

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045676.D
 Acq On : 10 Jun 2020 1:55
 Operator : CG/JU
 Sample : L2886-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GEN

Quant Time: Jun 10 06:09:43 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

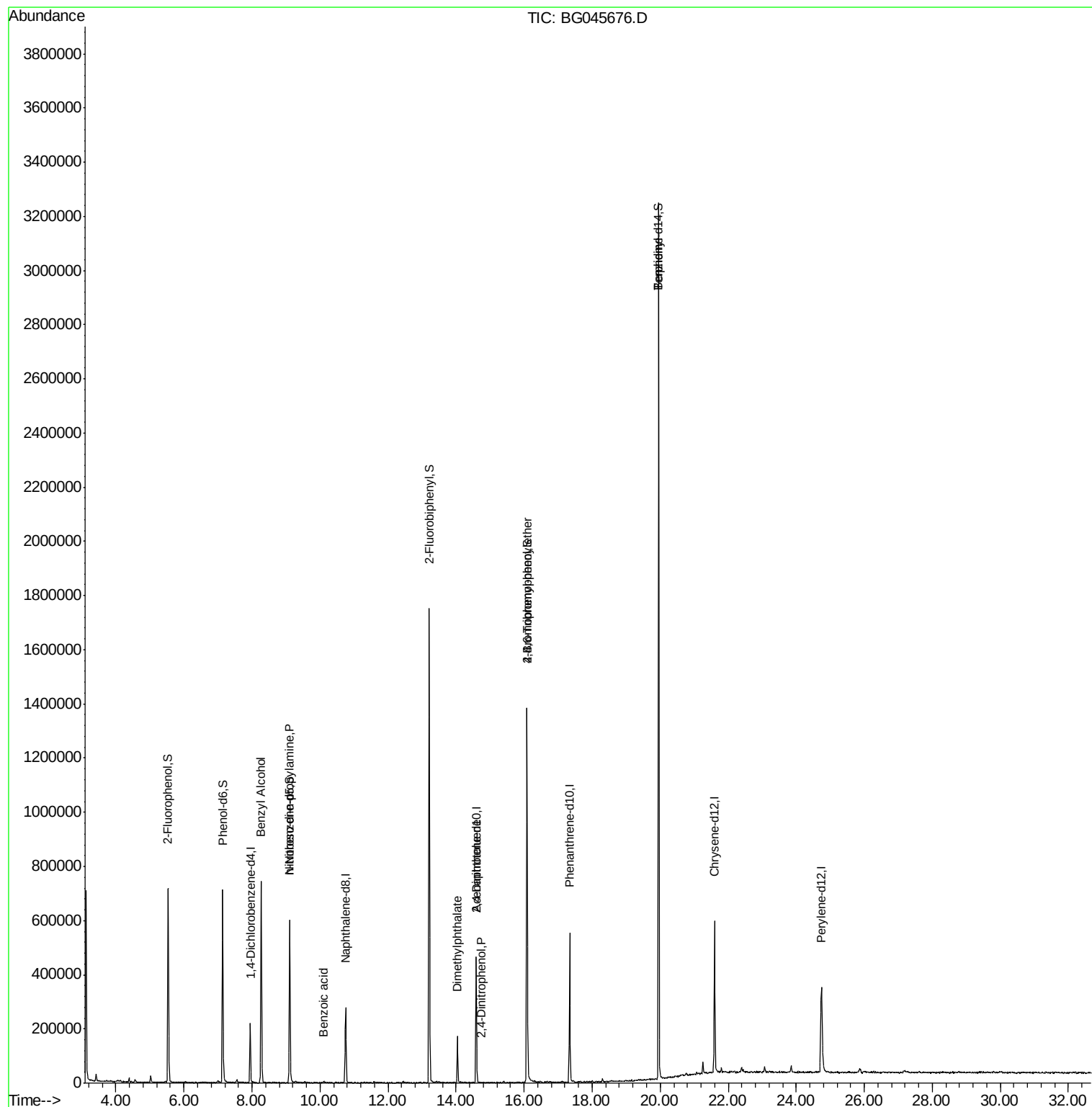
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62770	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	248244	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	167475	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	375899	20.00	ng	0.00
76) Chrysene-d12	21.60	240	384139	20.00	ng	0.00
87) Perylene-d12	24.75	264	404376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	356169	110.89	ng	0.00
7) Phenol-d6	7.14	99	481135	105.25	ng	0.00
23) Nitrobenzene-d5	9.11	82	409030	89.85	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	299882	140.01	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	934386	94.64	ng	0.00
79) Terphenyl-d14	19.95	244	1611270	97.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7739	2.049	ng	# 55
19) n-Nitroso-di-n-propylamine	9.11	70	57272	18.117	ng	# 82
32) Benzoic acid	10.11	122	520	10.218	ng	# 35
50) Dimethylphthalate	14.04	163	114478	9.964	ng	# 97
54) 2,4-Dinitrophenol	14.75	184	61	5.492	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	22402	5.967	ng	# 24
67) 4-Bromophenyl-phenylether	16.08	248	20217	4.967	ng	# 1
77) Benzidine	19.95	184	30470	2.824	ng	# 92

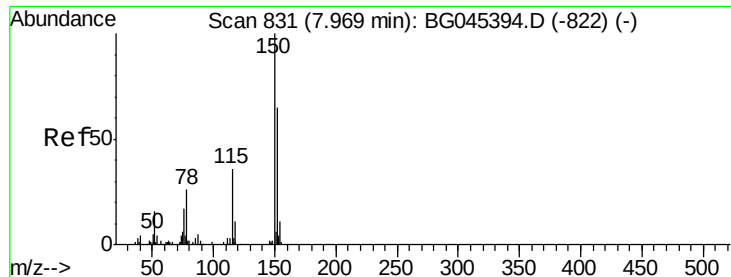
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
Data File : BG045676.D
Acq On : 10 Jun 2020 1:55
Operator : CG/JU
Sample : L2886-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GEN

Quant Time: Jun 10 06:09:43 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



