

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043334.D
 Acq On : 24 Oct 2019 16:53
 Operator : JU
 Sample : K5497-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 17:55:13 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

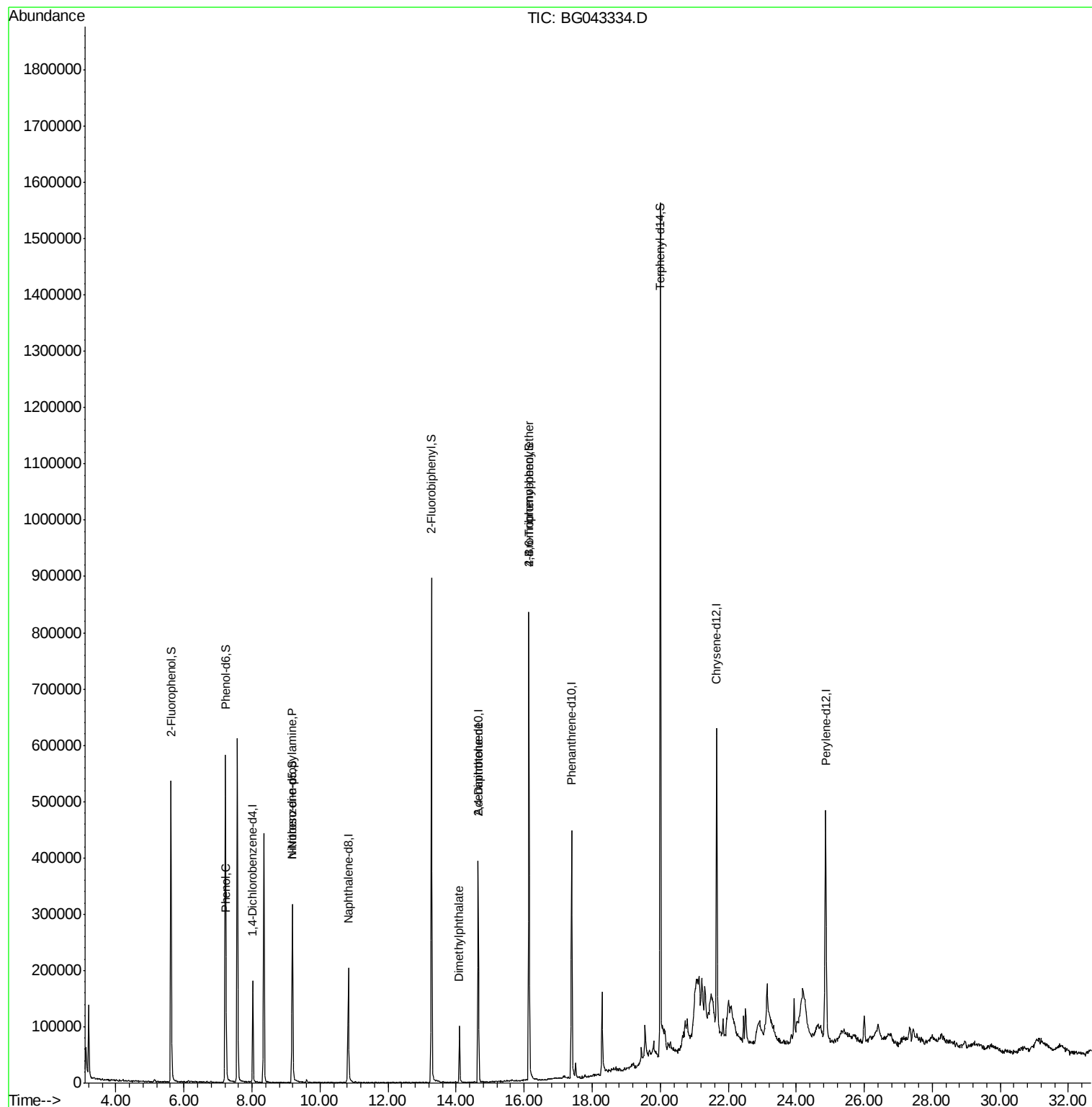
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	51464	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	193477	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	139388	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	314176	20.00	ng	0.00
76) Chrysene-d12	21.66	240	359282	20.00	ng	0.00
87) Perylene-d12	24.86	264	427179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	257332	91.63	ng	0.02
7) Phenol-d6	7.22	99	370753	91.75	ng	0.02
23) Nitrobenzene-d5	9.19	82	222599	59.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	211315	79.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	502786	49.84	ng	0.00
79) Terphenyl-d14	20.00	244	815648	42.59	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9864	2.671	ng	# 77
19) n-Nitroso-di-n-propylamine	9.19	70	31177	11.940	ng	# 73
50) Dimethylphthalate	14.10	163	70768	6.555	ng	# 98
57) 2,4-Dinitrotoluene	14.65	165	18644	5.562	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	12997	3.074	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043334.D
Acq On : 24 Oct 2019 16:53
Operator : JU
Sample : K5497-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 17:55:13 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



