

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
 Data File : BG045464.D
 Acq On : 26 May 2020 19:36
 Operator : CG/JU
 Sample : L2745-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 27 00:58:06 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

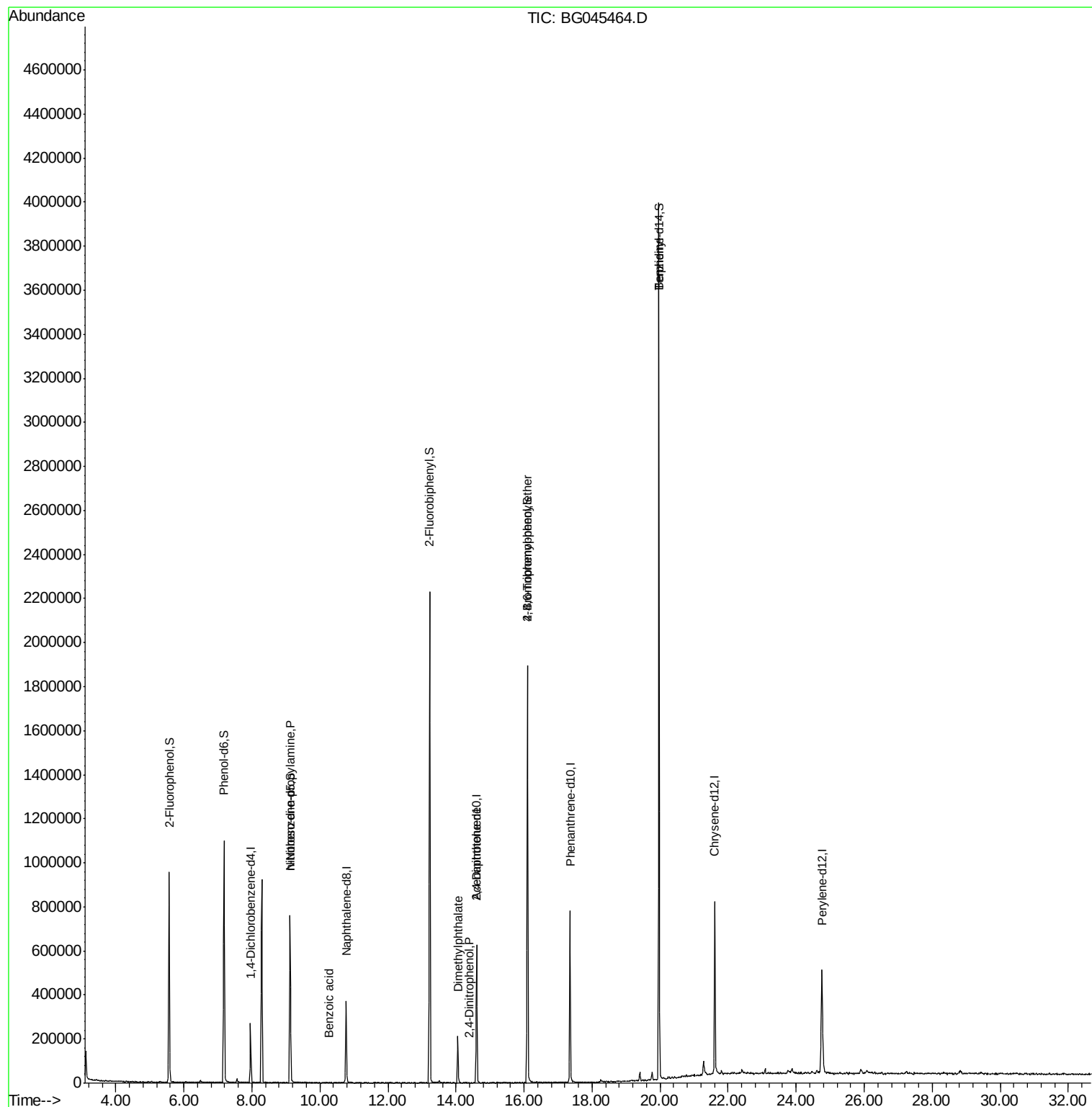
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	81667	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	331891	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	230910	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	523410	20.00	ng	0.00
76) Chrysene-d12	21.61	240	495898	20.00	ng	0.00
87) Perylene-d12	24.75	264	527880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	457171	109.40	ng	0.00
7) Phenol-d6	7.18	99	741968	124.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	512527	84.21	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	395710	134.00	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1247430	91.63	ng	0.00
79) Terphenyl-d14	19.97	244	1926573	90.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	71613	17.412	ng	# 80
32) Benzoic acid	10.26	122	64	10.040	ng	# 1
50) Dimethylphthalate	14.06	163	154476	9.752	ng	# 99
54) 2,4-Dinitrophenol	14.37	184	56	5.481	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	30371	5.867	ng	# 21
67) 4-Bromophenyl-phenylether	16.10	248	26619	4.697	ng	# 1
77) Benzidine	19.97	184	36687	2.634	ng	# 92

