

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045625.D
 Acq On : 5 Jun 2020 20:53
 Operator : CG/JU
 Sample : L2903-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

Quant Time: Jun 06 01:18:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

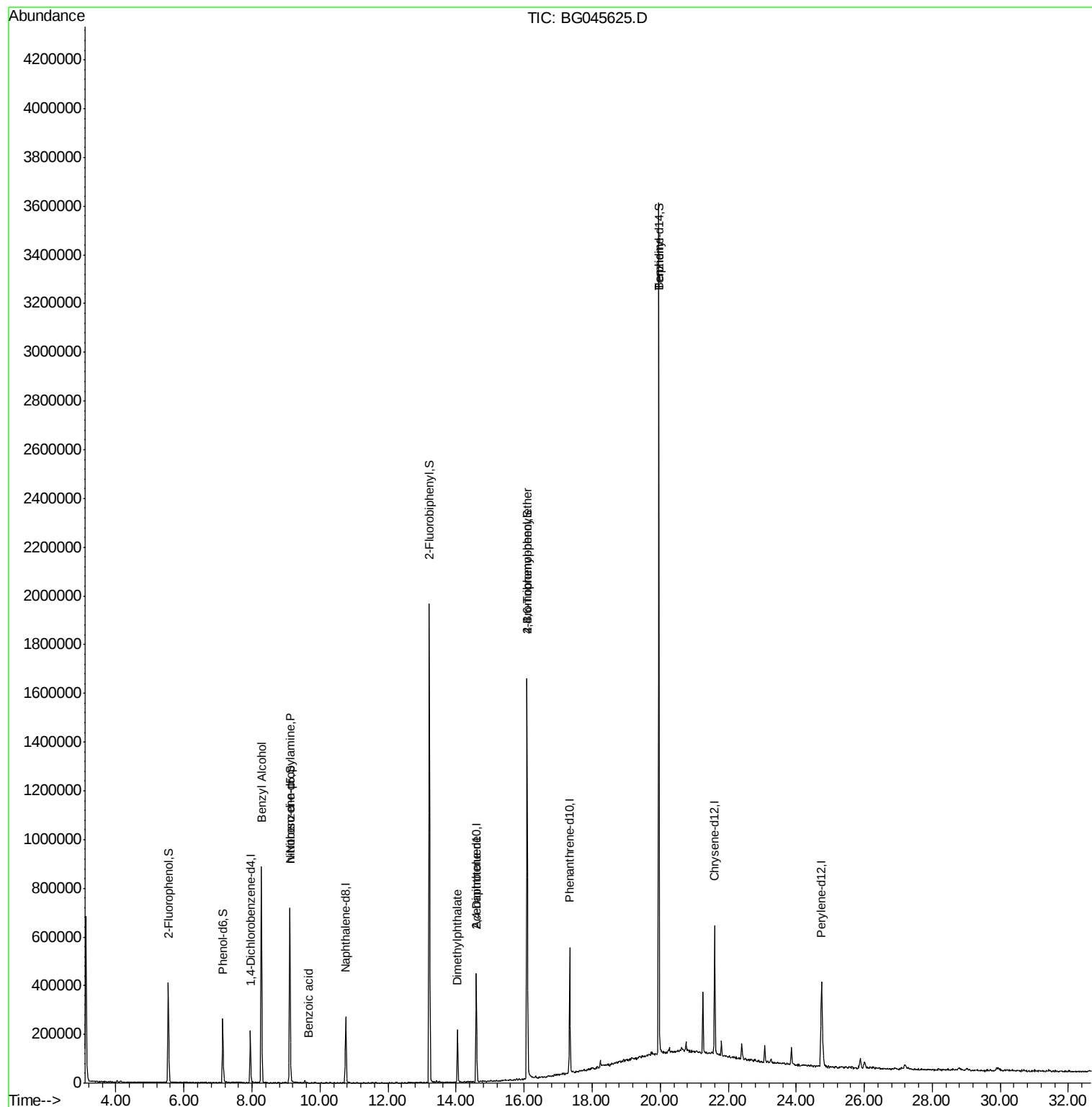
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65446	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	248802	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	165678	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	354912	20.00	ng	0.00
76) Chrysene-d12	21.60	240	356725	20.00	ng	0.00
87) Perylene-d12	24.75	264	384916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	213666	63.80	ng	0.00
7) Phenol-d6	7.14	99	180648	37.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	512361	112.30	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	337595	159.33	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1079416	110.51	ng	0.00
79) Terphenyl-d14	19.96	244	1667299	109.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	8199	2.082	ng	# 49
19) n-Nitroso-di-n-propylamine	9.11	70	73161	22.197	ng	# 77
32) Benzoic acid	9.66	122	54	10.043	ng	# 1
50) Dimethylphthalate	14.04	163	148060	13.027	ng	99
57) 2,4-Dinitrotoluene	14.60	165	21840	5.880	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	21728	5.654	ng	# 1
77) Benzidine	19.96	184	33838	3.377	ng	# 92

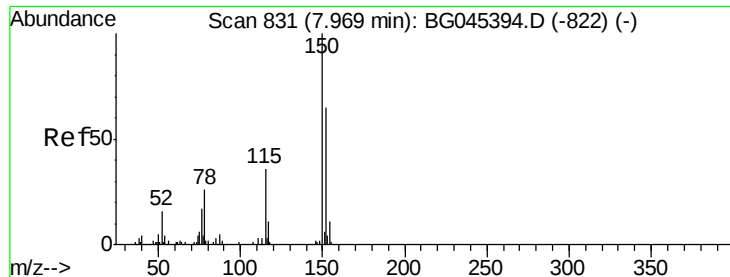
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