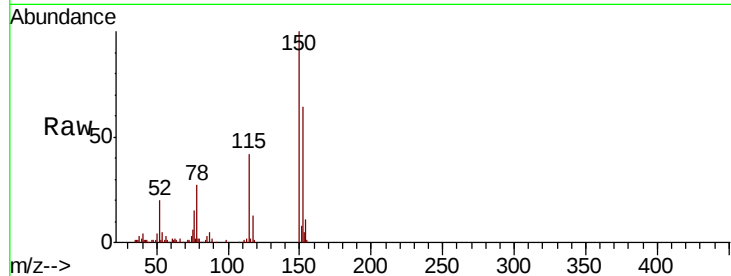


#1

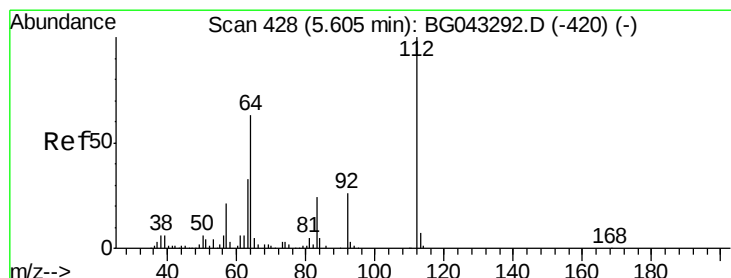
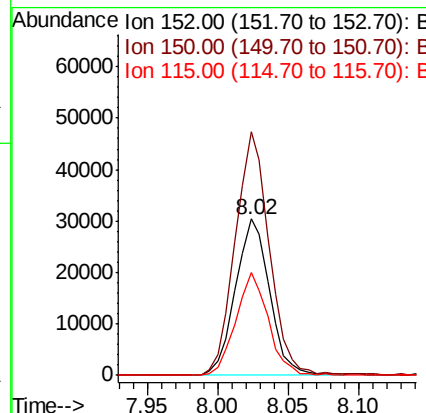
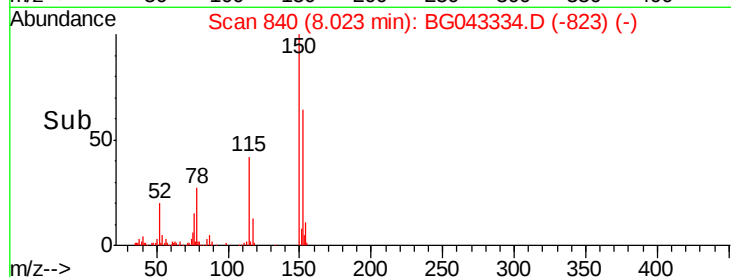
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51464
Ion Ratio Lower Upper
152 100
150 156.0 113.6 170.4
115 65.7 45.9 68.9



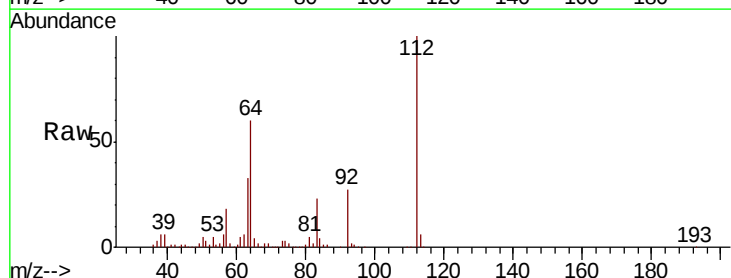
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



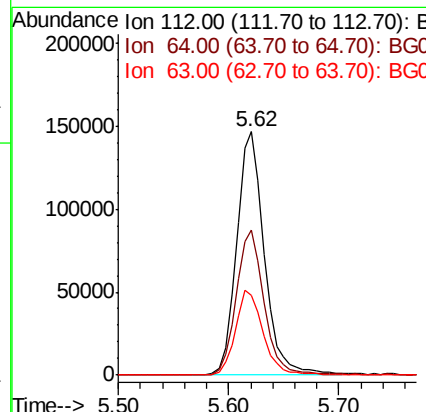
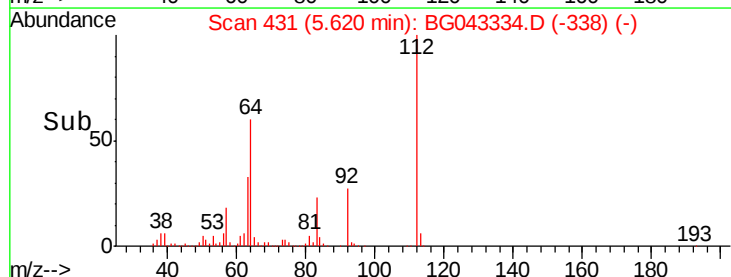
#5

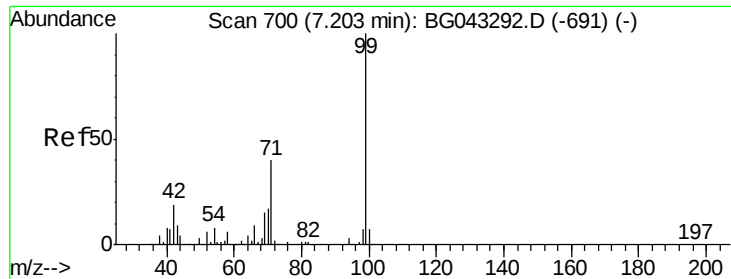
2-Fluorophenol
Concen: 91.627 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.02 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion:112 Resp: 257332
Ion Ratio Lower Upper
112 100
64 59.5 50.2 75.2
63 32.9 26.7 40.1



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





#7

Phenol-d6

Concen: 91.754 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampled :