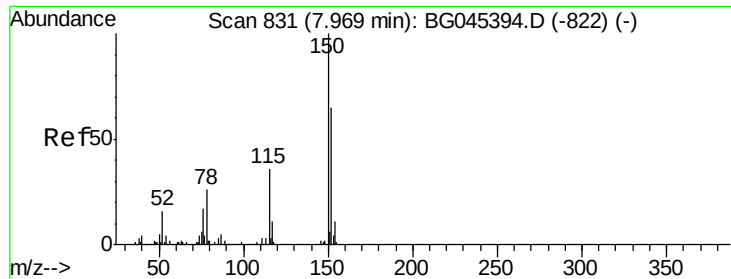
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



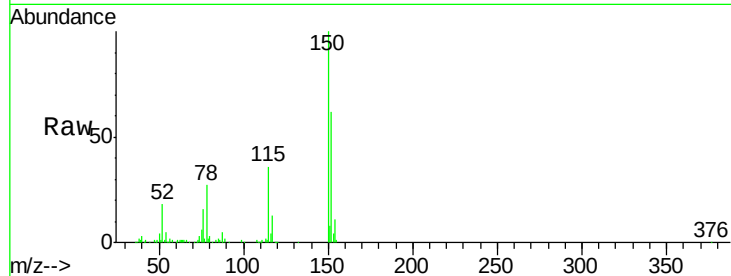


#1

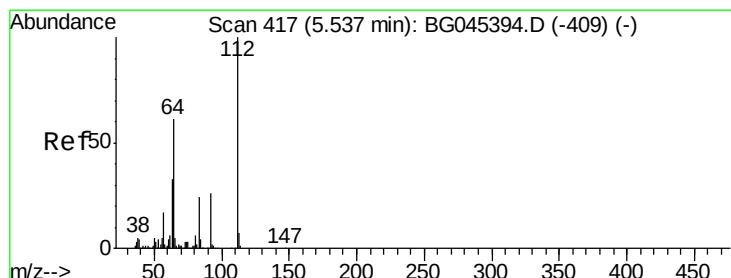
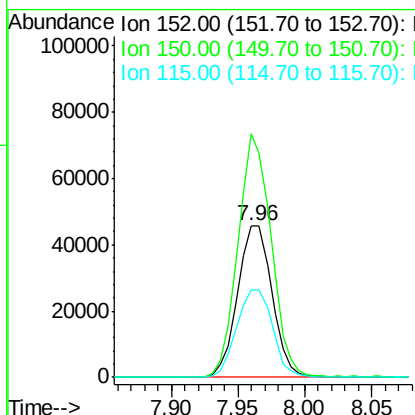
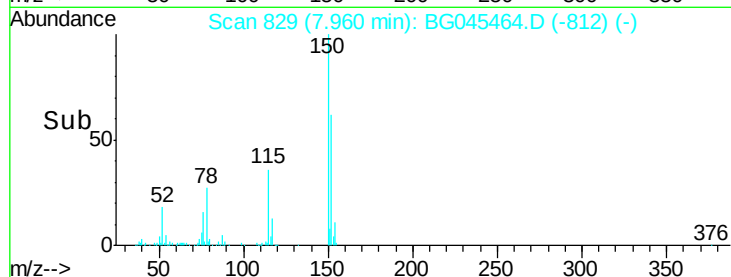
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.4	183.6
115	57.5	44.2	66.4



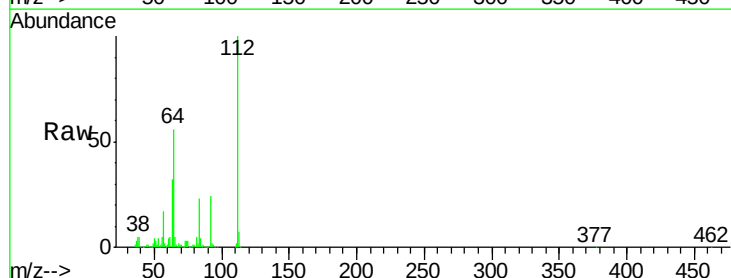
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