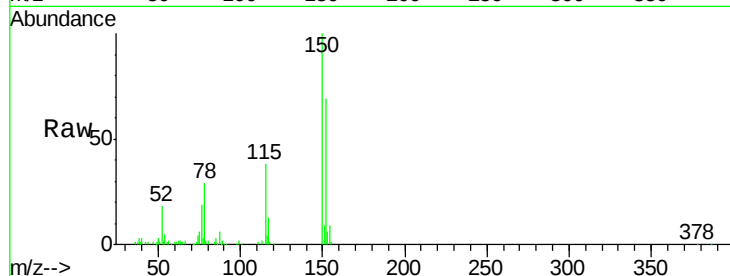


#1

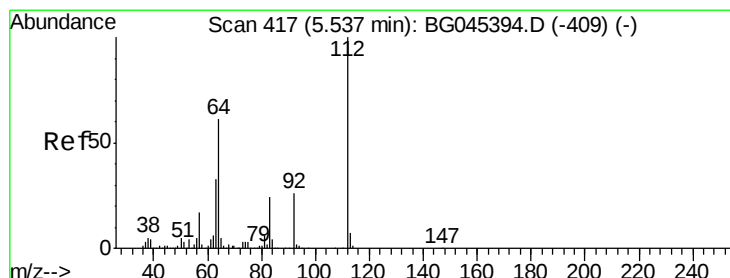
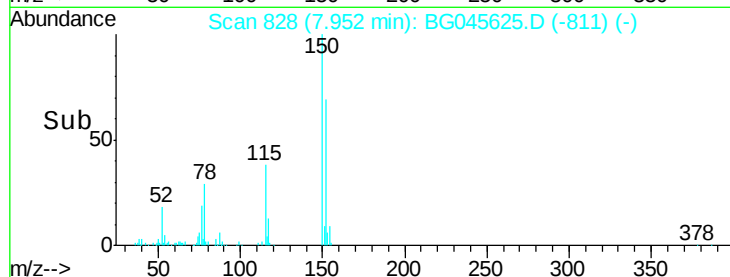
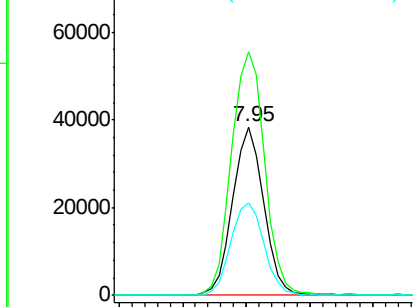
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Instrument :
BNA_G
ClientSampleId :
DRW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	122.4	183.6
115	54.8	44.2	66.4



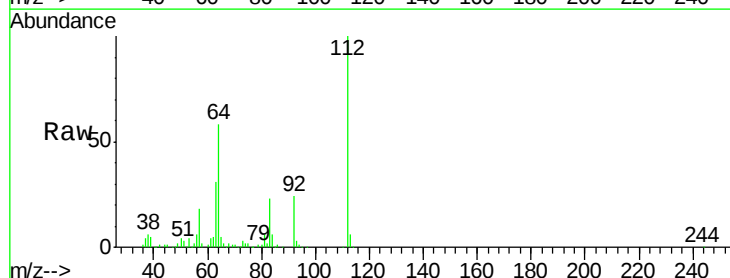
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



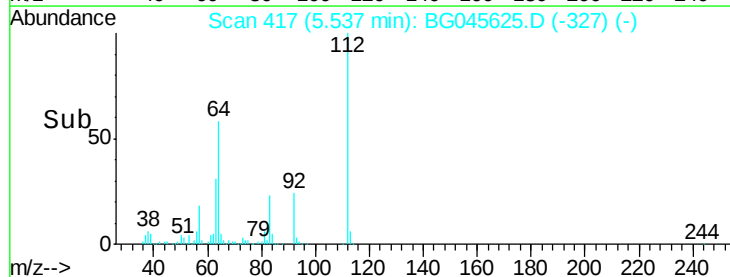
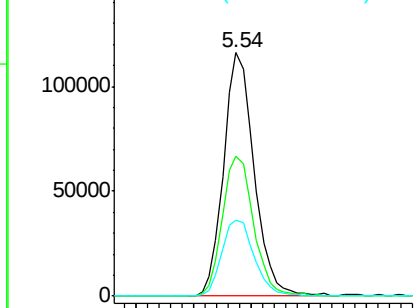
#5

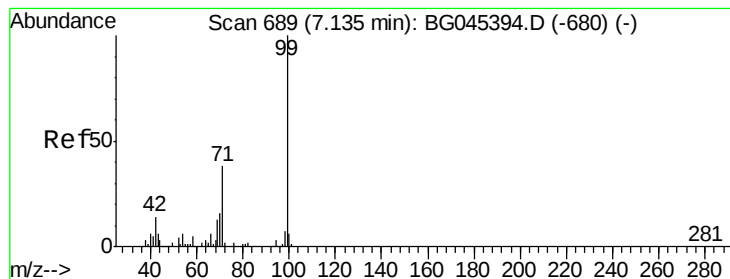
2-Fluorophenol
Concen: 63.803 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.6	72.8
63	31.3	26.5	39.7



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: 37.900 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

Instrument :

BNA_G

ClientSampleId :

DRW-2

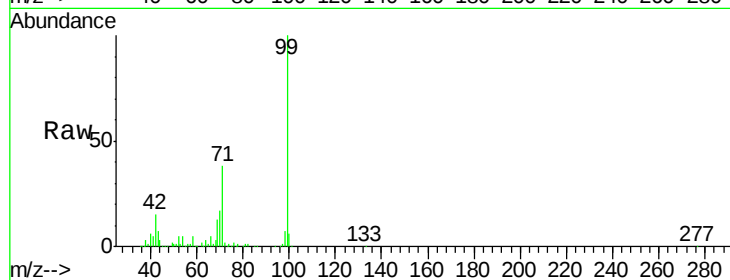
Tot Ion: 99 Resp: 180648

Ion Ratio Lower Upper

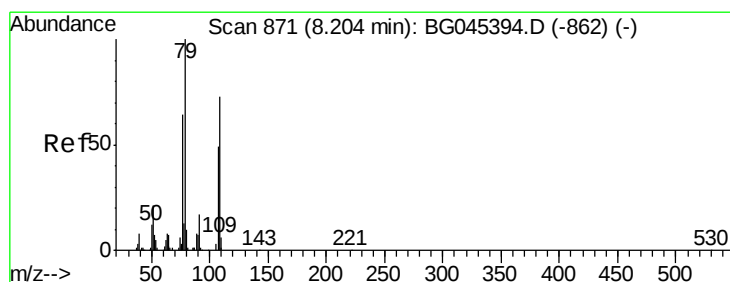
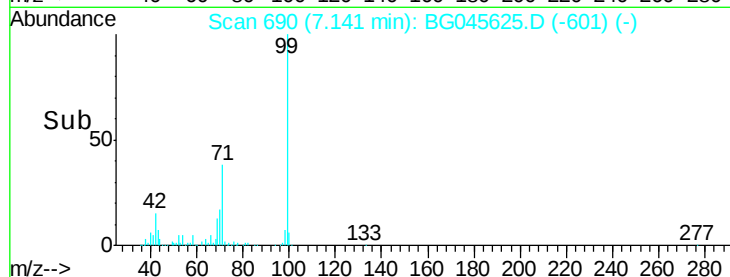
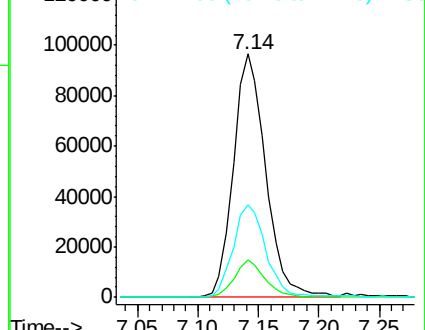
99 100

42 15.5 11.3 16.9

71 38.2 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.082 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