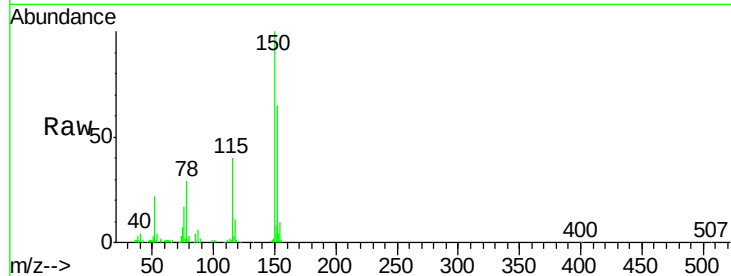


#1

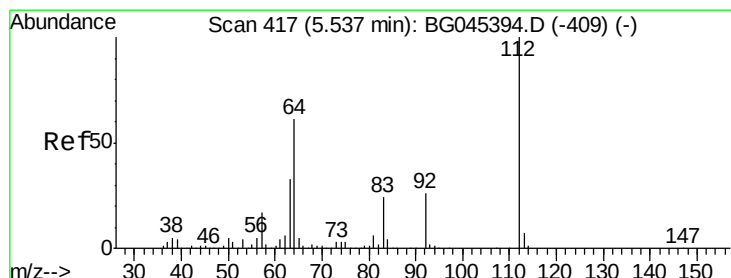
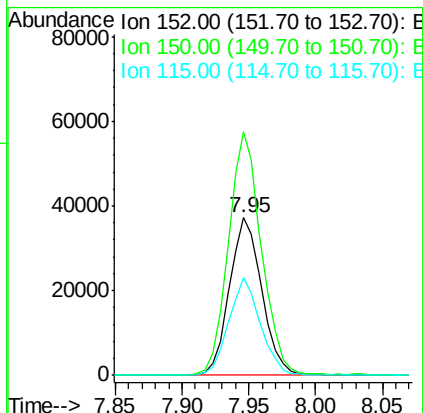
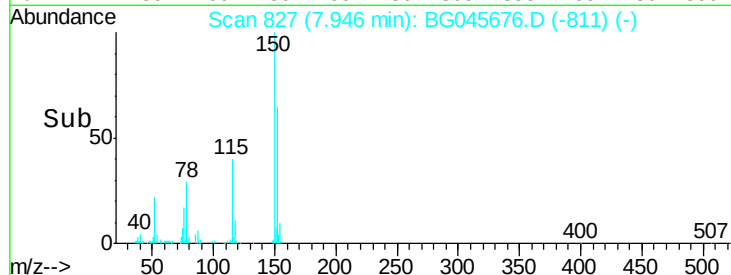
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Instrument :
BNA_G
ClientSampleId :
GEN

Tot Ion:152 Resp: 62770
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 62.5 44.2 66.4



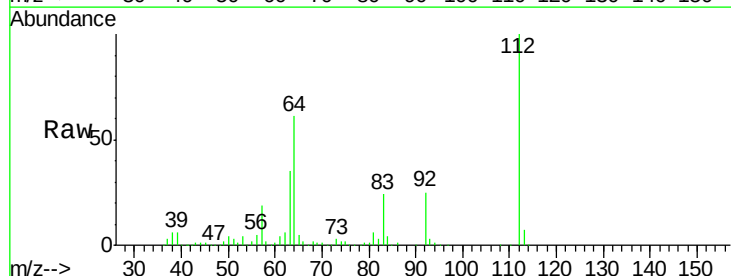
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



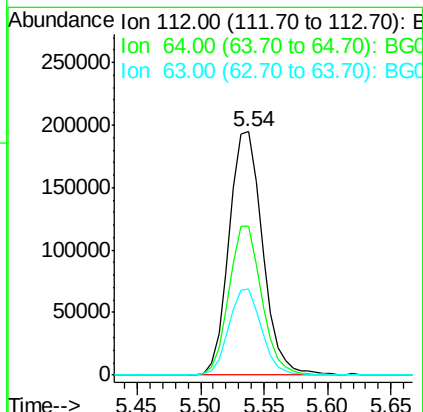
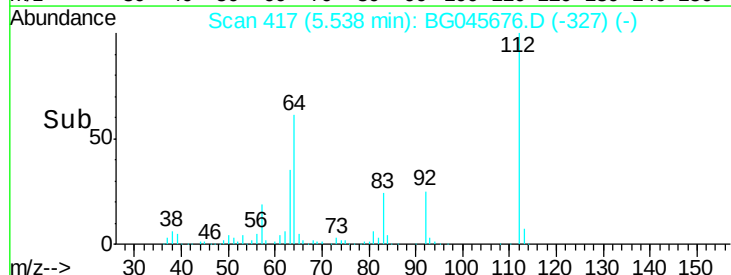
#5

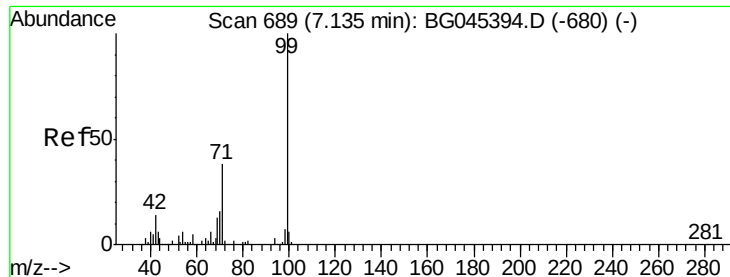
2-Fluorophenol
Concen: 110.891 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Tgt Ion:112 Resp: 356169
Ion Ratio Lower Upper
112 100
64 60.9 48.6 72.8
63 35.2 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: 105.247 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

Instrument :

BNA_G

ClientSampleId :

GEN

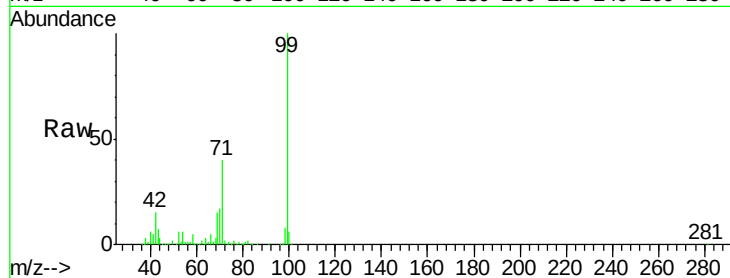
Tot Ion: 99 Resp: 481135

Ion Ratio Lower Upper

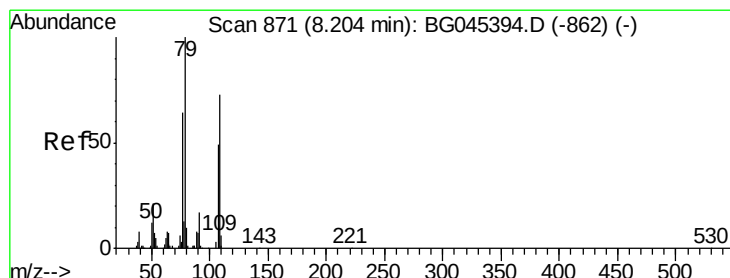
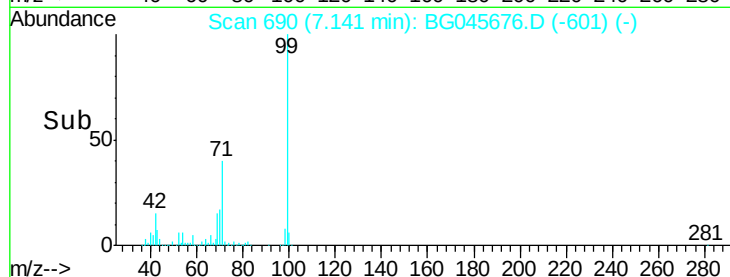
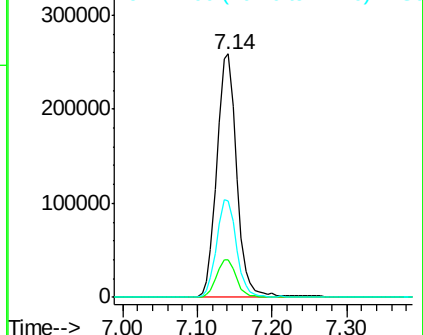
99 100

42 15.2 11.3 16.9

71 39.6 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: 2.049 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

