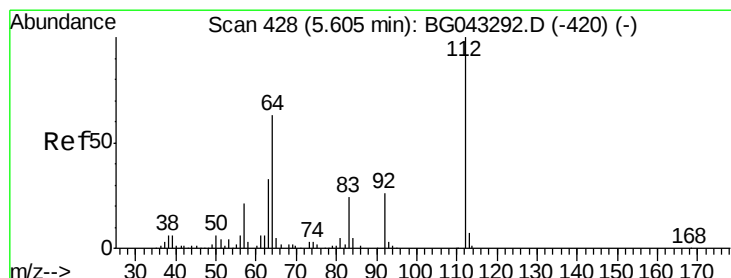
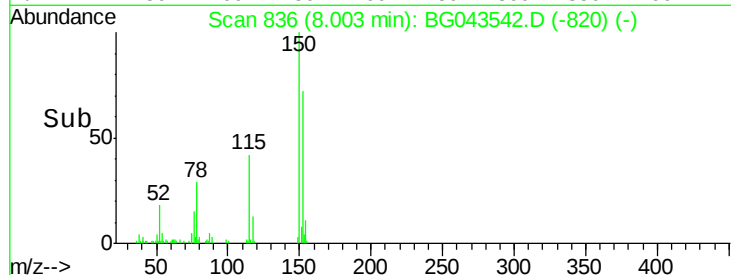
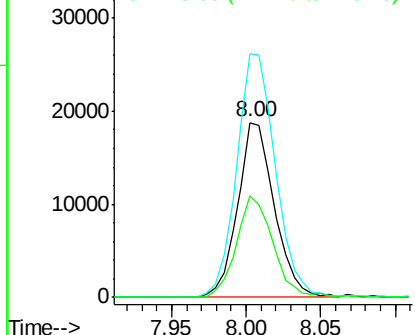
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Instrument :
BNA_G
ClientSampleId :
PB124591BL

Tgt Ion:152 Resp: 32090
Ion Ratio Lower Upper
152 100
150 139.4 129.4 194.0
115 58.4 48.8 73.2



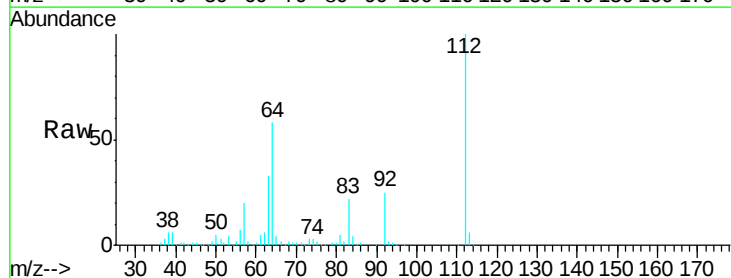
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



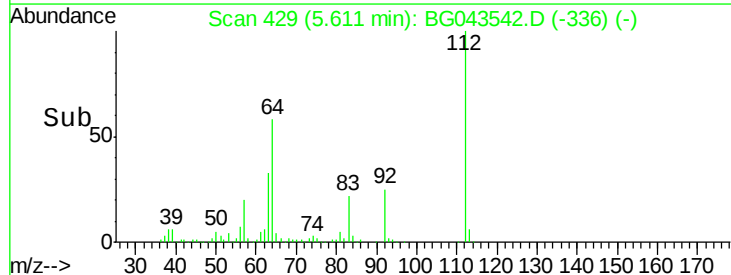
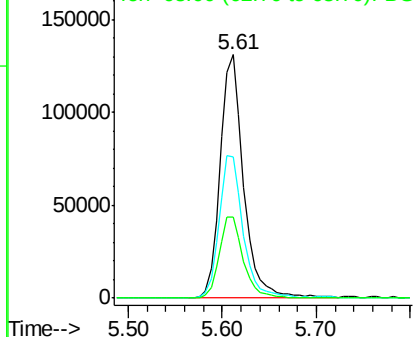
#5

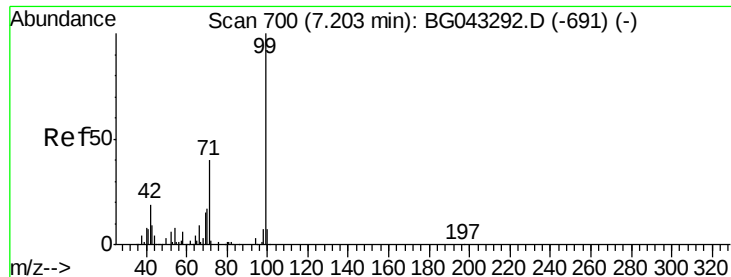
2-Fluorophenol
Concen: 130.473 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Tgt Ion:112 Resp: 228485
Ion Ratio Lower Upper
112 100
64 58.0 50.0 75.0
63 33.4 26.6 40.0



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: 125.232 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

