

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
 Data File : BG045467.D
 Acq On : 26 May 2020 21:38
 Operator : CG/JU
 Sample : L2745-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 27 00:58:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	87912	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	361964	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	244365	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	532801	20.00	ng	0.00
76) Chrysene-d12	21.61	240	486760	20.00	ng	0.00
87) Perylene-d12	24.75	264	525443	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	354419	78.79	ng	0.00
7) Phenol-d6	7.18	99	552958	86.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	398893	60.10	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	280886	89.88	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	969675	67.31	ng	0.00
79) Terphenyl-d14	19.96	244	1408634	67.49	ng	0.00

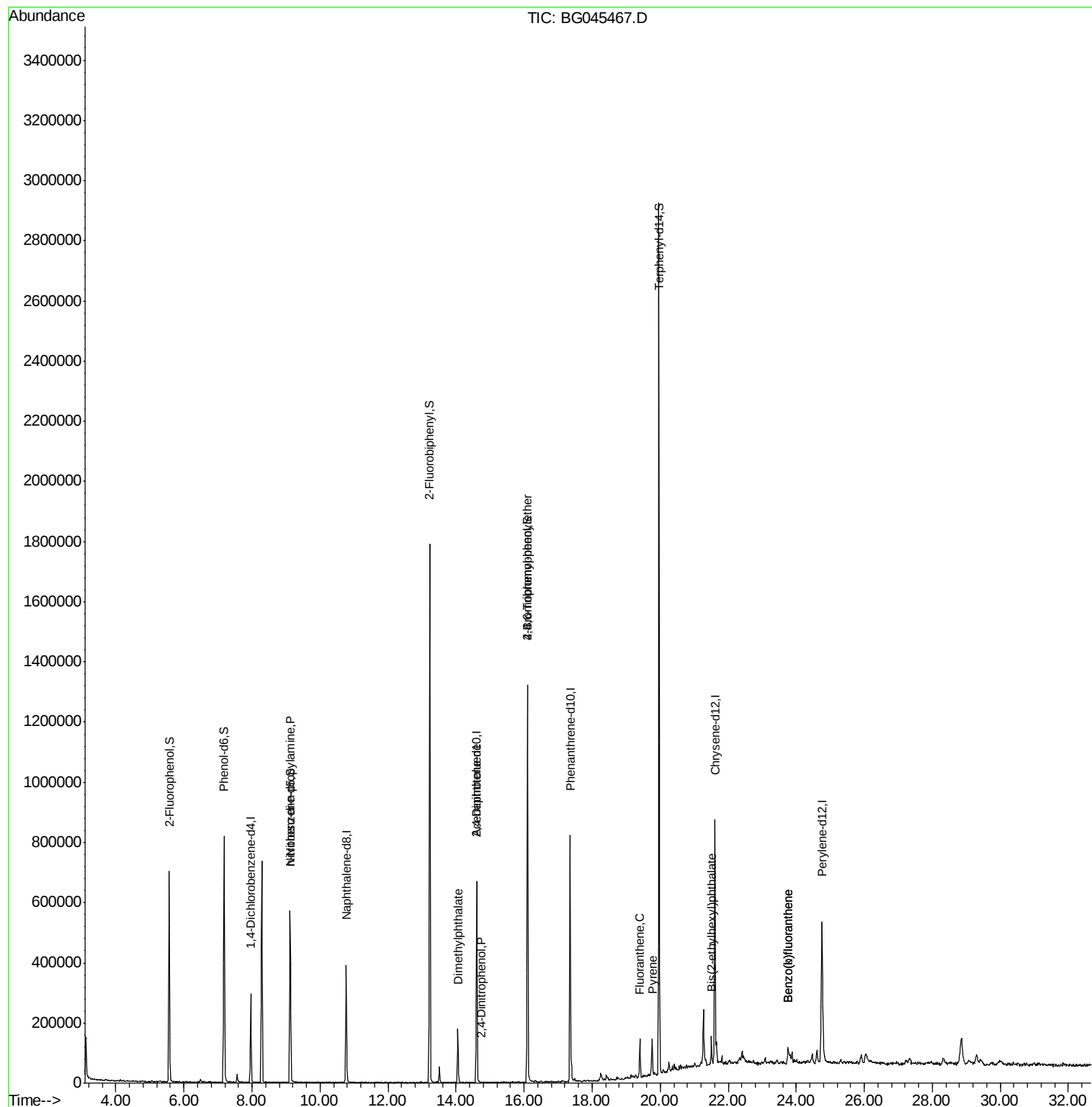
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.12	70	52959	11.961	ng	# 78
50) Dimethylphthalate	14.06	163	127563	7.610	ng	98
54) 2,4-Dinitrophenol	14.74	184	55	5.480	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	31717	5.790	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	18863	3.270	ng	# 1
75) Fluoranthene	19.40	202	85408	2.887	ng	95
78) Pyrene	19.77	202	82038	2.957	ng	96
84) Bis(2-ethylhexyl)phthalate	21.50	149	40146	2.438	ng	99
88) Benzo(b)fluoranthene	23.75	252	60287	2.139	ng	# 96
89) Benzo(k)fluoranthene	23.75	252	60287	2.277	ng	97

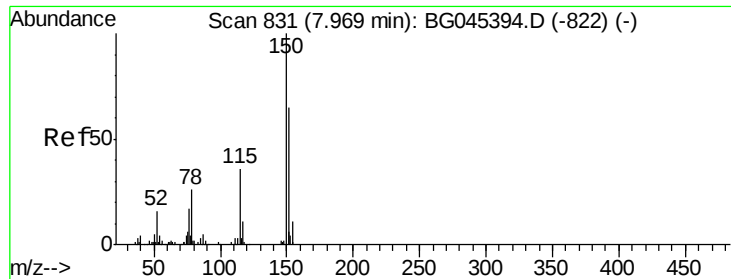
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045467.D
Acq On : 26 May 2020 21:38
Operator : CG/JU
Sample : L2745-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 27 00:58:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration



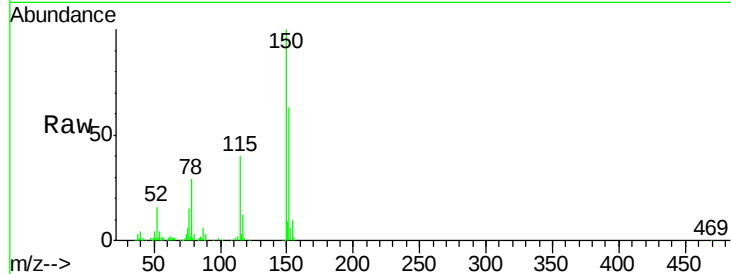


#1

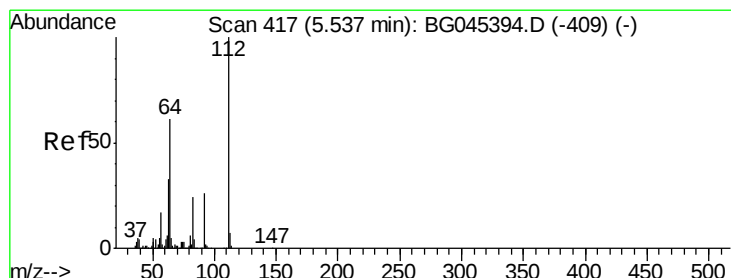
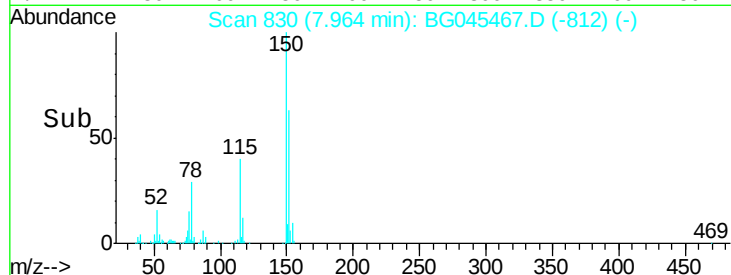
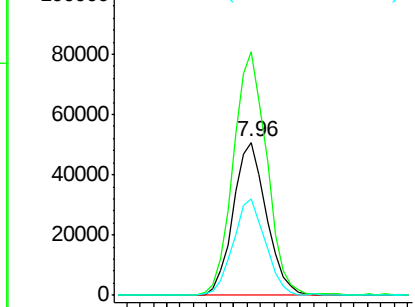
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 87912
Ion Ratio Lower Upper
152 100
150 159.1 122.4 183.6
115 62.9 44.2 66.4



