

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043579.D
 Acq On : 8 Nov 2019 21:15
 Operator : JU
 Sample : K5742-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)

Quant Time: Nov 11 00:34:14 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

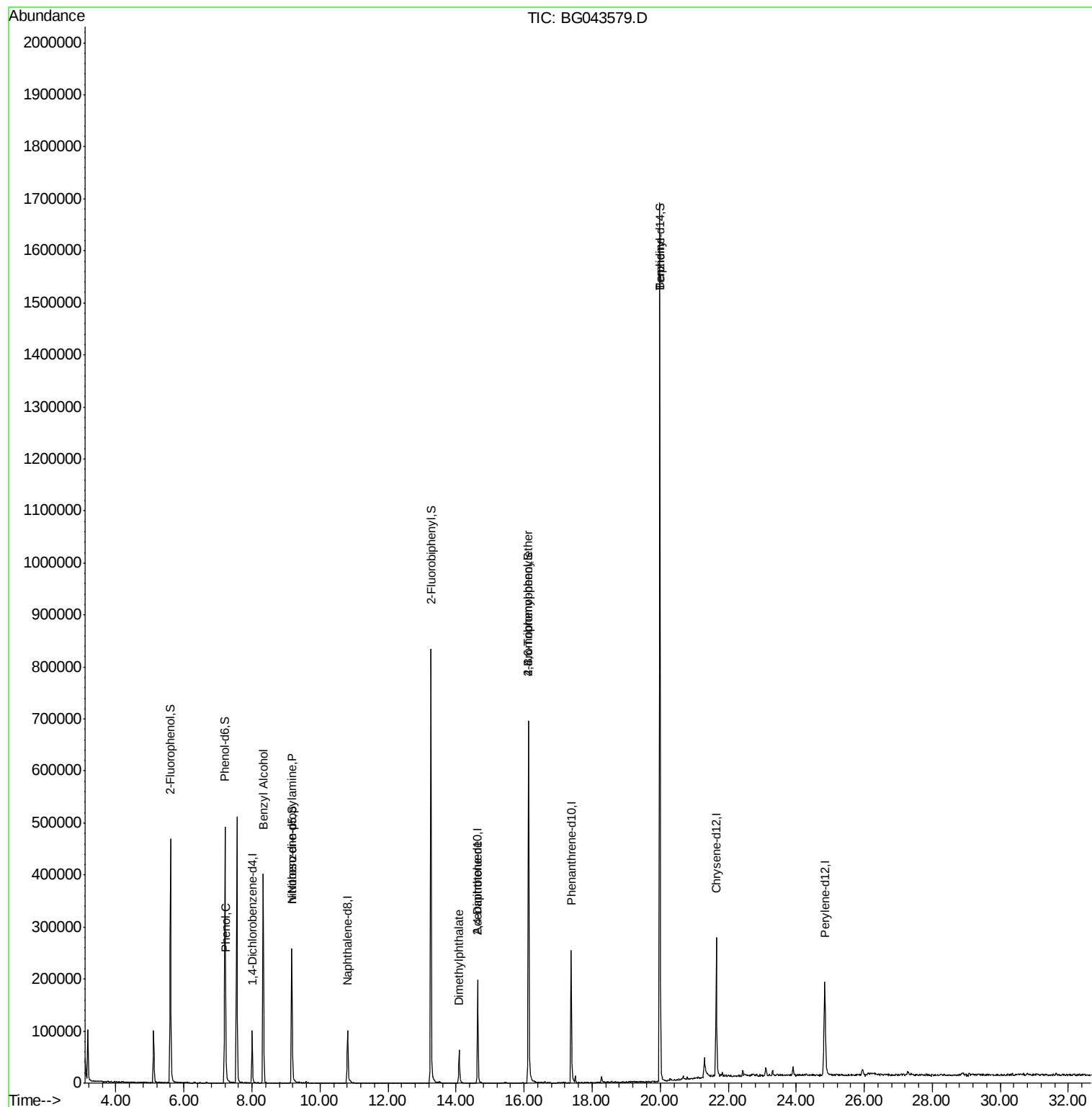
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29037	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104226	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	82666	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	194048	20.00	ng	0.00
76) Chrysene-d12	21.65	240	190571	20.00	ng	0.00
87) Perylene-d12	24.83	264	217167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215469	135.98	ng	0.00
7) Phenol-d6	7.21	99	307443	134.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	182734	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	181432	115.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	488111	81.59	ng	0.00
79) Terphenyl-d14	19.99	244	917858	90.36	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12353	5.929	ng	86
15) Benzyl Alcohol	8.33	79	3546	2.215	ng	# 57
19) n-Nitroso-di-n-propylamine	9.16	70	25623	17.393	ng	# 72
50) Dimethylphthalate	14.09	163	54228	8.469	ng	# 99
57) 2,4-Dinitrotoluene	14.64	165	11127	5.597	ng	# 27
67) 4-Bromophenyl-phenylether	16.13	248	11905	4.559	ng	# 1
77) Benzidine	19.99	184	12624	3.292	ng	# 88

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

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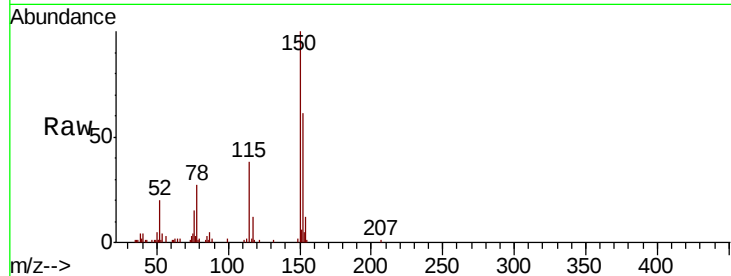


#1

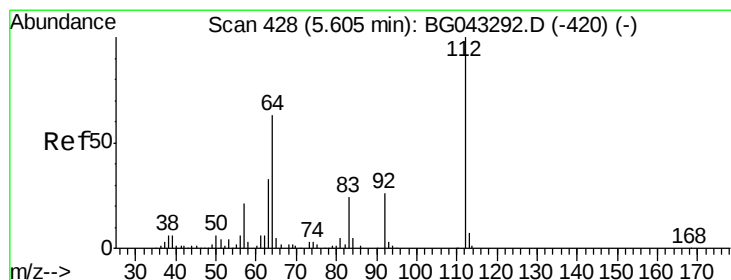
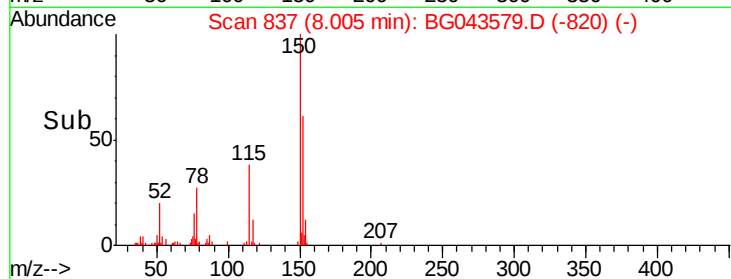
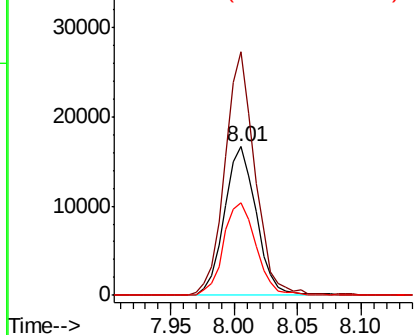
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tot Ion	152	Resp	29037
Ion Ratio	100	Lower	Upper
150	164.1	129.4	194.0
115	62.1	48.8	73.2



