

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043391.D
 Acq On : 30 Oct 2019 3:19
 Operator : JU
 Sample : K5140-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:27:27 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

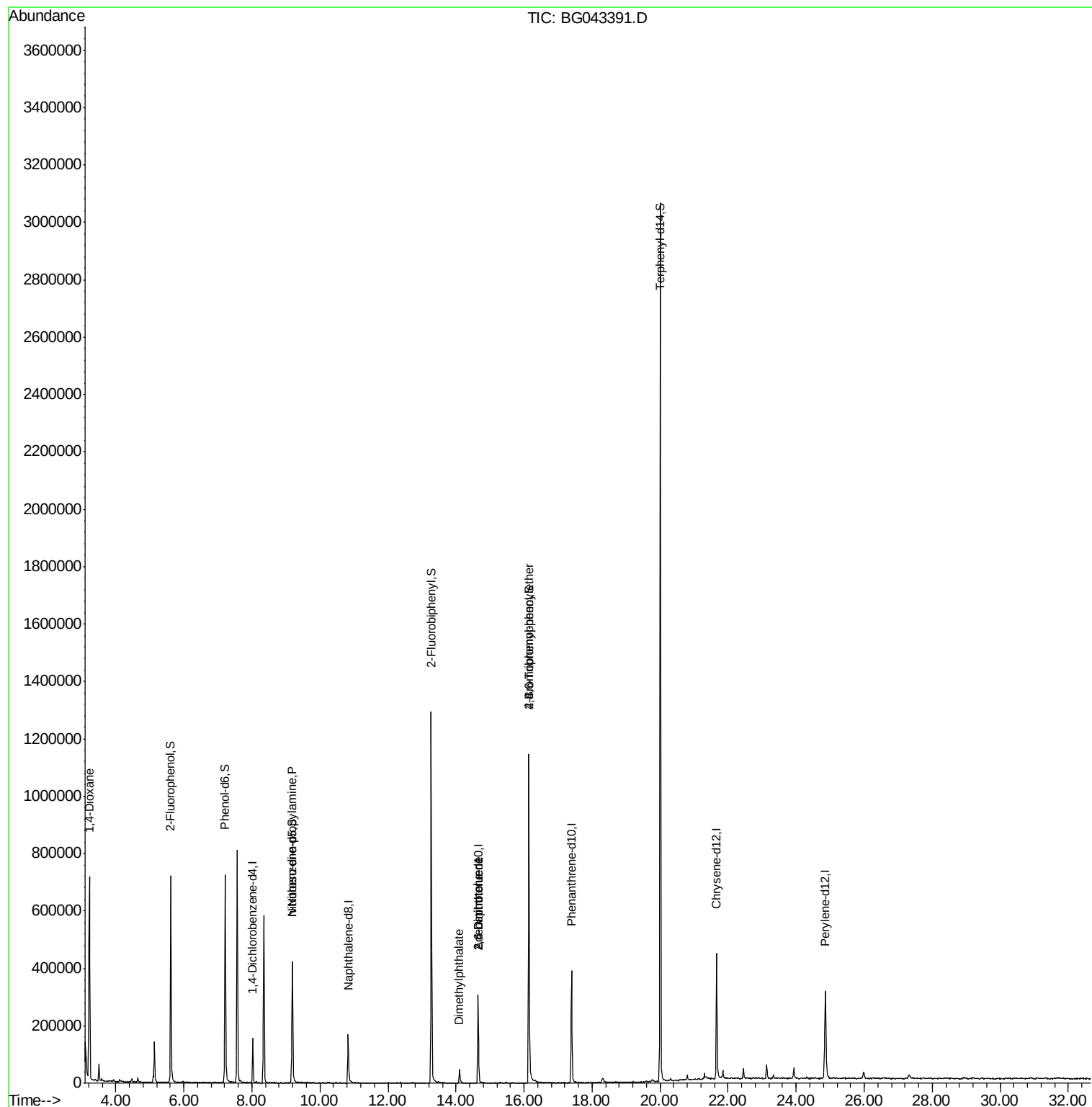
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45452	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168532	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120318	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270675	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297639	20.00	ng	0.00
87) Perylene-d12	24.86	264	351005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331405	133.61	ng	0.01
7) Phenol-d6	7.21	99	450582	126.26	ng	0.01
23) Nitrobenzene-d5	9.19	82	282800	86.51	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301034	131.48	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	773656	88.85	ng	0.00
79) Terphenyl-d14	20.01	244	1537679	96.92	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	8653	8.952	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	39236	17.015	ng	# 77
50) Dimethylphthalate	14.10	163	41539	4.457	ng	# 95
51) 2,6-Dinitrotoluene	14.65	165	17255	8.523	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	17255	5.964	ng	# 25
67) 4-Bromophenyl-phenylether	16.14	248	18918	5.193	ng	# 1

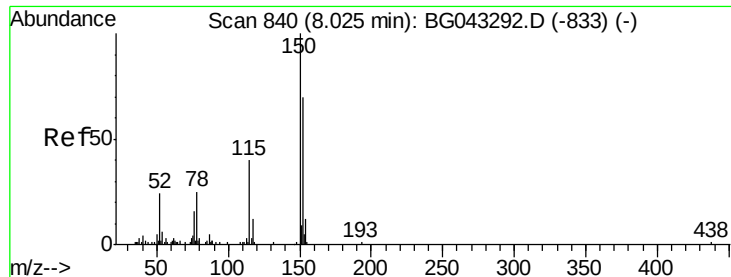
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043391.D
Acq On : 30 Oct 2019 3:19
Operator : JU
Sample : K5140-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 30 06:27:27 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