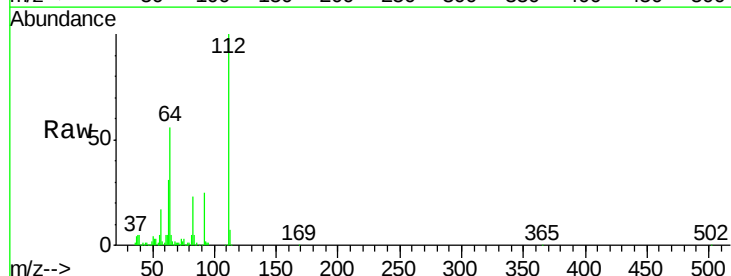
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



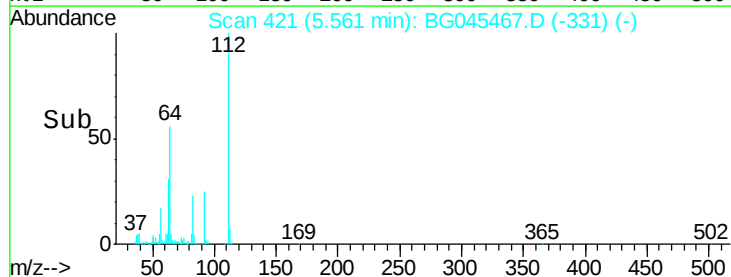
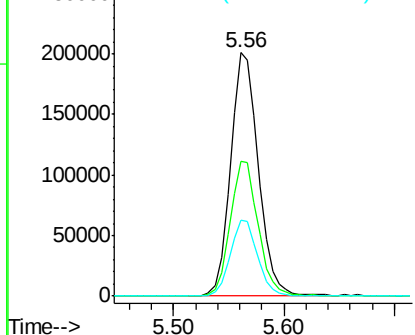
#5

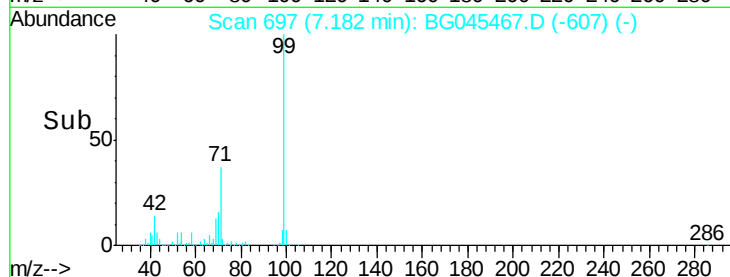
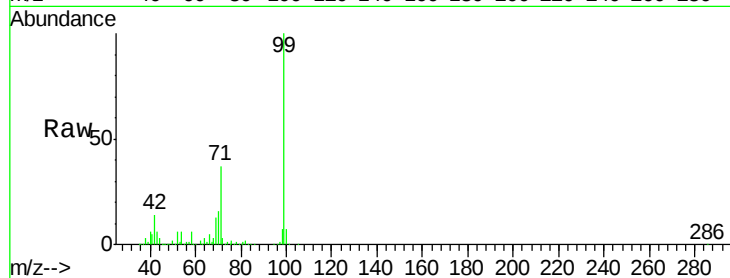
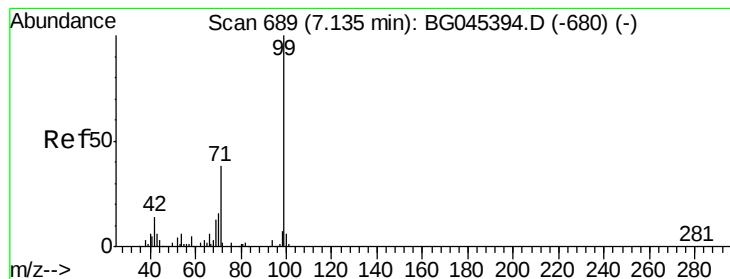
2-Fluorophenol
Concen: 78.788 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

Tgt Ion:112 Resp: 354419
Ion Ratio Lower Upper
112 100
64 55.6 48.6 72.8
63 31.4 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: 86.365 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

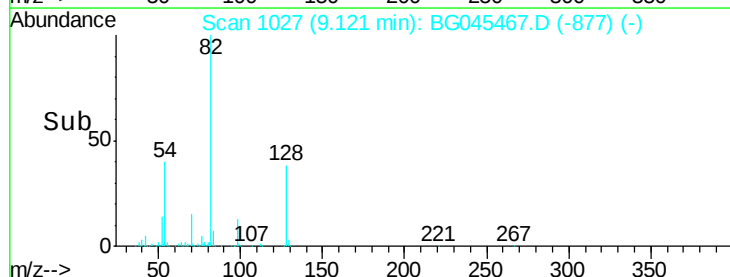
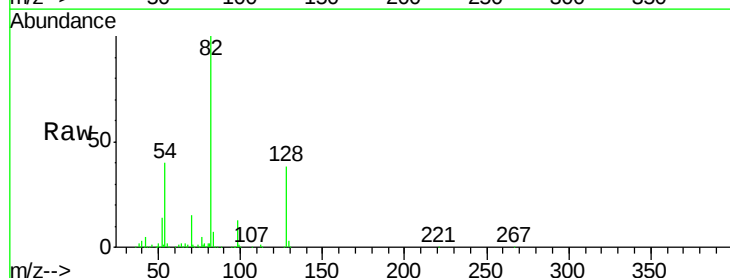
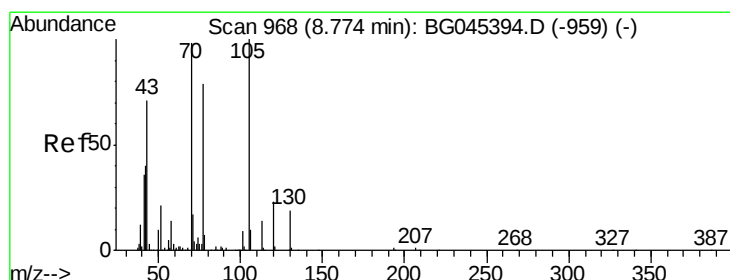
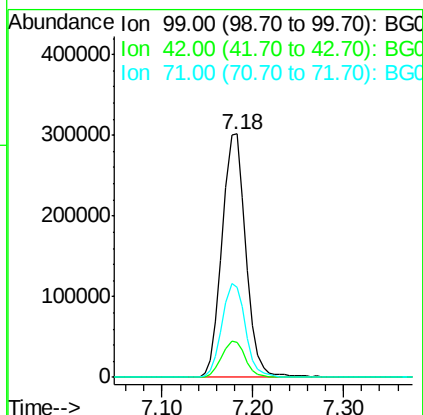
Tot Ion: 99 Resp: 552958

Ion Ratio Lower Upper

99 100

42 14.4 11.3 16.9

71 36.7 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.961 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.35 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Tgt Ion: 70 Resp: 52959

