

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043552.D
 Acq On : 7 Nov 2019 23:22
 Operator : JU
 Sample : K5723-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-D

Quant Time: Nov 08 04:18:59 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

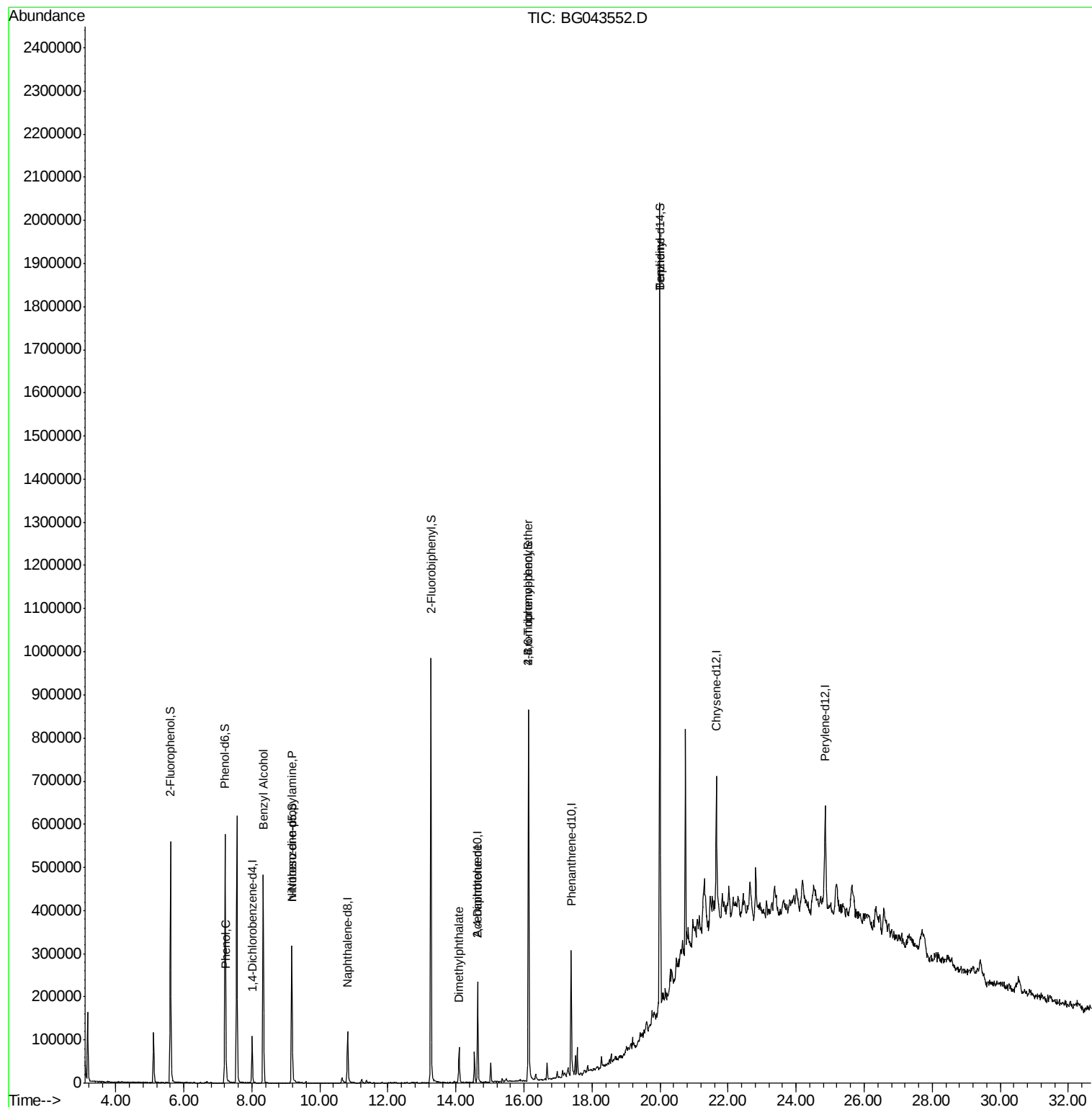
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32897	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119614	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87640	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	201669	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212282	20.00	ng	0.00
87) Perylene-d12	24.85	264	252207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264708	147.45	ng	0.01
7) Phenol-d6	7.22	99	356635	138.07	ng	0.02
23) Nitrobenzene-d5	9.17	82	222267	95.80	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	215097	128.97	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	575331	90.71	ng	0.00
79) Terphenyl-d14	19.99	244	1008724	89.15	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12103	5.128	ng	92
15) Benzyl Alcohol	8.33	79	3751	2.068	ng	# 39
19) n-Nitroso-di-n-propylamine	9.17	70	31836	19.074	ng	# 74
50) Dimethylphthalate	14.09	163	63502	9.355	ng	# 98
57) 2,4-Dinitrotoluene	14.64	165	11776	5.587	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	13667	5.036	ng	# 1
77) Benzidine	19.99	184	15360	3.595	ng	# 91

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

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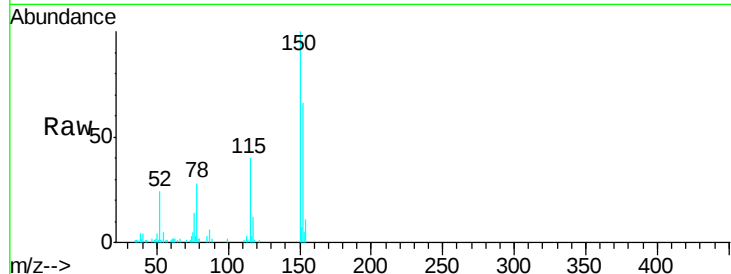


#1

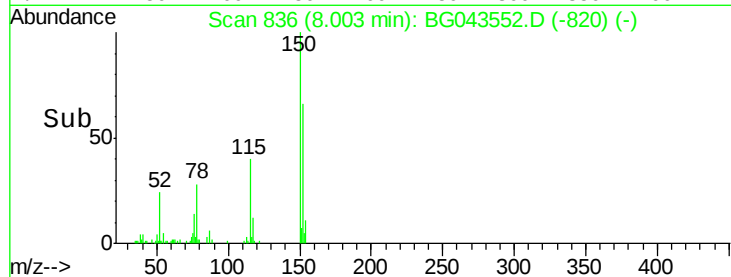
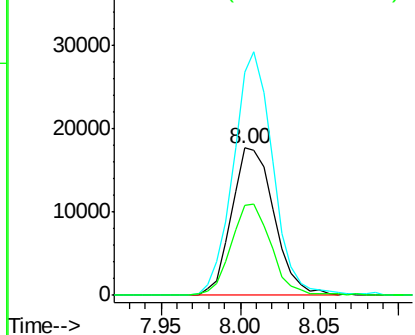
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :
10-D

