

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045450.D
 Acq On : 21 May 2020 21:42
 Operator : CG/JU
 Sample : L2728-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 22 01:00:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

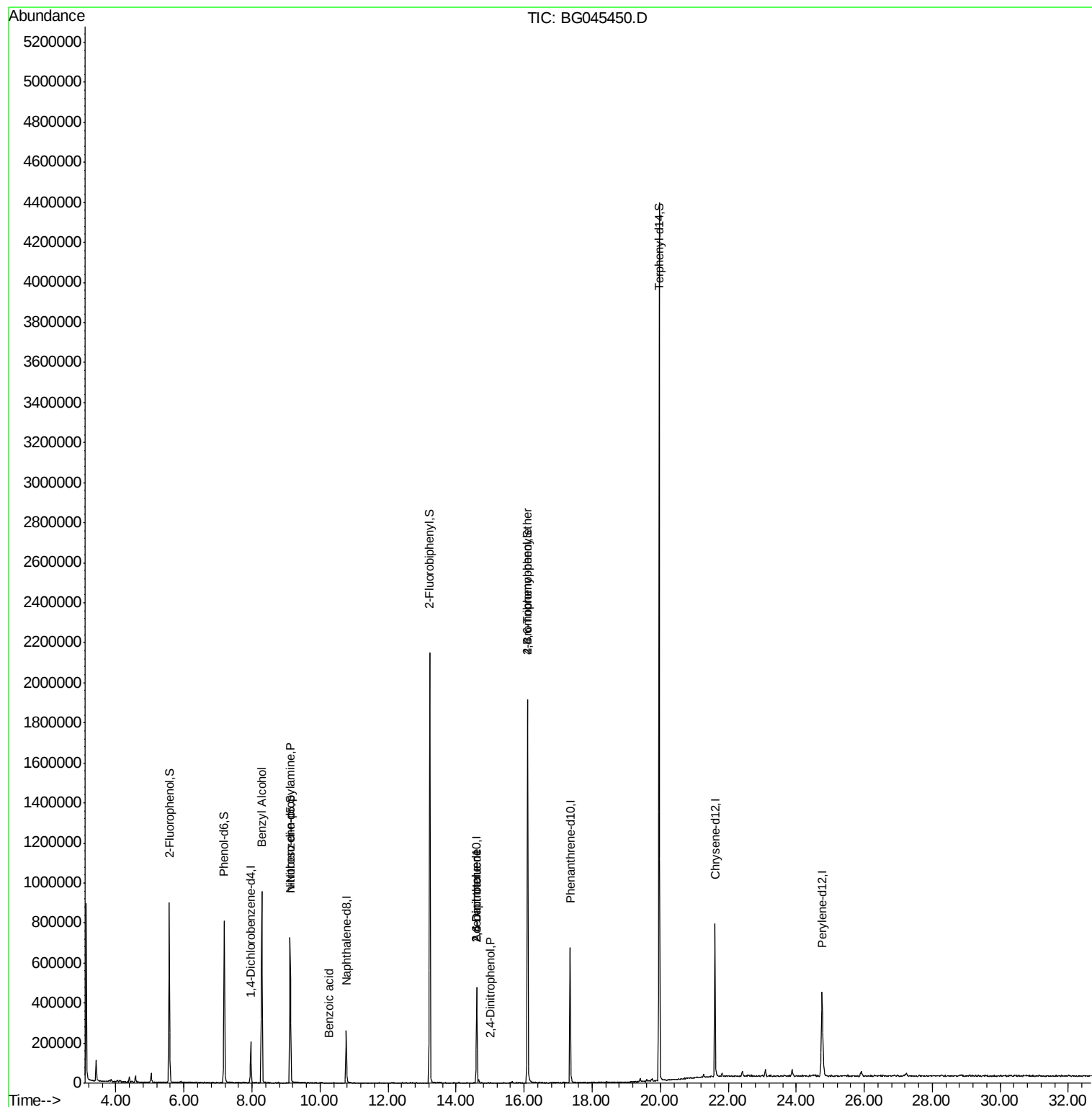
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61156	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	243777	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	181415	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	447924	20.00	ng	0.00
76) Chrysene-d12	21.61	240	463117	20.00	ng	0.00
87) Perylene-d12	24.76	264	486878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	432007	138.05	ng	0.00
7) Phenol-d6	7.18	99	535747	120.29	ng	0.00
23) Nitrobenzene-d5	9.12	82	493907	110.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	402222	173.36	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1181946	110.51	ng	0.00
79) Terphenyl-d14	19.97	244	2204383	111.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	8240	2.240	ng	# 50
19) n-Nitroso-di-n-propylamine	9.12	70	65455	21.252	ng	# 77
32) Benzoic acid	10.26	122	59	10.045	ng	# 1
51) 2,6-Dinitrotoluene	14.60	165	24037	8.560	ng	# 23
54) 2,4-Dinitrophenol	15.00	184	54	5.486	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	24037	5.910	ng	# 23
67) 4-Bromophenyl-phenylether	16.11	248	26725	5.510	ng	# 1

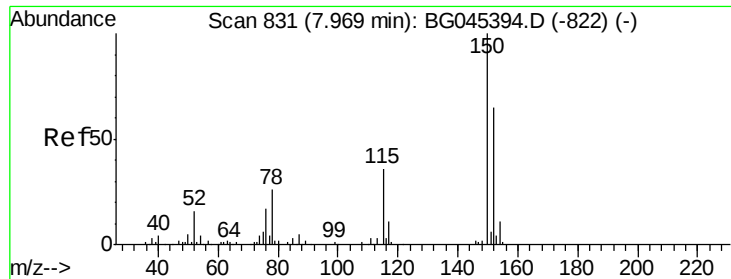
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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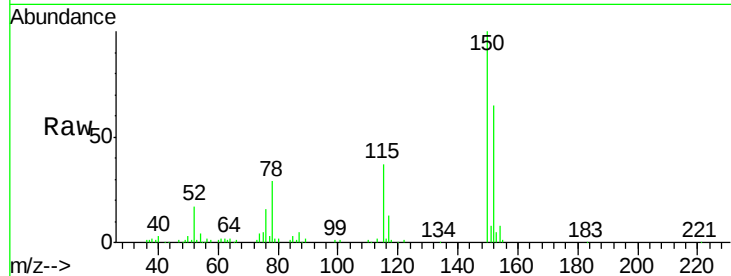


