

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043573.D
 Acq On : 8 Nov 2019 17:23
 Operator : JU
 Sample : K5746-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 11 00:32:52 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

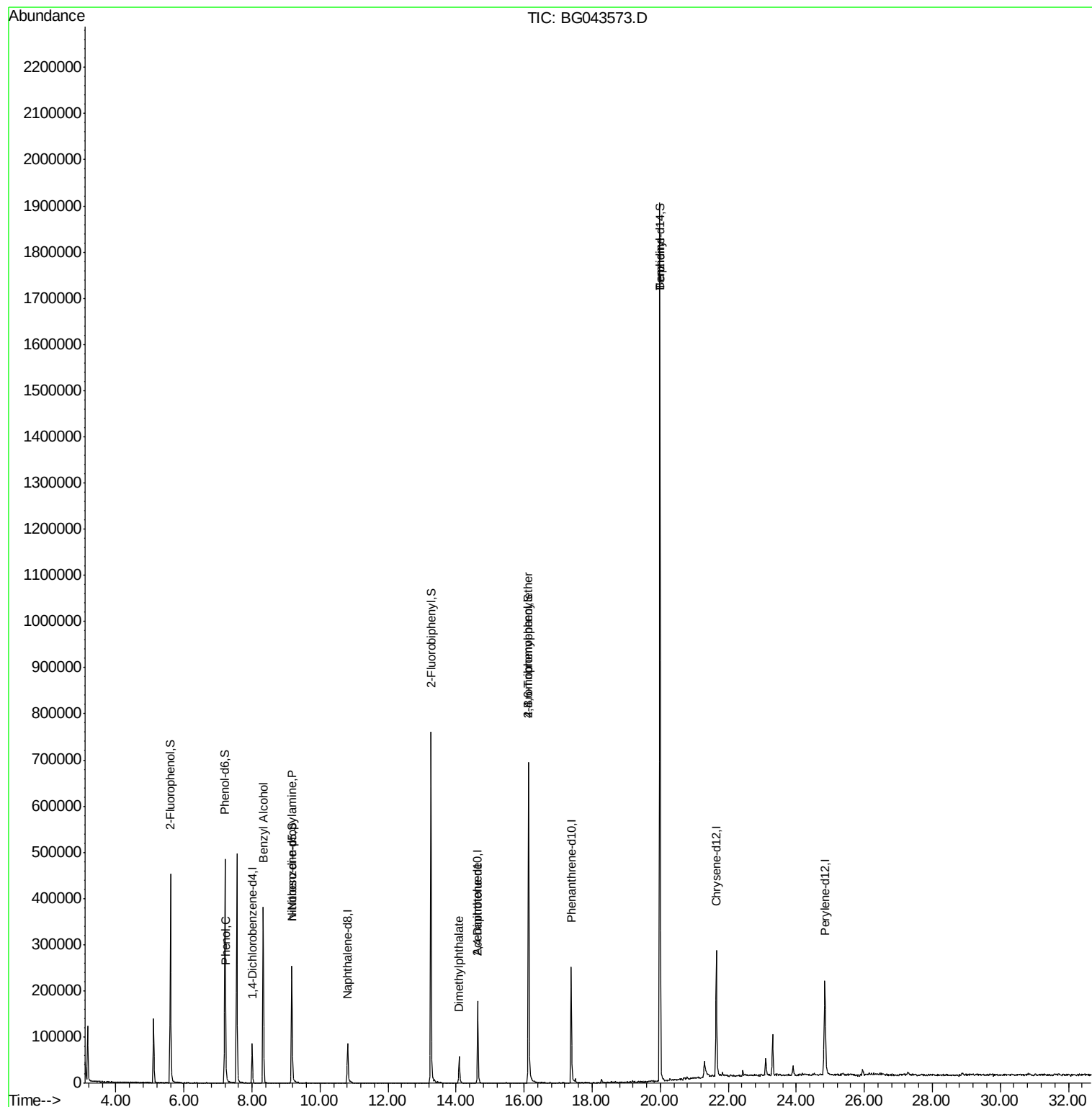
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25544	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	95970	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	73154	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197735	20.00	ng	0.00
76) Chrysene-d12	21.65	240	199548	20.00	ng	0.00
87) Perylene-d12	24.84	264	232380	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211738	151.89	ng	0.00
7) Phenol-d6	7.21	99	295346	147.26	ng	0.00
23) Nitrobenzene-d5	9.17	82	171892	92.34	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	182155	130.85	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	455707	86.08	ng	0.00
79) Terphenyl-d14	19.99	244	1036375	97.44	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6631	3.618	ng	86
15) Benzyl Alcohol	8.33	79	3698	2.625	ng	# 37
19) n-Nitroso-di-n-propylamine	9.17	70	23769	18.340	ng	# 83
50) Dimethylphthalate	14.09	163	50875	8.979	ng	99
57) 2,4-Dinitrotoluene	14.63	165	9631	5.475	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	11836	4.448	ng	# 1
77) Benzidine	19.99	184	14480	3.606	ng	# 83

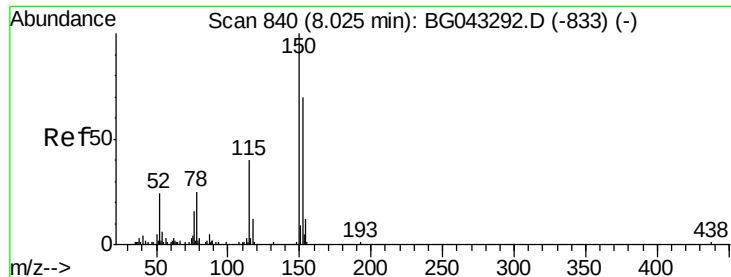
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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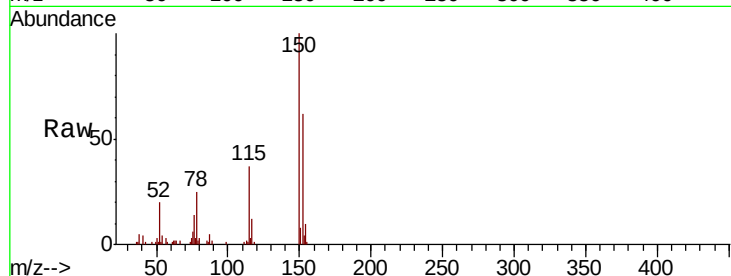


