

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043389.D
 Acq On : 30 Oct 2019 2:02
 Operator : JU
 Sample : PB124392TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:27:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

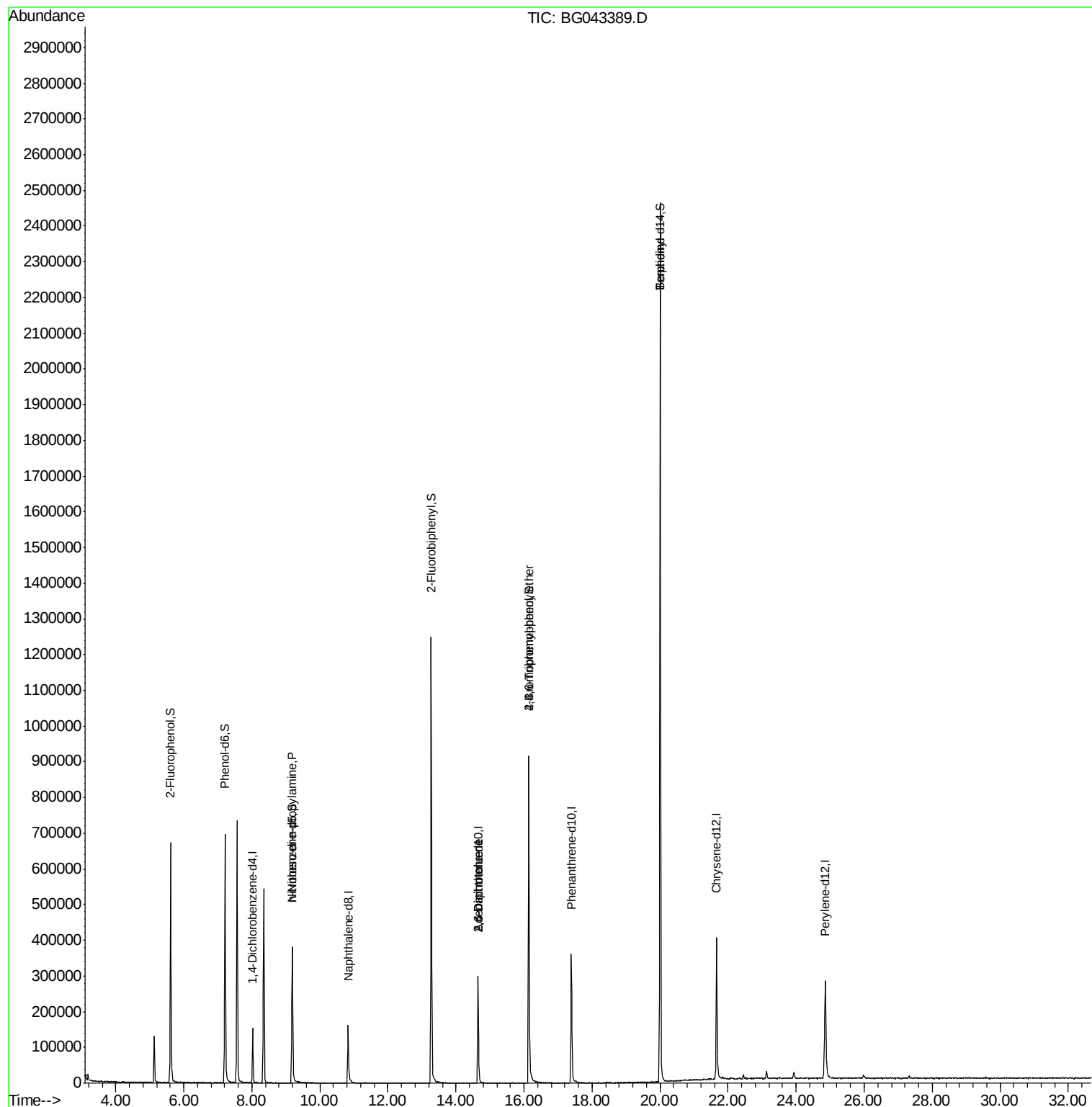
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44541	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160735	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120283	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	269482	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	300110	20.00	ng	-0.01
87) Perylene-d12	24.85	264	343694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	309849	127.47	ng	0.00
7) Phenol-d6	7.21	99	441887	126.36	ng	0.00
23) Nitrobenzene-d5	9.18	82	260991	83.71	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253415	110.71	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	734782	84.41	ng	0.00
79) Terphenyl-d14	20.00	244	1381034	86.33	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	37810	16.731	ng	# 73
51) 2,6-Dinitrotoluene	14.65	165	17347	8.570	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	17346	5.997	ng	# 25
67) 4-Bromophenyl-phenylether	16.14	248	16573	4.570	ng	# 1
77) Benzidine	20.01	184	19591	3.244	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043389.D
Acq On : 30 Oct 2019 2:02
Operator : JU
Sample : PB124392TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 30 06:27:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