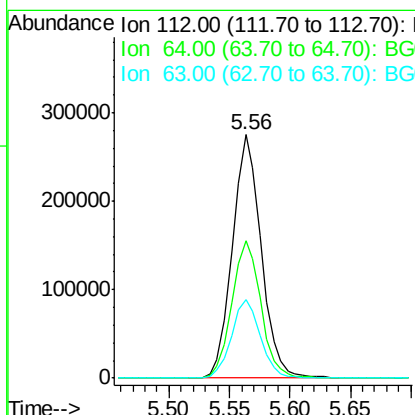
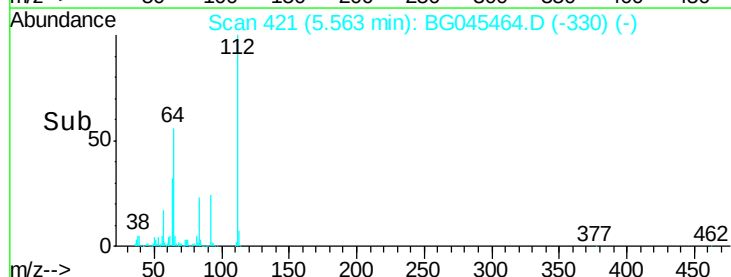
#5

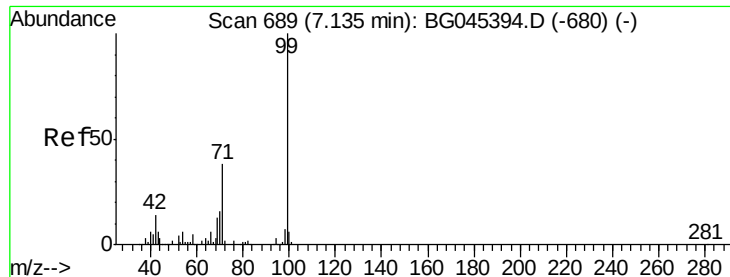
2-Fluorophenol
Concen: 109.401 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	48.6	72.8
63	32.2	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.748 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045464.D

Acq: 26 May 2020 19:36

Instrument :

BNA_G

ClientSampled :

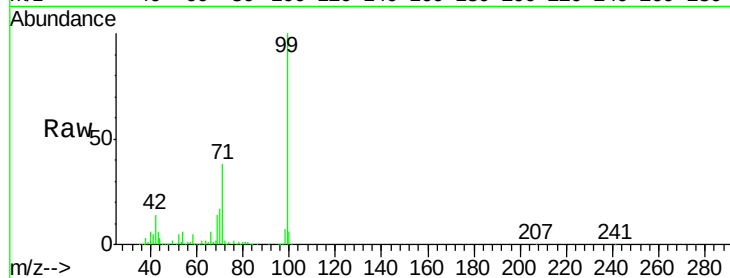
Tot Ion: 99 Resp: 741968

Ion Ratio Lower Upper

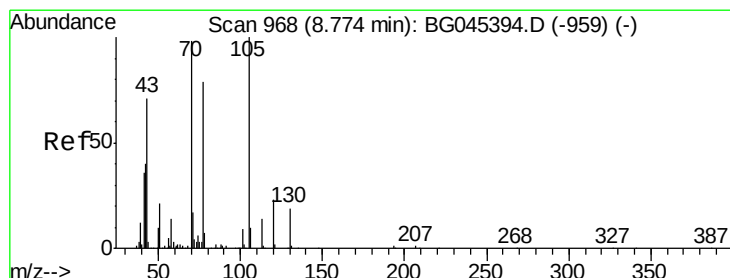
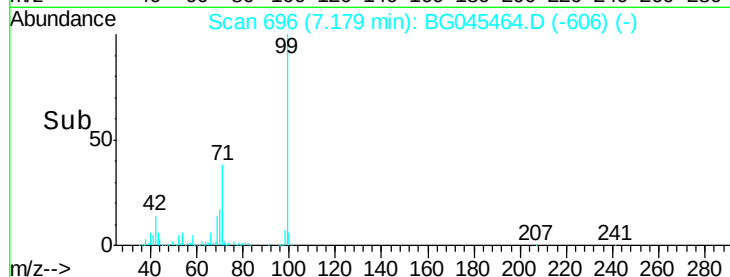
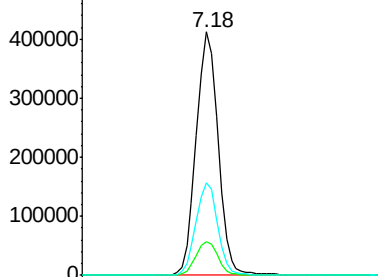
99 100