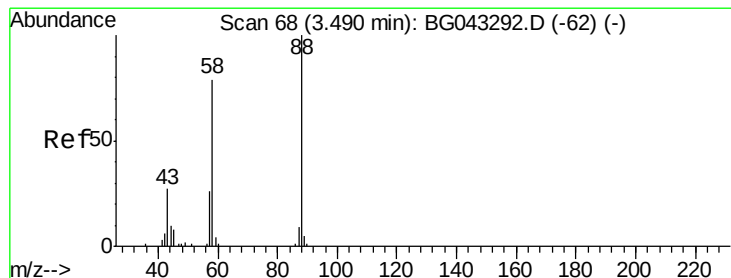
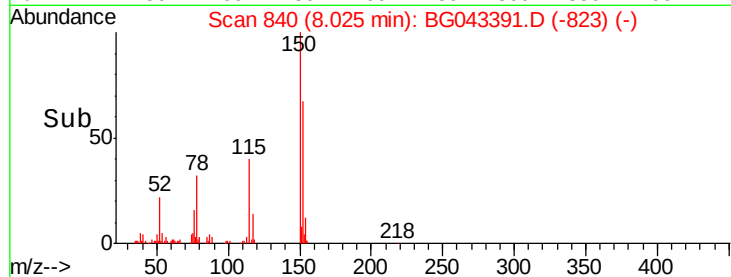
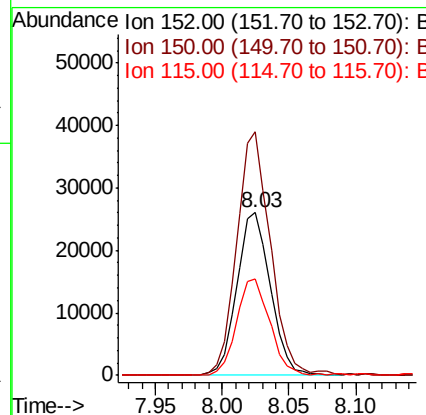
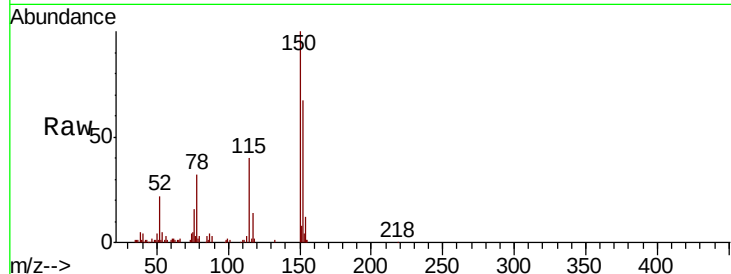


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :

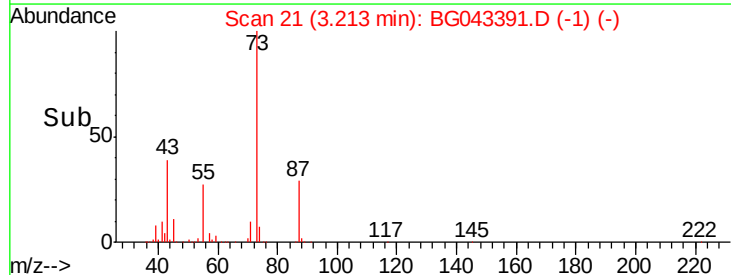
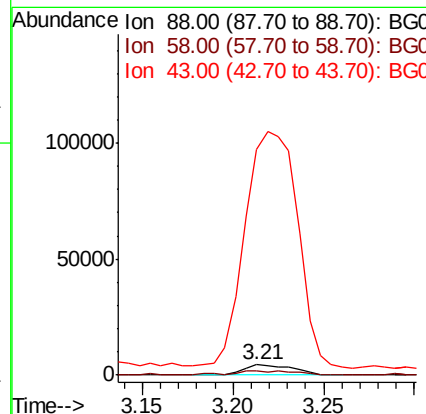
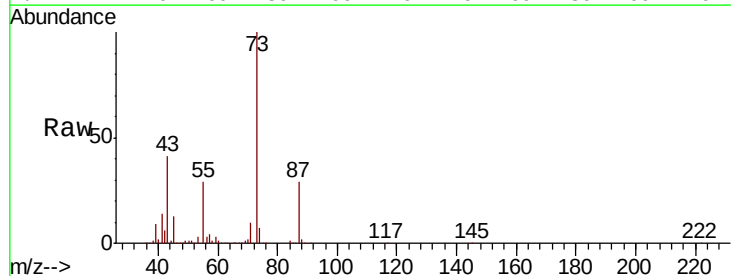
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	113.6	170.4
115	59.1	45.9	68.9

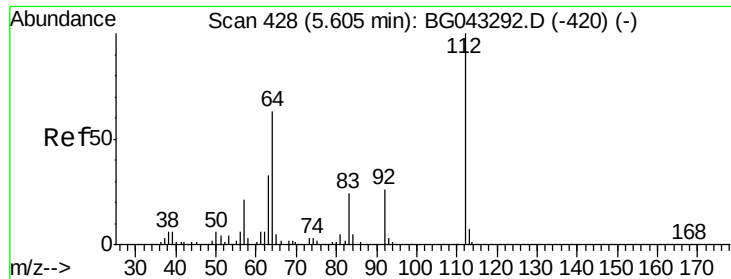


#2

1,4-Dioxane
Concen: 8.952 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.28 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.1	60.2	90.2#
43	2372.4	22.7	34.1#





#5

2-Fluorophenol

Concen: 133.610 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampled :

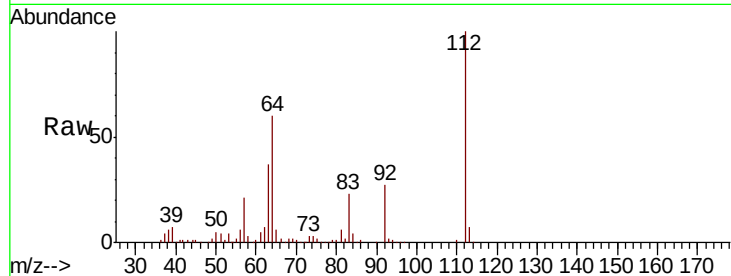
Tot Ion:112 Resp: 331405

Ion Ratio Lower Upper

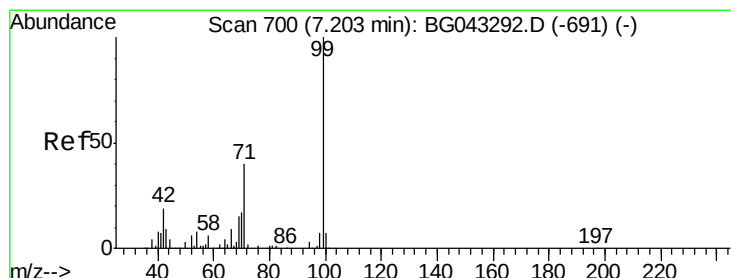
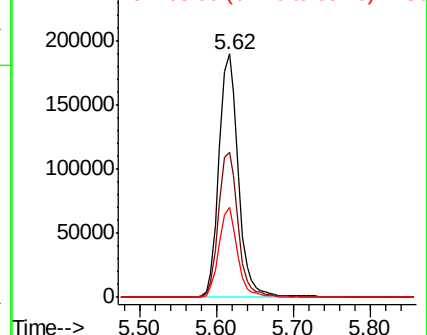
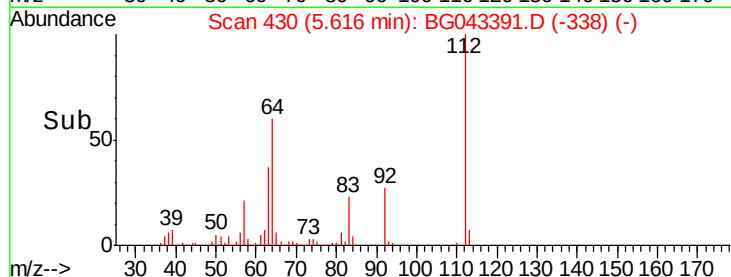
112 100

