

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043396.D
 Acq On : 30 Oct 2019 6:32
 Operator : JU
 Sample : K5576-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 09:13:58 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

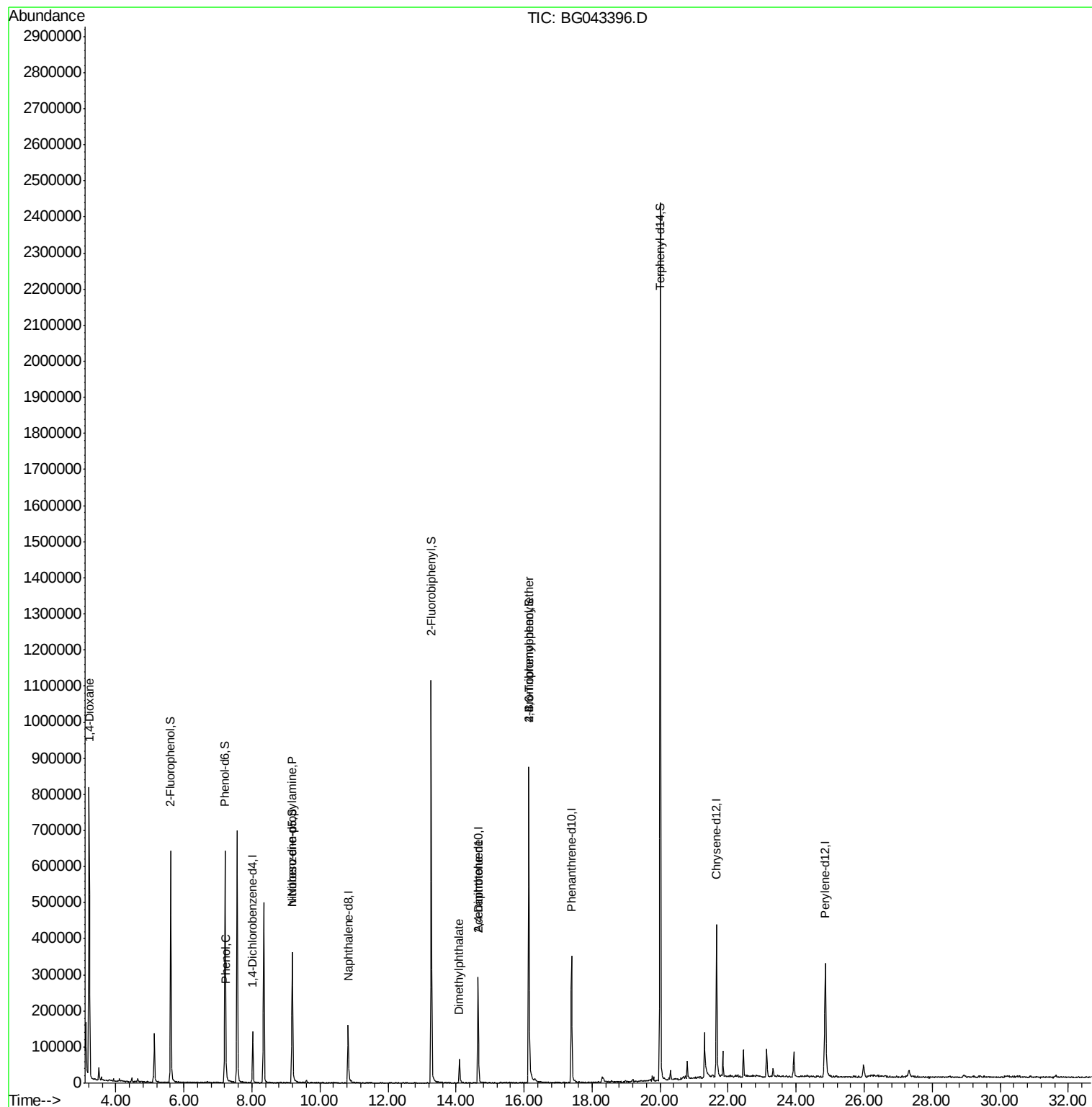
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43297	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160022	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118208	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	266949	20.00	ng	0.00
76) Chrysene-d12	21.66	240	299658	20.00	ng	-0.01
87) Perylene-d12	24.85	264	348369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295309	124.98	ng	0.01
7) Phenol-d6	7.21	99	409631	120.50	ng	0.00
23) Nitrobenzene-d5	9.18	82	247869	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	238288	105.93	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	662781	77.48	ng	0.00
79) Terphenyl-d14	20.01	244	1362613	85.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	9103	9.886	ng	# 1
10) Phenol	7.24	94	8658	2.787	ng	# 69
19) n-Nitroso-di-n-propylamine	9.18	70	34613	15.757	ng	# 72
50) Dimethylphthalate	14.10	163	58715	6.413	ng	# 99
57) 2,4-Dinitrotoluene	14.65	165	15552	5.471	ng	# 28
67) 4-Bromophenyl-phenylether	16.14	248	15747	4.383	ng	# 1

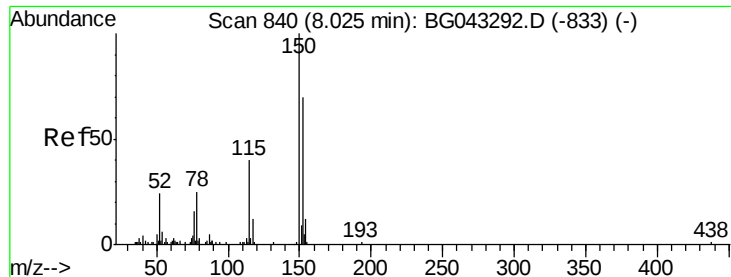
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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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. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampled :

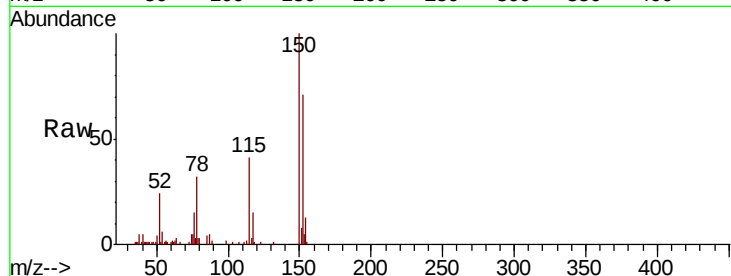
Tot Ion:152 Resp: 43297

Ion Ratio Lower Upper

152 100

150 140.0 113.6 170.4

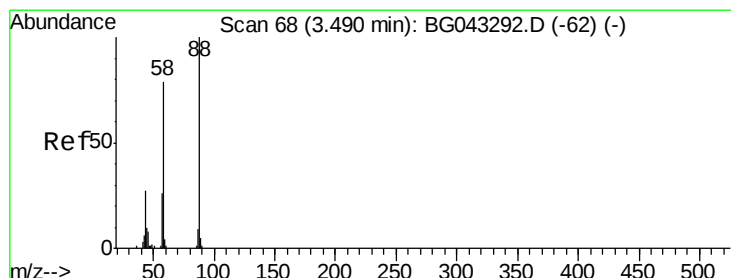
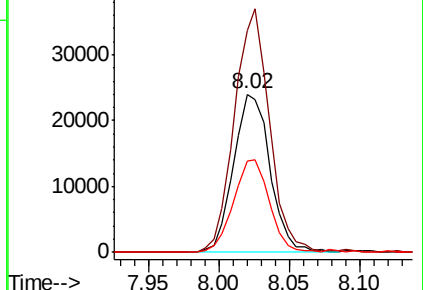
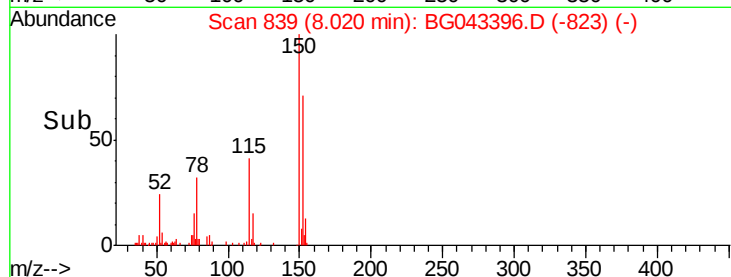
115 57.7 45.9 68.9



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: 9.886 ng

RT: 3.22 min Scan# 22

Delta R.T. -0.27 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

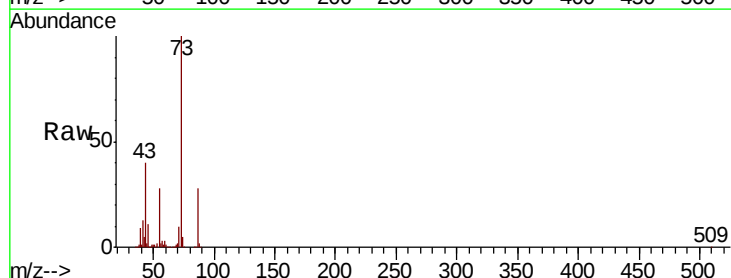
Tgt Ion: 88 Resp: 9103

Ion Ratio Lower Upper

88 100

58 53.9 60.2 90.2#

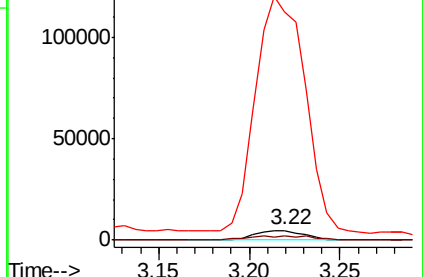
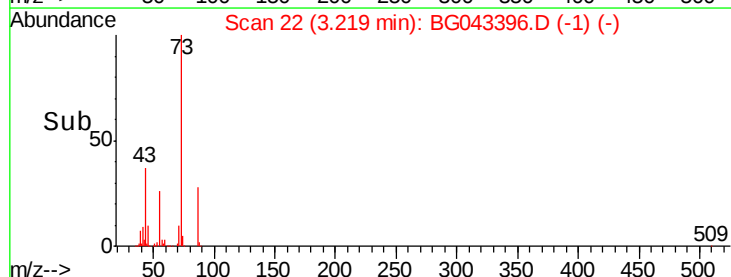
43 2438.2 22.7 34.1#

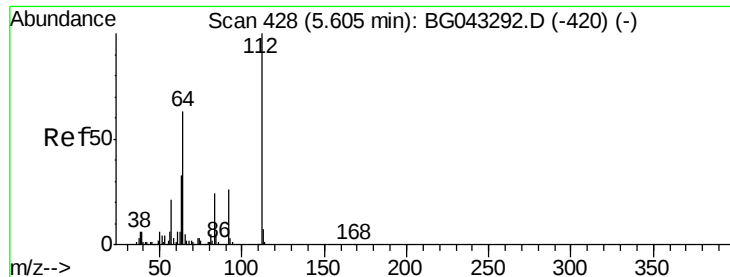


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 124.983 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampleId :

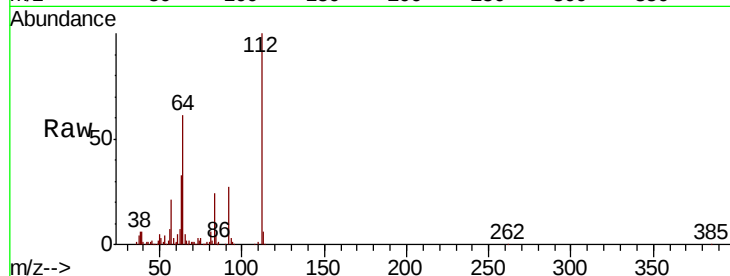
Tot Ion:112 Resp: 295309

Ion Ratio Lower Upper

112 100

64 60.5 50.2 75.2

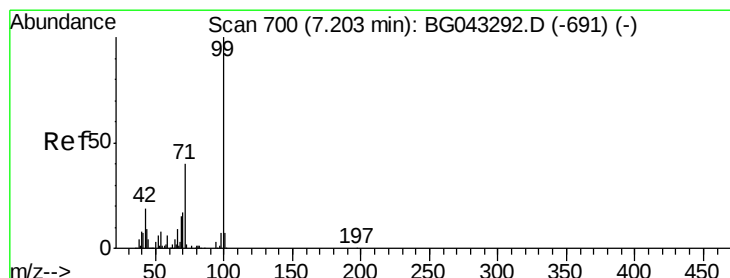
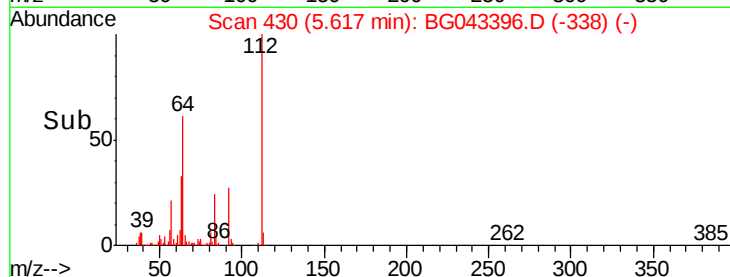
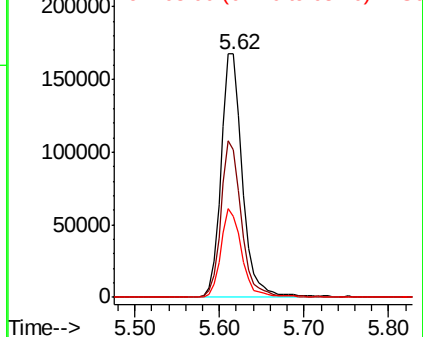
63 33.1 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 120.497 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