#1

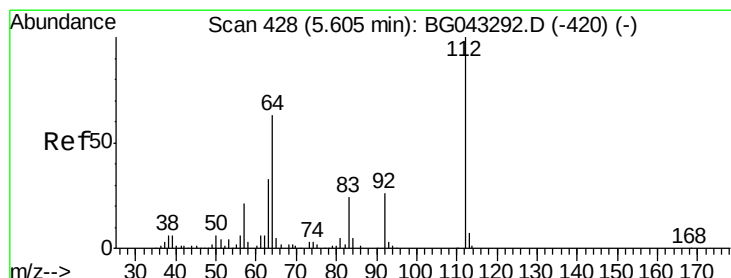
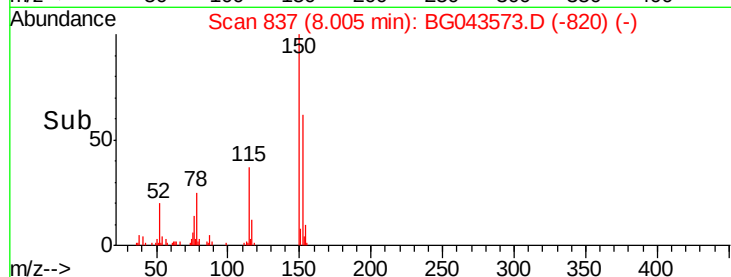
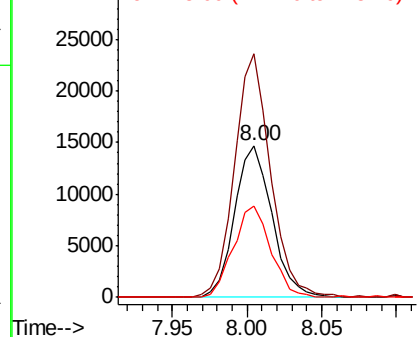
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tot Ion:152 Resp: 25544
Ion Ratio Lower Upper
152 100
150 160.6 129.4 194.0
115 59.9 48.8 73.2



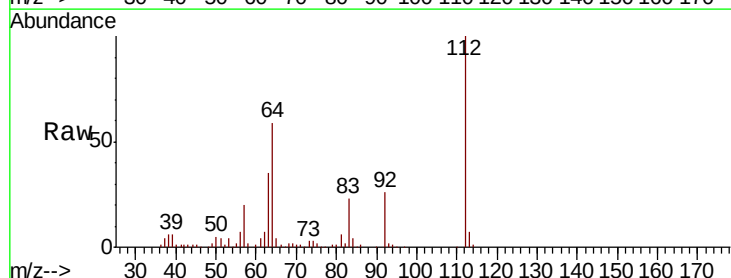
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



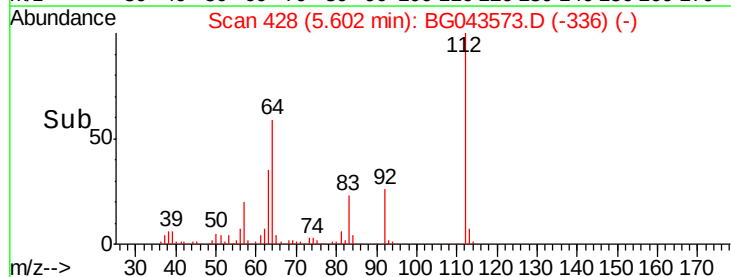
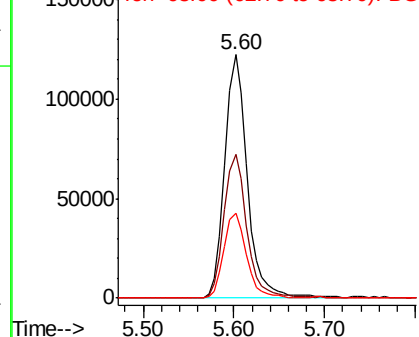
#5

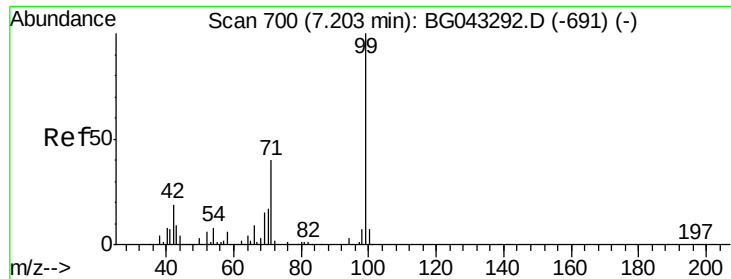
2-Fluorophenol
Concen: 151.894 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:112 Resp: 211738
Ion Ratio Lower Upper
112 100
64 58.9 50.0 75.0
63 34.7 26.6 40.0



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: 147.260 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

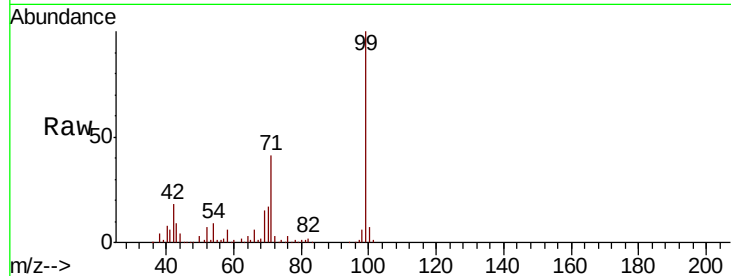
Tot Ion: 99 Resp: 295346

Ion Ratio Lower Upper

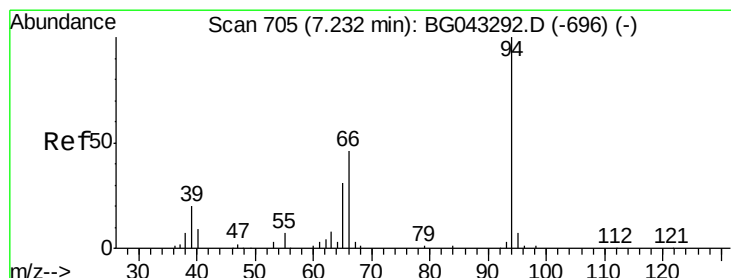
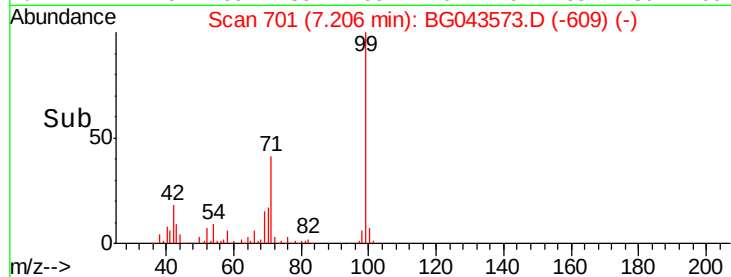
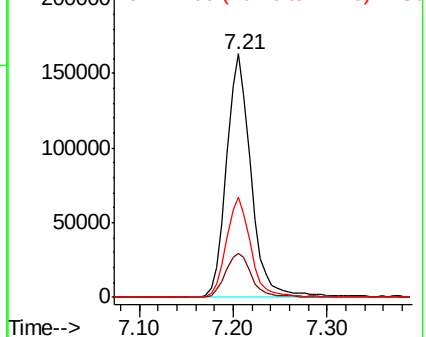
99 100