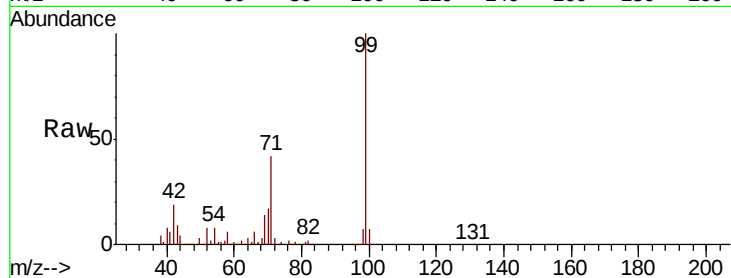
Tot Ion: 99 Resp: 370753

Ion Ratio Lower Upper

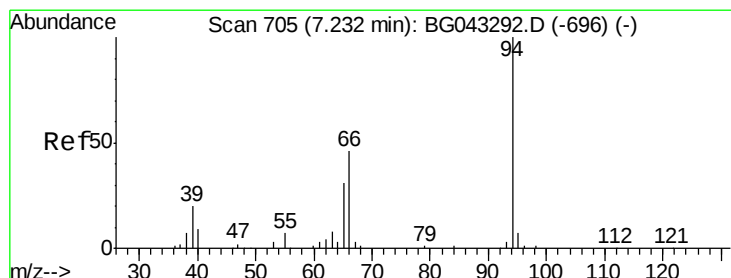
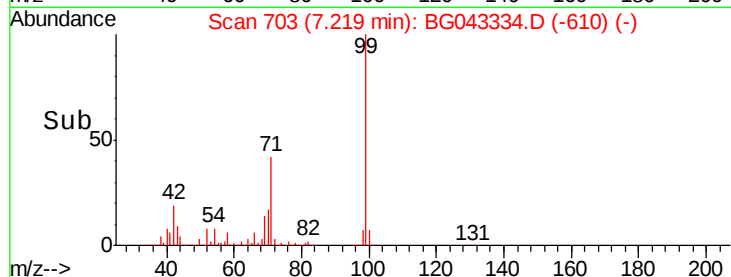
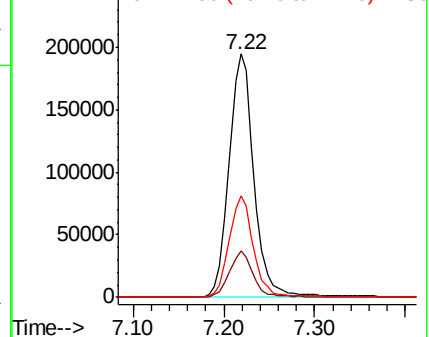
99 100

42 19.0 14.9 22.3

71 42.0 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: 2.671 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

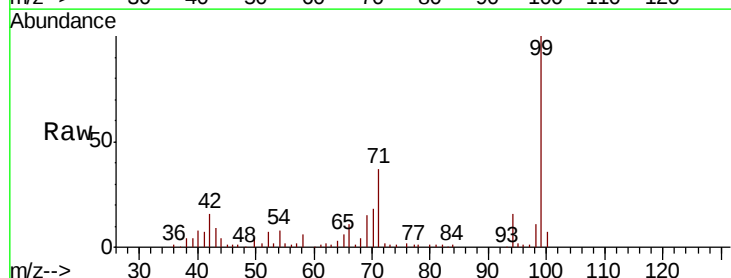
Tgt Ion: 94 Resp: 9864

Ion Ratio Lower Upper

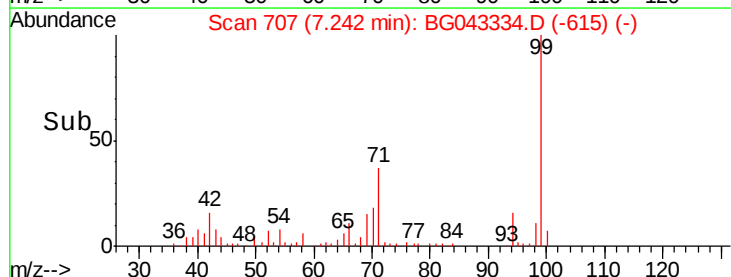
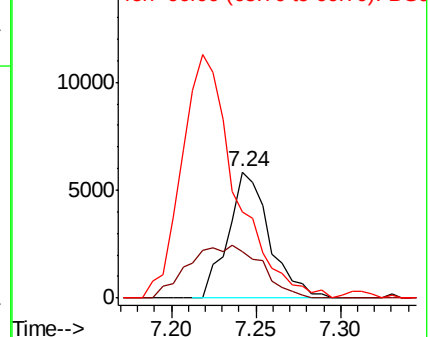
94 100

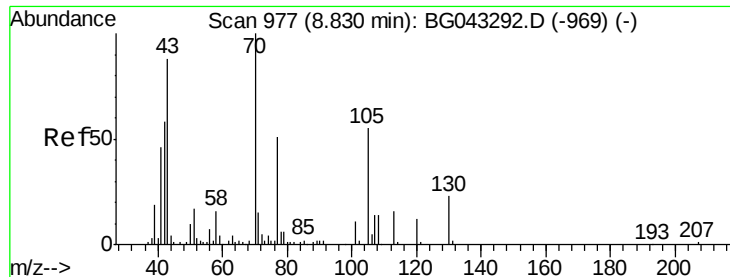
65 36.5 11.1 51.1

66 68.6 27.8 67.8#



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

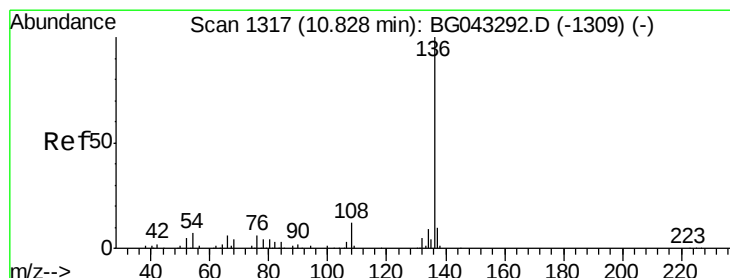
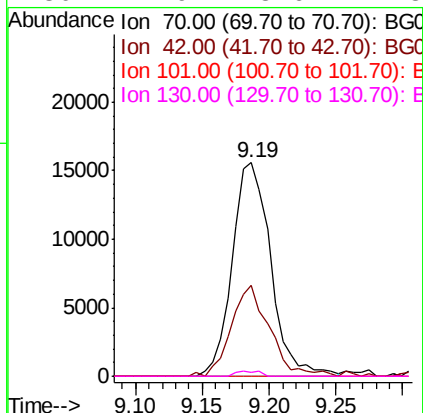
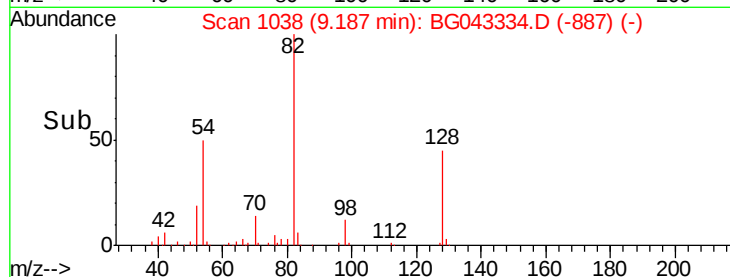
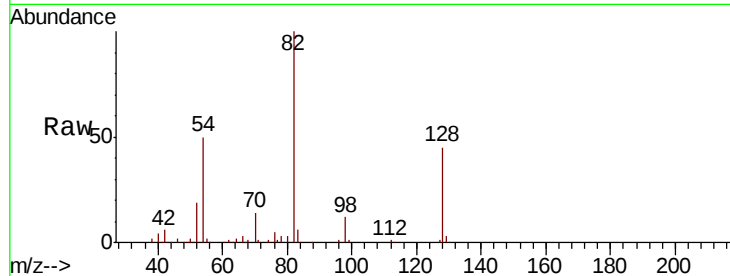




