

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045747.D
 Acq On : 12 Jun 2020 19:23
 Operator : CG/JU
 Sample : L2993-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KY024MW068-200610

Quant Time: Jun 12 23:48:13 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

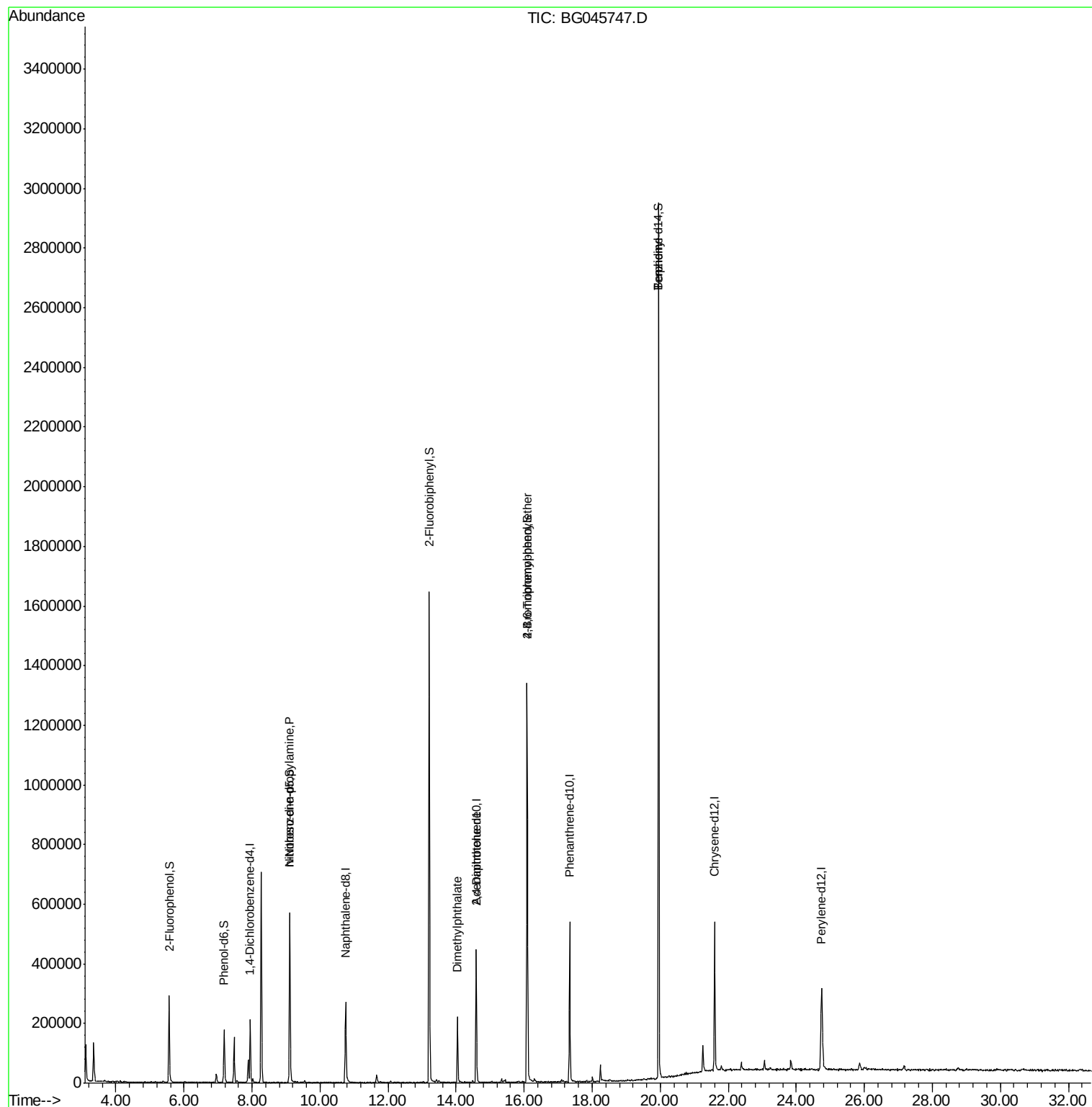
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59086	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	236192	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164642	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	365073	20.00	ng	0.00
76) Chrysene-d12	21.60	240	339956	20.00	ng	0.00
87) Perylene-d12	24.75	264	346826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	141955	46.95	ng	0.02
7) Phenol-d6	7.18	99	120679	28.04	ng	0.04
23) Nitrobenzene-d5	9.11	82	403727	93.21	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	279173	132.59	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	921936	94.98	ng	0.00
79) Terphenyl-d14	19.95	244	1512809	103.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	53562	18.000	ng	Qvalue # 85
50) Dimethylphthalate	14.04	163	150447	13.321	ng	99
57) 2,4-Dinitrotoluene	14.59	165	21443	5.810	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	18337	4.639	ng	# 1
77) Benzidine	19.95	184	28361	2.970	ng	# 93

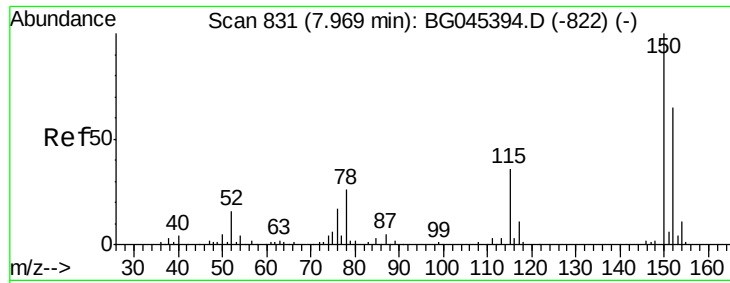
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045747.D
Acq On : 12 Jun 2020 19:23
Operator : CG/JU
Sample : L2993-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KY024MW068-200610

Quant Time: Jun 12 23:48:13 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



