

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043333.D
 Acq On : 24 Oct 2019 16:15
 Operator : JU
 Sample : K5490-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 17:55:22 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

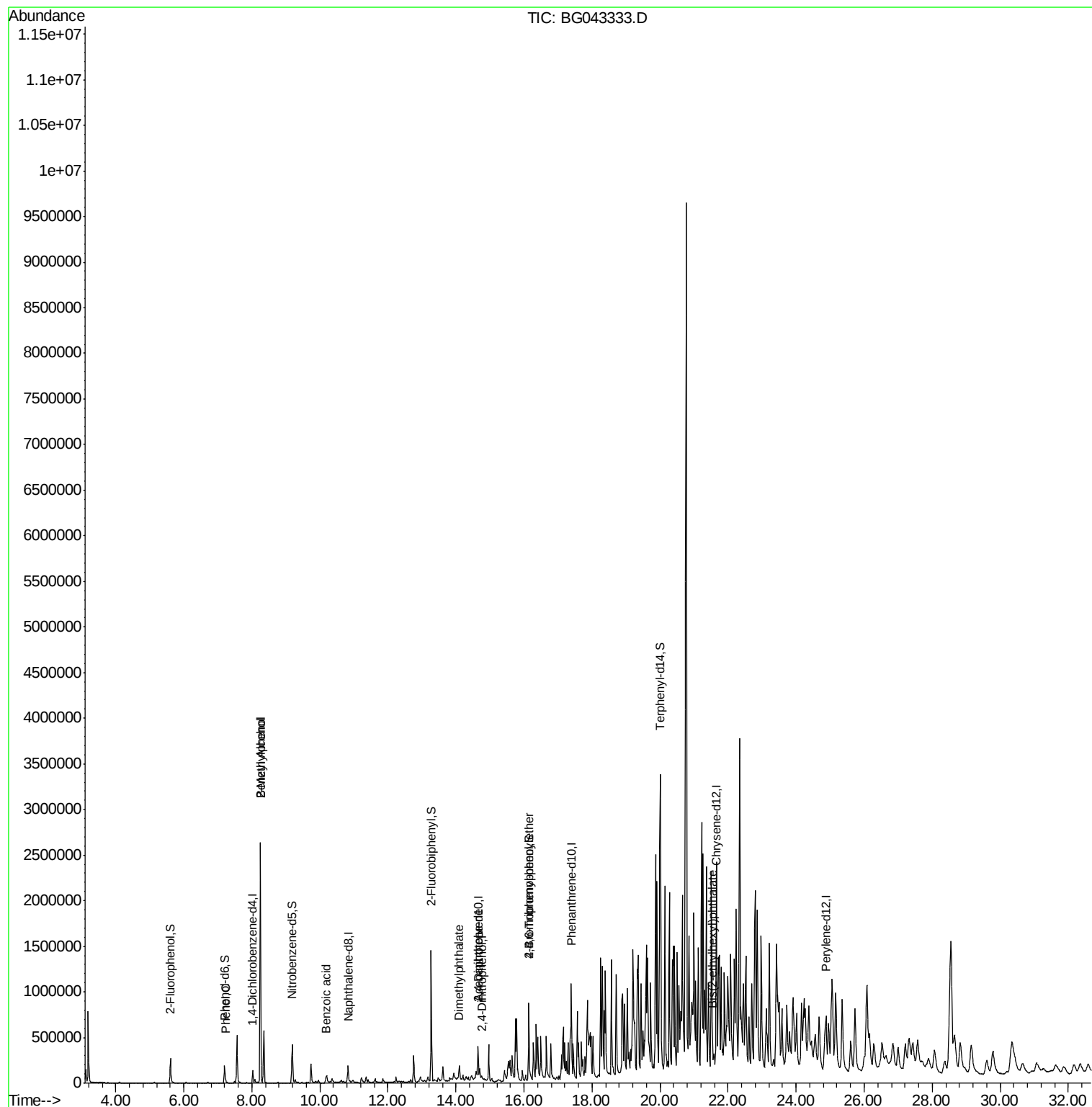
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	170261	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123831	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	268646	20.00	ng	0.00
76) Chrysene-d12	21.67	240	318081	20.00	ng	0.00
87) Perylene-d12	24.87	264	376761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	139064	59.07	ng	0.00
7) Phenol-d6	7.20	99	129730	38.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	286580	86.78	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	201506	85.51	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	813085	90.73	ng	0.00
79) Terphenyl-d14	20.01	244	1441883	85.04	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8376	2.706	ng	85
15) Benzyl Alcohol	8.25	79	274863	115.554	ng	# 62
17) 2-Methylphenol	8.25	107	142838	63.308	ng	# 1
32) Benzoic acid	10.17	122	517	9.301	ng	# 44
50) Dimethylphthalate	14.10	163	75157	7.836	ng	# 97
54) 2,4-Dinitrophenol	14.77	184	87	7.343	ng	# 20
57) 2,4-Dinitrotoluene	14.65	165	16501	5.541	ng	# 29
67) 4-Bromophenyl-phenylether	16.14	248	13054	3.611	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.55	149	25478	2.404	ng	# 90

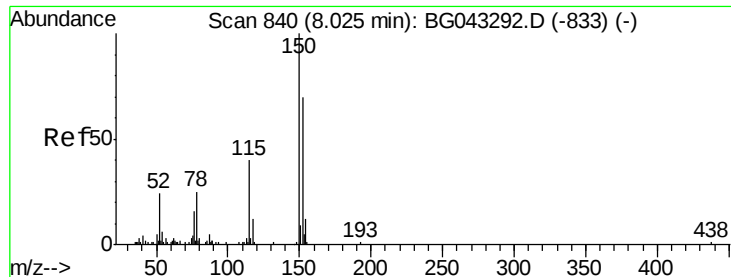
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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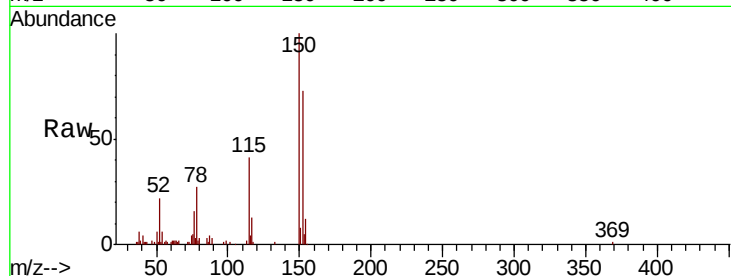


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.2	113.6	170.4
115	56.0	45.9	68.9

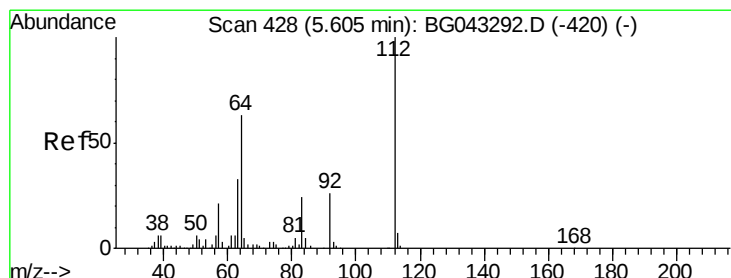
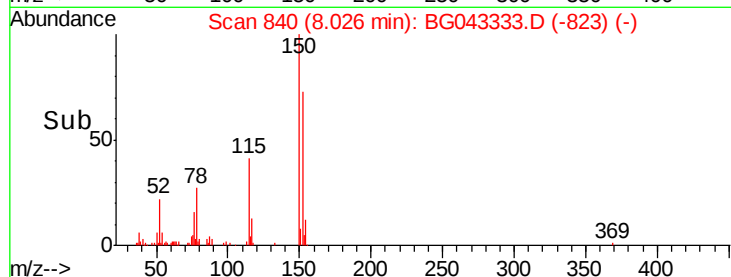
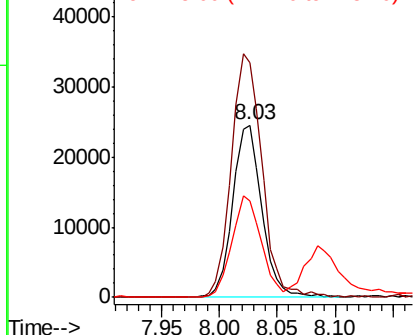