Tgt Ion:152 Resp: 32897
Ion Ratio Lower Upper
152 100
150 151.0 129.4 194.0
115 60.9 48.8 73.2



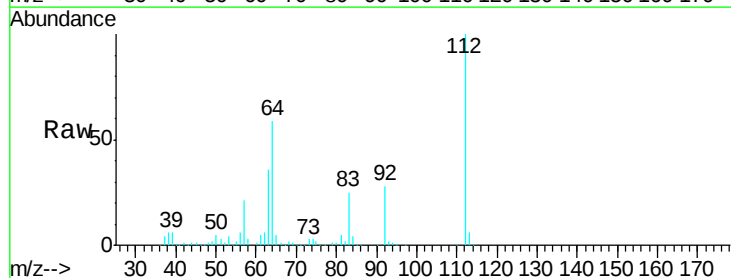
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



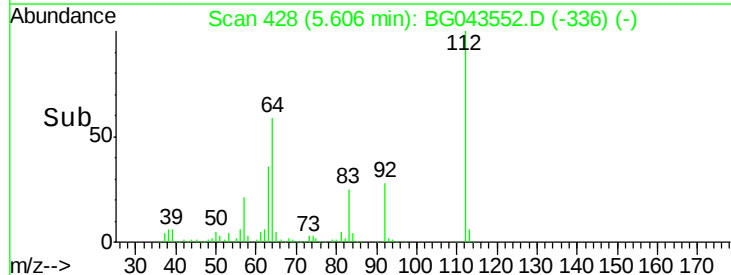
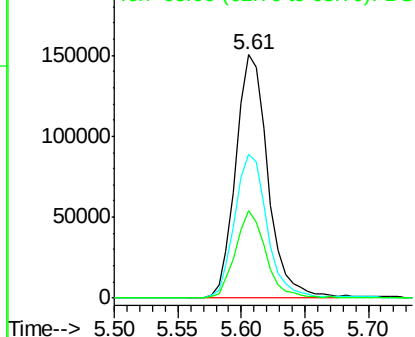
#5

2-Fluorophenol
Concen: 147.449 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Tgt Ion:112 Resp: 264708
Ion Ratio Lower Upper
112 100
64 58.8 50.0 75.0
63 36.0 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: 138.073 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

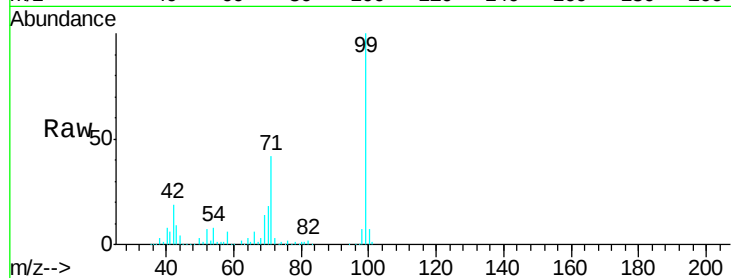
Tgt Ion: 99 Resp: 356635

Ion Ratio Lower Upper

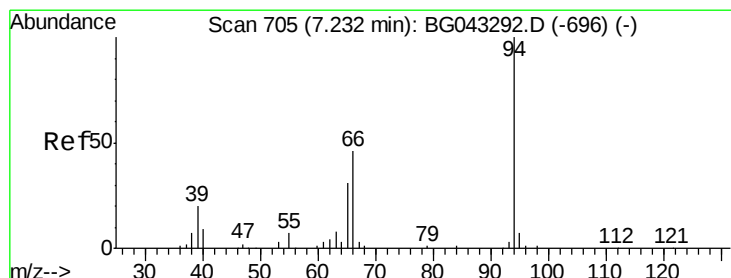
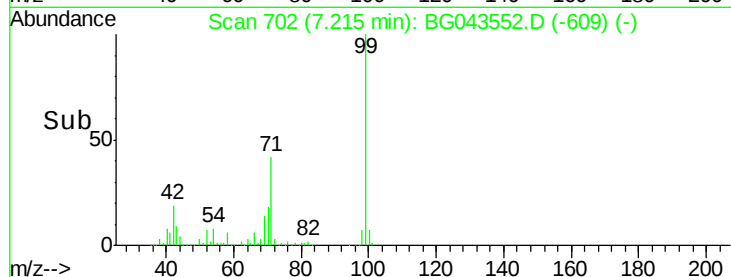
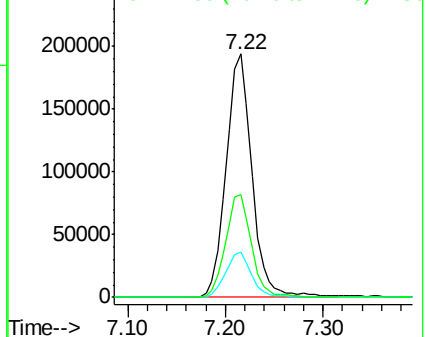
99 100

42 18.6 14.6 21.8

71 42.2 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



#10

Phenol

Concen: 5.128 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

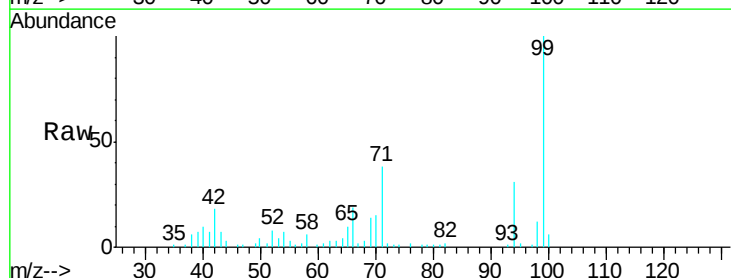
Tgt Ion: 94 Resp: 12103

Ion Ratio Lower Upper

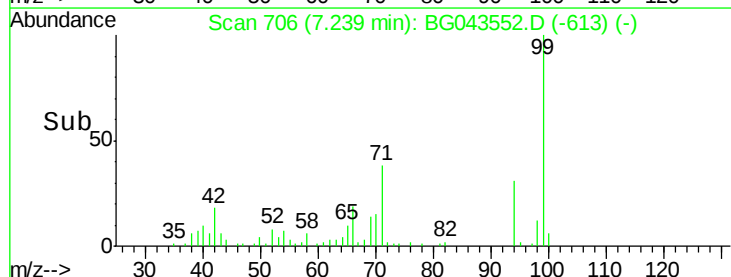
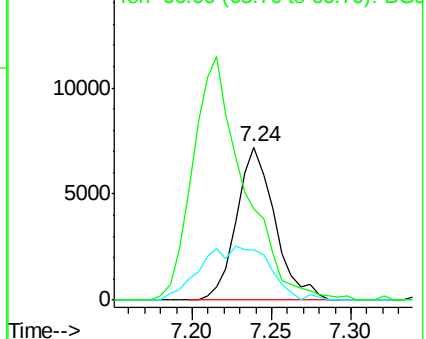
94 100