#19
n-Nitroso-di-n-propylamine
Concen: 11.940 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

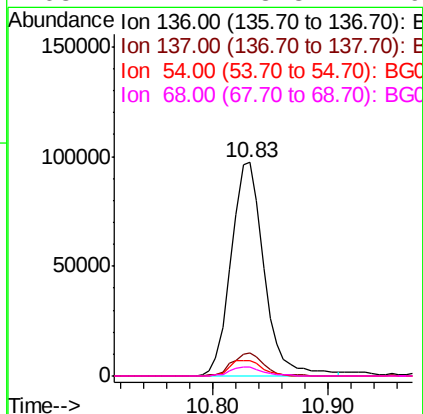
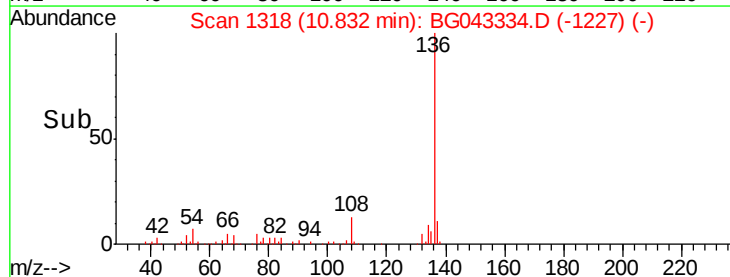
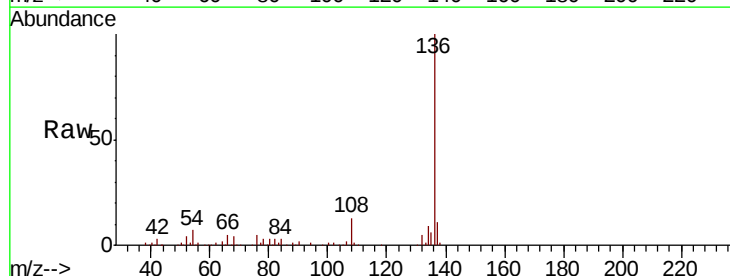
Instrument :
BNA_G
ClientSampleId :

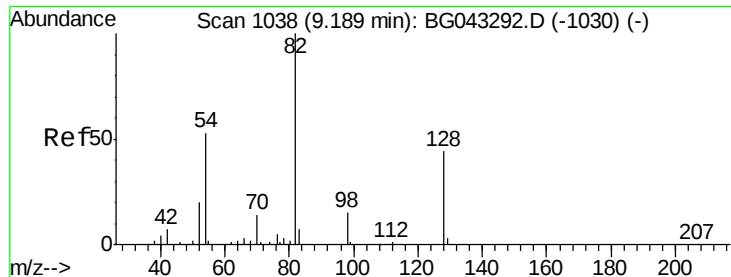
Tot Ion: 70 Resp: 31177
Ion Ratio Lower Upper
70 100
42 42.5 46.2 69.2#
101 0.0 8.6 13.0#
130 1.9 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion:136 Resp: 193477
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 7.5 5.4 8.2
68 4.1 3.3 4.9

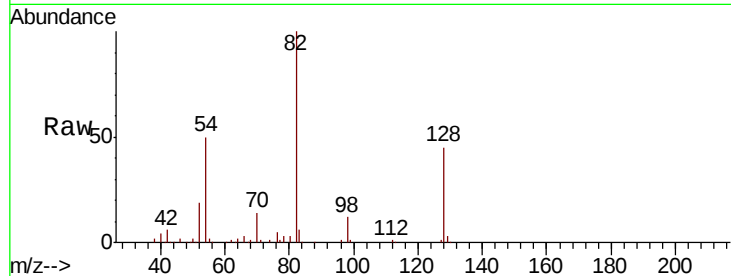




#23
Nitrobenzene-d5
Concen: 59.314 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	222599
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.3	52.9
54	50.0	42.3	63.5

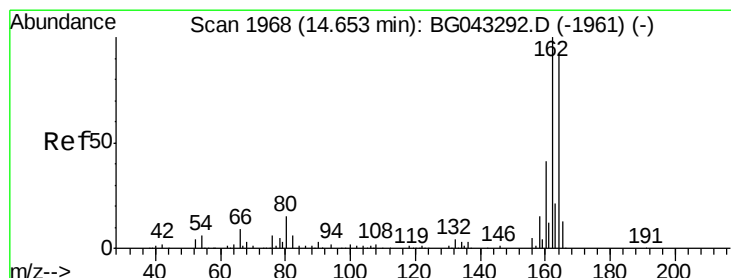
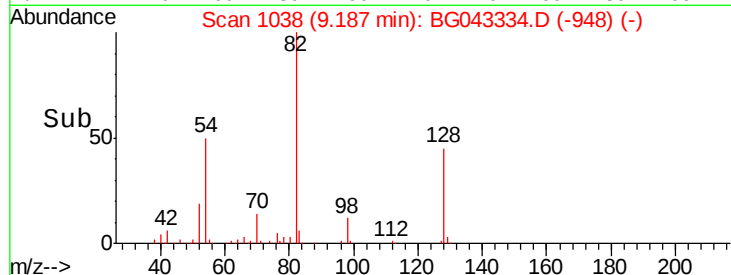
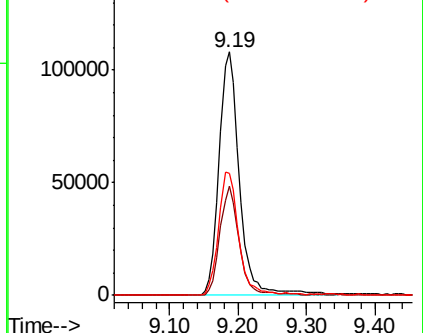