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

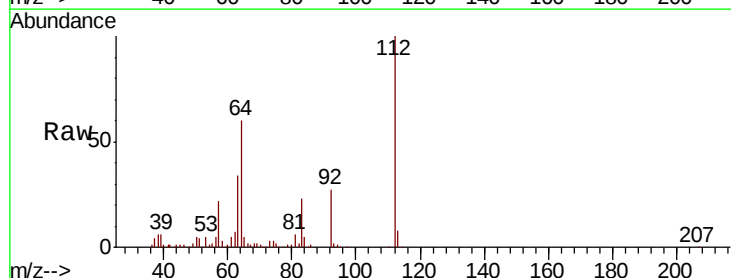
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.074 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.2	75.2
63	34.4	26.7	40.1

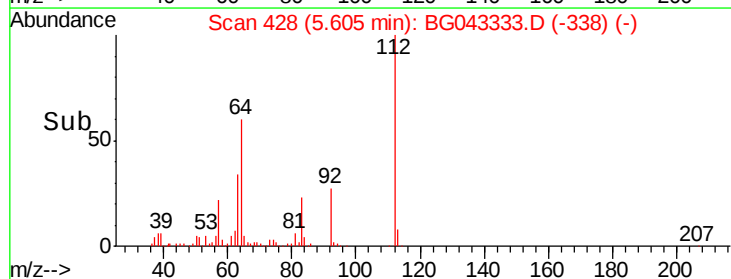
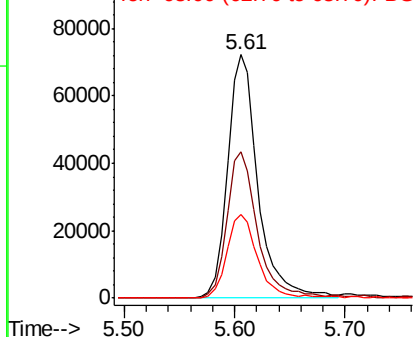


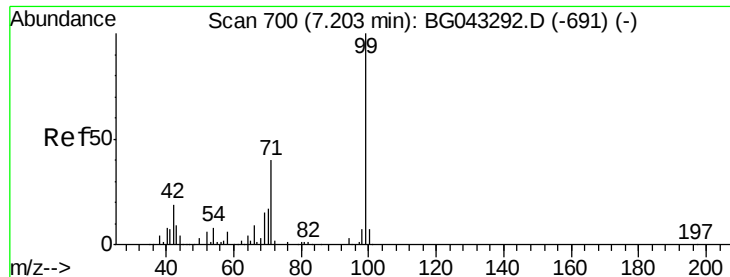
Abundance

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: 38.303 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

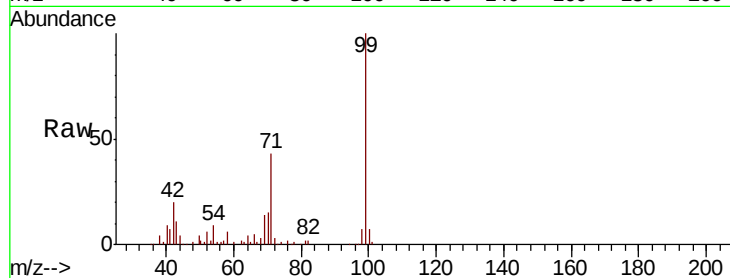
Tot Ion: 99 Resp: 129730

Ion Ratio Lower Upper

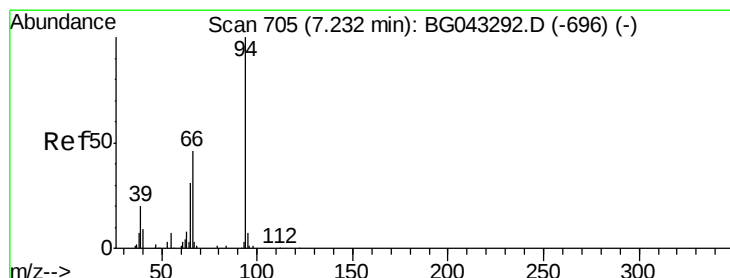
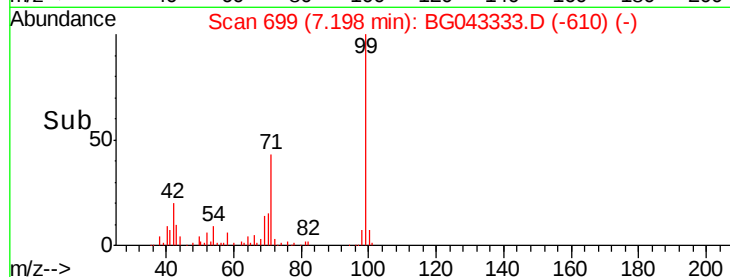
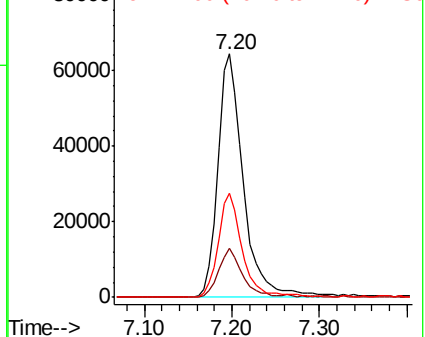
99 100

42 20.0 14.9 22.3

71 42.6 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: 2.706 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

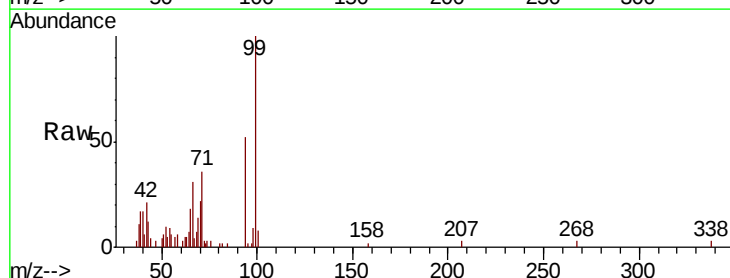
Tgt Ion: 94 Resp: 8376

Ion Ratio Lower Upper

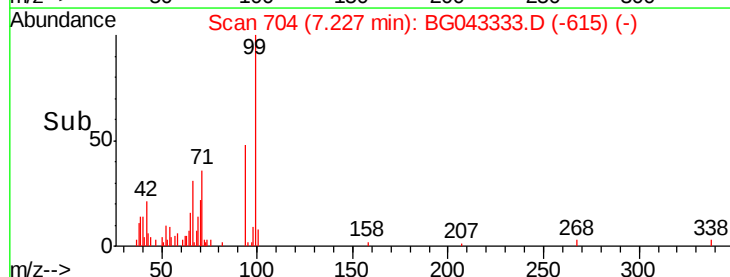
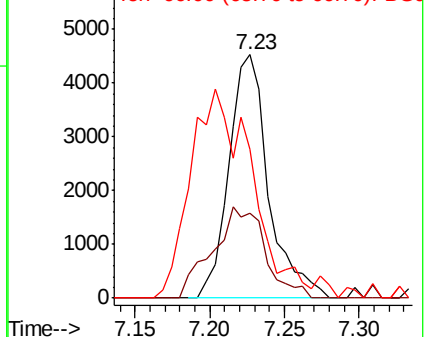
94 100