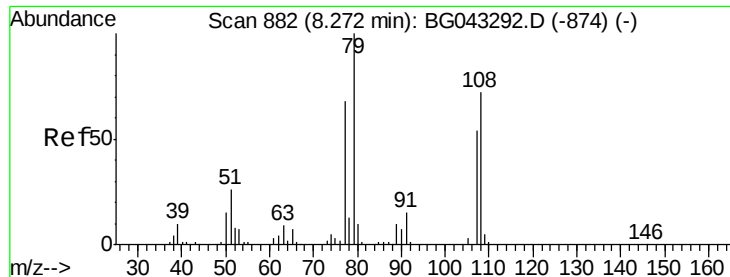
65 33.0 12.6 52.6

66 60.0 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.068 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.07 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

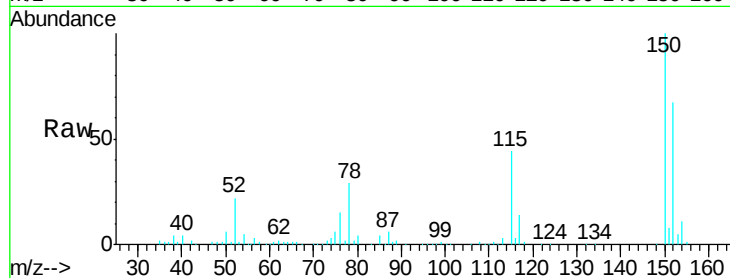
Tgt Ion: 79 Resp: 3751

Ion Ratio Lower Upper

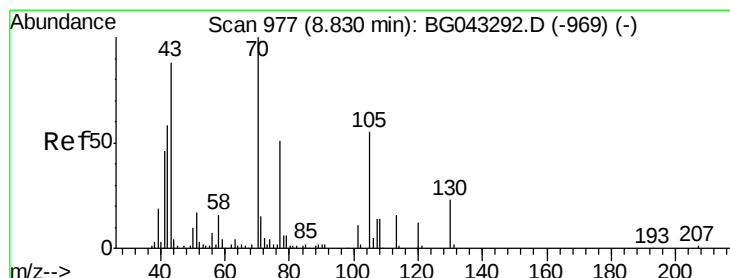
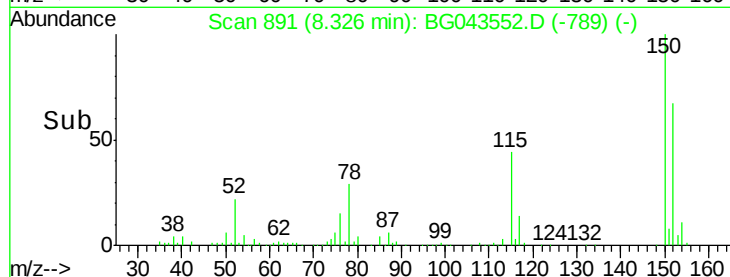
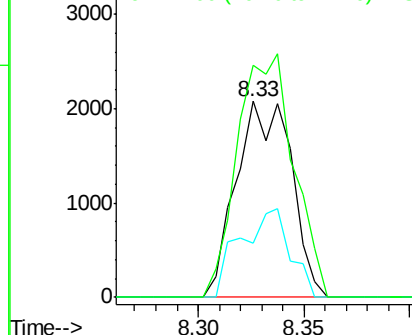
79 100

108 27.8 53.6 80.4#

77 118.7 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: 19.074 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Tgt Ion: 70 Resp: 31836

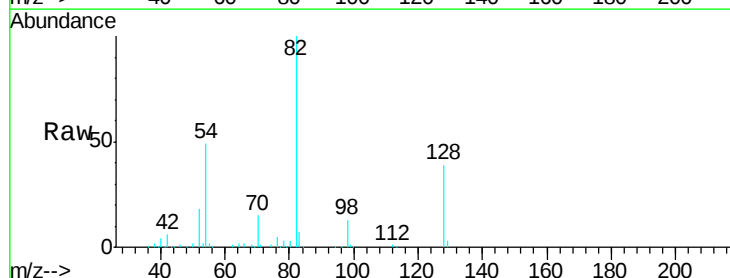
Ion Ratio Lower Upper

70 100

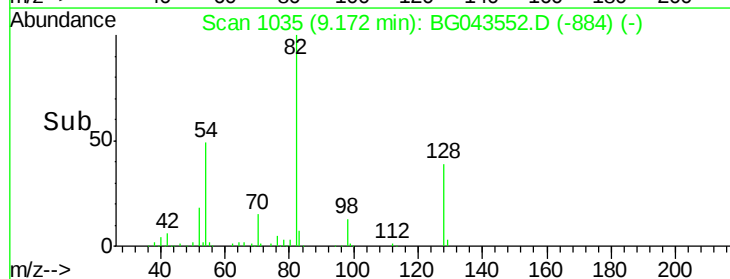
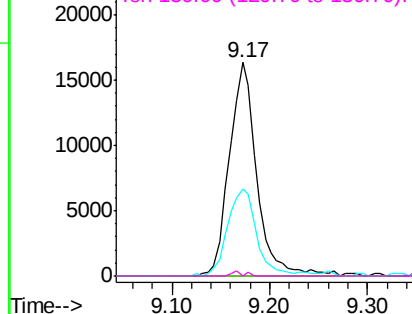
42 40.6 41.4 62.2#

