

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043492.D
 Acq On : 4 Nov 2019 22:19
 Operator : JU
 Sample : K5676-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 00:58:10 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

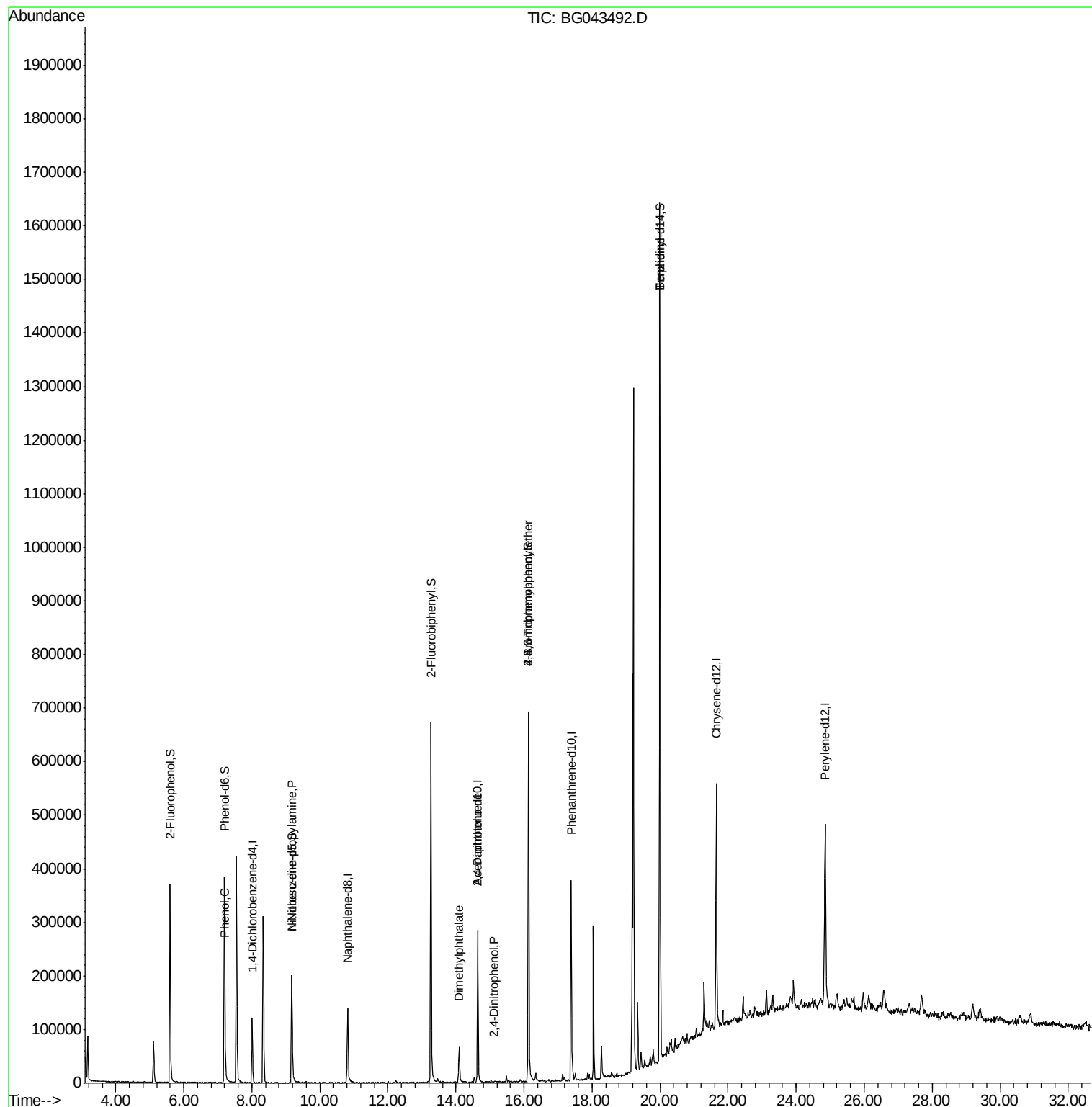
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	38269	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	145876	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	111694	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	270574	20.00	ng	0.00
76) Chrysene-d12	21.65	240	294969	20.00	ng	0.00
87) Perylene-d12	24.85	264	359851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	181366	86.84	ng	0.00
7) Phenol-d6	7.19	99	253580	84.39	ng	0.00
23) Nitrobenzene-d5	9.17	82	147388	52.09	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	169933	79.95	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	416475	51.52	ng	0.00
79) Terphenyl-d14	19.99	244	862403	54.85	ng	0.00
Target Compounds						
10) Phenol	7.22	94	10346	3.768	ng	84
19) n-Nitroso-di-n-propylamine	9.17	70	21127	10.881	ng	# 78
50) Dimethylphthalate	14.09	163	56360	6.514	ng	# 95
54) 2,4-Dinitrophenol	15.11	184	91	7.353	ng	# 17
57) 2,4-Dinitrotoluene	14.64	165	14129	5.260	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	10830	2.974	ng	# 1
77) Benzidine	19.99	184	13301	2.241	ng	# 91

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

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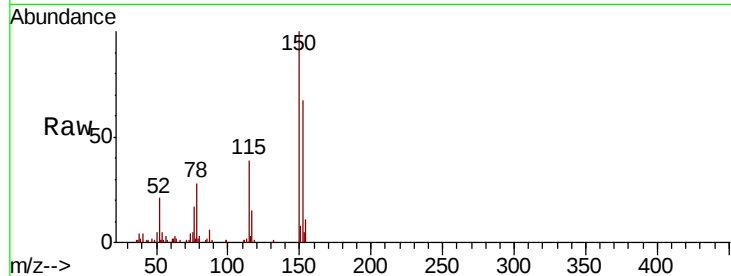