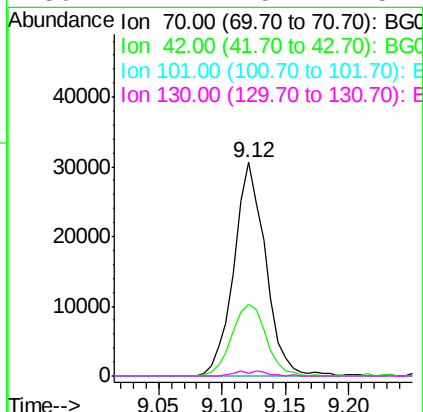
Ion Ratio Lower Upper

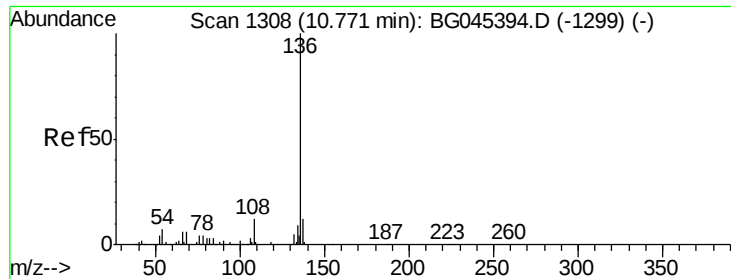
70 100

42 33.5 33.2 49.8

101 0.0 7.8 11.6#

130 1.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 361964

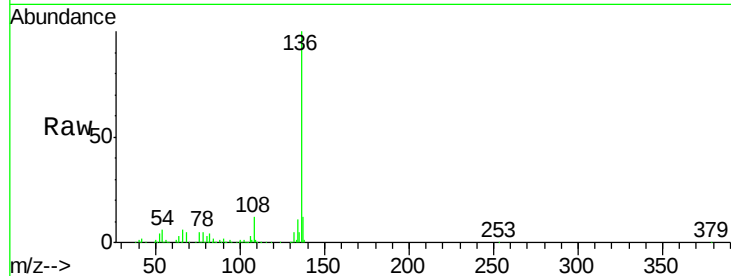
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.2

54 6.4 5.8 8.6

68 5.0 4.5 6.7

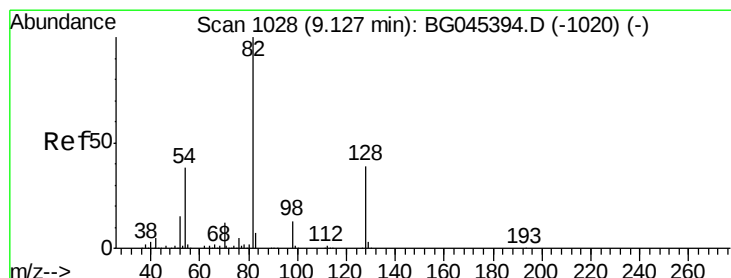
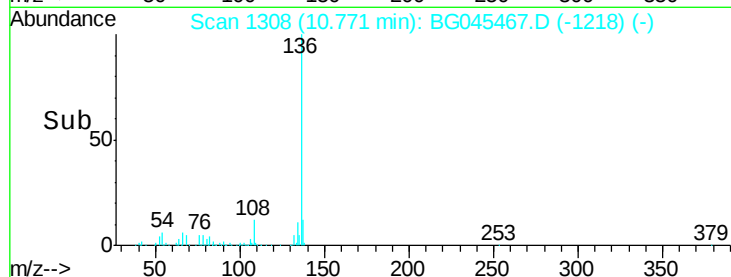
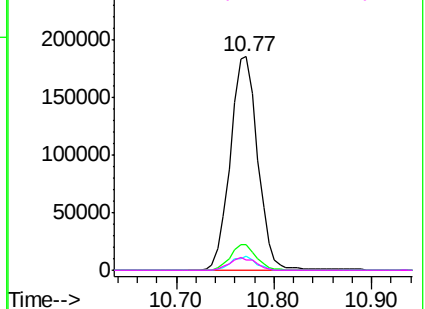


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.095 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

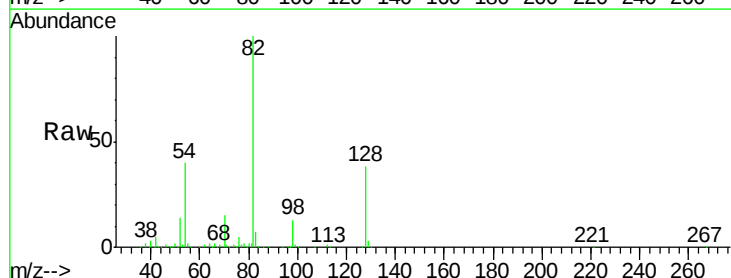
Tgt Ion: 82 Resp: 398893

Ion Ratio Lower Upper

82 100

128 38.5 30.9 46.3

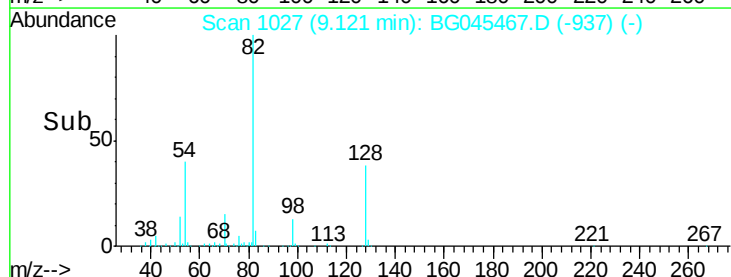
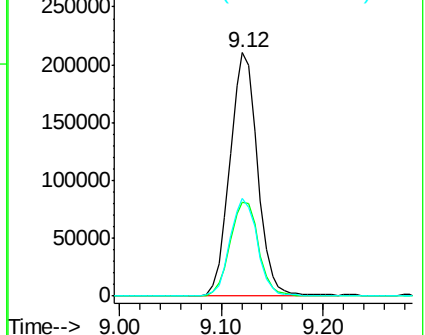
54 39.9 30.3 45.5