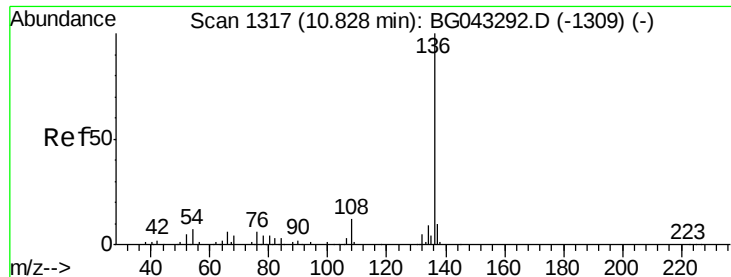
101 0.0 7.9 11.9#

130 0.0 19.0 28.4#



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

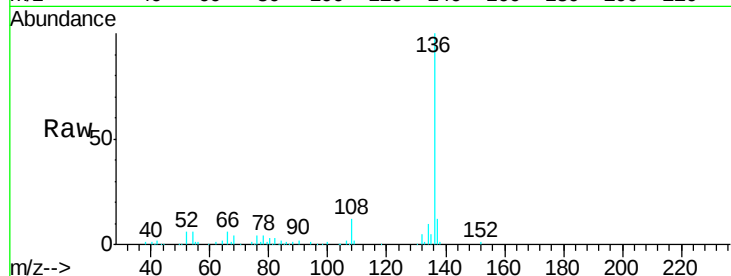




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :
10-D

Tgt Ion:	136	Resp:	119614
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.7	13.1
54	6.4	5.4	8.2
68	4.1	3.0	4.4

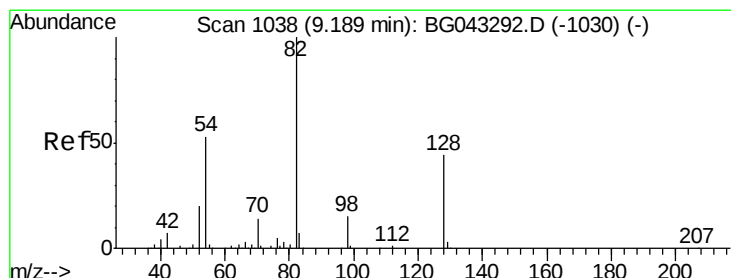
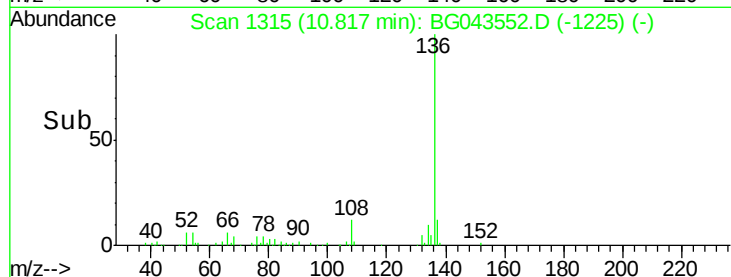
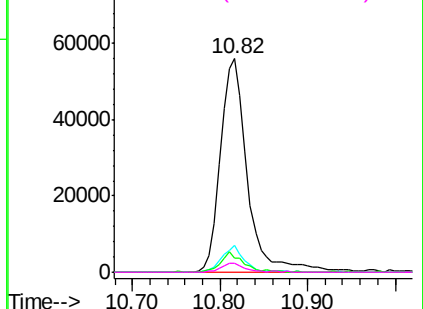


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

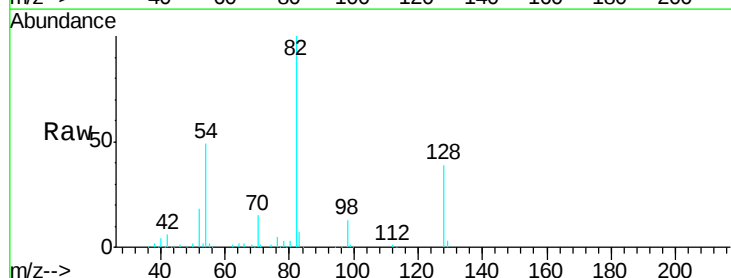
Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23
Nitrobenzene-d5
Concen: 95.799 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

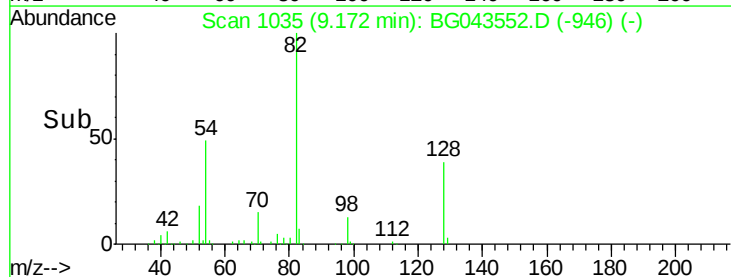
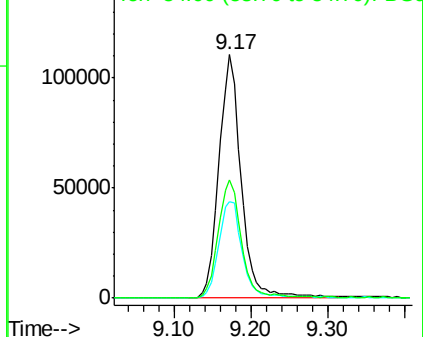
Tgt Ion:	82	Resp:	222267
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.0	52.6
54	48.7	40.2	60.2