Abundance

Ion 82.00 (81.70 to 82.70): BGC

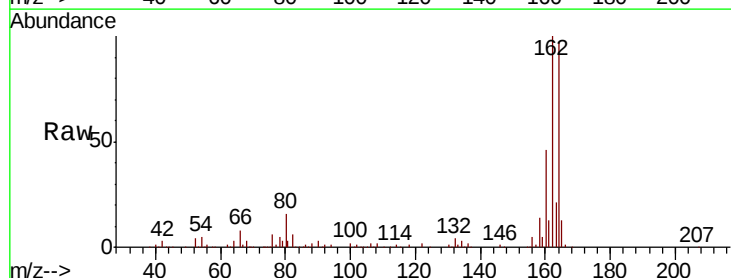
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion	164	Resp	139388
Ion Ratio	Lower	Upper	
164	100		
162	103.6	87.0	130.4
160	47.3	35.5	53.3

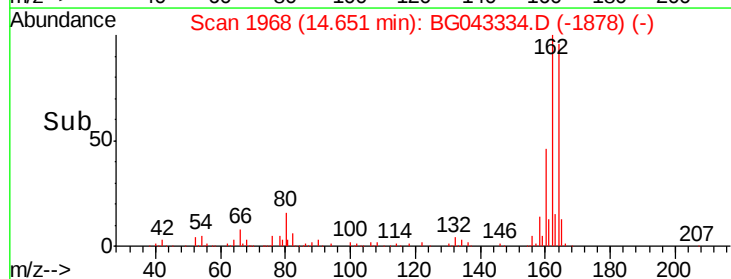
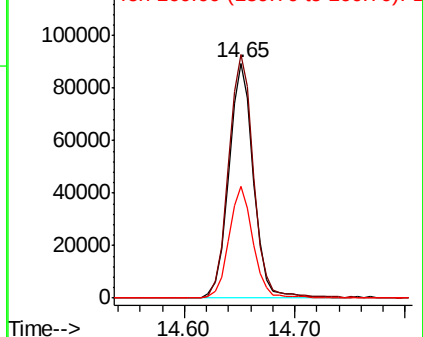


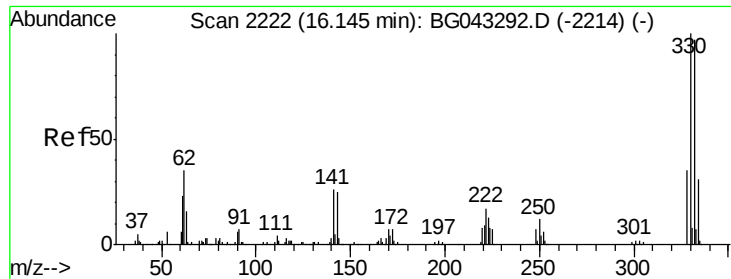
Abundance

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

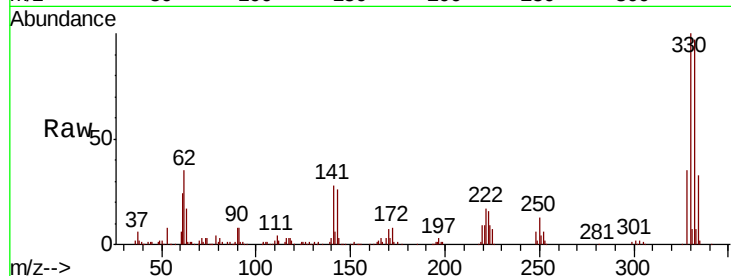




#42
 2,4,6-Tribromophenol
 Concen: 79.665 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.4	114.6
141	27.5	21.4	32.0

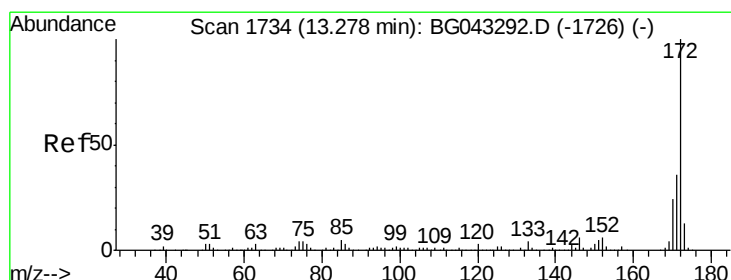
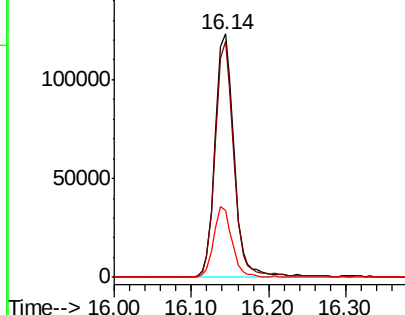
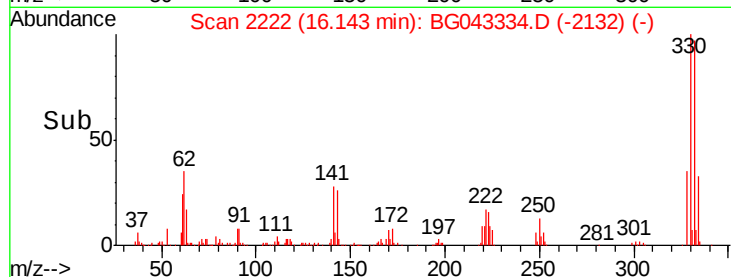


Abundance

Ion 329.80 (329.50 to 330.50): E

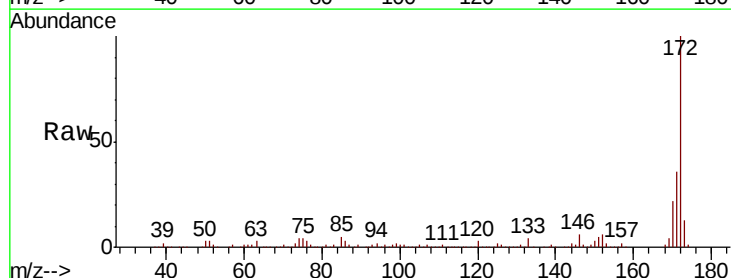
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 49.843 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	22.4	18.8	28.2