64 59.6 50.2 75.2

63 36.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 126.259 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

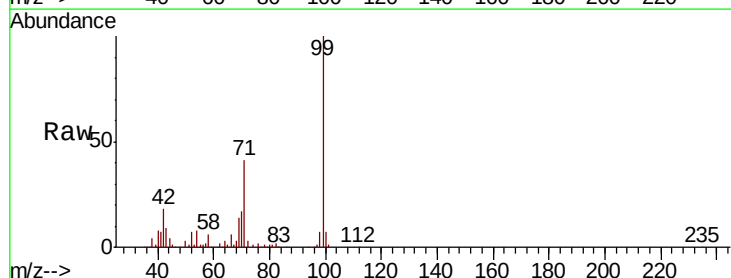
Tgt Ion: 99 Resp: 450582

Ion Ratio Lower Upper

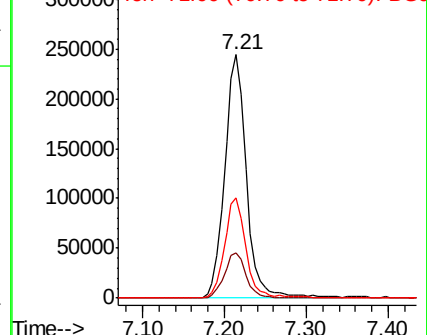
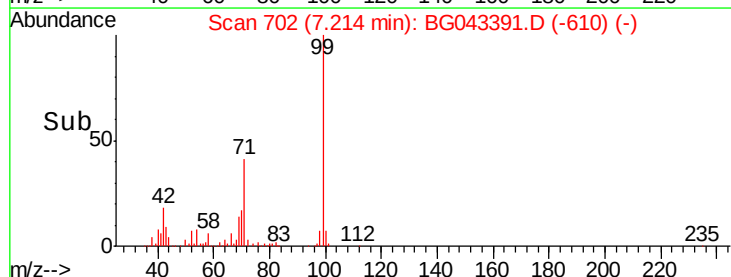
99 100

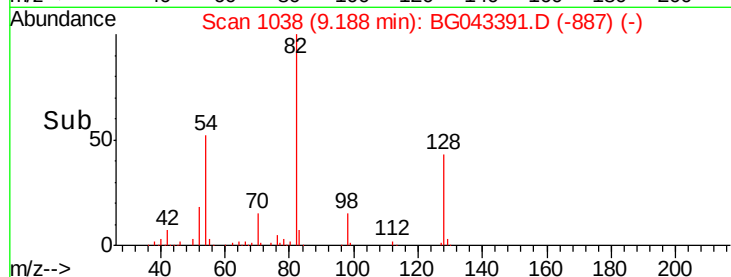
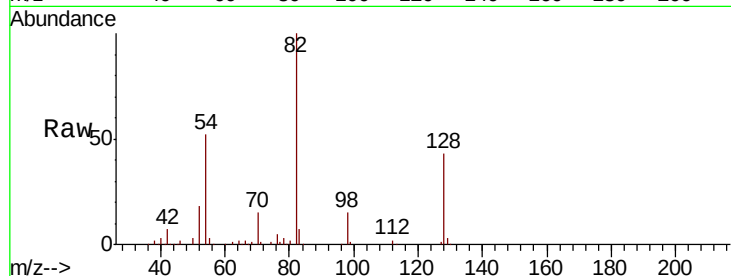
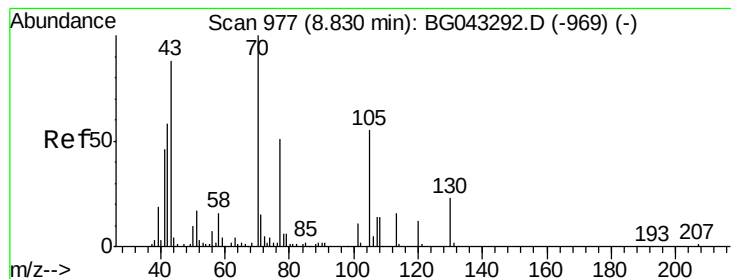
42 18.4 14.9 22.3

71 41.1 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





#19

n-Nitroso-di-n-propylamine

Concen: 17.015 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 39236

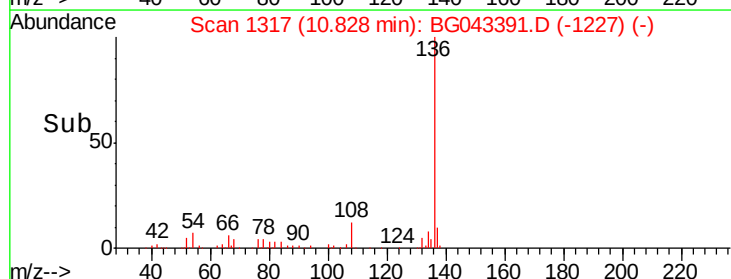
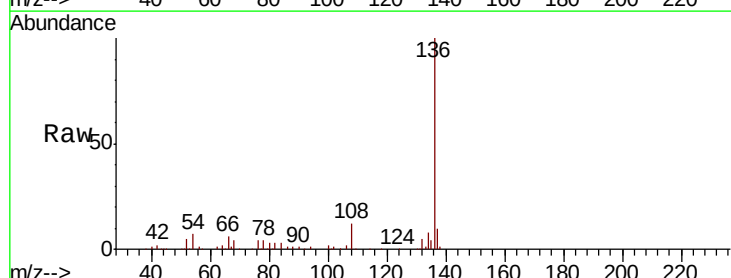
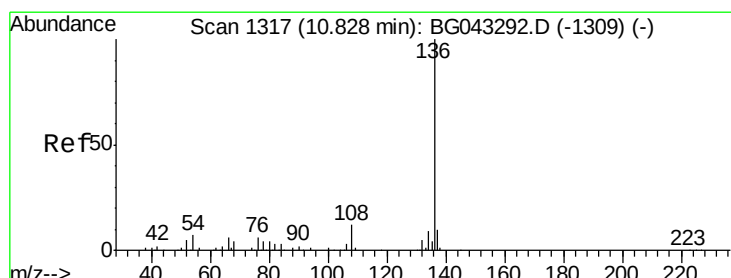
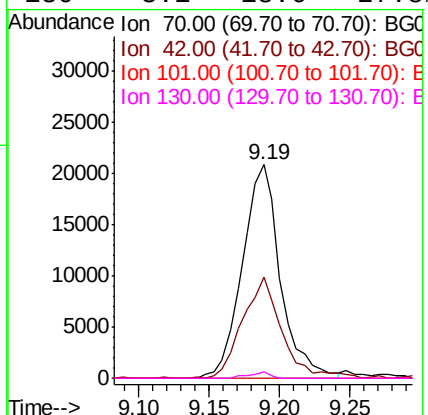
Ion Ratio Lower Upper