#1

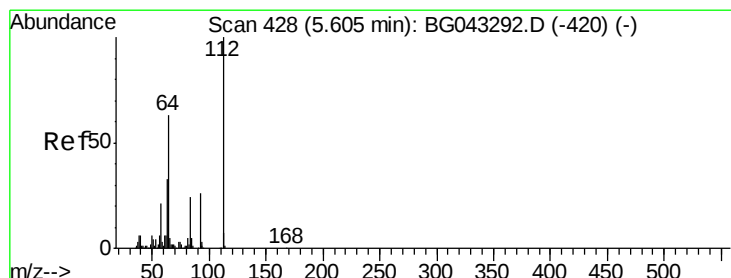
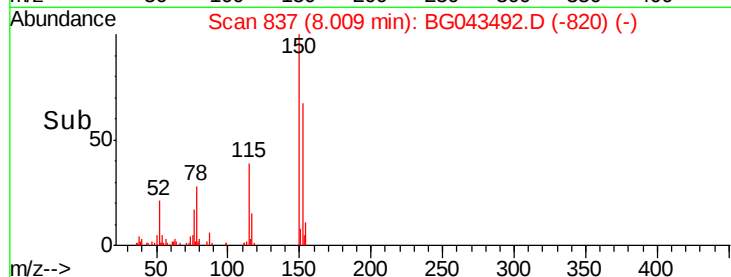
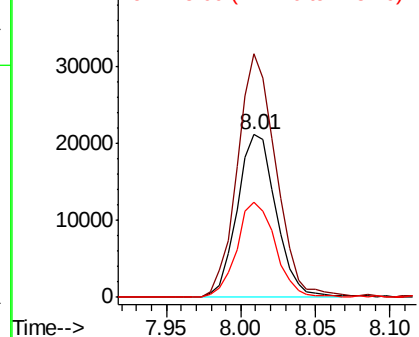
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38269
Ion Ratio Lower Upper
152 100
150 149.8 129.4 194.0
115 58.6 48.8 73.2



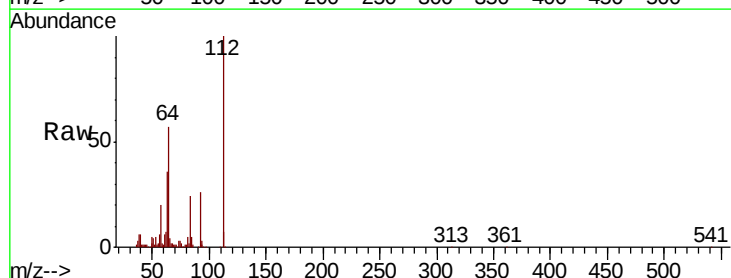
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



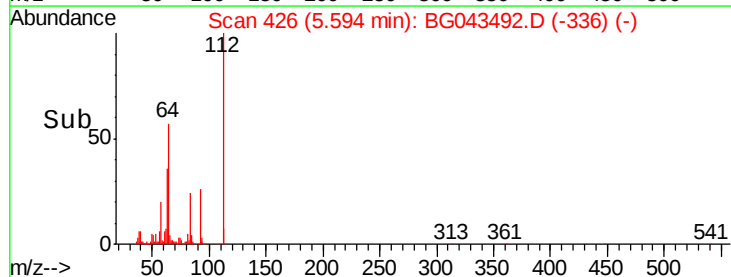
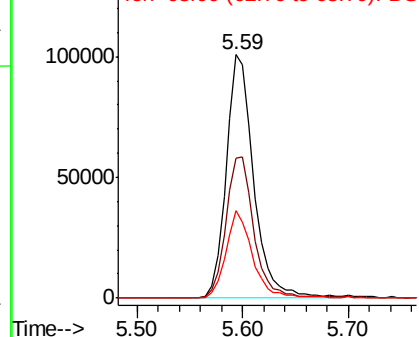
#5

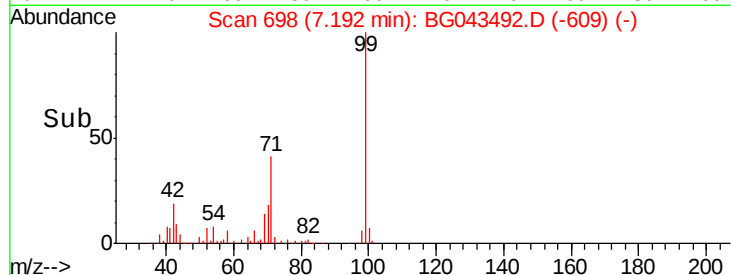
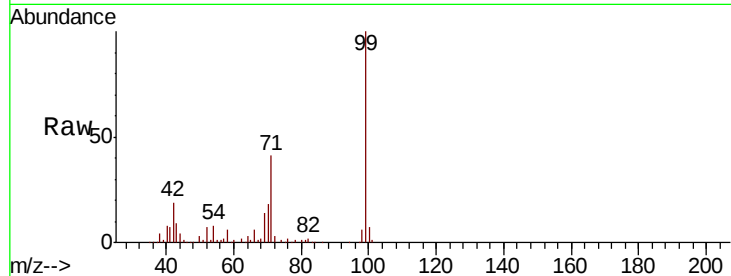
2-Fluorophenol
Concen: 86.844 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:112 Resp: 181366
Ion Ratio Lower Upper
112 100
64 57.4 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: 84.394 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

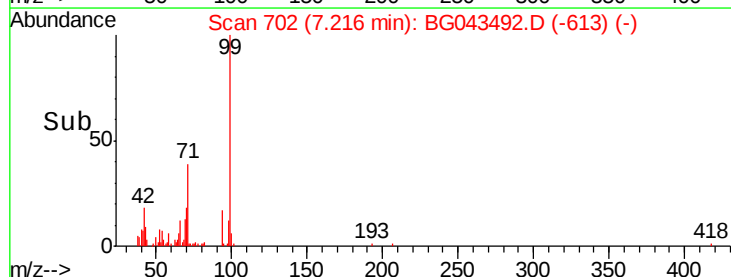
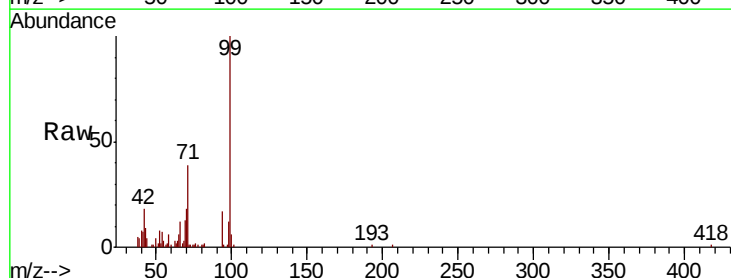
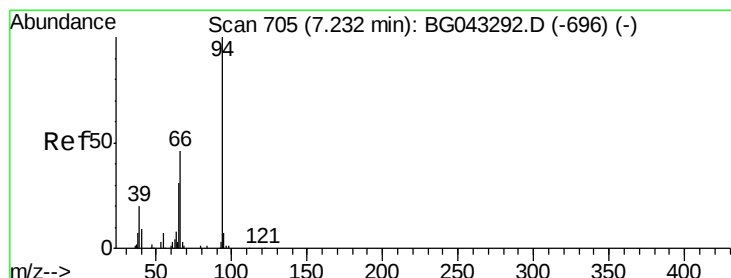
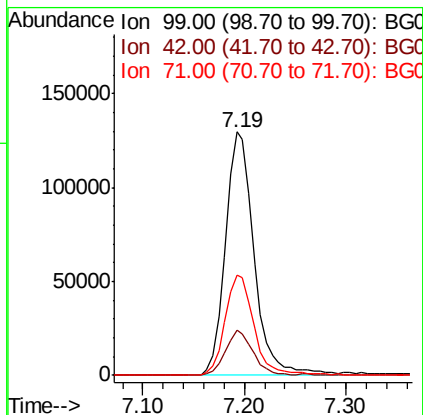
Tot Ion: 99 Resp: 253580