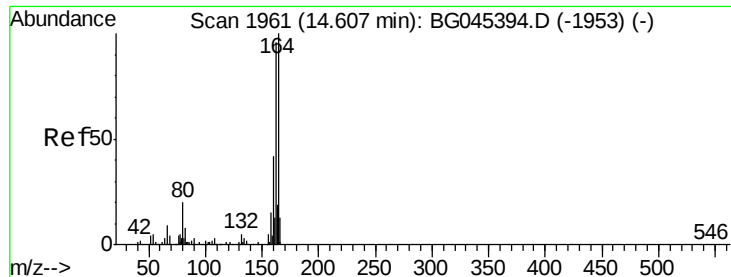


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

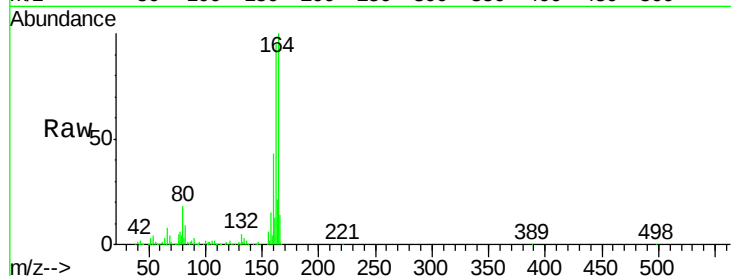
Tot Ion:164 Resp: 244365

Ion Ratio Lower Upper

164 100

162 95.4 76.9 115.3

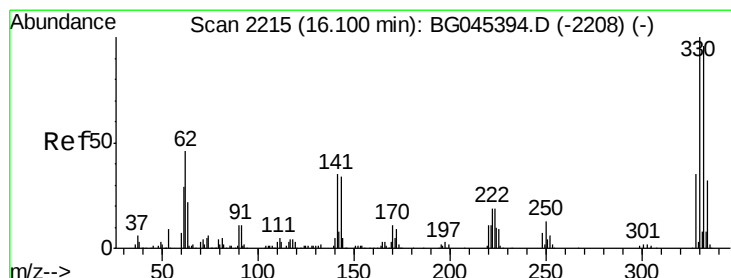
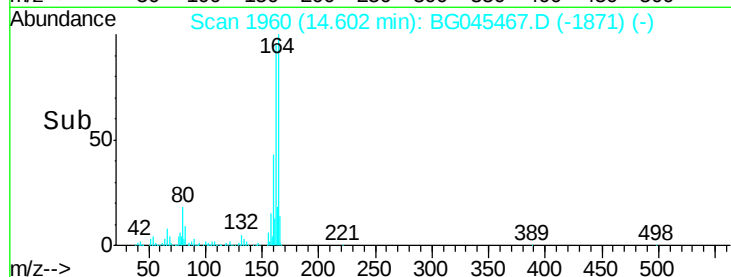
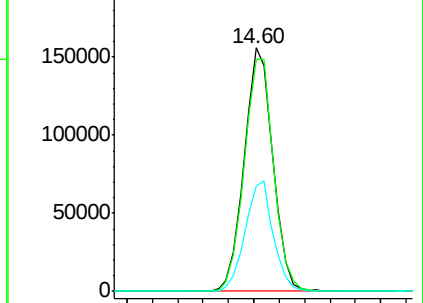
160 43.3 33.8 50.8



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: 89.879 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

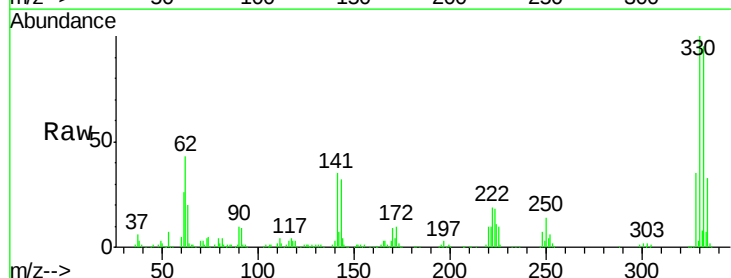
Tgt Ion:330 Resp: 280886

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

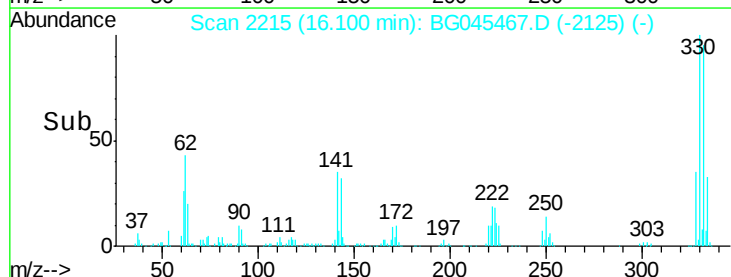
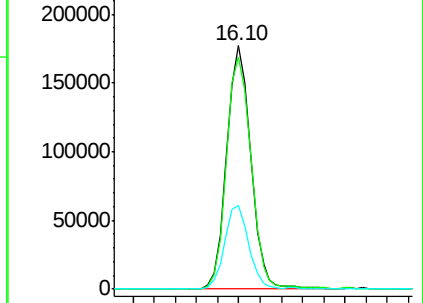
141 34.6 28.2 42.4

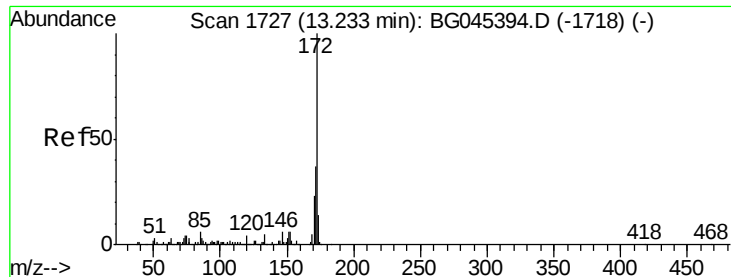


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

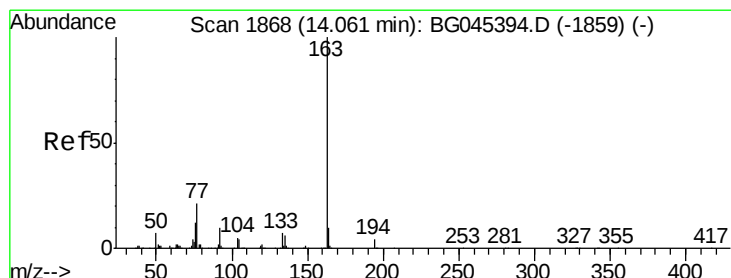
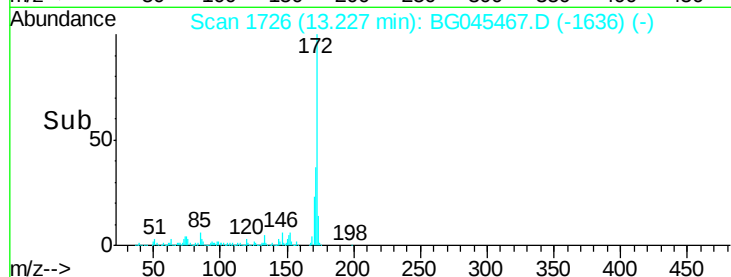
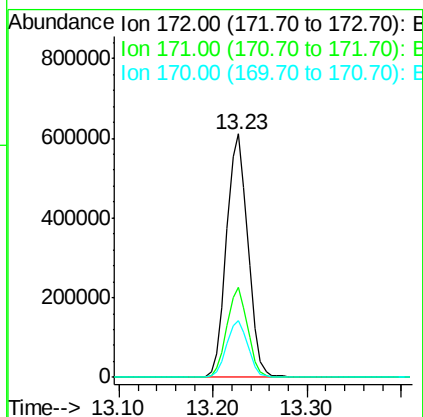
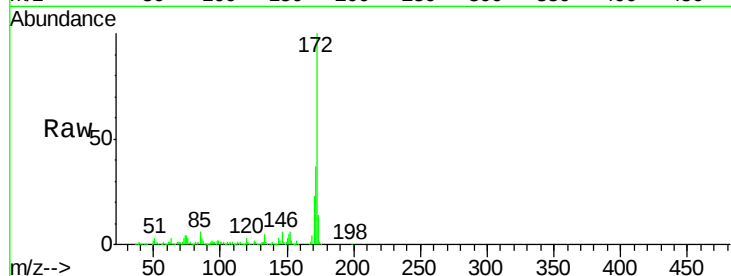




#45
2-Fluorobiphenyl
Concen: 67.308 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

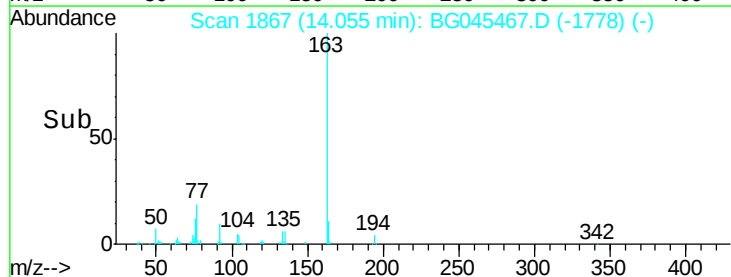
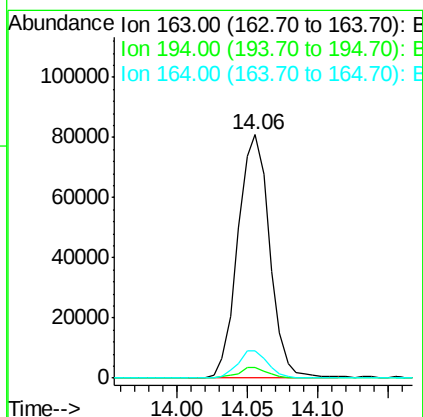
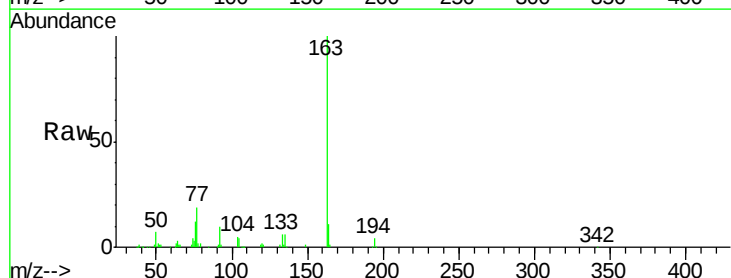
Instrument :
BNA_G
ClientSampleId :