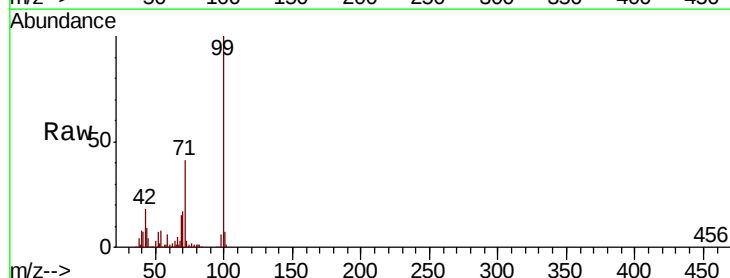
Tgt Ion: 99 Resp: 409631

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

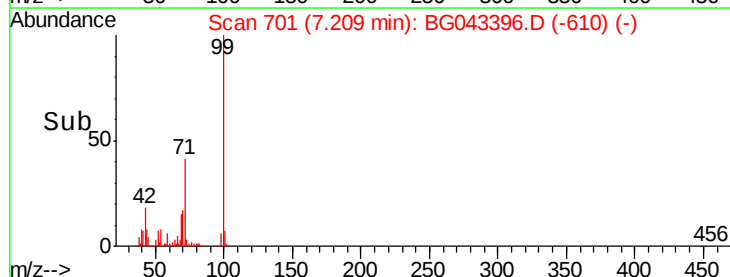
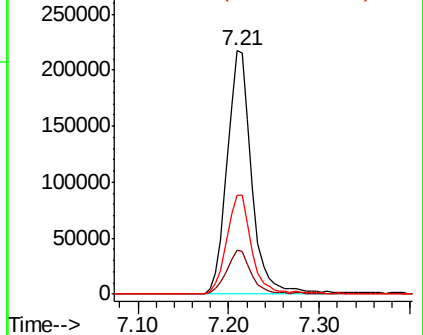
71 40.8 32.2 48.2

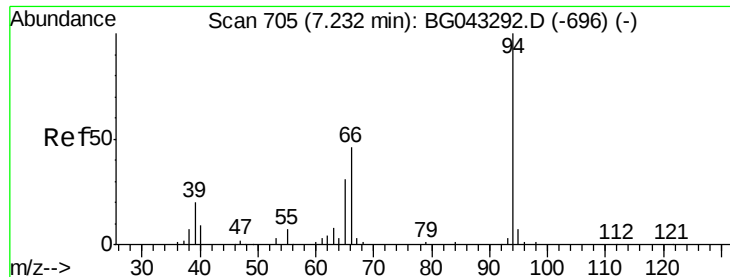


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.787 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampleId :

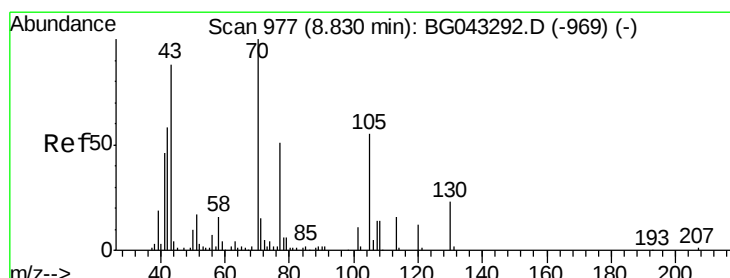
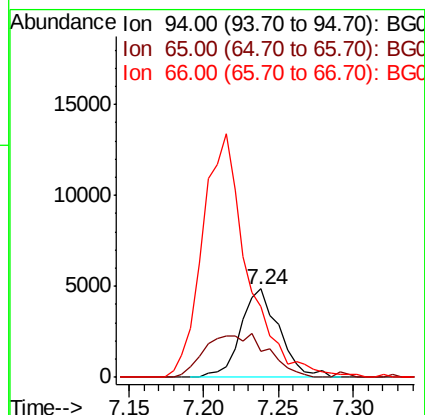
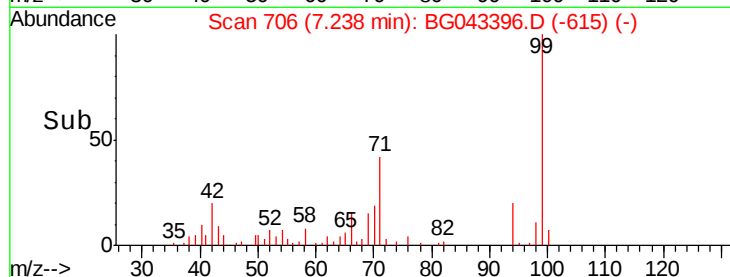
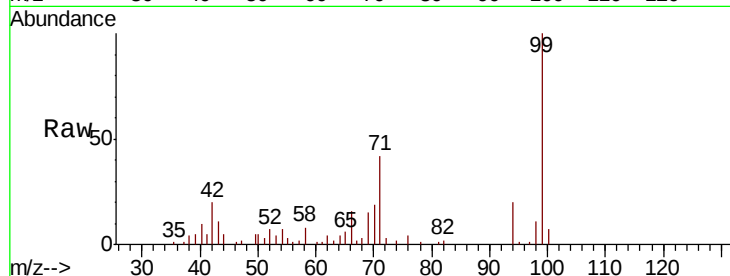
Tot Ion: 94 Resp: 8658

Ion Ratio Lower Upper

94 100

65 28.9 11.1 51.1

66 80.0 27.8 67.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.757 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Tgt Ion: 70 Resp: 34613