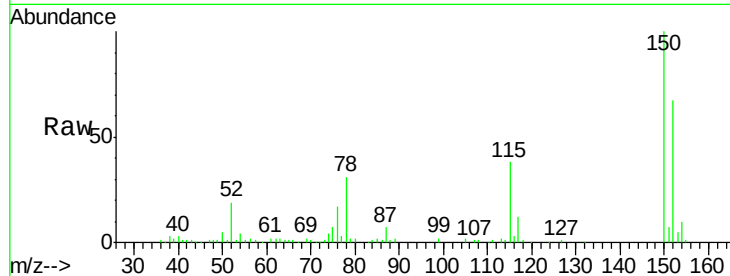


#1

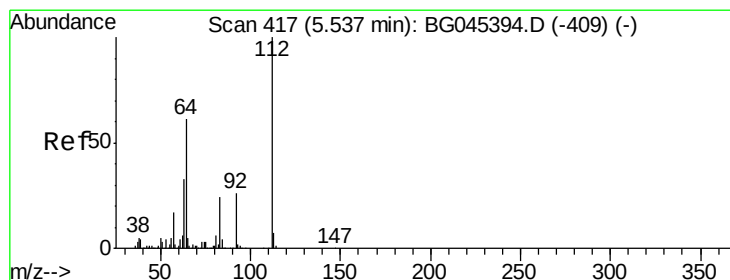
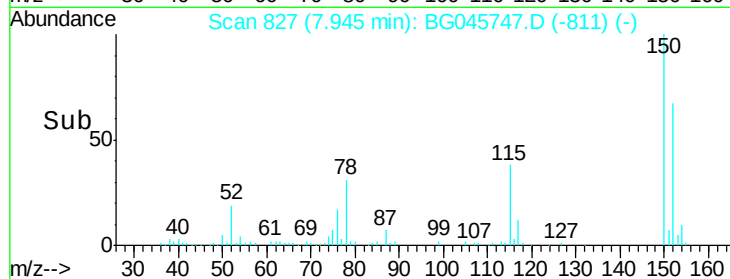
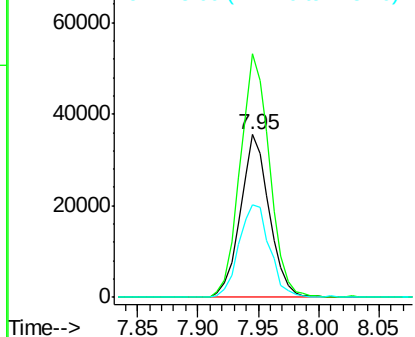
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

Instrument :
BNA_G
ClientSampleId :
KY024MW068-200610

Tot Ion:152 Resp: 59086
Ion Ratio Lower Upper
152 100
150 149.5 122.4 183.6
115 56.7 44.2 66.4



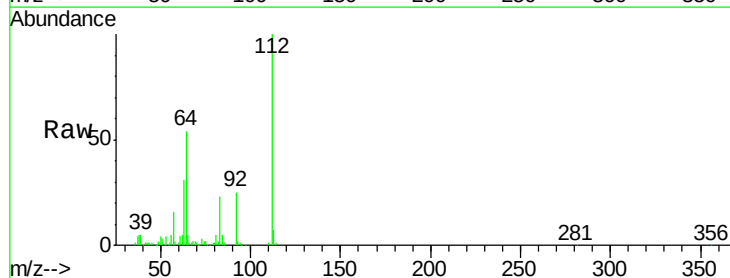
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



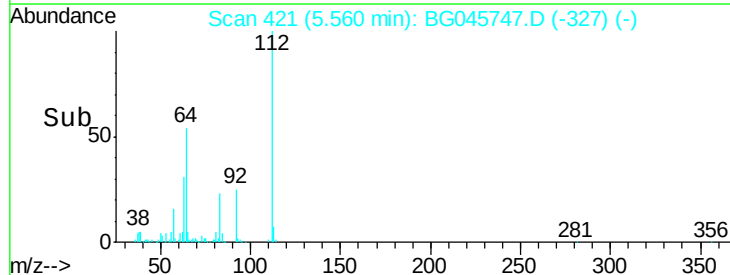
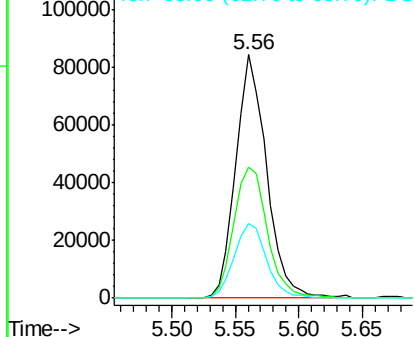
#5

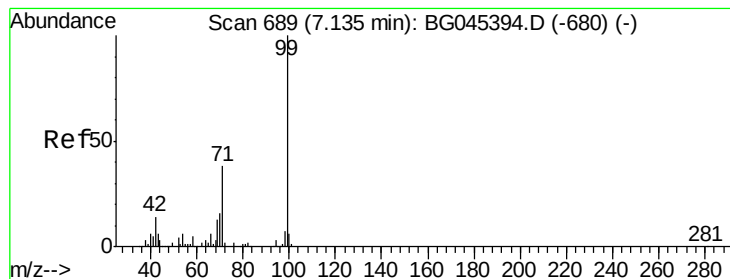
2-Fluorophenol
Concen: 46.952 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.02 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

Tgt Ion:112 Resp: 141955
Ion Ratio Lower Upper
112 100
64 53.9 48.6 72.8
63 30.7 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: 28.044 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.04 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

Instrument :

BNA_G

ClientSampleId :