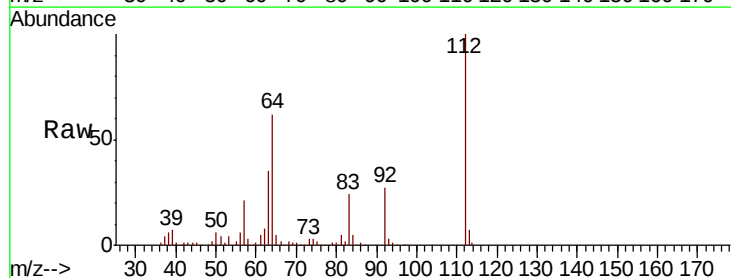
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



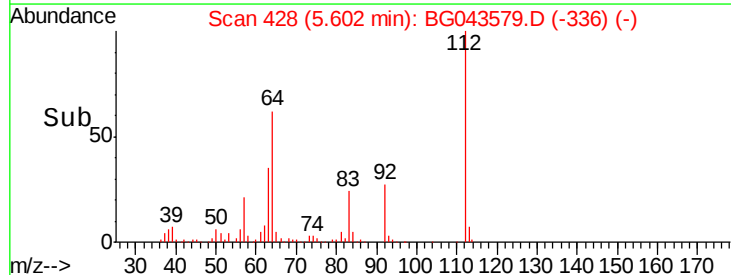
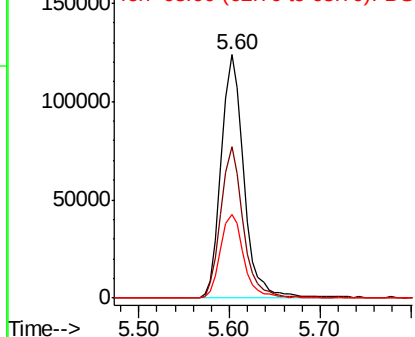
#5

2-Fluorophenol
Concen: 135.977 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion	112	Resp	215469
Ion Ratio	100	Lower	Upper
64	62.5	50.0	75.0
63	34.6	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: 134.851 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

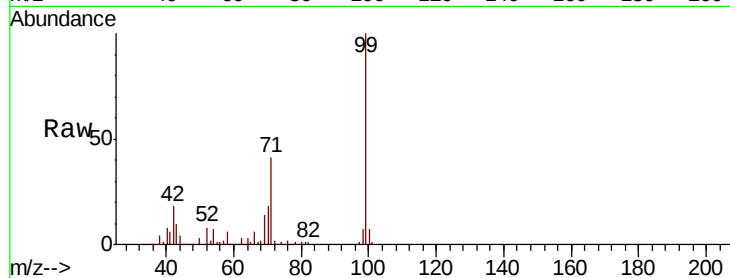
Tot Ion: 99 Resp: 307443

Ion Ratio Lower Upper

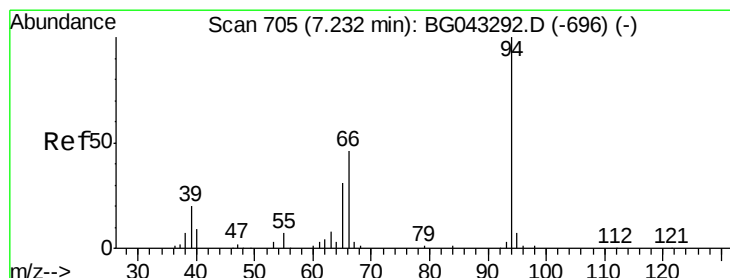
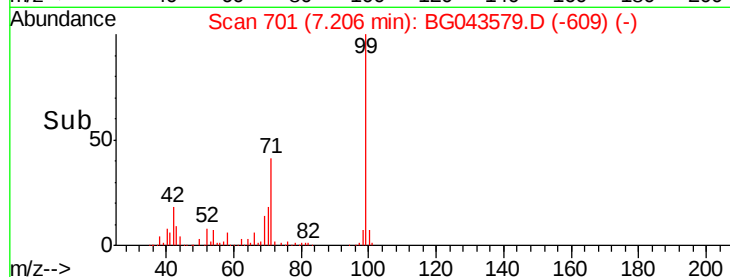
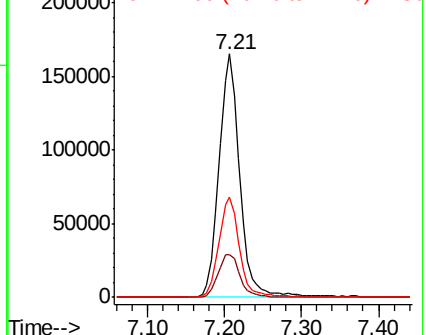
99 100

42 17.7 14.6 21.8

71 41.2 32.5 48.7



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: 5.929 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

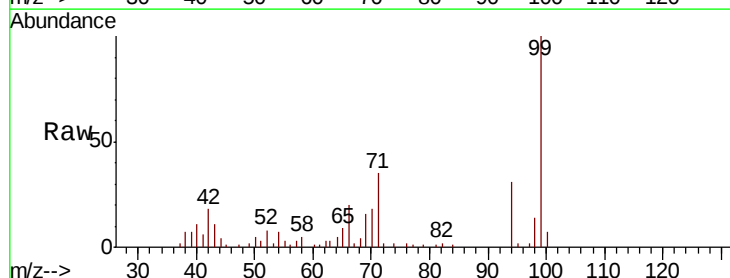
Tgt Ion: 94 Resp: 12353

Ion Ratio Lower Upper

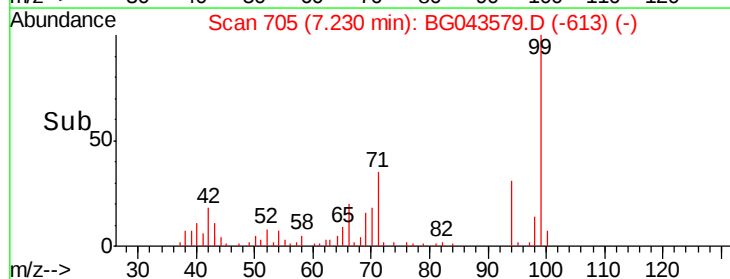
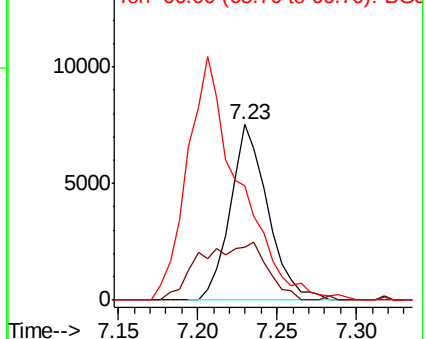
94 100