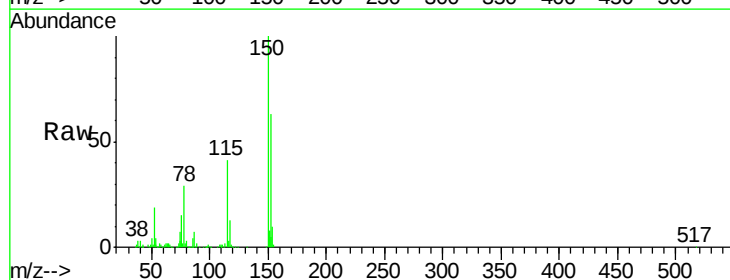
Tgt Ion: 79 Resp: 8199

Ion Ratio Lower Upper

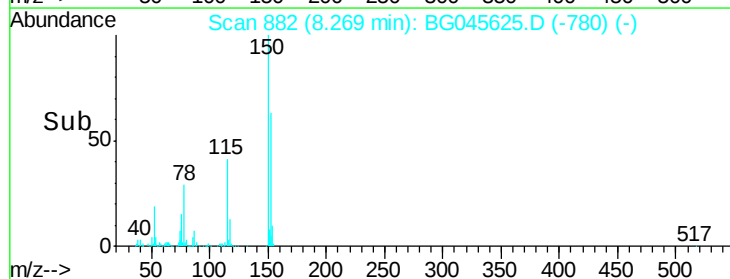
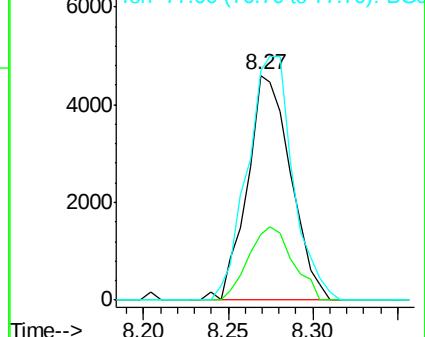
79 100

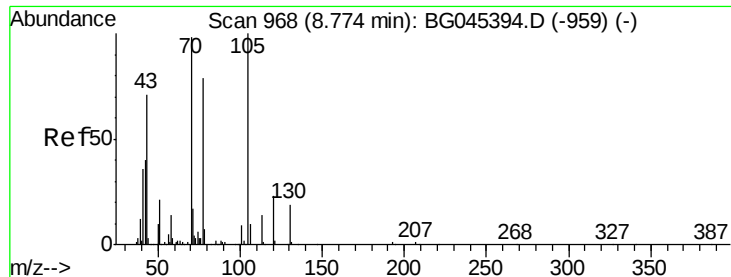
108 29.3 58.2 87.4#

77 102.4 51.0 76.4#



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

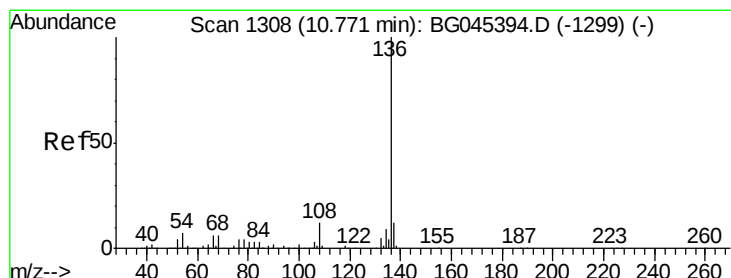
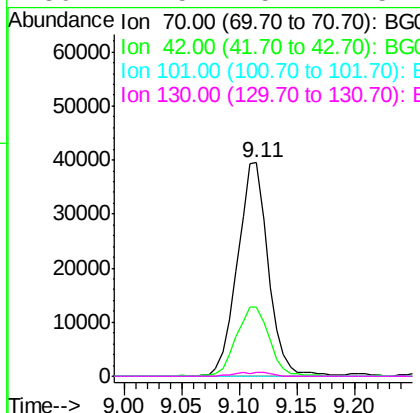
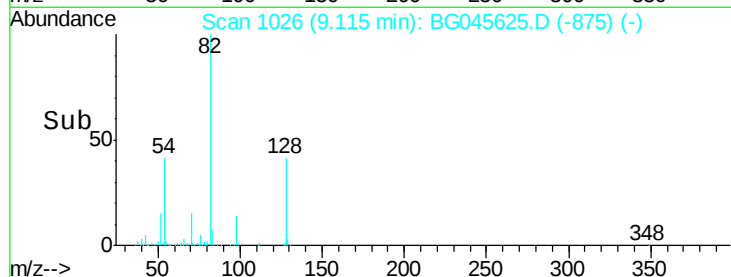
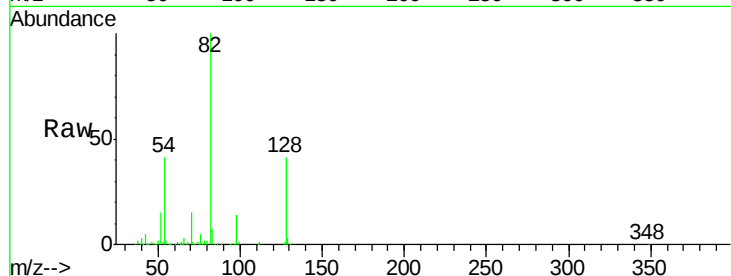




#19
n-Nitroso-di-n-propylamine
Concen: 22.197 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

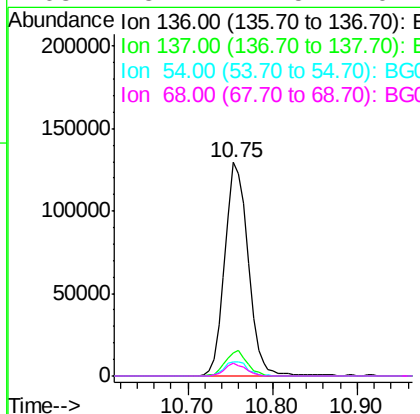
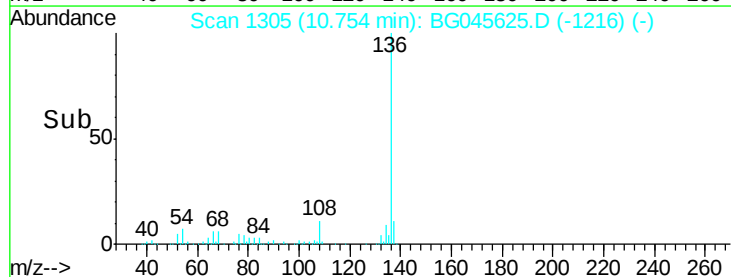
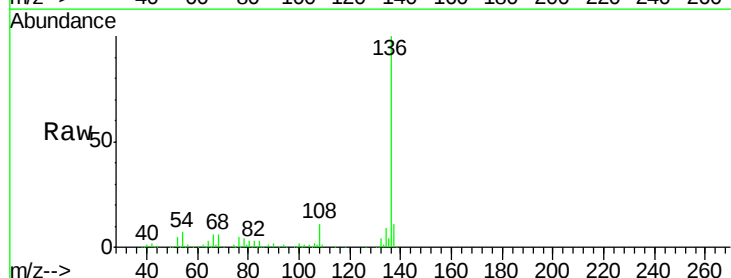
Instrument :
BNA_G
ClientSampleId :
DRW-2