70 100

42 47.1 46.2 69.2

101 0.0 8.6 13.0#

130 3.1 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: BG043391.D

Acq: 30 Oct 2019 3:19

Tgt Ion: 136 Resp: 168532

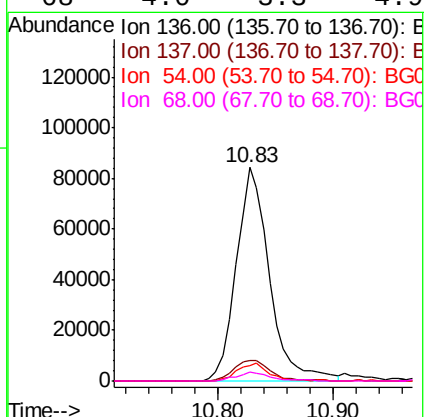
Ion Ratio Lower Upper

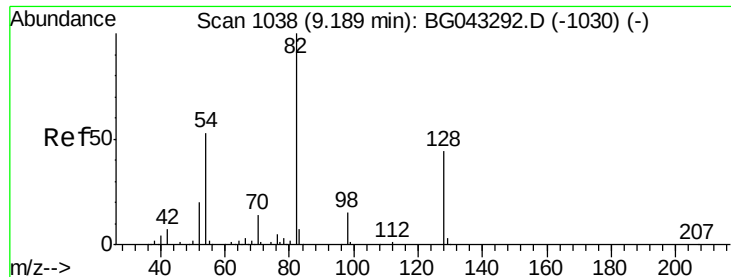
136 100

137 9.9 8.2 12.2

54 7.0 5.4 8.2

68 4.0 3.3 4.9

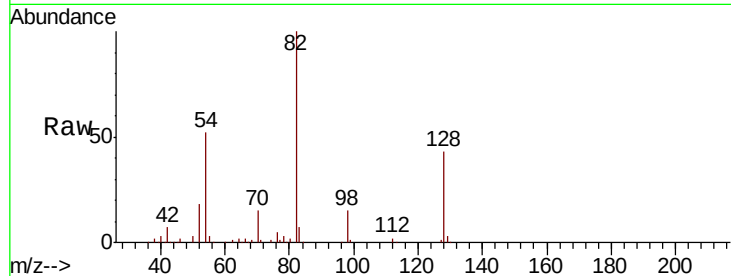




#23
Nitrobenzene-d5
Concen: 86.509 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	282800
Ion Ratio	100	Lower	Upper
128	43.0	35.3	52.9
54	51.9	42.3	63.5

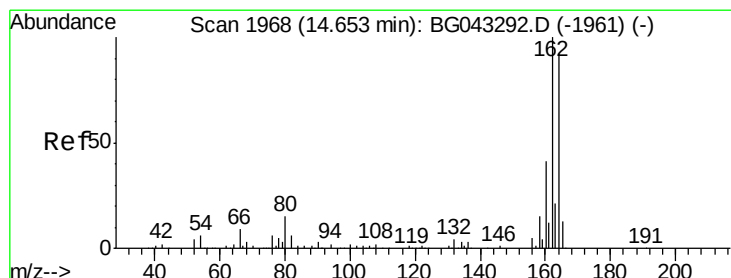
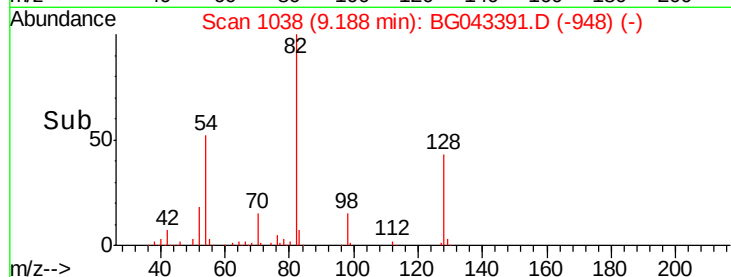
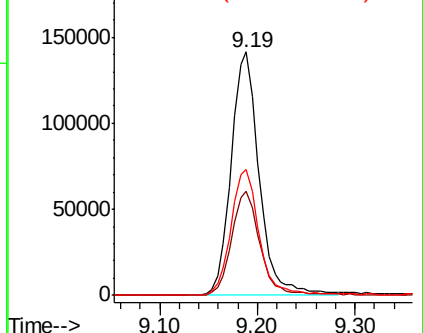


Abundance

Ion 82.00 (81.70 to 82.70): BGC

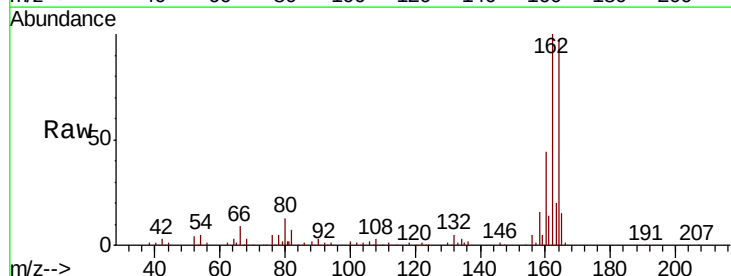
Ion 128.00 (127.70 to 128.70): BGC

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: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion	164	Resp	120318
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.7	87.0	130.4
160	45.6	35.5	53.3