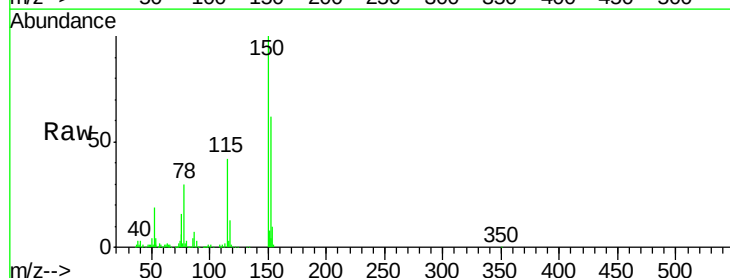
Tgt Ion: 79 Resp: 7739

Ion Ratio Lower Upper

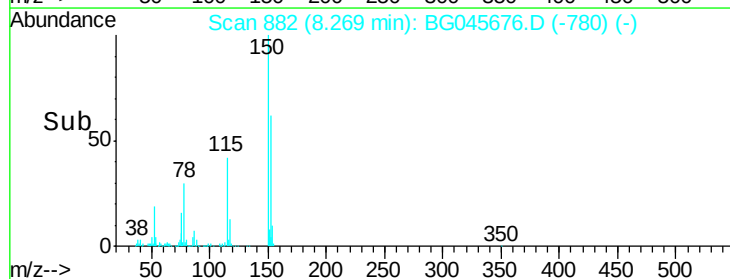
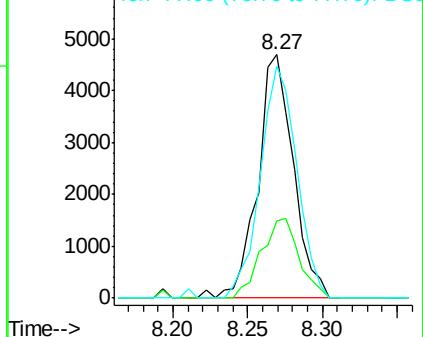
79 100

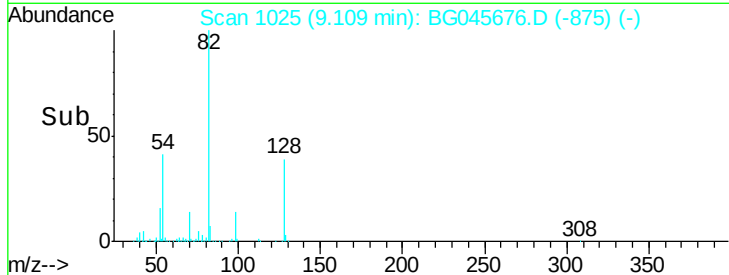
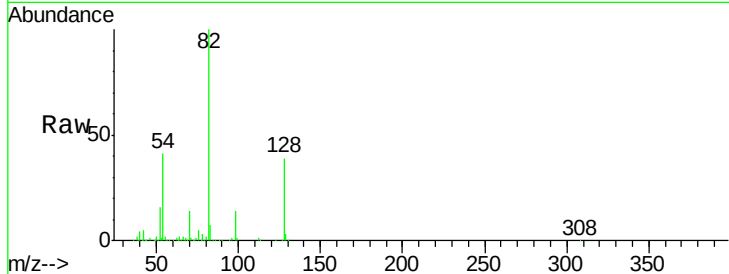
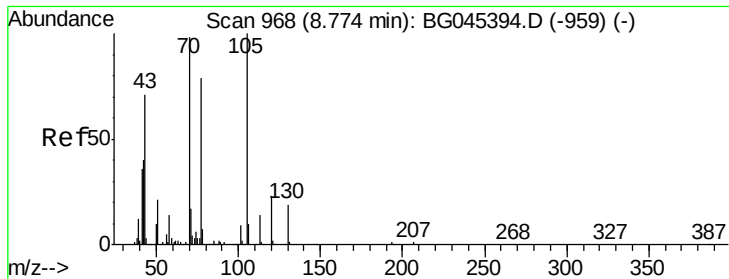
108 31.6 58.2 87.4#

77 95.5 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

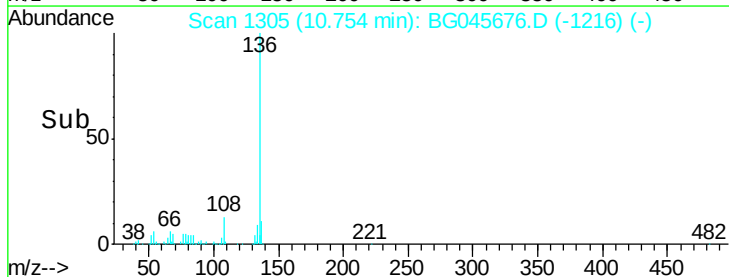
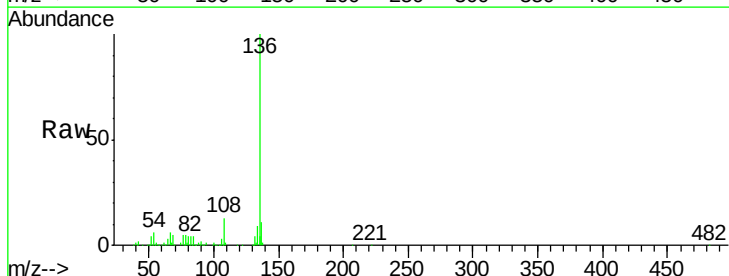
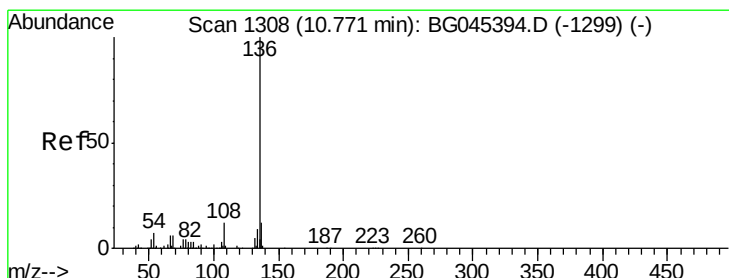
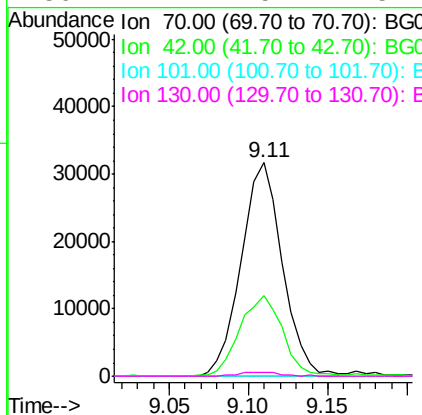




#19
n-Nitroso-di-n-propylamine
Concen: 18.117 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

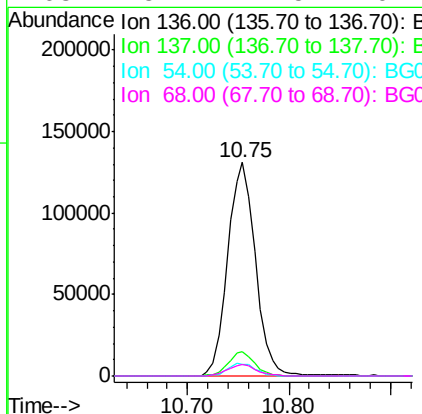
Instrument :
BNA_G
ClientSampleId :
GEN

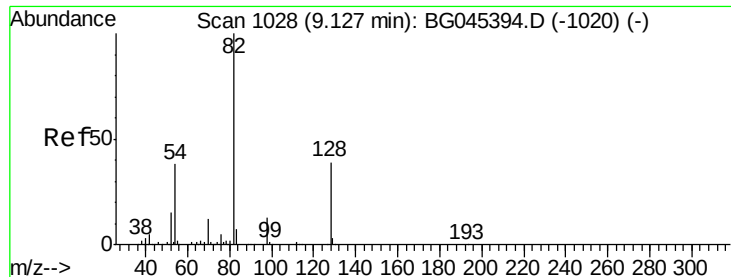
Tot Ion:	70	Resp:	57272
Ion	Ratio	Lower	Upper
70	100		
42	37.8	33.2	49.8
101	0.0	7.8	11.6#
130	1.7	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Tgt Ion:	136	Resp:	248244
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	5.5	5.8	8.6#
68	5.2	4.5	6.7