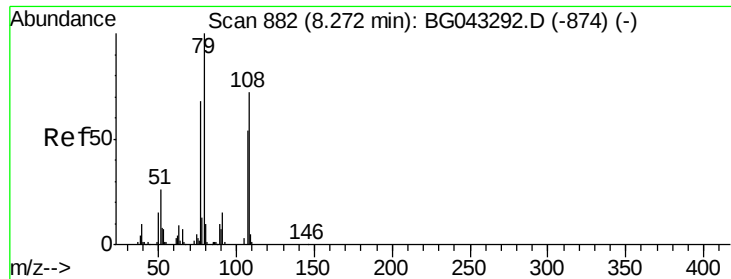
65 30.4 12.6 52.6

66 65.1 30.7 70.7



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





#15

Benzyl Alcohol

Concen: 2.215 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.07 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

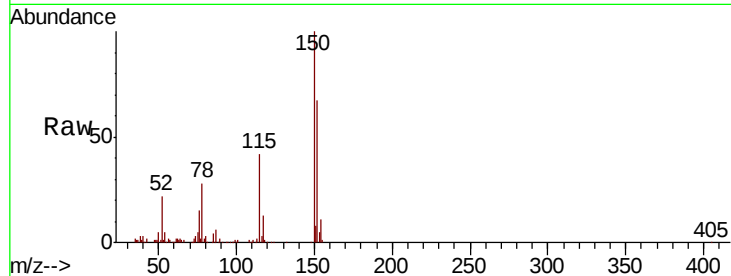
Tot Ion: 79 Resp: 3546

Ion Ratio Lower Upper

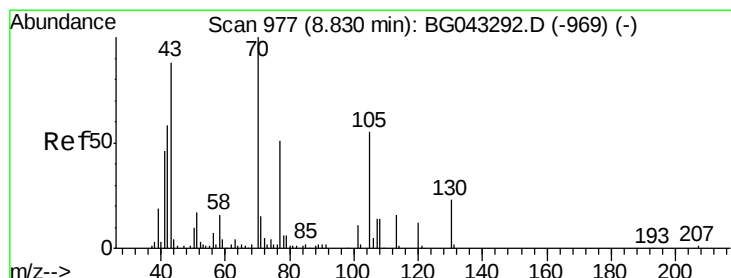
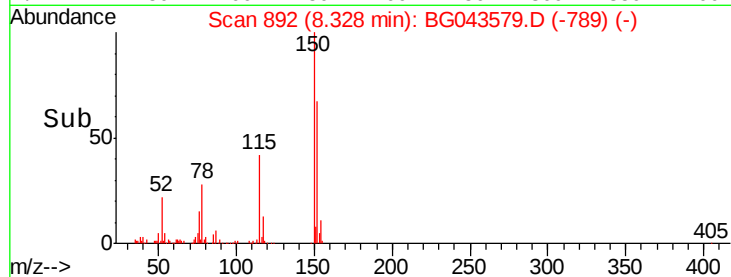
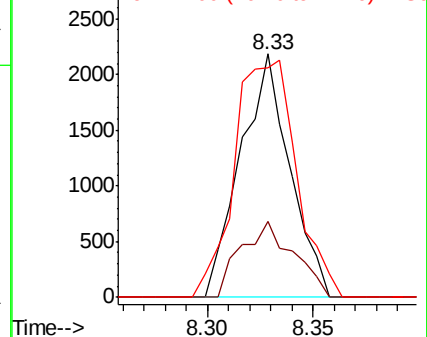
79 100

108 31.3 53.6 80.4#

77 94.3 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.393 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Tgt Ion: 70 Resp: 25623

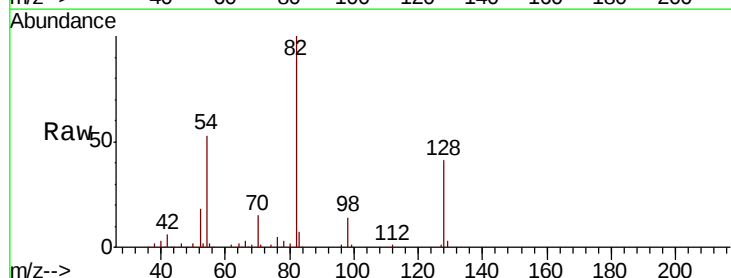
Ion Ratio Lower Upper

70 100

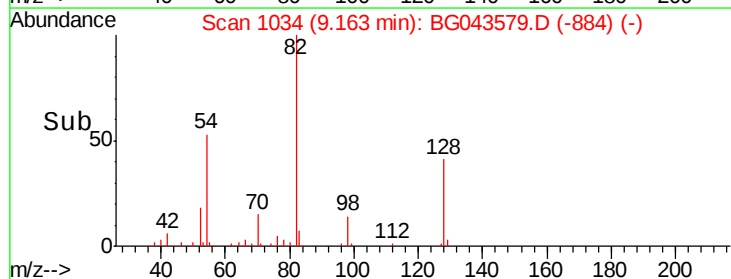
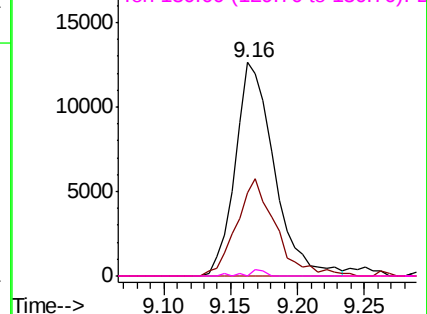
42 38.8 41.4 62.2#

