

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045349.D
 Acq On : 13 May 2020 5:43
 Operator : CG/JU
 Sample : L2576-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 06:22:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62960	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	247440	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	172457	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	408577	20.00	ng	0.00
76) Chrysene-d12	21.62	240	413941	20.00	ng	0.00
87) Perylene-d12	24.78	264	449832	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	300310	78.75	ng	0.00
7) Phenol-d6	7.14	99	284270	50.17	ng	0.00
23) Nitrobenzene-d5	9.13	82	470459	86.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	384061	144.15	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1051496	89.40	ng	0.00
79) Terphenyl-d14	19.98	244	1950433	102.70	ng	0.00

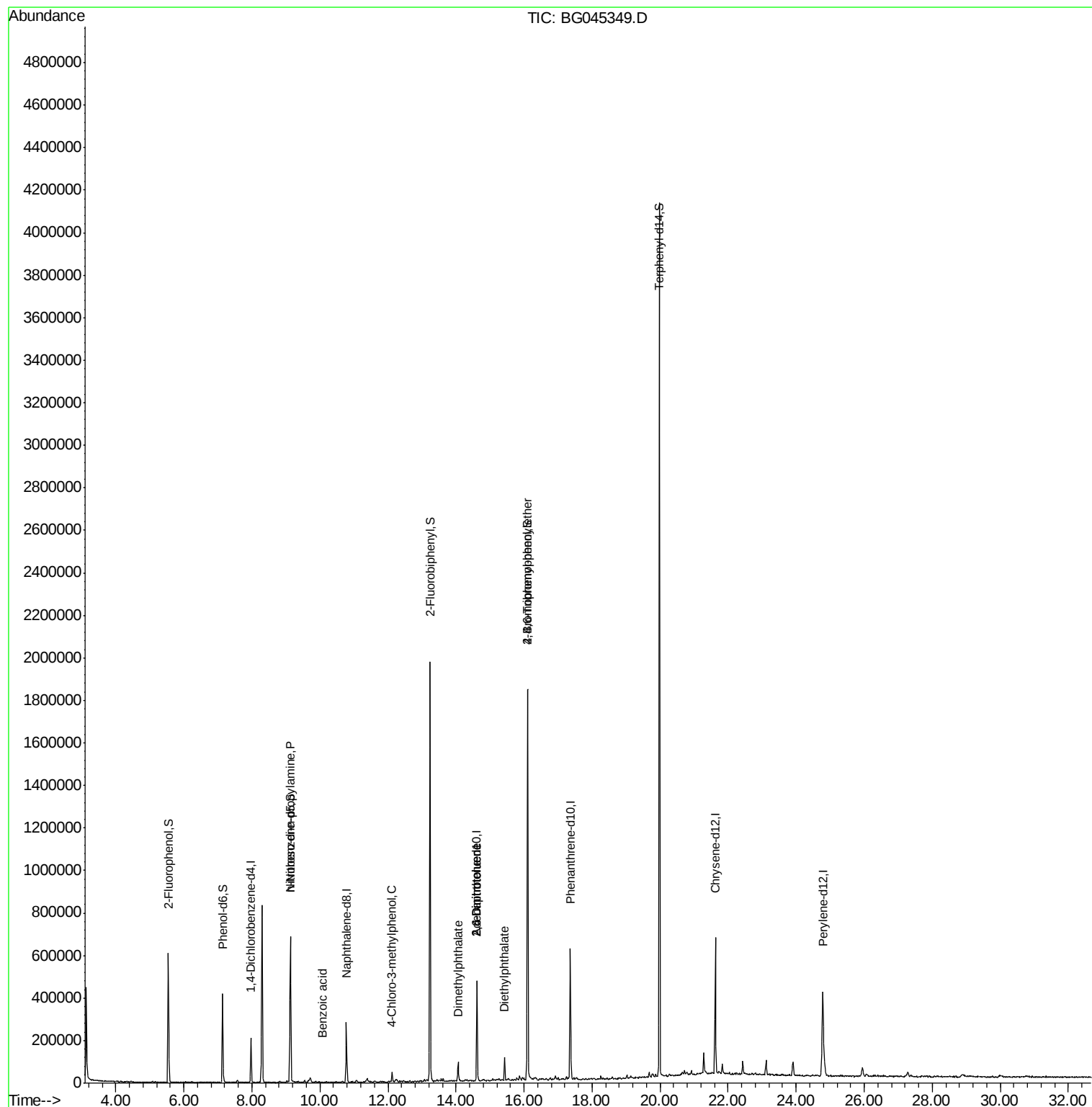
Target Compounds				Qvalue		
9) Benzaldehyde	7.11	77	58	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	63840	15.932	ng	80
32) Benzoic acid	10.09	122	57	6.390	ng	1
36) 4-Chloro-3-methylphenol	12.12	107	12366	2.400	ng	22
50) Dimethylphthalate	14.06	163	62649	4.461	ng	99
51) 2,6-Dinitrotoluene	14.62	165	22802	7.260	ng	24
57) 2,4-Dinitrotoluene	14.62	165	22802	4.968	ng	22
60) Diethylphthalate	15.43	149	60252	4.115	ng	98
67) 4-Bromophenyl-phenylether	16.11	248	26242	4.979	ng	1
69) Atrazine	16.82	200	115	Below Cal	#	1
74) Di-n-butylphthalate	18.33	149	5062	Below Cal	#	96
75) Fluoranthene	19.42	202	435	Below Cal	#	62
77) Benzidine	19.98	184	39404	Below Cal	#	91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045349.D
Acq On : 13 May 2020 5:43
Operator : CG/JU
Sample : L2576-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 13 06:22:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration



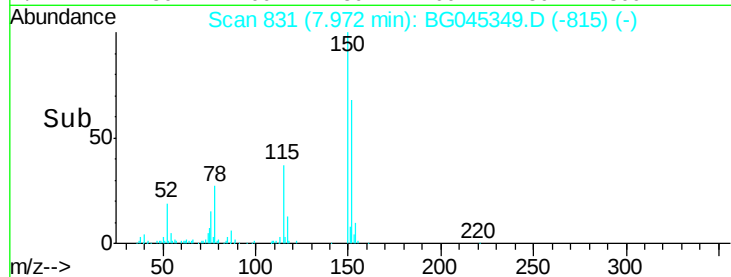
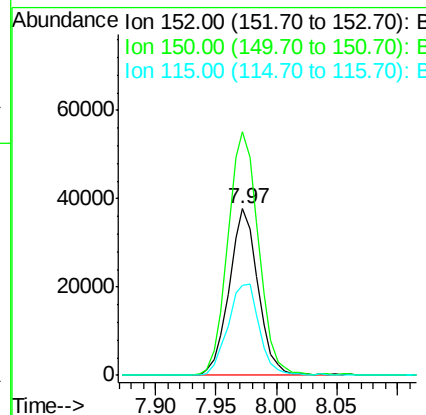
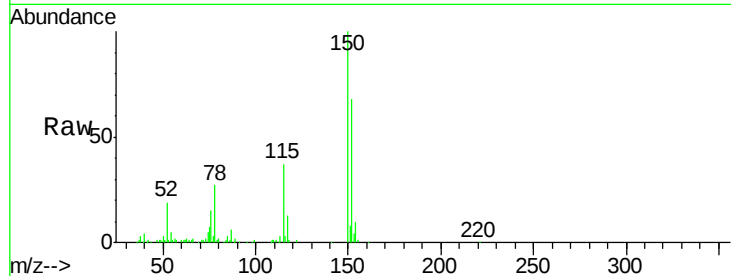


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :

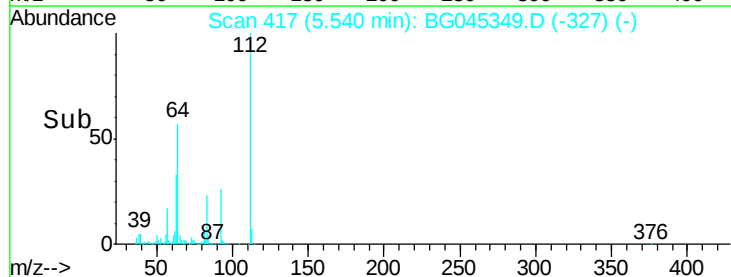
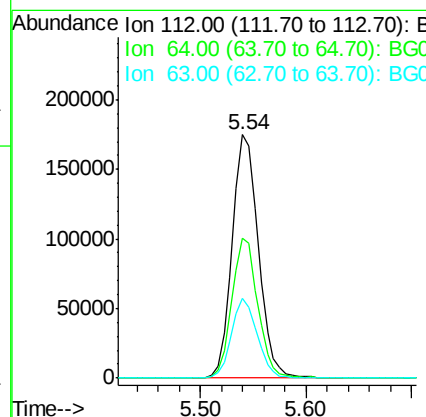
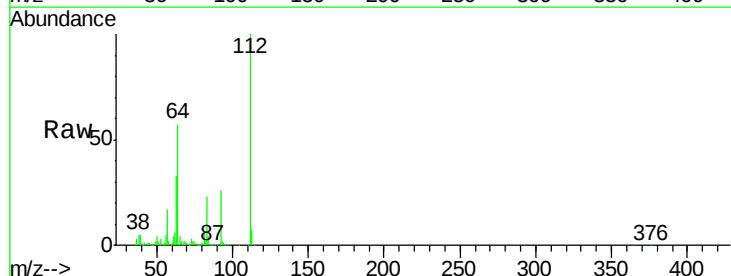
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	123.6	185.4
115	54.2	49.1	73.7