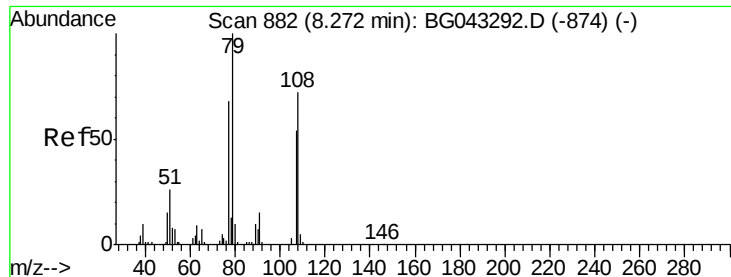
65 34.9 11.1 51.1

66 61.0 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





#15

Benzyl Alcohol

Concen: 115.554 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

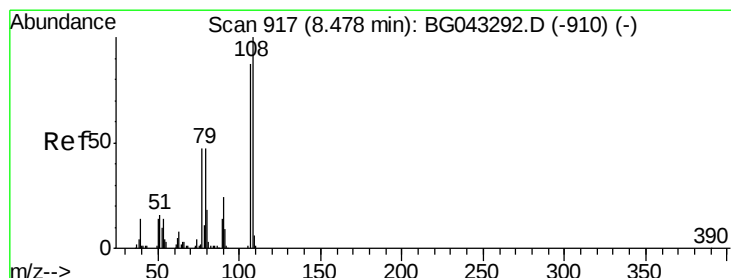
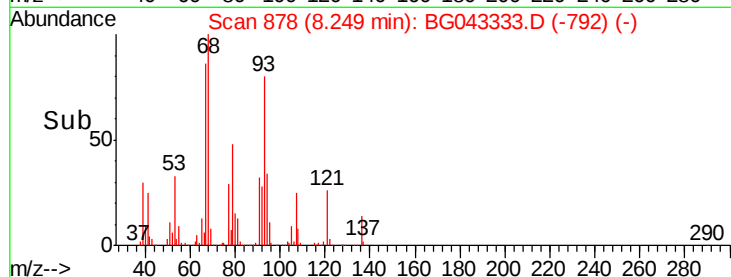
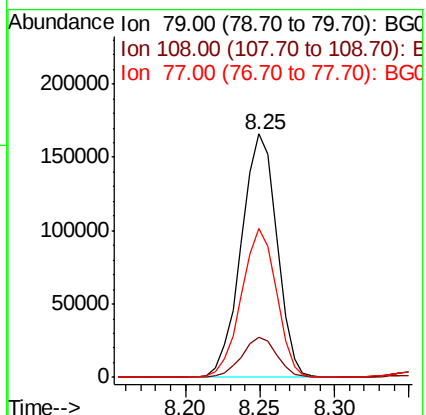
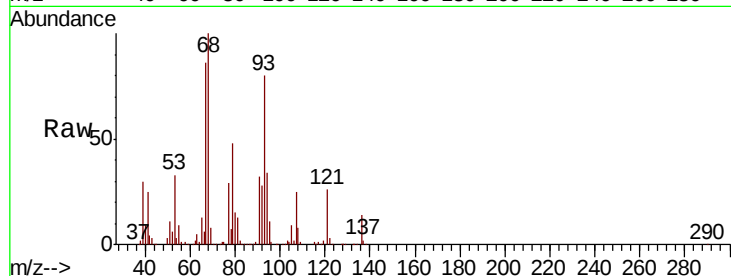
Tot Ion: 79 Resp: 274863

Ion Ratio Lower Upper

79 100

108 16.3 57.3 85.9#

77 61.1 54.6 81.8



#17

2-Methylphenol

Concen: 63.308 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.23 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Tgt Ion: 107 Resp: 142838

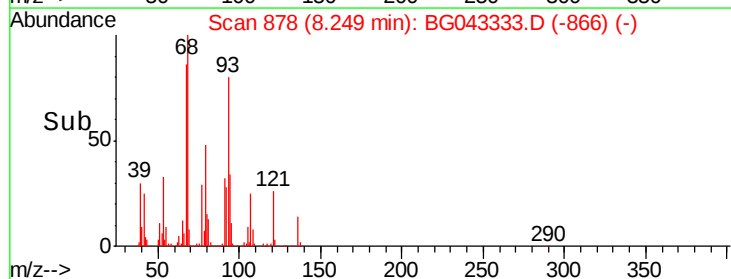
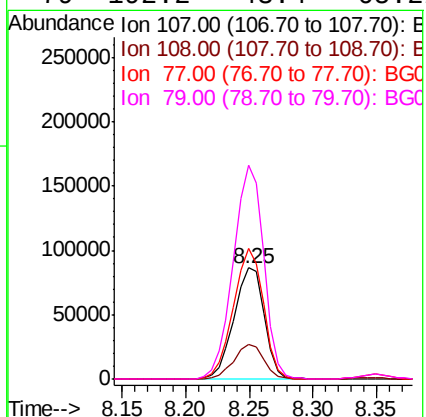
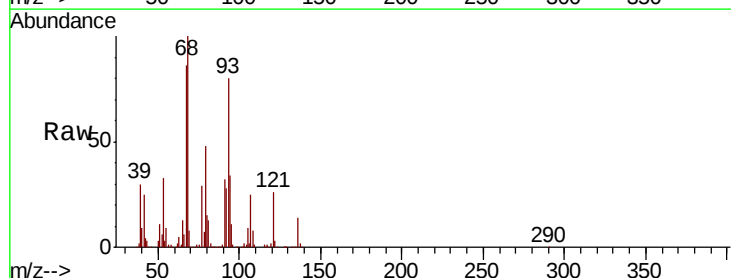
Ion Ratio Lower Upper