#1

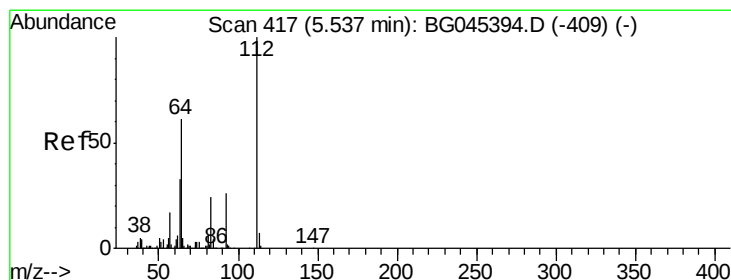
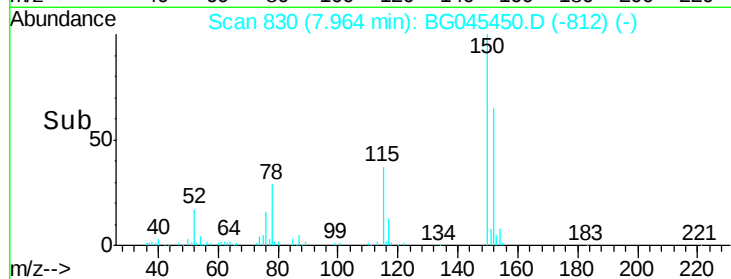
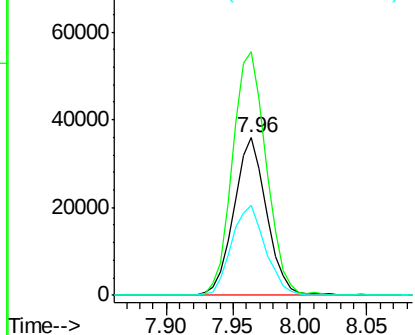
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61156
Ion Ratio Lower Upper
152 100
150 154.4 122.4 183.6
115 57.3 44.2 66.4



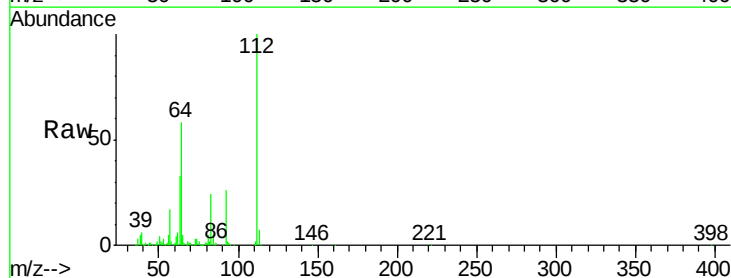
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



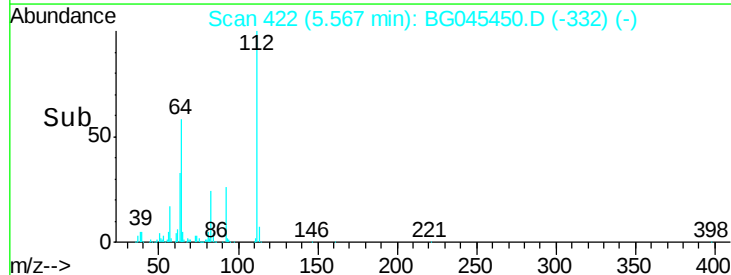
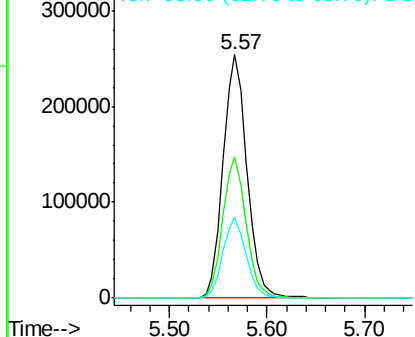
#5

2-Fluorophenol
Concen: 138.052 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion:112 Resp: 432007
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 33.1 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: 120.286 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

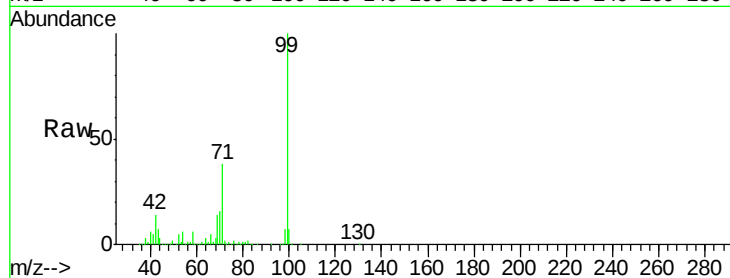
Tot Ion: 99 Resp: 535747

Ion Ratio Lower Upper

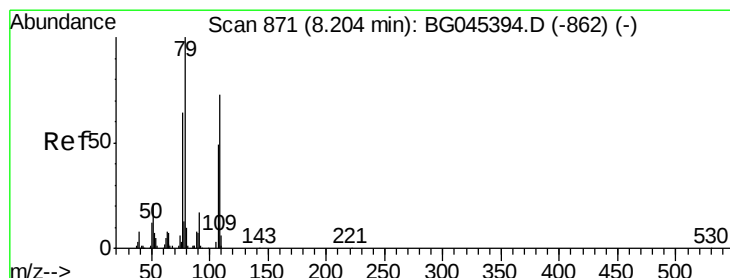
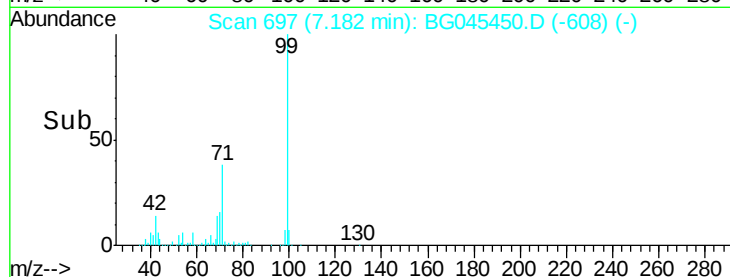
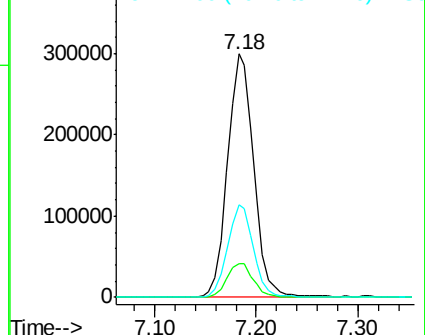
99 100

42 14.0 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: 2.240 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.07 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