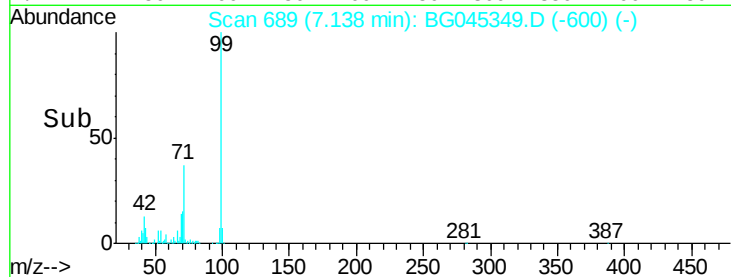
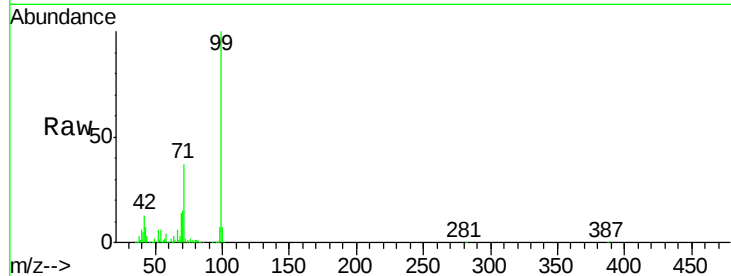
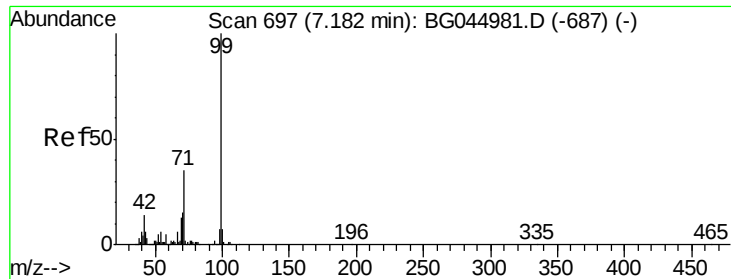


#5

2-Fluorophenol
Concen: 78.748 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	32.9	23.1	34.7





#7

Phenol-d6

Concen: 50.171 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampleId :

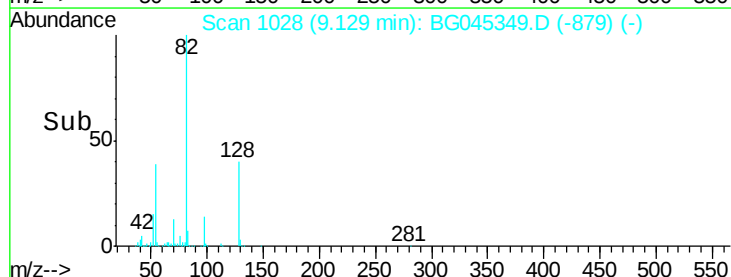
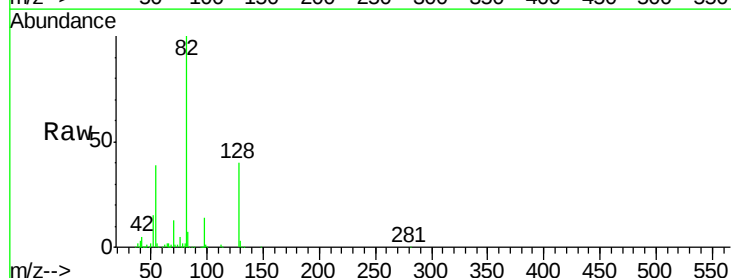
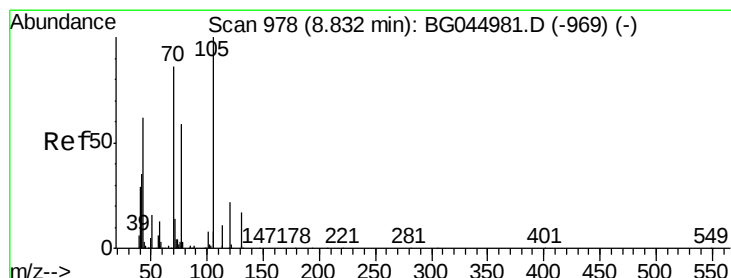
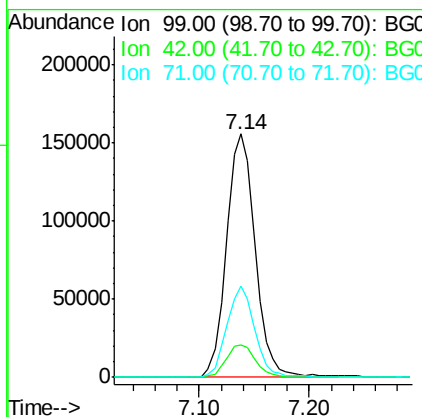
Tot Ion: 99 Resp: 284270

Ion Ratio Lower Upper

99 100

42 13.3 11.3 16.9

71 37.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.932 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.35 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Tgt Ion: 70 Resp: 63840