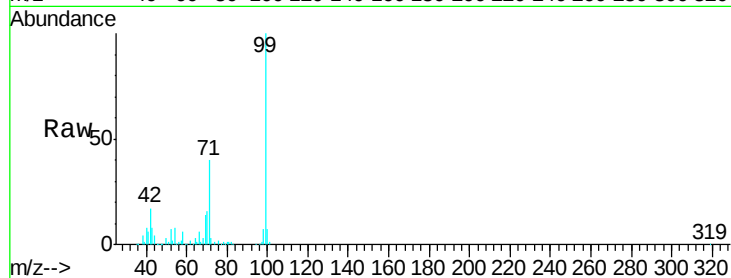
Tgt Ion: 99 Resp: 315533

Ion Ratio Lower Upper

99 100

42 17.2 14.6 21.8

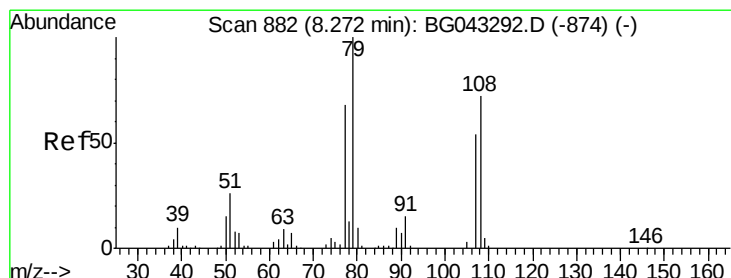
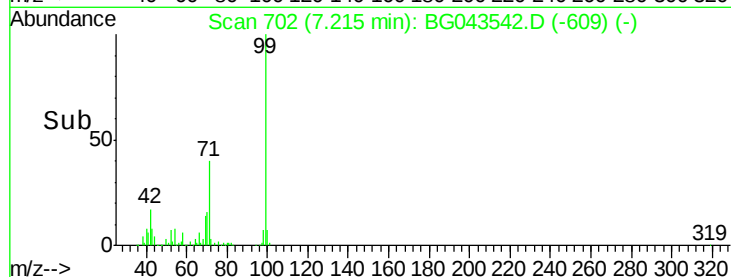
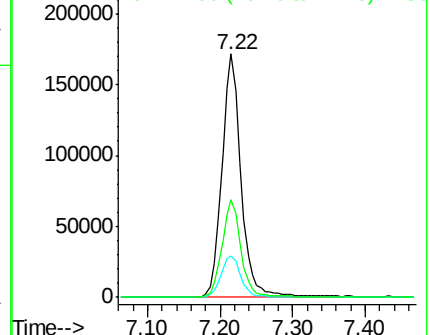
71 39.9 32.5 48.7



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: 2.008 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.08 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

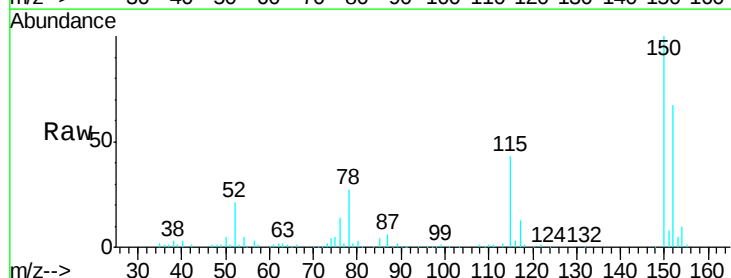
Tgt Ion: 79 Resp: 3554

Ion Ratio Lower Upper

79 100

108 44.0 53.6 80.4#

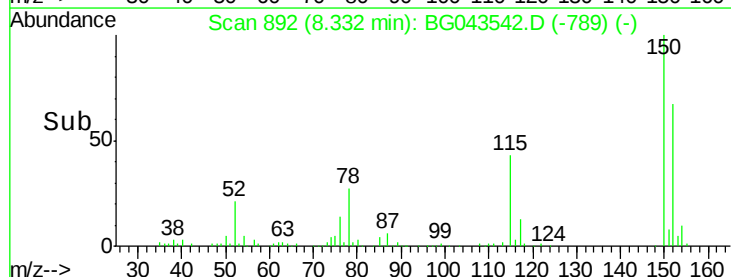
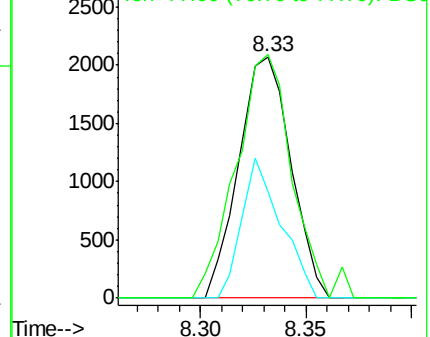
77 100.9 49.6 74.4#