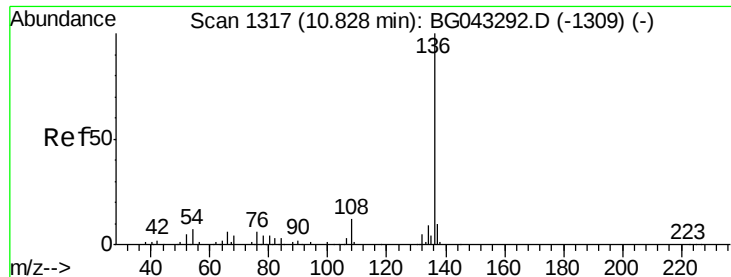
101 0.0 7.9 11.9#

130 0.0 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

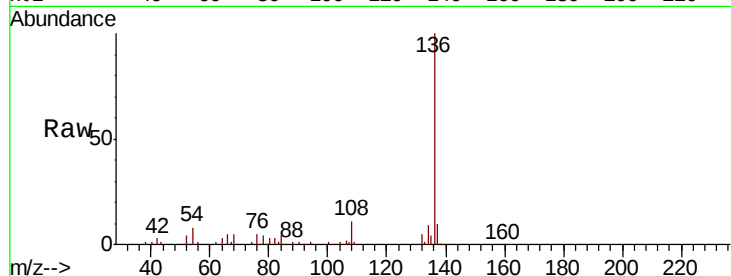




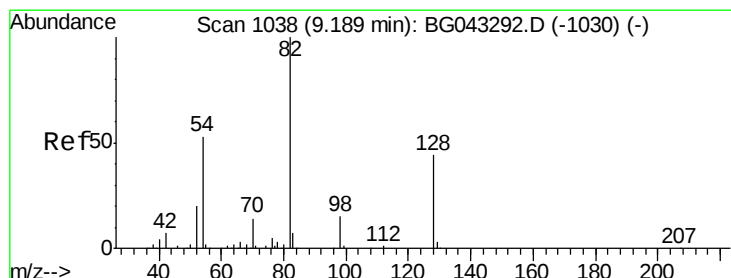
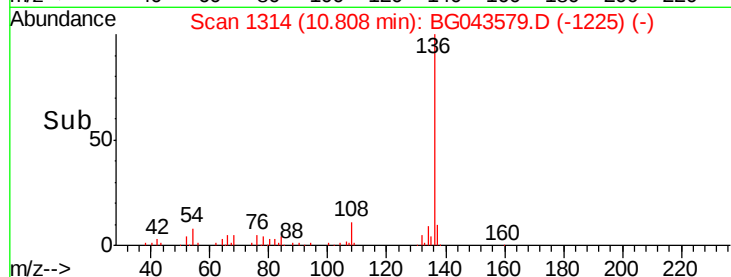
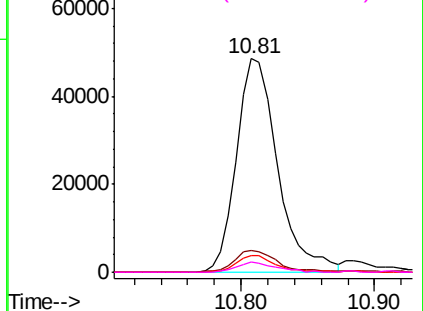
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tot Ion:136	Resp:	104226
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	7.7	5.4 8.2
68	4.7	3.0 4.4

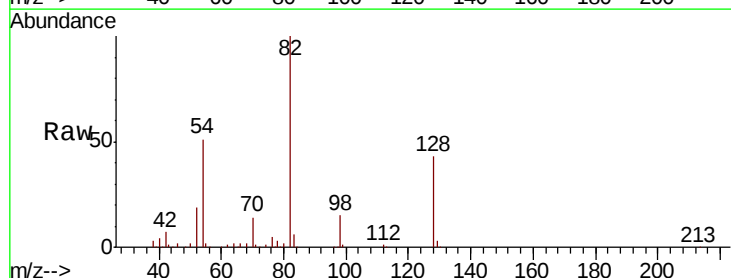


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

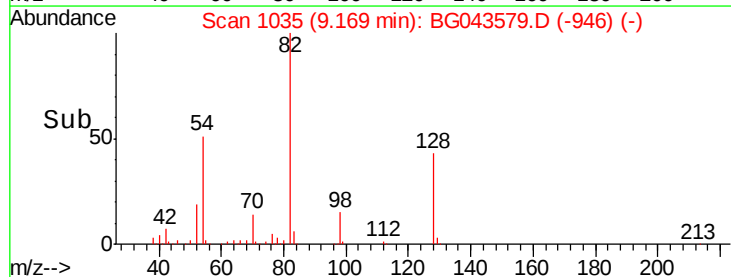
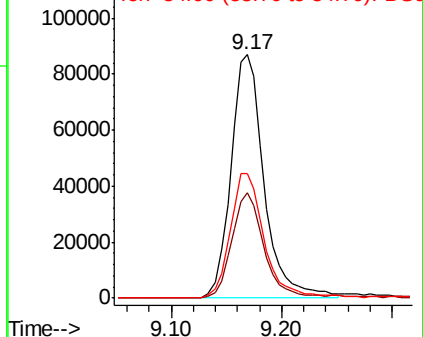


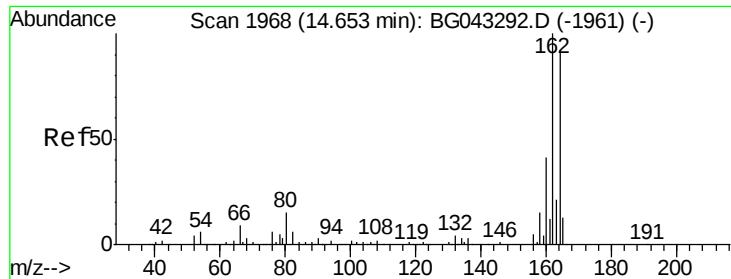
#23
Nitrobenzene-d5
Concen: 90.388 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion: 82	Resp:	182734
Ion	Ratio	Lower Upper
82	100	
128	43.0	35.0 52.6
54	51.4	40.2 60.2



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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