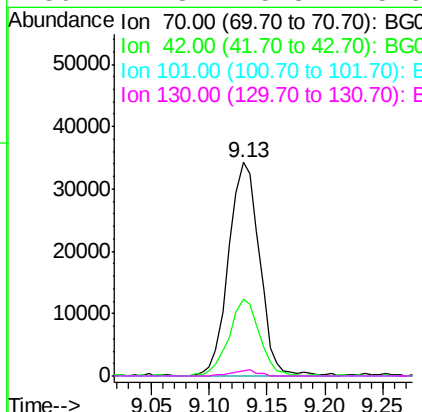
Ion Ratio Lower Upper

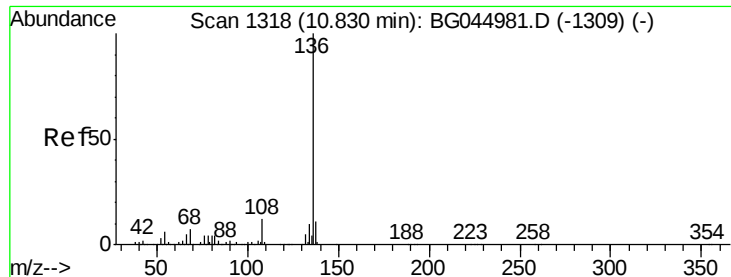
70 100

42 35.8 33.3 49.9

101 0.0 7.8 11.8#

130 2.3 15.8 23.6#

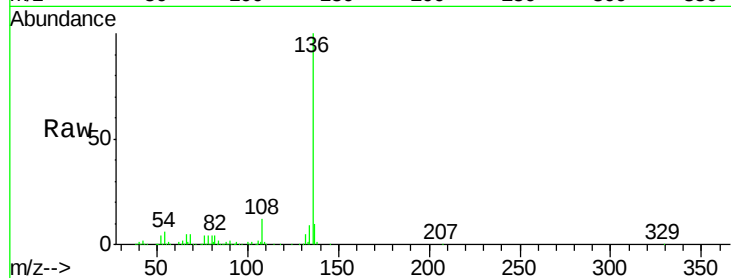




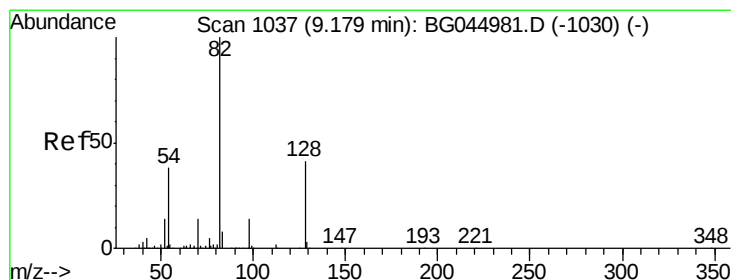
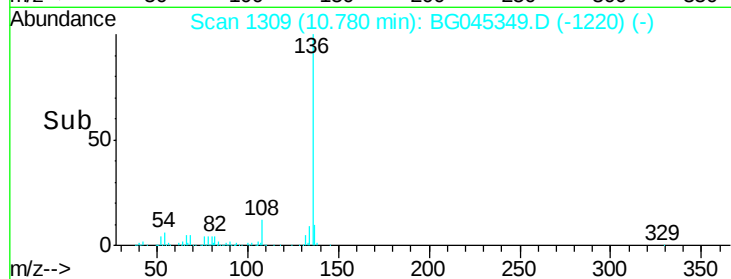
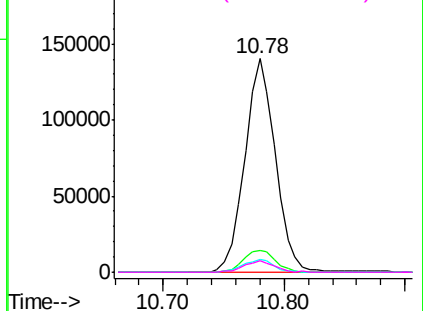
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247440
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	5.8	4.8 7.2
68	5.3	5.2 7.8

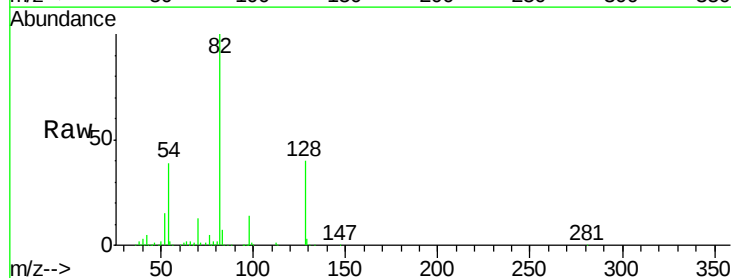


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

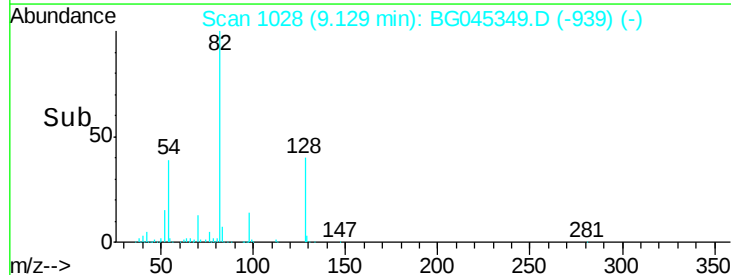
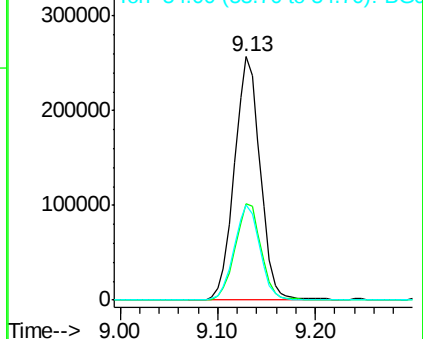


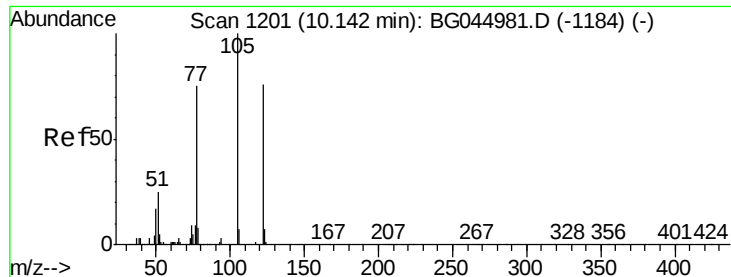
#23
Nitrobenzene-d5
Concen: 86.754 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion: 82	Resp:	470459
Ion Ratio	Lower	Upper
82	100	
128	39.7	33.0 49.4
54	39.1	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.390 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BG045349.D

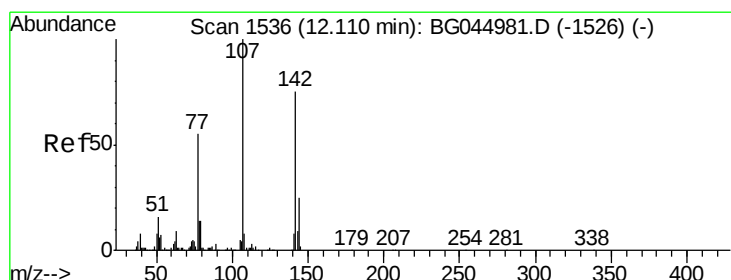
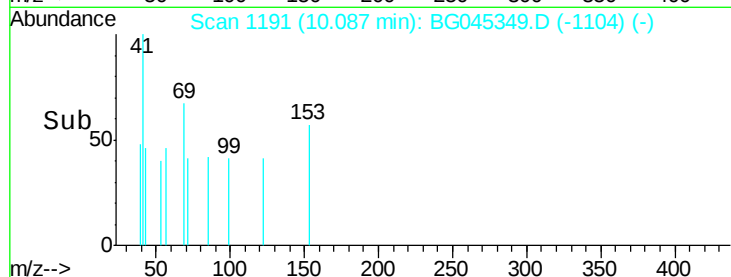
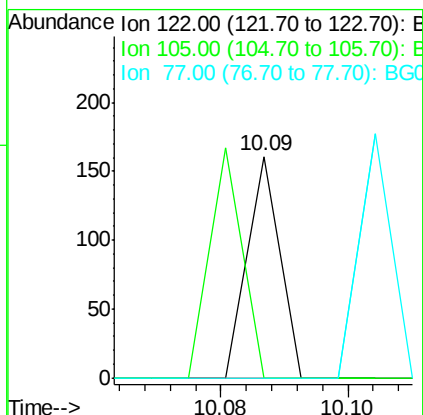
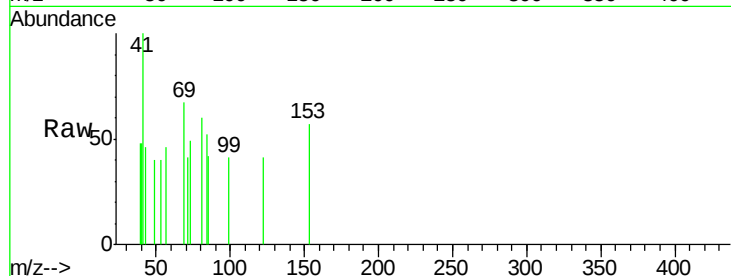
Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



#36

4-Chloro-3-methylphenol

Concen: 2.400 ng

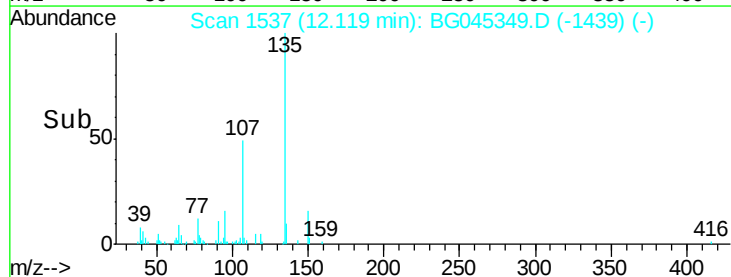
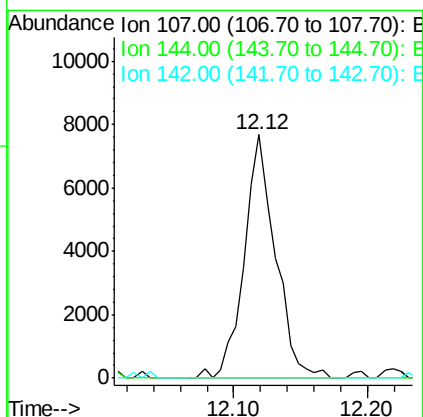
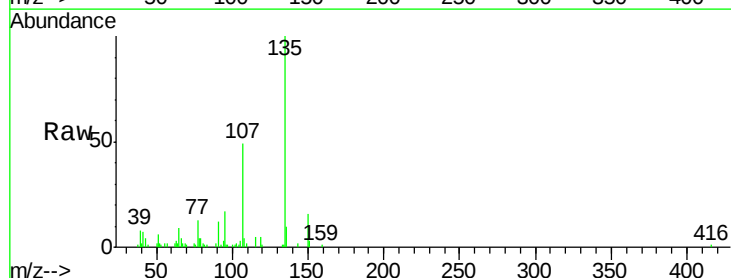
RT: 12.12 min Scan# 1537