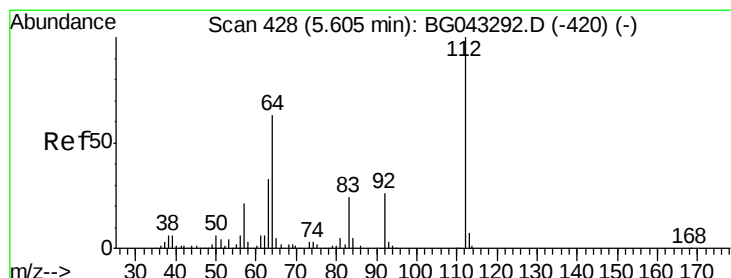
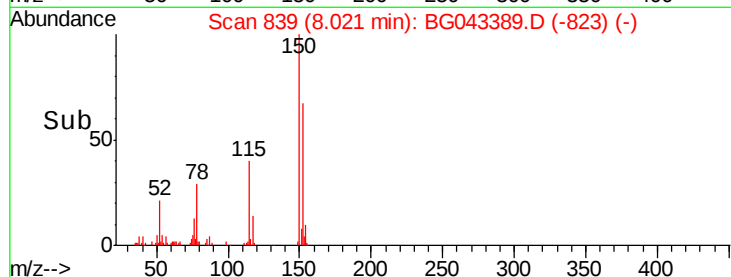
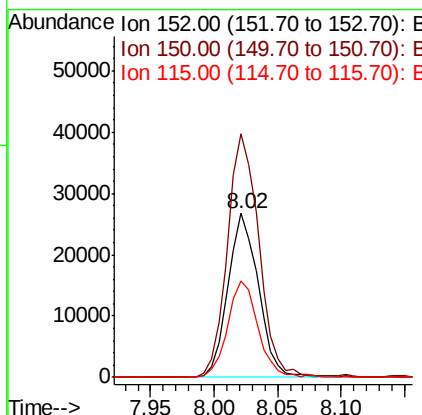
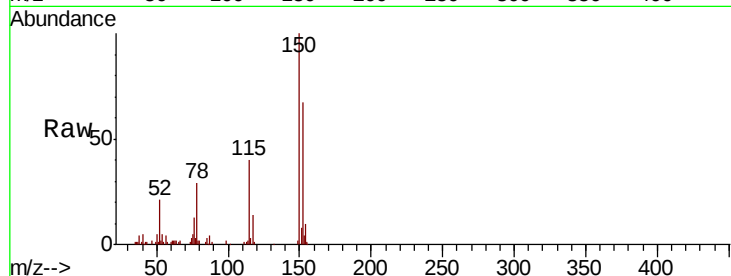


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Instrument :
BNA_G
ClientSampled :

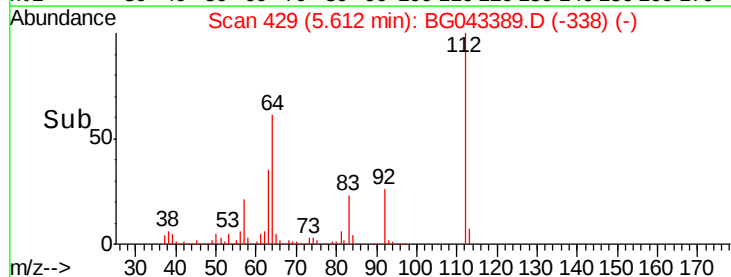
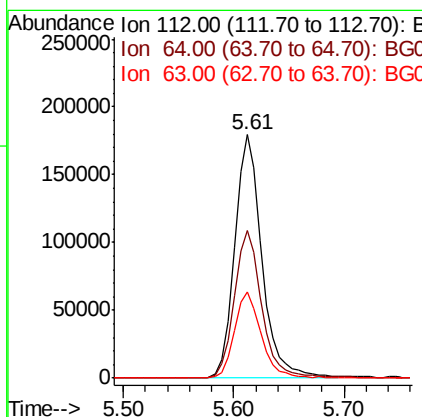
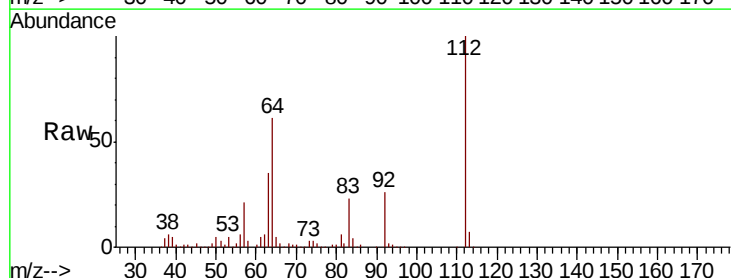
Tot Ion:152 Resp: 44541
Ion Ratio Lower Upper
152 100
150 148.8 113.6 170.4
115 58.9 45.9 68.9

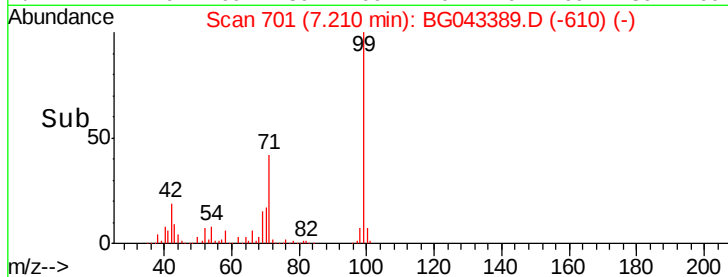
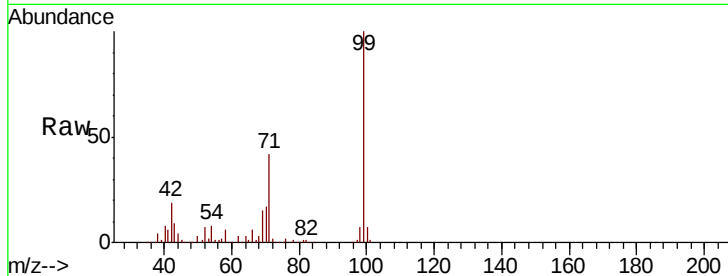
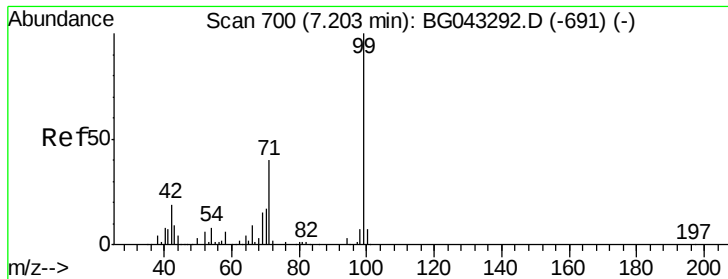


#5

2-Fluorophenol
Concen: 127.474 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Tgt Ion:112 Resp: 309849
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.2
63 35.2 26.7 40.1