42 17.9 14.6 21.8

71 41.3 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: 3.618 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

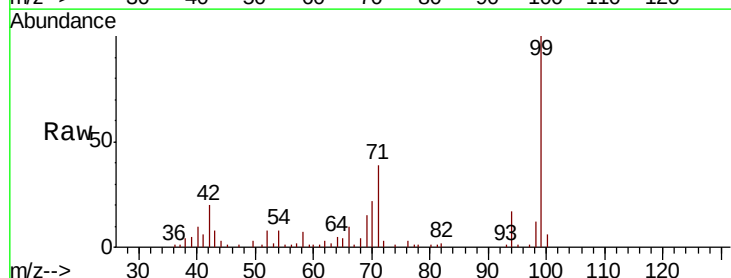
Tgt Ion: 94 Resp: 6631

Ion Ratio Lower Upper

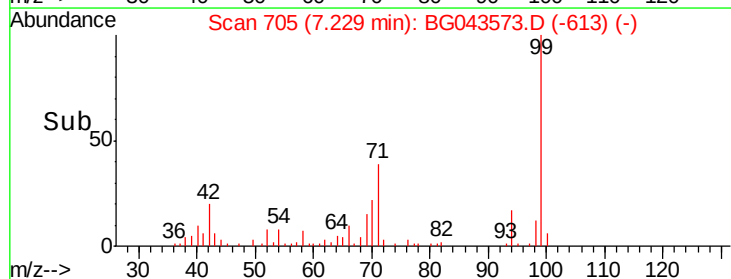
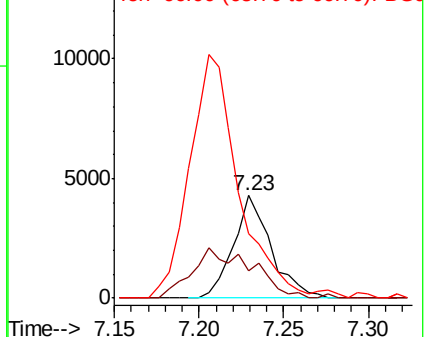
94 100

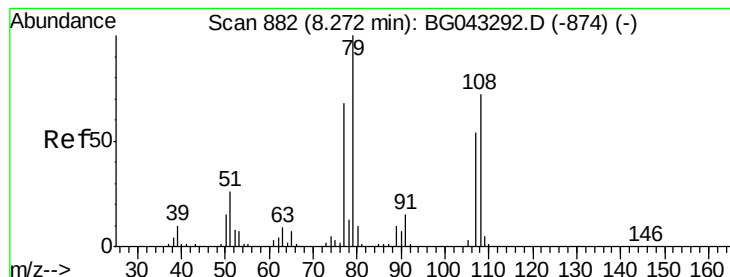
65 26.7 12.6 52.6

66 62.3 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: 2.625 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.07 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

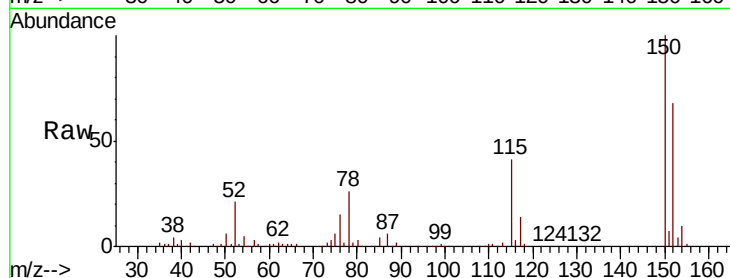
Tot Ion: 79 Resp: 3698

Ion Ratio Lower Upper

79 100

108 22.0 53.6 80.4#

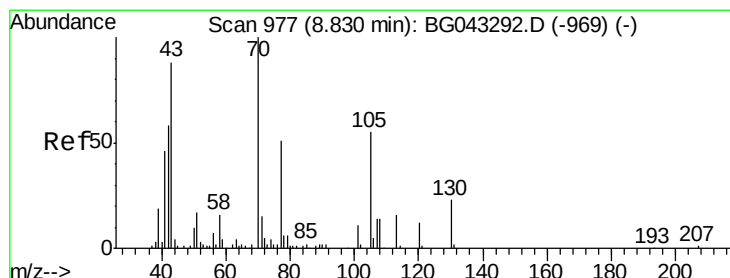
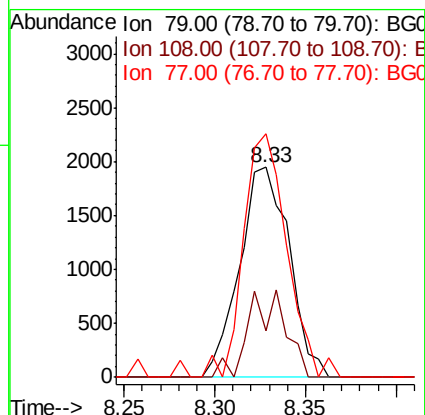
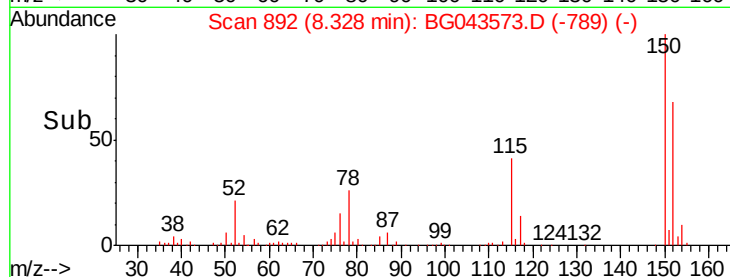
77 116.0 49.6 74.4#



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: 18.340 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Tgt Ion: 70 Resp: 23769

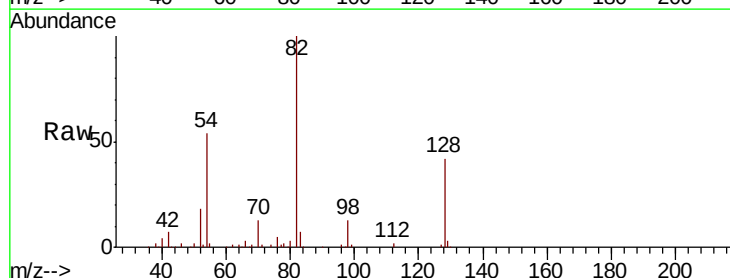
Ion Ratio Lower Upper

70 100

42 53.6 41.4 62.2

101 0.0 7.9 11.9#

130 1.7 19.0 28.4#

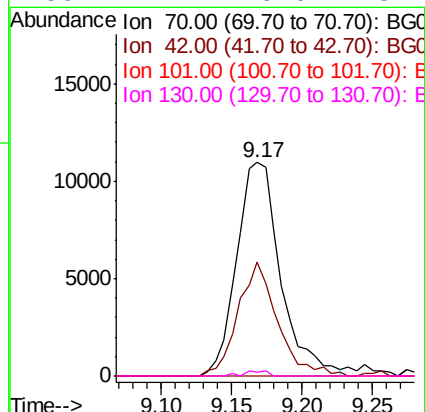
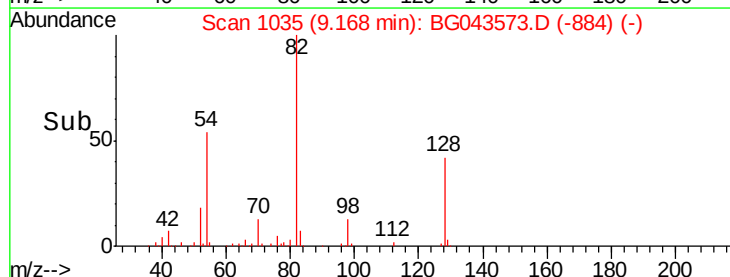