KY024MW068-200610

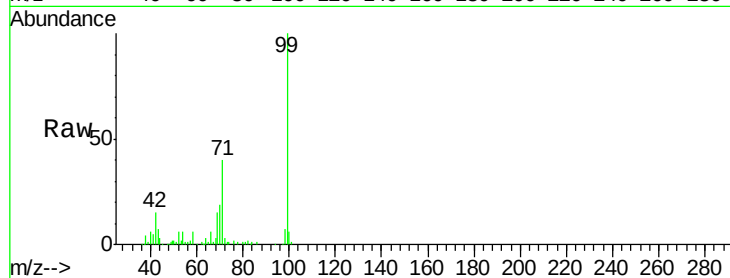
Tot Ion: 99 Resp: 120679

Ion Ratio Lower Upper

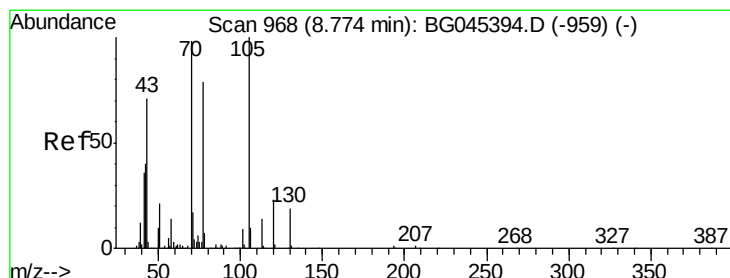
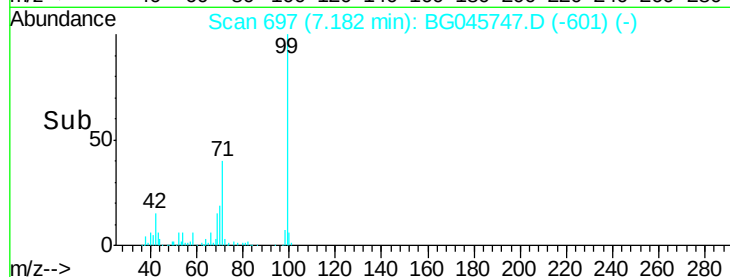
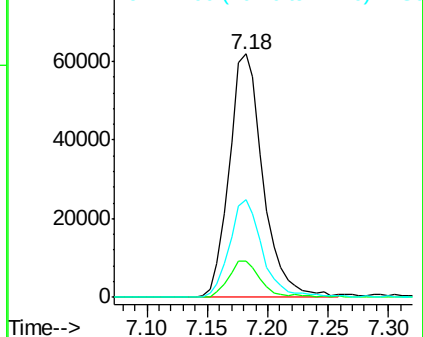
99 100

42 14.8 11.3 16.9

71 40.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.000 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

Tgt Ion: 70 Resp: 53562

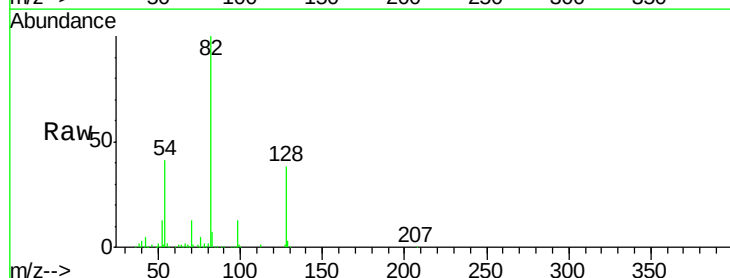
Ion Ratio Lower Upper

70 100

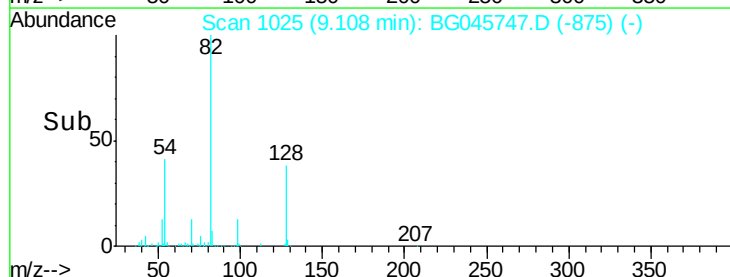
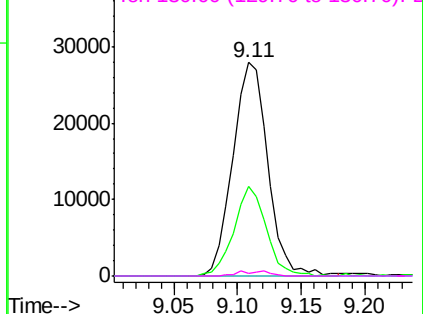
42 41.7 33.2 49.8

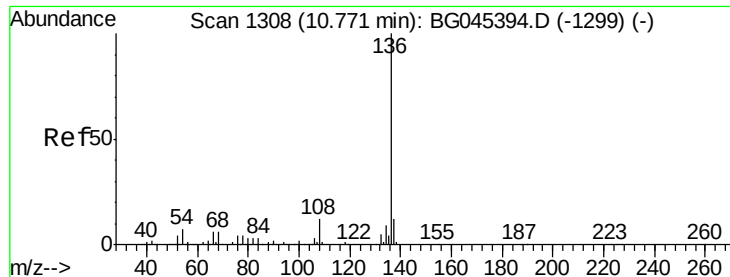
101 0.0 7.8 11.6#

130 1.0 15.4 23.2#



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

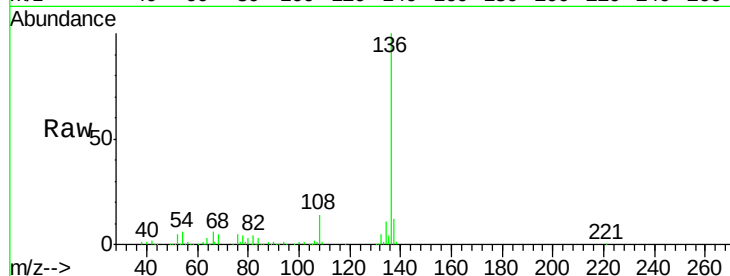




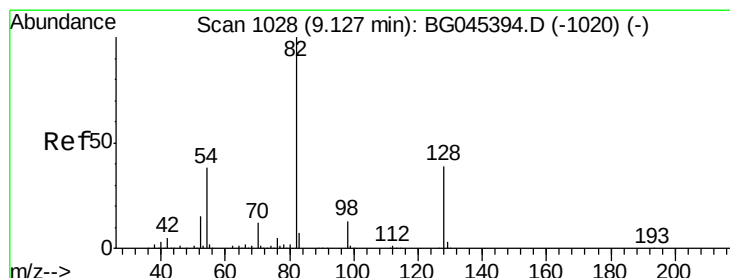
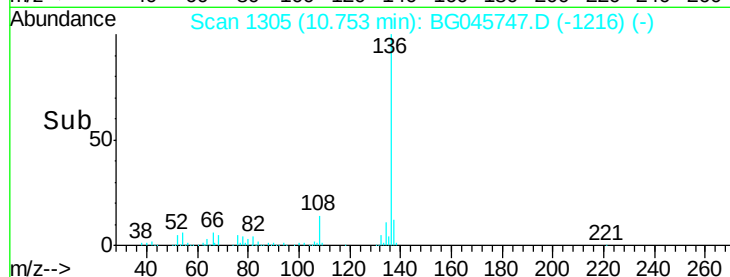
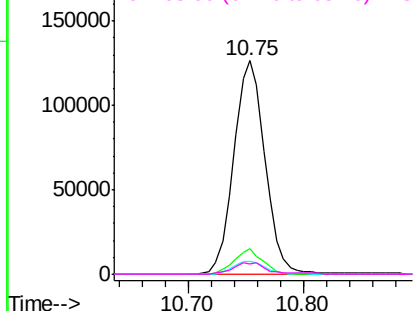
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