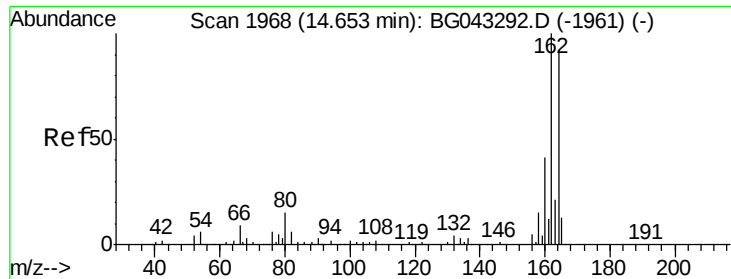


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

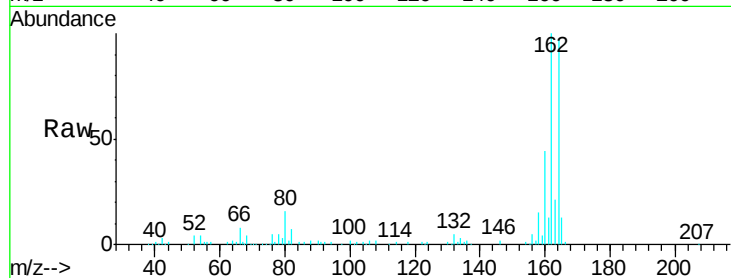
Tgt Ion:164 Resp: 87640

Ion Ratio Lower Upper

164 100

162 103.4 83.5 125.3

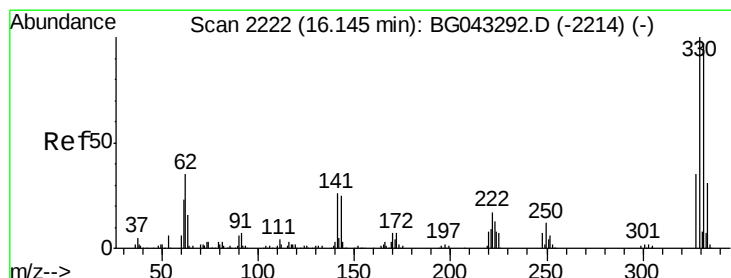
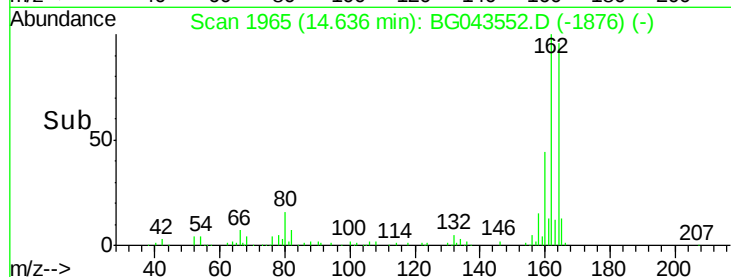
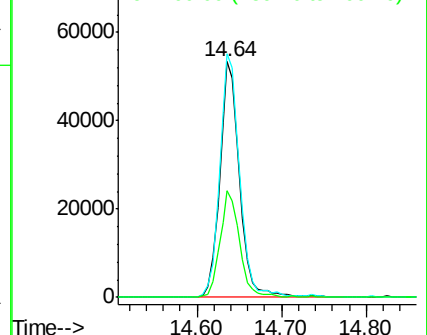
160 45.2 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 128.971 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

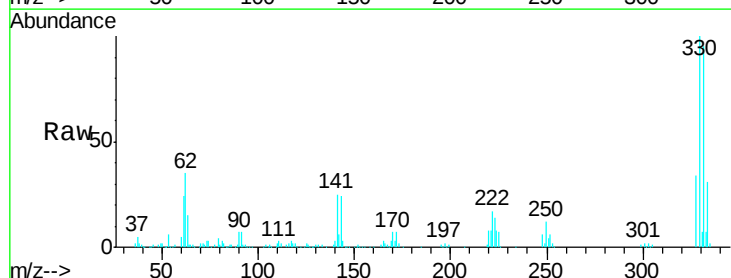
Tgt Ion:330 Resp: 215097

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

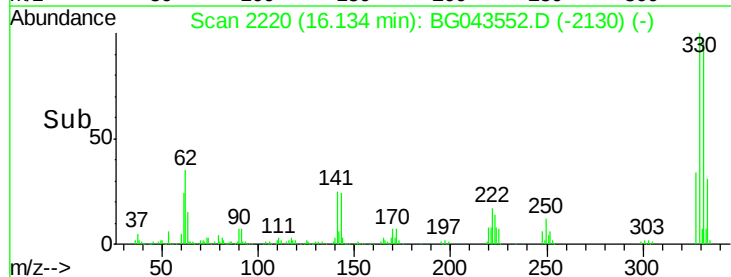
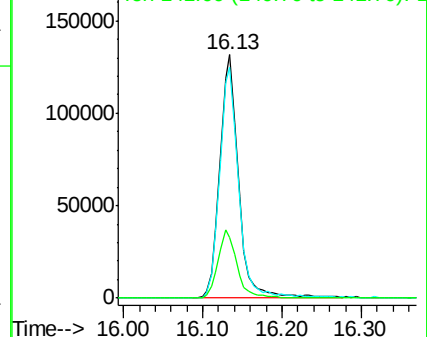
141 28.5 22.8 34.2

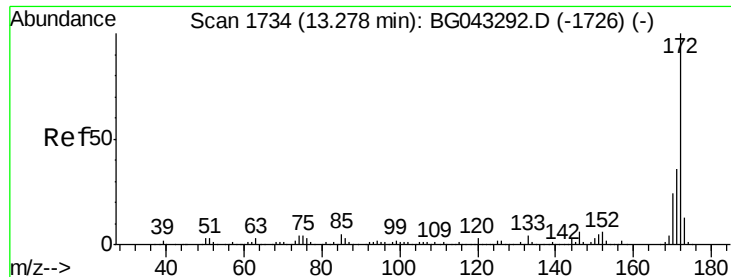


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

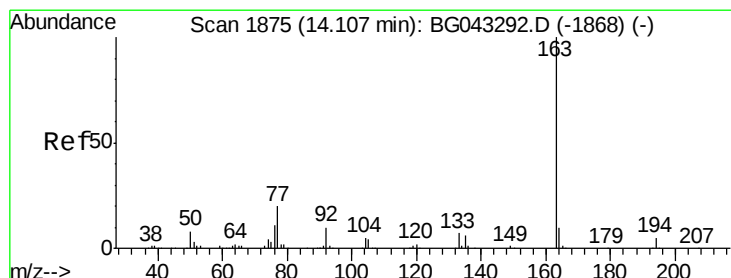
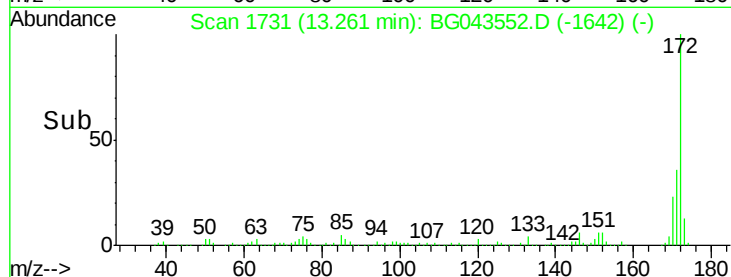
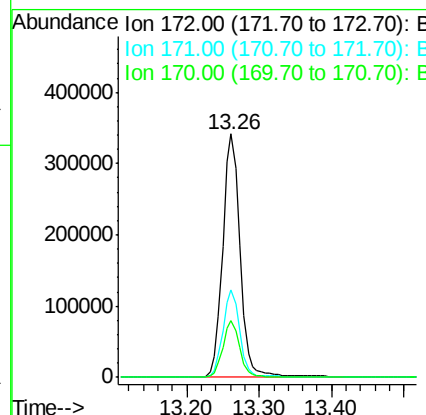
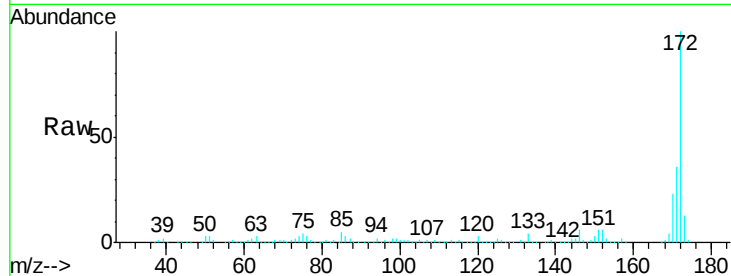