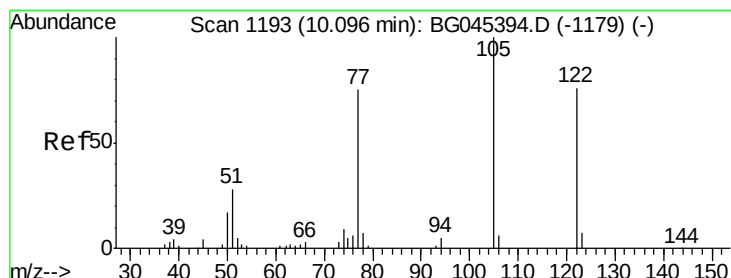
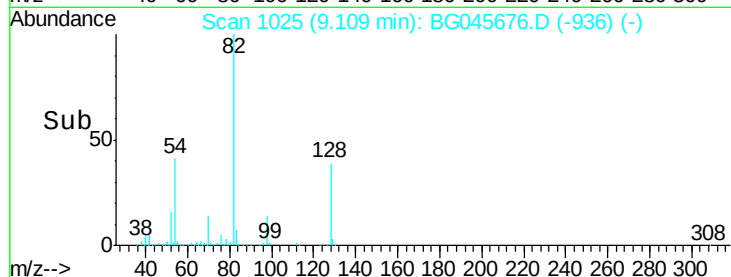
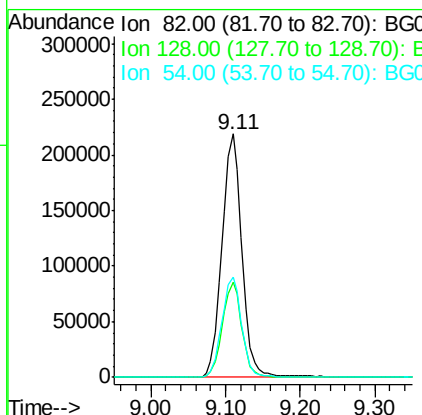
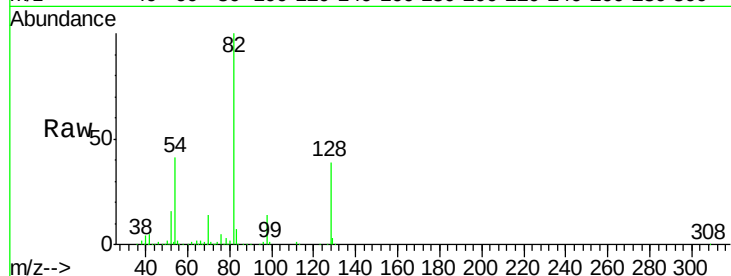




#23
 Nitrobenzene-d5
 Concen: 89.851 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045676.D
 Acq: 10 Jun 2020 1:55

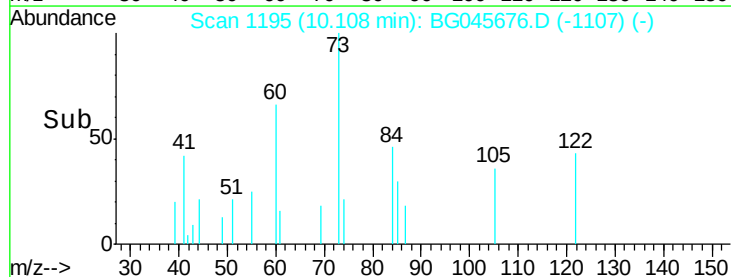
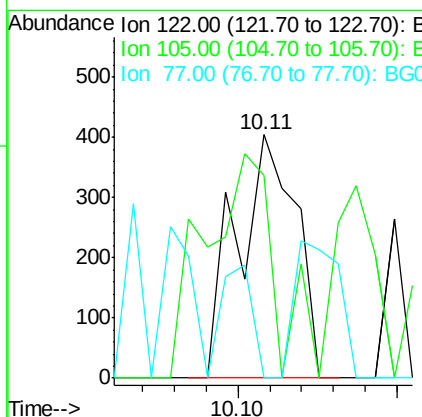
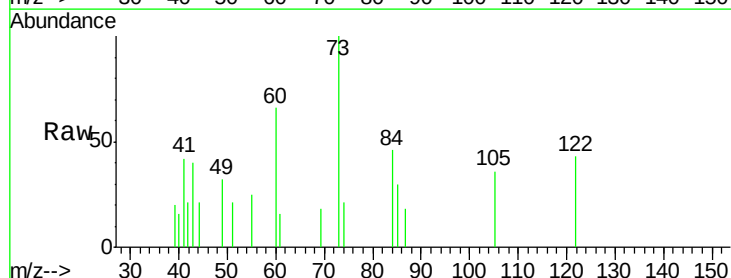
Instrument :
 BNA_G
 ClientSampled :
 GEN

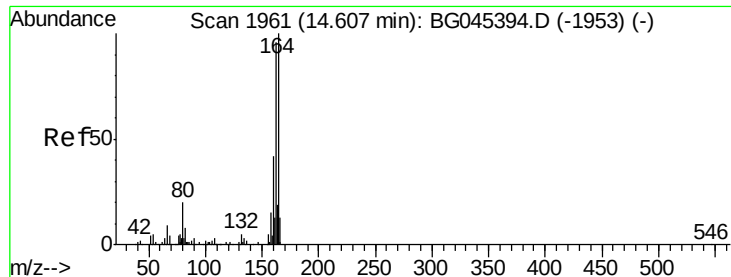
Tot Ion	82	Resp	409030
Ion Ratio	100	Lower	Upper
128	39.2	30.9	46.3
54	41.2	30.3	45.5



#32
 Benzoic acid
 Concen: 10.218 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG045676.D
 Acq: 10 Jun 2020 1:55

Tgt Ion	122	Resp	520
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	83.2	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

Instrument :

BNA_G

ClientSampleId :