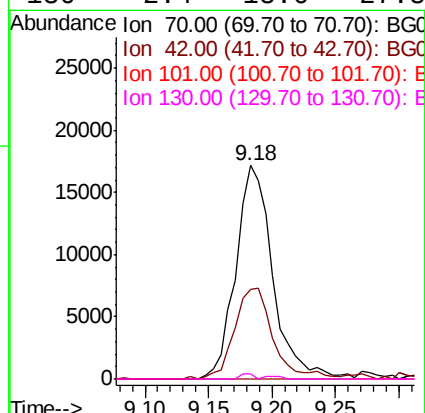
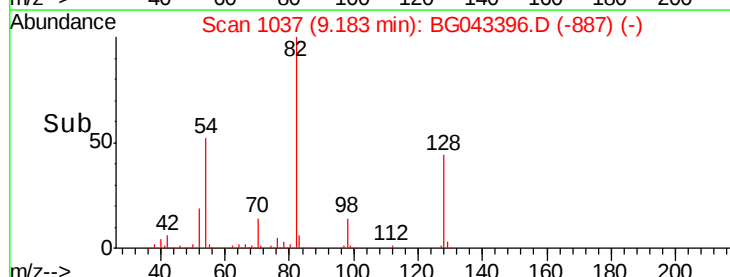
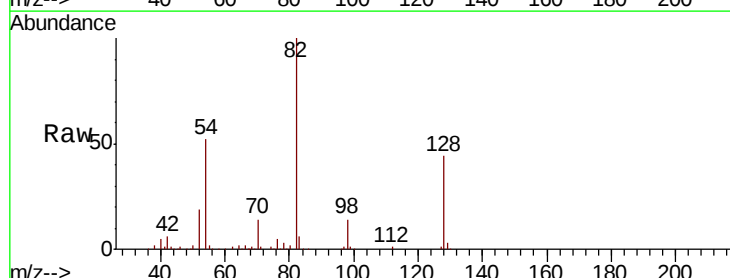
Ion Ratio Lower Upper

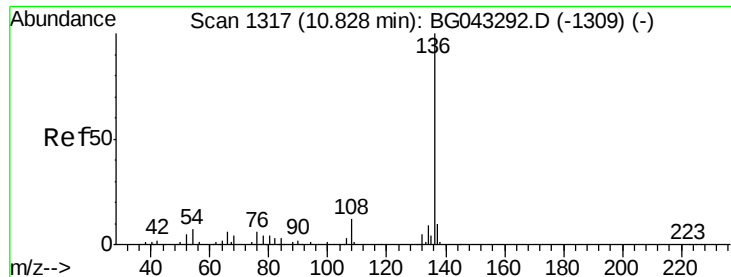
70 100

42 41.8 46.2 69.2#

101 0.0 8.6 13.0#

130 2.4 18.6 27.8#

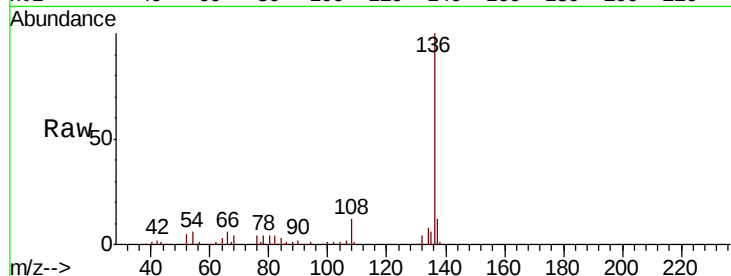




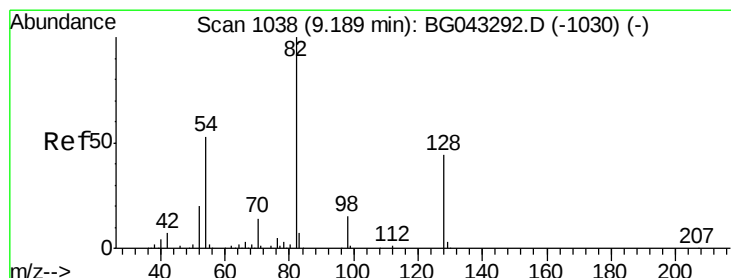
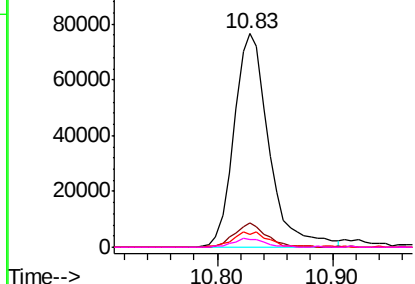
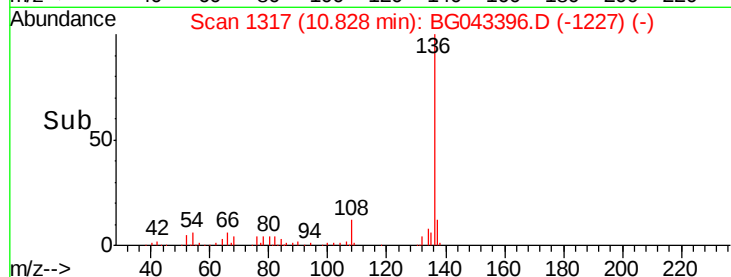
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	160022
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.2 12.2
54	6.2	5.4 8.2
68	3.8	3.3 4.9

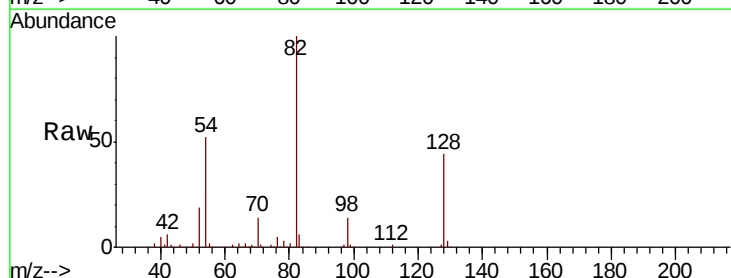


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

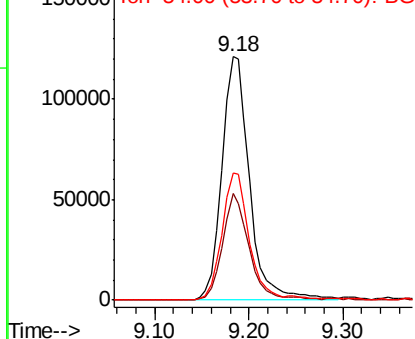
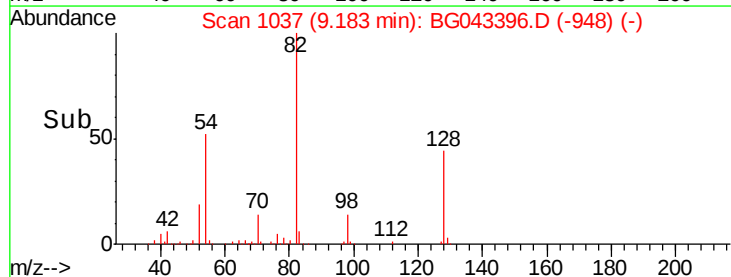