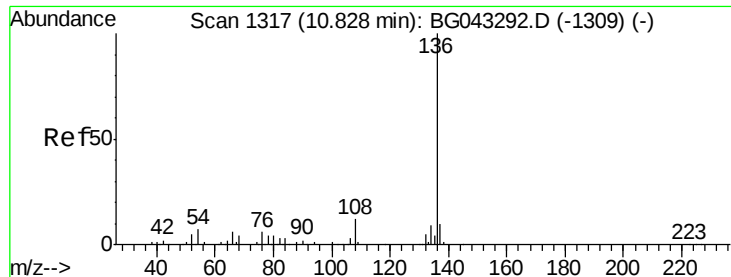
107 100

108 31.3 91.3 136.9#

77 117.4 43.0 64.6#

79 192.2 43.4 65.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 170261

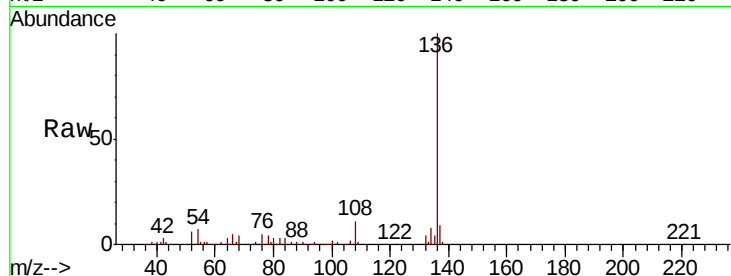
Ion Ratio Lower Upper

136 100

137 8.8 8.2 12.2

54 6.6 5.4 8.2

68 4.0 3.3 4.9

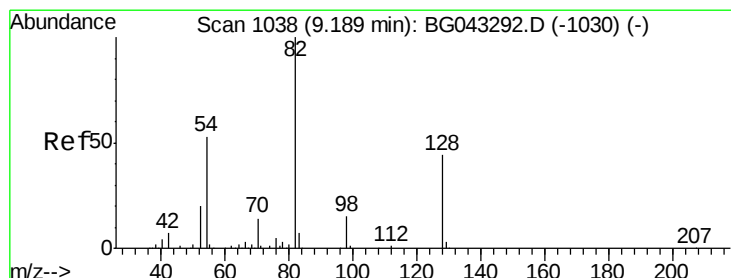
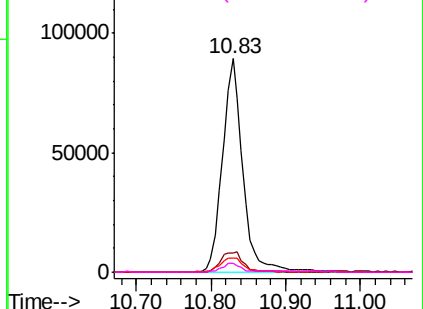
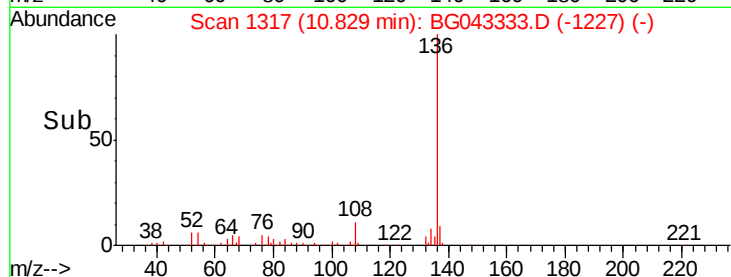


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.776 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

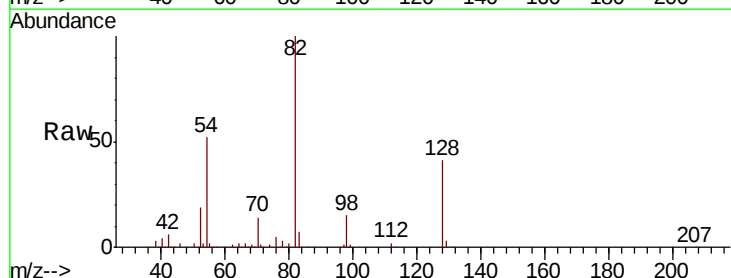
Tgt Ion: 82 Resp: 286580

Ion Ratio Lower Upper

82 100

128 40.8 35.3 52.9

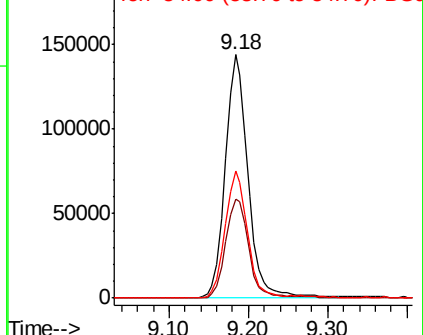
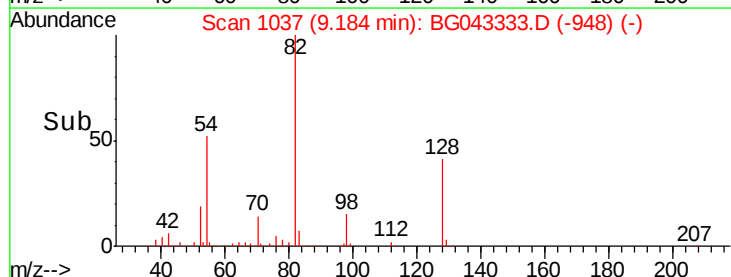
54 52.1 42.3 63.5

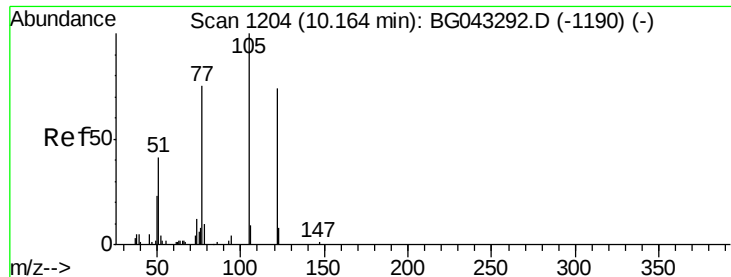


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

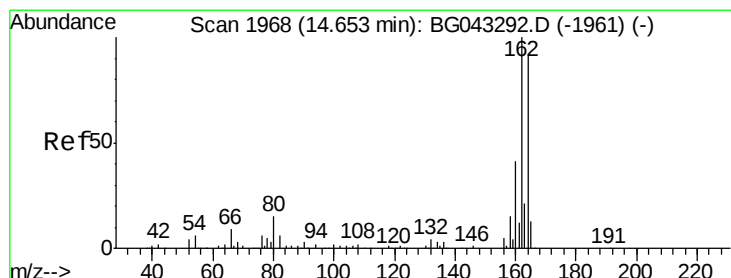
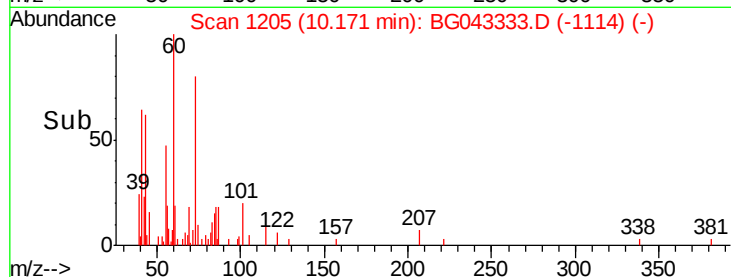
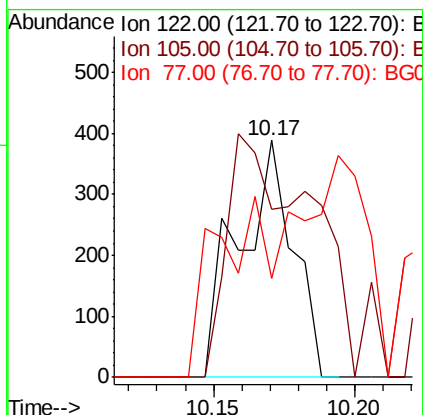
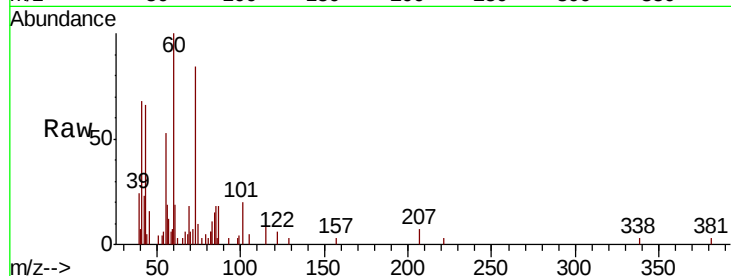