#45
 2-Fluorobiphenyl
 Concen: 90.711 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

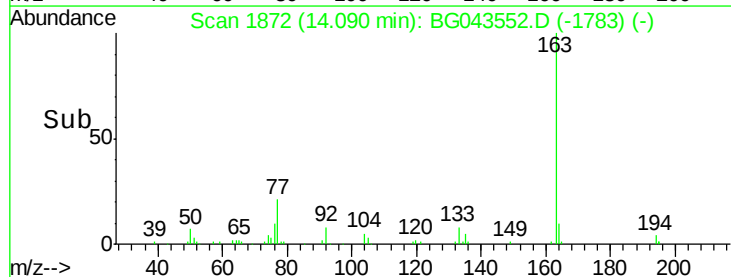
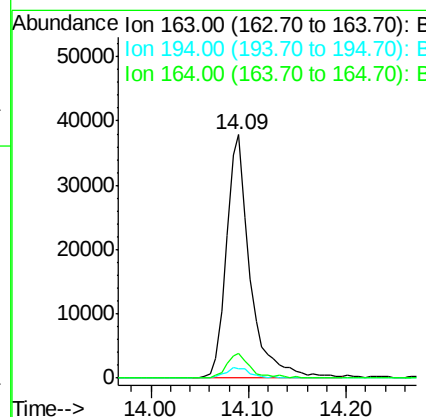
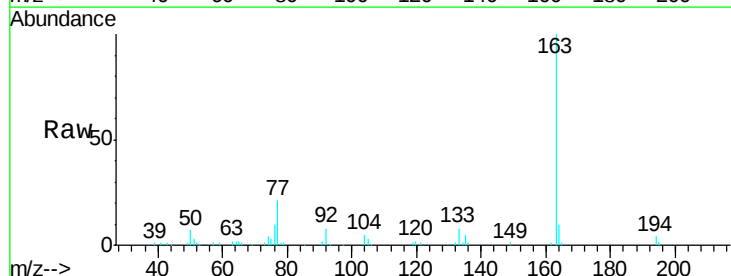
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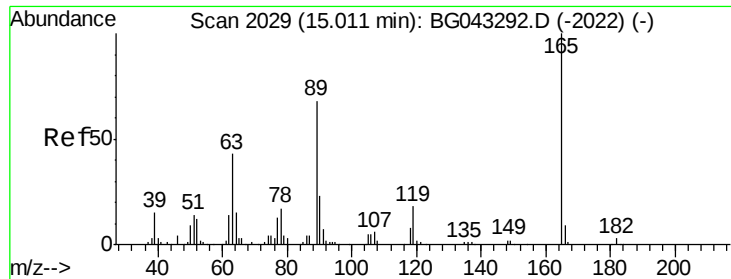
Tgt Ion:172 Resp: 575331
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.1 18.5 27.7



#50
 Dimethylphthalate
 Concen: 9.355 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Tgt Ion:163 Resp: 63502
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.8 5.6#
 164 10.4 8.9 13.3

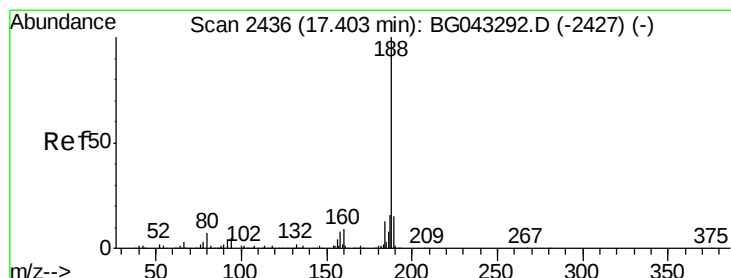
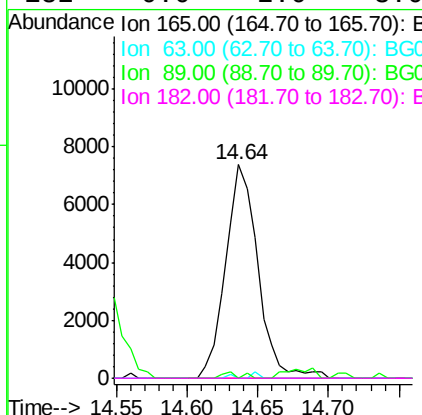
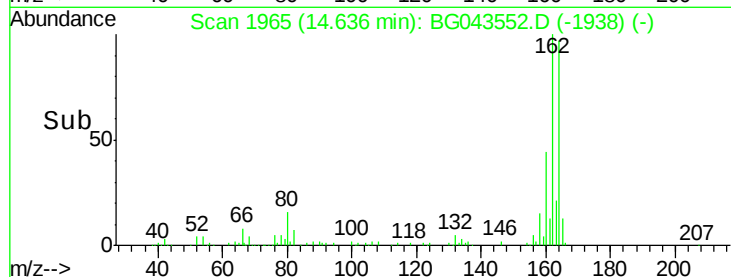
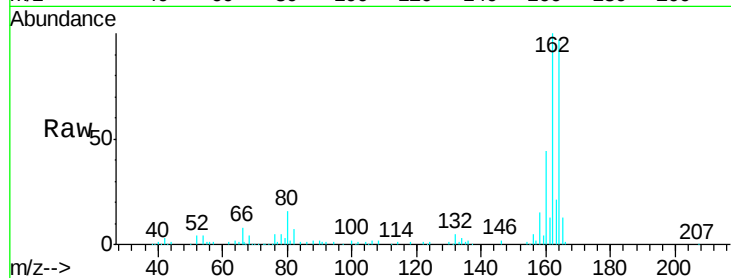




#57
 2,4-Dinitrotoluene
 Concen: 5.587 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