Ion Ratio Lower Upper

99 100

42 18.5 14.6 21.8

71 41.0 32.5 48.7



#10

Phenol

Concen: 3.768 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

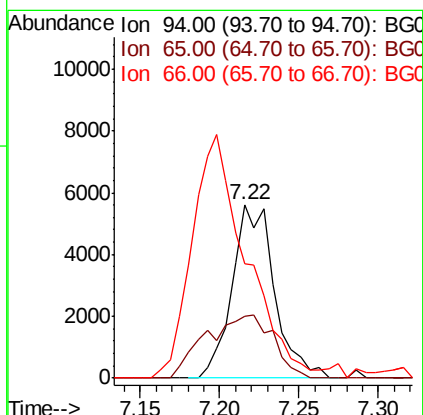
Tgt Ion: 94 Resp: 10346

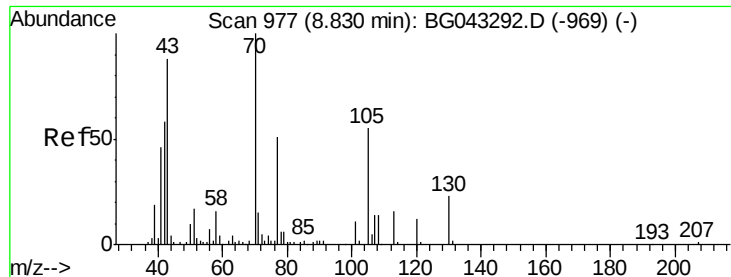
Ion Ratio Lower Upper

94 100

65 35.9 12.6 52.6

66 66.0 30.7 70.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.881 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 21127

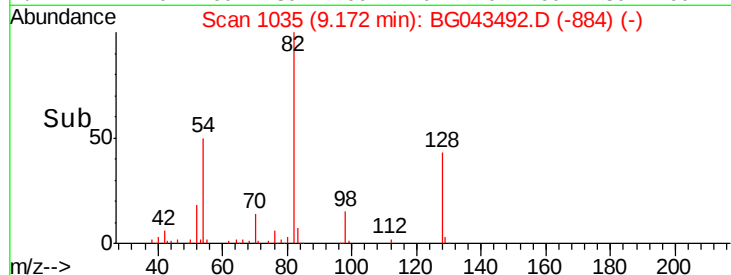
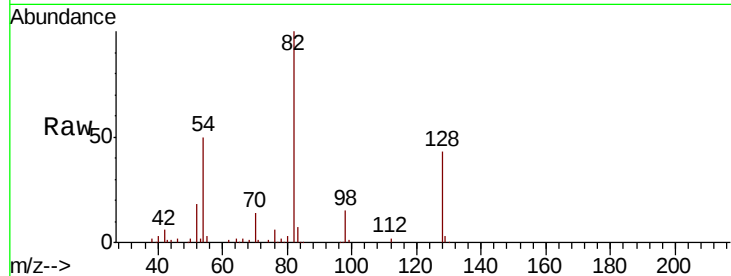
Ion Ratio Lower Upper

70 100

42 44.0 41.4 62.2

101 0.0 7.9 11.9#

130 2.3 19.0 28.4#



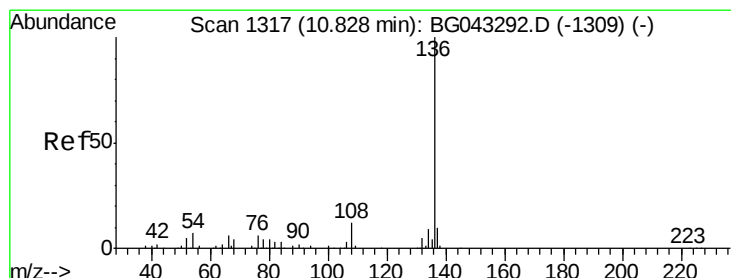
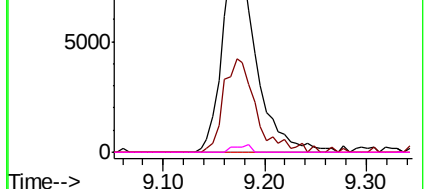
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Tgt Ion: 136 Resp: 145876

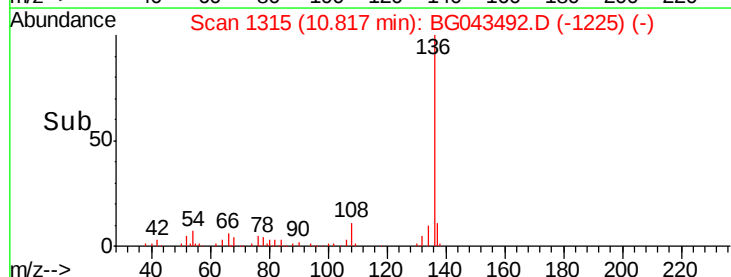
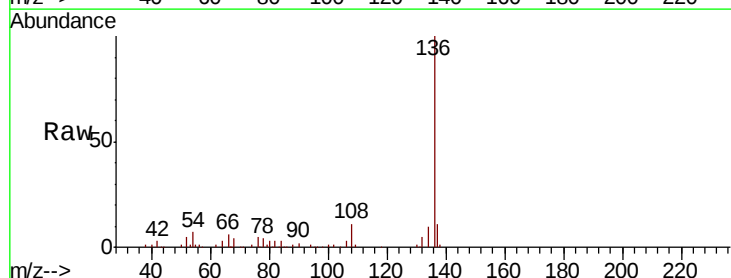
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.5 5.4 8.2

68 3.9 3.0 4.4



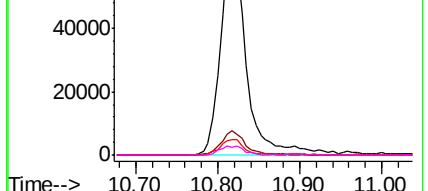
Abundance Ion 136.00 (135.70 to 136.70): BGC

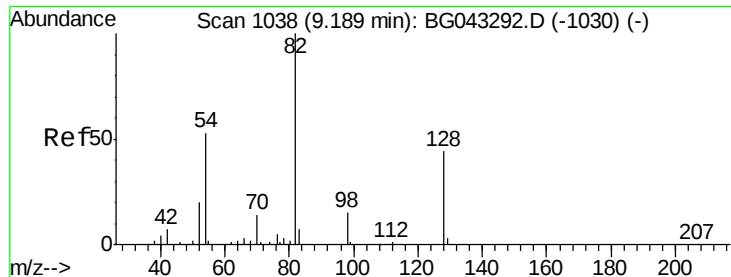
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