42 13.9 11.3 16.9

71 37.8 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: 17.412 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.35 min

Lab File: BG045464.D

Acq: 26 May 2020 19:36

Tgt Ion: 70 Resp: 71613

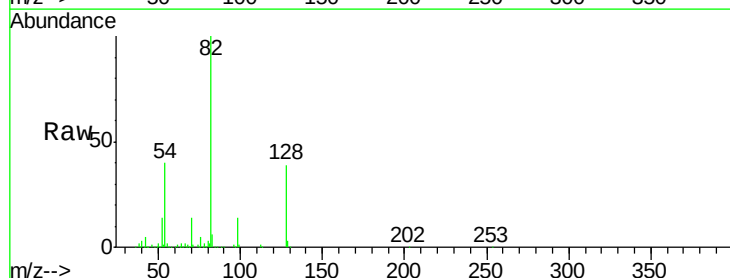
Ion Ratio Lower Upper

70 100

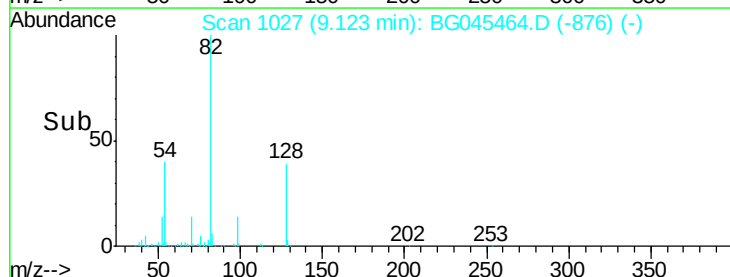
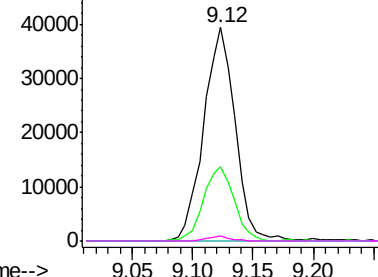
42 34.5 33.2 49.8

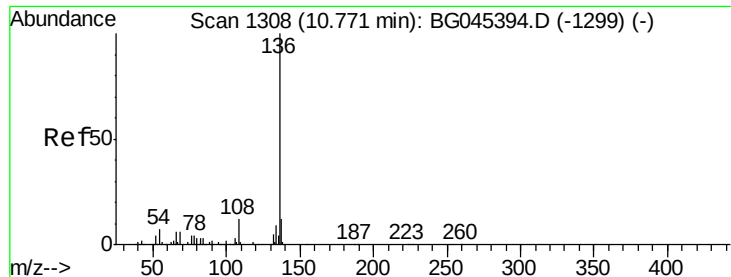
101 0.0 7.8 11.6#

130 2.6 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

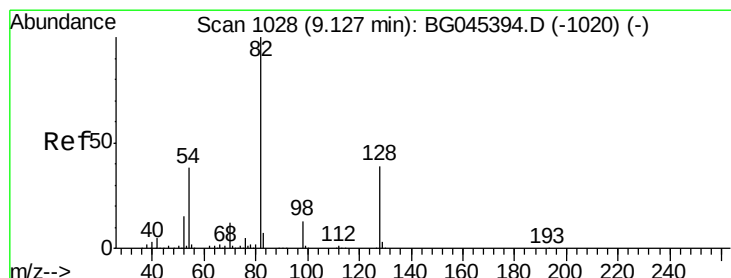
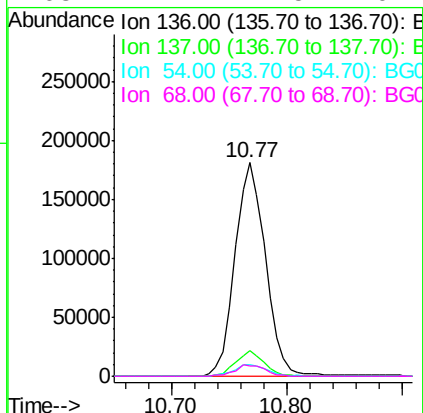
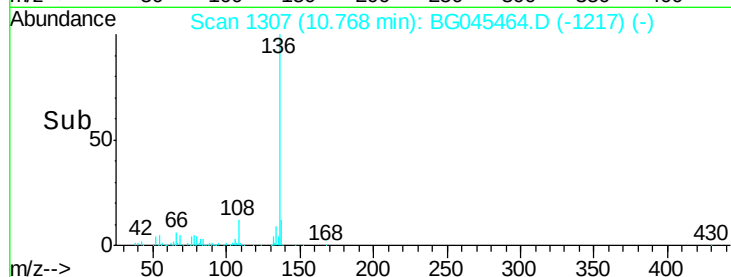
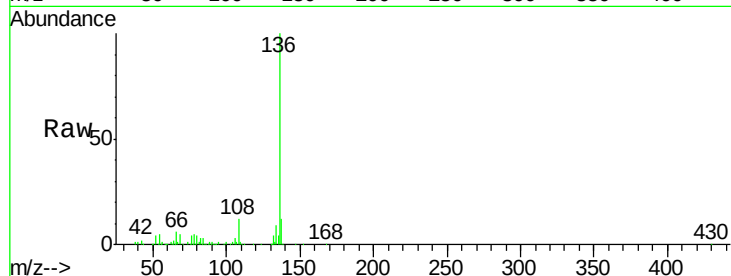