GEN

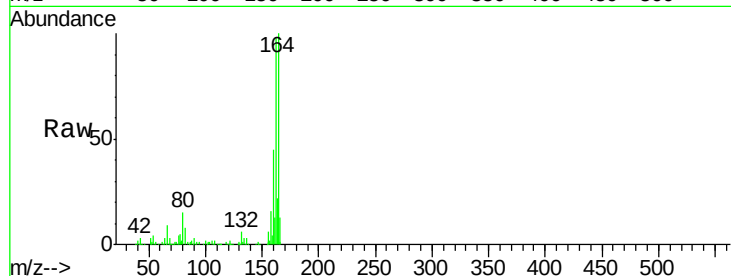
Tot Ion:164 Resp: 167475

Ion Ratio Lower Upper

164 100

162 97.9 76.9 115.3

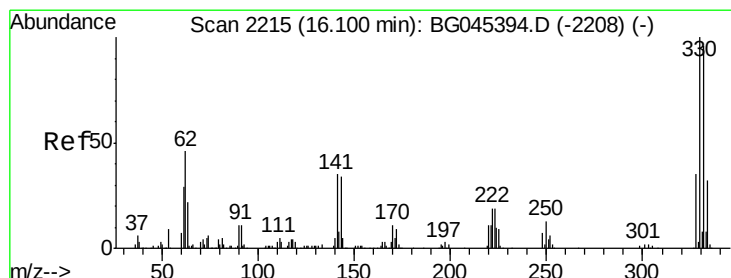
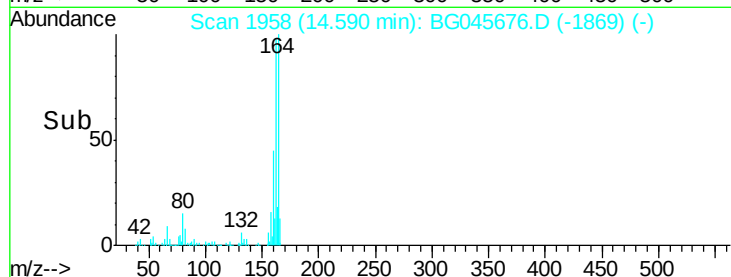
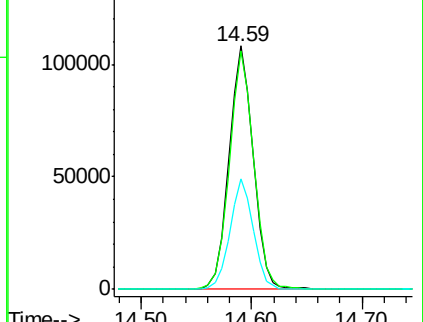
160 45.3 33.8 50.8



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: 140.013 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

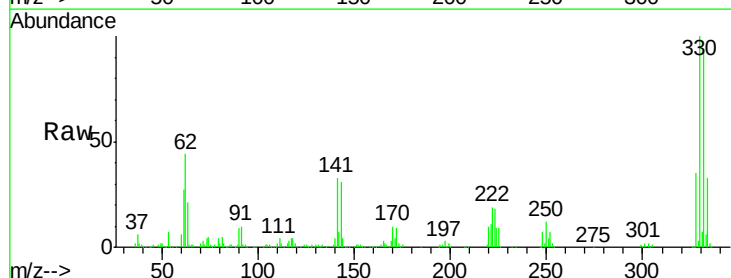
Tgt Ion:330 Resp: 299882

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

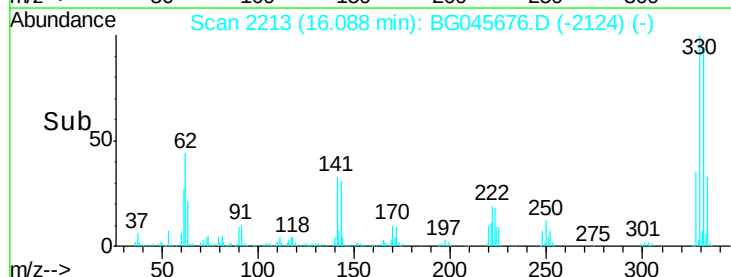
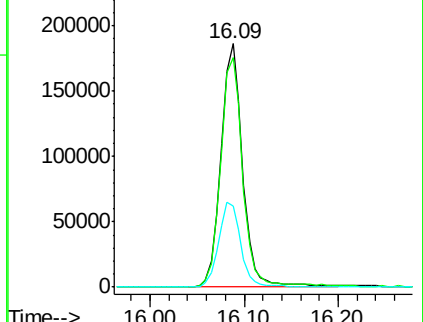
141 35.5 28.2 42.4

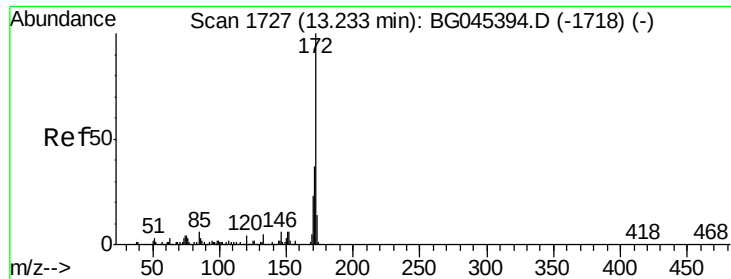


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

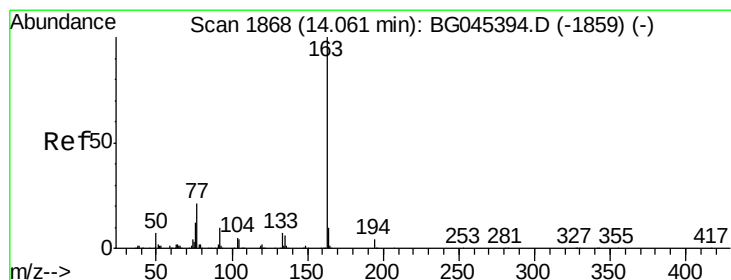
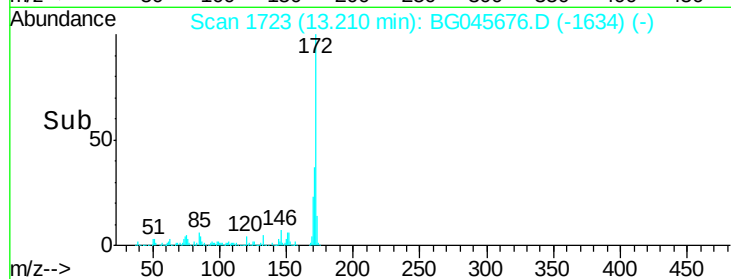
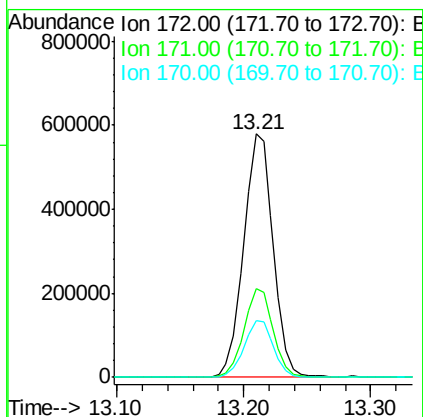
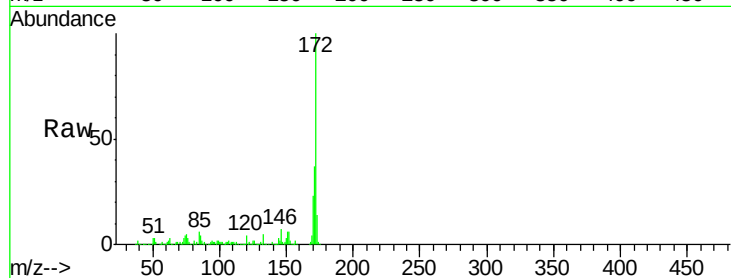




#45
2-Fluorobiphenyl
Concen: 94.636 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