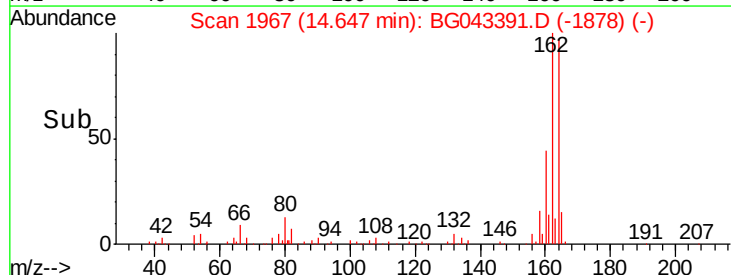
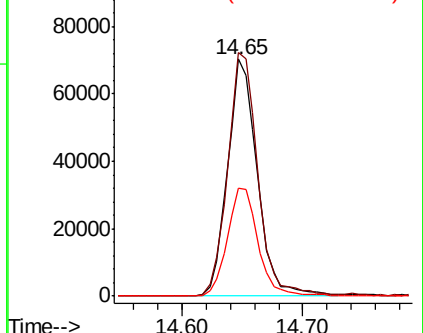


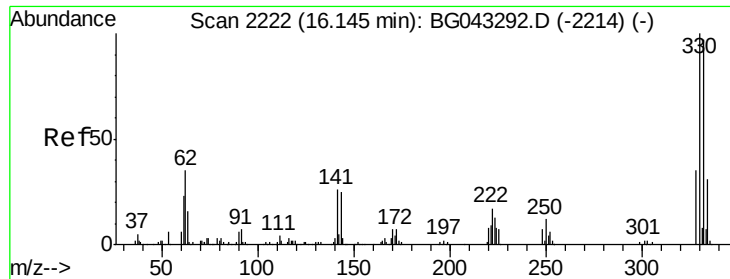
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

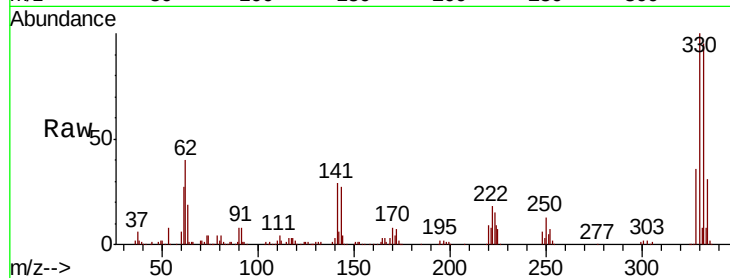




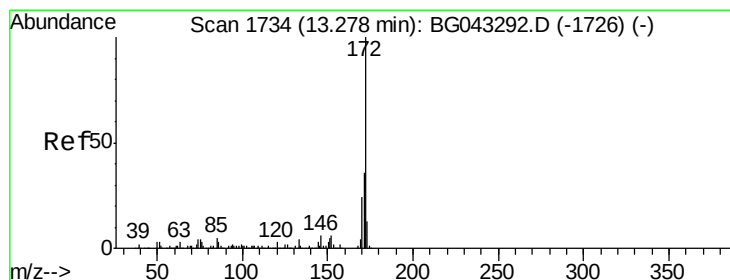
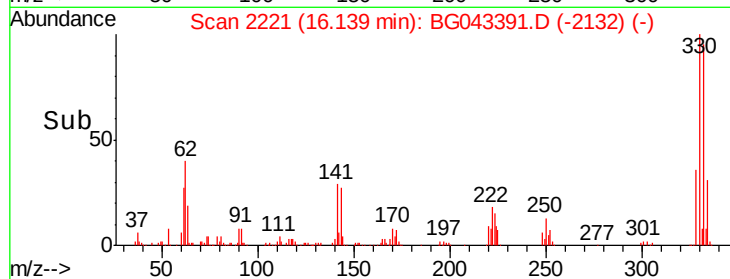
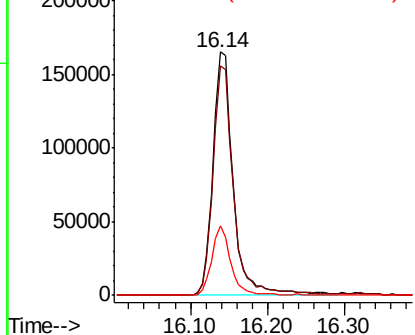
#42
 2,4,6-Tribromophenol
 Concen: 131.476 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 301034
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.4 114.6
 141 26.6 21.4 32.0

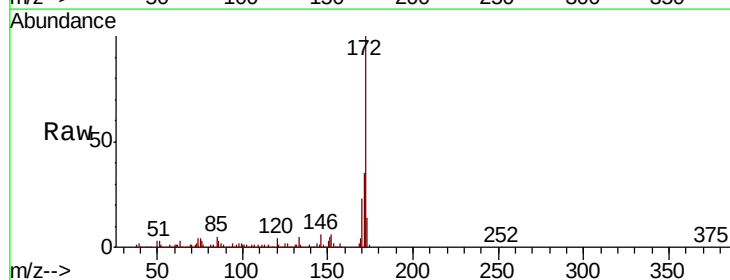


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

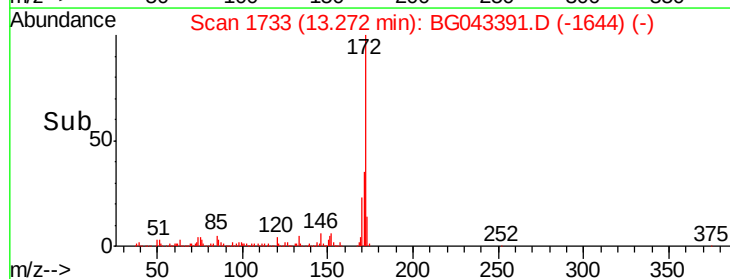
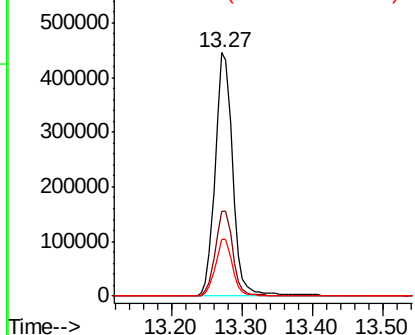