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

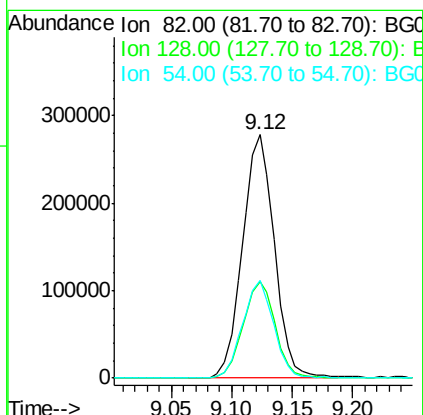
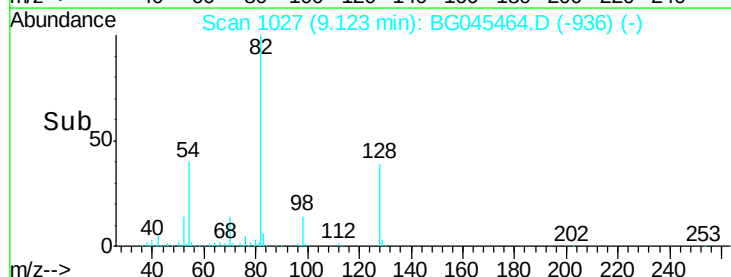
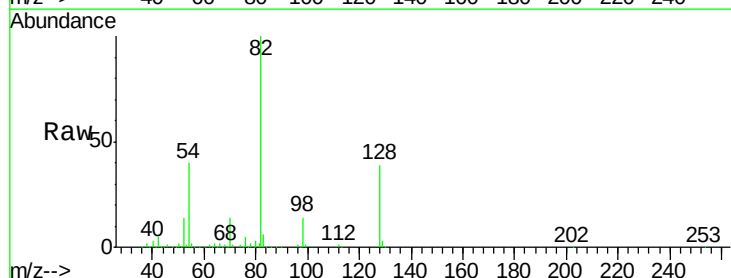
Instrument :
BNA_G
ClientSampleId :

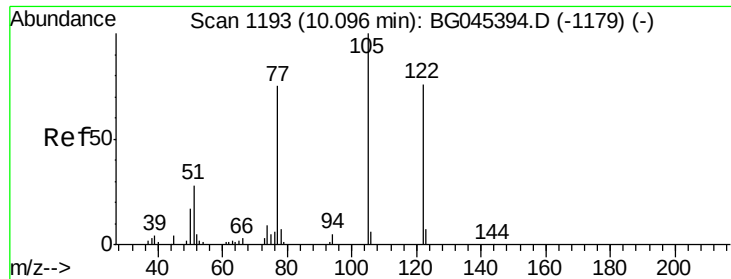
Tot Ion:136	Resp:	331891
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.4	14.2
54 5.5	5.8	8.6#
68 4.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 84.211 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Tgt	Ion: 82	Resp:	512527
Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.9	46.3
54	39.9	30.3	45.5