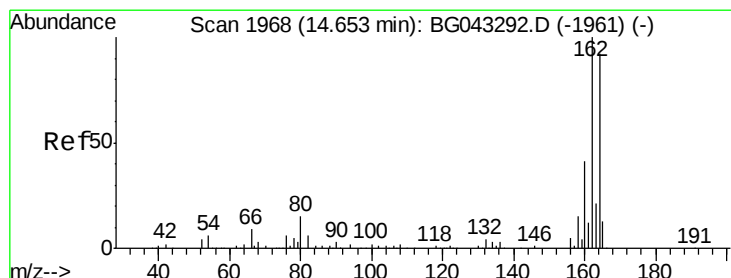
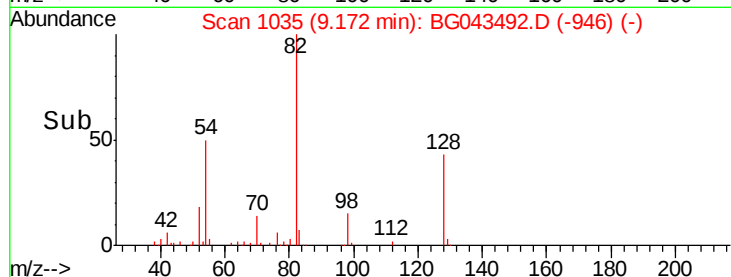
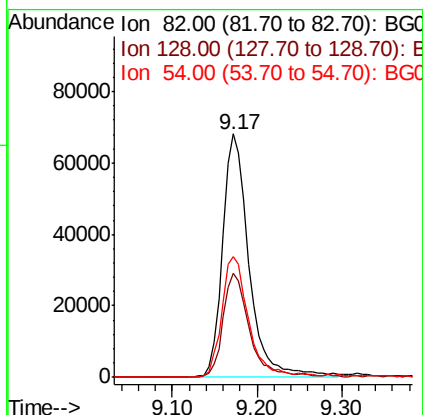
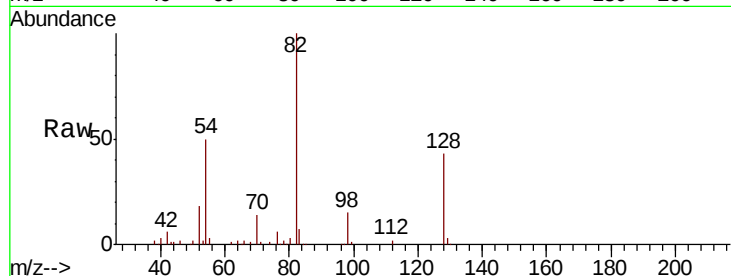




#23
Nitrobenzene-d5
Concen: 52.089 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

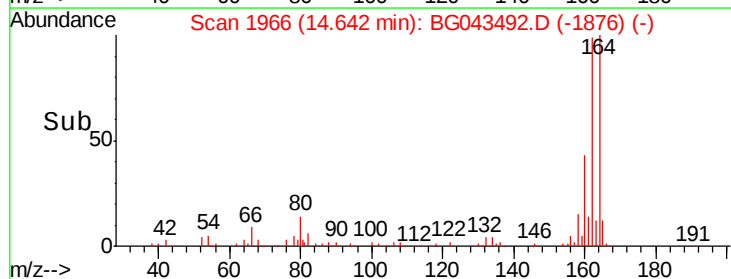
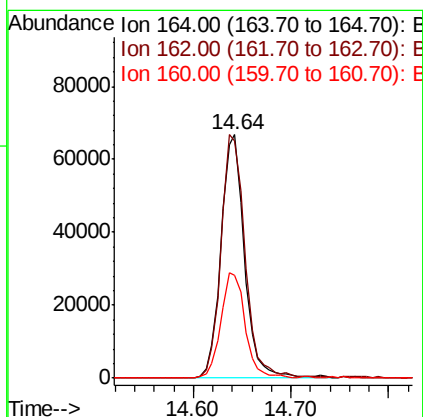
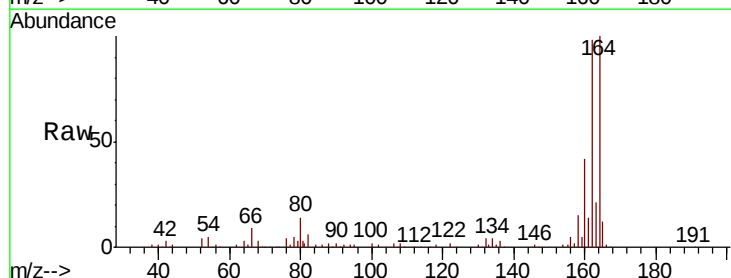
Instrument :
BNA_G
ClientSampleId :

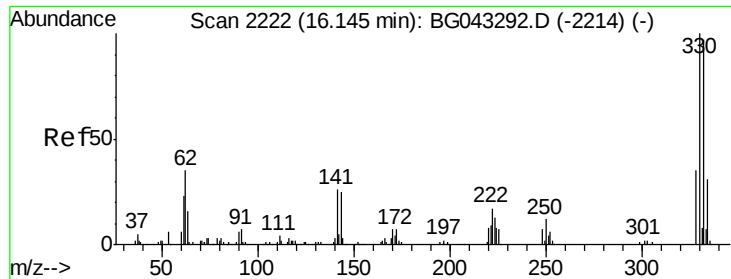
Tot Ion: 82 Resp: 147388
Ion Ratio Lower Upper
82 100
128 42.9 35.0 52.6
54 49.7 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:164 Resp: 111694
Ion Ratio Lower Upper
164 100
162 97.6 83.5 125.3
160 42.5 36.5 54.7