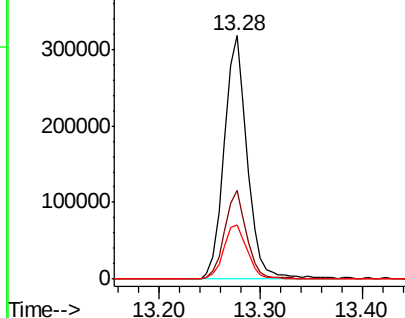
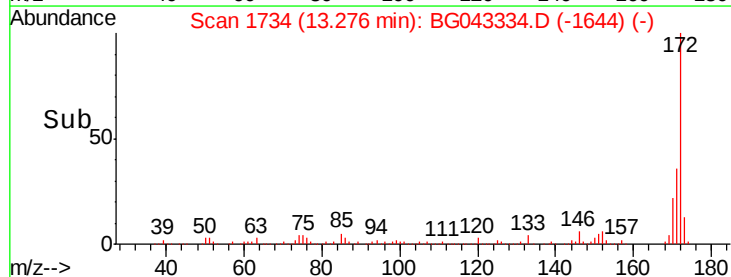


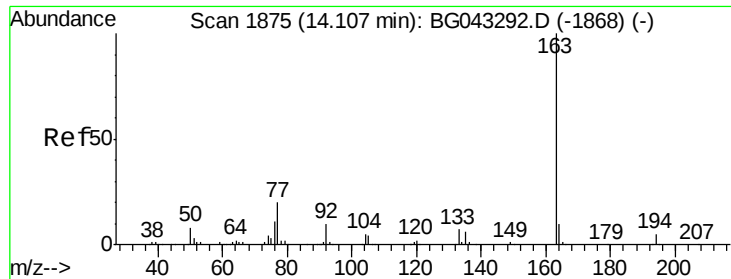
Abundance

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

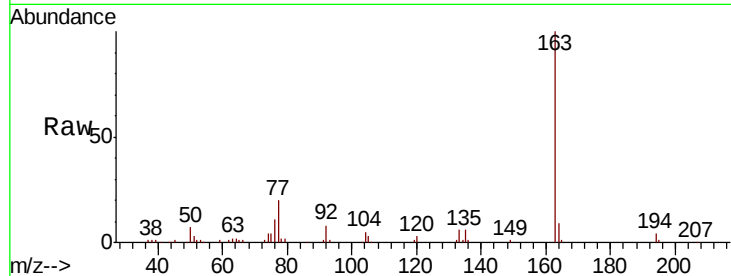




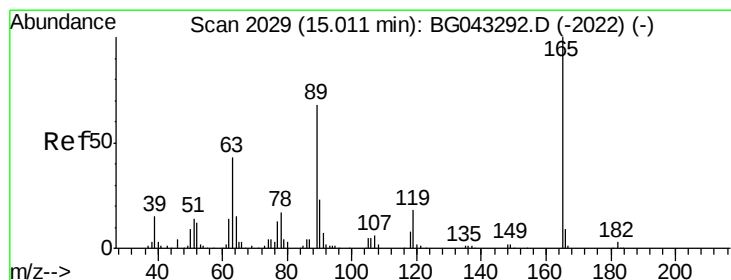
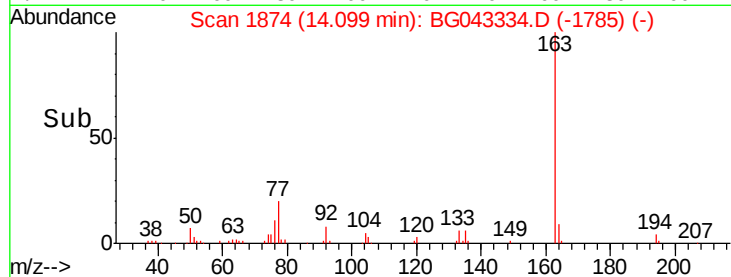
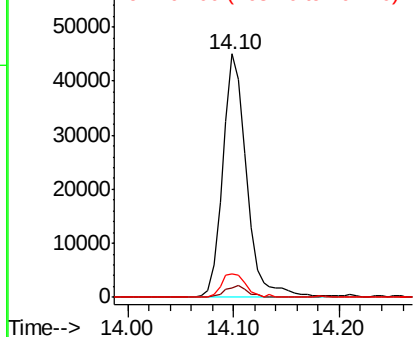
#50
Dimethylphthalate
Concen: 6.555 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 70768
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 9.4 8.1 12.1

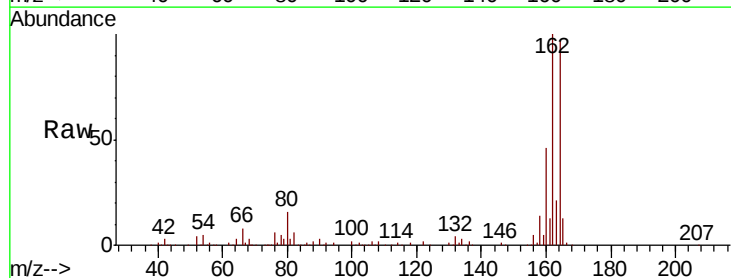


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

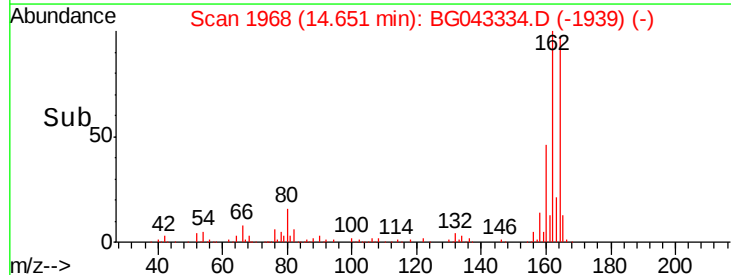
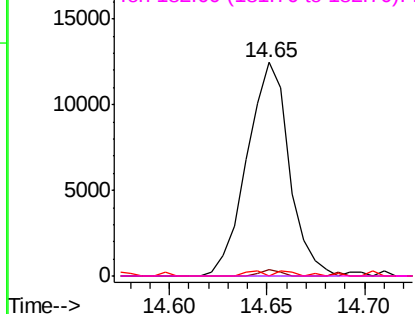