#32
Benzoic acid
Concen: 9.301 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

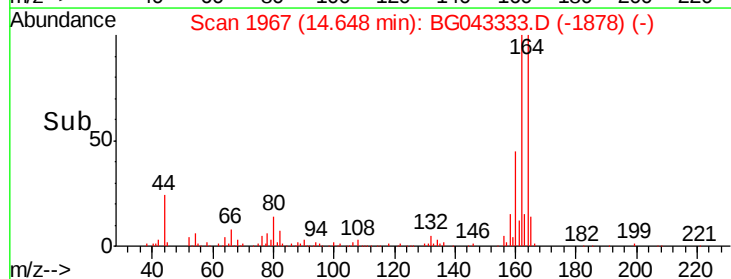
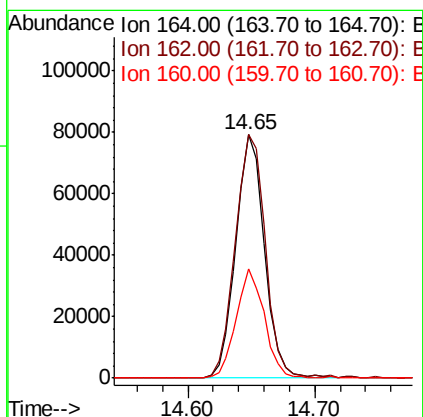
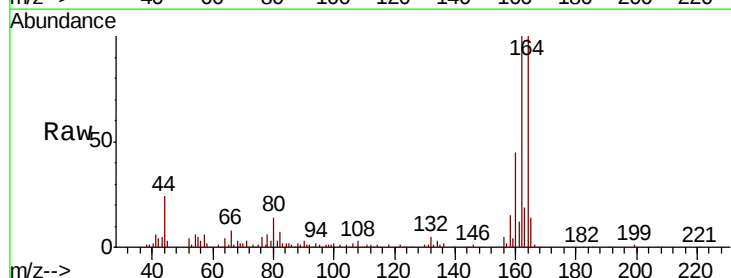
Instrument :
BNA_G
ClientSampleId :

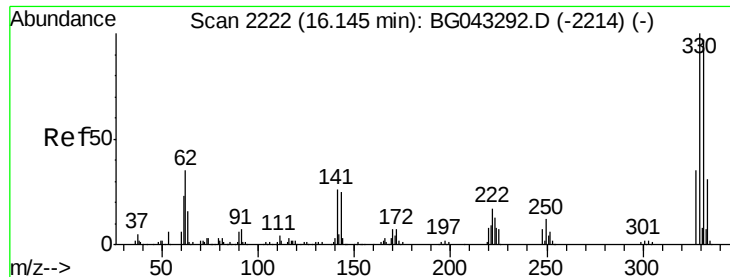
Tot Ion:122 Resp: 517
Ion Ratio Lower Upper
122 100
105 71.1 112.4 152.4#
77 41.8 82.7 122.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Tgt Ion:164 Resp: 123831
Ion Ratio Lower Upper
164 100
162 99.9 87.0 130.4
160 44.7 35.5 53.3

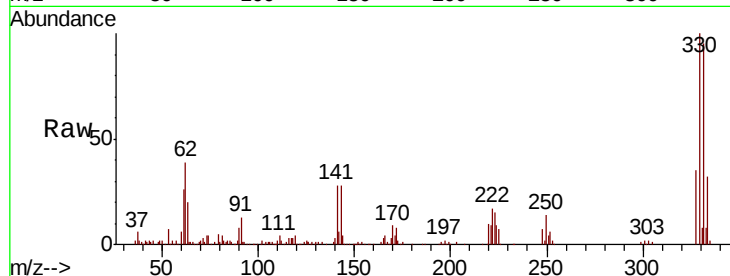




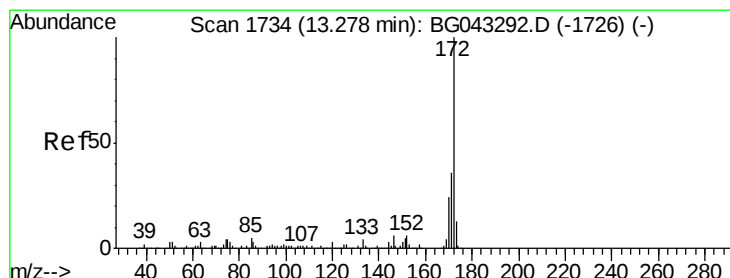
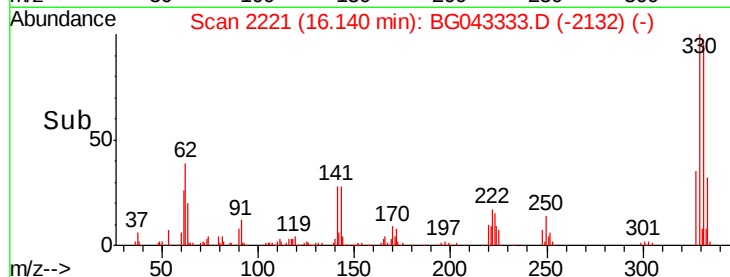
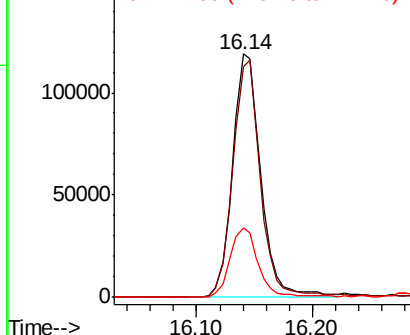
#42
 2,4,6-Tribromophenol
 Concen: 85.510 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	28.9	21.4	32.0

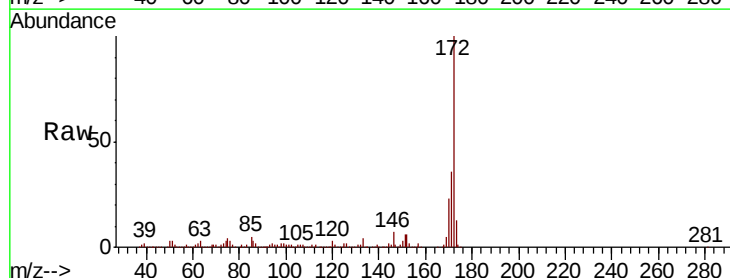


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

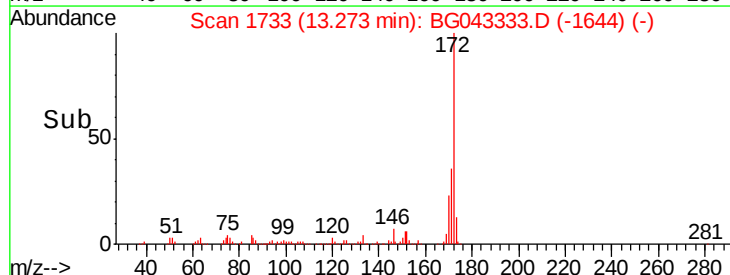
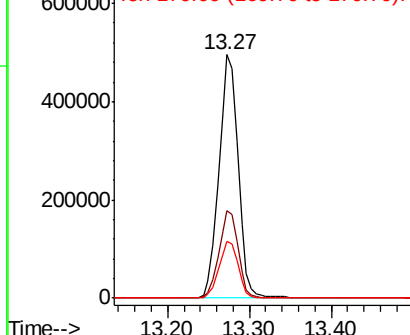