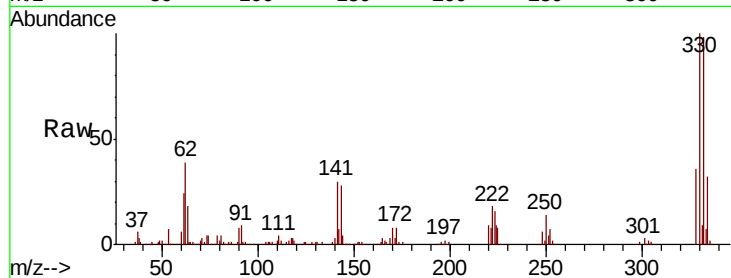




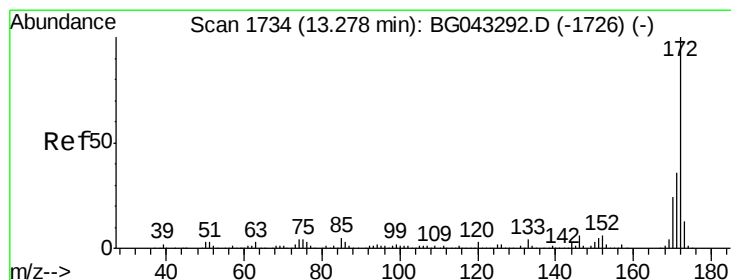
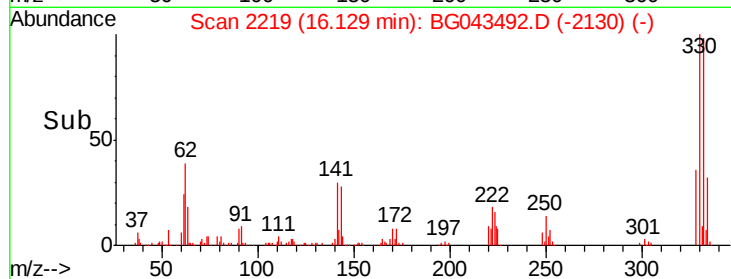
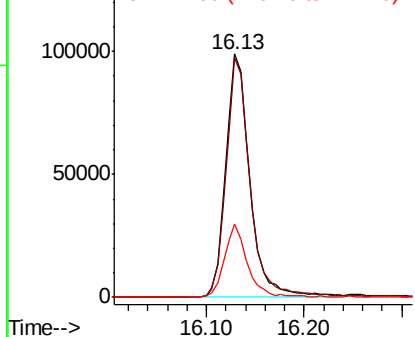
#42
 2,4,6-Tribromophenol
 Concen: 79.948 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	28.3	22.8	34.2

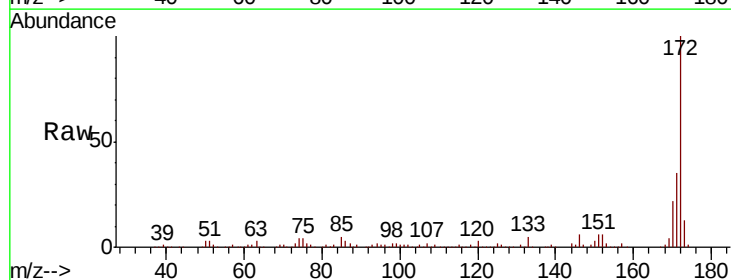


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

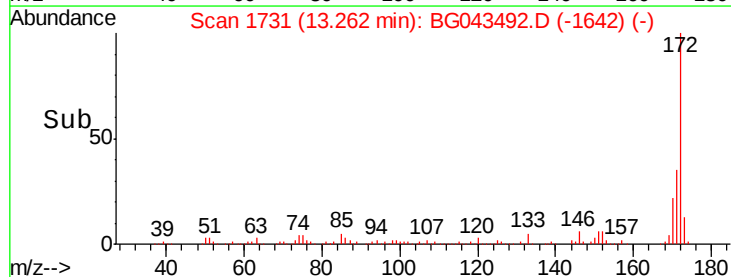
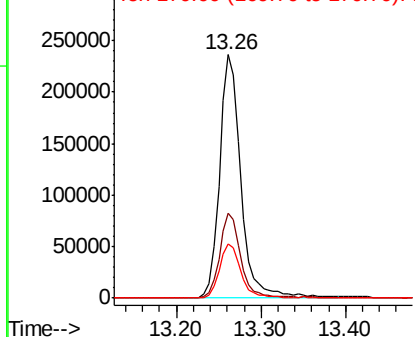


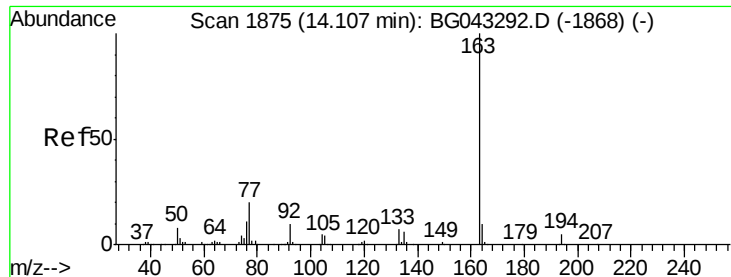
#45
 2-Fluorobiphenyl
 Concen: 51.523 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	22.5	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





#50

Dimethylphthalate

Concen: 6.514 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG043492.D

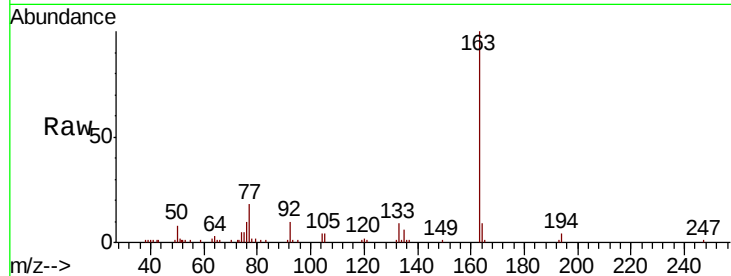
Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampleId :

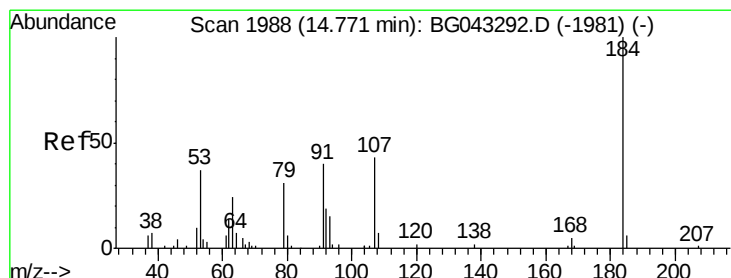
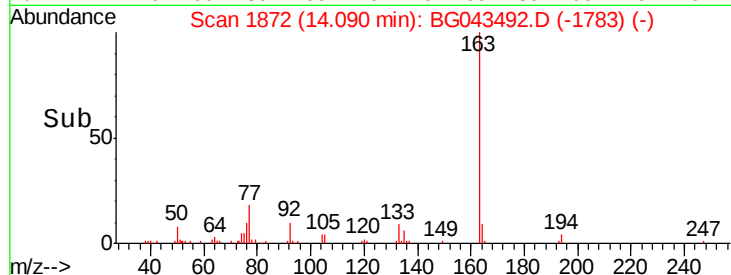
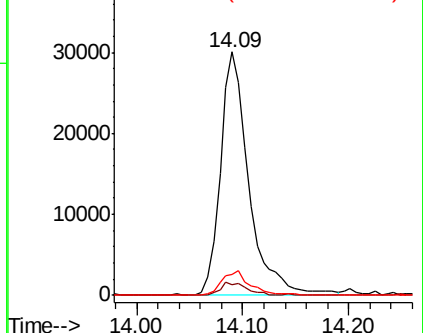
Tot Ion:163	Resp:	56360
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.8 5.6
164	8.8	8.9 13.3#