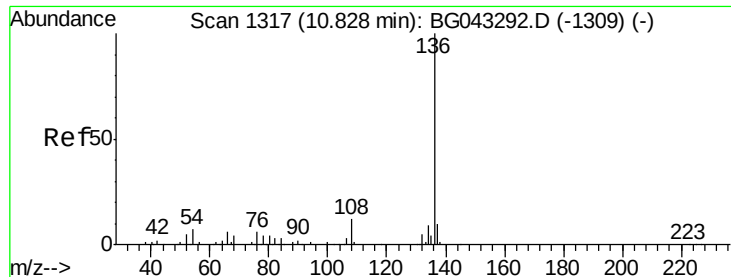
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

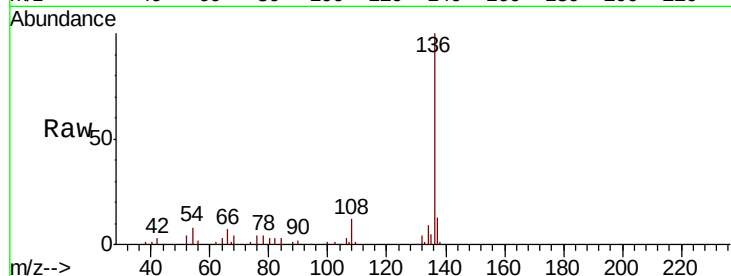




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tot Ion:136	Resp:	95970	
Ion Ratio	Lower	Upper	
136 100			
137 12.6	8.7	13.1	
54 7.7	5.4	8.2	
68 4.0	3.0	4.4	



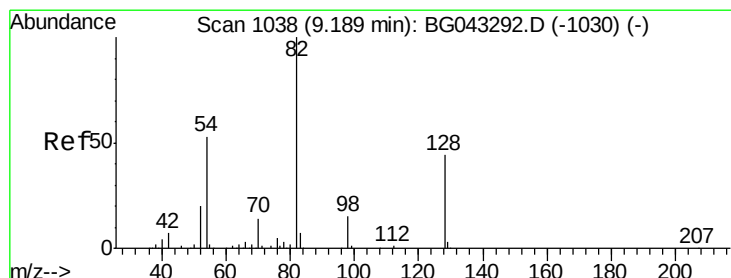
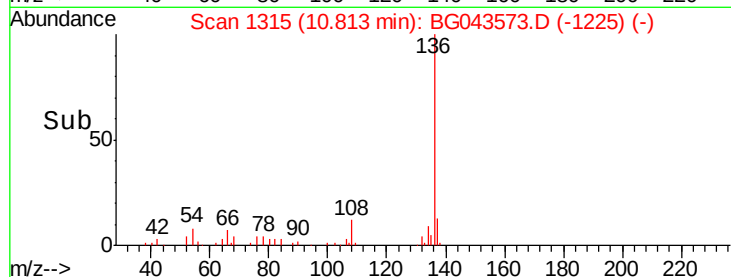
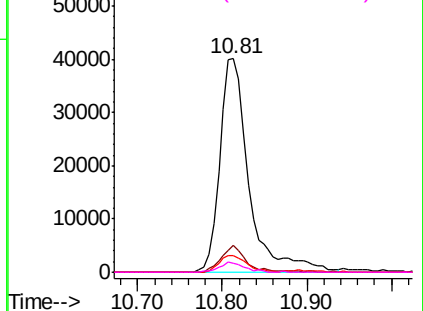
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

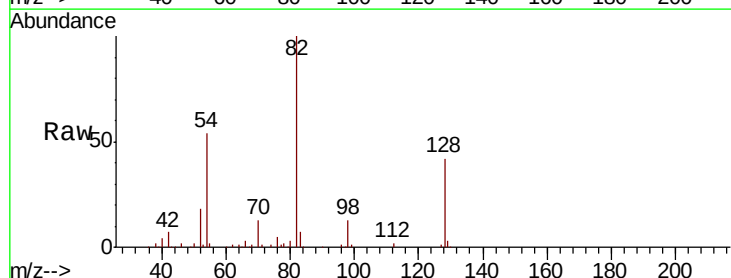
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 92.339 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion: 82	Resp: 171892
Ion Ratio	Lower Upper
82 100	
128 41.5	35.0 52.6
54 53.8	40.2 60.2

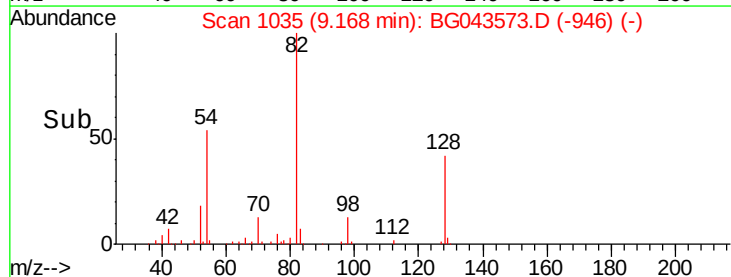
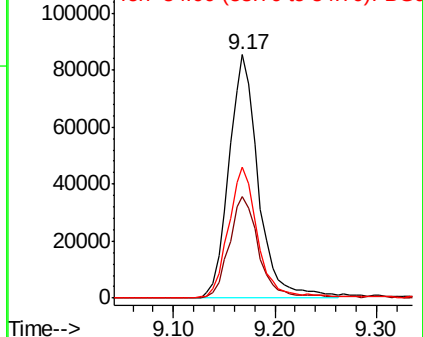