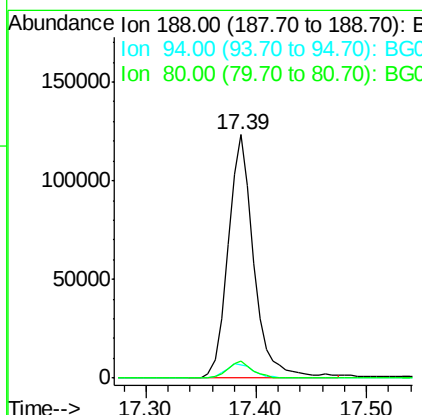
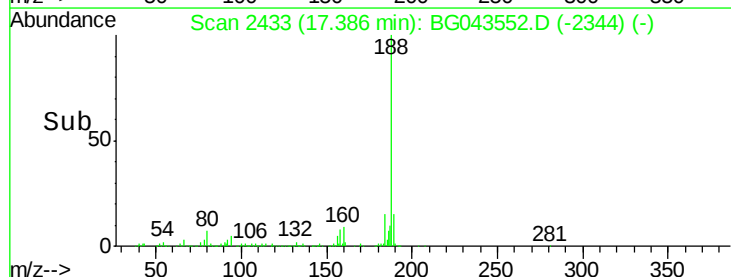
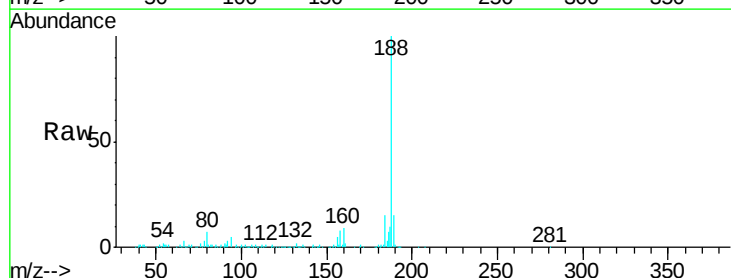
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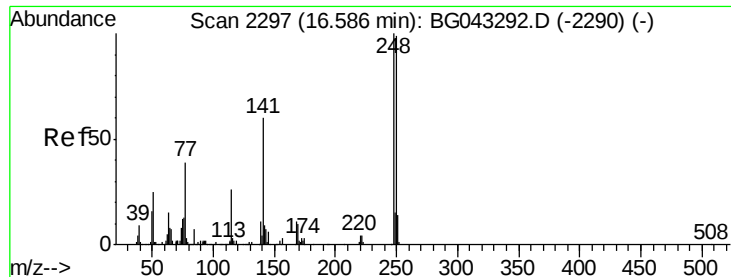
Tgt Ion:	165	Resp:	11776
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Tgt Ion:	188	Resp:	201669
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.4
80	7.1	4.5	6.7#

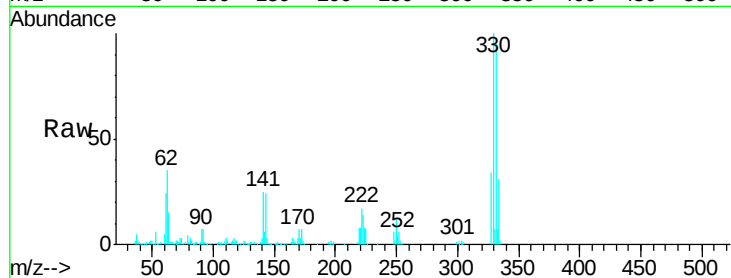




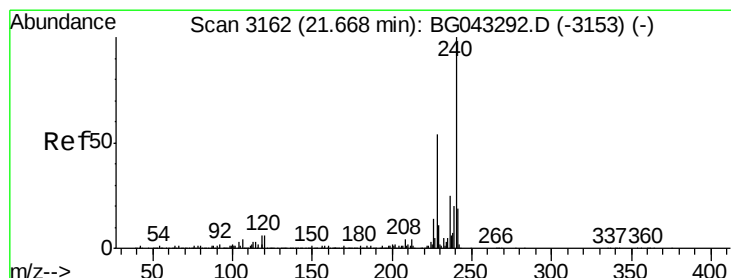
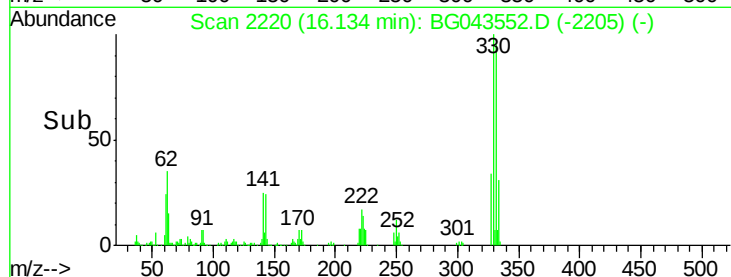
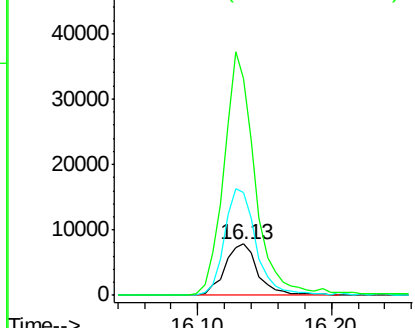
#67
 4-Bromophenyl-phenylether
 Concen: 5.036 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.44 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Instrument :
 BNA_G
 ClientSampleId :
 10-D

Tgt Ion:248 Resp: 13667
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.0 115.4#
 141 424.1 47.5 71.3#

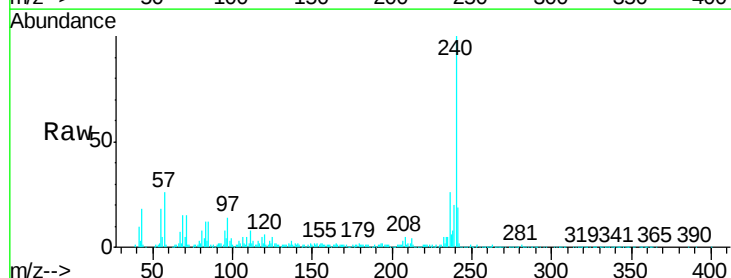


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

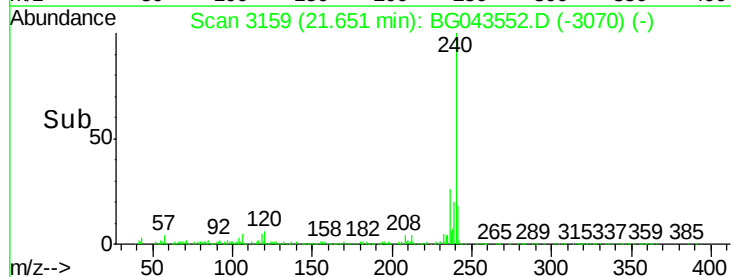
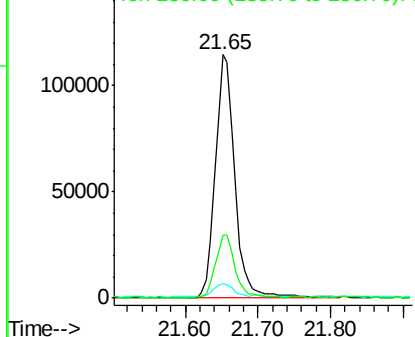