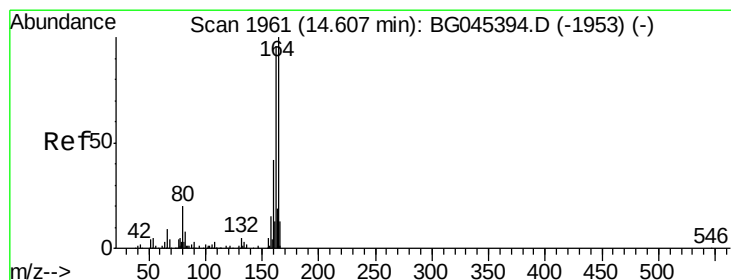
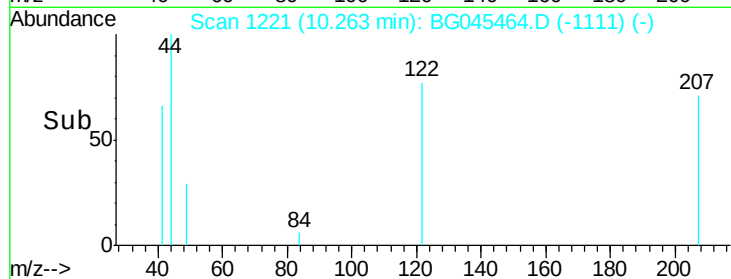
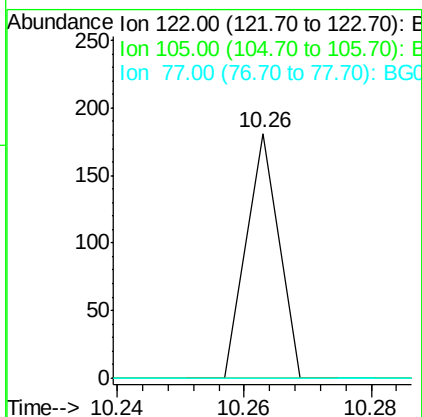
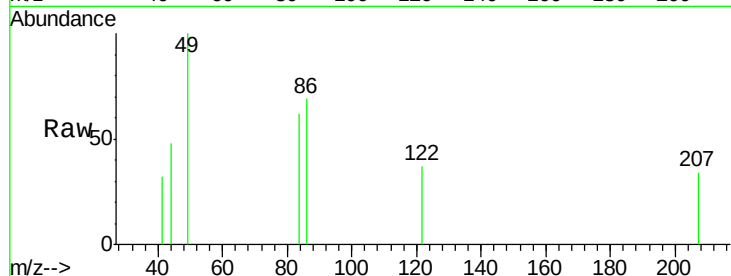




#32
Benzoic acid
Concen: 10.040 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.11 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

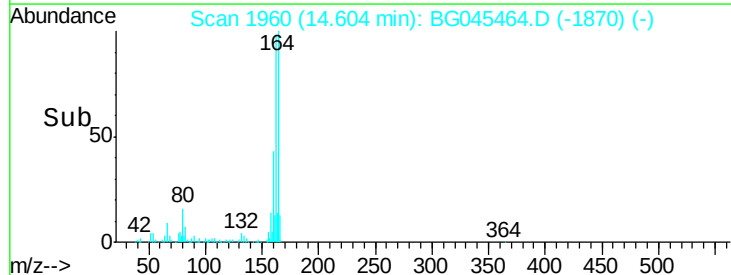
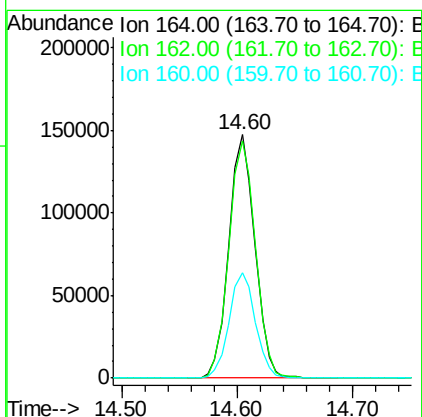
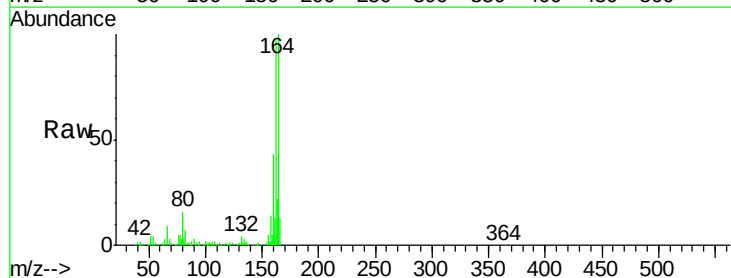
Instrument :
BNA_G
ClientSampleId :

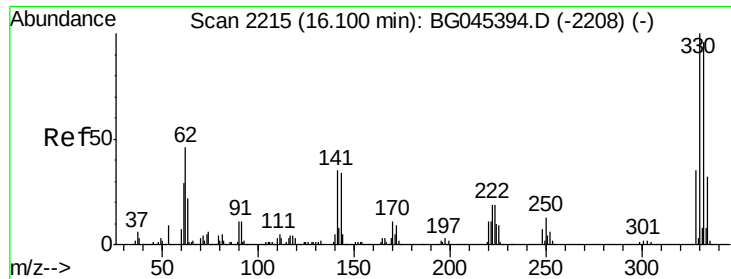
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.9	115.3
160	43.0	33.8	50.8