#7

Phenol-d6

Concen: 126.355 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

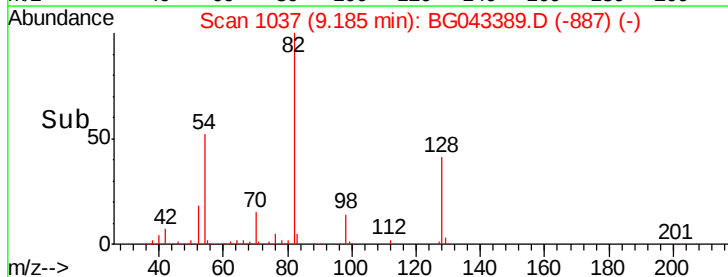
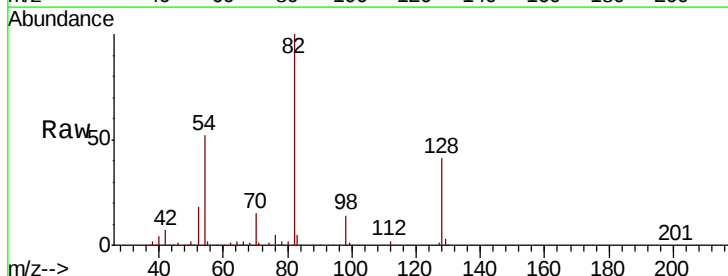
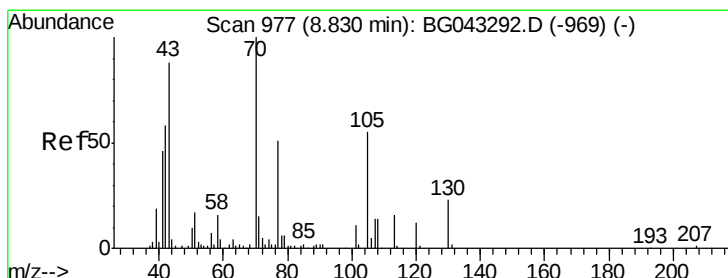
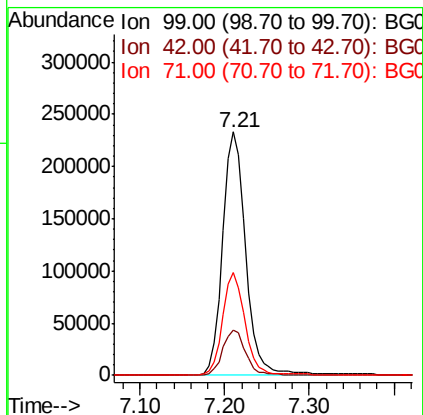
Tot Ion: 99 Resp: 441887

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 42.4 32.2 48.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.731 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Tgt Ion: 70 Resp: 37810

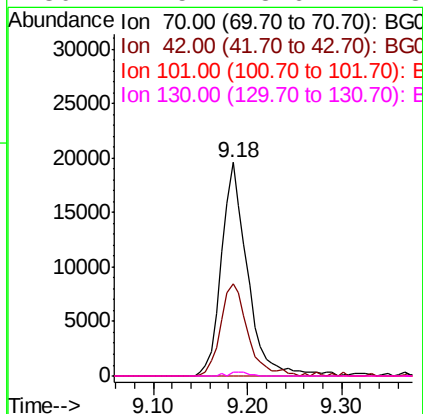
Ion Ratio Lower Upper

70 100

42 43.2 46.2 69.2#

101 0.0 8.6 13.0#

130 1.5 18.6 27.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 160735

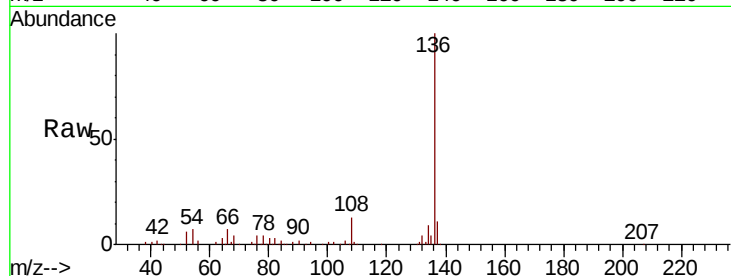
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 6.8 5.4 8.2

68 4.1 3.3 4.9

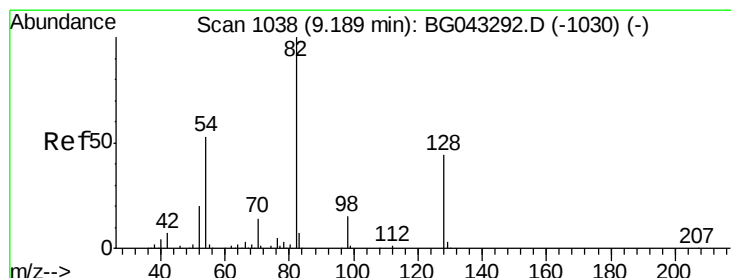
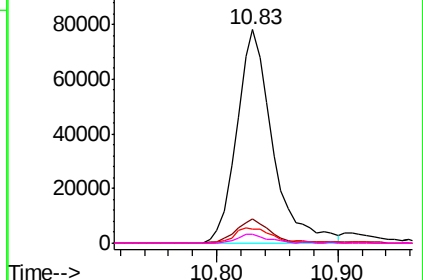
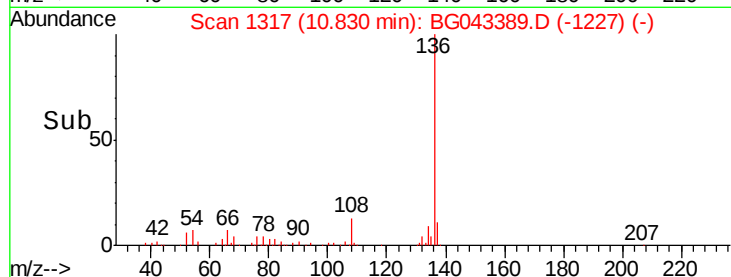


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.711 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