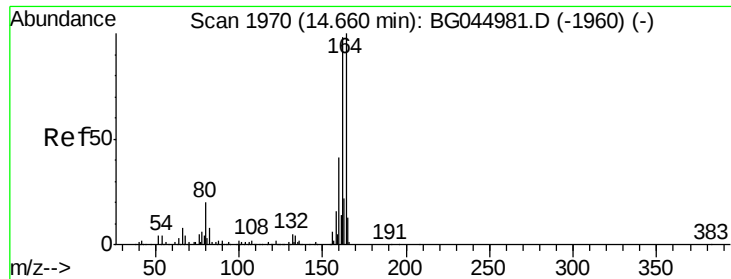
Delta R.T. 0.05 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	59.7	89.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

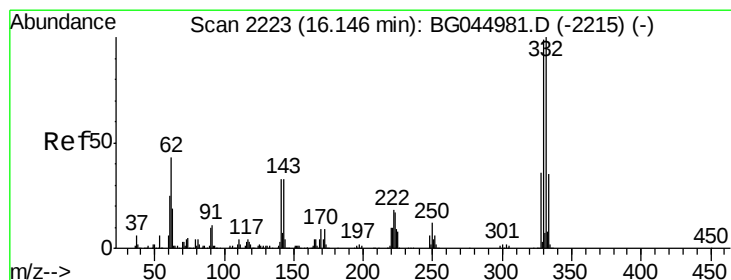
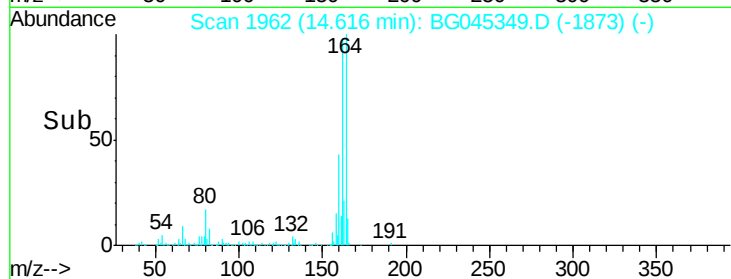
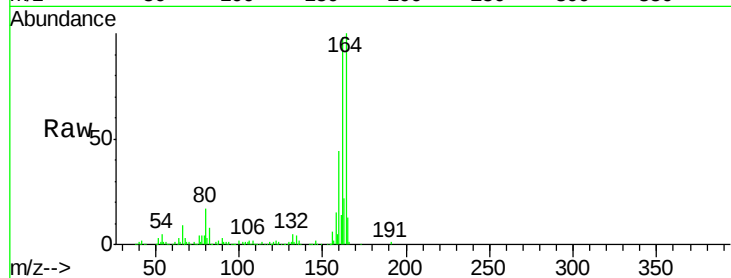
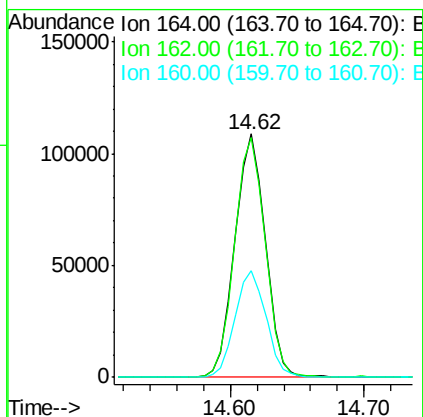
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 172457

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.7	118.1
160	43.8	32.8	49.2



#42

2,4,6-Tribromophenol

Concen: 144.154 ng

RT: 16.11 min Scan# 2216

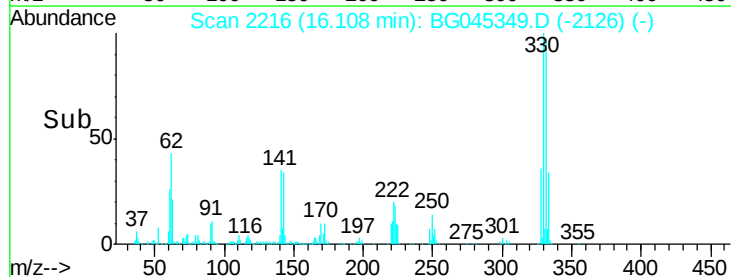
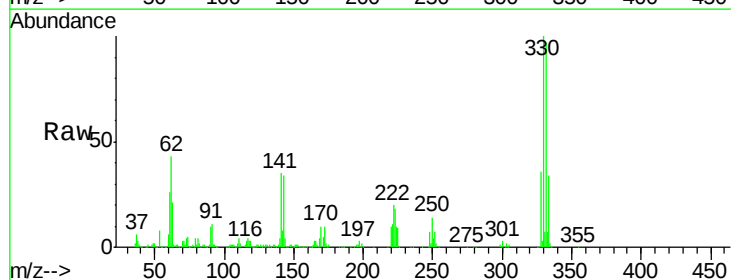
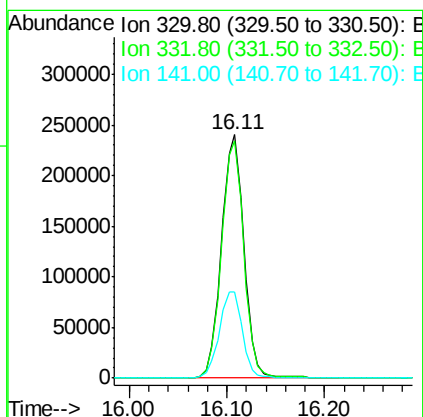
Delta R.T. -0.00 min

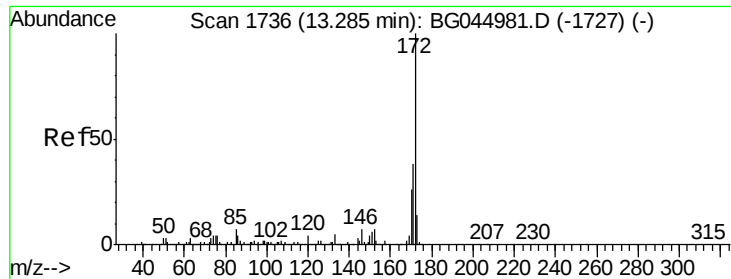
Lab File: BG045349.D

Acq: 13 May 2020 5:43

Tgt Ion:330 Resp: 384061

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	36.4	27.1	40.7

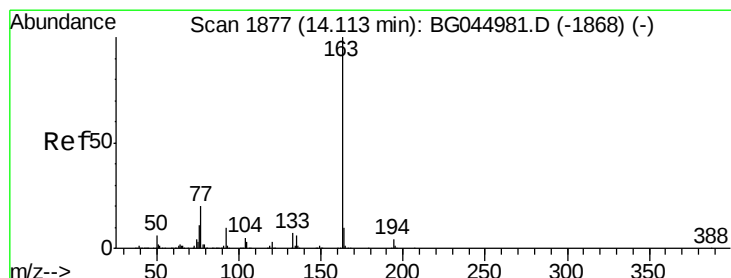
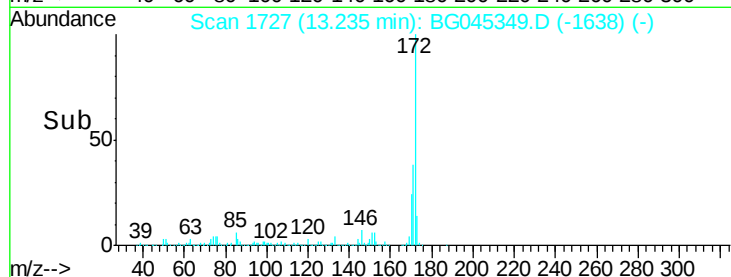
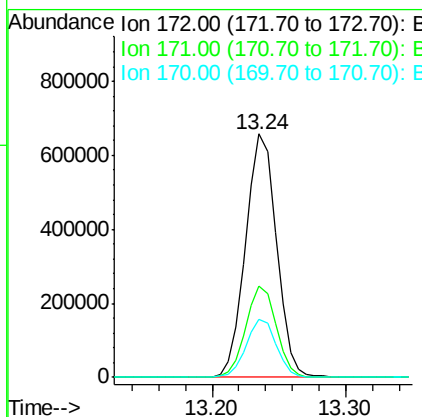
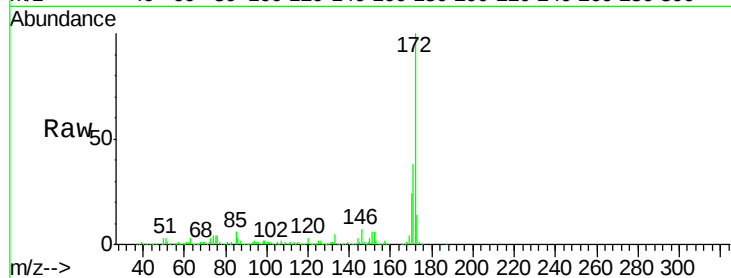