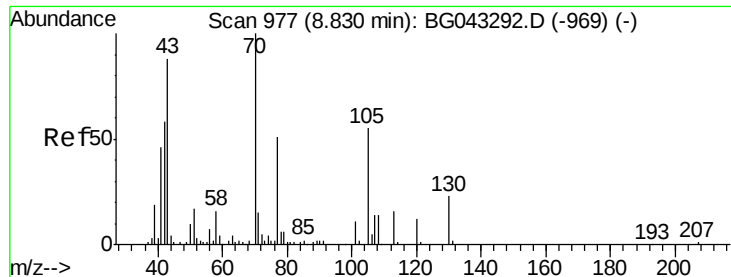


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

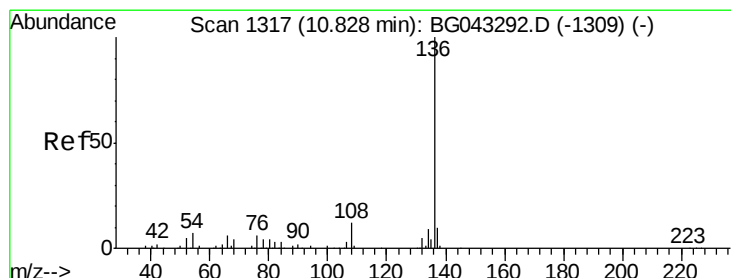
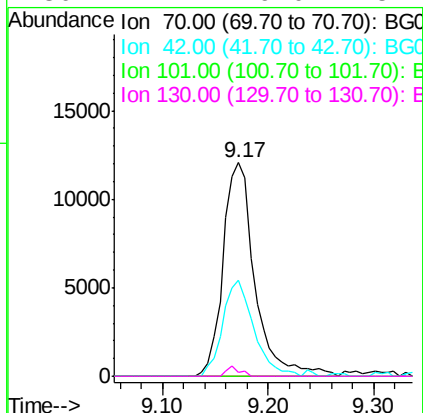
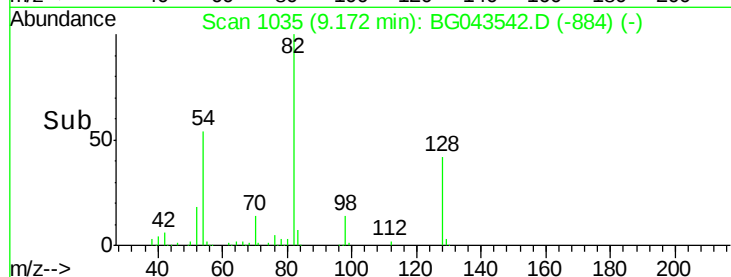
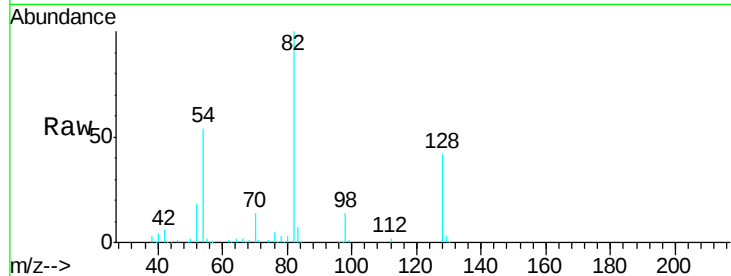




#19
n-Nitroso-di-n-propylamine
Concen: 15.447 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

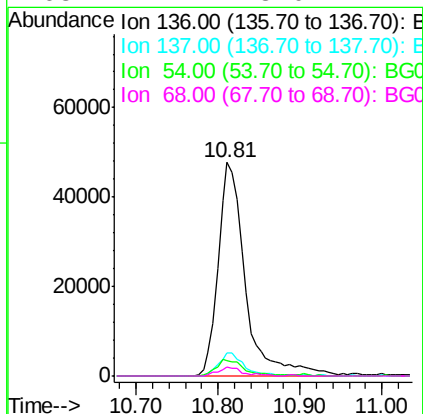
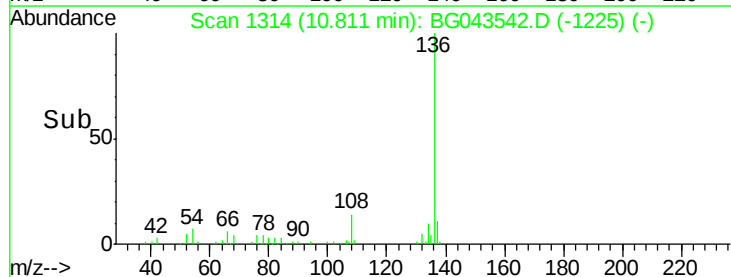
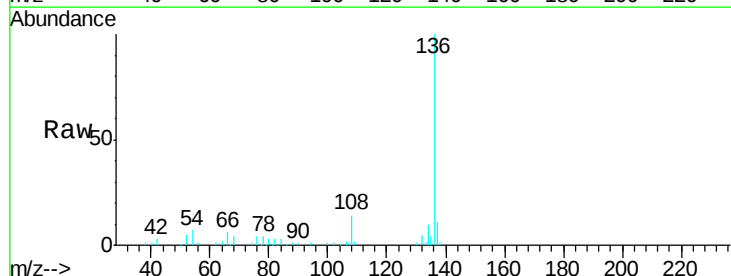
Instrument :
BNA_G
ClientSampleId :
PB124591BL

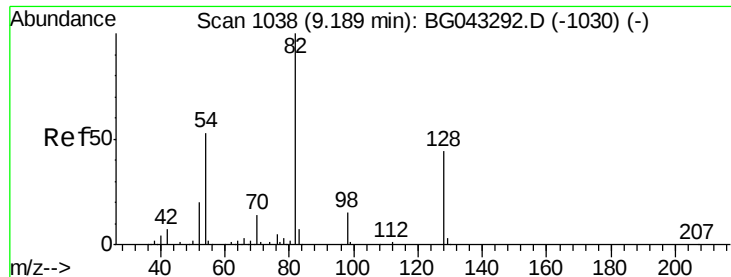
Tgt Ion: 70 Resp: 25149
Ion Ratio Lower Upper
70 100
42 45.1 41.4 62.2
101 0.0 7.9 11.9#
130 2.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Tgt Ion:136 Resp: 110835
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.3 5.4 8.2
68 4.2 3.0 4.4