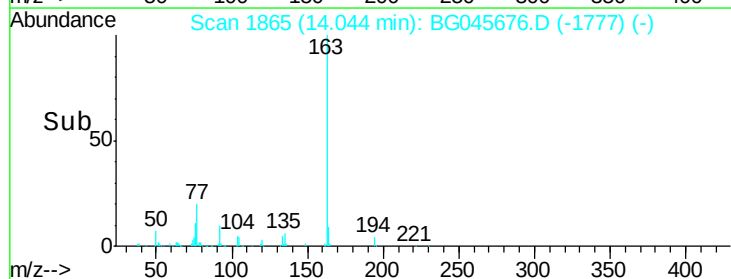
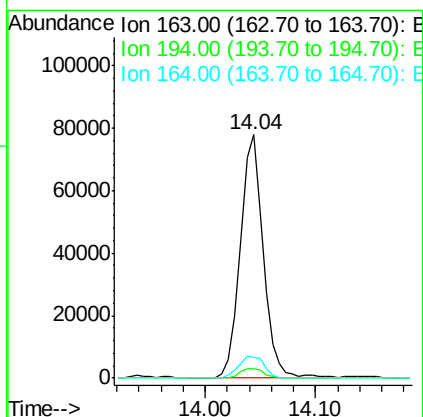
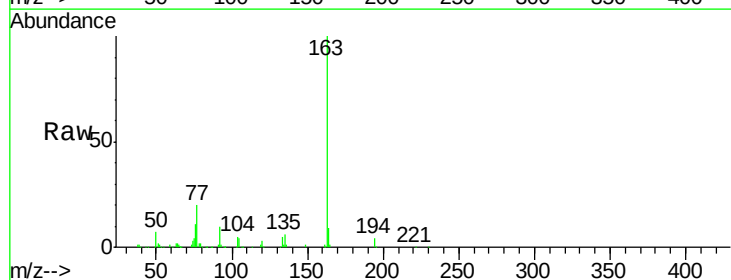
Instrument :
BNA_G
ClientSampleId :
GEN

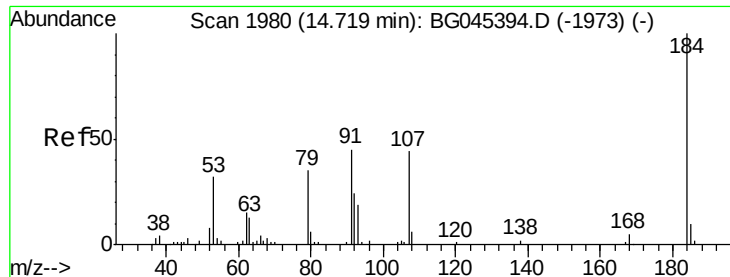
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.2	18.5	27.7



#50
Dimethylphthalate
Concen: 9.964 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	8.7	8.3	12.5

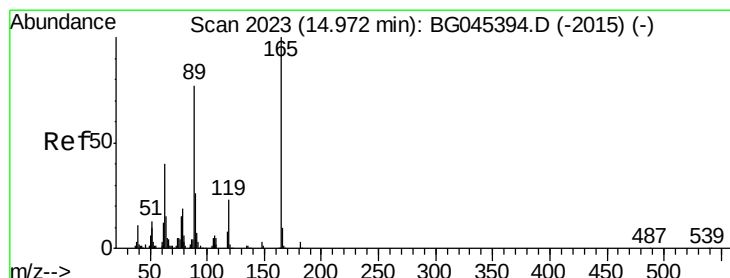
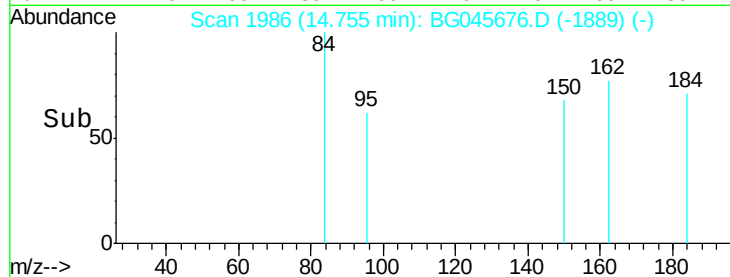
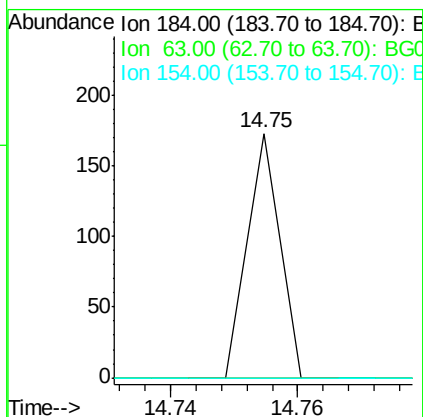
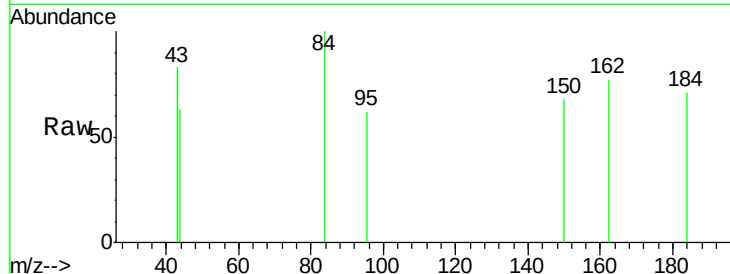




#54
 2,4-Dinitrophenol
 Concen: 5.492 ng
 RT: 14.75 min Scan# 1986
 Delta R.T. 0.04 min
 Lab File: BG045676.D
 Acq: 10 Jun 2020 1:55

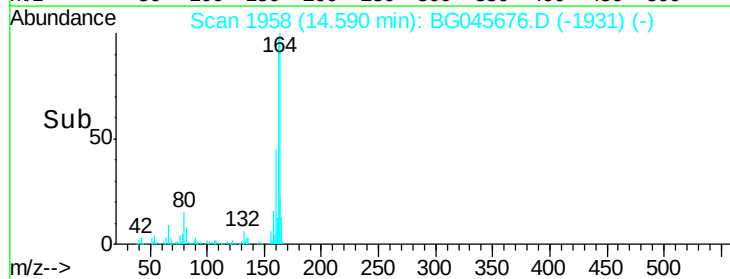
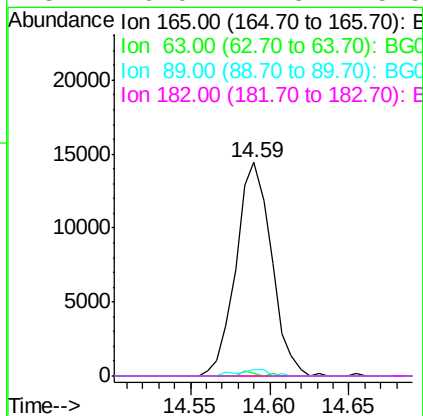
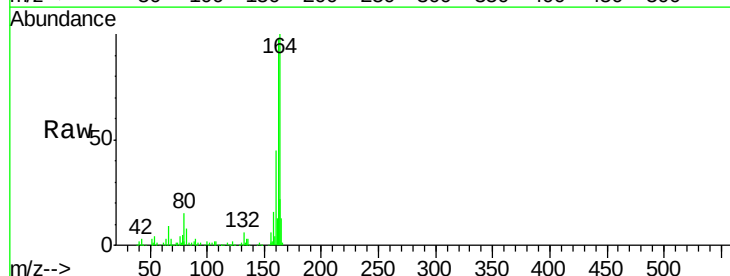
Instrument :
 BNA_G
 ClientSampleId :
 GEN

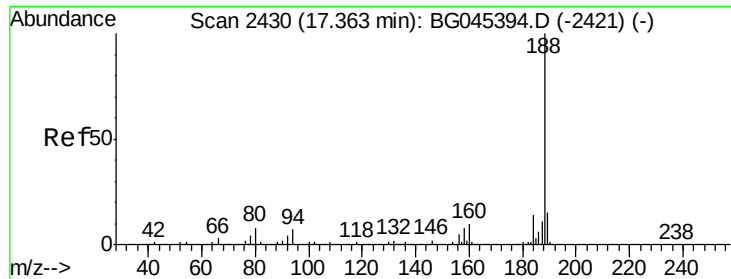
Tot Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.967 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045676.D
 Acq: 10 Jun 2020 1:55