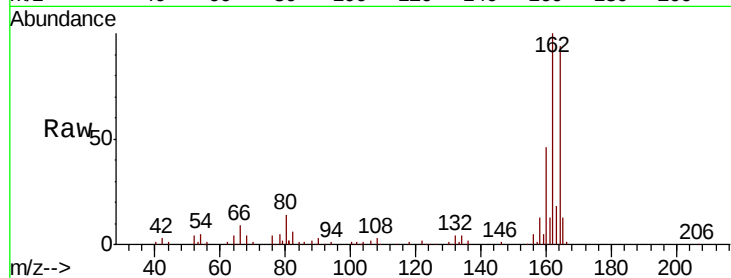
Tot Ion:164 Resp: 82666

Ion Ratio Lower Upper

164 100

162 106.2 83.5 125.3

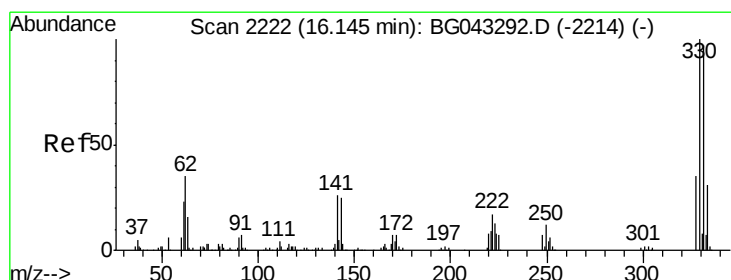
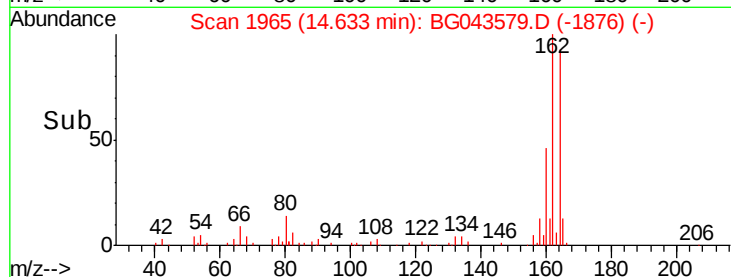
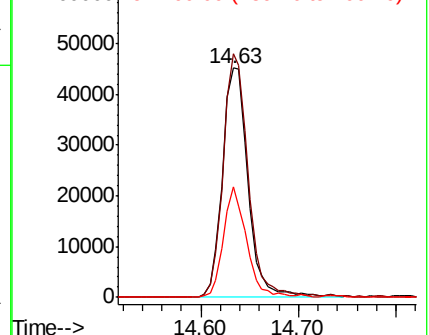
160 48.4 36.5 54.7



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: 115.331 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

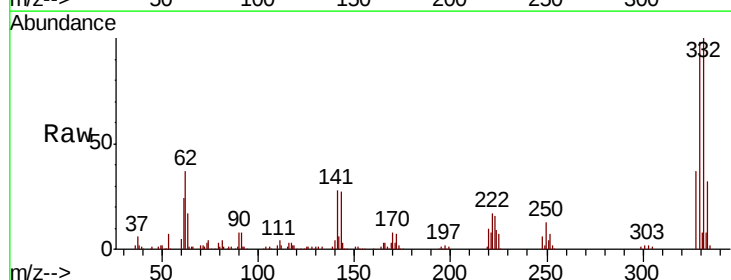
Tgt Ion:330 Resp: 181432

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

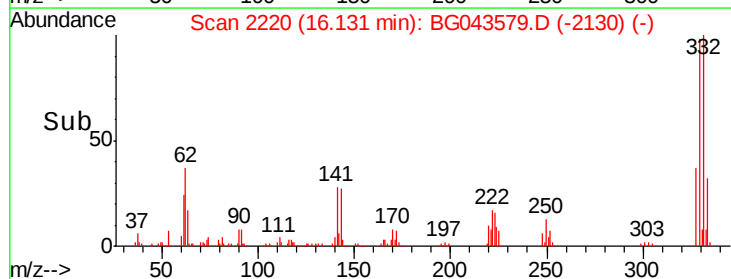
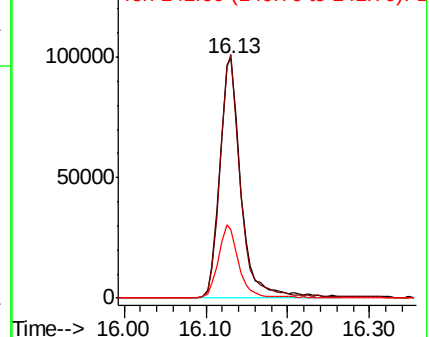
141 29.3 22.8 34.2

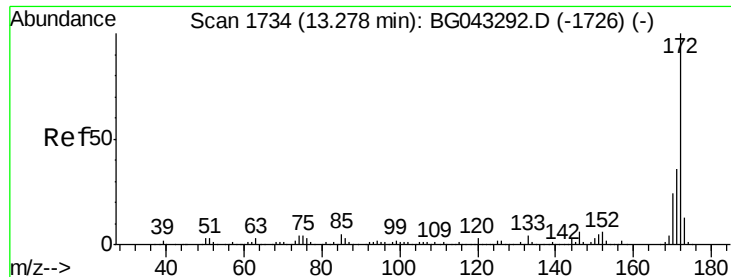


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

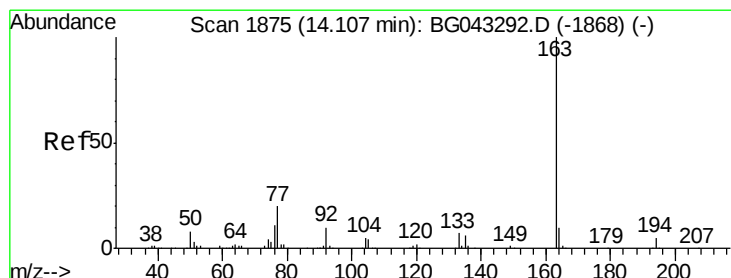
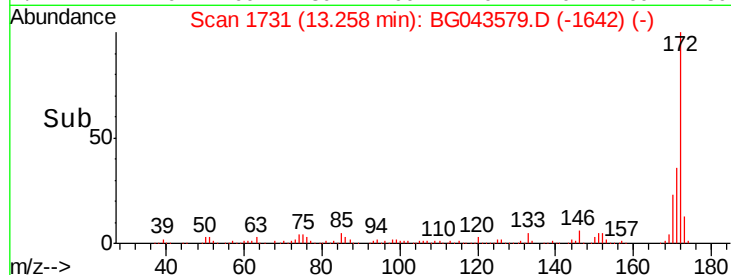
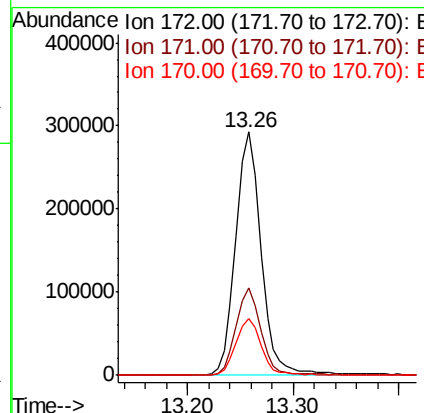
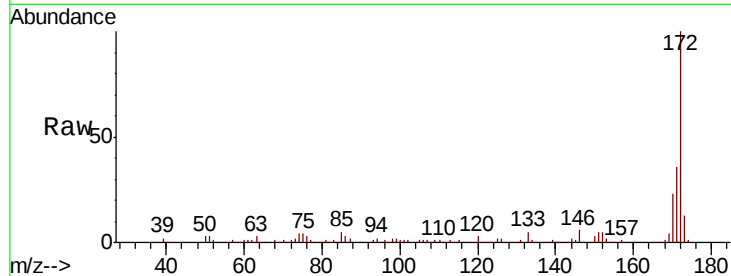