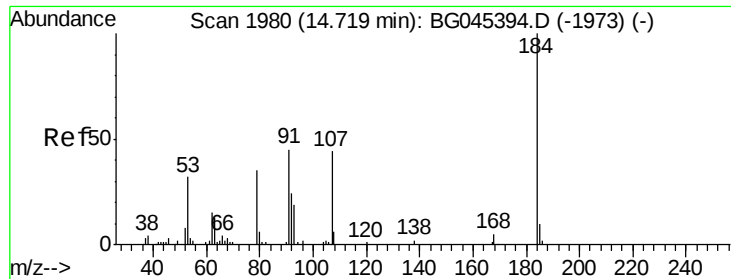
Tot Ion:172 Resp: 969675
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 23.3 18.5 27.7



#50
Dimethylphthalate
Concen: 7.610 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

Tgt Ion:163 Resp: 127563
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 11.4 8.3 12.5

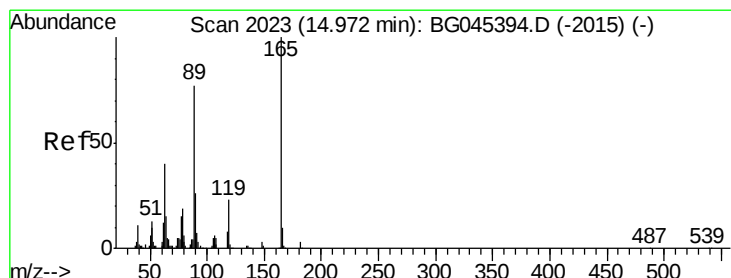
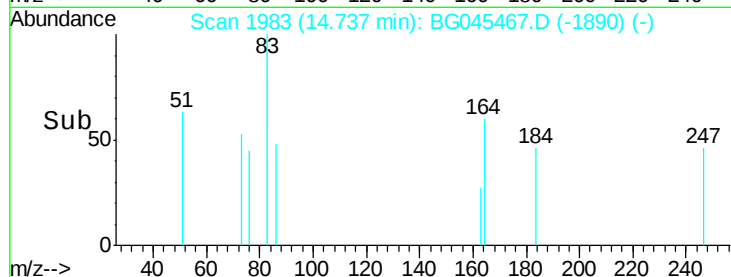
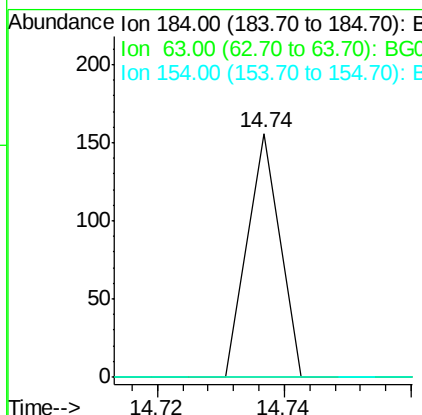
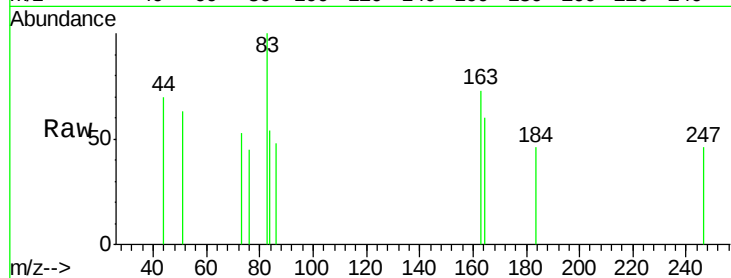




#54
 2,4-Dinitrophenol
 Concen: 5.480 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.02 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

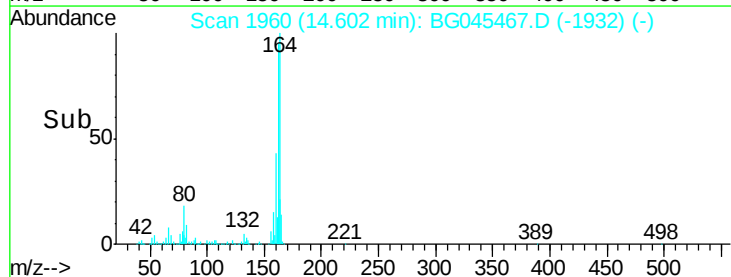
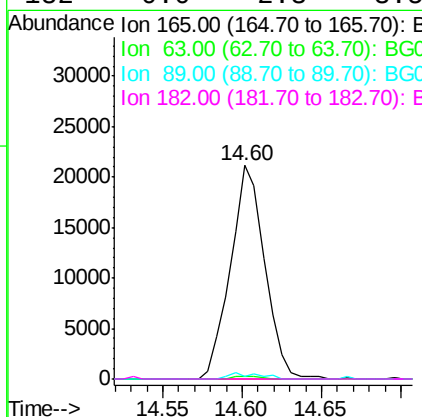
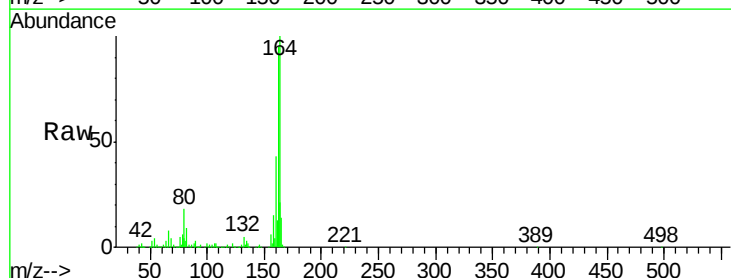
Instrument :
 BNA_G
 ClientSampleId :

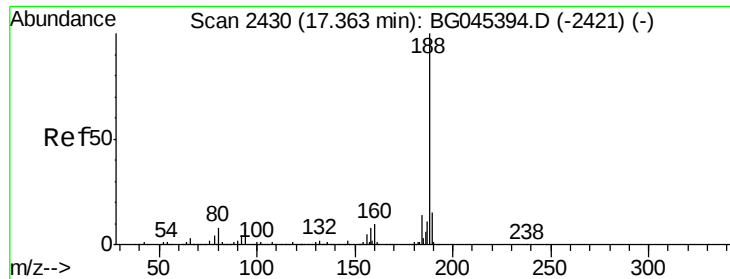
Tot Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.790 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.36 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

Tgt Ion:165 Resp: 31717
 Ion Ratio Lower Upper
 165 100
 63 1.4 32.5 48.7#
 89 1.5 61.8 92.6#
 182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