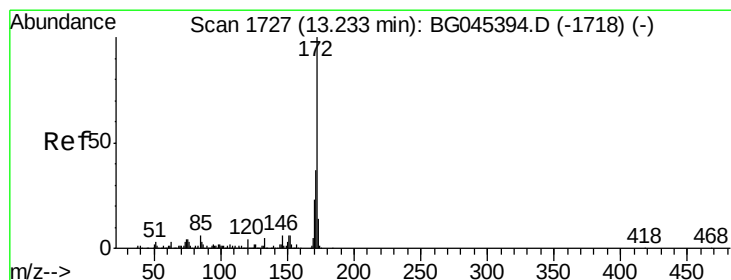
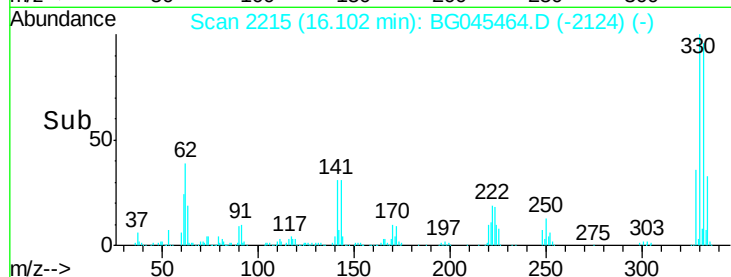
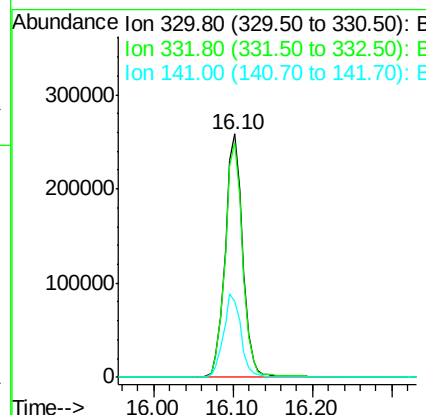
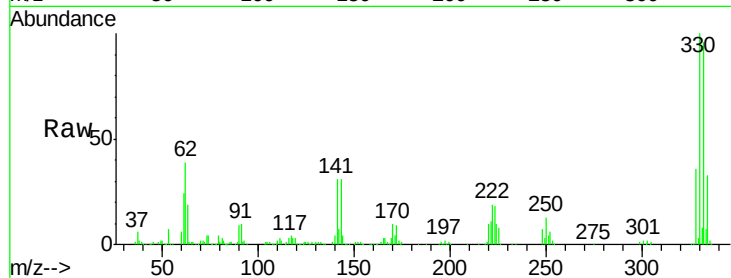




#42
 2,4,6-Tribromophenol
 Concen: 133.999 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045464.D
 Acq: 26 May 2020 19:36

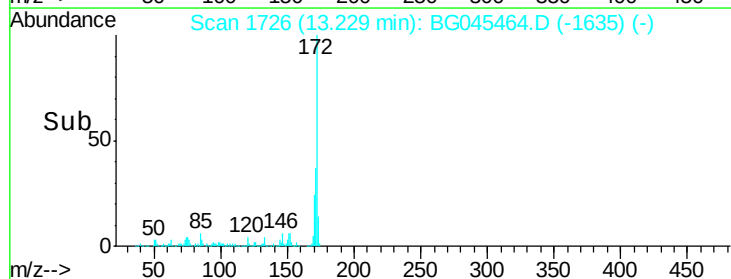
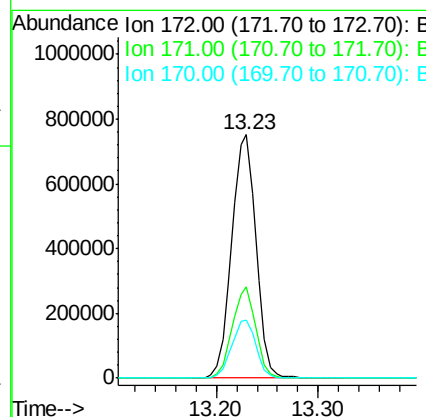
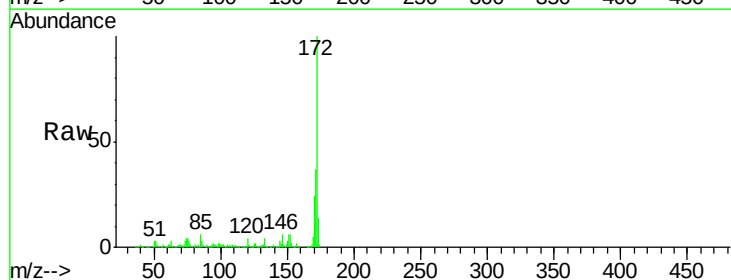
Instrument :
 BNA_G
 ClientSampleId :