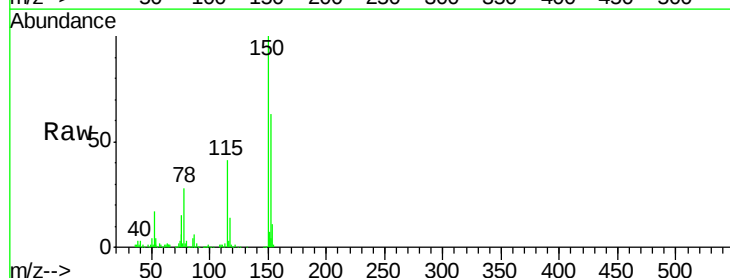
Tgt Ion: 79 Resp: 8240

Ion Ratio Lower Upper

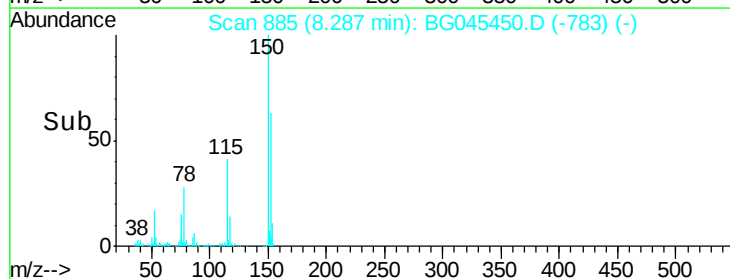
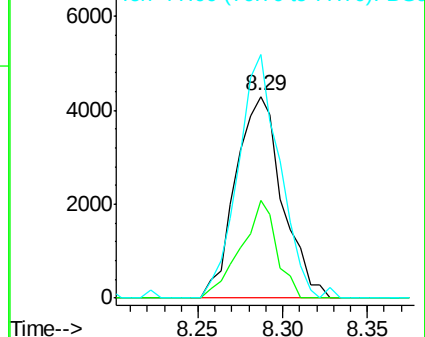
79 100

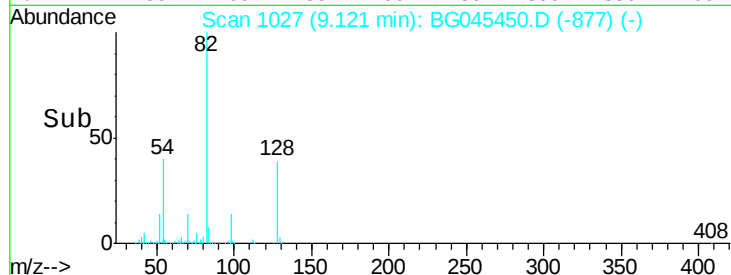
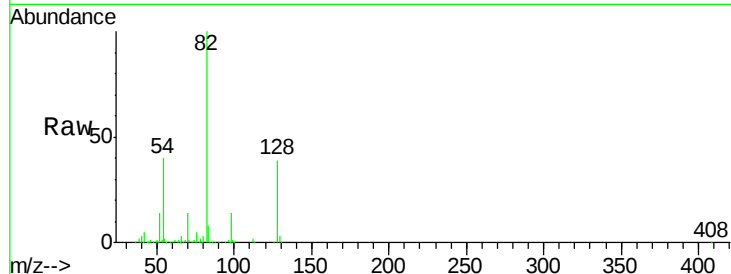
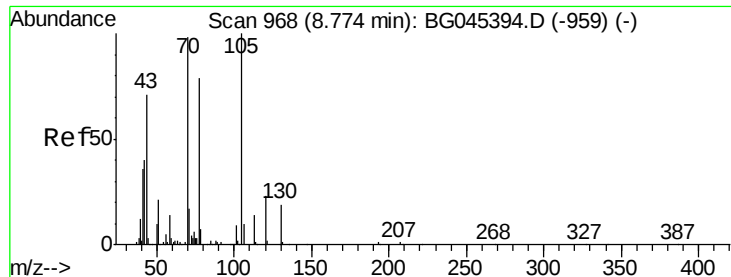
108 48.3 58.2 87.4#

77 120.7 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

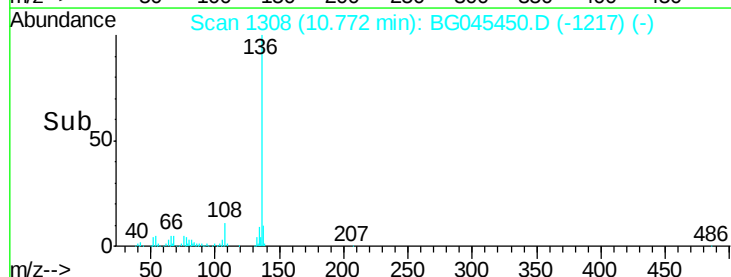
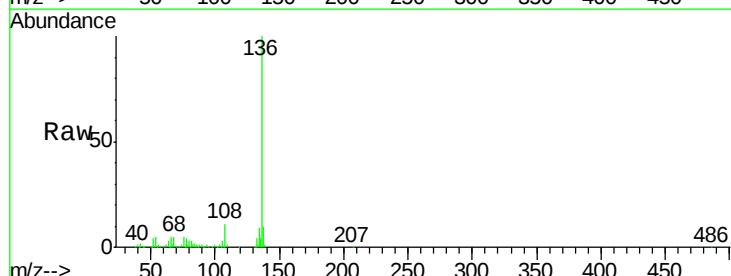
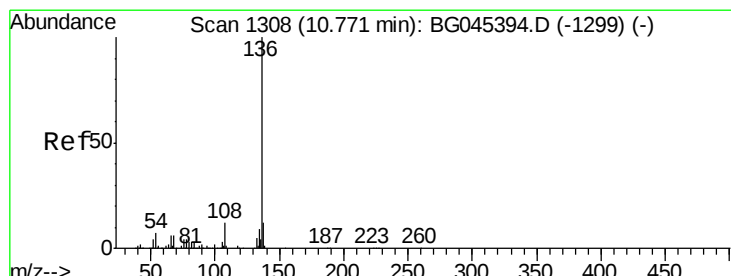
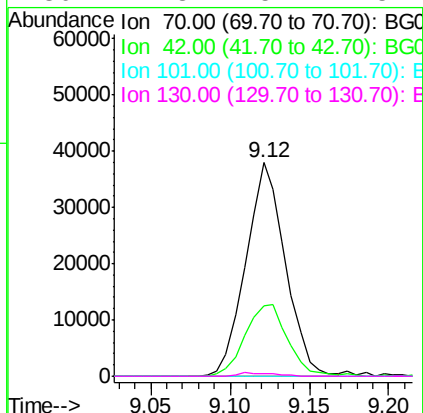




#19
n-Nitroso-di-n-propylamine
Concen: 21.252 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

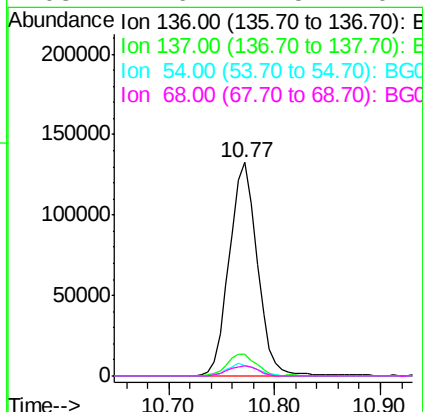
Instrument :
BNA_G
ClientSampleId :