#45
2-Fluorobiphenyl
Concen: 89.404 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

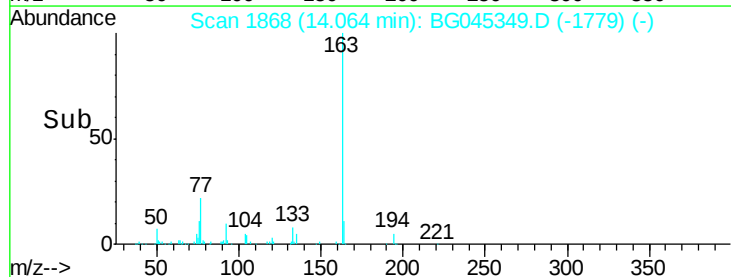
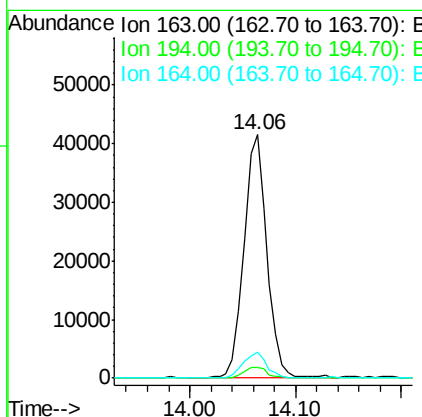
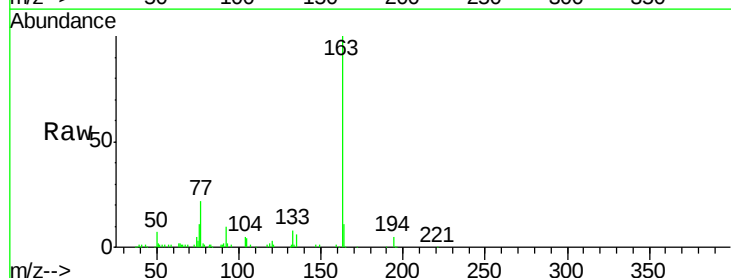
Instrument :
BNA_G
ClientSampleId :

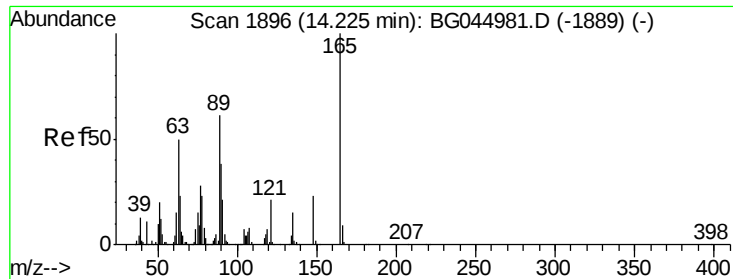
Tot Ion:172 Resp: 1051496
Ion Ratio Lower Upper
172 100
171 37.7 30.6 46.0
170 23.6 20.5 30.7



#50
Dimethylphthalate
Concen: 4.461 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:163 Resp: 62649
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.8 8.2 12.4

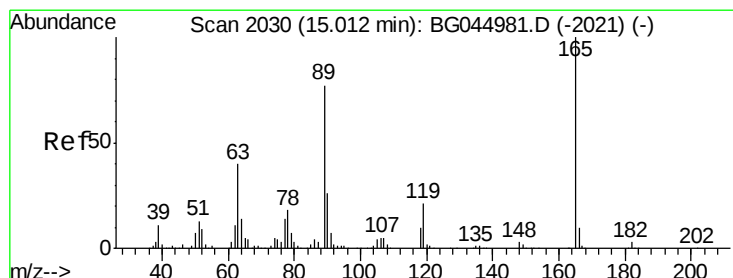
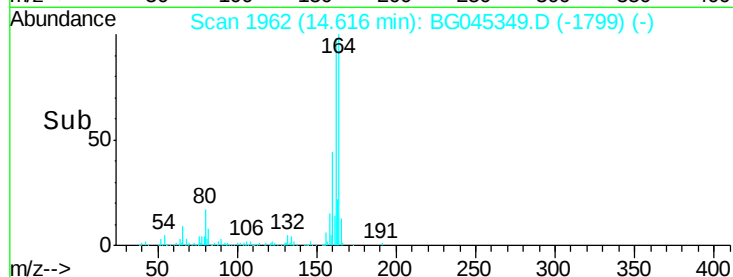
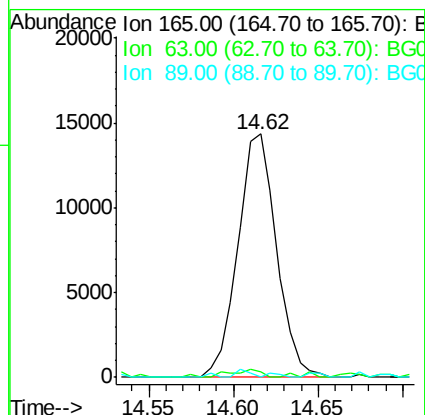
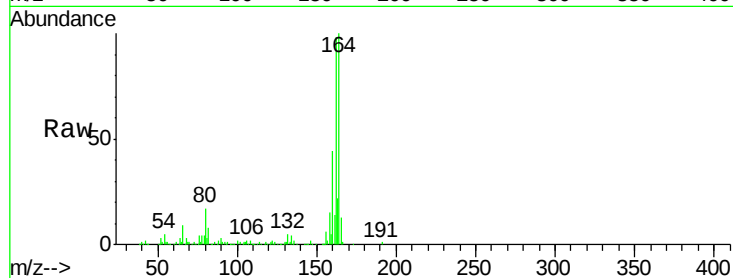




#51
 2,6-Dinitrotoluene
 Concen: 7.260 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.43 min
 Lab File: BG045349.D
 Acq: 13 May 2020 5:43

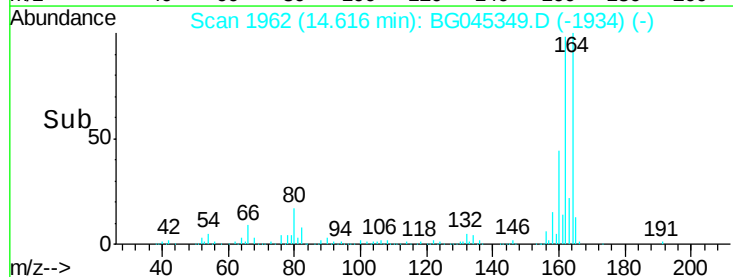
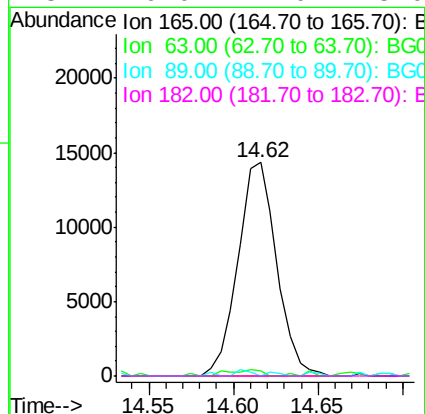
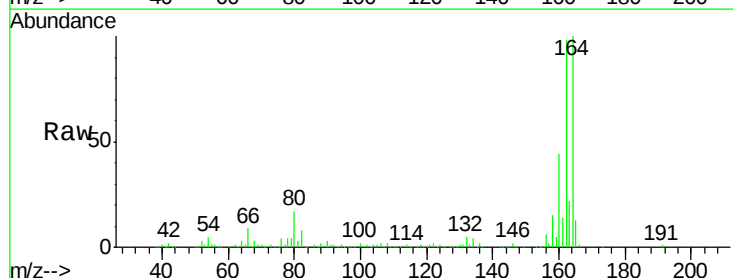
Instrument :
 BNA_G
 ClientSampleId :