Instrument :
BNA_G
ClientSampleId :
KY024MW068-200610

Tot Ion:136	Resp:	236192
Ion Ratio	Lower	Upper
136 100		
137 12.2	9.4	14.2
54 6.2	5.8	8.6
68 5.0	4.5	6.7

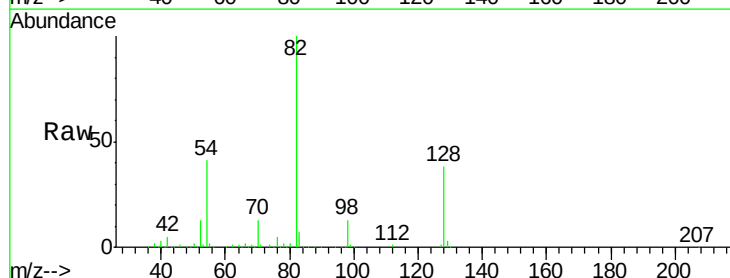


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

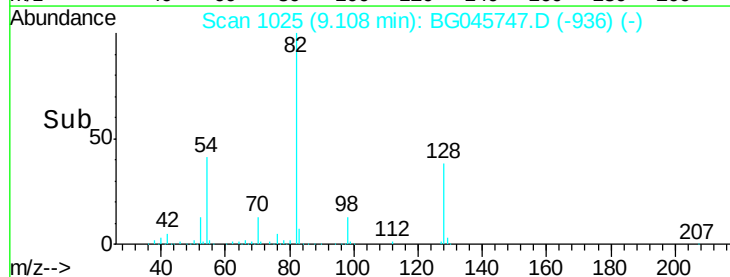
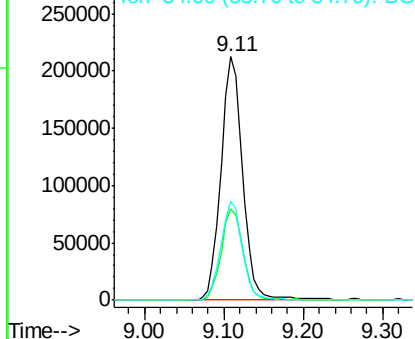


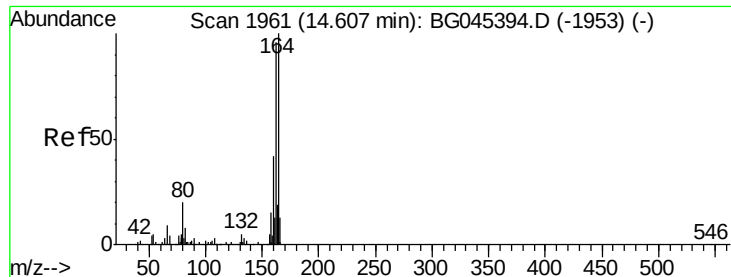
#23
Nitrobenzene-d5
Concen: 93.212 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

Tgt Ion: 82	Resp: 403727
Ion Ratio	Lower Upper
82 100	
128 37.6	30.9 46.3
54 40.8	30.3 45.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

Instrument :

BNA_G

ClientSampleId :

KY024MW068-200610

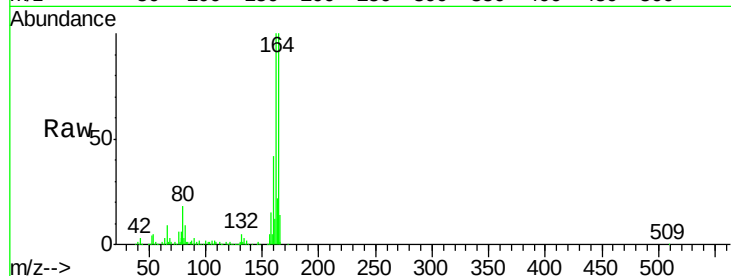
Tot Ion:164 Resp: 164642

Ion Ratio Lower Upper

164 100

162 99.9 76.9 115.3

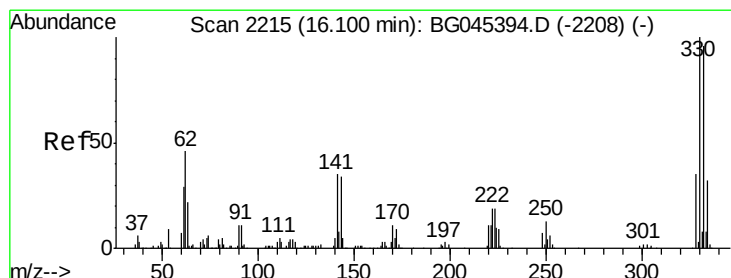
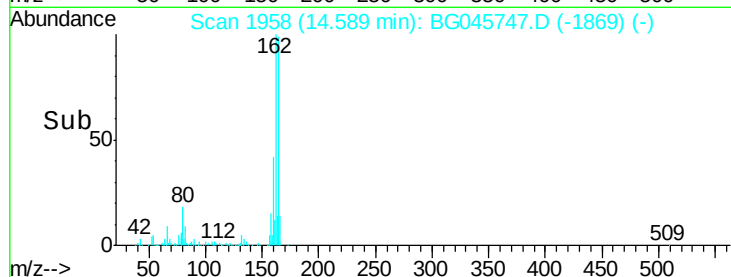
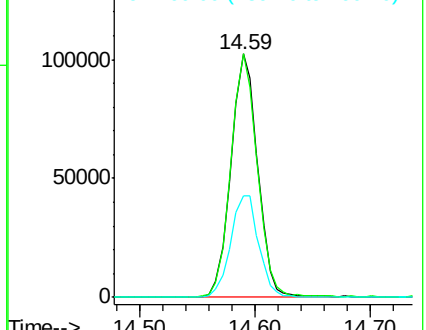
160 41.6 33.8 50.8



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: 132.587 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