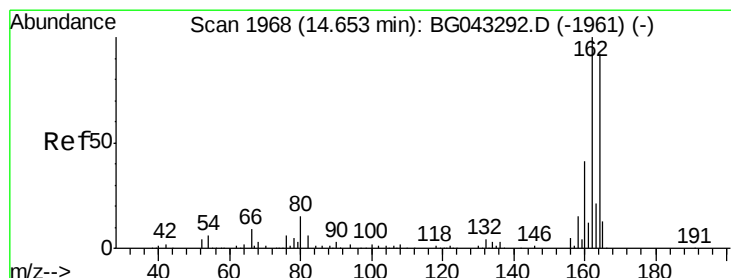
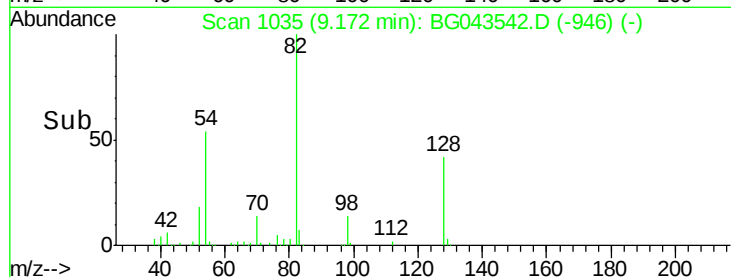
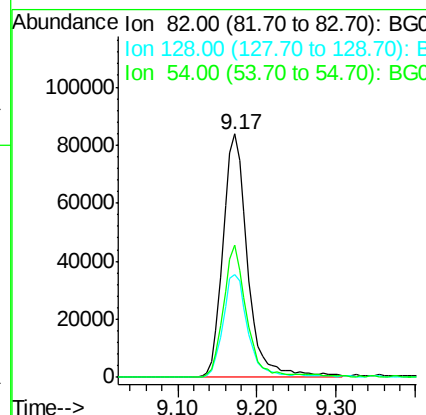
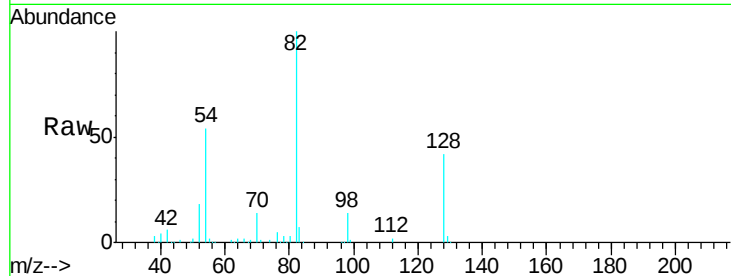




#23
 Nitrobenzene-d5
 Concen: 84.249 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

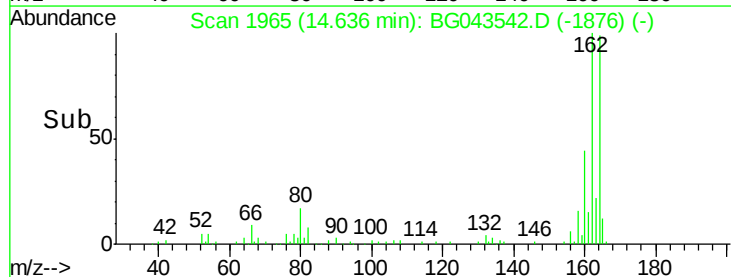
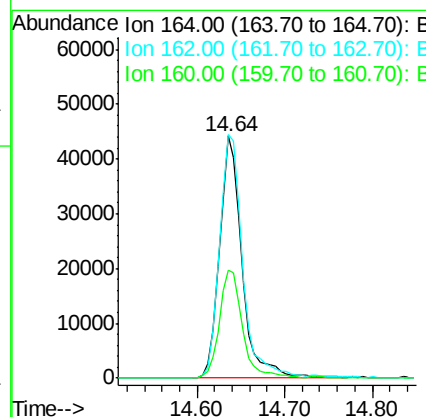
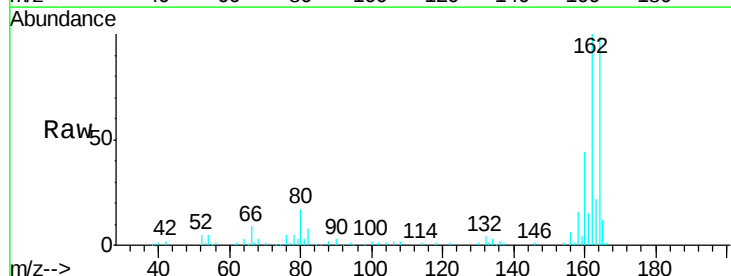
Instrument :
 BNA_G
 ClientSampled :
 PB124591BL

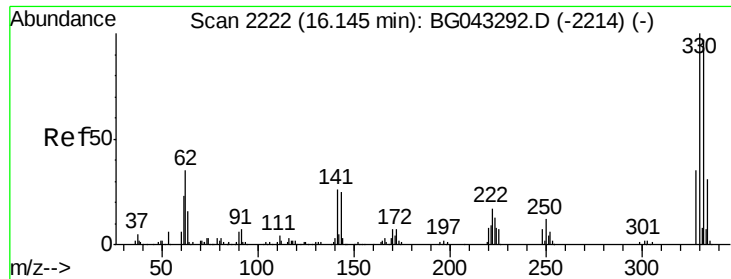
Tgt Ion: 82 Resp: 181123
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.0 52.6
 54 54.3 40.2 60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Tgt Ion: 164 Resp: 79190
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.5 125.3
 160 44.4 36.5 54.7