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



#54

2,4-Dinitrophenol

Concen: 7.353 ng

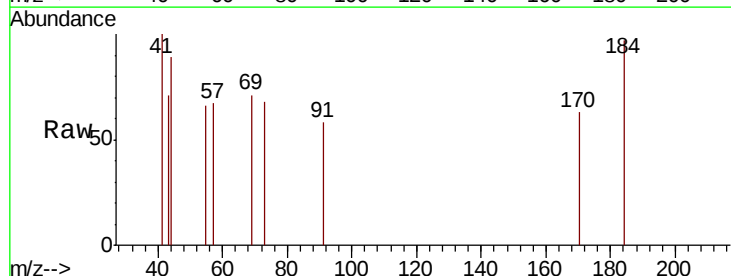
RT: 15.11 min Scan# 2045

Delta R.T. 0.35 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

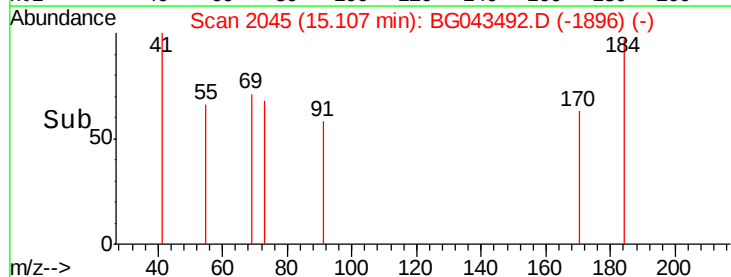
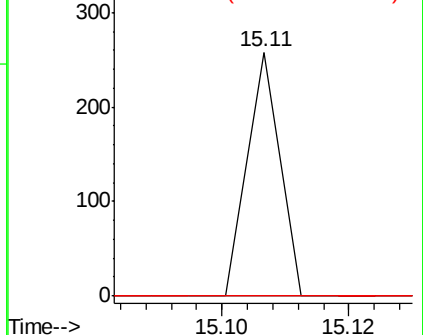
Tgt Ion:184	Resp:	91
Ion Ratio	Lower	Upper
184	100	
63	0.0	51.3 76.9#
154	0.0	55.4 83.0#

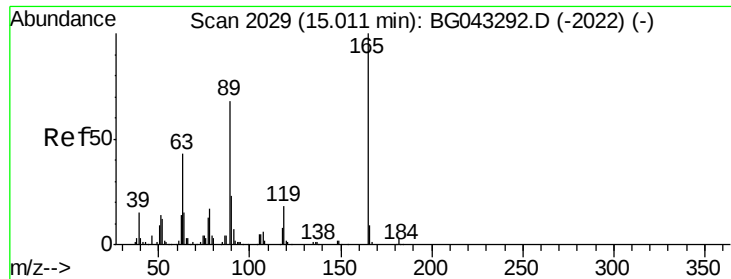


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

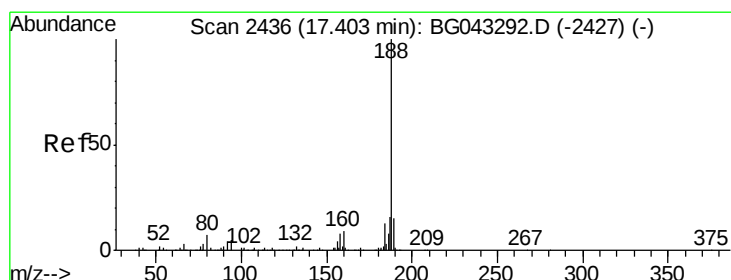
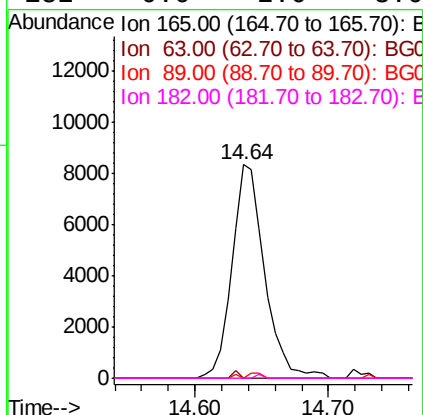
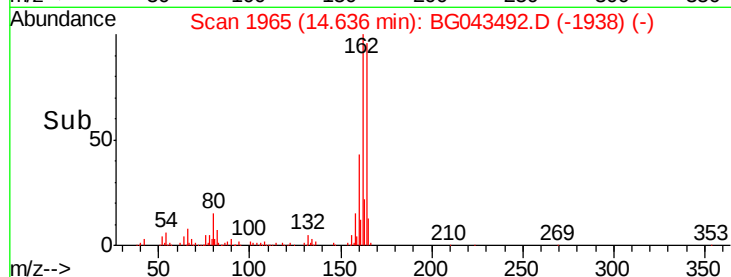
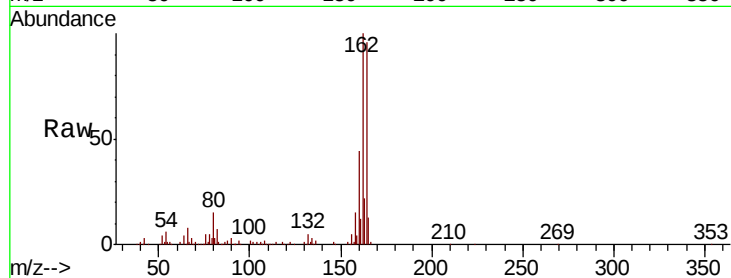




#57
 2,4-Dinitrotoluene
 Concen: 5.260 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