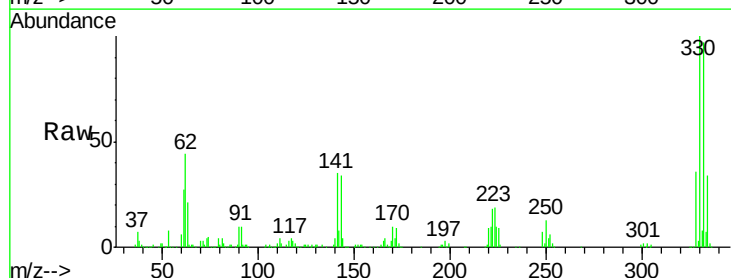
Tgt Ion:330 Resp: 279173

Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

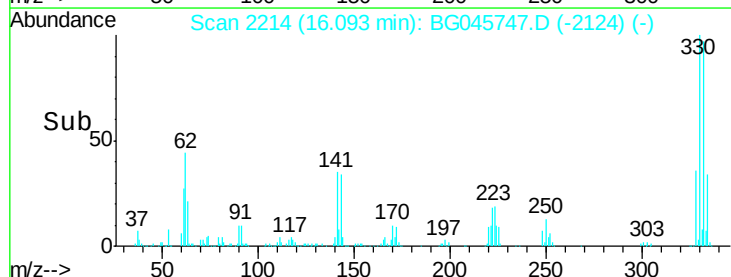
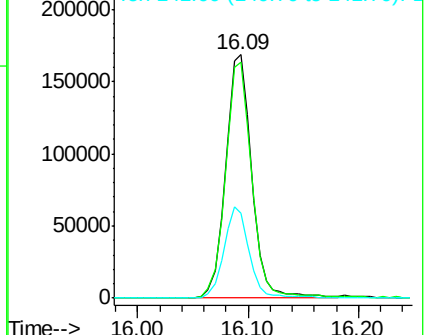
141 36.3 28.2 42.4

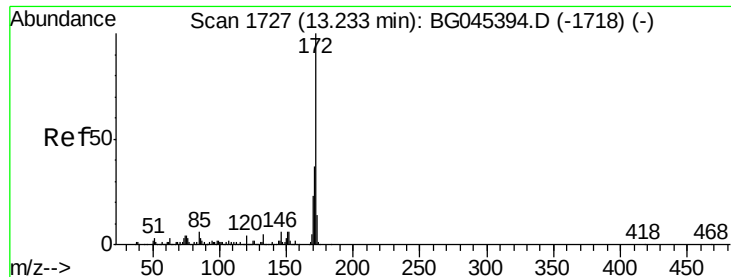


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

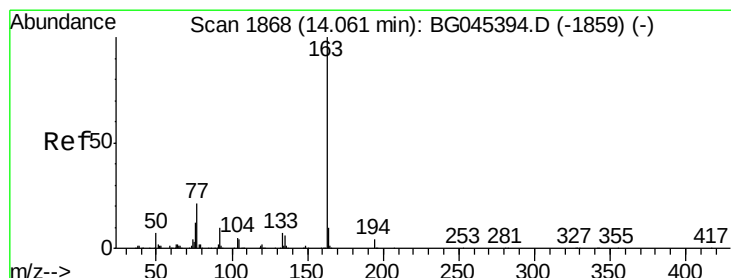
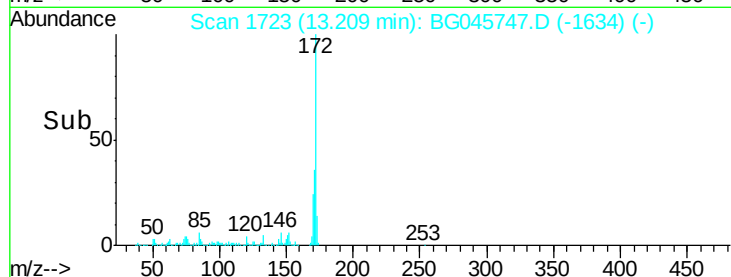
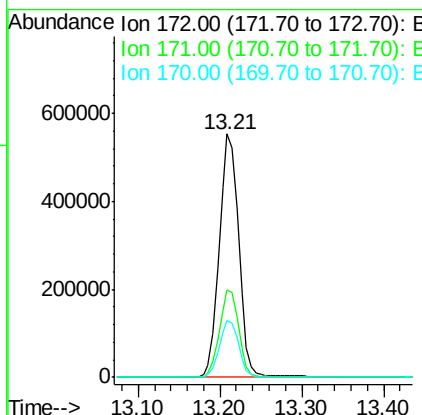
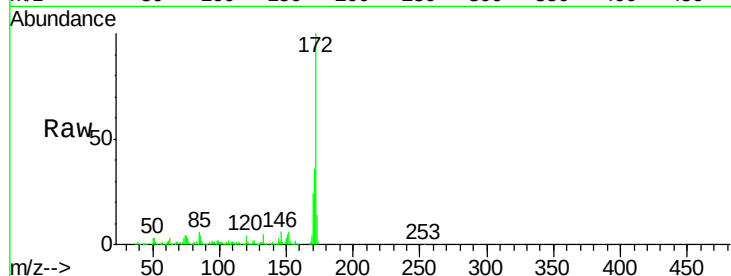




#45
2-Fluorobiphenyl
Concen: 94.981 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

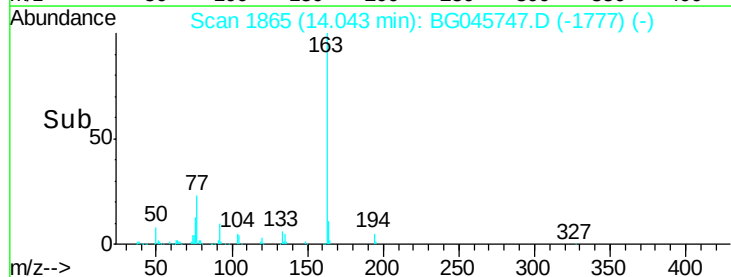
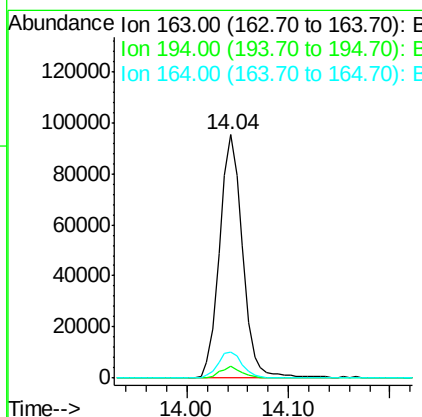
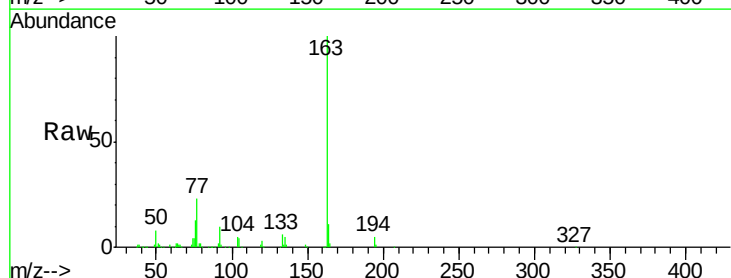
Instrument :
BNA_G
ClientSampleId :
KY024MW068-200610