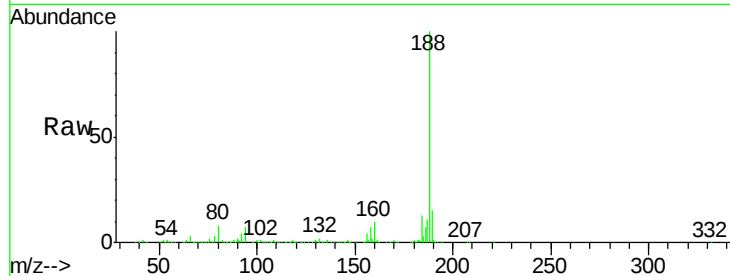
Tot Ion:188 Resp: 532801

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

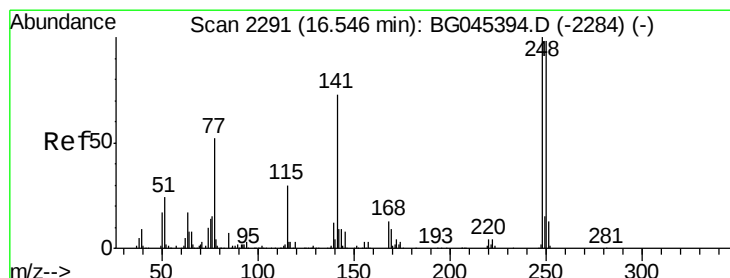
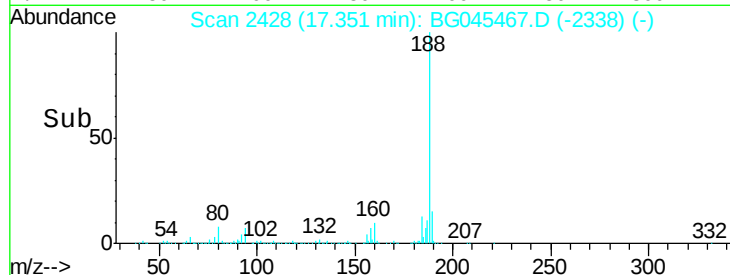
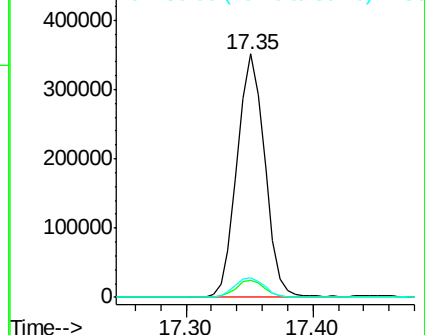
80 8.0 6.6 10.0



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: 3.270 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.44 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

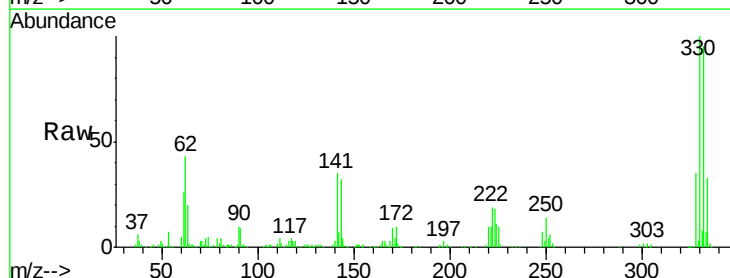
Tgt Ion:248 Resp: 18863

Ion Ratio Lower Upper

248 100

250 201.6 78.6 117.8#

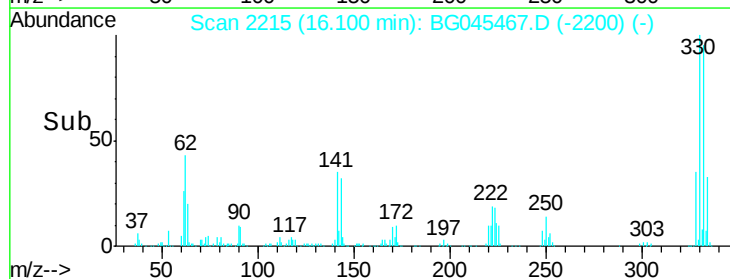
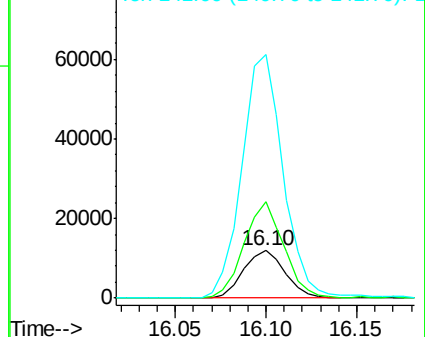
141 510.4 58.2 87.2#

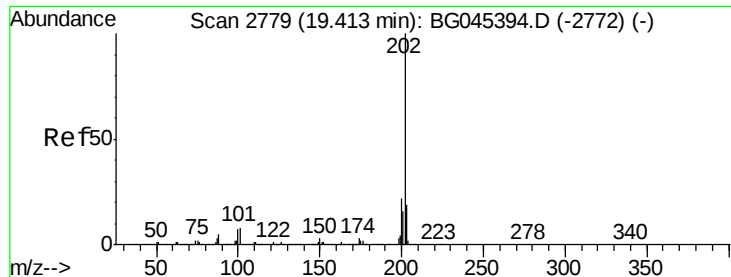


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

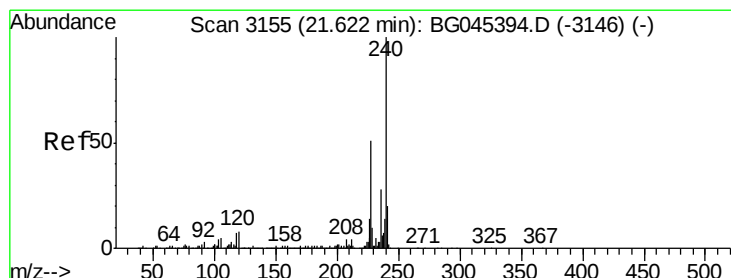
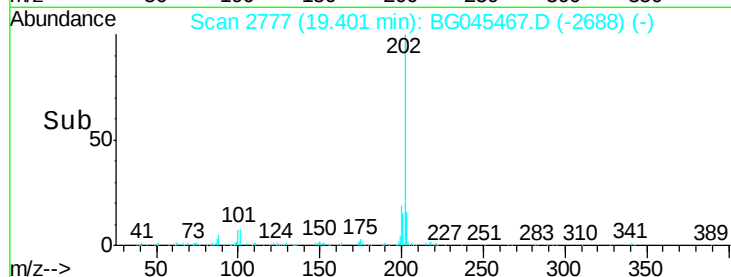
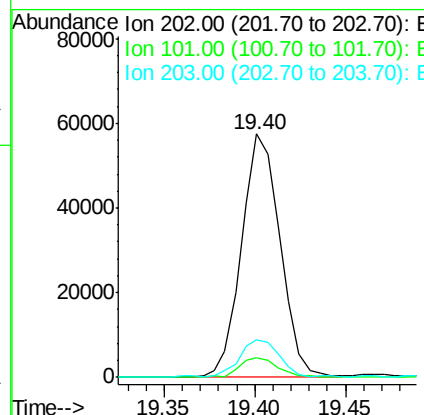
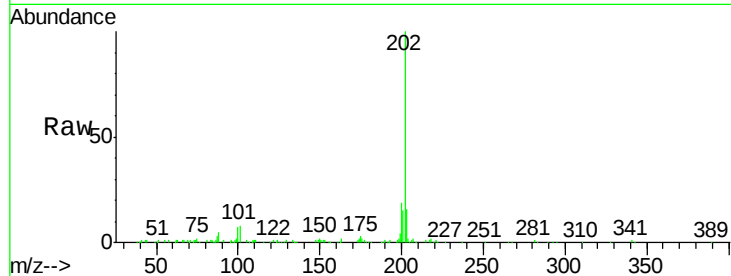




#75
 Fluoranthene
 Concen: 2.887 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