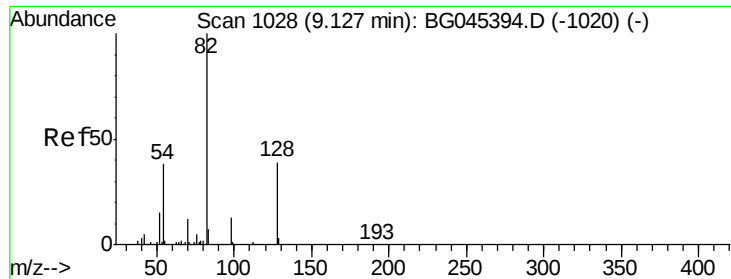
Tot Ion: 70 Resp: 65455
Ion Ratio Lower Upper
70 100
42 32.8 33.2 49.8#
101 0.0 7.8 11.6#
130 1.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion: 136 Resp: 243777
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.2
54 5.0 5.8 8.6#
68 4.6 4.5 6.7

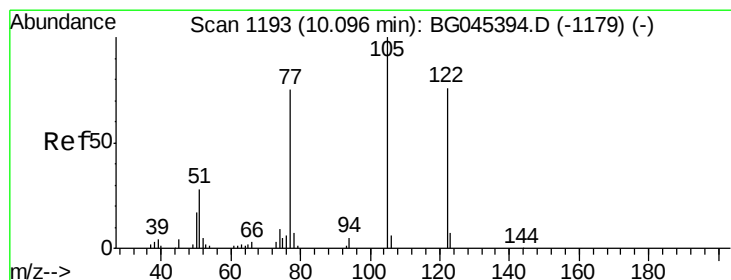
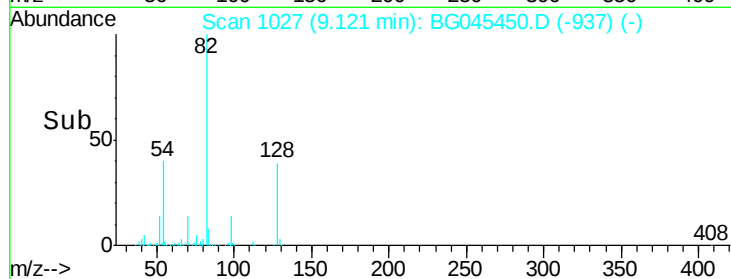
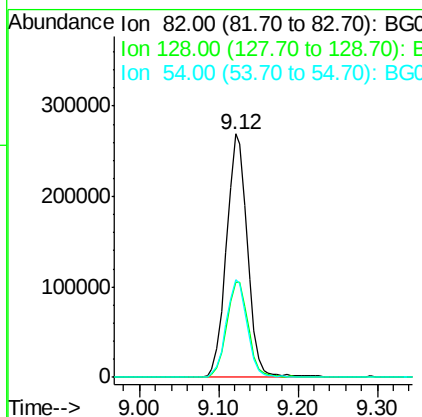
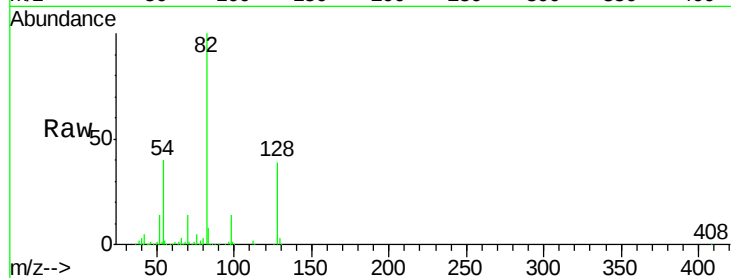




#23
 Nitrobenzene-d5
 Concen: 110.484 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

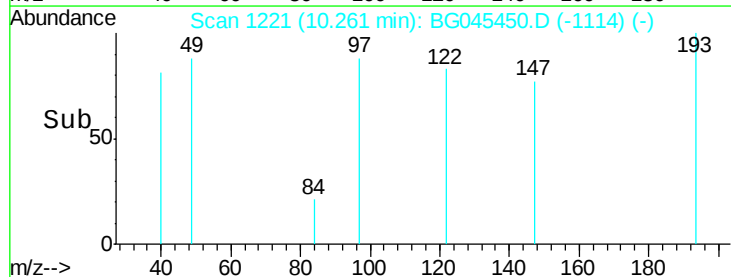
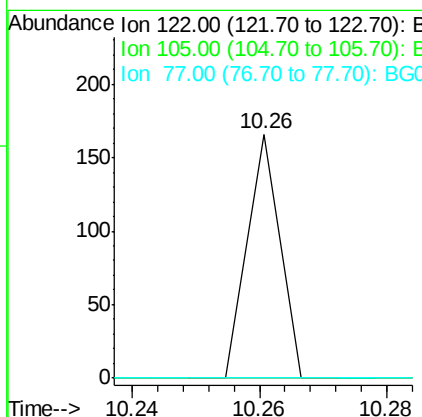
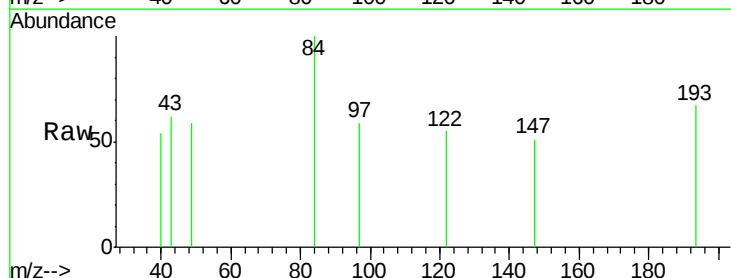
Instrument :
 BNA_G
 ClientSampleId :

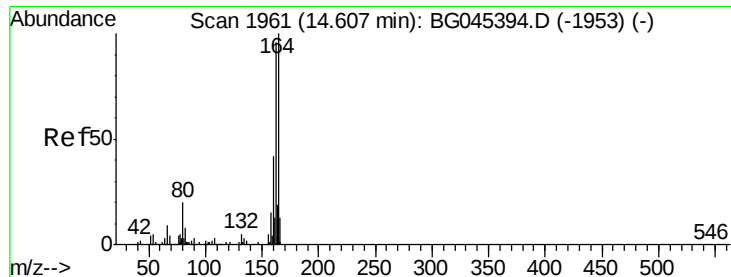
Tot Ion	82	Resp	493907
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	39.9	30.3	45.5



#32
 Benzoic acid
 Concen: 10.045 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. 0.10 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Tgt Ion	122	Resp	59
Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#