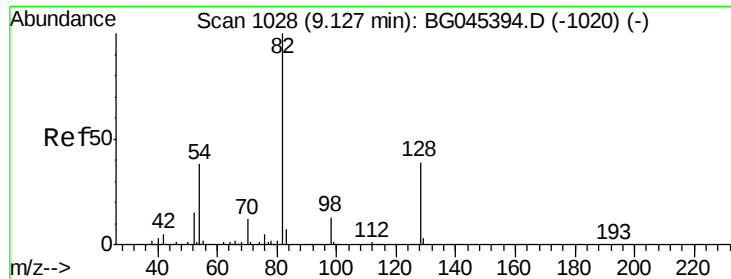
Tot Ion: 70 Resp: 73161
Ion Ratio Lower Upper
70 100
42 32.6 33.2 49.8#
101 0.0 7.8 11.6#
130 1.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Tgt Ion: 136 Resp: 248802
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 6.8 5.8 8.6
68 5.7 4.5 6.7

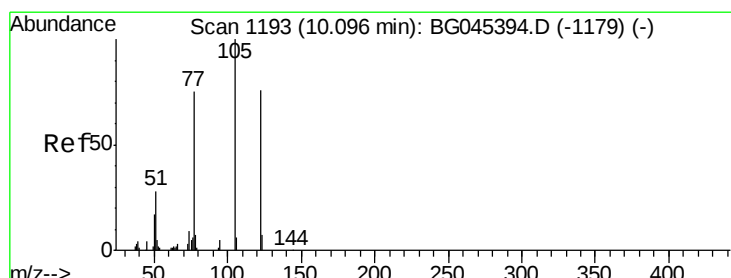
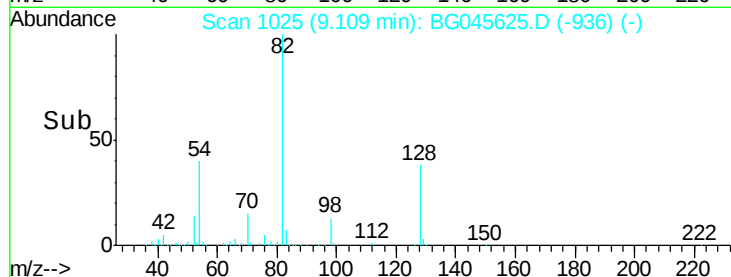
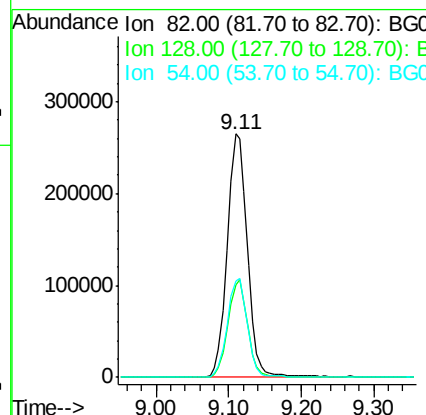
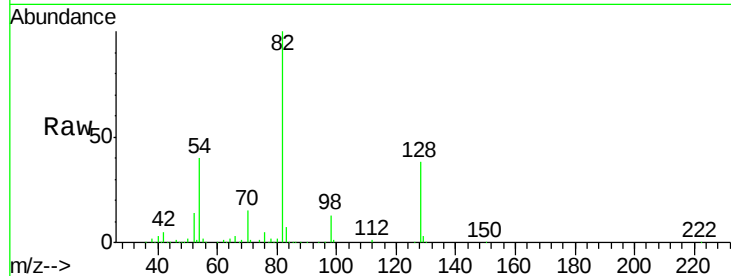




#23
 Nitrobenzene-d5
 Concen: 112.298 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045625.D
 Acq: 5 Jun 2020 20:53

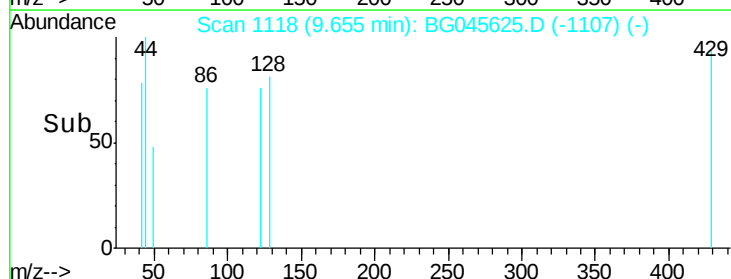
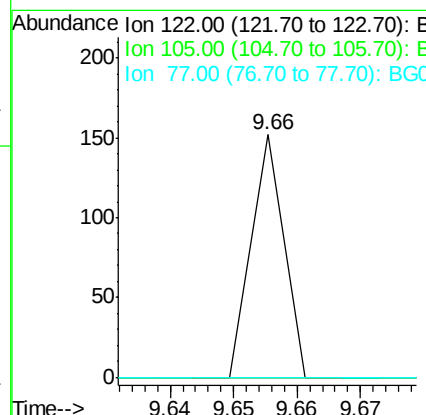
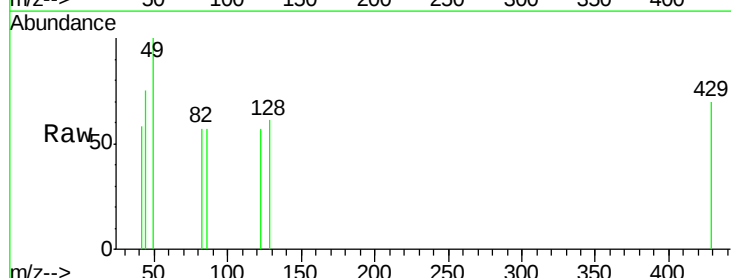
Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

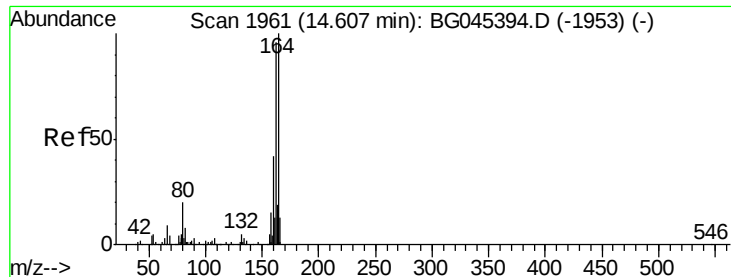
Tot Ion	82	Resp	512361
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.9	46.3
54	39.9	30.3	45.5



#32
 Benzoic acid
 Concen: 10.043 ng
 RT: 9.66 min Scan# 1118
 Delta R.T. -0.46 min
 Lab File: BG045625.D
 Acq: 5 Jun 2020 20:53

Tgt Ion	122	Resp	54
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

Instrument :

BNA_G

ClientSampleId :