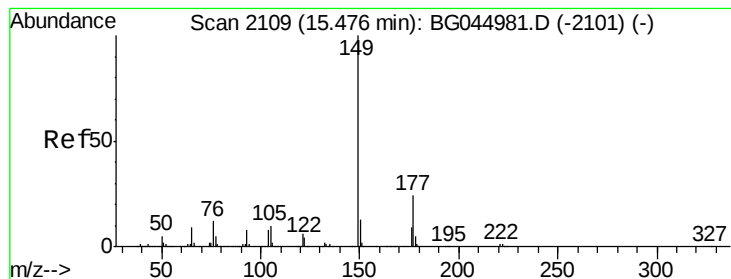
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.4	60.6#
89	0.0	49.1	73.7#



#57
 2,4-Dinitrotoluene
 Concen: 4.968 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.36 min
 Lab File: BG045349.D
 Acq: 13 May 2020 5:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#





#60

Diethylphthalate

Concen: 4.115 ng

RT: 15.43 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampled :

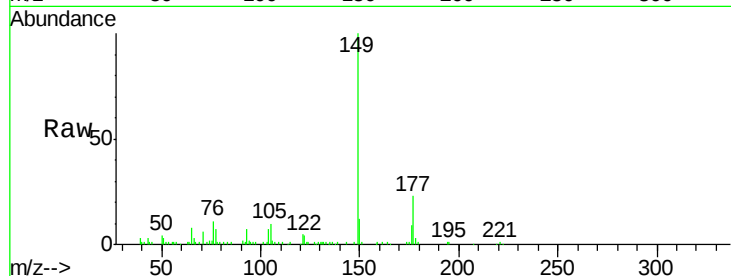
Tot Ion:149 Resp: 60252

Ion Ratio Lower Upper

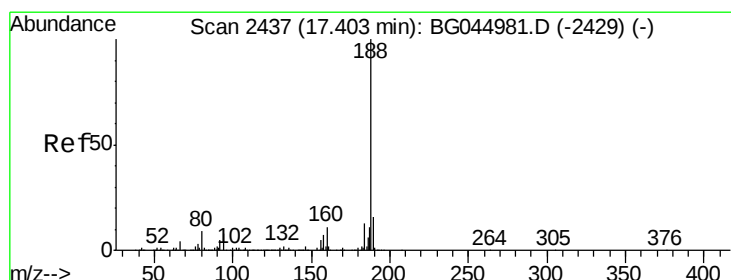
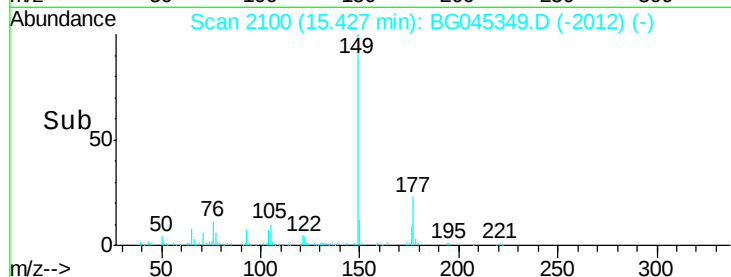
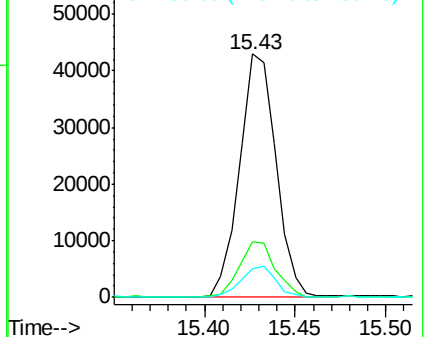
149 100

177 22.9 18.9 28.3

150 11.8 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

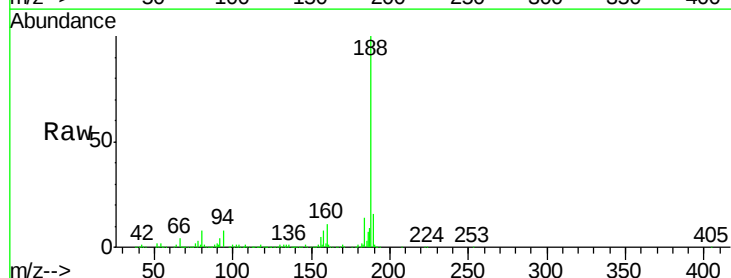
Tgt Ion:188 Resp: 408577

Ion Ratio Lower Upper

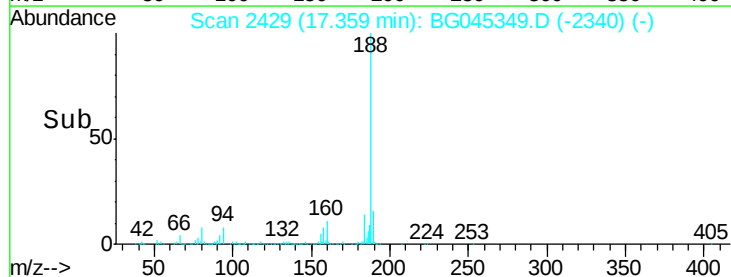
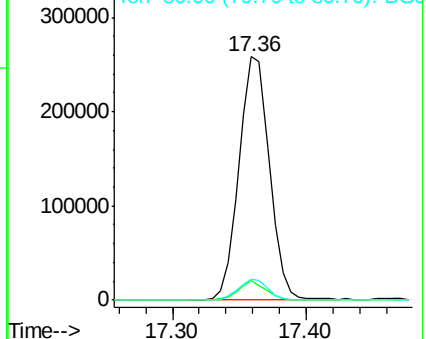
188 100

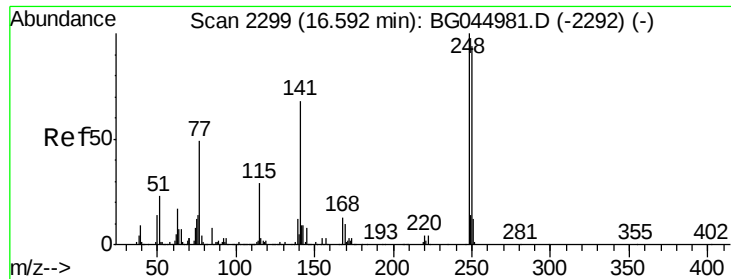
94 7.8 6.2 9.4

80 8.4 7.0 10.6



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

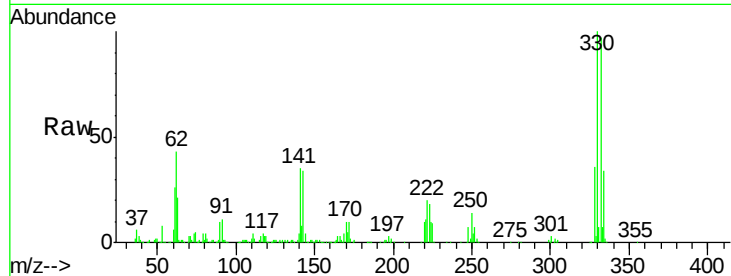




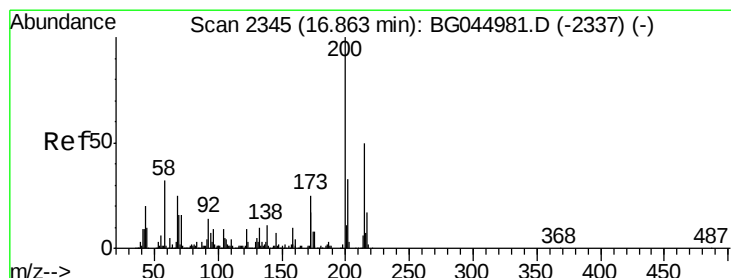
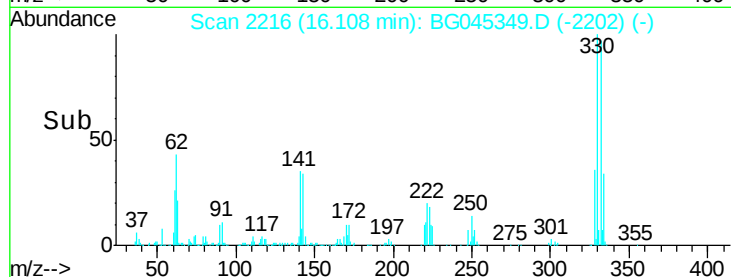
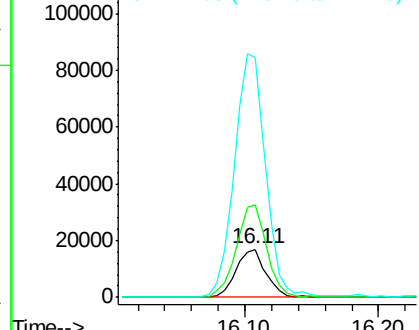
#67
4-Bromophenyl-phenylether
Concen: 4.979 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 26242
Ion Ratio Lower Upper
248 100
250 192.3 75.4 113.2#
141 496.3 54.4 81.6#