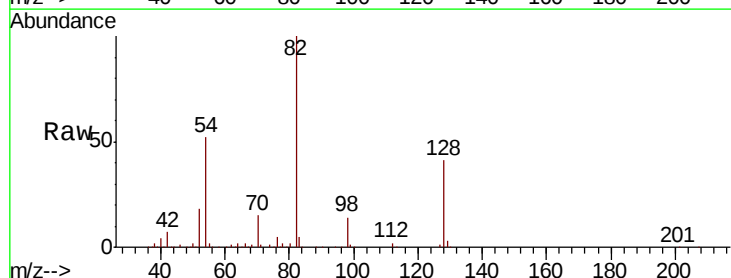
Tgt Ion: 82 Resp: 260991

Ion Ratio Lower Upper

82 100

128 40.6 35.3 52.9

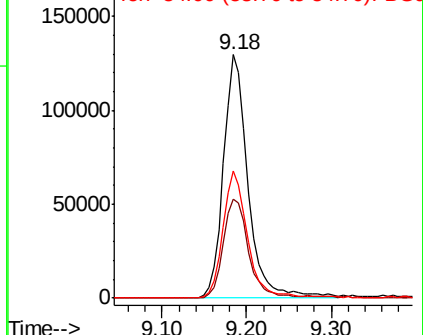
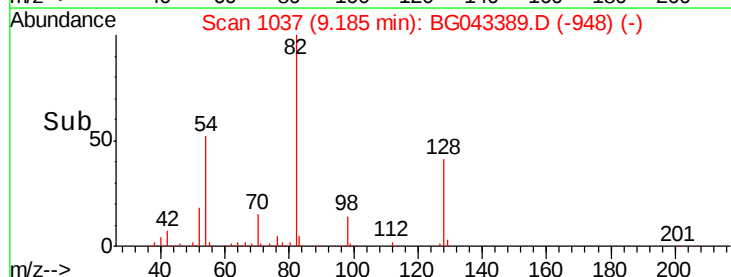
54 52.3 42.3 63.5

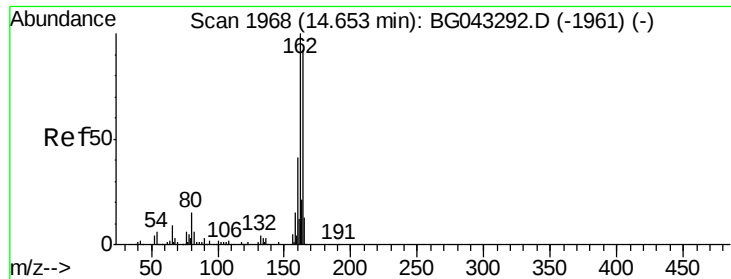


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

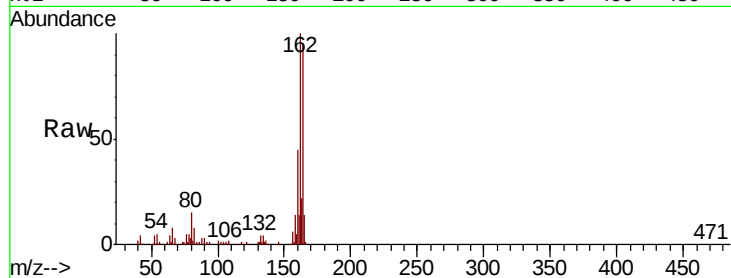
Tot Ion:164 Resp: 120283

Ion Ratio Lower Upper

164 100

162 105.0 87.0 130.4

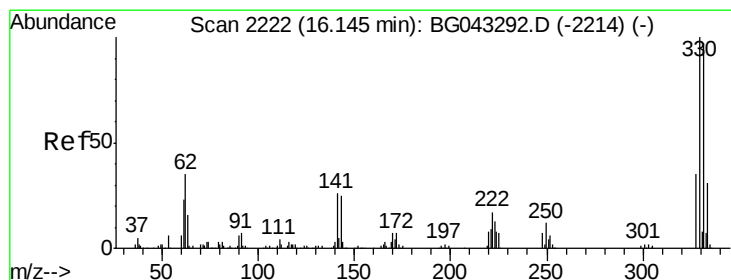
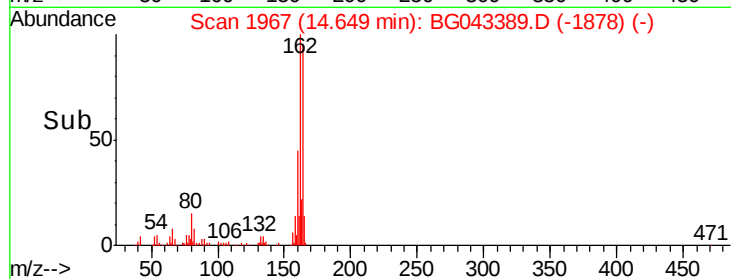
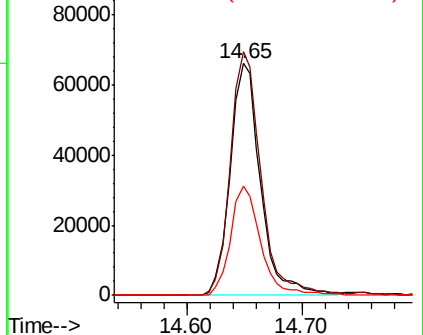
160 47.1 35.5 53.3



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: 110.710 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