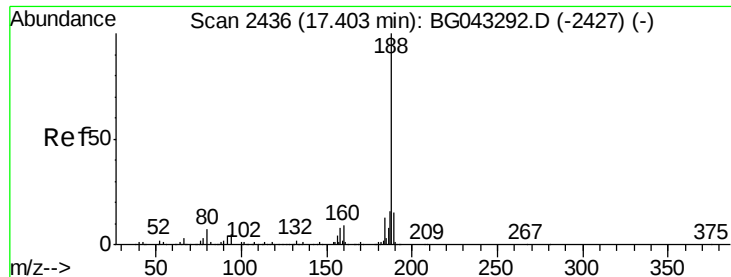
#57
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion:165 Resp: 18644
Ion Ratio Lower Upper
165 100
63 3.0 35.0 52.6#
89 0.0 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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampleId :

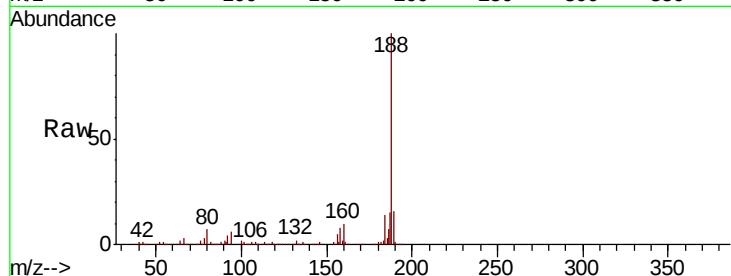
Tot Ion:188 Resp: 314176

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.2

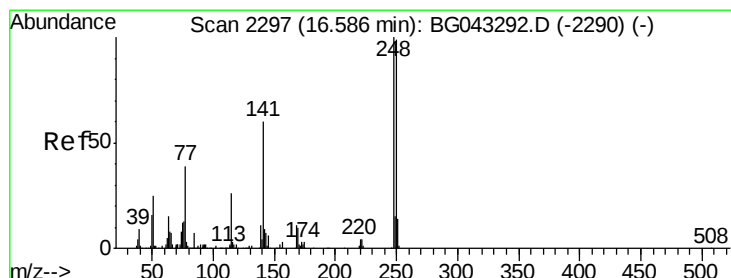
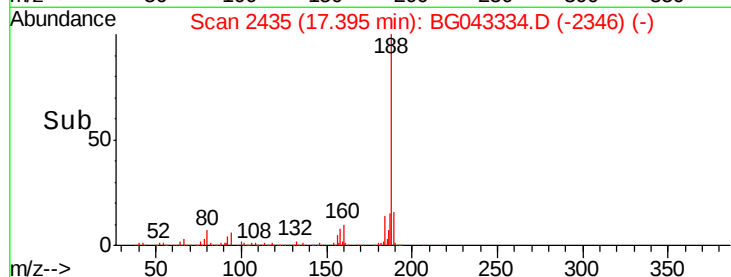
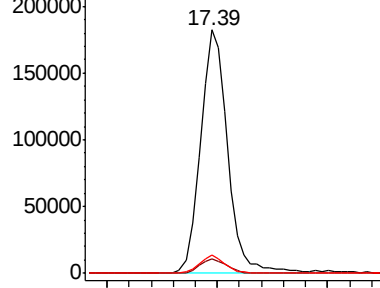
80 7.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.074 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

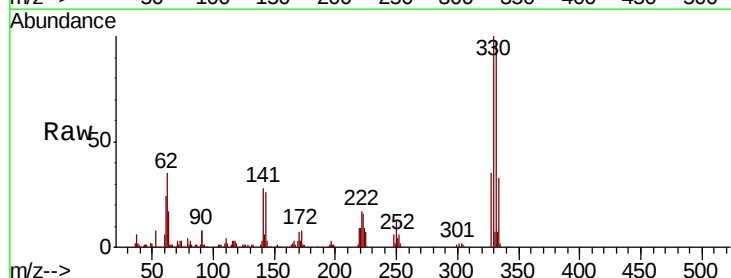
Tgt Ion:248 Resp: 12997

Ion Ratio Lower Upper

248 100

250 221.5 79.3 118.9#

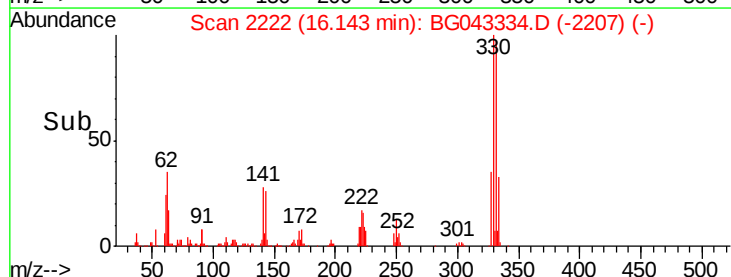
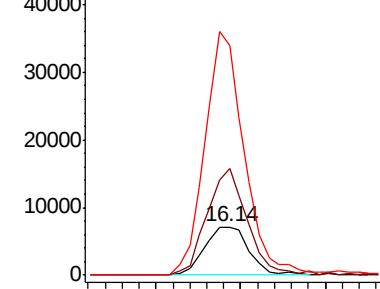
141 475.6 47.9 71.9#