#45
 2-Fluorobiphenyl
 Concen: 81.590 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

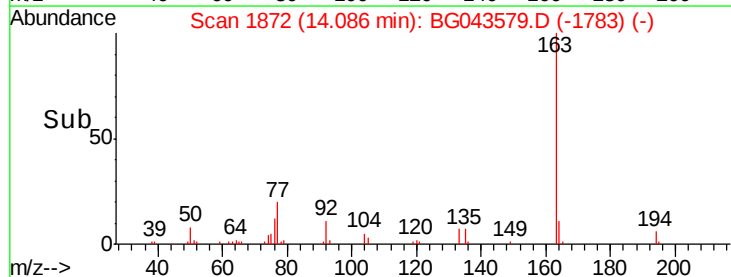
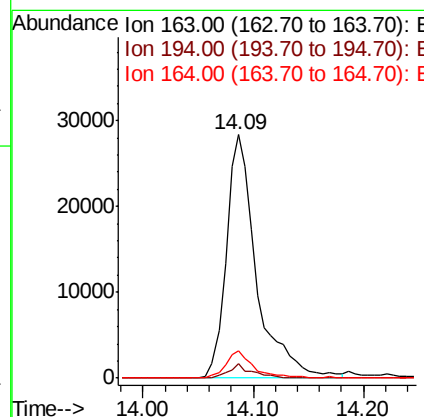
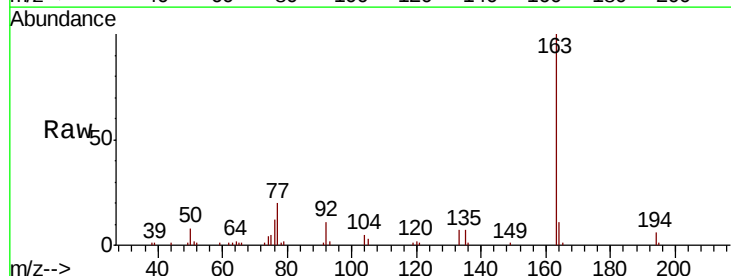
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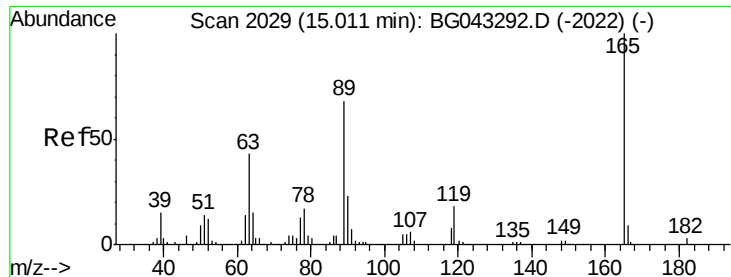
Tot Ion:172 Resp: 488111
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.4 18.5 27.7



#50
 Dimethylphthalate
 Concen: 8.469 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

Tgt Ion:163 Resp: 54228
 Ion Ratio Lower Upper
 163 100
 194 6.0 3.8 5.6#
 164 11.0 8.9 13.3

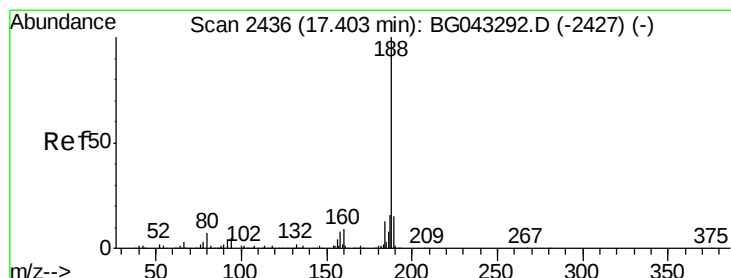
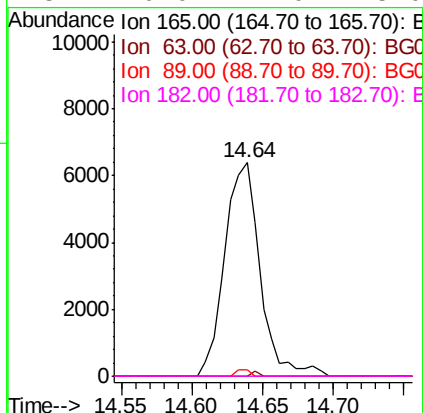
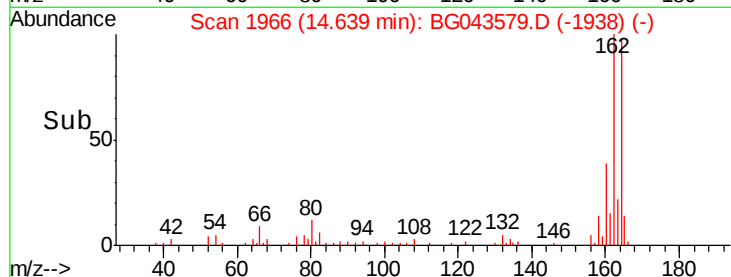
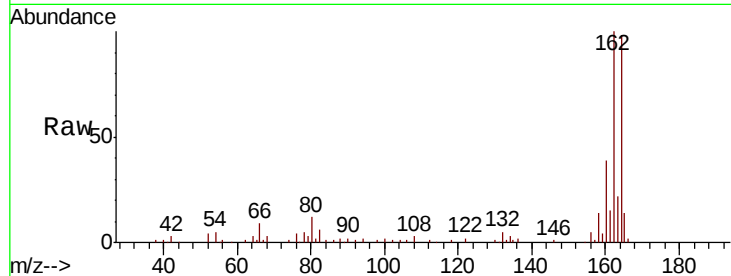




#57
 2,4-Dinitrotoluene
 Concen: 5.597 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