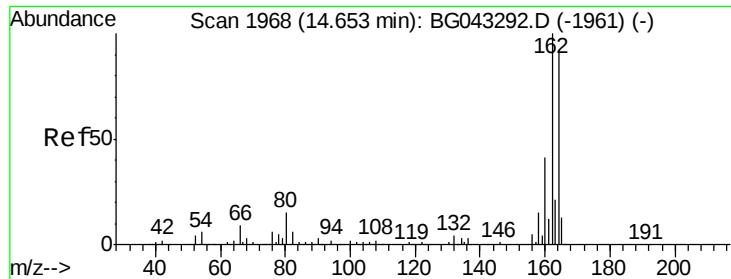
#23
Nitrobenzene-d5
Concen: 79.856 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Tgt Ion: 82	Resp:	247869
Ion	Ratio	Lower Upper
82	100	
128	44.1	35.3 52.9
54	52.0	42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampled :

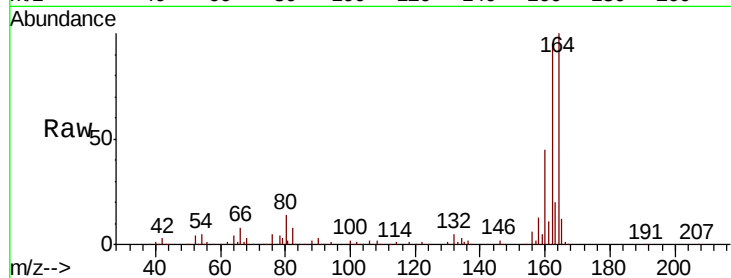
Tot Ion:164 Resp: 118208

Ion Ratio Lower Upper

164 100

162 94.6 87.0 130.4

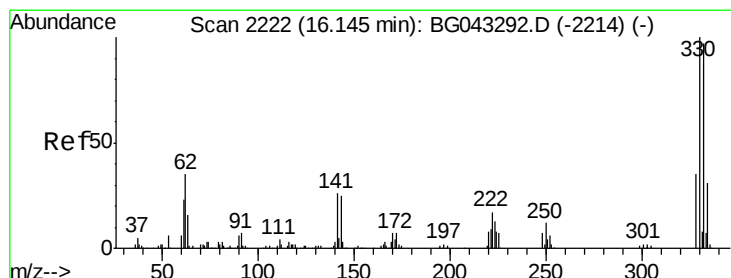
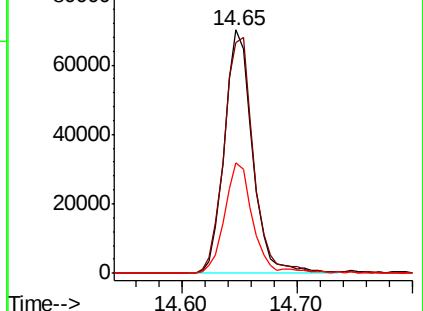
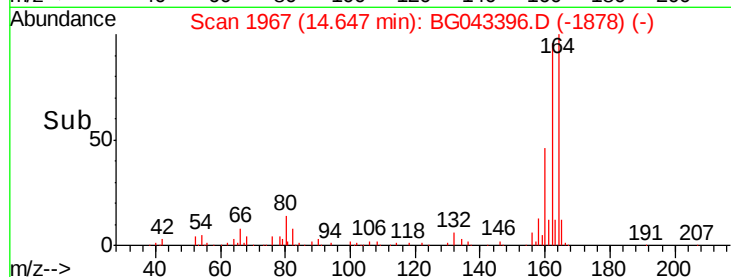
160 45.3 35.5 53.3



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: 105.929 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

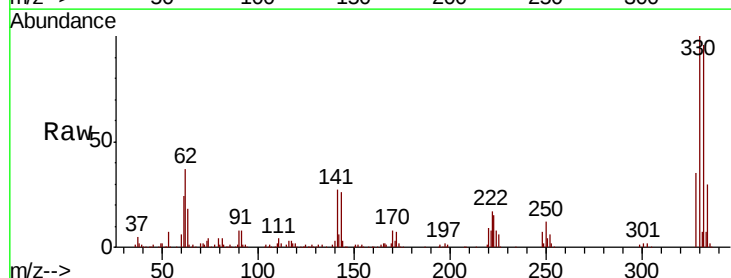
Tgt Ion:330 Resp: 238288

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

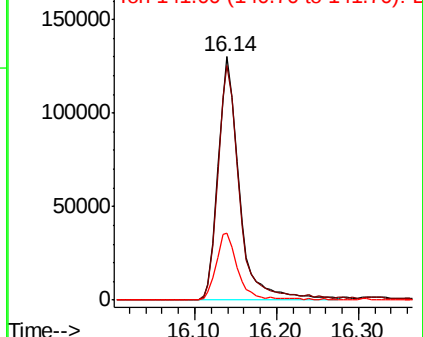
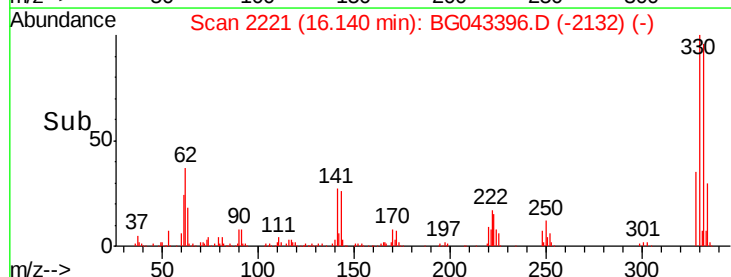
141 28.5 21.4 32.0