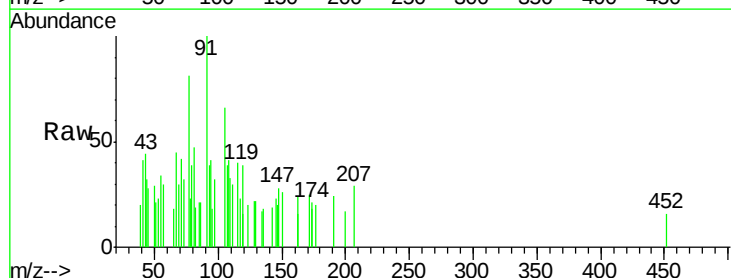


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

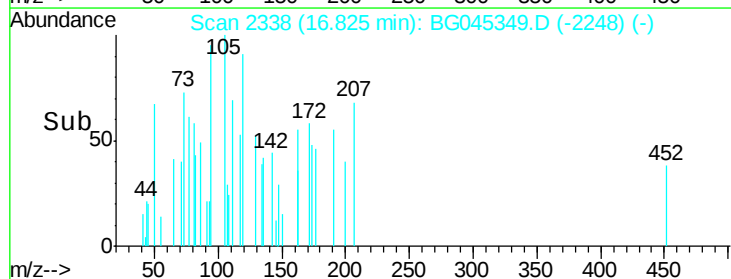
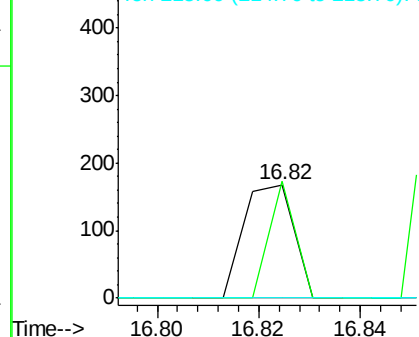


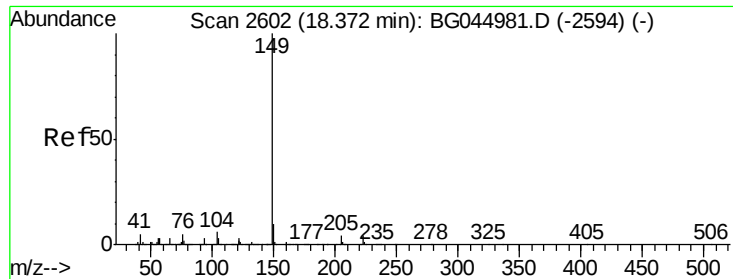
#69
Atrazine
Concen: Below Cal
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:200 Resp: 115
Ion Ratio Lower Upper
200 100
173 103.6 4.5 44.5#
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampled :

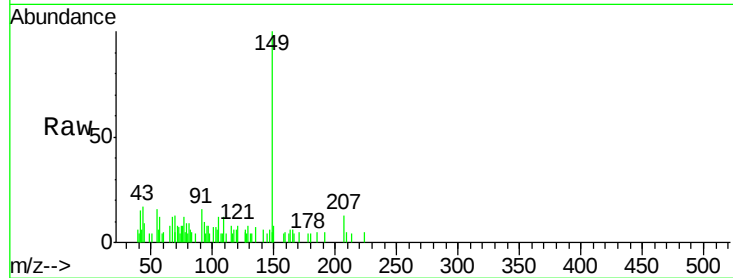
Tot Ion:149 Resp: 5062

Ion Ratio Lower Upper

149 100

150 8.1 8.2 12.2#

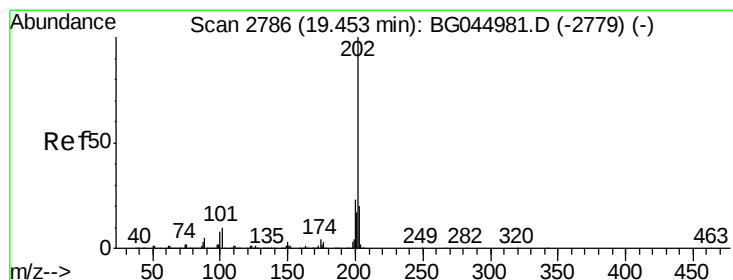
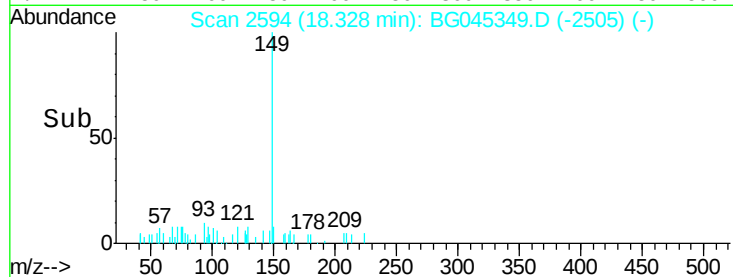
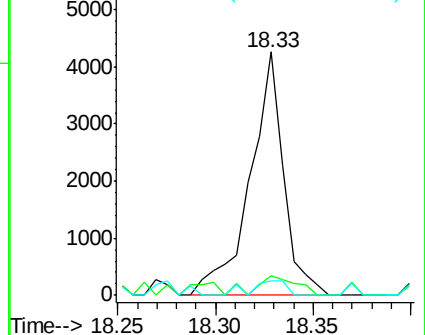
104 6.0 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: Below Cal

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

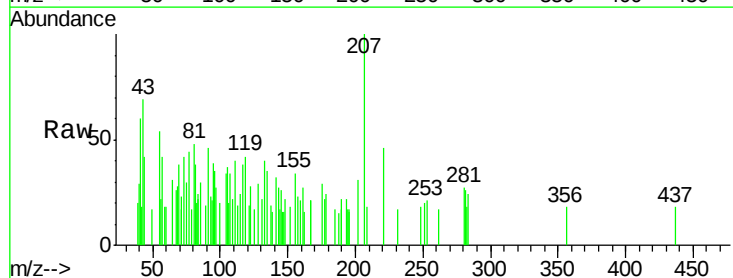
Tgt Ion:202 Resp: 435

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

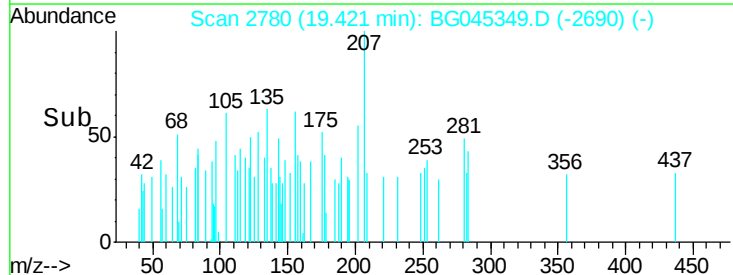
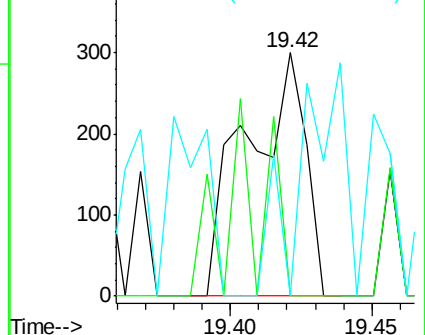
203 0.0 0.0 39.7

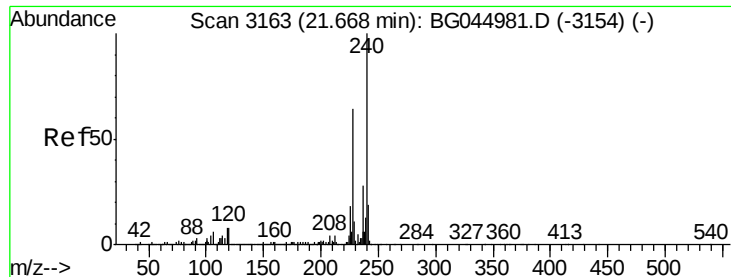


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampleId :