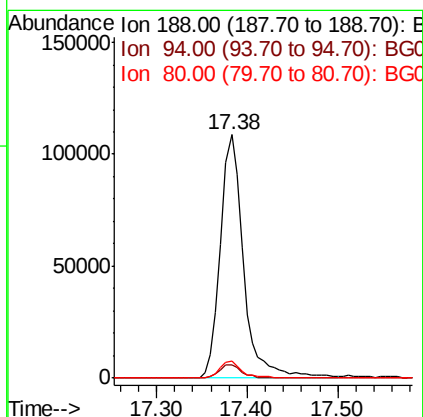
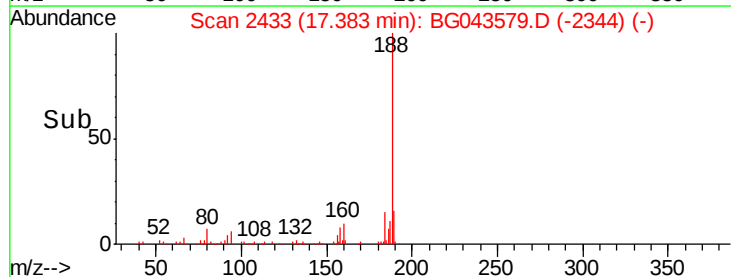
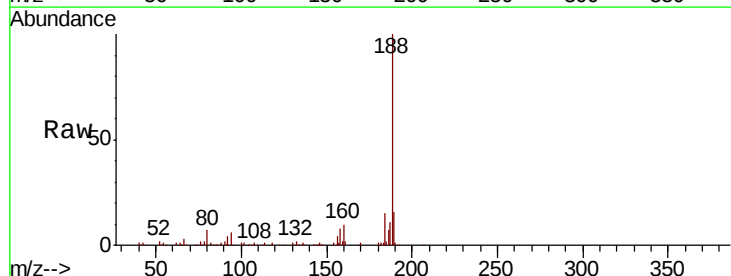
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)

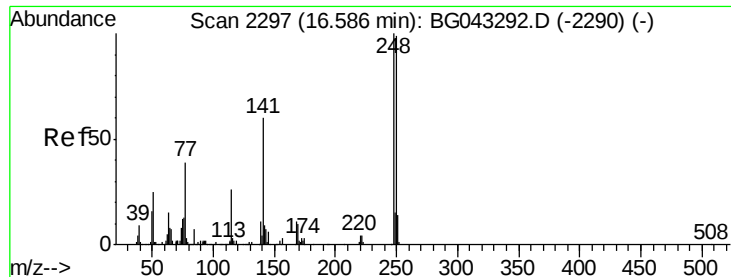
Tot Ion:165	Resp:	11127	
Ion Ratio	Lower	Upper	
165 100			
63 0.0	33.2	49.8#	
89 2.7	52.2	78.4#	
182 0.0	2.0	3.0#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

Tgt Ion	188	Resp:	194048
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.8	4.5	6.7#

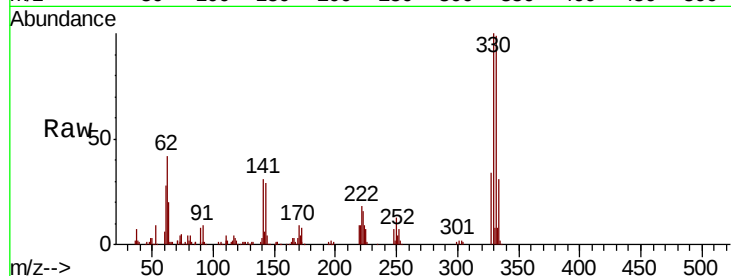




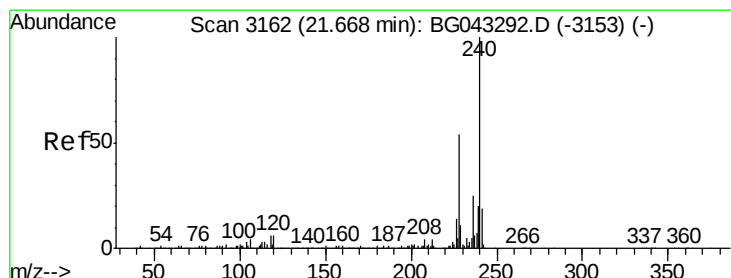
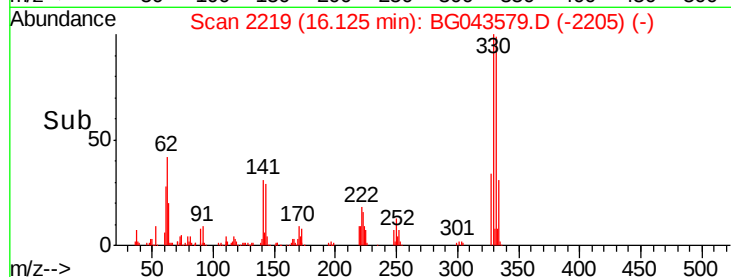
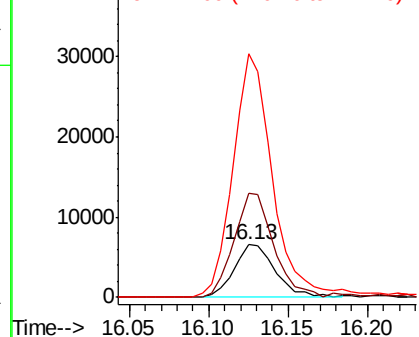
#67
 4-Bromophenyl-phenylether
 Concen: 4.559 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.45 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)

Tot Ion:248 Resp: 11905
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.0 115.4#
 141 465.4 47.5 71.3#

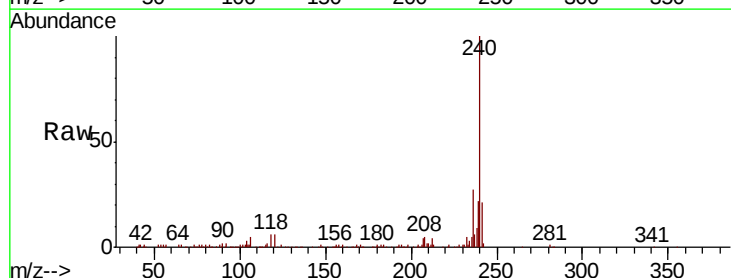


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

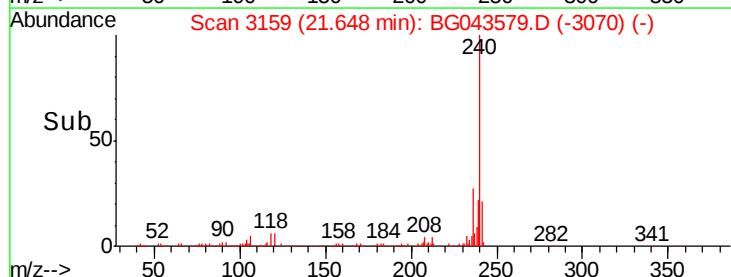
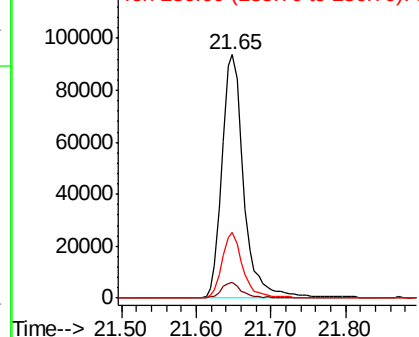