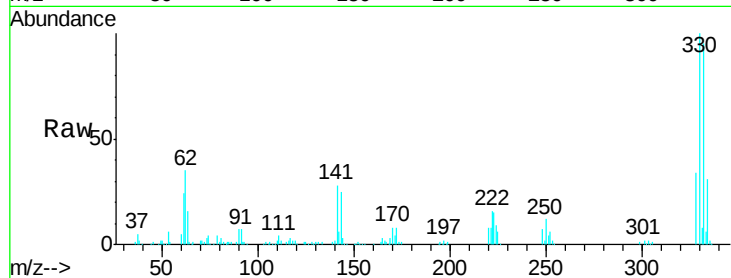




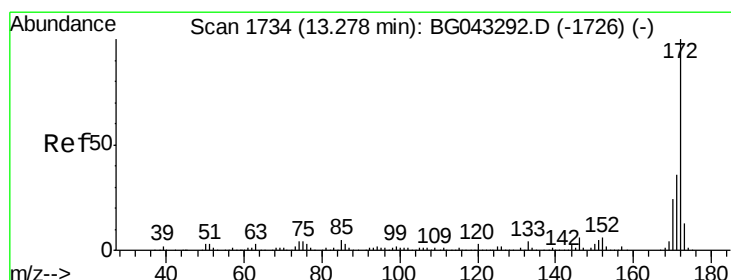
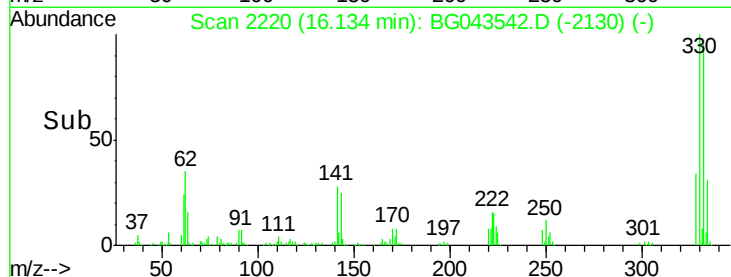
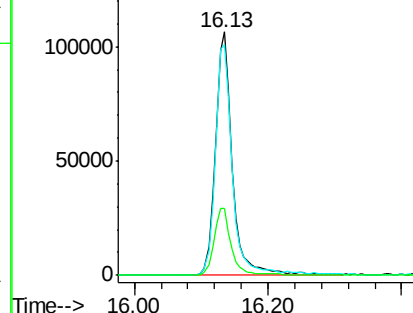
#42
 2,4,6-Tribromophenol
 Concen: 125.758 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.4	116.0
141	27.9	22.8	34.2

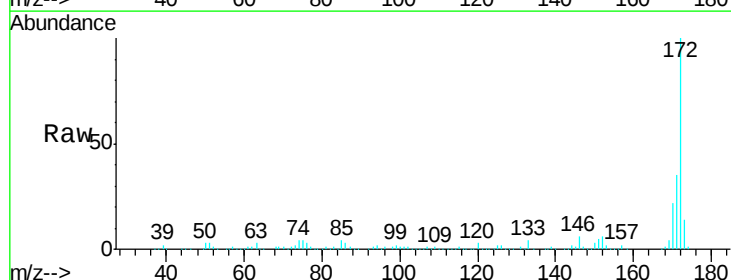


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

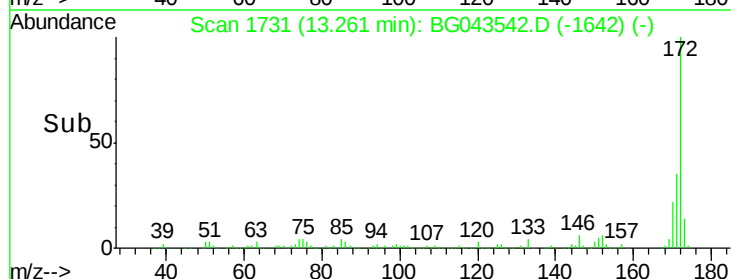
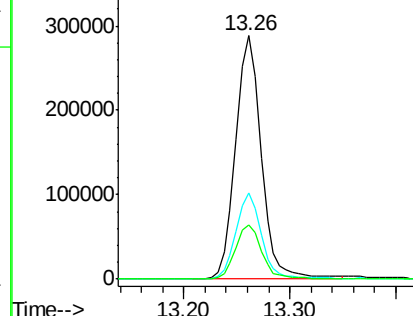


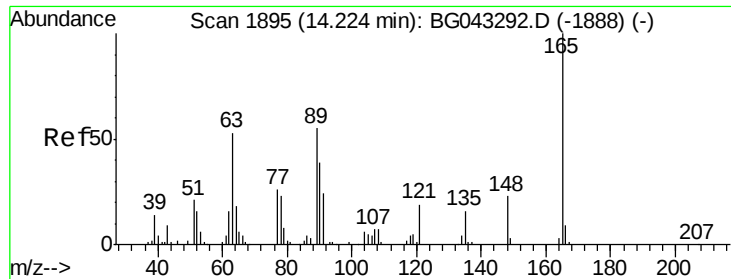
#45
 2-Fluorobiphenyl
 Concen: 85.062 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	22.4	18.5	27.7



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

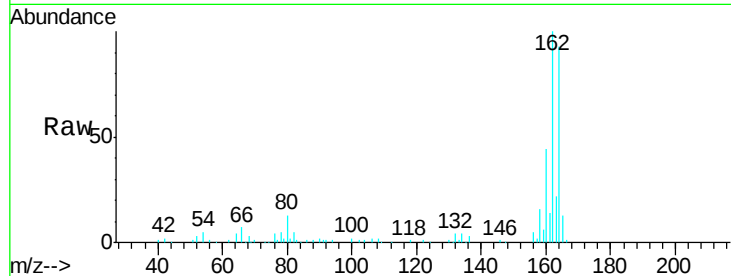




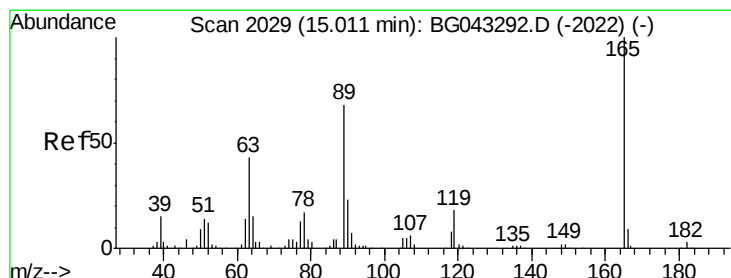
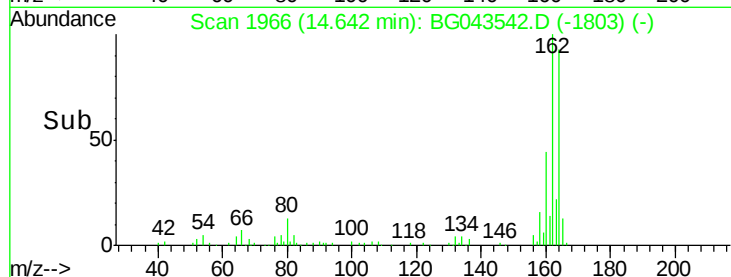
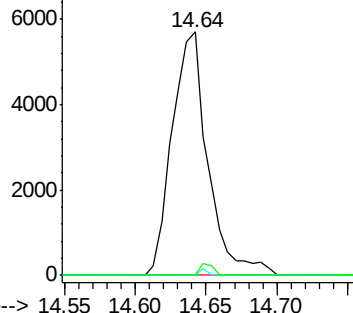
#51
 2,6-Dinitrotoluene
 Concen: 7.564 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.43 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Tgt Ion:165 Resp: 10080
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 69.8#
 89 0.0 45.1 67.7#