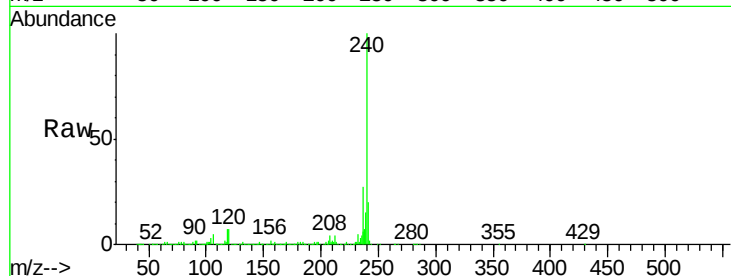
Tot Ion:240 Resp: 413941

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

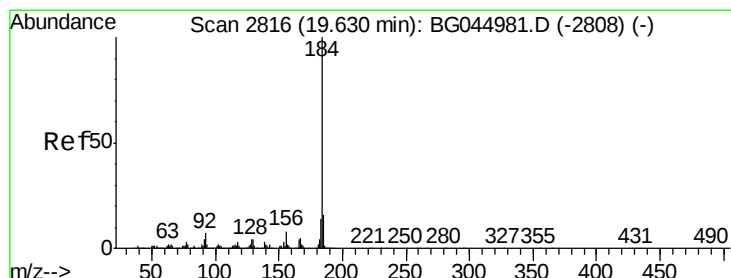
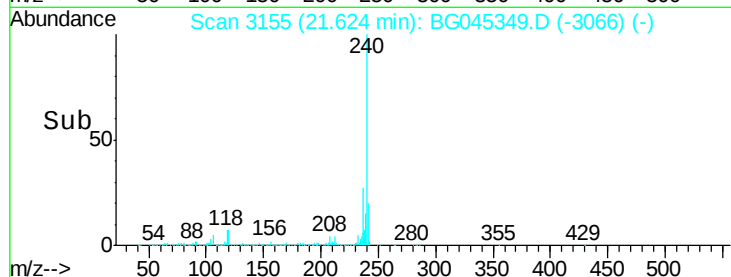
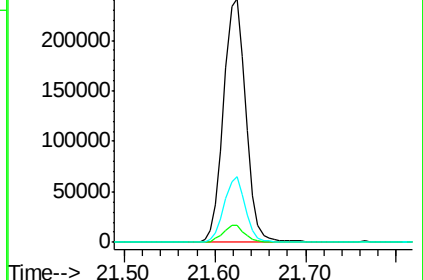
236 27.0 22.2 33.2



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: Below Cal

RT: 19.98 min Scan# 2875

Delta R.T. 0.38 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

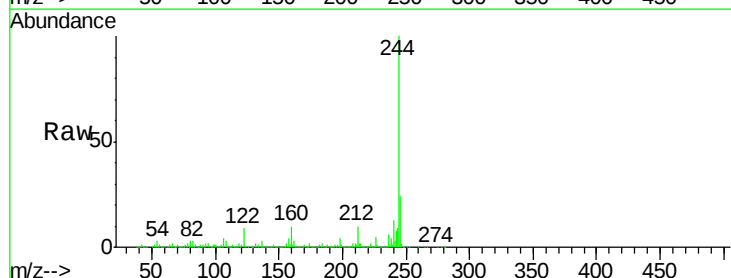
Tgt Ion:184 Resp: 39404

Ion Ratio Lower Upper

184 100

185 17.4 12.6 19.0

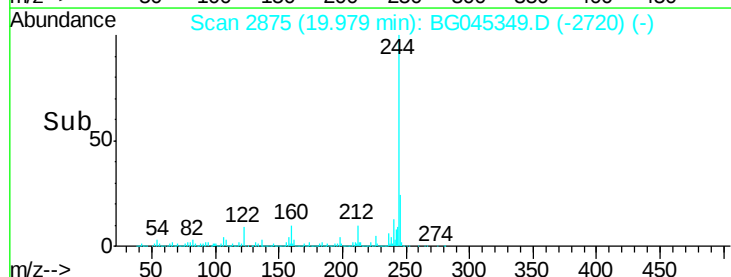
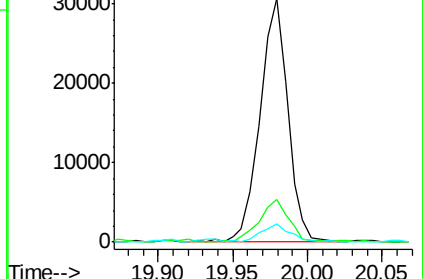
183 7.7 11.3 16.9#

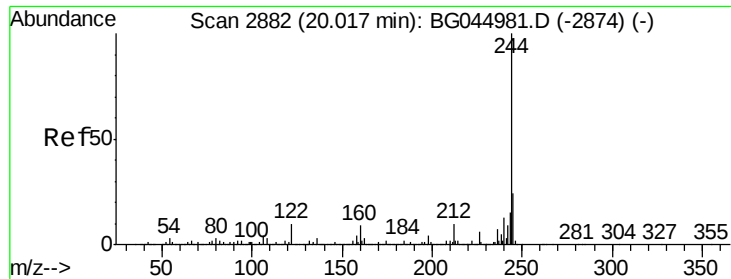


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 102.698 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

Instrument :

BNA_G

ClientSampleId :

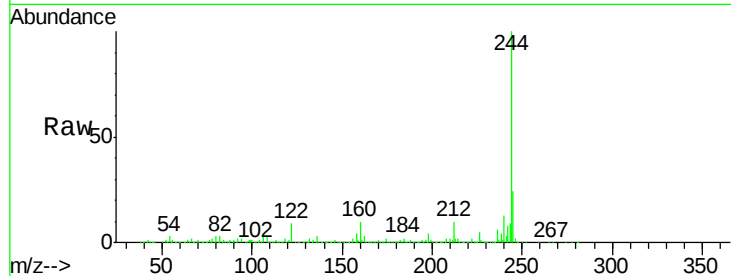
Tot Ion:244 Resp: 1950433

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

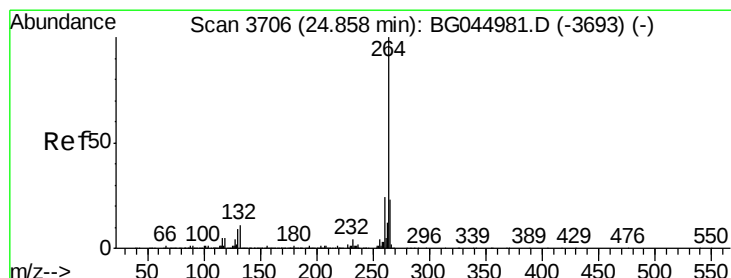
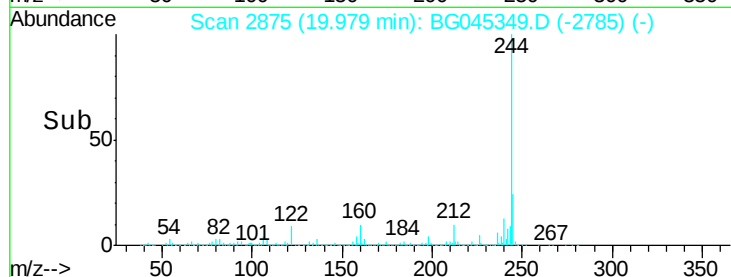
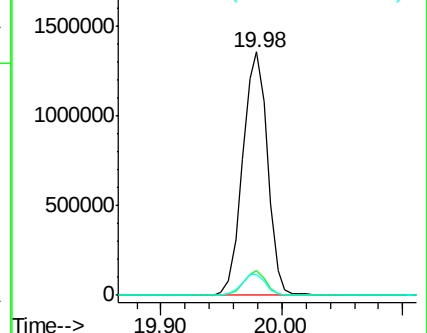
122 8.6 7.7 11.5



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: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045349.D

Acq: 13 May 2020 5:43

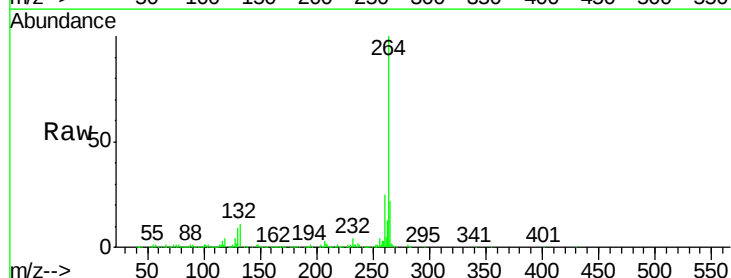
Tgt Ion:264 Resp: 449832

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.1 19.0 28.4



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