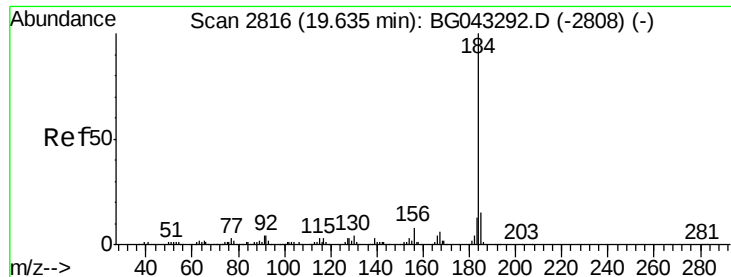
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

Tgt Ion:240 Resp: 190571
 Ion Ratio Lower Upper
 240 100
 120 6.5 4.6 6.8
 236 27.0 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: 3.292 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

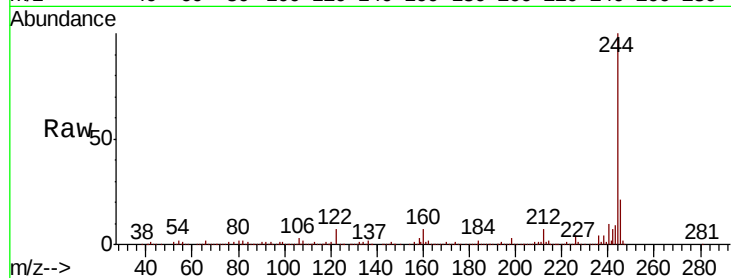
Tot Ion:184 Resp: 12624

Ion Ratio Lower Upper

184 100

185 17.1 11.0 16.4#

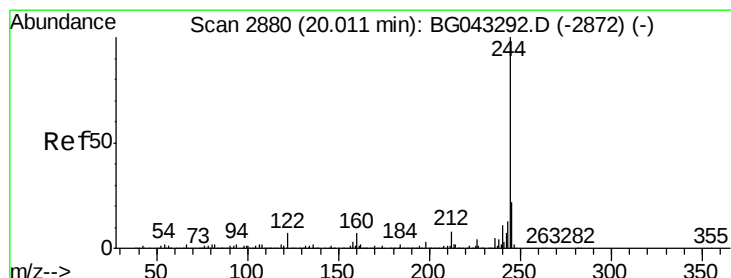
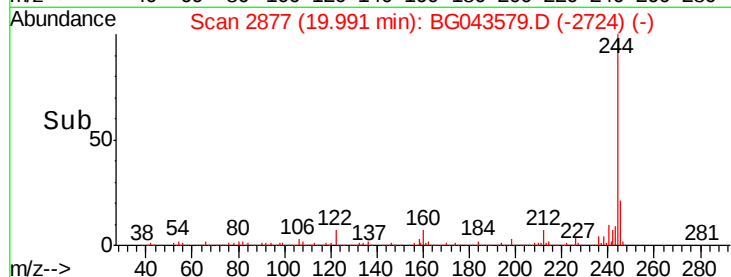
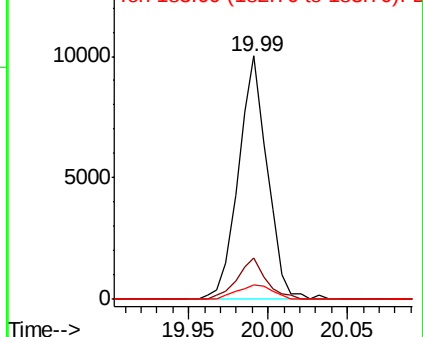
183 6.0 10.0 15.0#



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: 90.358 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

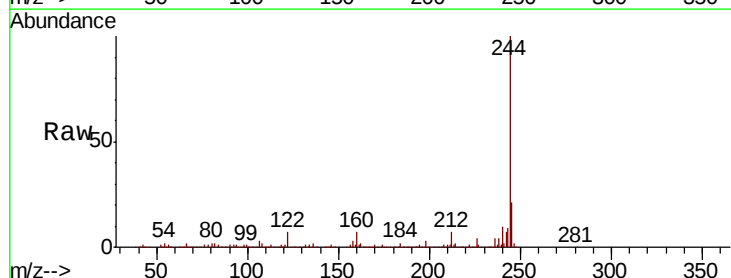
Tgt Ion:244 Resp: 917858

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

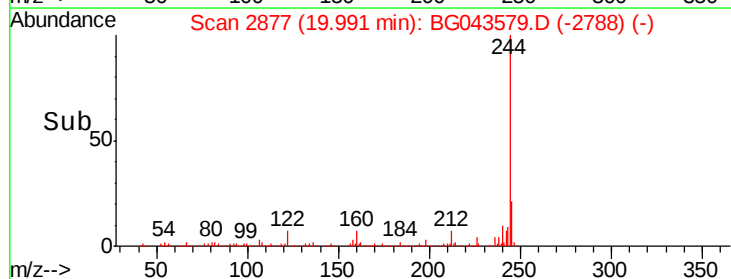
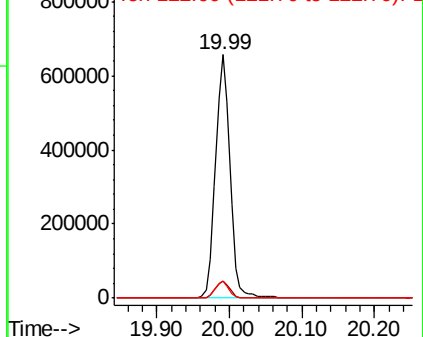
122 6.8 5.4 8.2

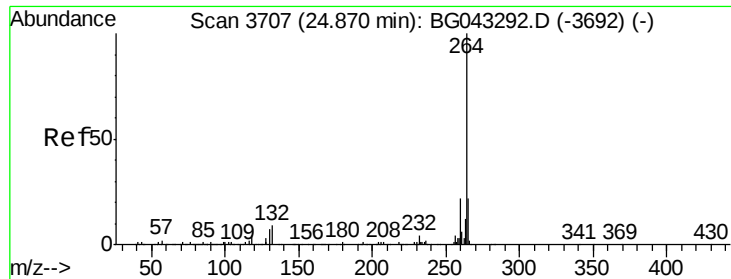


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3701
 Delta R.T. -0.02 min
 Lab File: BG043579.D
 Acq: 8 Nov 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.5	26.3
265	20.0	17.4	26.0