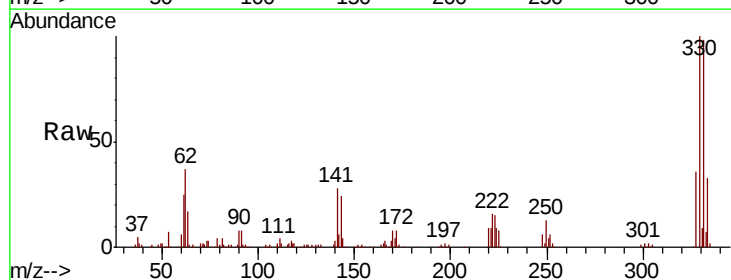
Tgt Ion:330 Resp: 253415

Ion Ratio Lower Upper

330 100

332 94.6 76.4 114.6

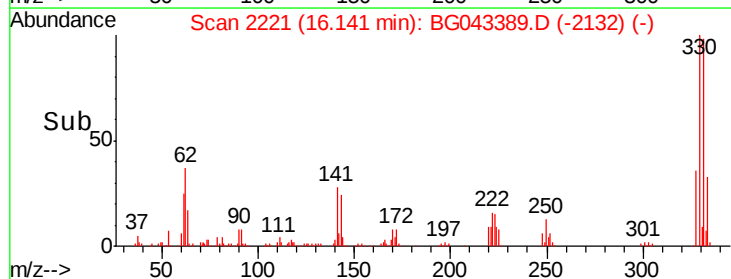
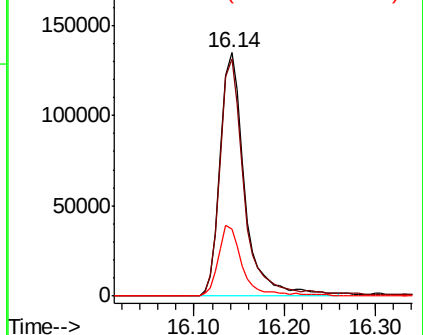
141 28.5 21.4 32.0

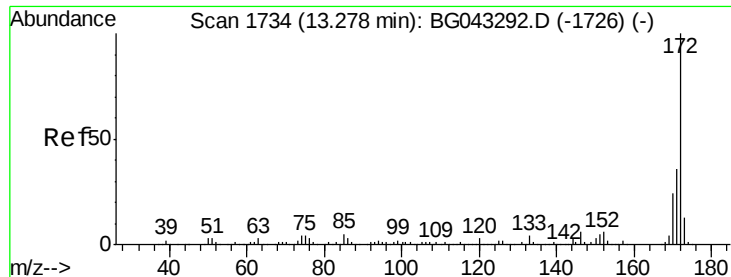


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

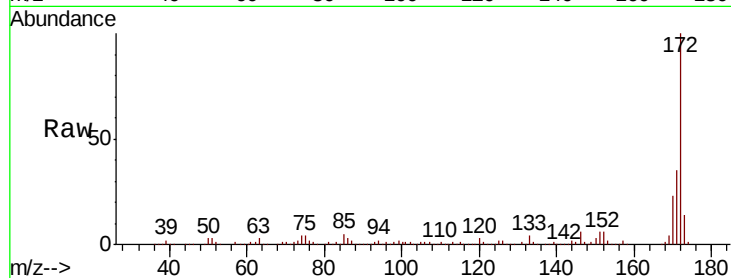




#45
 2-Fluorobiphenyl
 Concen: 84.411 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	18.8	28.2

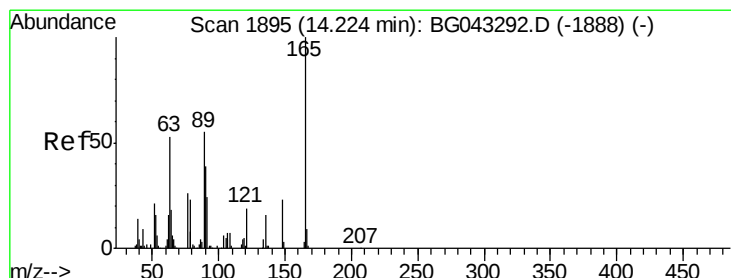
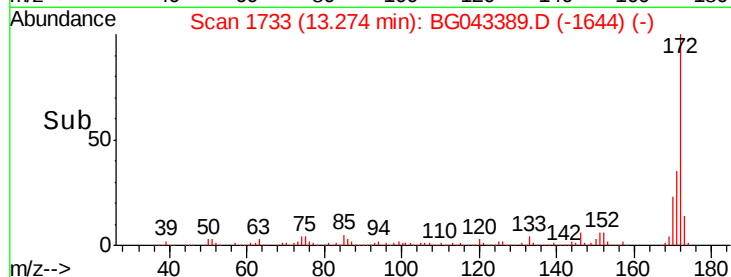
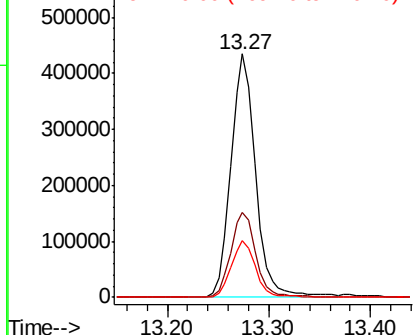


Abundance

Ion 172.00 (171.70 to 172.70): E

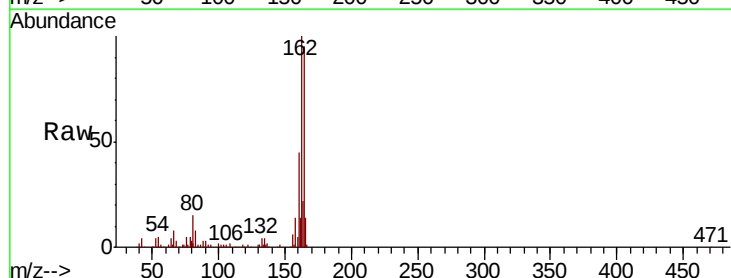
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 8.570 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.42 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	1.6	43.7	65.5#

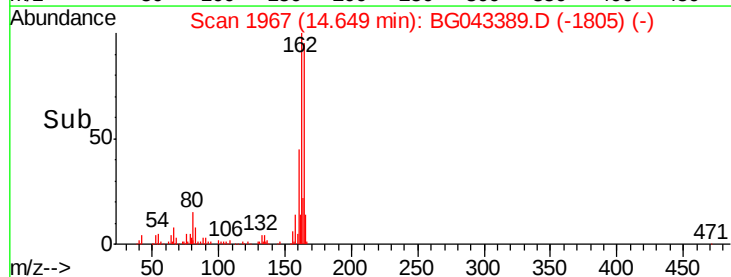
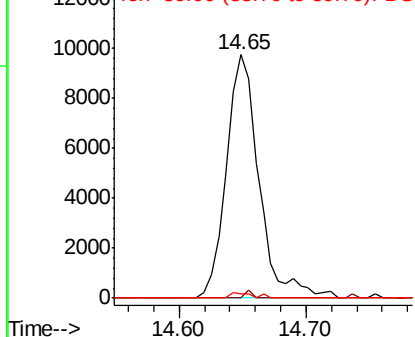