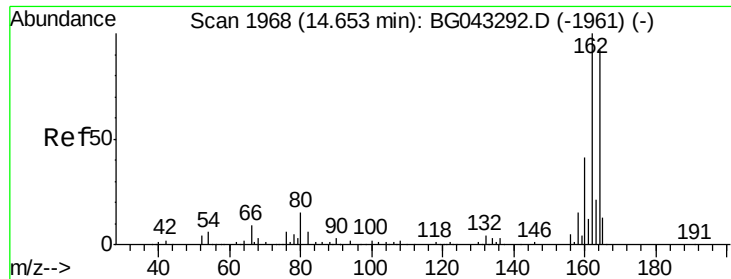
Abundance

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

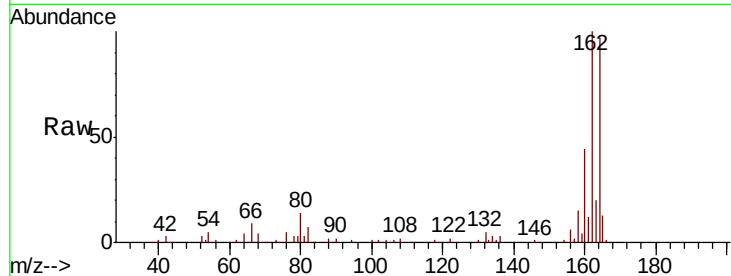




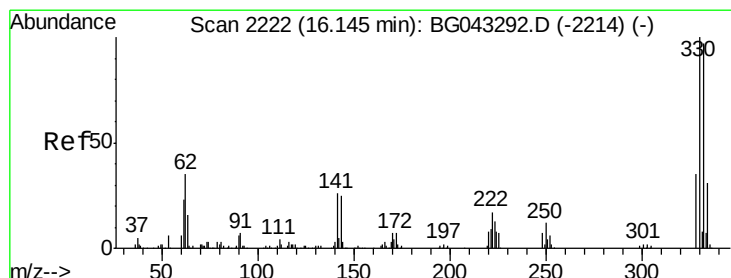
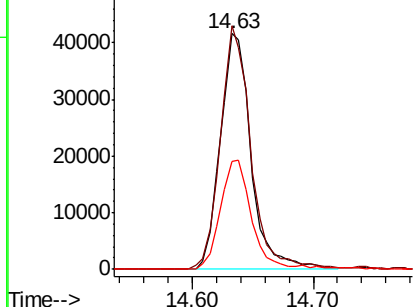
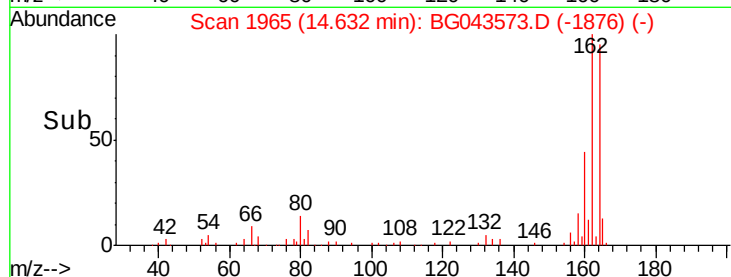
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion:164 Resp: 73154
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.5 125.3
 160 46.0 36.5 54.7

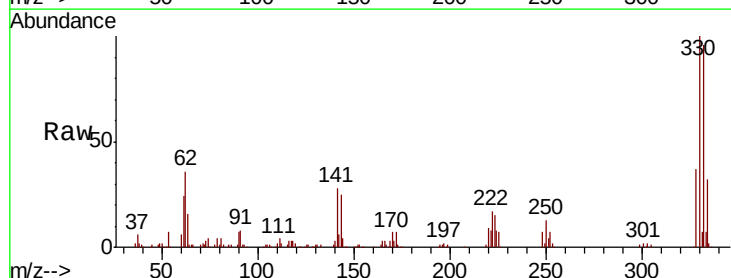


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

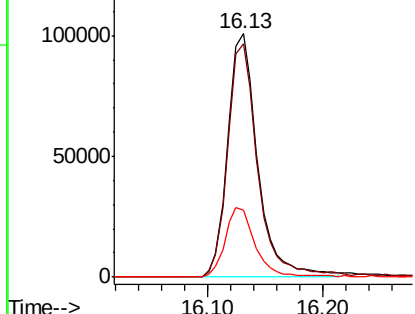
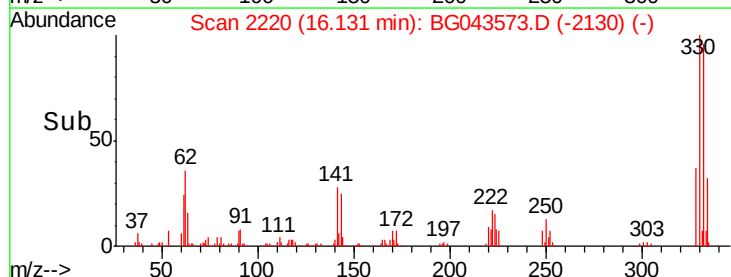


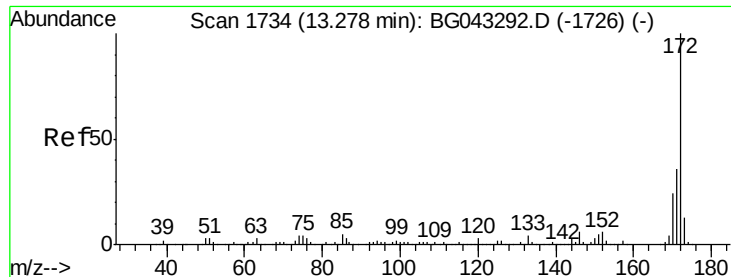
#42
 2,4,6-Tribromophenol
 Concen: 130.847 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion:330 Resp: 182155
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 29.1 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

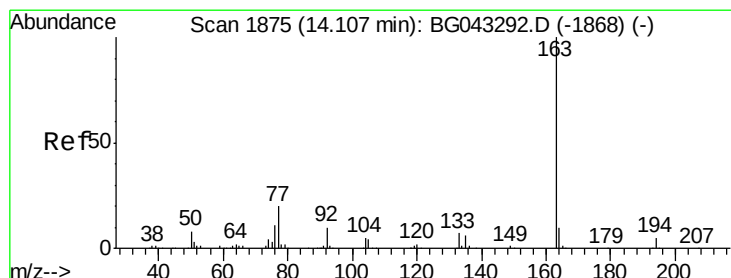
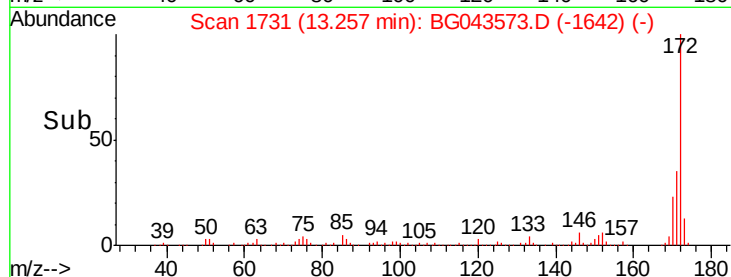
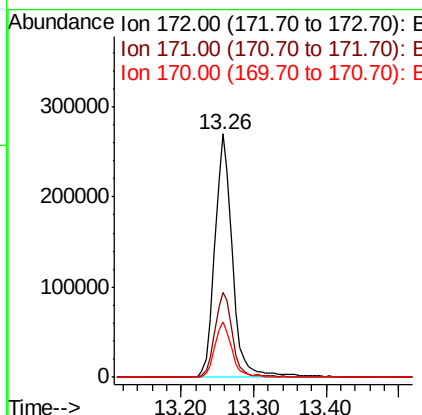
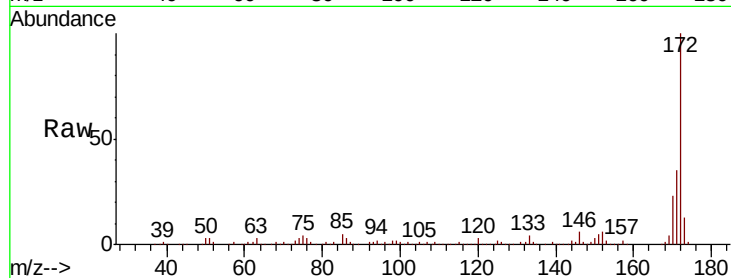