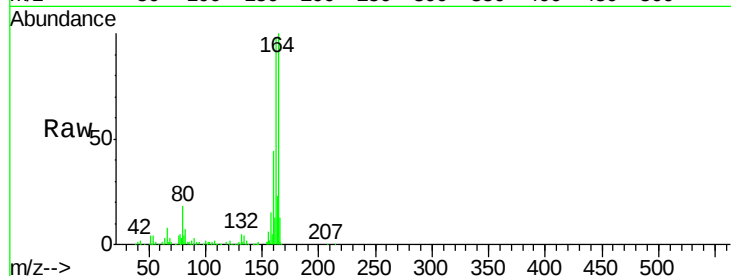




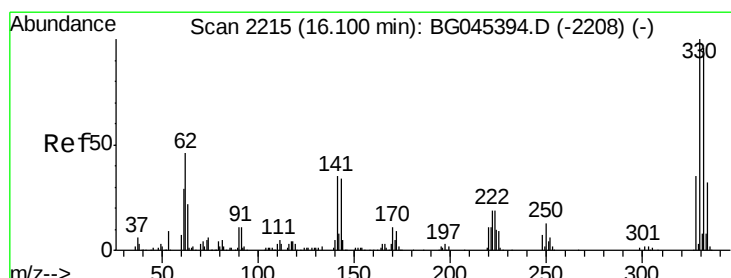
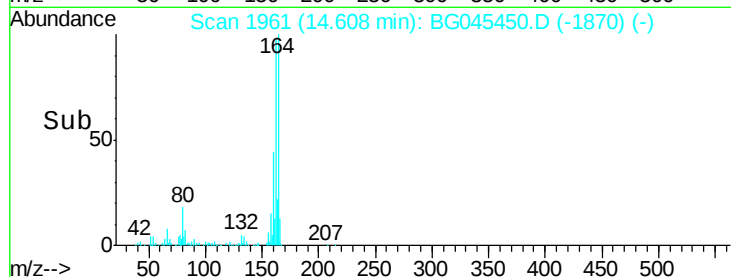
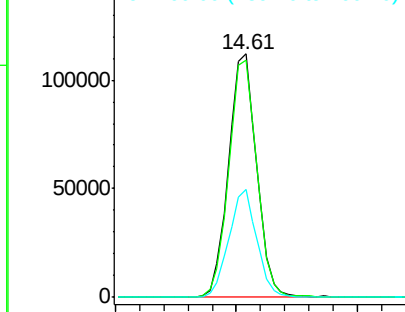
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	44.3	33.8	50.8

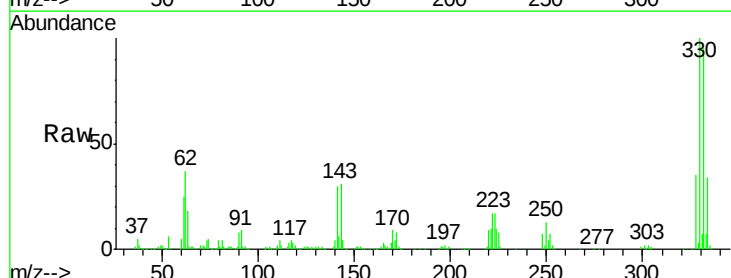


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

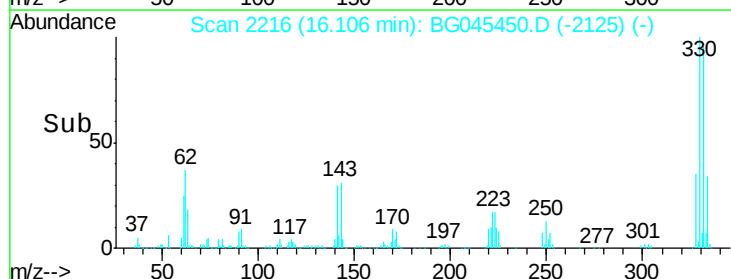
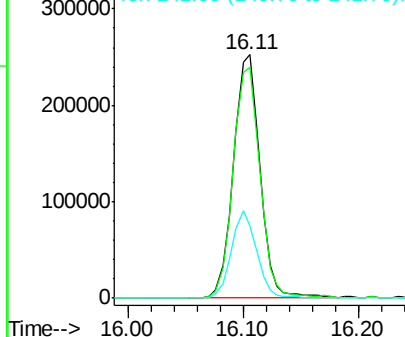


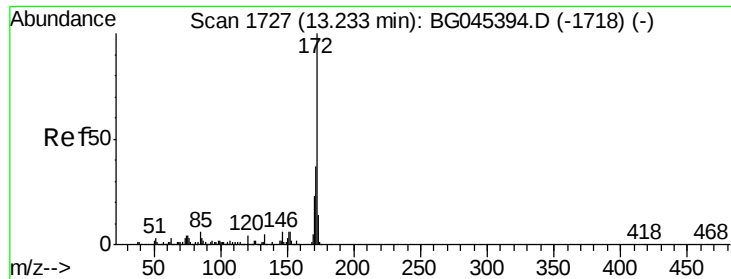
#42
2,4,6-Tribromophenol
Concen: 173.365 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	34.4	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

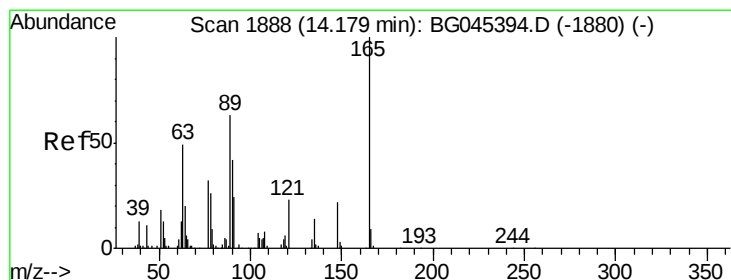
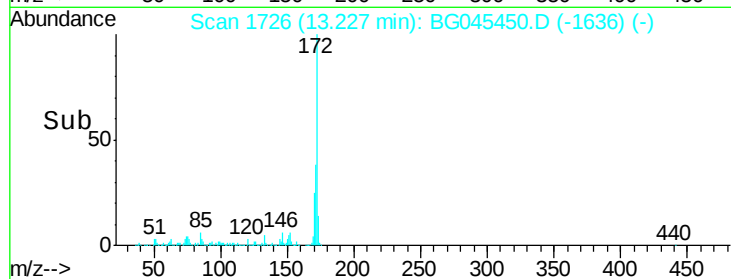
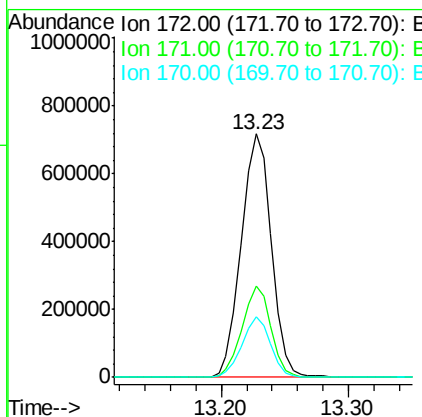
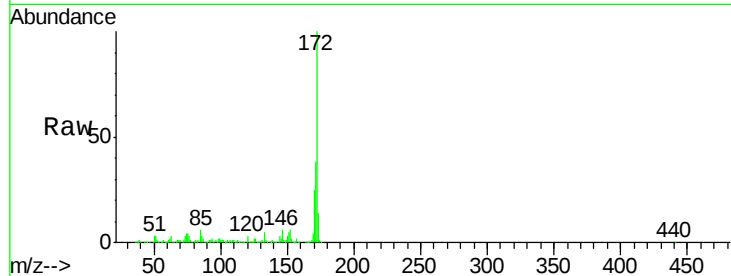