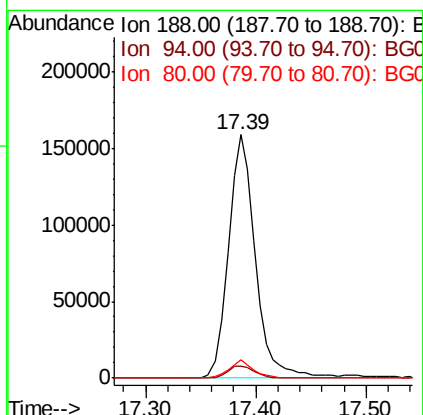
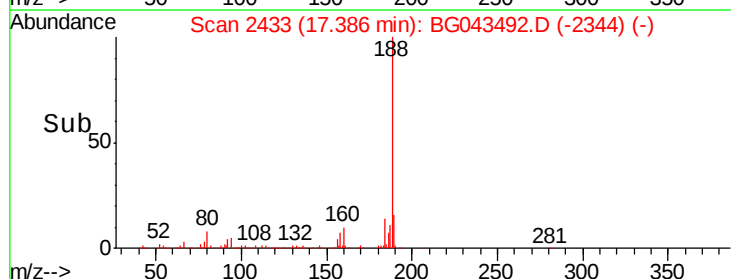
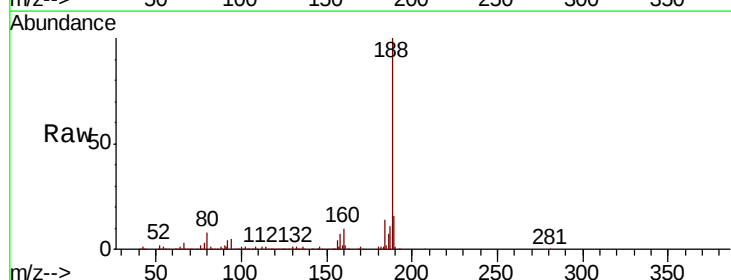
Instrument :
 BNA_G
 ClientSampleId :

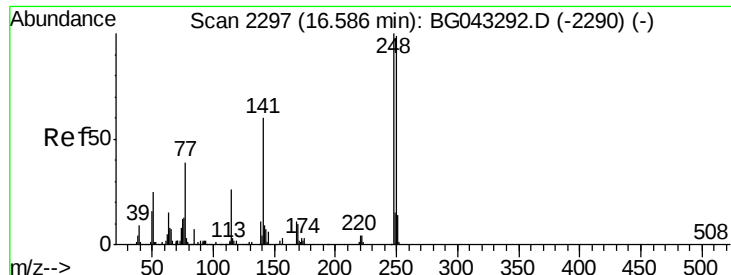
Tot Ion:165 Resp: 14129
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.2 49.8#
 89 0.0 52.2 78.4#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

Tgt Ion:188 Resp: 270574
 Ion Ratio Lower Upper
 188 100
 94 4.9 4.2 6.4
 80 7.5 4.5 6.7#

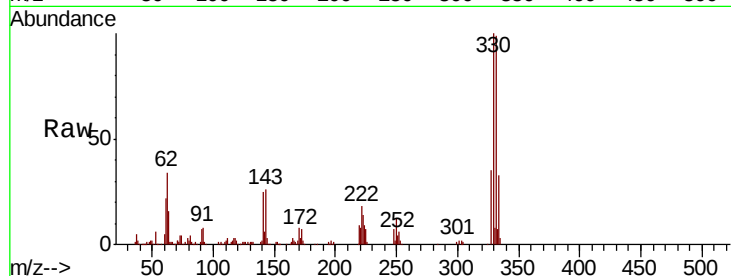




#67
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	176.9	77.0	115.4#
141	364.2	47.5	71.3#

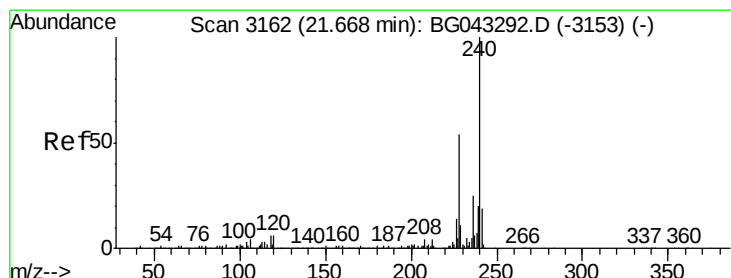
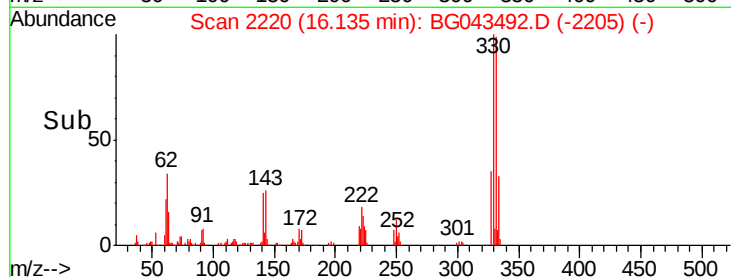
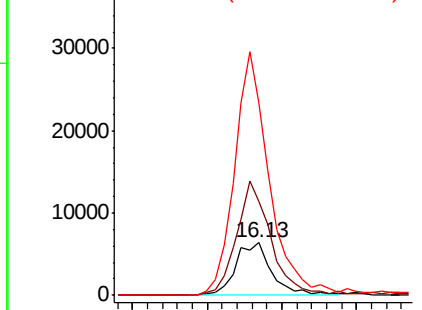


Abundance

Ion 248.00 (247.70 to 248.70): E

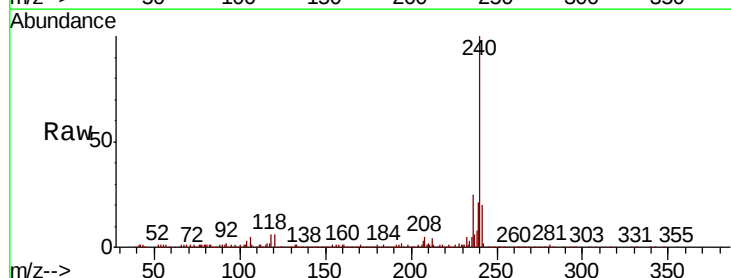
Ion 250.00 (249.70 to 250.70): E

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: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	6.8
236	25.3	19.8	29.8

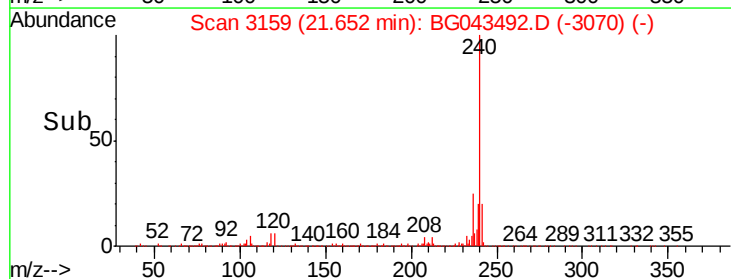
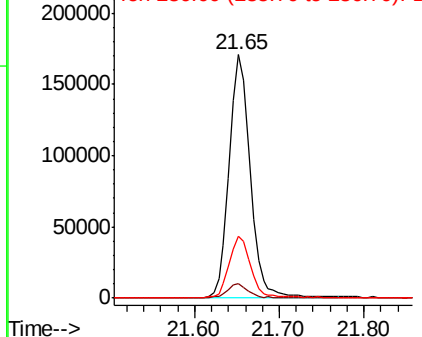