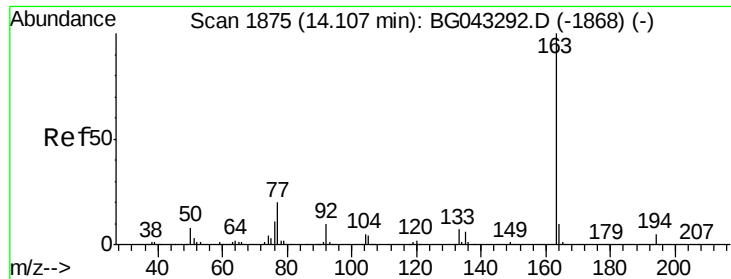
#45
 2-Fluorobiphenyl
 Concen: 90.730 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.2	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

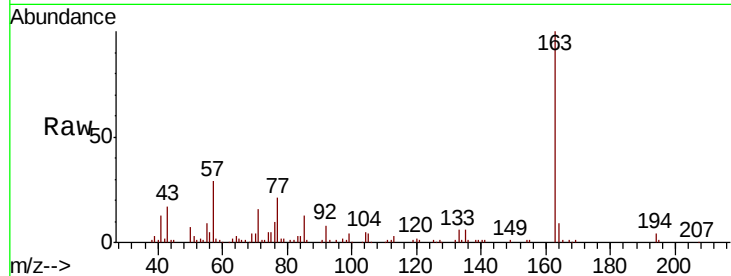




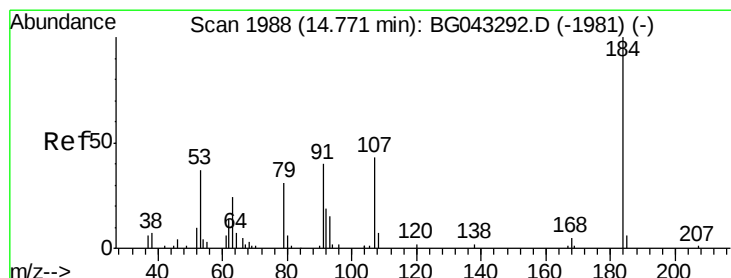
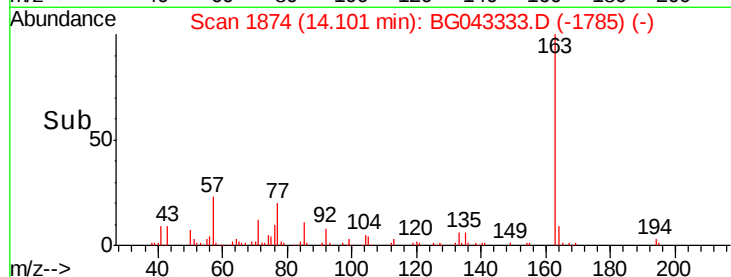
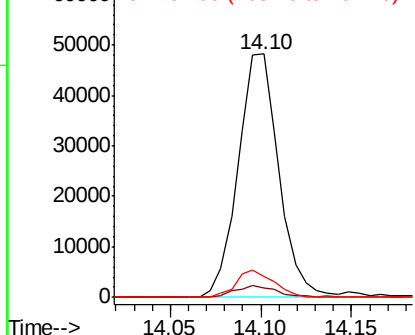
#50
Dimethylphthalate
Concen: 7.836 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 75157
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 8.8 8.1 12.1

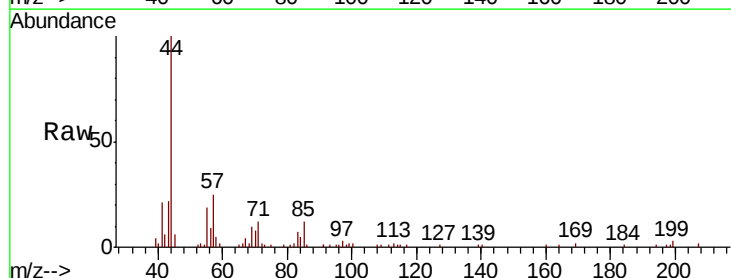


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

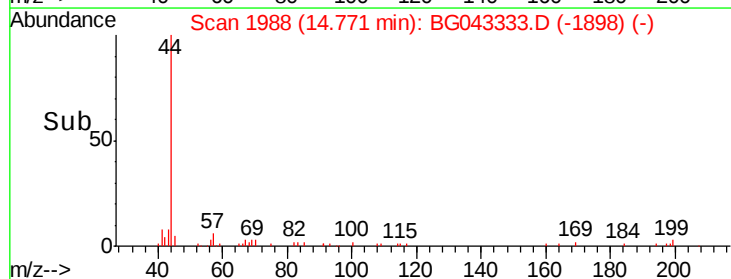
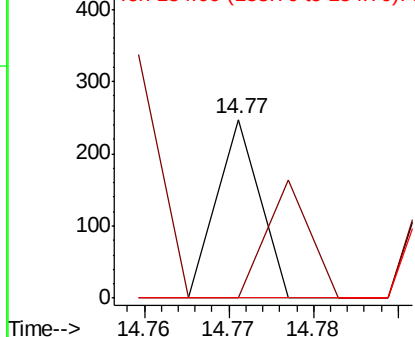


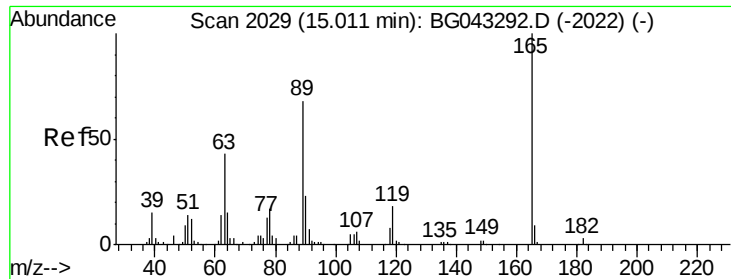
#54
2,4-Dinitrophenol
Concen: 7.343 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 48.8 73.2#
154 0.0 49.4 74.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

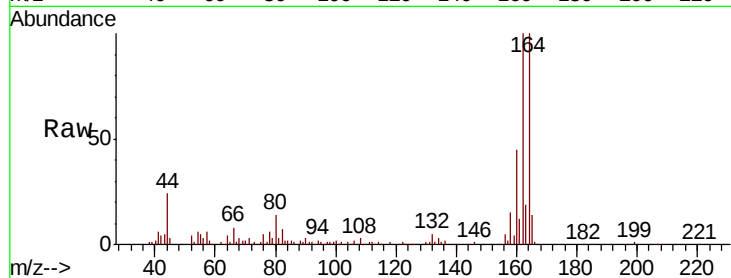




#57
 2,4-Dinitrotoluene
 Concen: 5.541 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	35.0	52.6#
89	4.4	54.1	81.1#
182	1.9	2.2	3.2#