#45
2-Fluorobiphenyl
Concen: 110.510 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

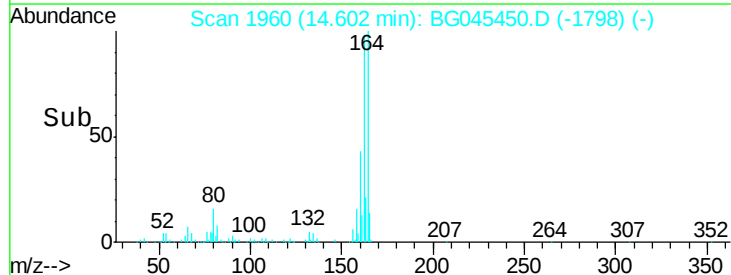
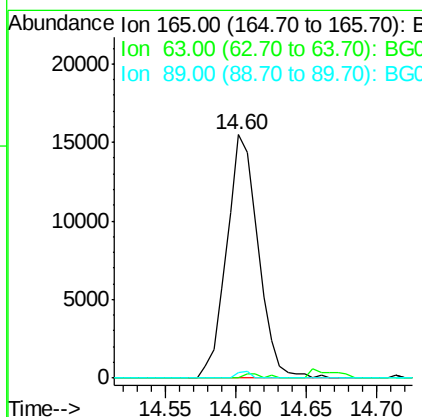
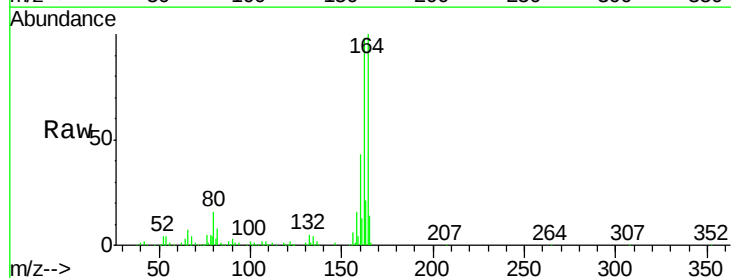
Instrument :
BNA_G
ClientSampleId :

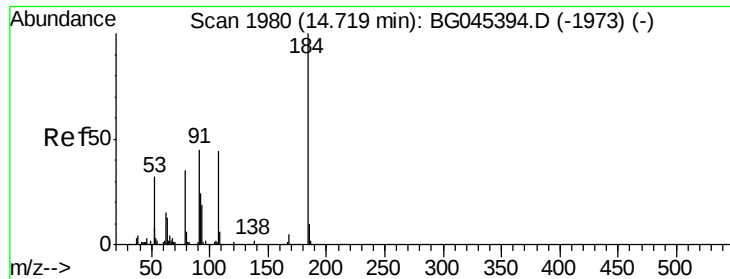
Tot Ion:172 Resp: 1181946
Ion Ratio Lower Upper
172 100
171 37.5 29.5 44.3
170 24.9 18.5 27.7



#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.42 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion:165 Resp: 24037
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.4#
89 2.4 50.2 75.4#

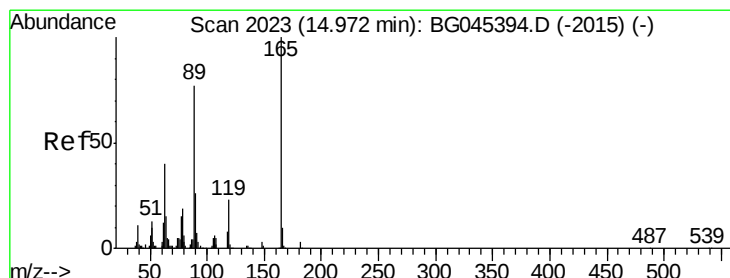
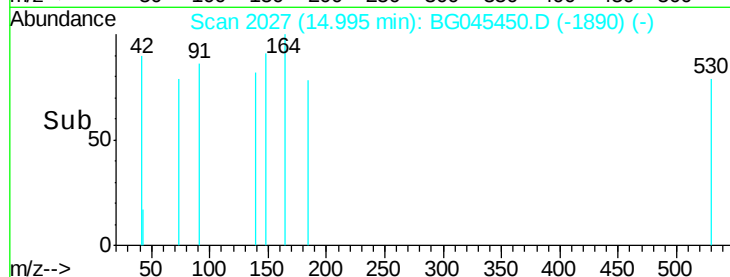
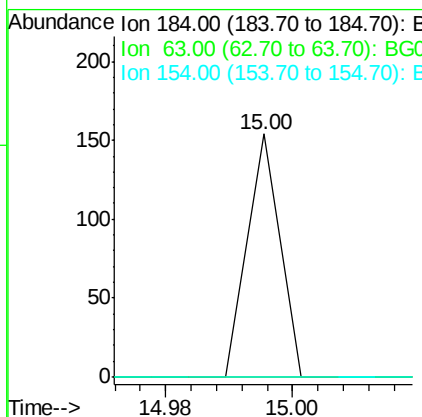
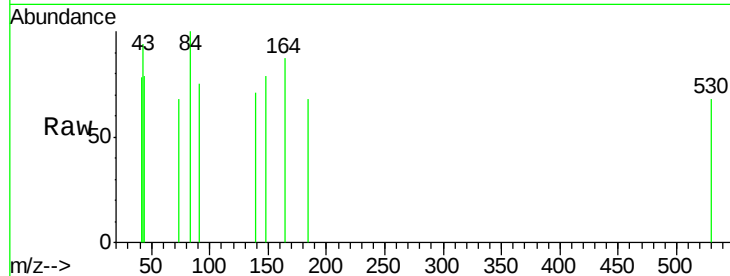




#54
2,4-Dinitrophenol
Concen: 5.486 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.27 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