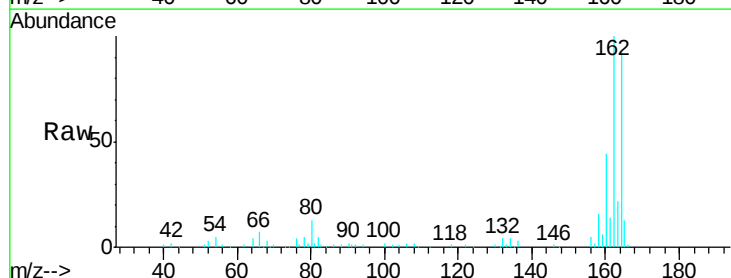


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

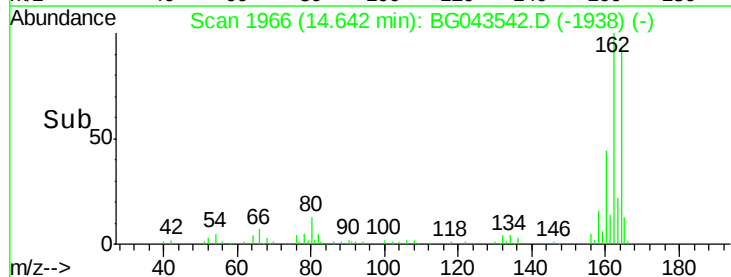
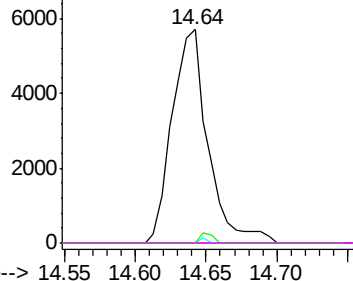


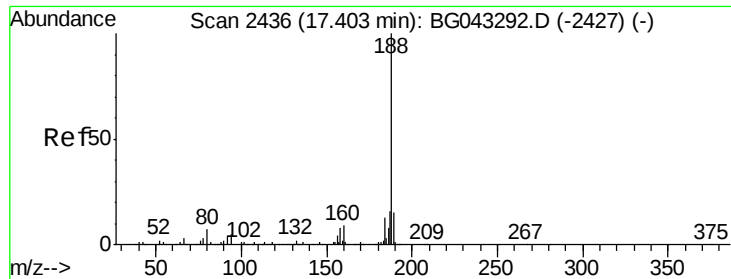
#57
 2,4-Dinitrotoluene
 Concen: 5.293 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.36 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Tgt Ion:165 Resp: 10080
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.2 49.8#
 89 0.0 52.2 78.4#
 182 0.0 2.0 3.0#



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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

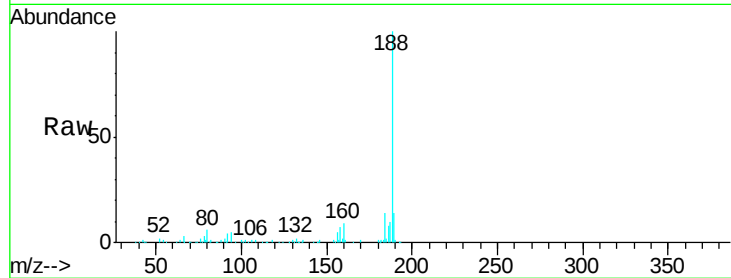
Tgt Ion:188 Resp: 196027

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

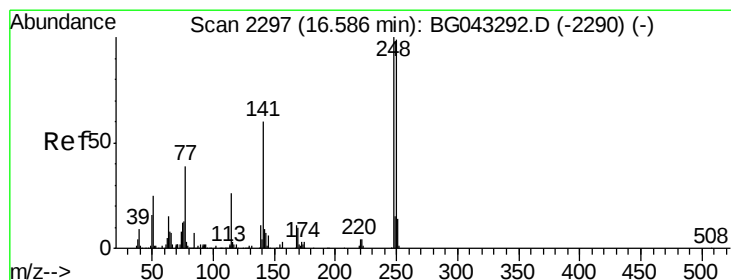
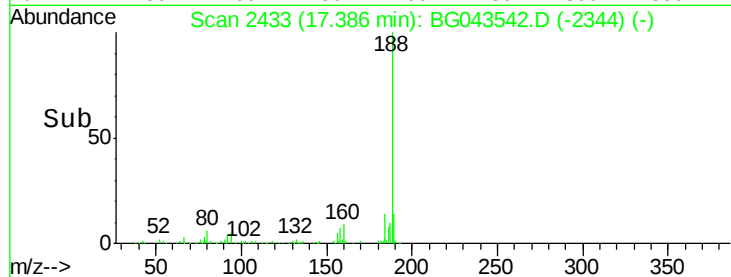
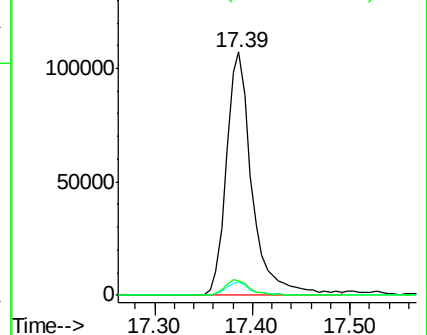
80 6.1 4.5 6.7