DRW-2

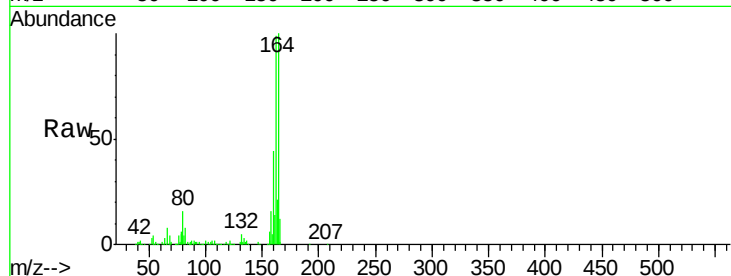
Tot Ion:164 Resp: 165678

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

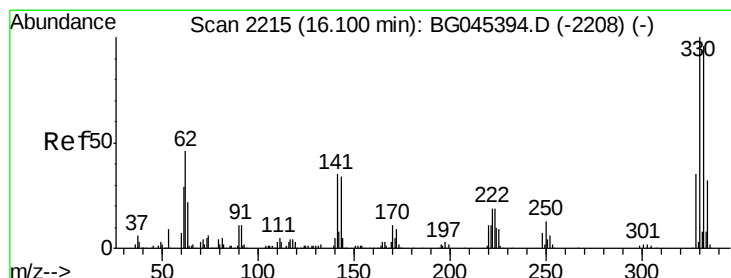
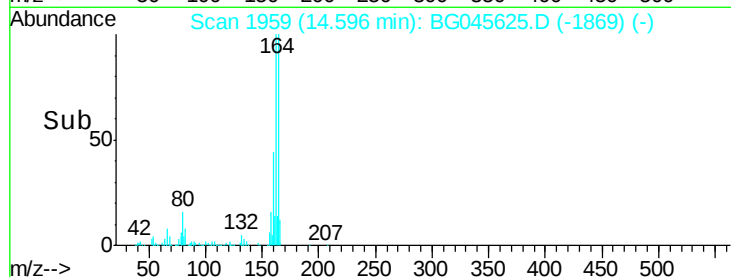
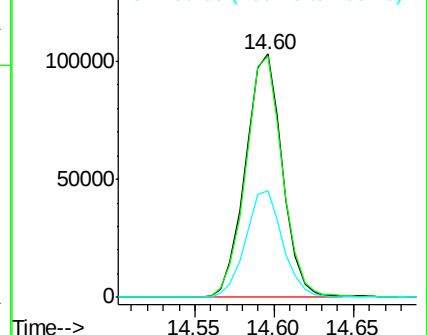
160 43.8 33.8 50.8



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: 159.331 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

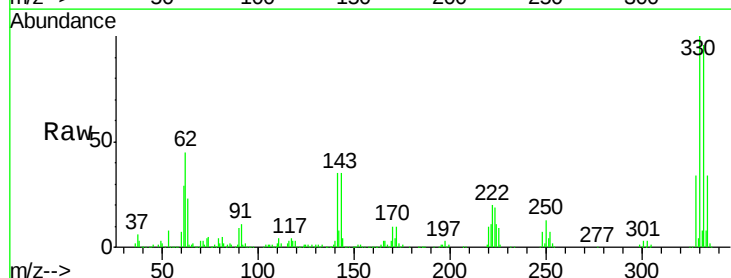
Tgt Ion:330 Resp: 337595

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

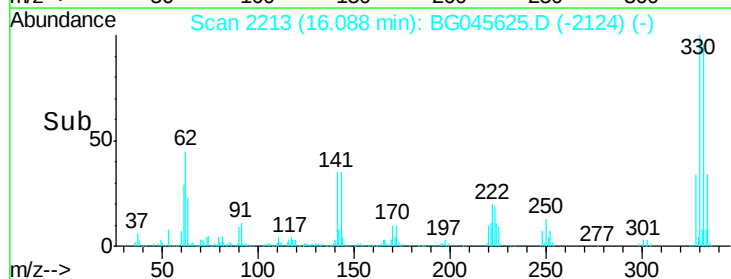
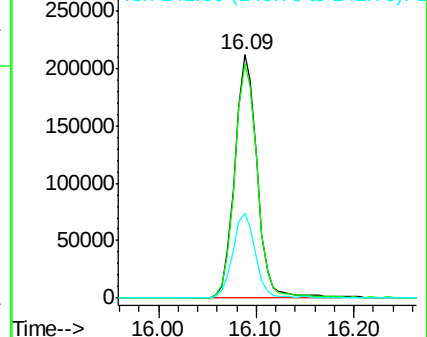
141 35.0 28.2 42.4

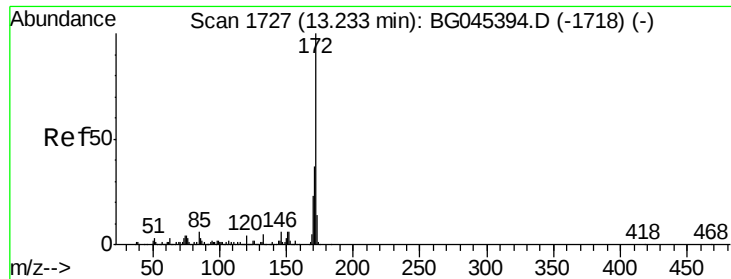


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

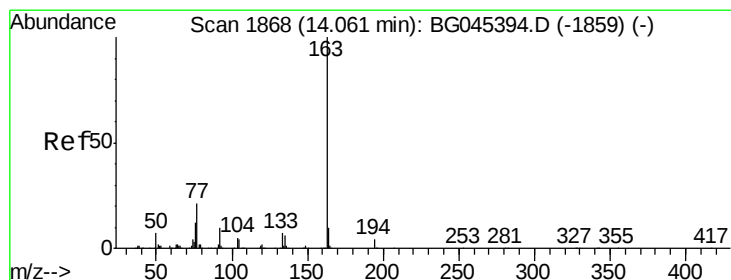
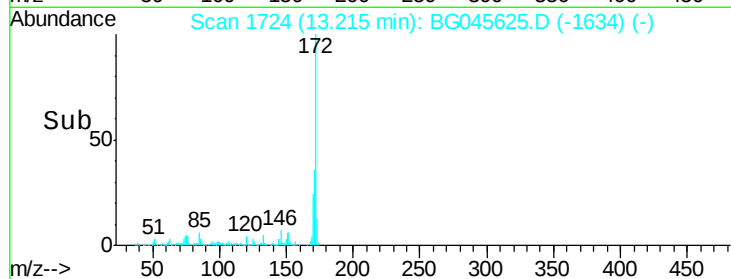
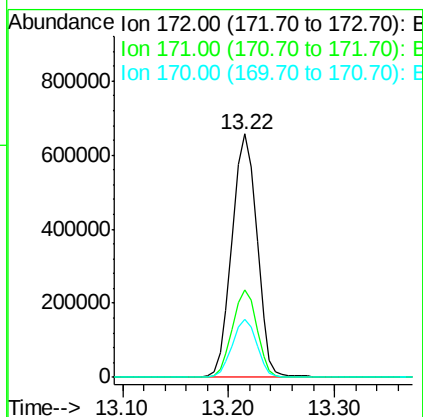
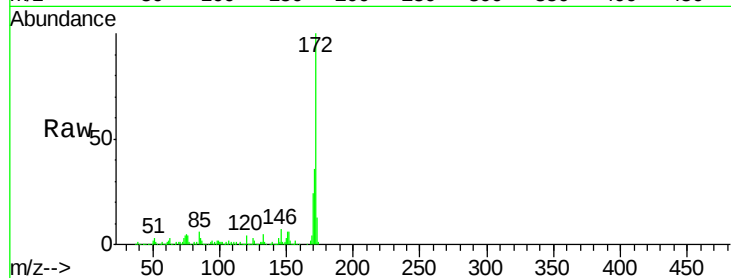