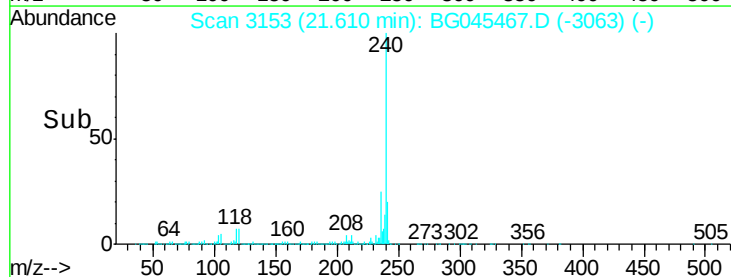
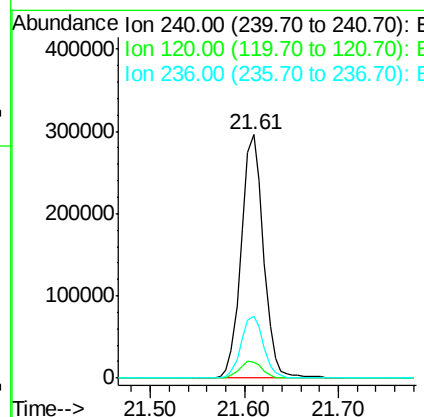
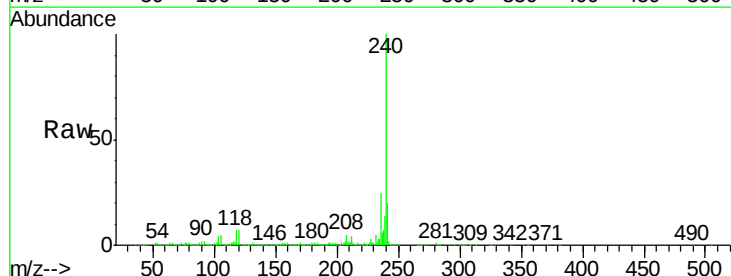
Instrument :
 BNA_G
 ClientSampleId :

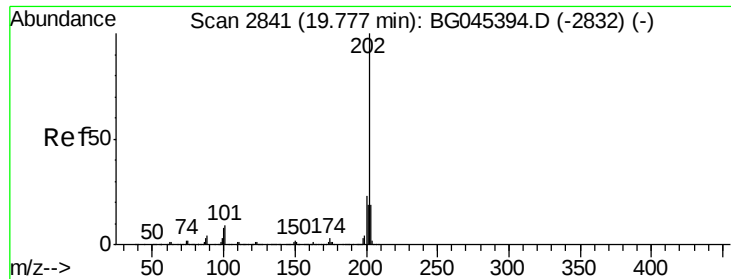
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	15.5	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	25.2	22.3	33.5





#78

Pvrene

Concen: 2.957 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

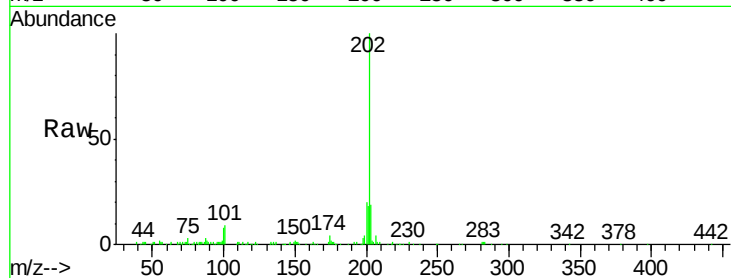
Tot Ion:202 Resp: 82038

Ion Ratio Lower Upper

202 100

200 20.0 18.2 27.2

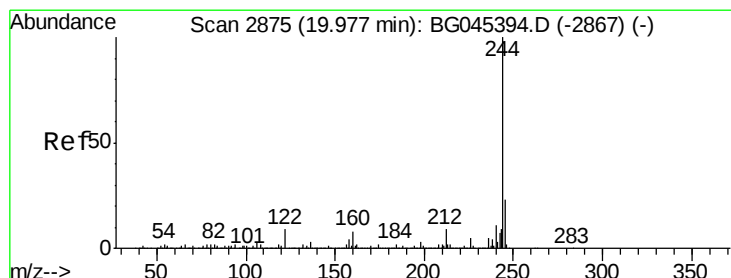
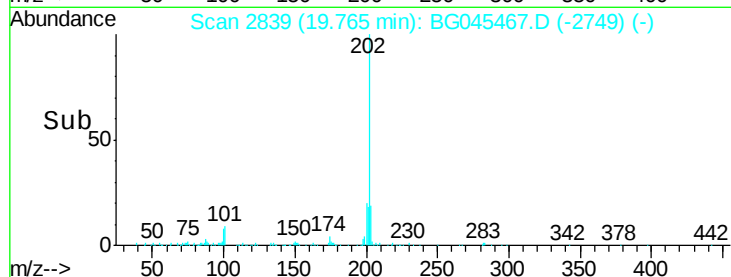
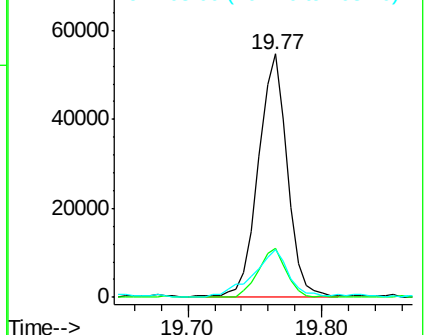
203 19.4 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 67.494 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

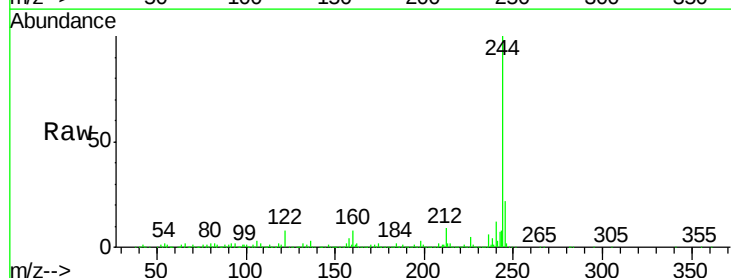
Tgt Ion:244 Resp: 1408634

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

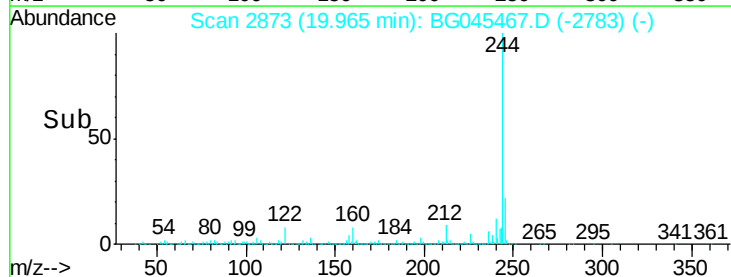
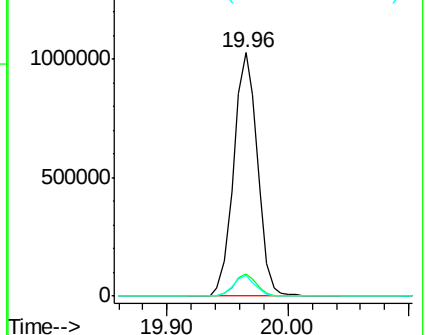
122 8.4 6.8 10.2

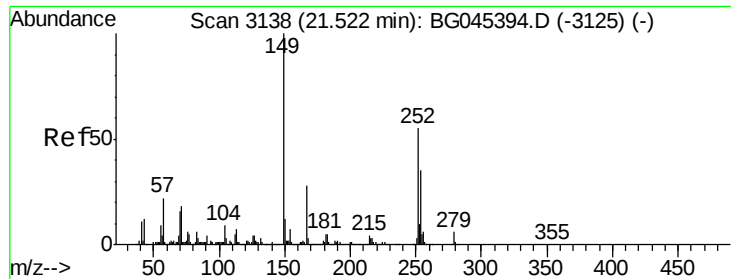


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.438 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