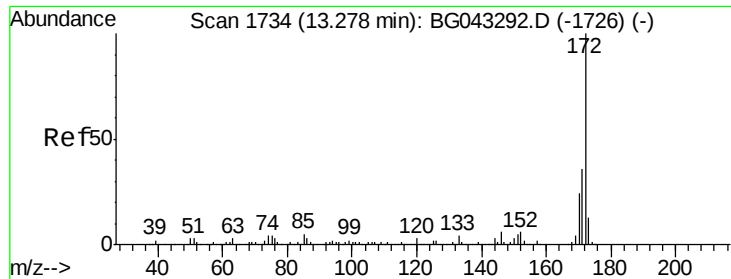


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

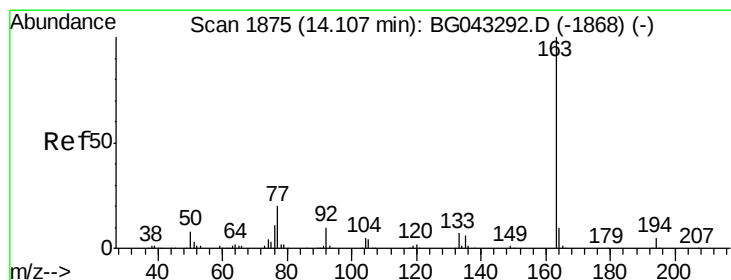
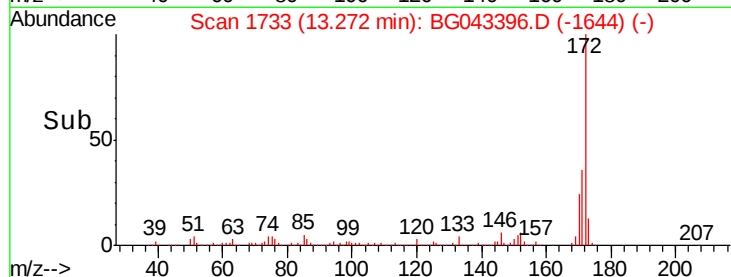
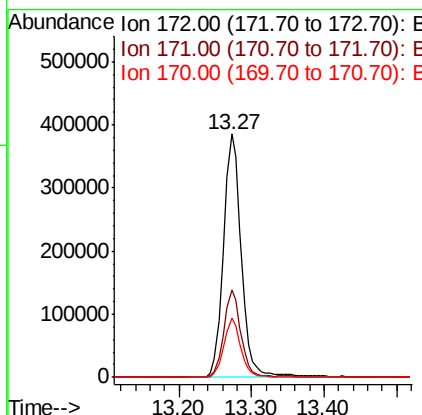
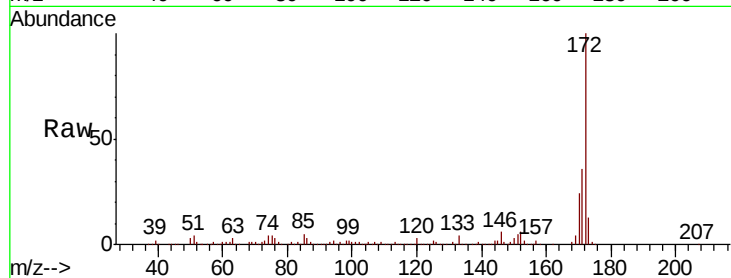




#45
 2-Fluorobiphenyl
 Concen: 77.476 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

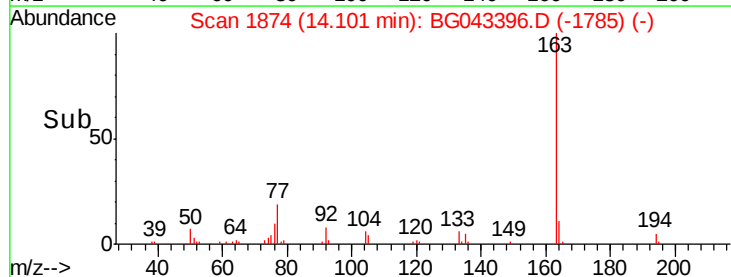
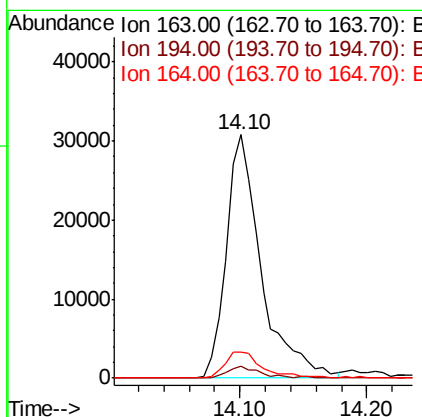
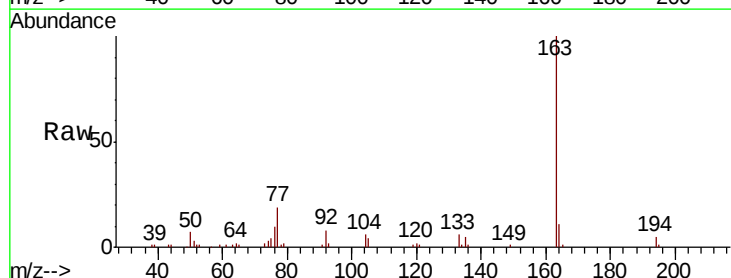
Instrument :
 BNA_G
 ClientSampleId :

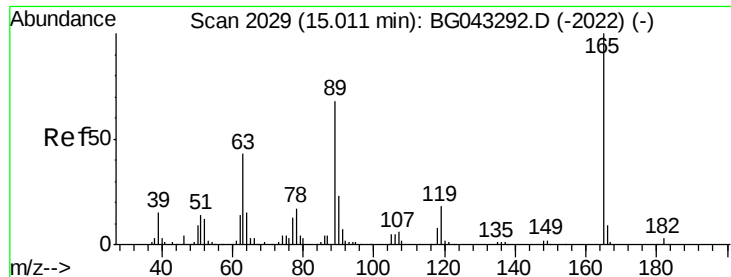
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.2	18.8	28.2



#50
 Dimethylphthalate
 Concen: 6.413 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.8	8.1	12.1