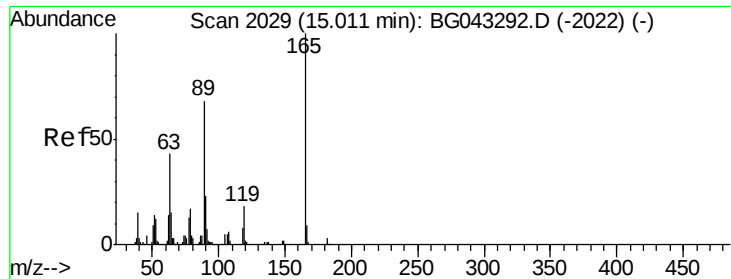
Abundance

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

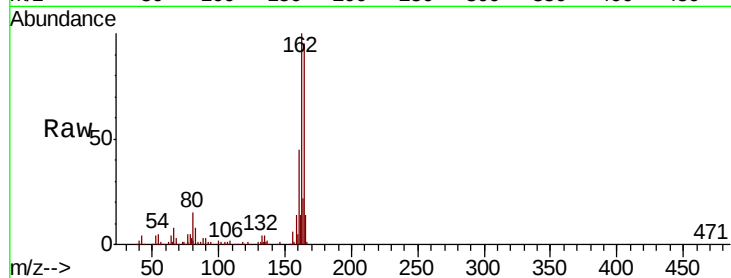




#57
 2,4-Dinitrotoluene
 Concen: 5.997 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	1.6	54.1	81.1#
182	0.0	2.2	3.2#

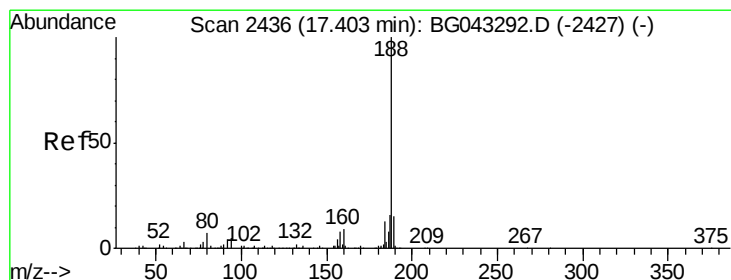
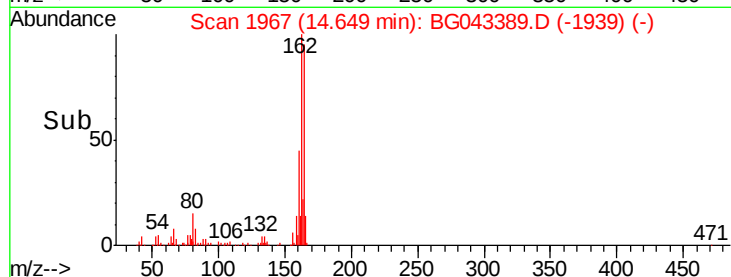
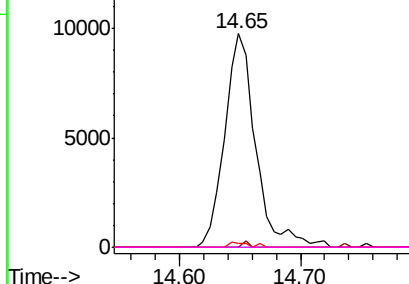


Abundance Ion 165.00 (164.70 to 165.70): E

15000 Ion 63.00 (62.70 to 63.70): BGC

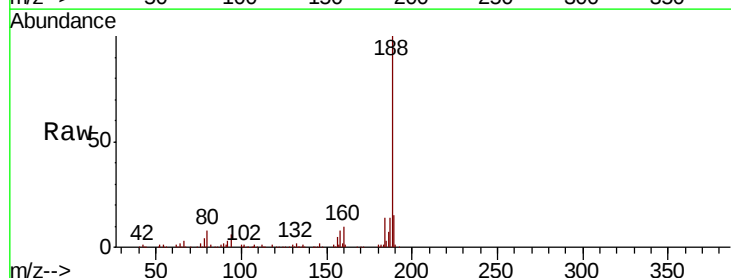
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

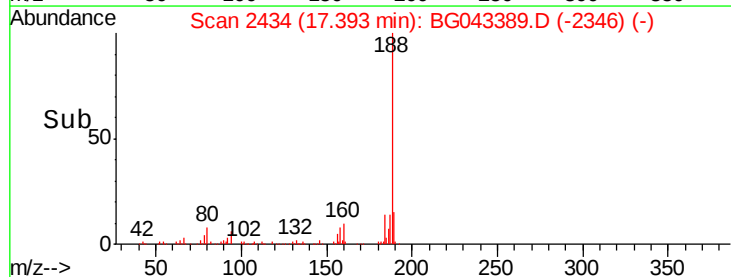
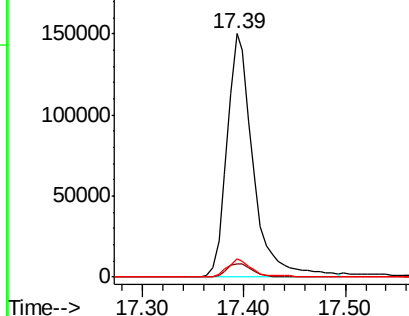
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	7.8	5.2	7.8