Tgt Ion:165 Resp: 22402
 Ion Ratio Lower Upper
 165 100
 63 1.4 32.5 48.7#
 89 2.8 61.8 92.6#
 182 0.0 2.3 3.5#

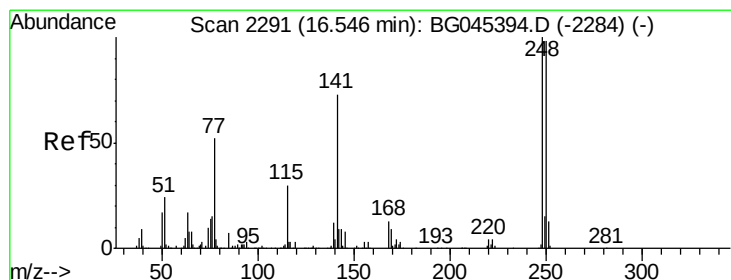
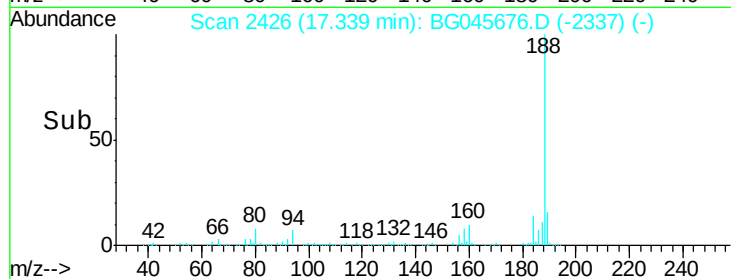
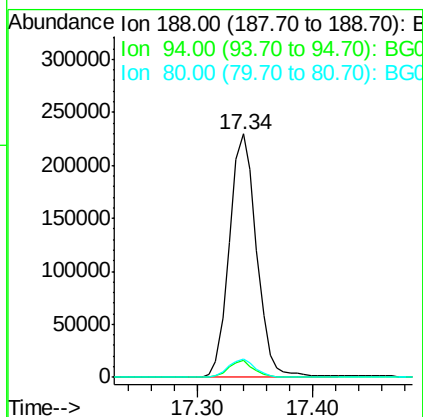
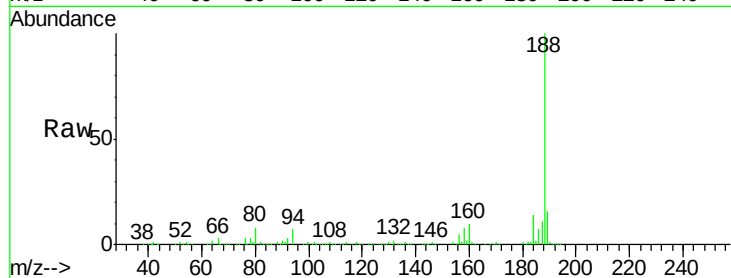




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

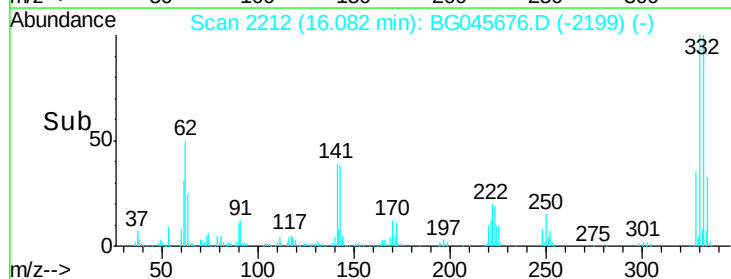
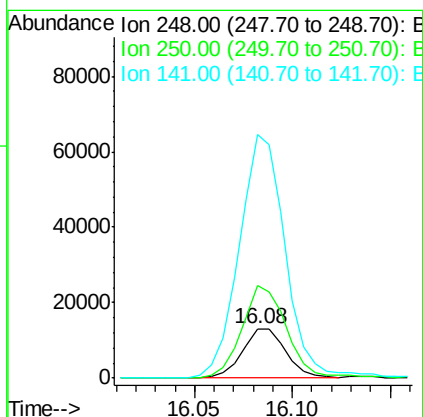
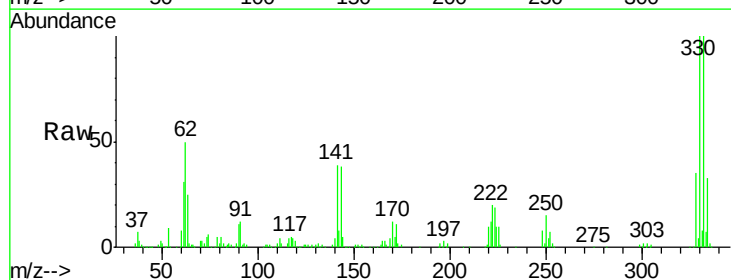
Instrument :
BNA_G
ClientSampleId :
GEN

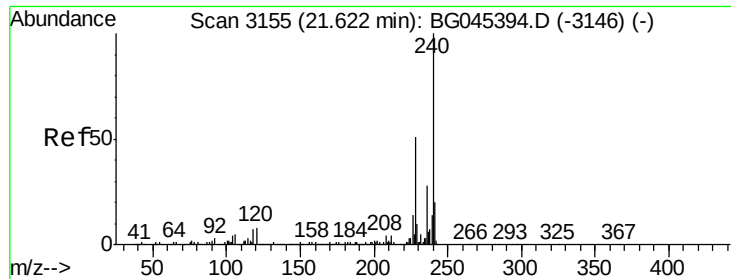
Tot Ion:188 Resp: 375899
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 7.6 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.967 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Tgt Ion:248 Resp: 20217
Ion Ratio Lower Upper
248 100
250 187.6 78.6 117.8#
141 493.3 58.2 87.2#

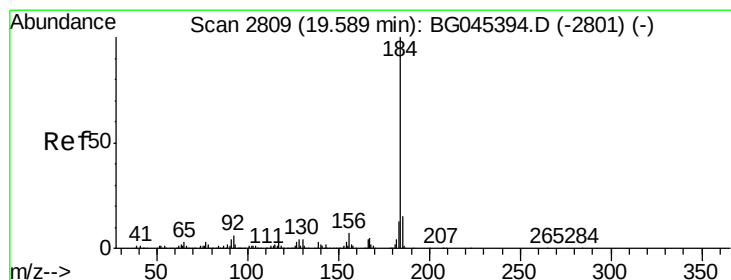
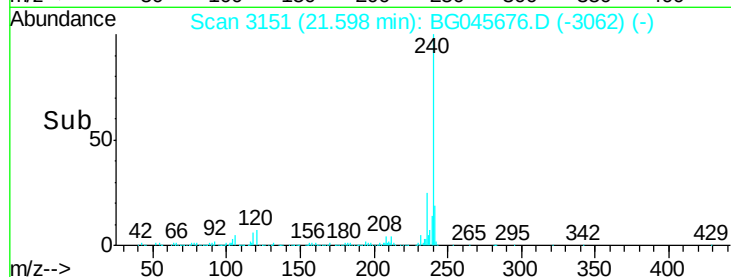
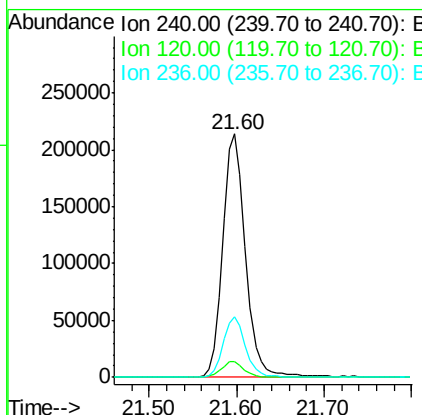
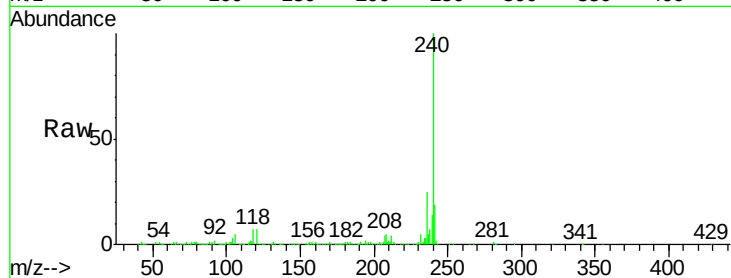