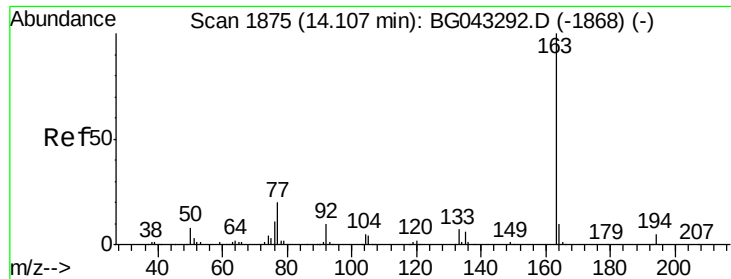
#45
 2-Fluorobiphenyl
 Concen: 88.851 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Tgt Ion:172 Resp: 773656
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.3 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

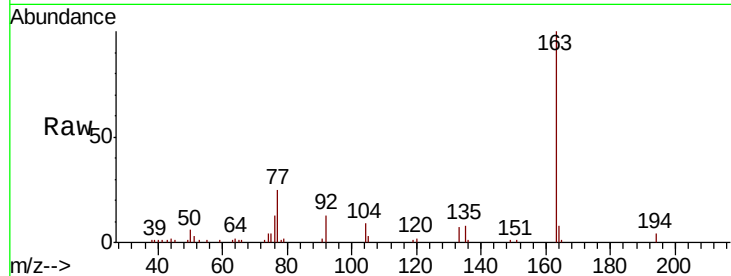




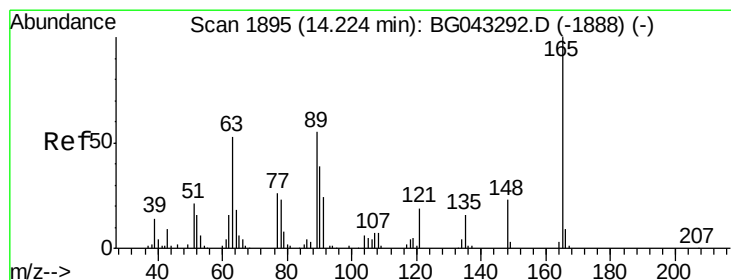
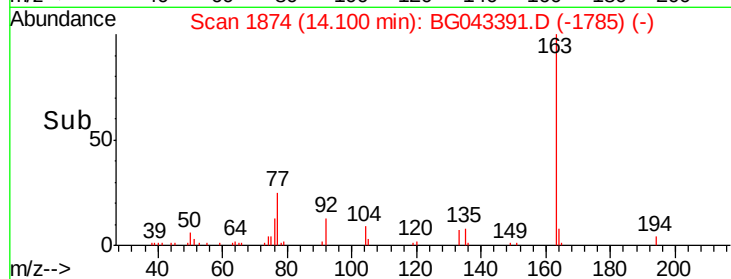
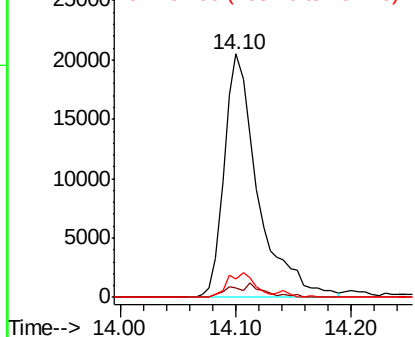
#50
Dimethylphthalate
Concen: 4.457 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 41539
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 7.7 8.1 12.1#

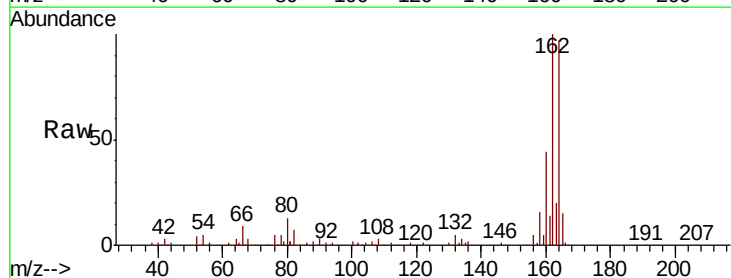


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

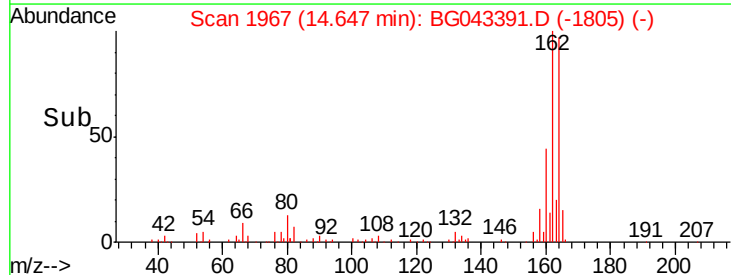
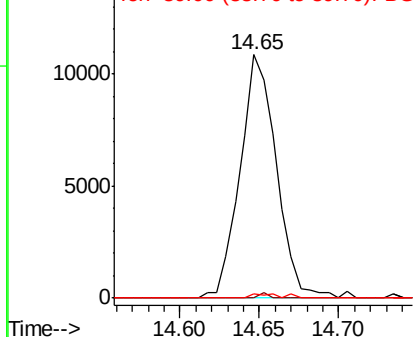


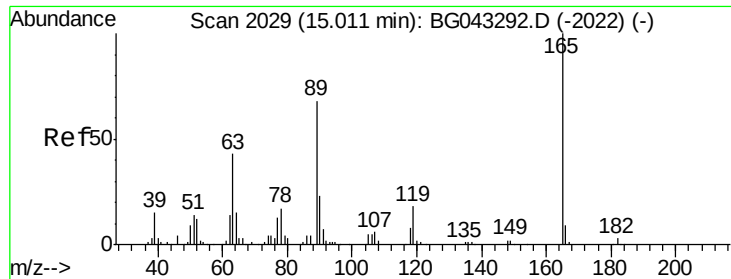
#51
2,6-Dinitrotoluene
Concen: 8.523 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.42 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:165 Resp: 17255
Ion Ratio Lower Upper
165 100
63 0.0 47.1 70.7#
89 2.0 43.7 65.5#



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

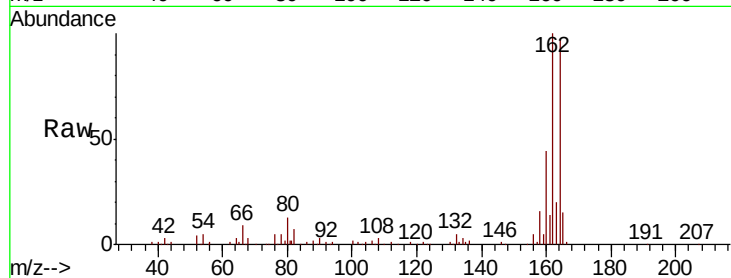




#57
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	17255
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	2.0	54.1	81.1#
182	0.0	2.2	3.2#