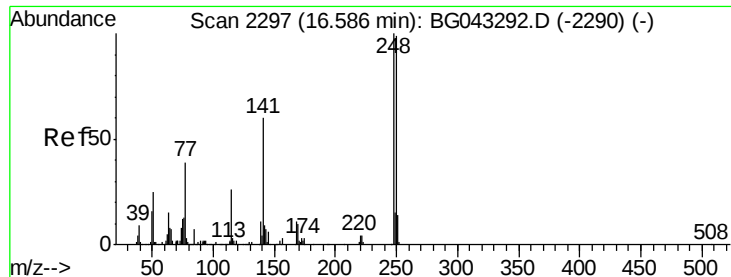


Abundance Ion 188.00 (187.70 to 188.70): E

200000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

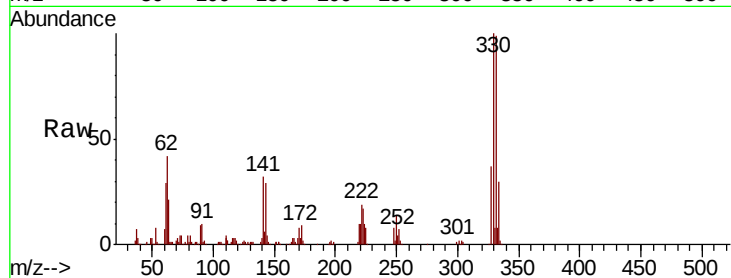




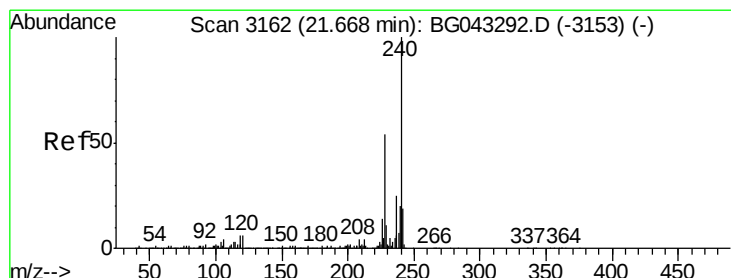
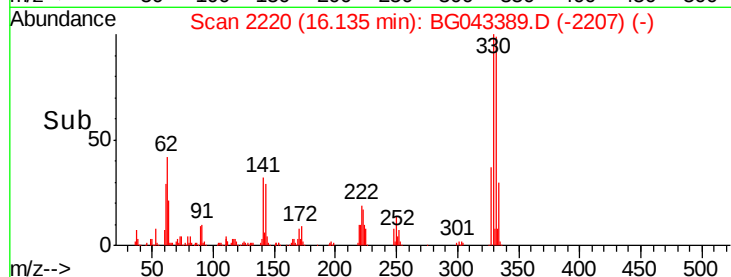
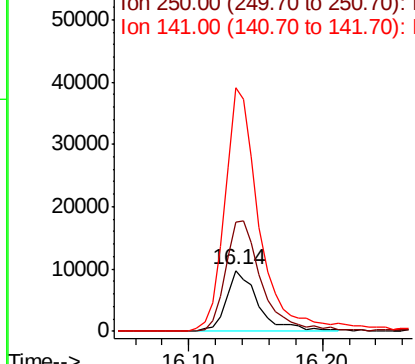
#67
4-Bromophenyl-phenylether
Concen: 4.570 ng
RT: 16.14 min Scan# 2220
Delta R.T. -0.45 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16573
Ion Ratio Lower Upper
248 100
250 178.4 79.3 118.9#
141 399.6 47.9 71.9#

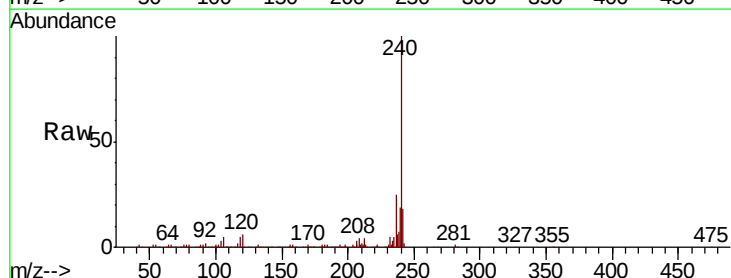


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

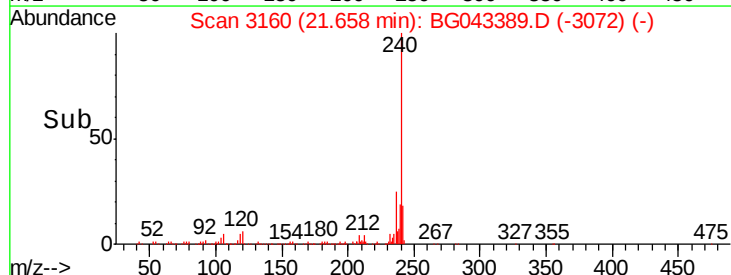
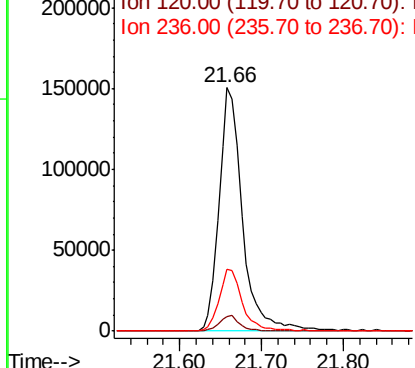


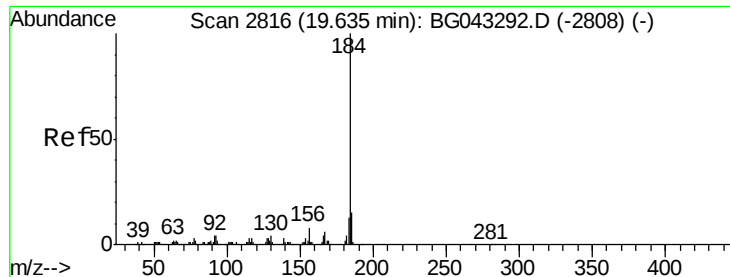
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Tgt Ion:240 Resp: 300110
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.3 20.2 30.4