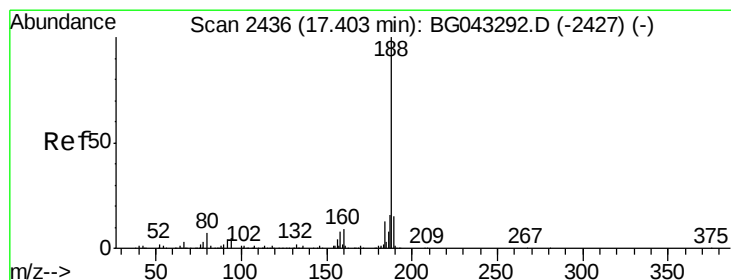
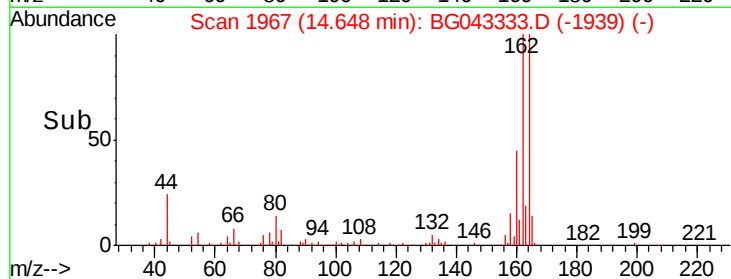
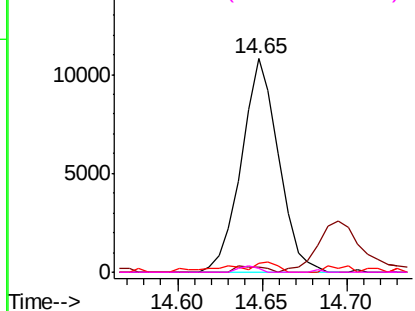


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

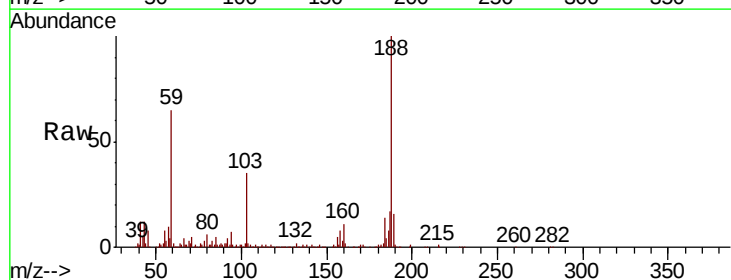
Ion 89.00 (88.70 to 89.70): BGC

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: BG043333.D
 Acq: 24 Oct 2019 16:15

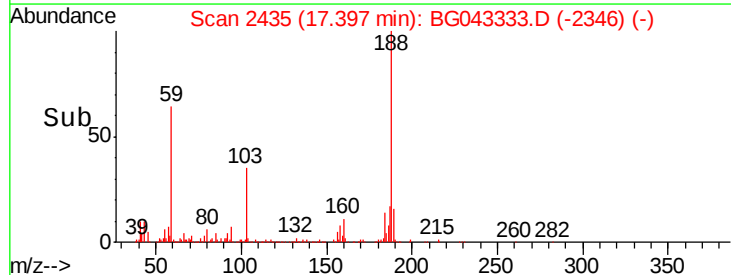
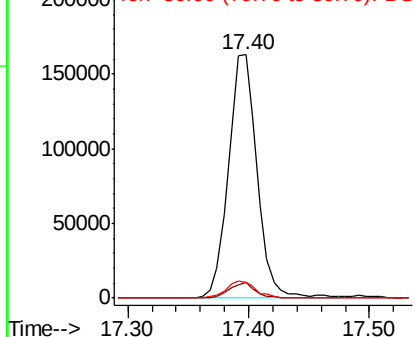
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.2	6.2#
80	6.3	5.2	7.8

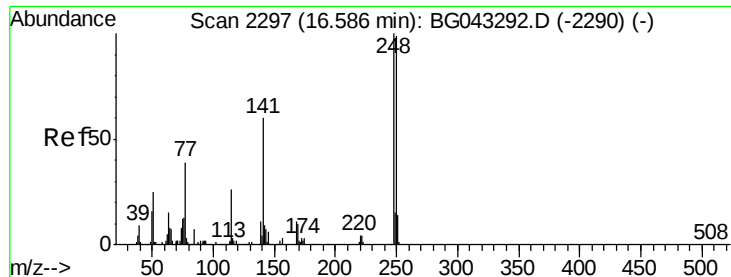


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

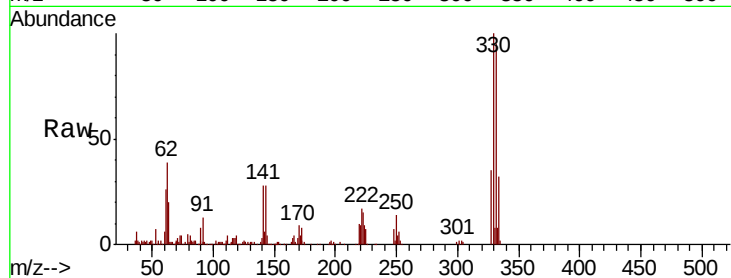




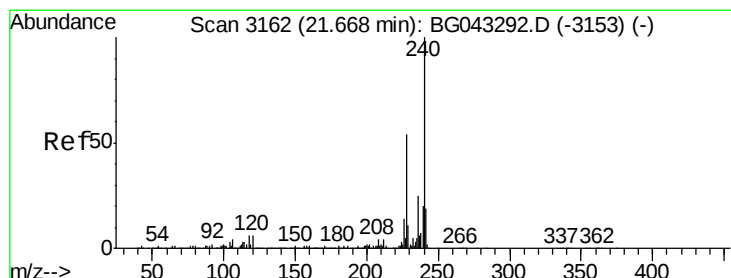
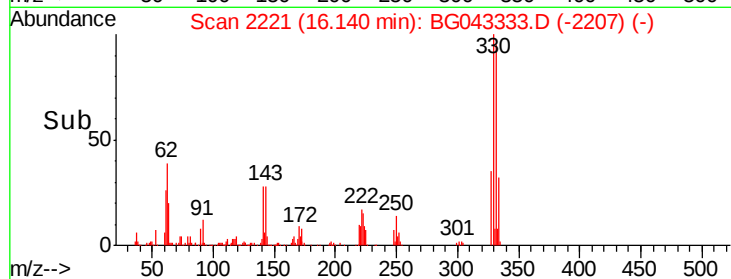
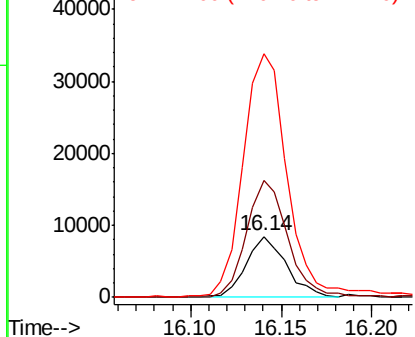
#67
 4-Bromophenyl-phenylether
 Concen: 3.611 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13054
 Ion Ratio Lower Upper
 248 100
 250 192.2 79.3 118.9#
 141 401.2 47.9 71.9#