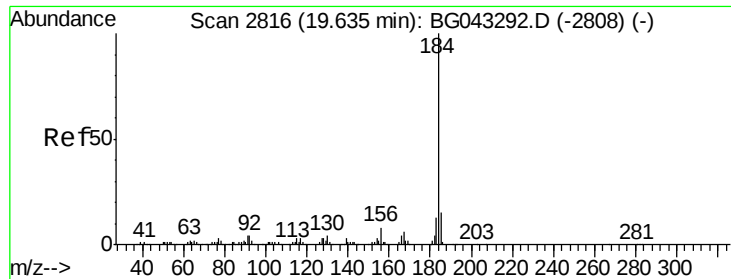
Abundance

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: 2.241 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampleId :

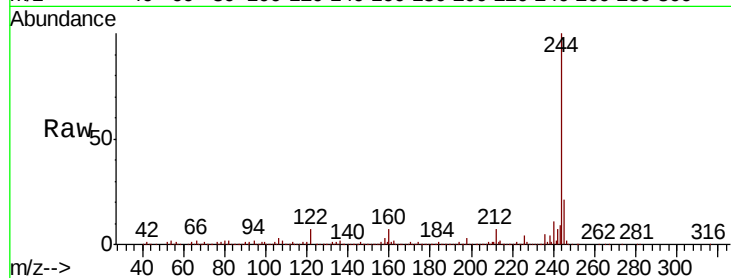
Tot Ion:184 Resp: 13301

Ion Ratio Lower Upper

184 100

185 18.2 11.0 16.4#

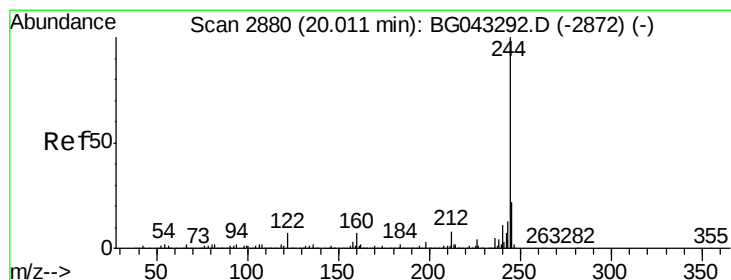
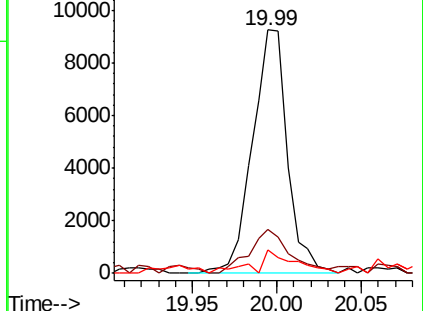
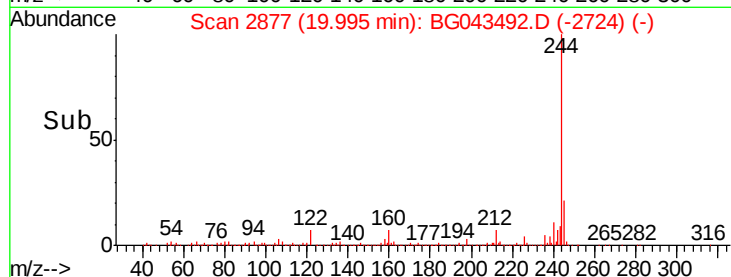
183 9.4 10.0 15.0#



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: 54.850 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

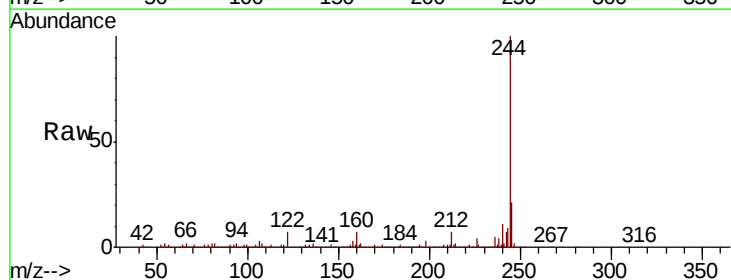
Tgt Ion:244 Resp: 862403

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

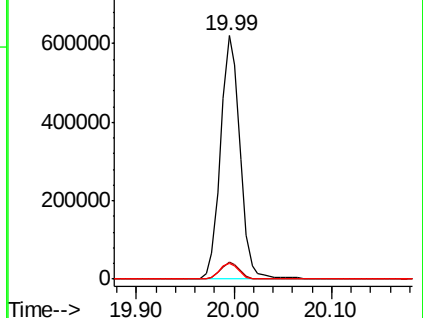
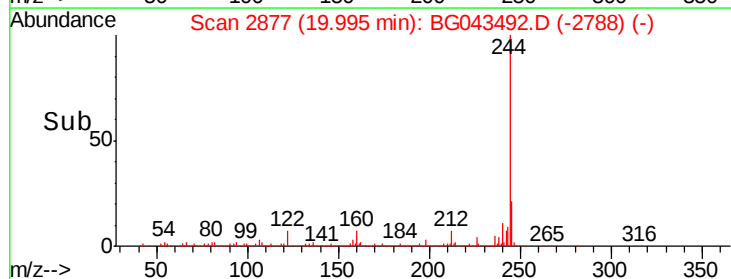
122 6.6 5.4 8.2

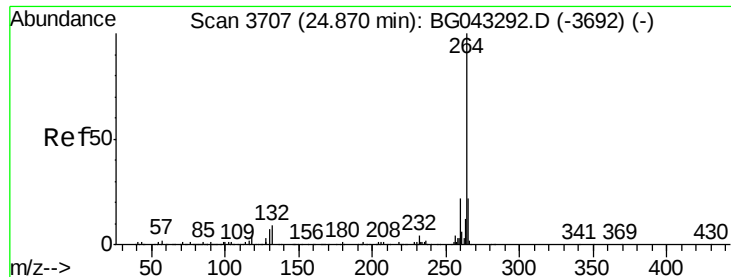


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

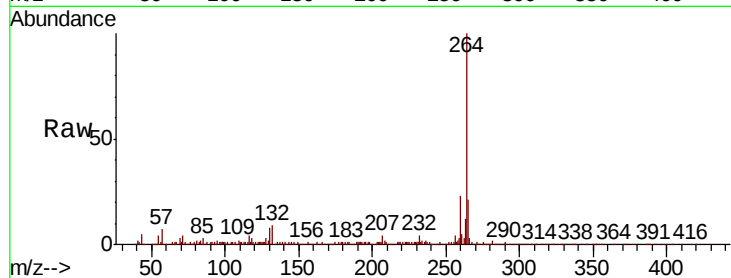




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	21.5	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