#45
2-Fluorobiphenyl
Concen: 110.510 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

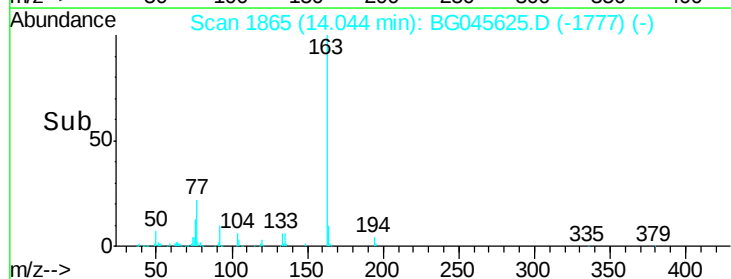
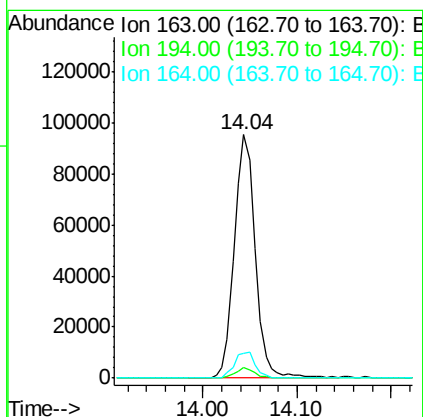
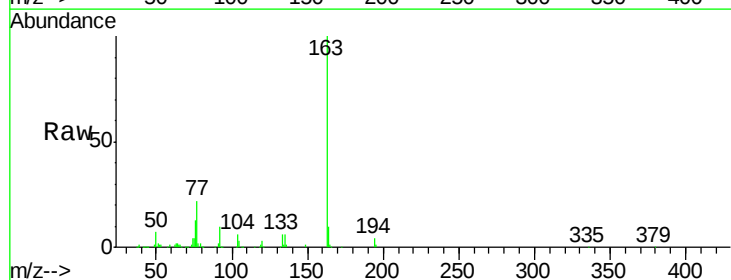
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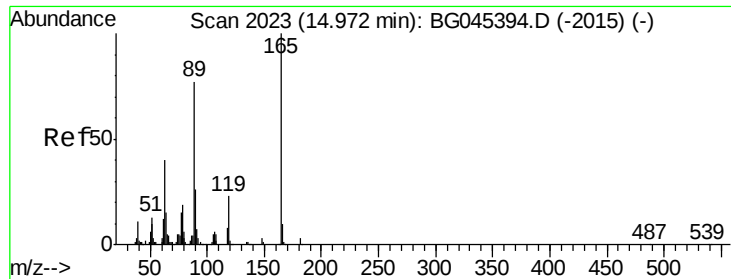
Tot Ion:172 Resp: 1079416
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 23.9 18.5 27.7



#50
Dimethylphthalate
Concen: 13.027 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Tgt Ion:163 Resp: 148060
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.9 8.3 12.5

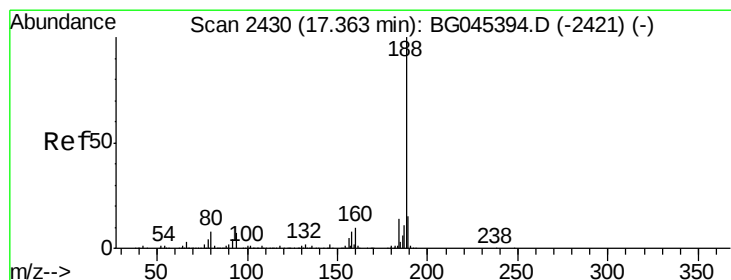
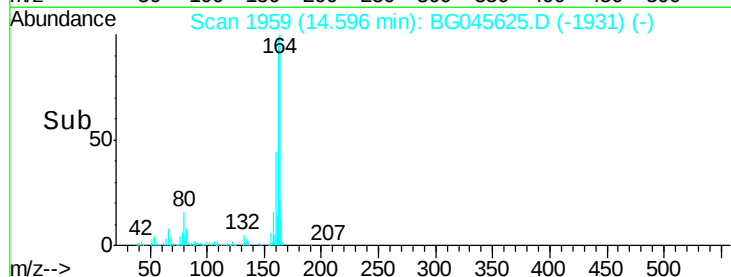
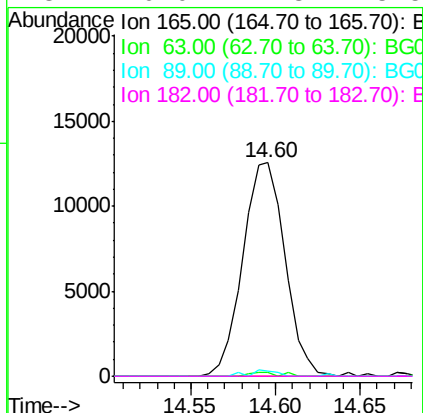
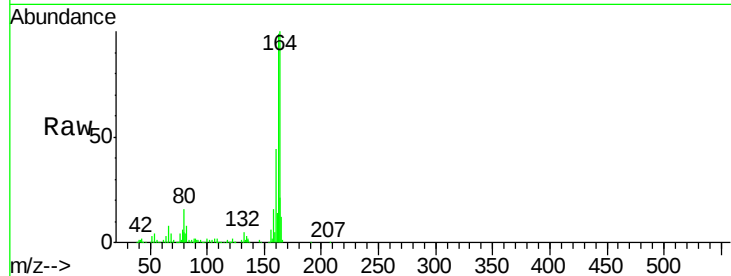




#57
2,4-Dinitrotoluene
Concen: 5.880 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