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: 4.524 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

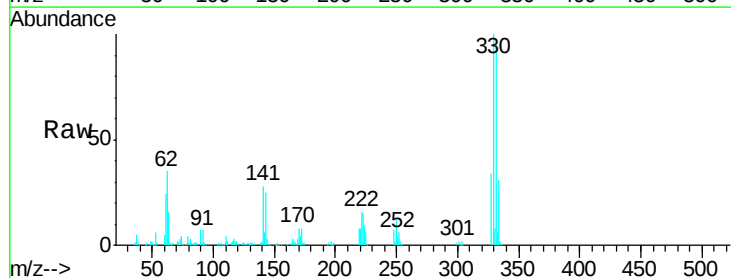
Tgt Ion:248 Resp: 11935

Ion Ratio Lower Upper

248 100

250 177.0 77.0 115.4#

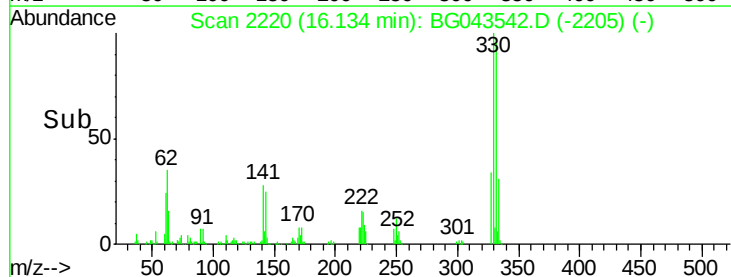
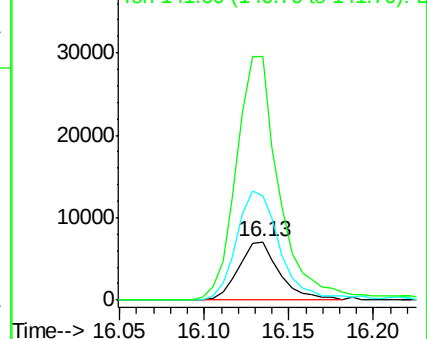
141 415.2 47.5 71.3#

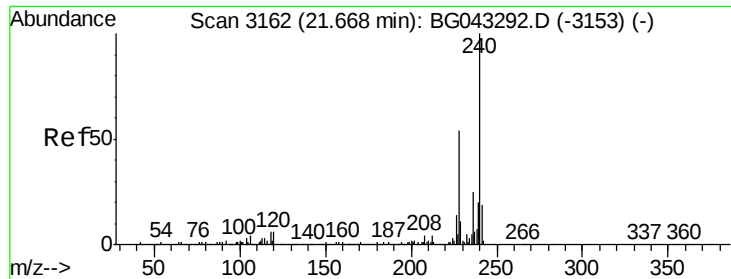


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

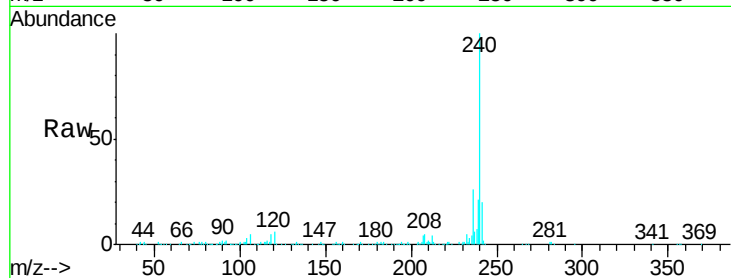
Tgt Ion:240 Resp: 226482

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

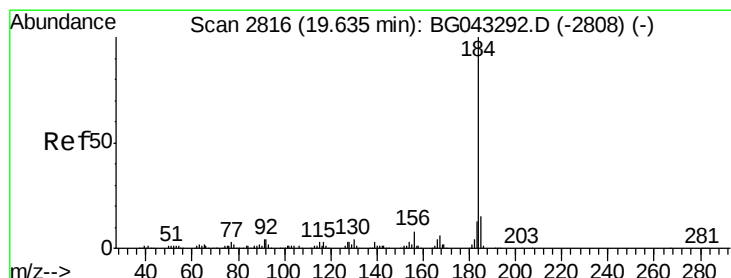
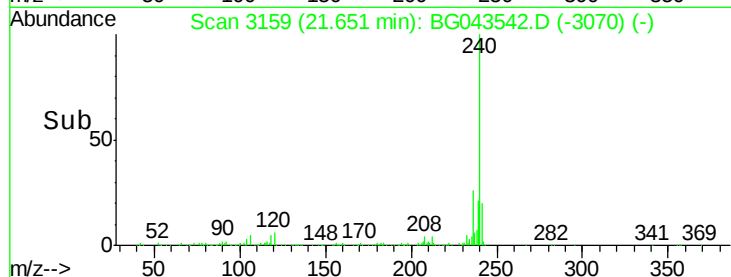
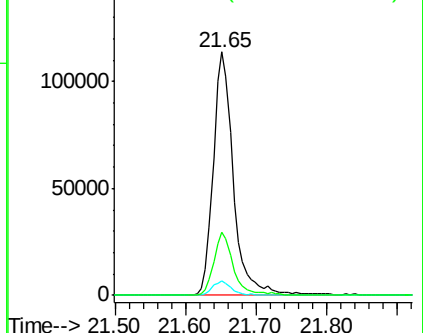
236 25.8 19.8 29.8