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: 3.244 ng

RT: 20.01 min Scan# 2879

Delta R.T. 0.37 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

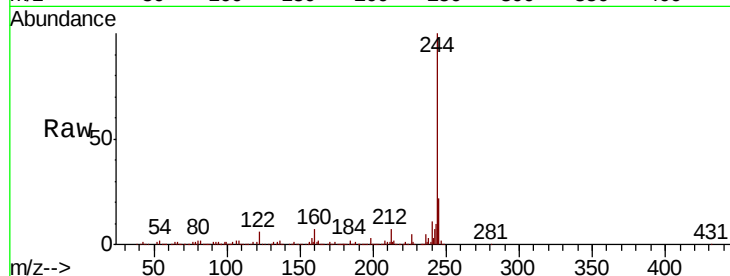
Tot Ion:184 Resp: 19591

Ion Ratio Lower Upper

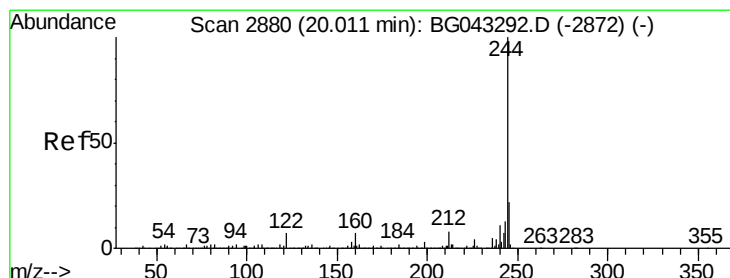
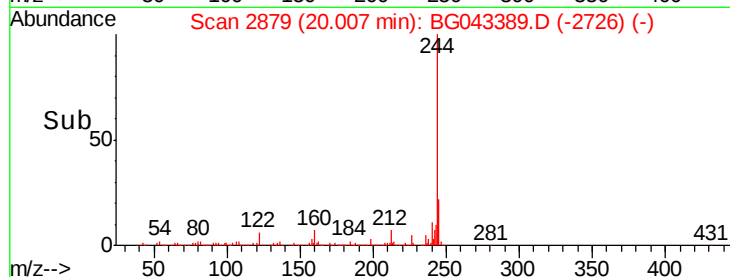
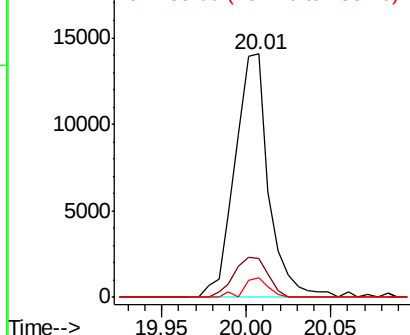
184 100

185 16.0 11.8 17.6

183 8.0 10.6 16.0#



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: 86.332 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

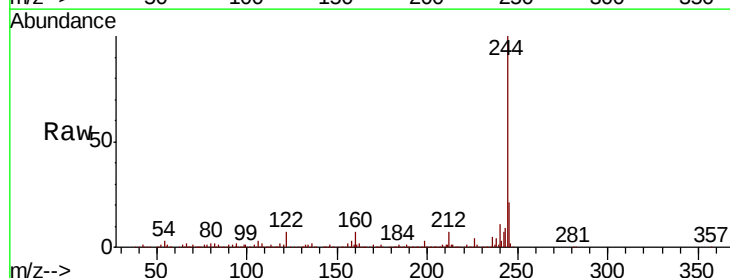
Tgt Ion:244 Resp: 1381034

Ion Ratio Lower Upper

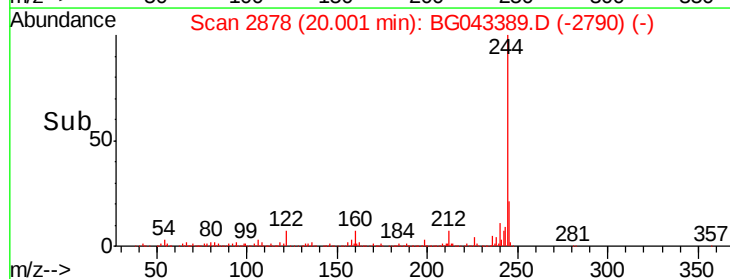
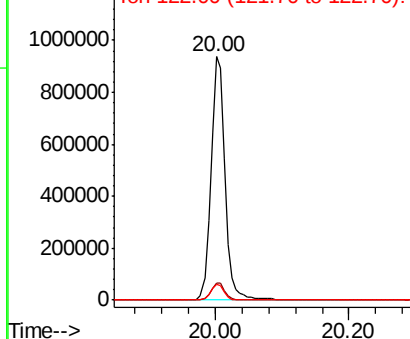
244 100

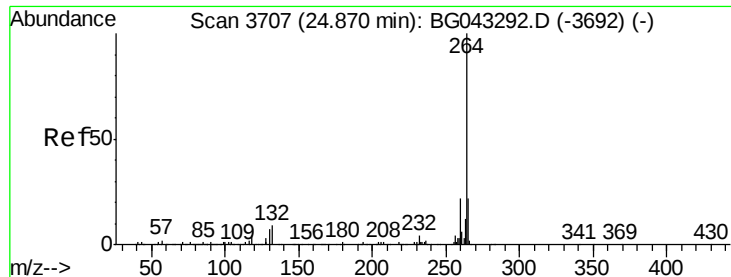
212 7.2 6.4 9.6

122 6.6 5.3 7.9



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

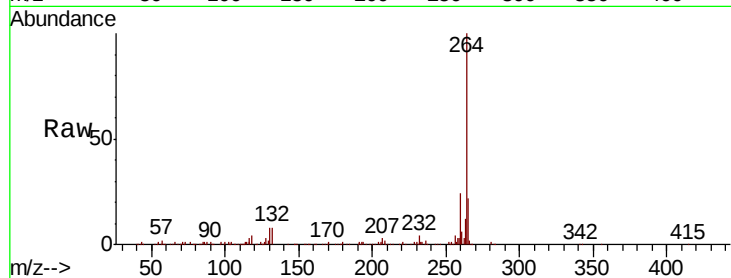




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	22.2	17.4	26.2



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