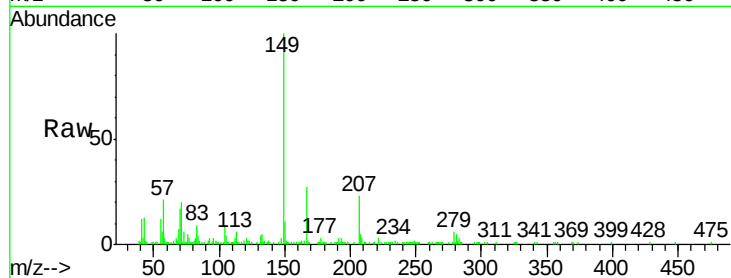
Tot Ion:149 Resp: 40146

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

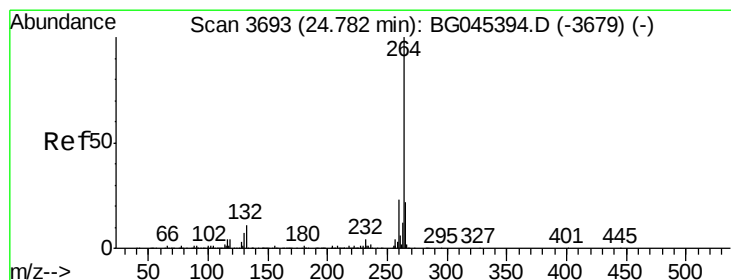
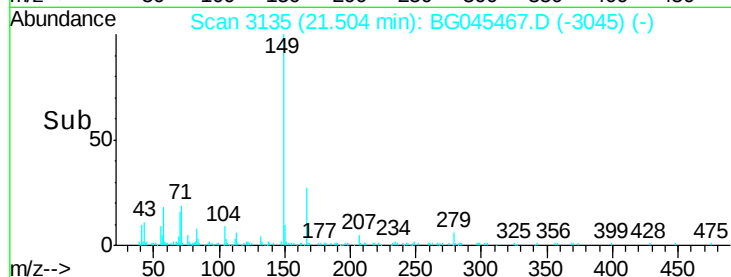
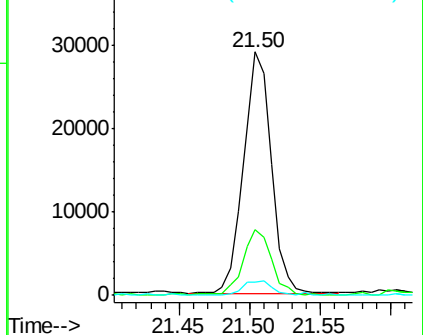
279 5.5 4.7 7.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

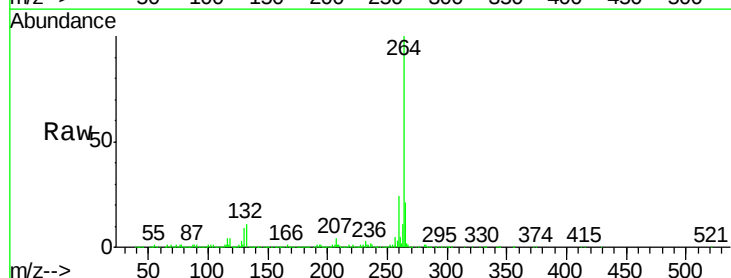
Tgt Ion:264 Resp: 525443

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

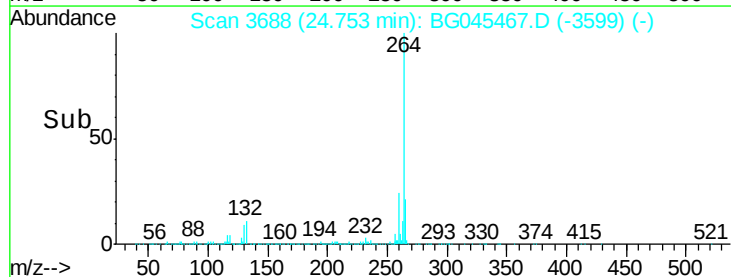
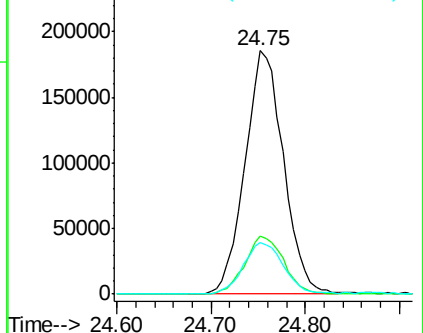
265 21.3 17.6 26.4

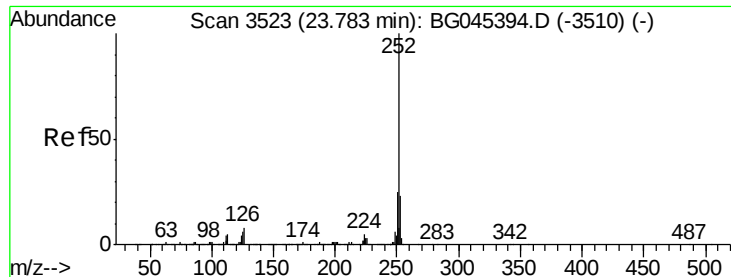


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.139 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG045467.D

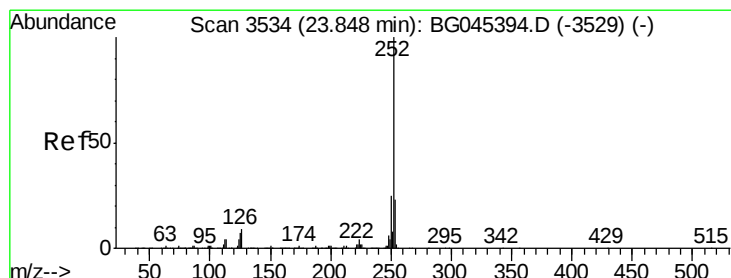
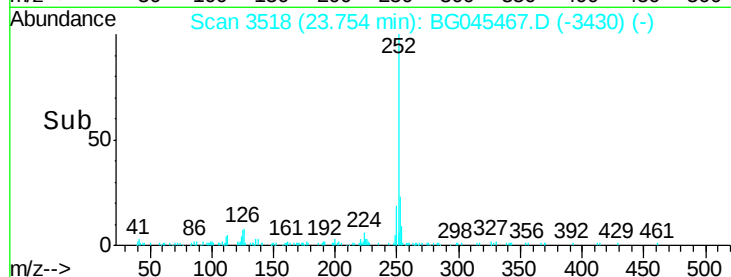
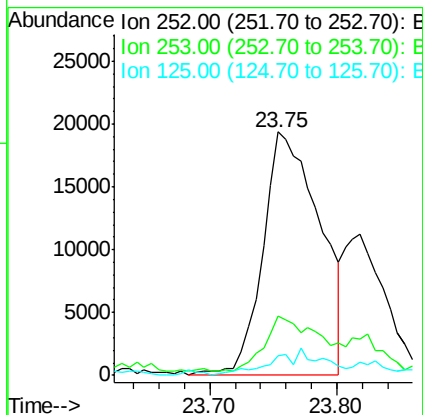
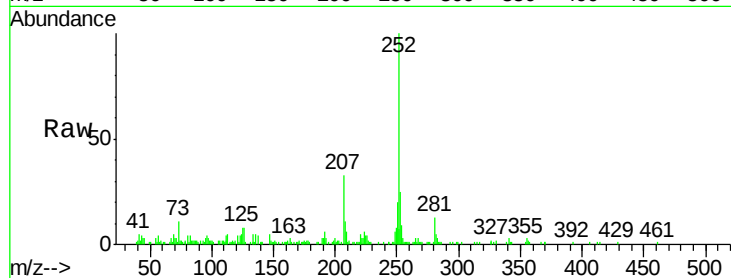
Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	60287
Ion Ratio	Lower	Upper
252	100	
253	24.6	18.1 27.1
125	8.1	5.0 7.6#



#89

Benzo(k)fluoranthene

Concen: 2.277 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.08 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Tgt Ion:252	Resp:	60287
Ion Ratio	Lower	Upper
252	100	
253	24.6	18.4 27.6
125	8.1	5.7 8.5