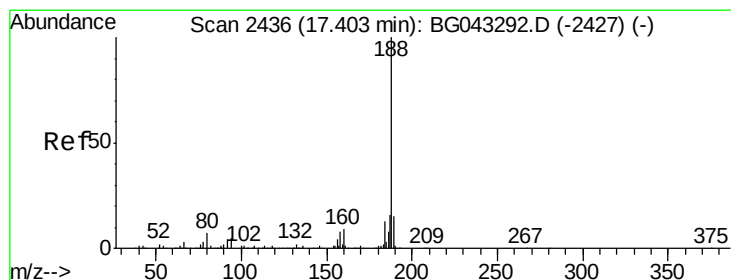
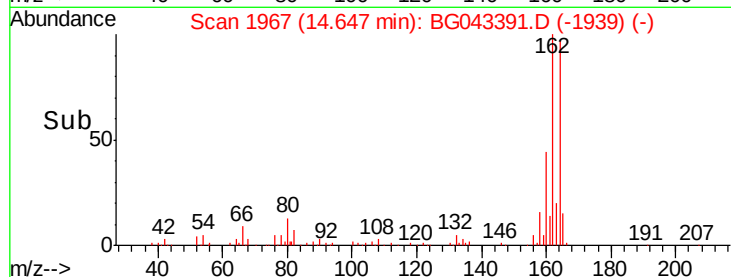
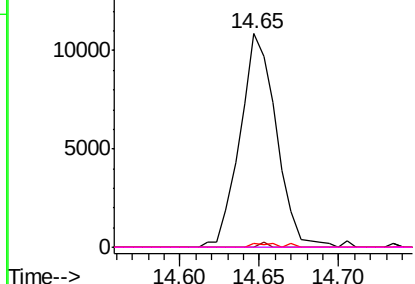


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

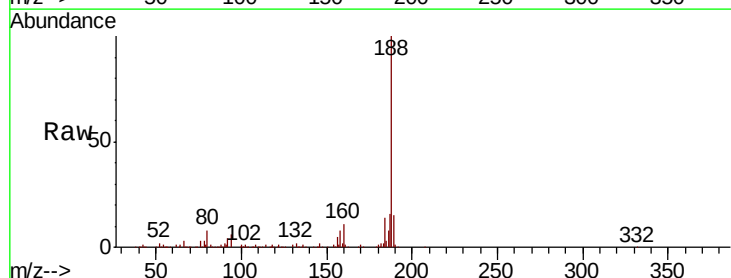
Ion 89.00 (88.70 to 89.70): BGC

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: BG043391.D
 Acq: 30 Oct 2019 3:19

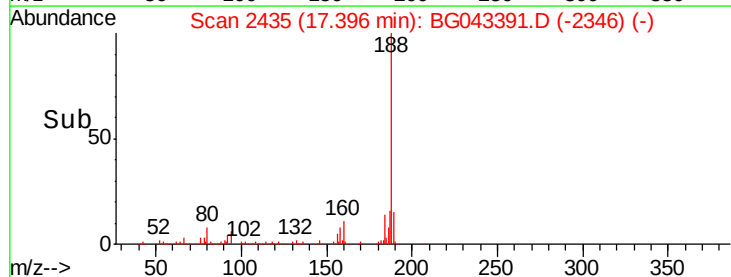
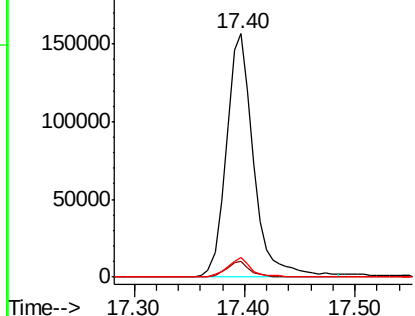
Tgt Ion:	188	Resp:	270675
Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.2
80	7.8	5.2	7.8#