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



#77

Benzidine

Concen: 3.475 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

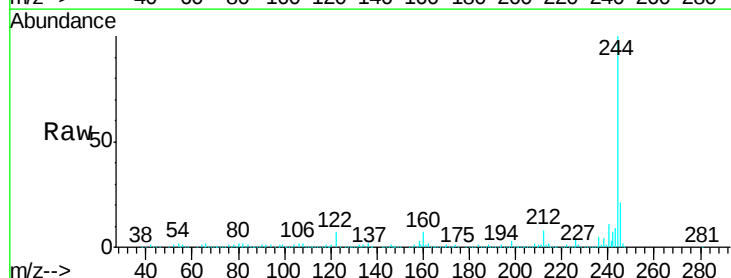
Tgt Ion:184 Resp: 15838

Ion Ratio Lower Upper

184 100

185 18.4 11.0 16.4#

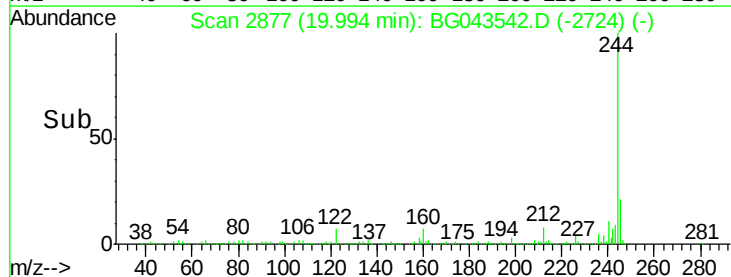
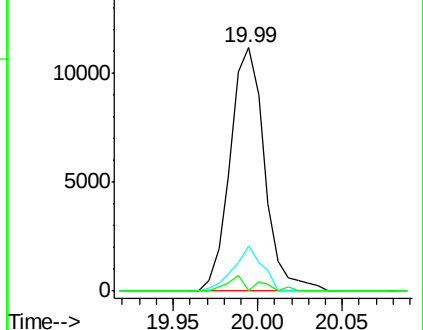
183 0.0 10.0 15.0#

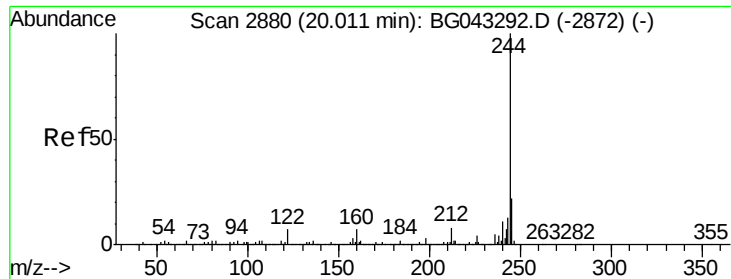


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

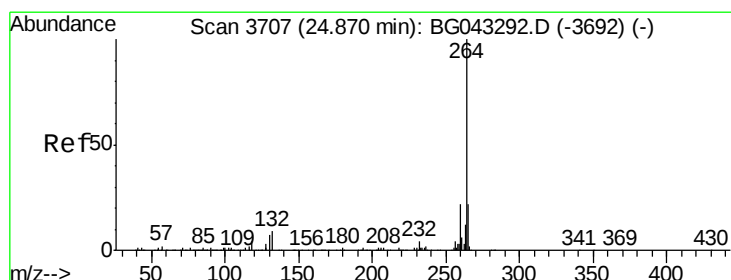
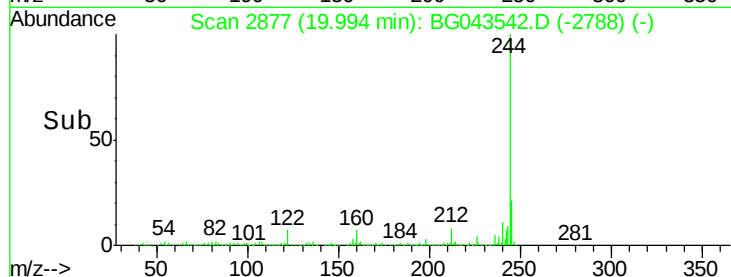
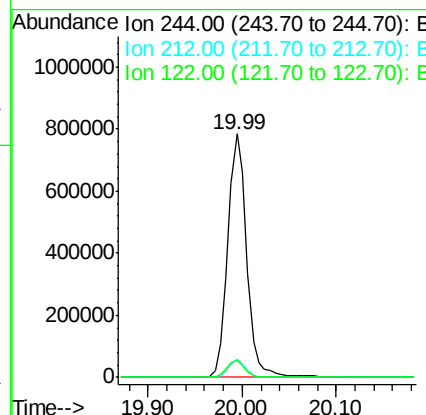
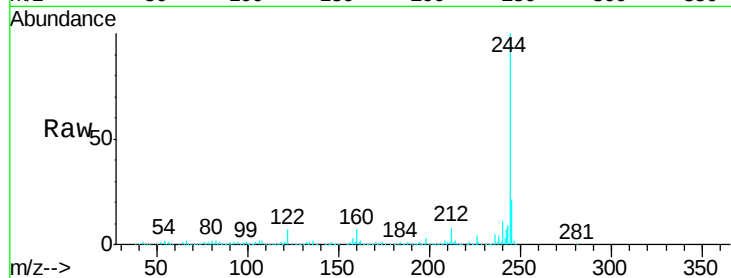




#79
 Terphenyl-d14
 Concen: 91.232 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Tgt Ion:244 Resp: 1101375
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 6.8 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Tgt Ion:264 Resp: 255366
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.5 26.3
 265 21.2 17.4 26.0