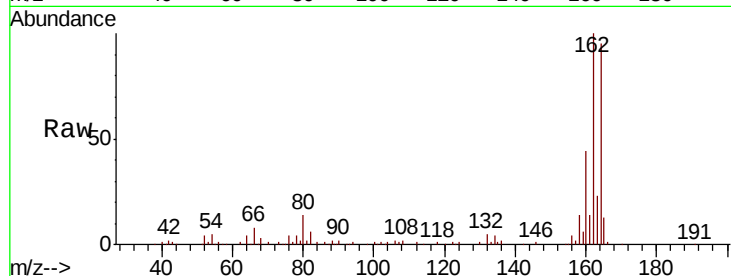




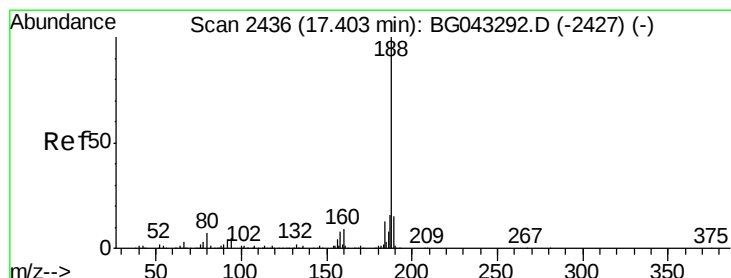
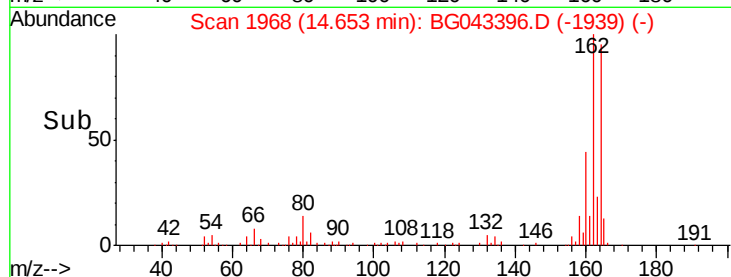
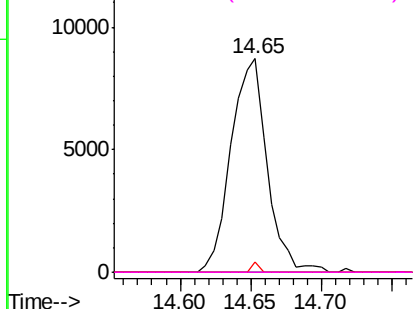
#57
 2,4-Dinitrotoluene
 Concen: 5.471 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	4.8	54.1	81.1#
182	0.0	2.2	3.2#

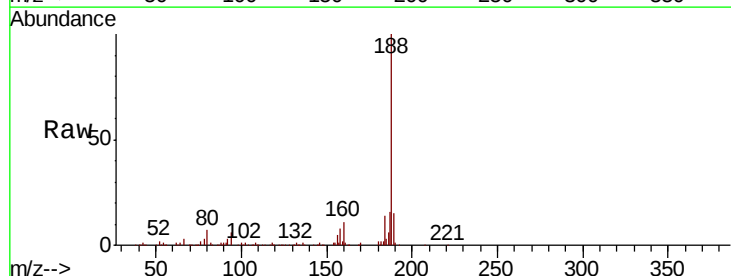


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

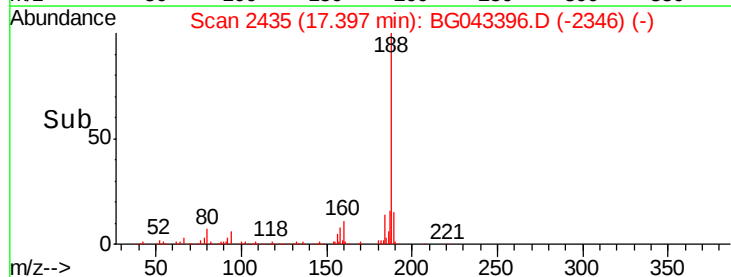
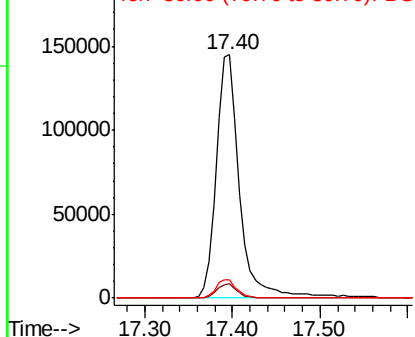


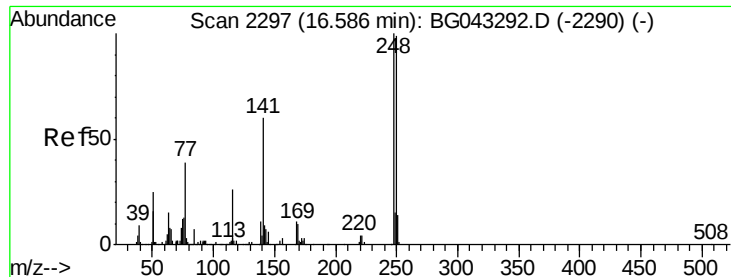
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	7.4	5.2	7.8