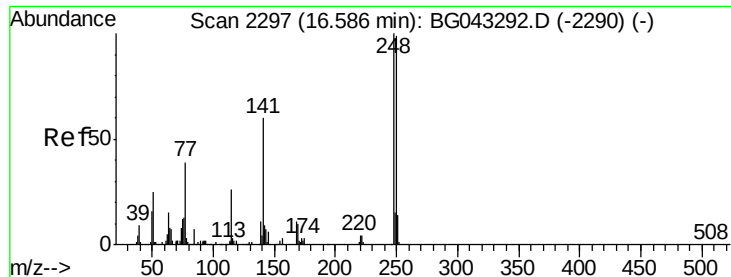


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

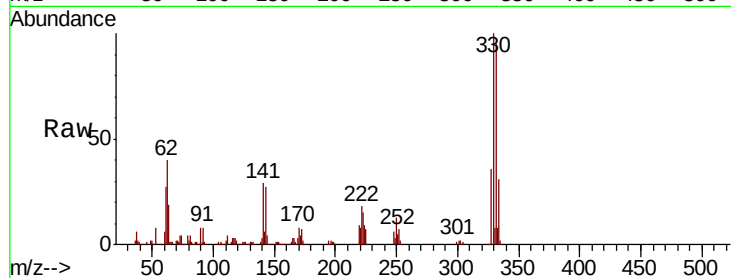




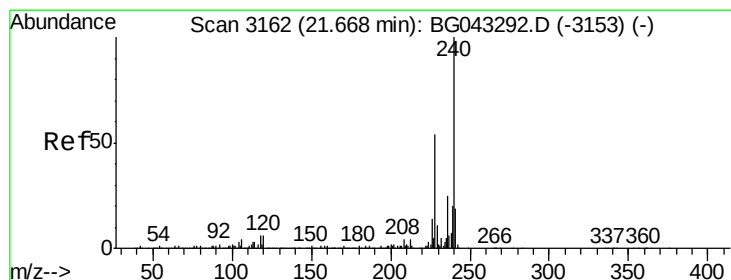
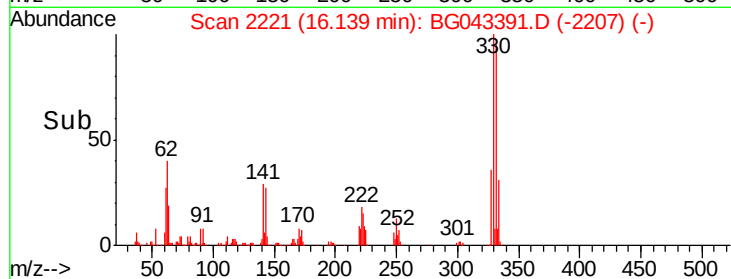
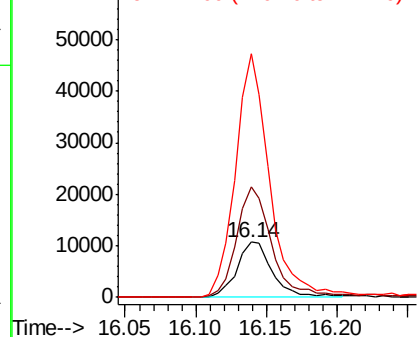
#67
4-Bromophenyl-phenylether
Concen: 5.193 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18918
Ion Ratio Lower Upper
248 100
250 201.3 79.3 118.9#
141 441.1 47.9 71.9#

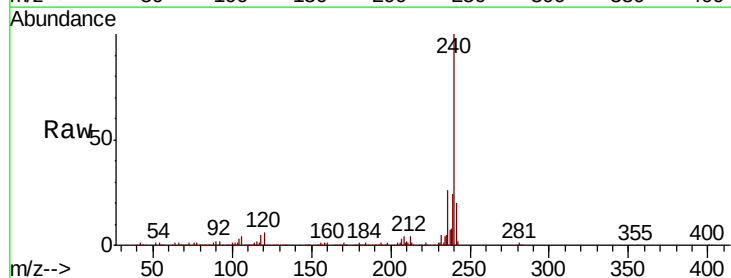


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

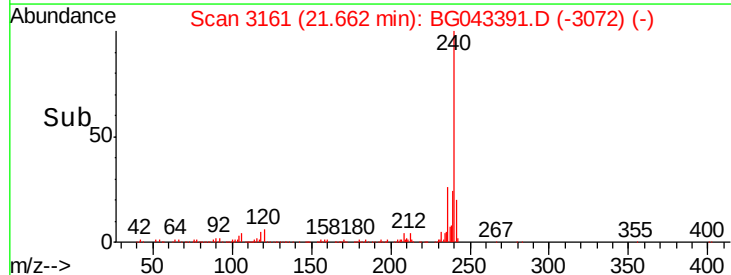
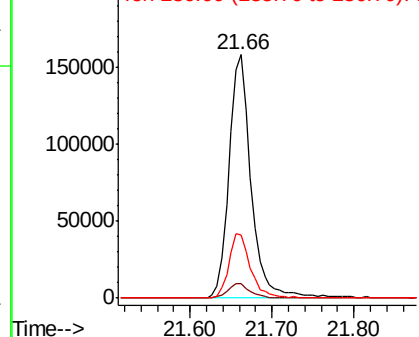


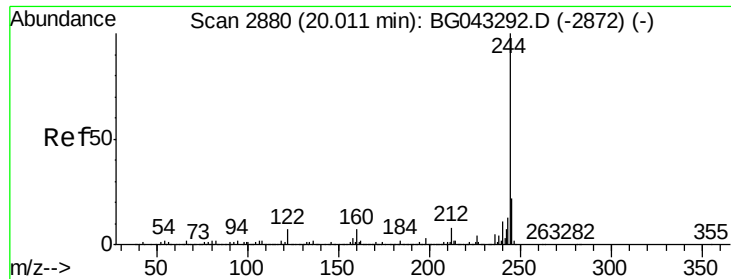
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:240 Resp: 297639
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.7 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



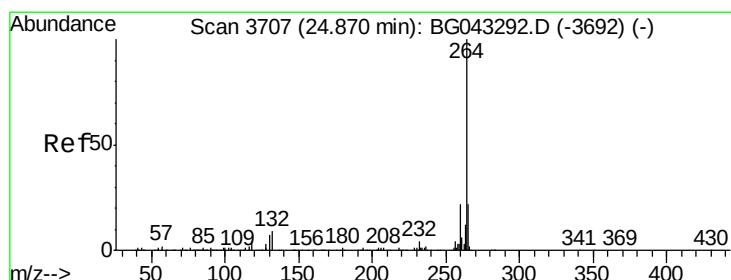
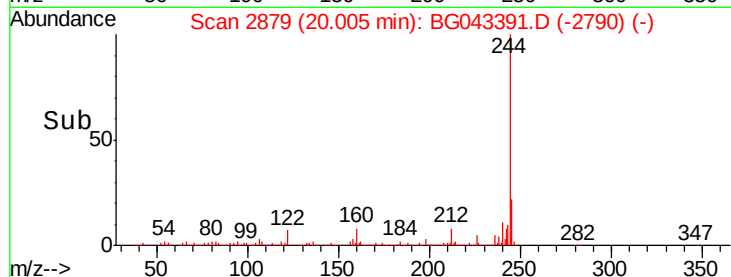
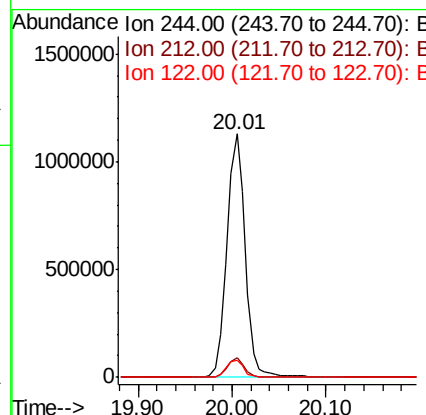
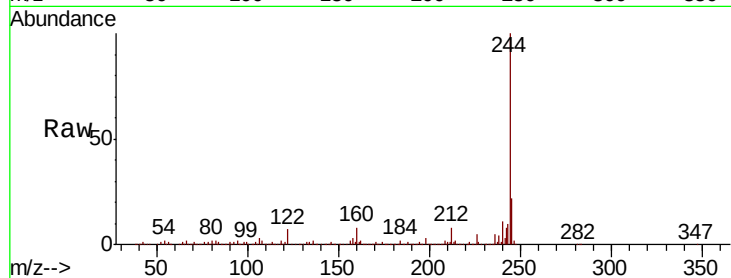


#79
 Terphenyl-d14
 Concen: 96.922 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1537679

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	7.1	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Tgt Ion:264 Resp: 351005

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.9	26.9
265	21.3	17.4	26.2