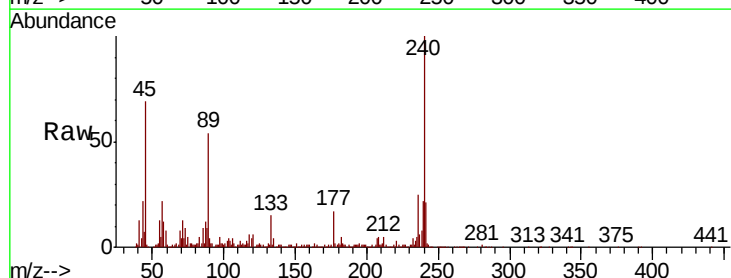


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

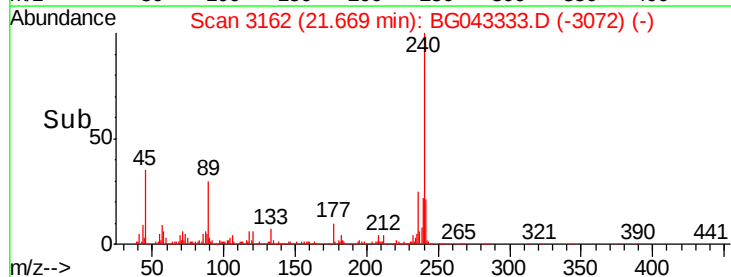
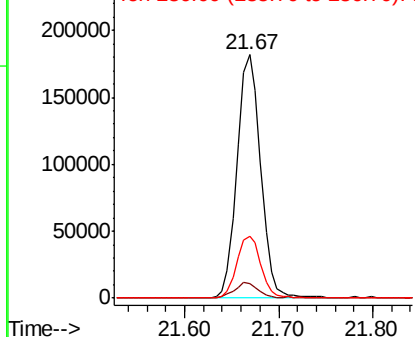


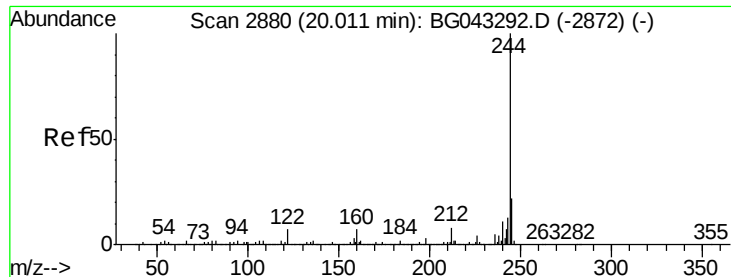
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. 0.00 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Tgt Ion:240 Resp: 318081
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.6 7.0
 236 25.4 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: 85.043 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

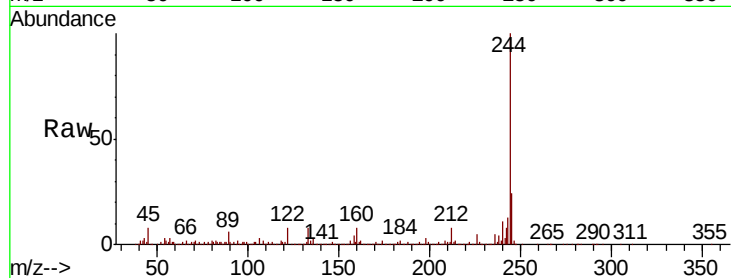
Tot Ion:244 Resp: 1441883

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

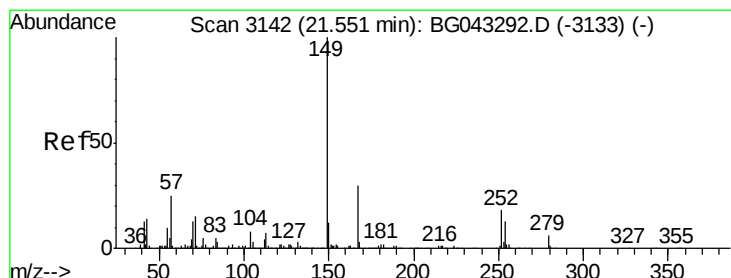
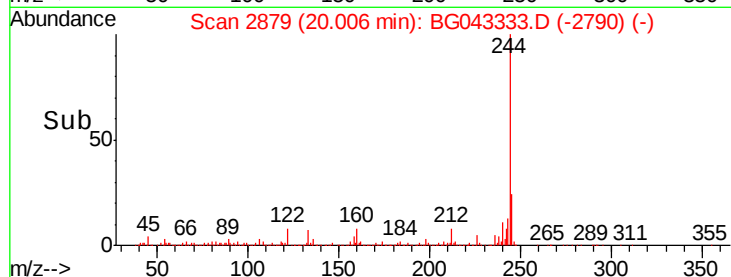
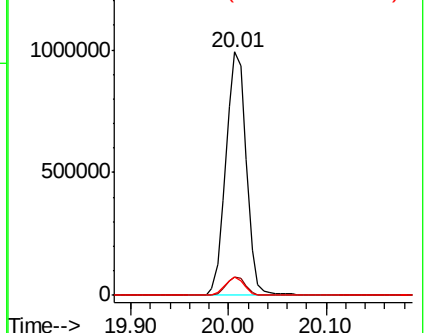
122 7.6 5.3 7.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.404 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

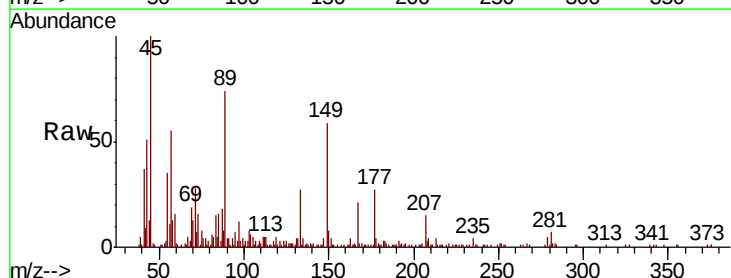
Tgt Ion:149 Resp: 25478

Ion Ratio Lower Upper

149 100

167 35.6 23.9 35.9

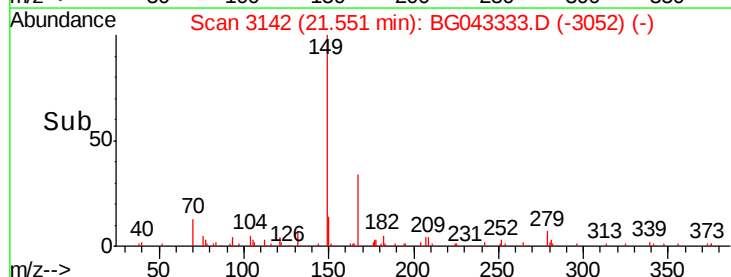
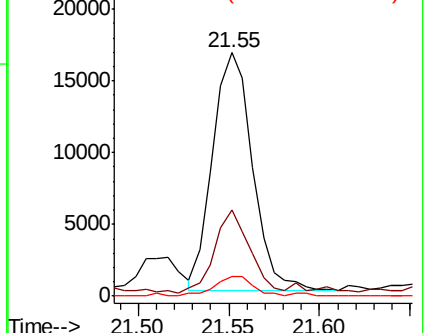
279 8.0 4.8 7.2#

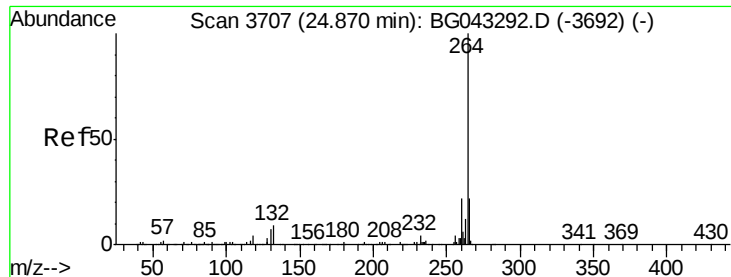


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3707
 Delta R.T. 0.00 min
 Lab File: BG043333.D
 Acq: 24 Oct 2019 16:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.8	17.9	26.9	
265	21.0	17.4	26.2	