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

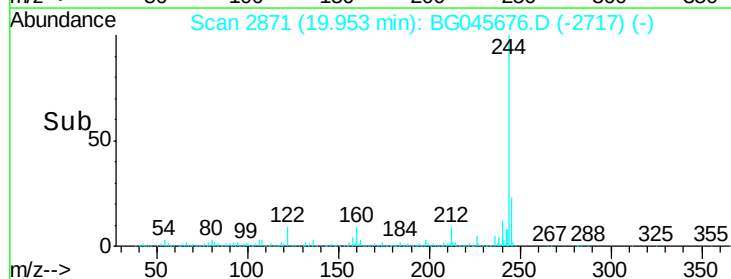
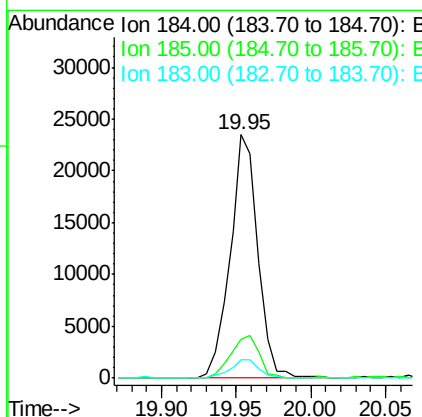
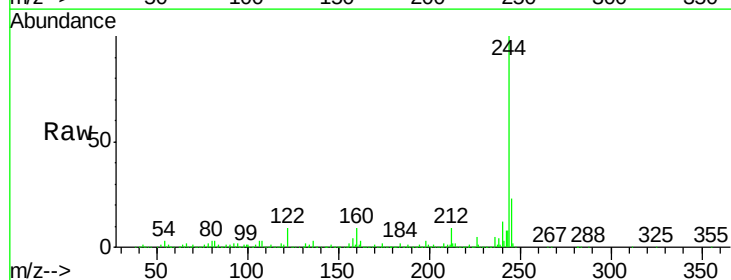
Instrument :
BNA_G
ClientSampled :
GEN

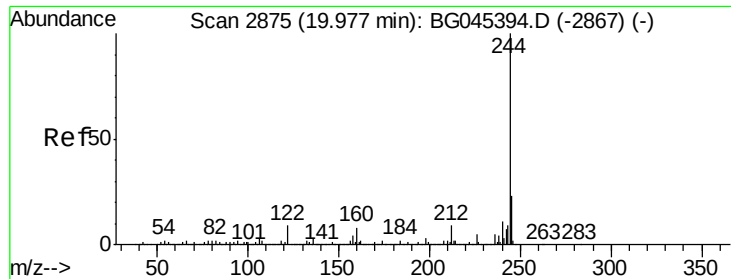
Tot Ion:240 Resp: 384139
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 24.7 22.3 33.5



#77
Benzidine
Concen: 2.824 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045676.D
Acq: 10 Jun 2020 1:55

Tgt Ion:184 Resp: 30470
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 7.7 10.2 15.4#





#79

Terphenyl-d14

Concen: 97.828 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

Instrument :

BNA_G

ClientSampled :

GEN

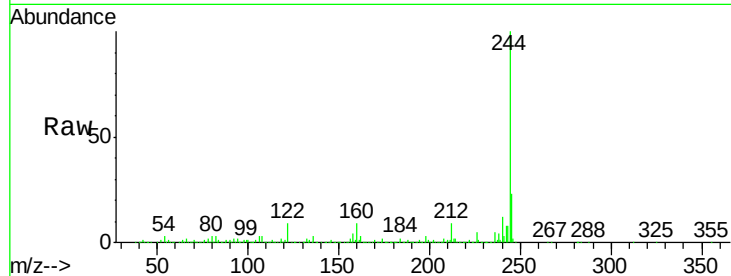
Tot Ion:244 Resp: 1611270

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

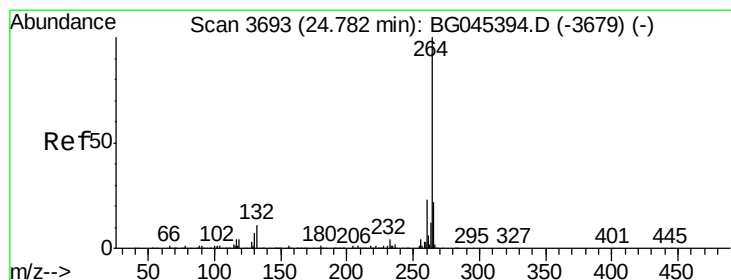
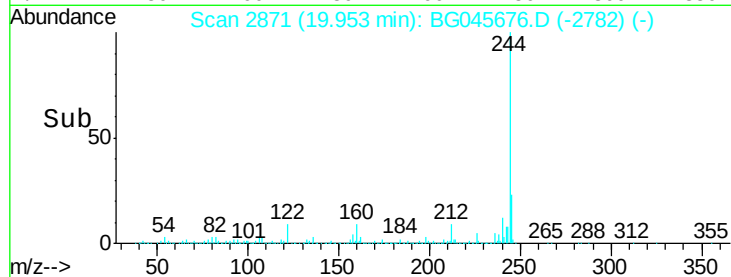
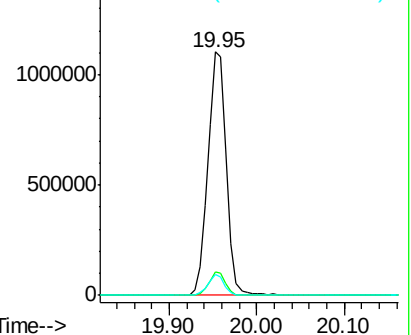
122 8.5 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045676.D

Acq: 10 Jun 2020 1:55

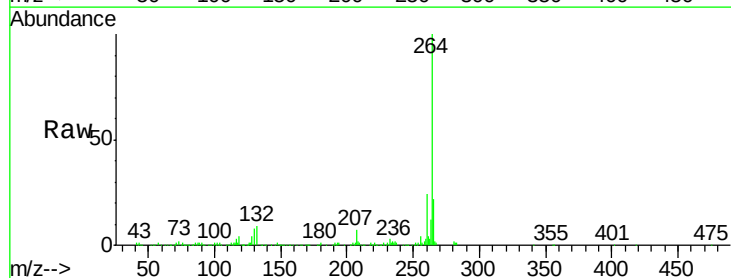
Tgt Ion:264 Resp: 404376

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.8 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