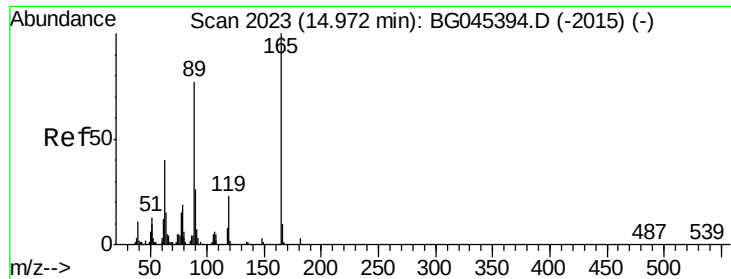
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	23.6	18.5	27.7



#50
Dimethylphthalate
Concen: 13.321 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045747.D
Acq: 12 Jun 2020 19:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	10.6	8.3	12.5





#57

2,4-Dinitrotoluene

Concen: 5.810 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

Instrument :

BNA_G

ClientSampleId :

KY024MW068-200610

Tot Ion:165 Resp: 21443

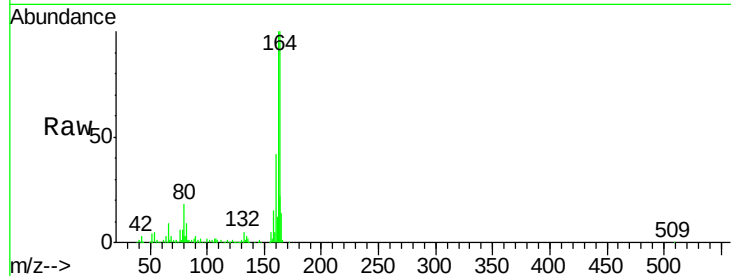
Ion Ratio Lower Upper

165 100

63 1.4 32.5 48.7#

89 1.3 61.8 92.6#

182 0.0 2.3 3.5#

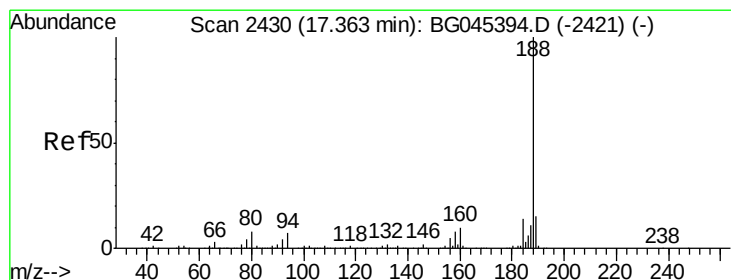
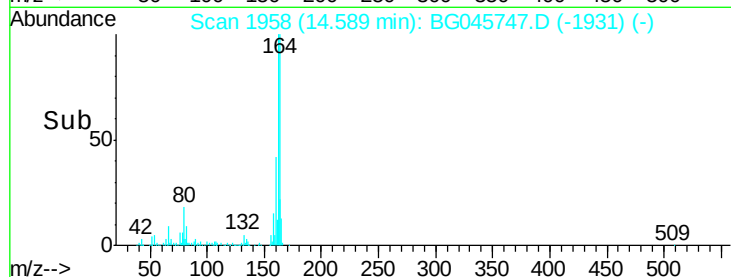
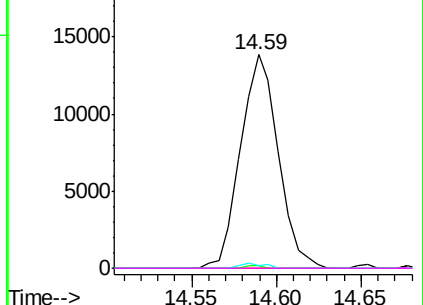


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

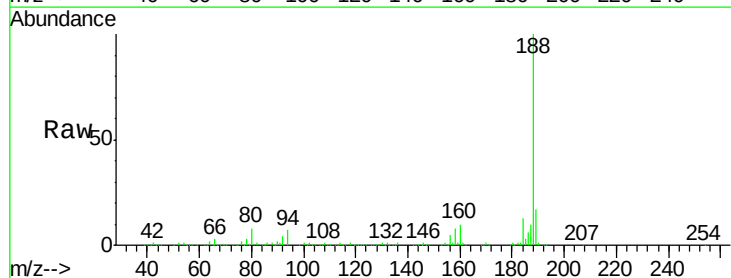
Tgt Ion:188 Resp: 365073

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

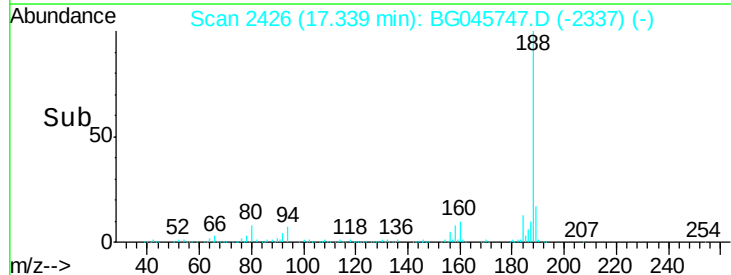
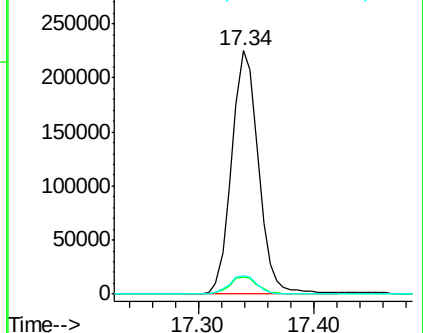
80 7.5 6.6 10.0