#45
2-Fluorobiphenyl
Concen: 86.078 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

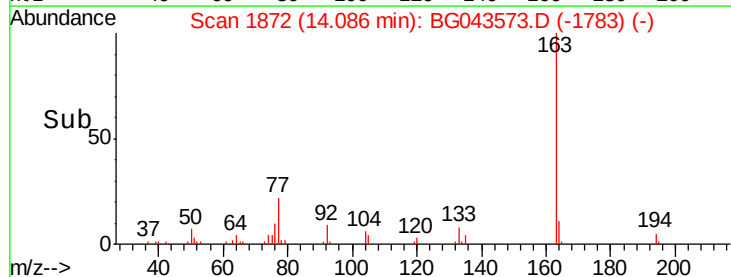
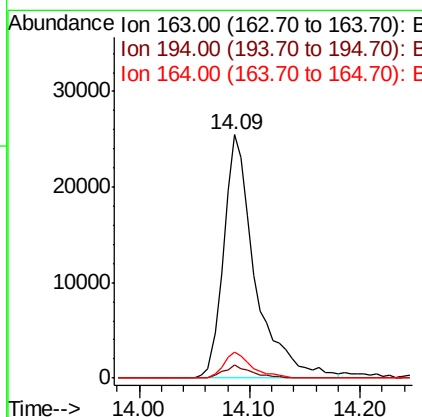
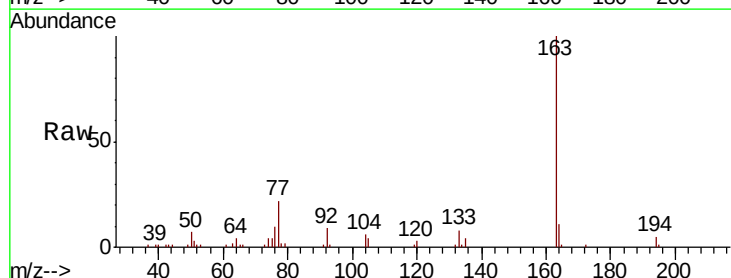
Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

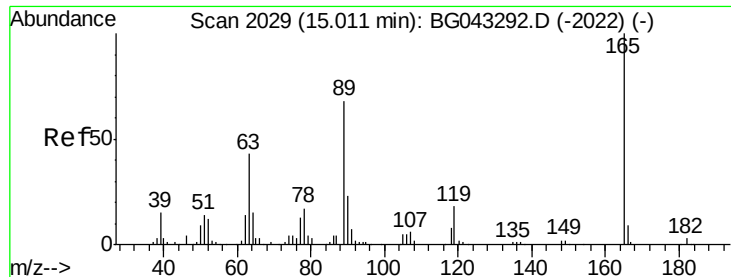
Tot Ion:172 Resp: 455707
Ion Ratio Lower Upper
172 100
171 34.8 28.9 43.3
170 22.5 18.5 27.7



#50
Dimethylphthalate
Concen: 8.979 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:163 Resp: 50875
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 10.8 8.9 13.3

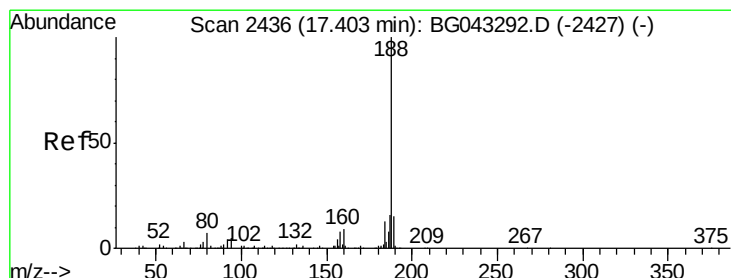
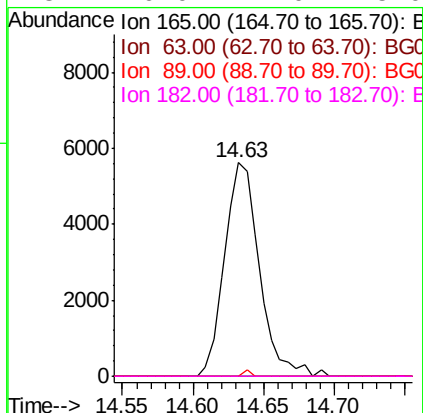
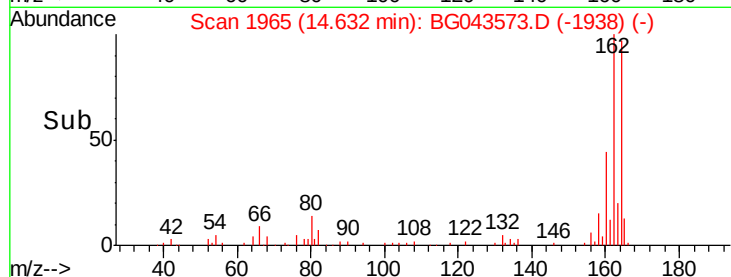
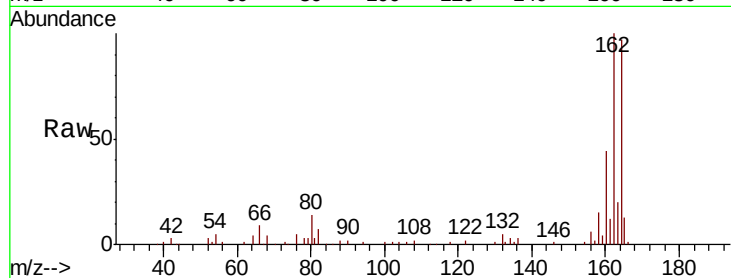