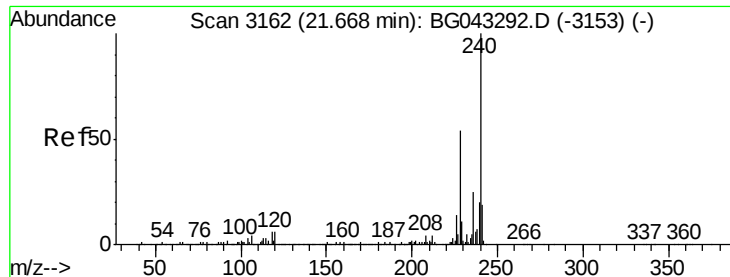


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

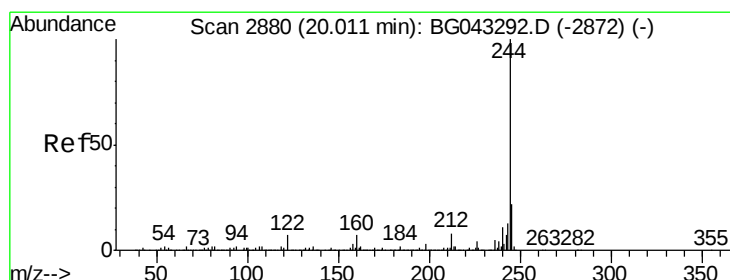
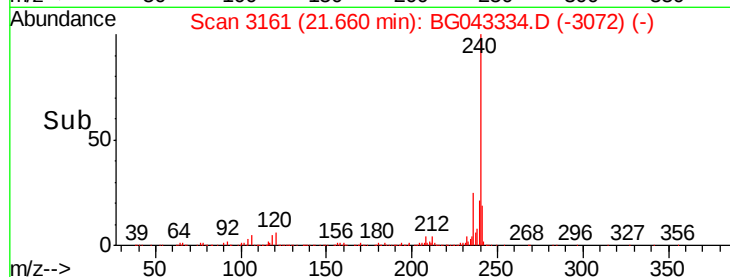
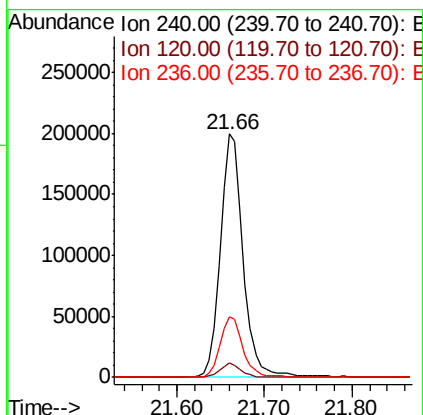
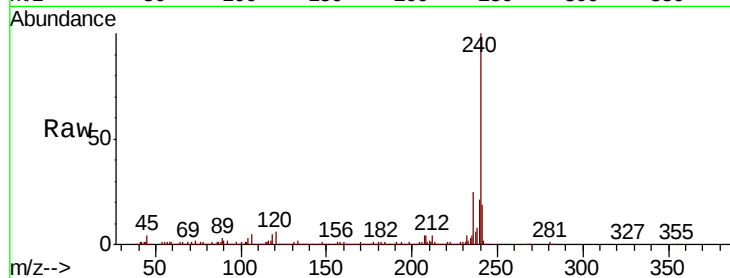




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

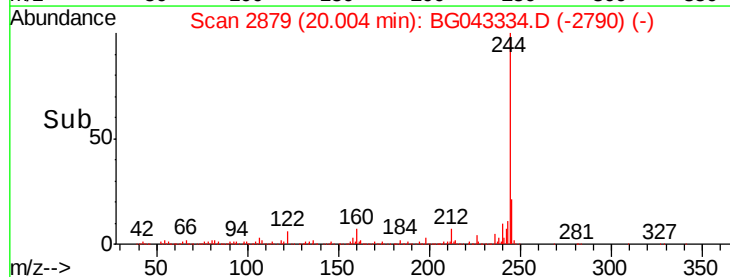
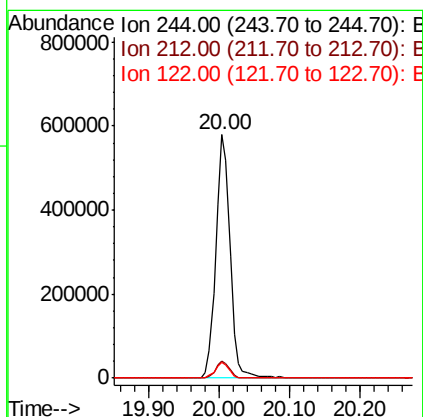
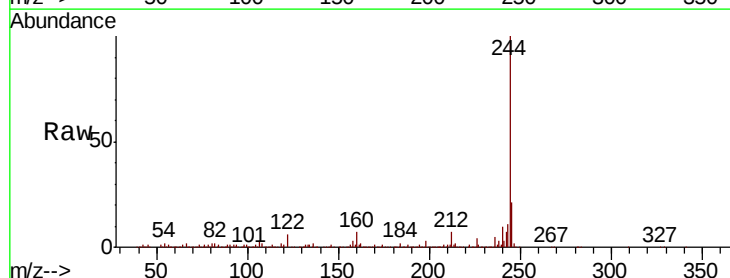
Instrument :
 BNA_G
 ClientSampleId :

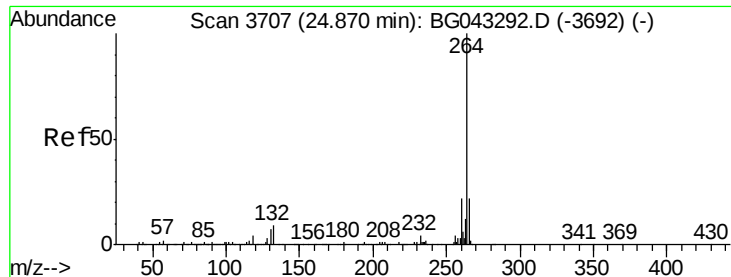
Tot Ion:240 Resp: 359282
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.6 7.0
 236 24.9 20.2 30.4



#79
 Terphenyl-d14
 Concen: 42.591 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Tgt Ion:244 Resp: 815648
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 6.4 5.3 7.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	23.1	17.4	26.2