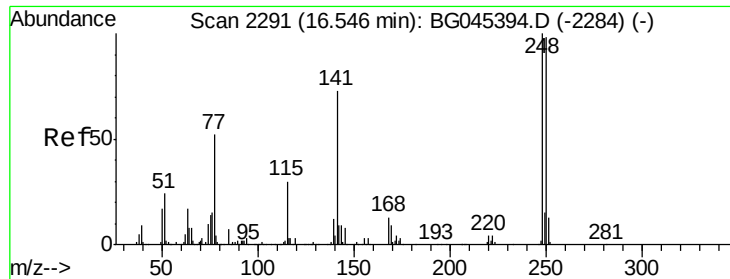


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

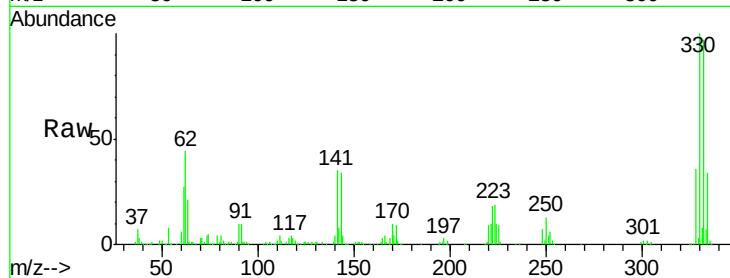




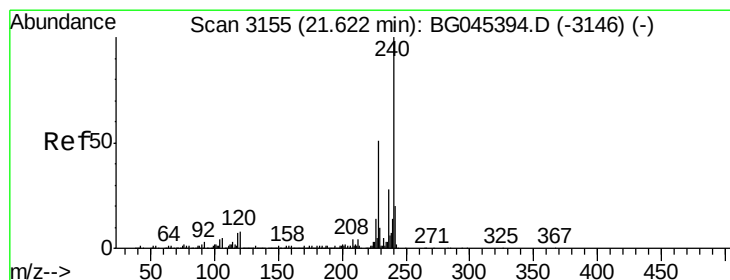
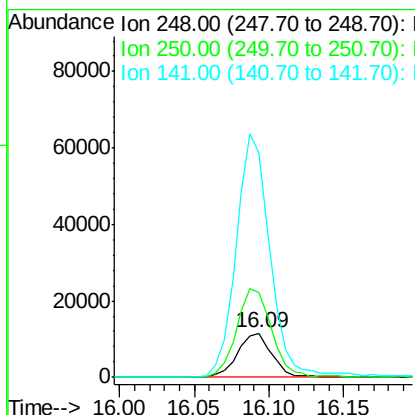
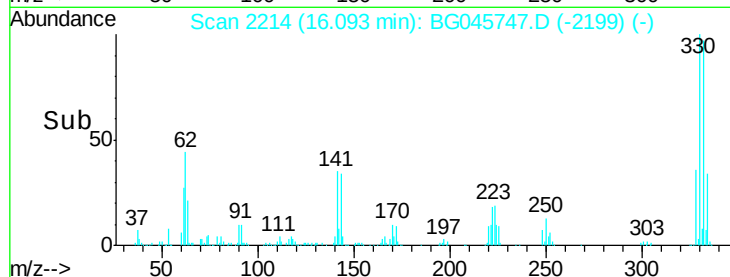
#67
 4-Bromophenyl-phenylether
 Concen: 4.639 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045747.D
 Acq: 12 Jun 2020 19:23

Instrument :
 BNA_G
 ClientSampleId :
 KY024MW068-200610

Tot Ion:248 Resp: 18337
 Ion Ratio Lower Upper
 248 100
 250 191.8 78.6 117.8#
 141 502.2 58.2 87.2#

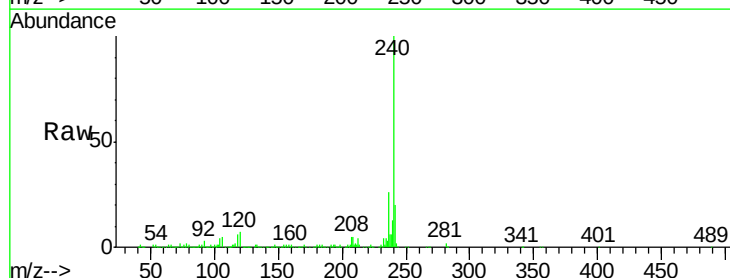


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

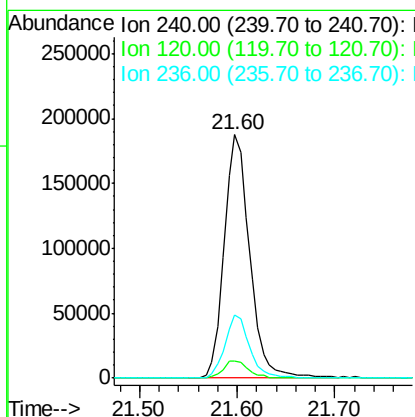
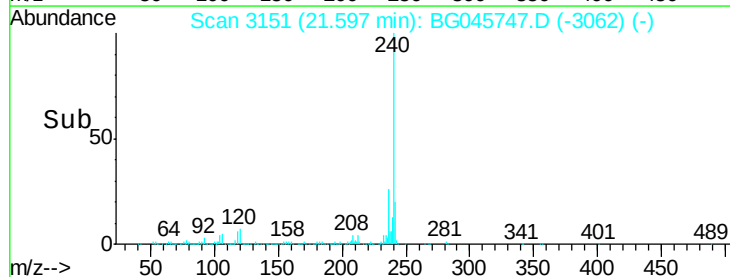


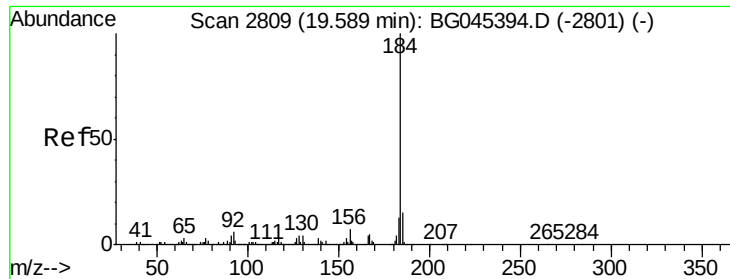
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG045747.D
 Acq: 12 Jun 2020 19:23

Tgt Ion:240 Resp: 339956
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.1 9.1
 236 25.8 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: 2.970 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

Instrument :

BNA_G

ClientSampleId :