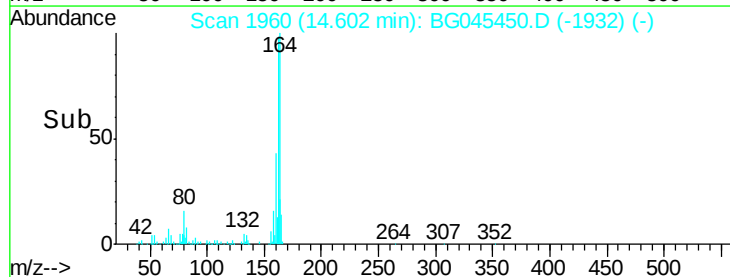
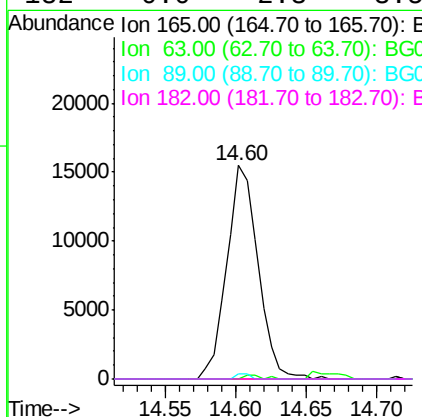
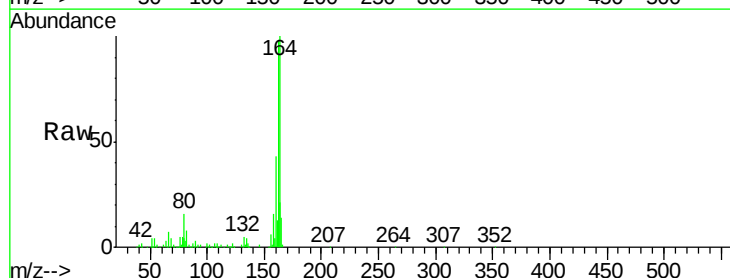
Instrument :
BNA_G
ClientSampleId :

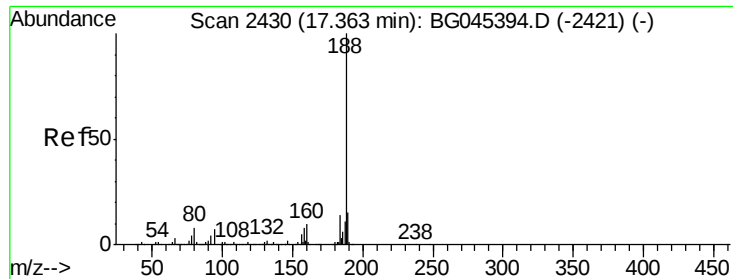
Tot Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 47.8 71.6#
154 0.0 58.3 87.5#



#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.37 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion:165 Resp: 24037
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

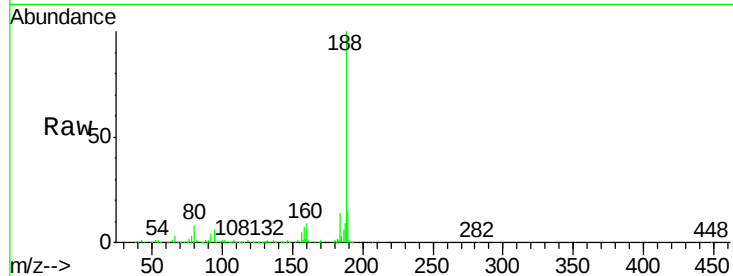
Tot Ion:188 Resp: 447924

Ion Ratio Lower Upper

188 100

94 6.2 5.5 8.3

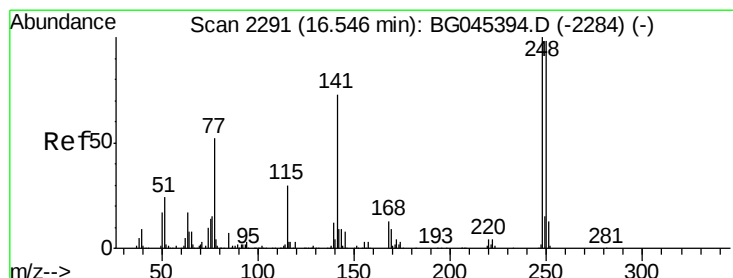
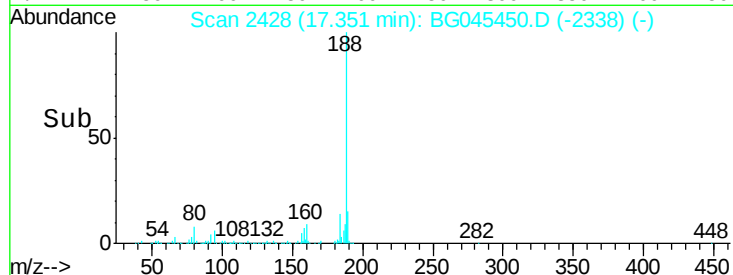
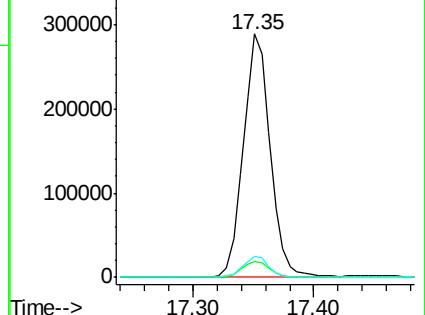
80 8.5 6.6 10.0



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: 5.510 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.44 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

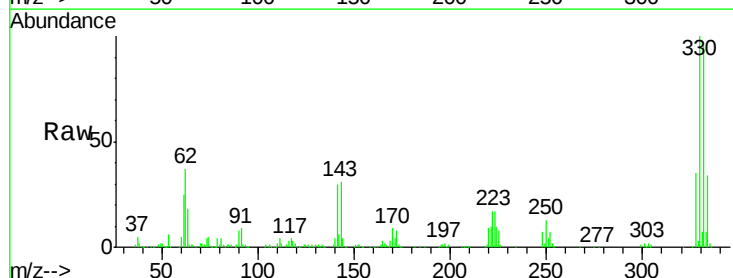
Tgt Ion:248 Resp: 26725

Ion Ratio Lower Upper

248 100

250 190.5 78.6 117.8#

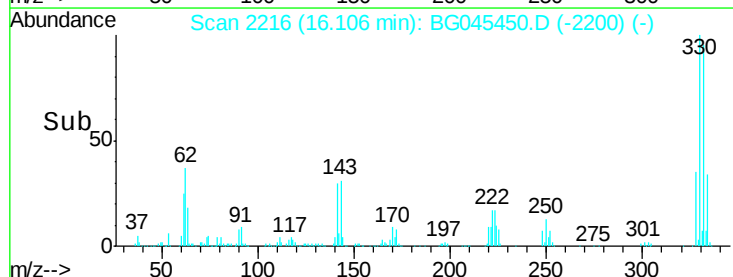
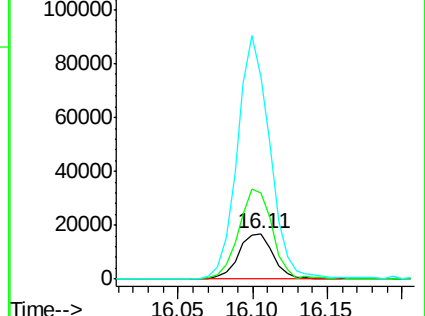
141 445.7 58.2 87.2#