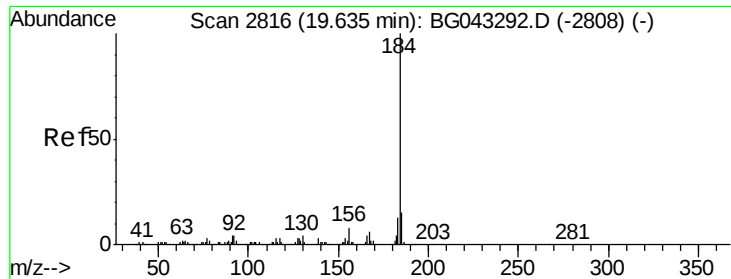
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Tgt Ion:240 Resp: 212282
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.6 6.8
 236 26.1 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: 3.595 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

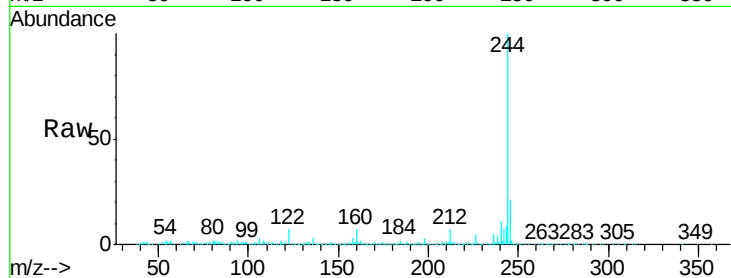
Tgt Ion:184 Resp: 15360

Ion Ratio Lower Upper

184 100

185 18.7 11.0 16.4#

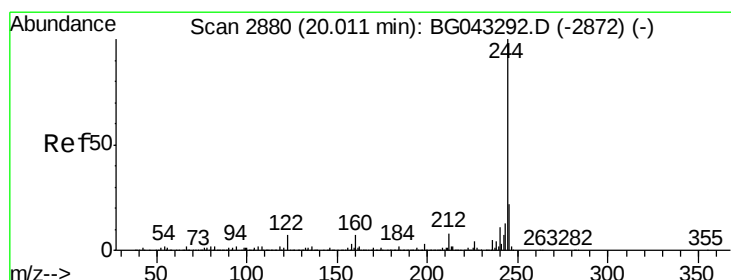
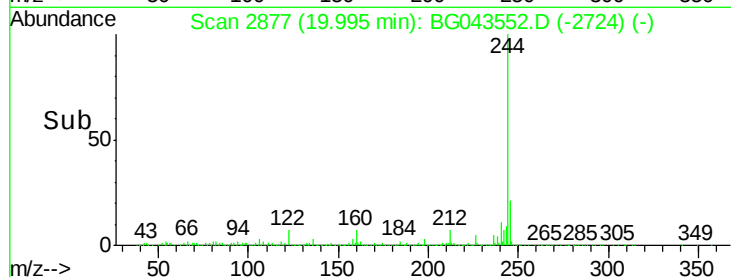
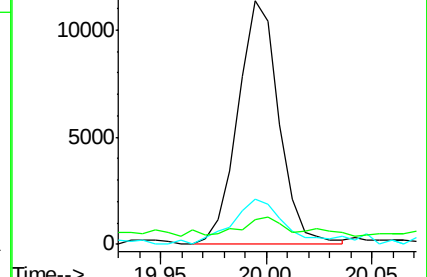
183 10.2 10.0 15.0



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: 89.147 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

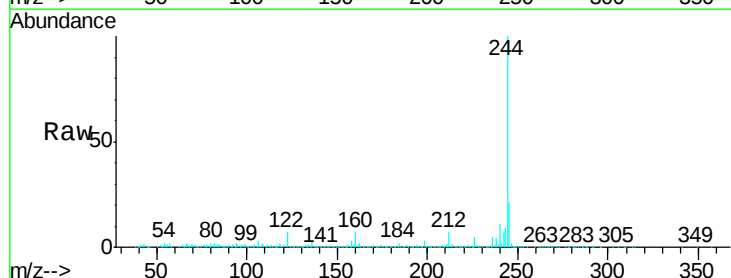
Tgt Ion:244 Resp: 1008724

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

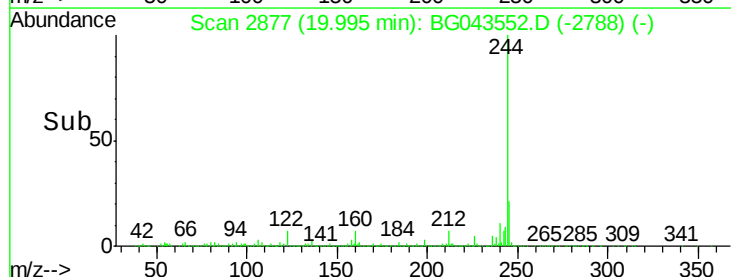
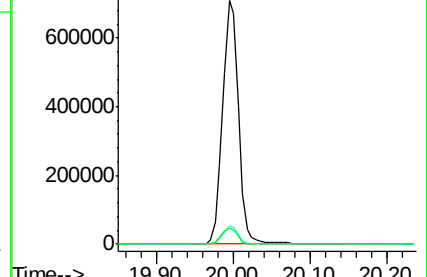
122 6.6 5.4 8.2

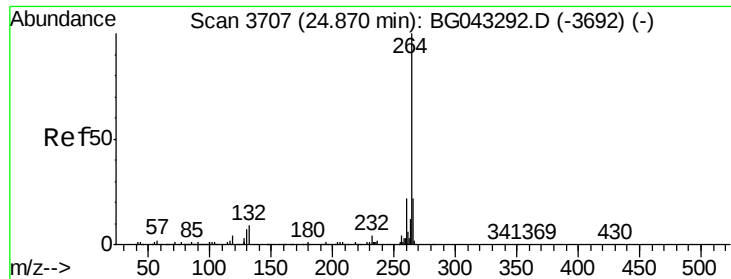


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :
10-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.5	26.3
265	22.9	17.4	26.0