KY024MW068-200610

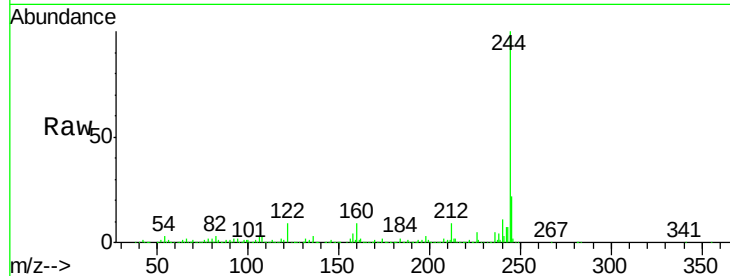
Tot Ion:184 Resp: 28361

Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

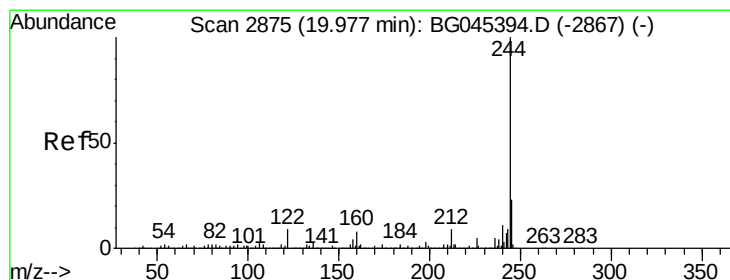
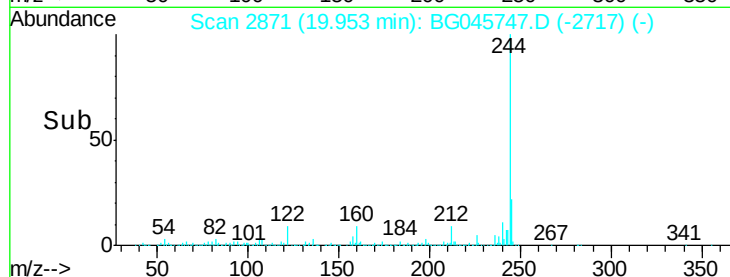
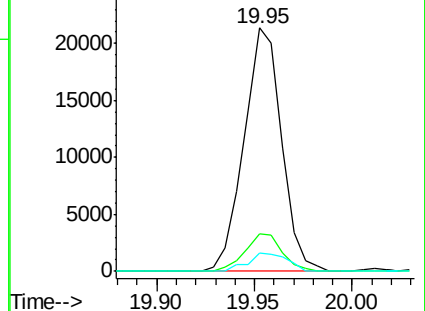
183 7.6 10.2 15.4#



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: 103.788 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045747.D

Acq: 12 Jun 2020 19:23

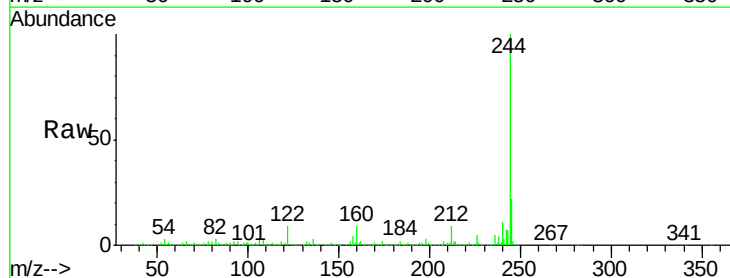
Tgt Ion:244 Resp: 1512809

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

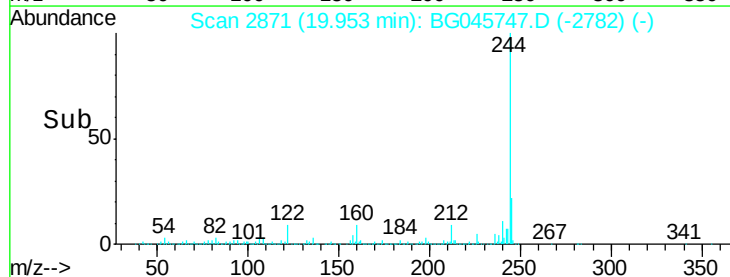
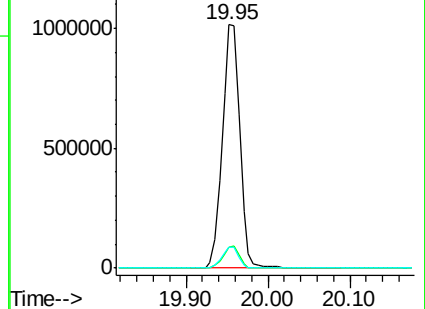
122 8.8 6.8 10.2

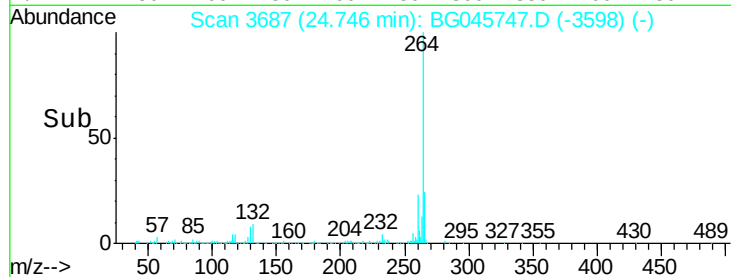
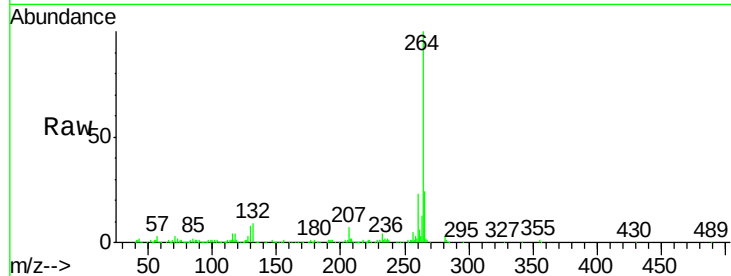
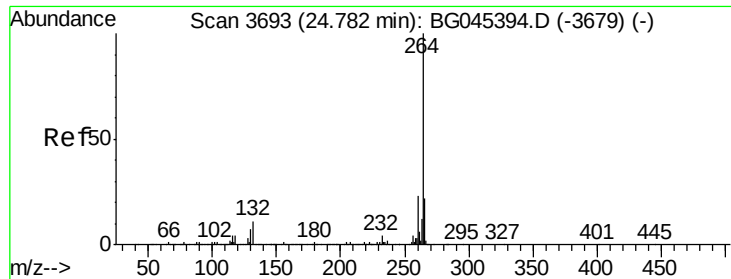


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG045747.D

Acq: 12 Jun 2020 19:23

Instrument :

BNA_G

ClientSampleId :

KY024MW068-200610

Tot Ion:264 Resp: 346826

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 23.8 17.6 26.4