#57
 2,4-Dinitrotoluene
 Concen: 5.475 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

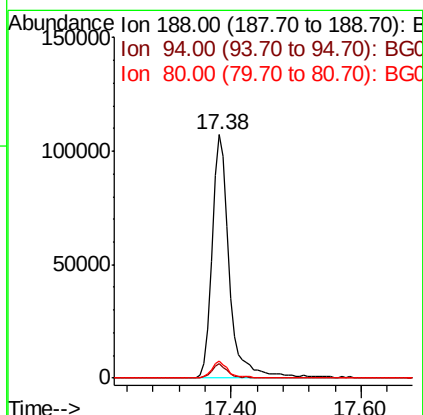
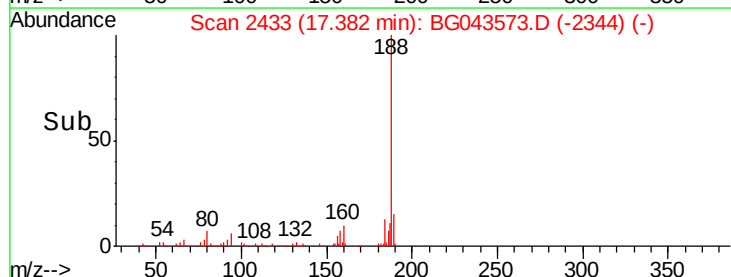
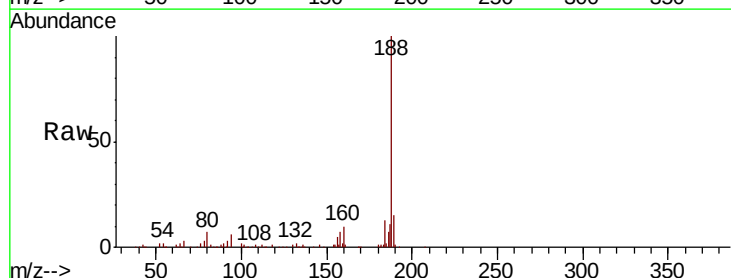
Instrument :
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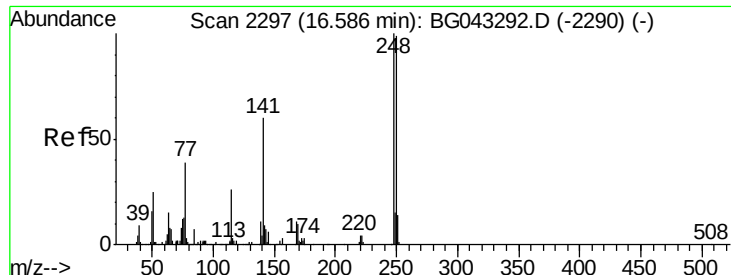
Tot Ion:165	Resp:	9631	
Ion Ratio	Lower	Upper	
165 100			
63 0.0	33.2	49.8#	
89 0.0	52.2	78.4#	
182 0.0	2.0	3.0#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion	188	Resp:	197735
Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	6.8	4.5	6.7#

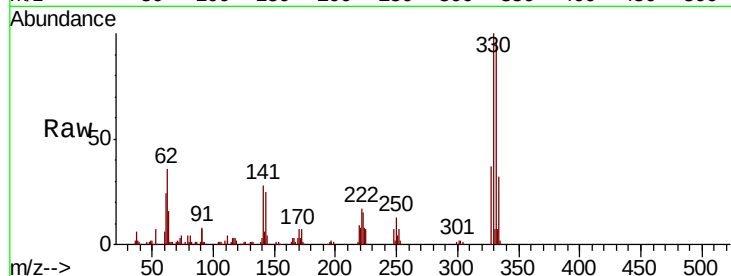




#67
 4-Bromophenyl-phenylether
 Concen: 4.448 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.44 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
248	100		
250	203.9	77.0	115.4#
141	419.7	47.5	71.3#

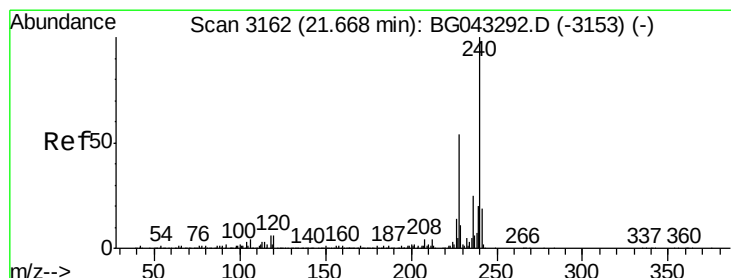
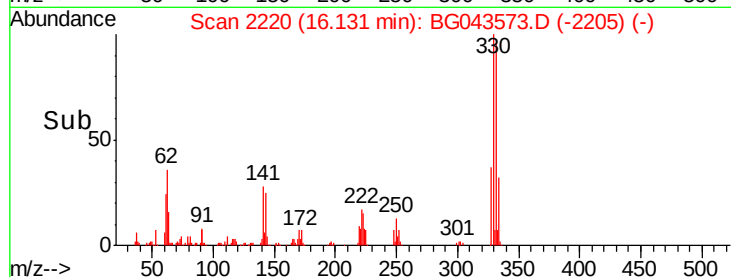
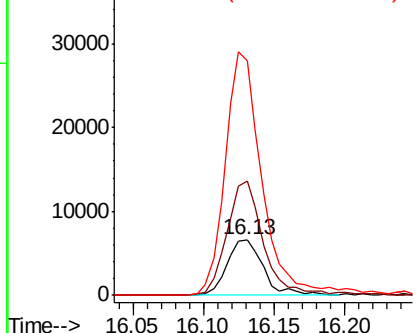


Abundance

Ion 248.00 (247.70 to 248.70): E

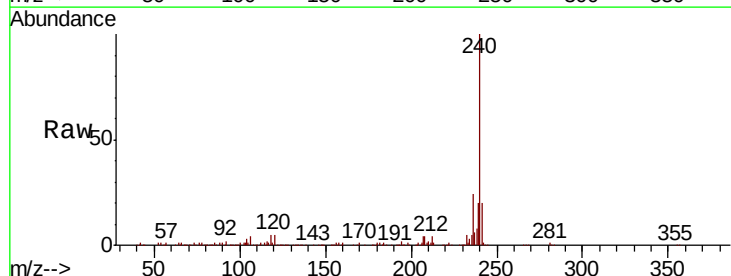
Ion 250.00 (249.70 to 250.70): E

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: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	24.4	19.8	29.8