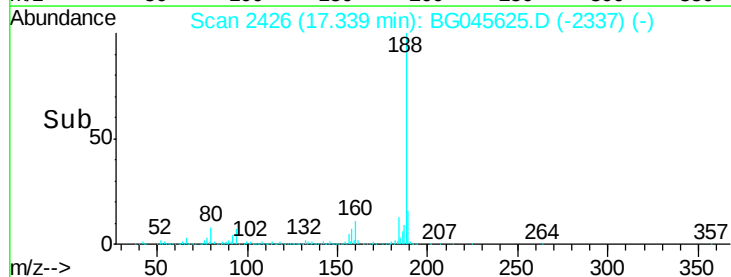
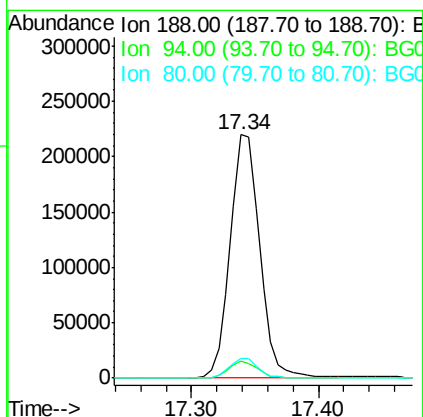
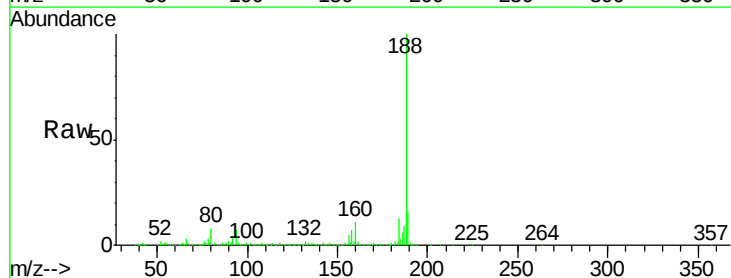
Instrument :
BNA_G
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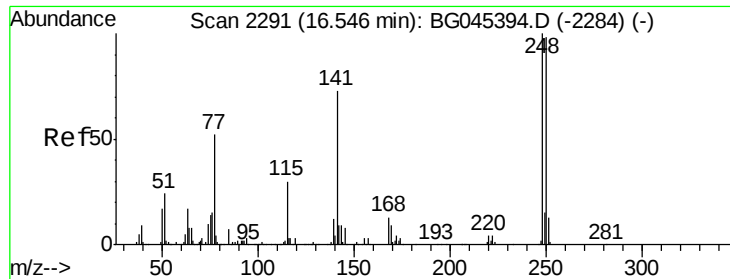
Tot Ion:165 Resp: 21840
Ion Ratio Lower Upper
165 100
63 1.7 32.5 48.7#
89 2.4 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Tgt Ion:188 Resp: 354912
Ion Ratio Lower Upper
188 100
94 6.8 5.5 8.3
80 8.2 6.6 10.0

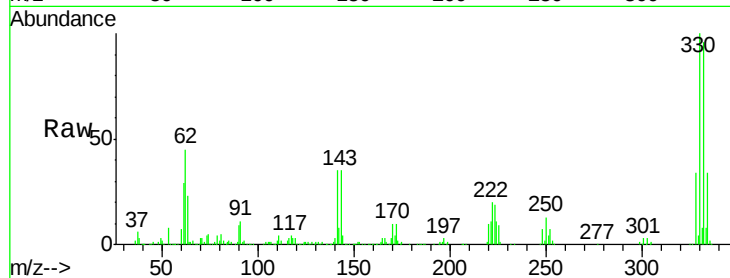




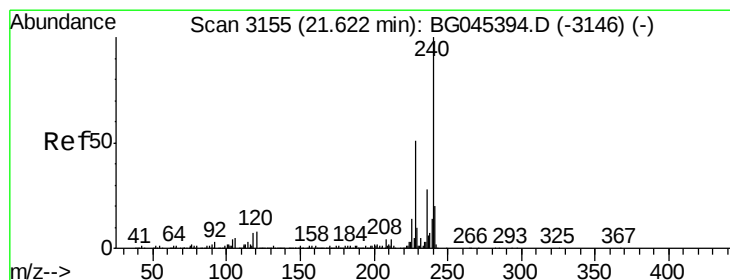
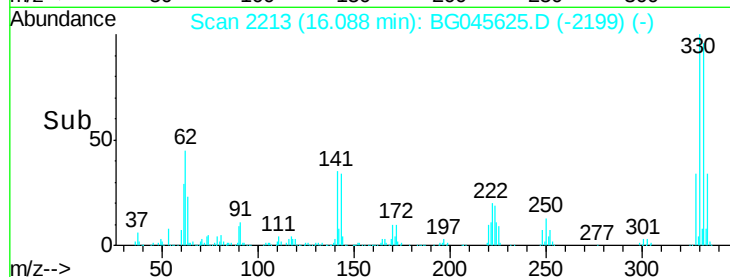
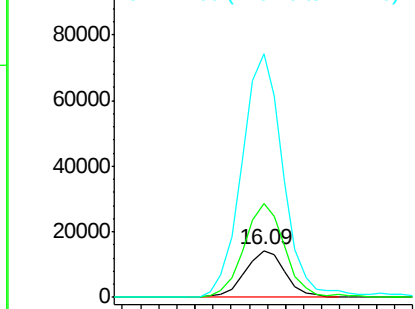
#67
 4-Bromophenyl-phenylether
 Concen: 5.654 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045625.D
 Acq: 5 Jun 2020 20:53

Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

Tot Ion:248 Resp: 21728
 Ion Ratio Lower Upper
 248 100
 250 201.7 78.6 117.8#
 141 523.3 58.2 87.2#

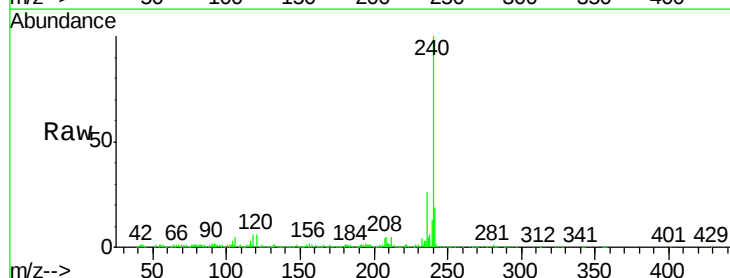


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

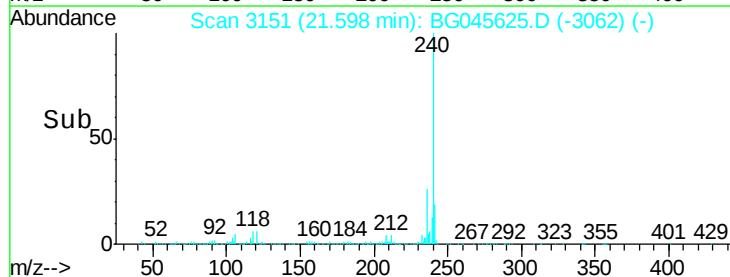
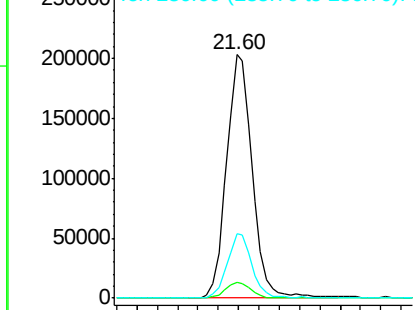