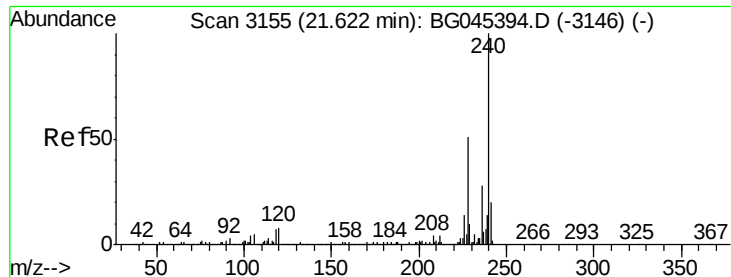


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

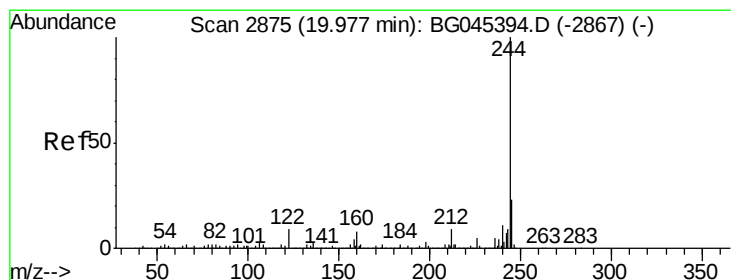
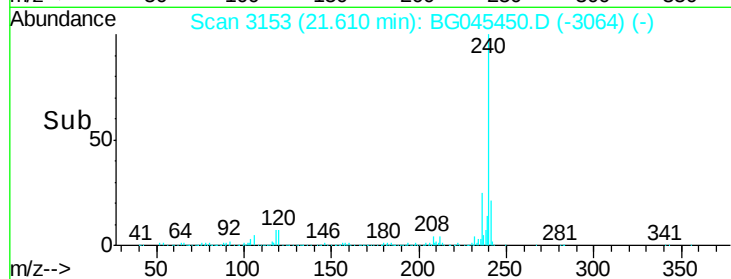
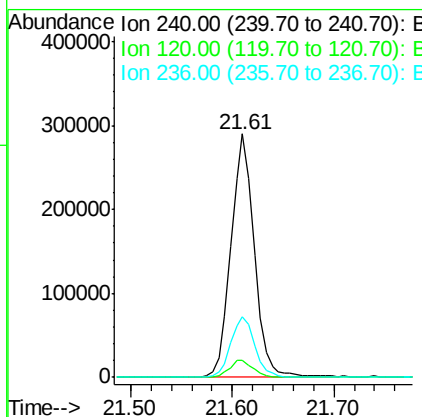
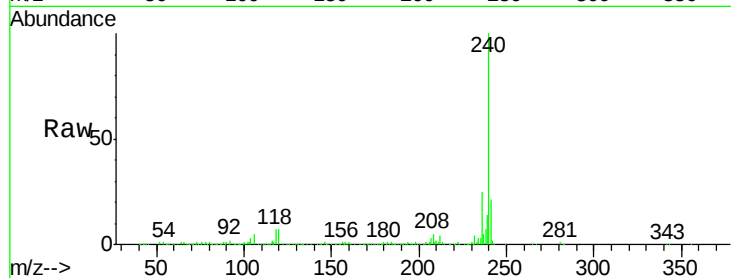




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

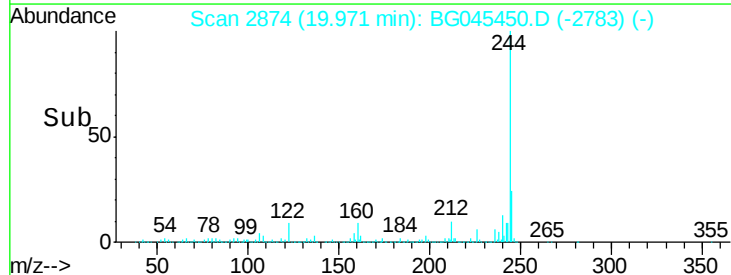
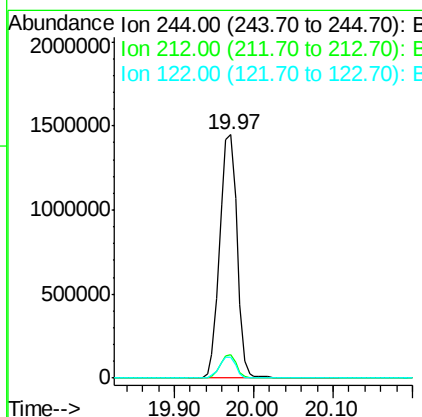
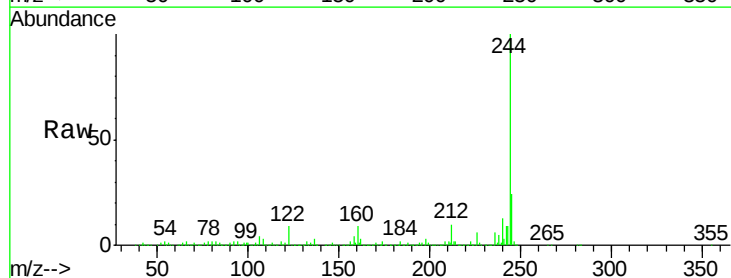
Instrument :
BNA_G
ClientSampleId :

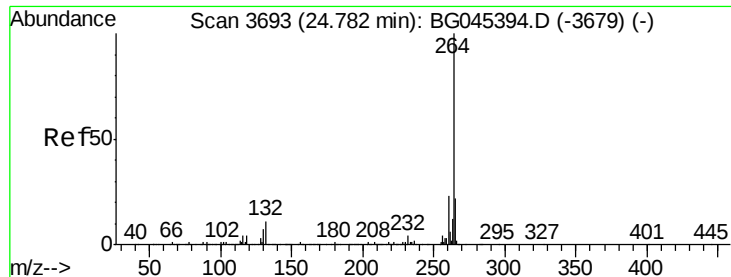
Tot Ion:240 Resp: 463117
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 25.1 22.3 33.5



#79
Terphenyl-d14
Concen: 111.015 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BG045450.D
Acq: 21 May 2020 21:42

Tgt Ion:244 Resp: 2204383
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.0
122 8.7 6.8 10.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3689
 Delta R.T. -0.01 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	17.6	26.4