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

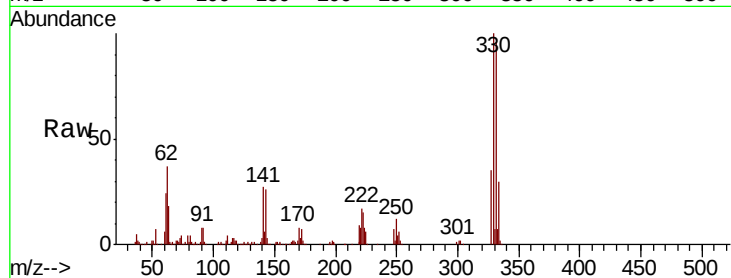




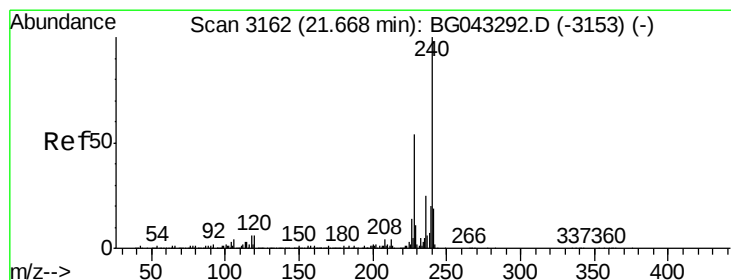
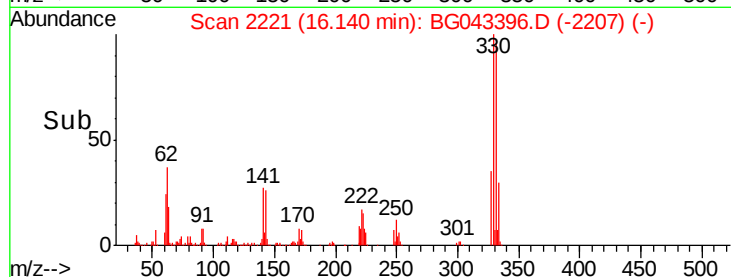
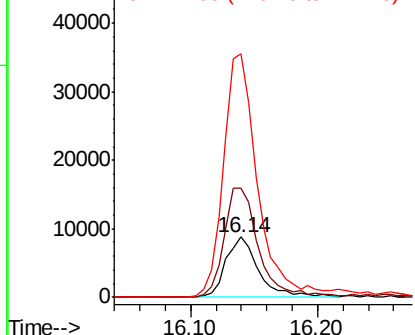
#67
4-Bromophenyl-phenylether
Concen: 4.383 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15747
Ion Ratio Lower Upper
248 100
250 180.8 79.3 118.9#
141 402.8 47.9 71.9#

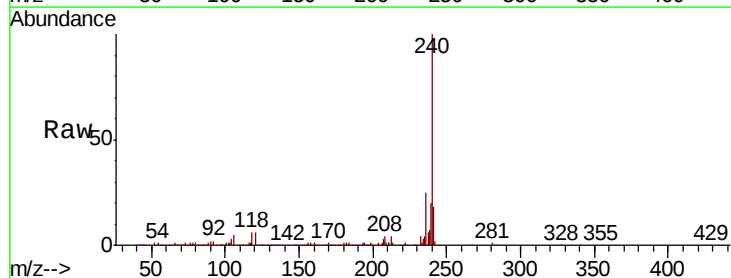


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

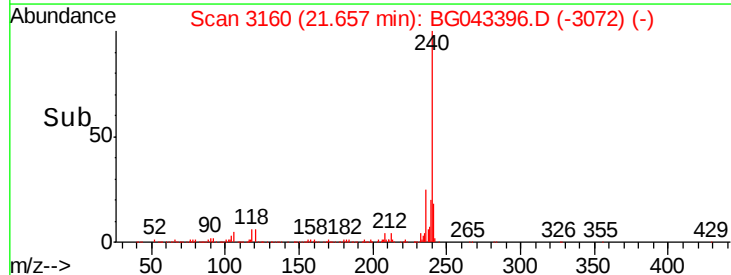
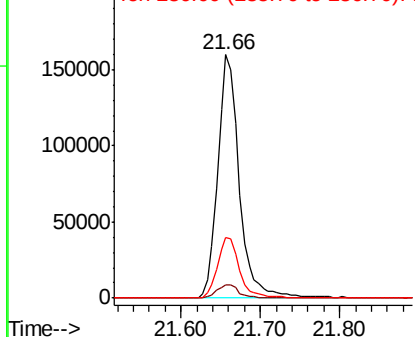


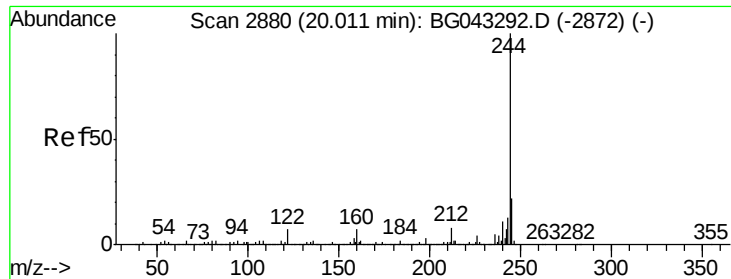
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Tgt Ion:240 Resp: 299658
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.7 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



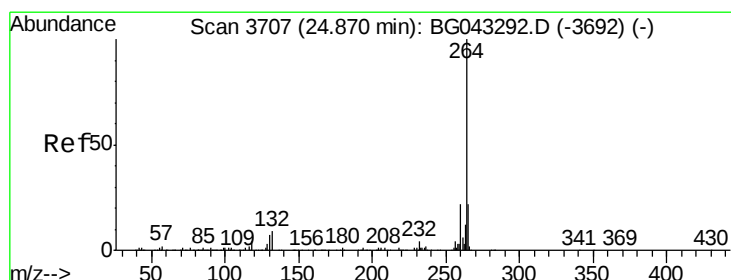
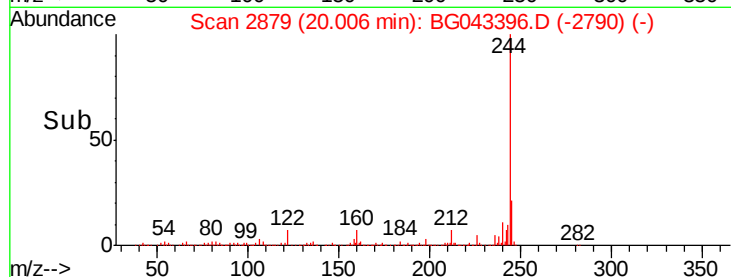
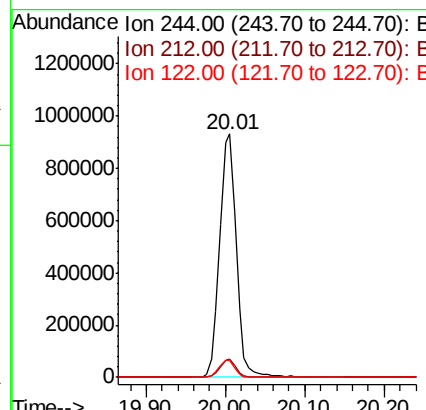
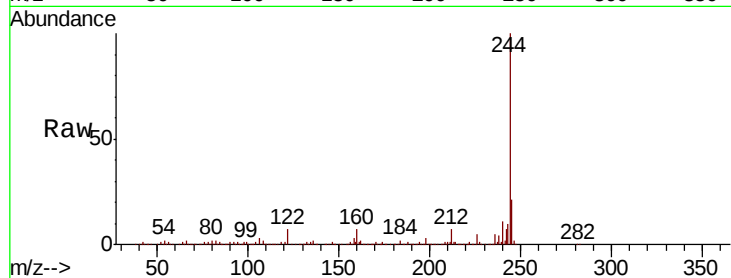


#79
 Terphenyl-d14
 Concen: 85.309 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1362613

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.0	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Tgt Ion:264 Resp: 348369

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.9	26.9
265	21.6	17.4	26.2