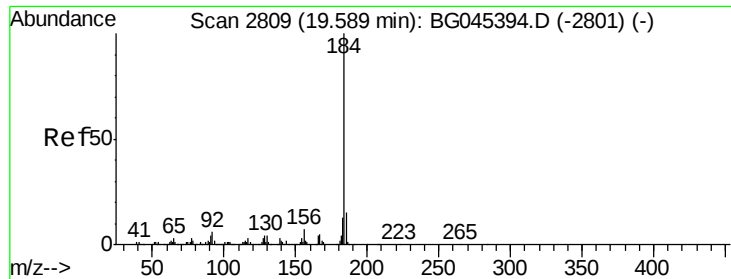
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG045625.D
 Acq: 5 Jun 2020 20:53

Tgt Ion:240 Resp: 356725
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.1 9.1
 236 26.3 22.3 33.5



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: 3.377 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

Instrument :

BNA_G

ClientSampleId :

DRW-2

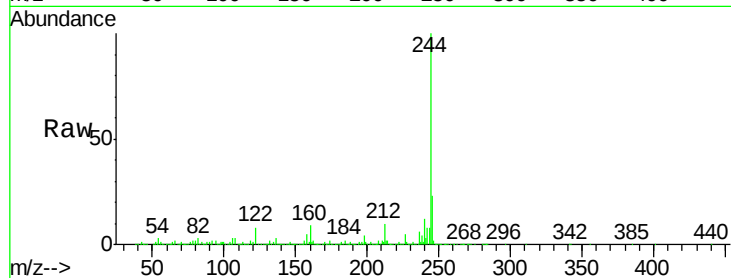
Tot Ion:184 Resp: 33838

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

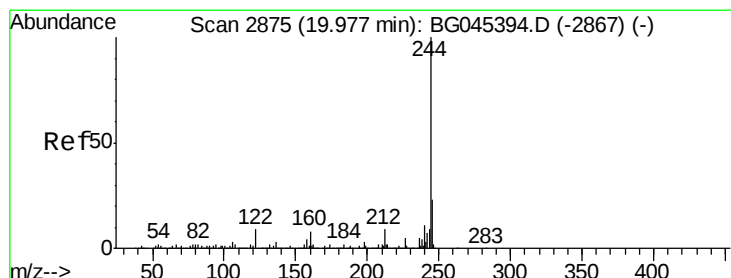
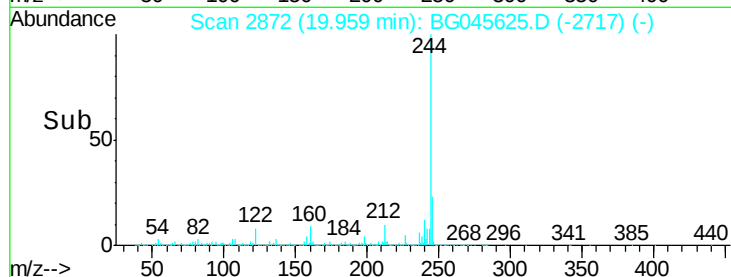
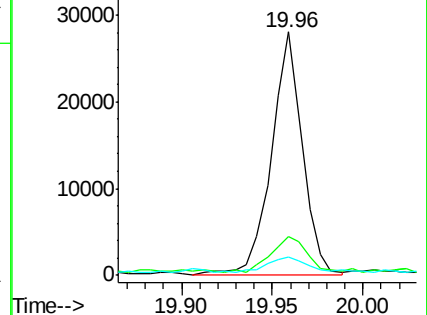
183 7.5 10.2 15.4#



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: 109.009 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045625.D

Acq: 5 Jun 2020 20:53

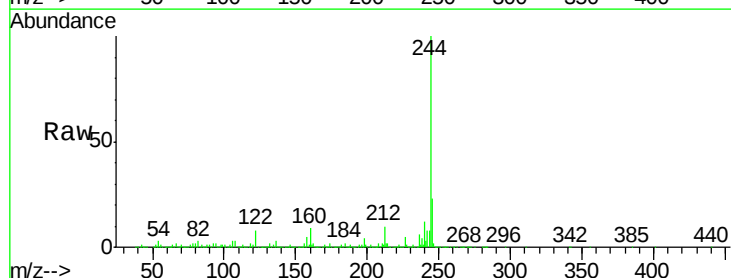
Tgt Ion:244 Resp: 1667299

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

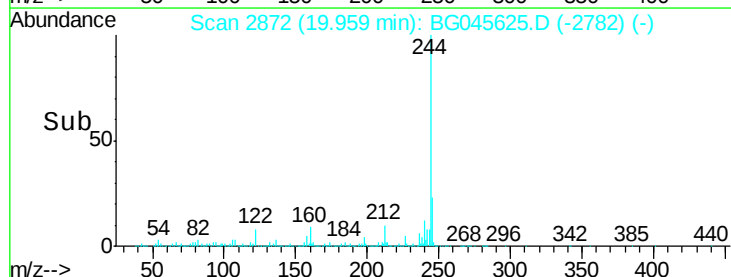
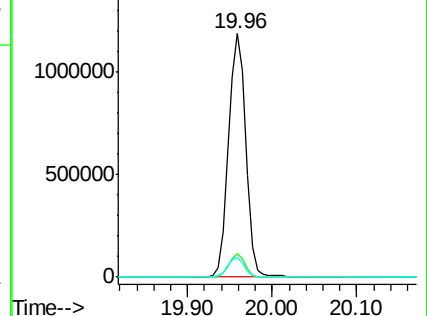
122 8.2 6.8 10.2

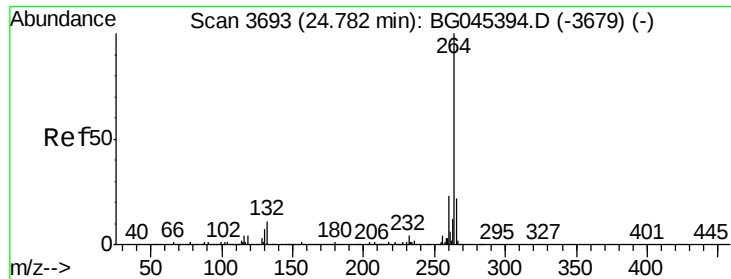


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

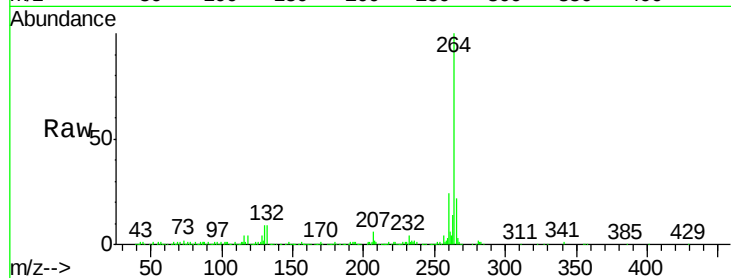




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045625.D
Acq: 5 Jun 2020 20:53

Instrument :
BNA_G
ClientSampleId :
DRW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.2	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