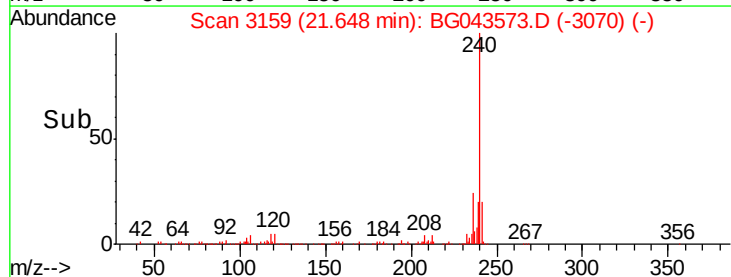
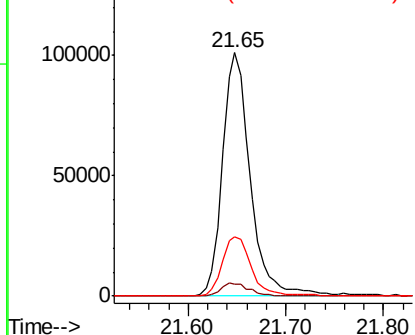


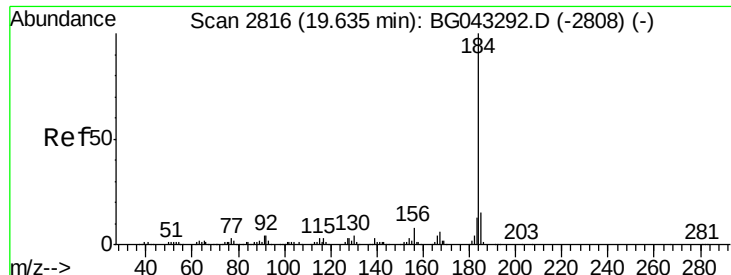
Abundance

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: 3.606 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

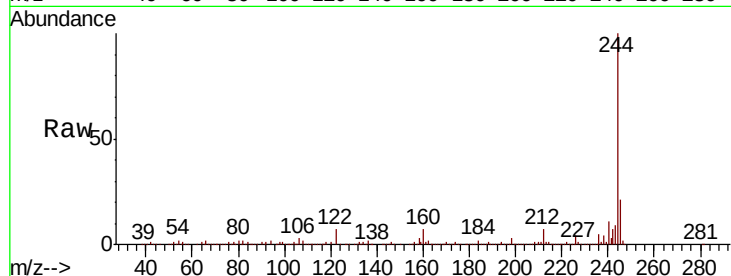
Tot Ion:184 Resp: 14480

Ion Ratio Lower Upper

184 100

185 15.0 11.0 16.4

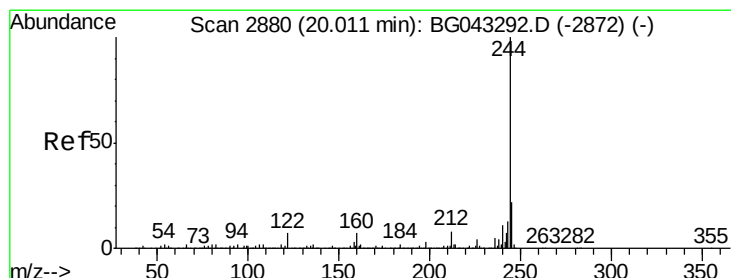
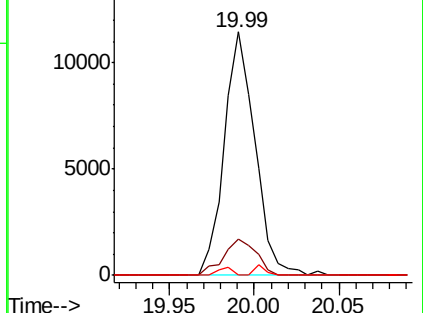
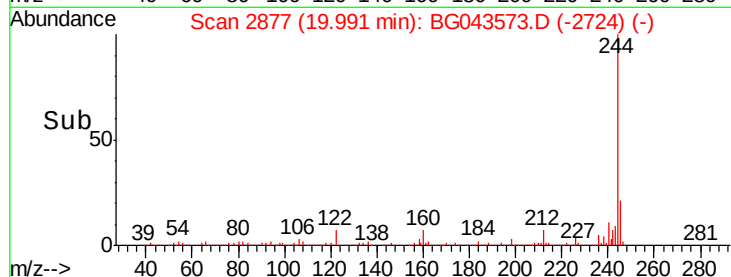
183 0.0 10.0 15.0#



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: 97.435 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

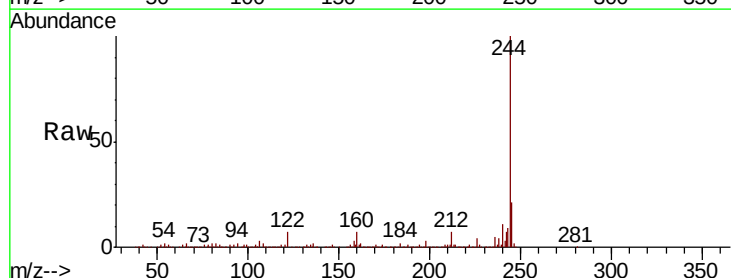
Tgt Ion:244 Resp: 1036375

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

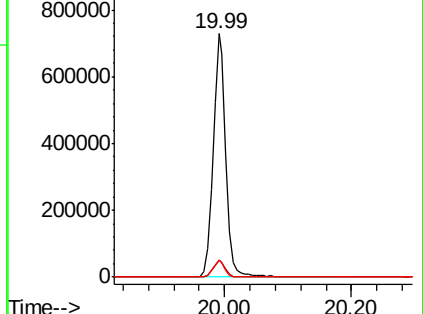
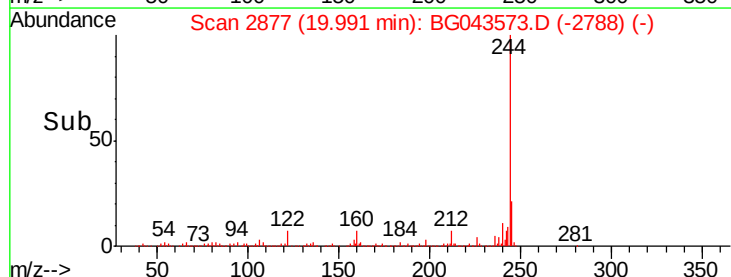
122 7.0 5.4 8.2

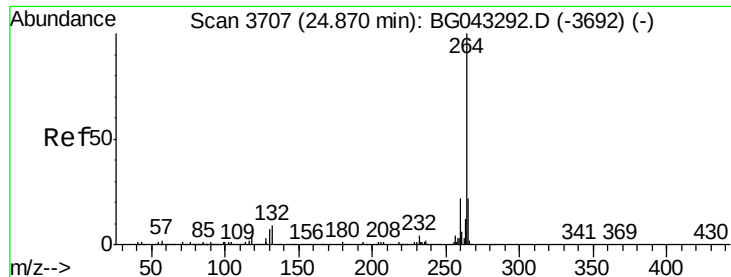


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion:	264	Resp:	232380
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	22.3	17.4	26.0