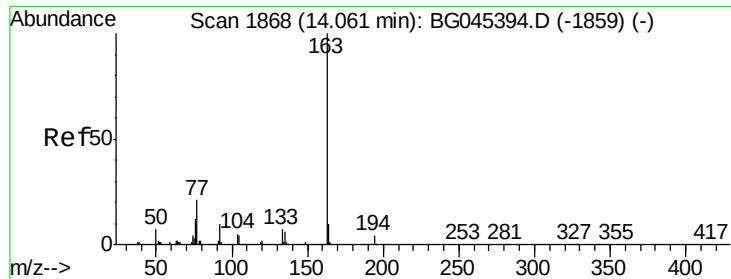
Tot Ion:330 Resp: 395710
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.4
 141 34.3 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 91.633 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045464.D
 Acq: 26 May 2020 19:36

Tgt Ion:172 Resp: 1247430
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 23.9 18.5 27.7

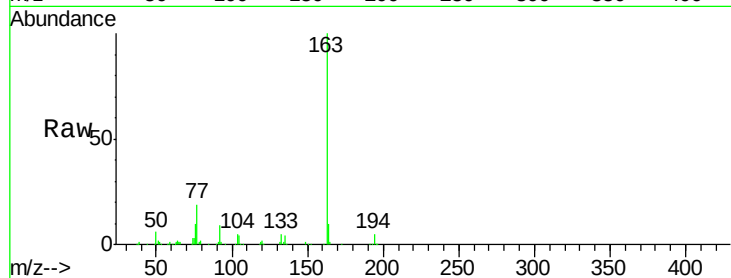




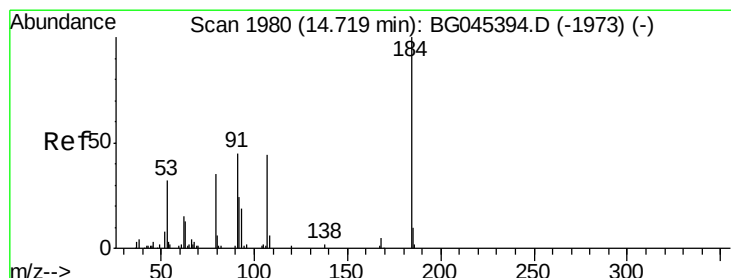
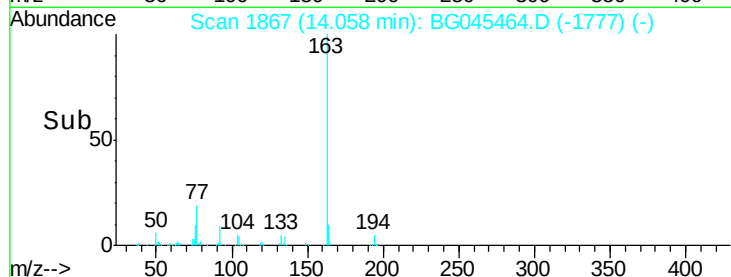
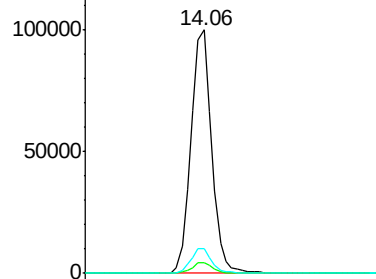
#50
Dimethylphthalate
Concen: 9.752 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.0	8.3	12.5

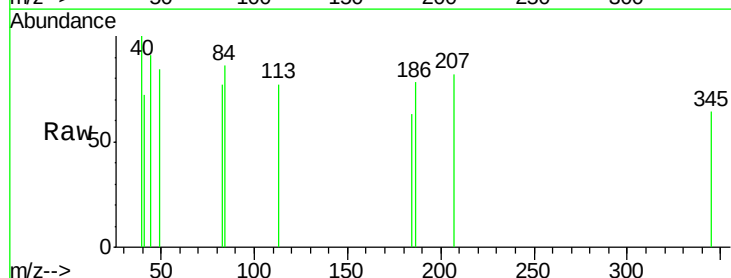


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

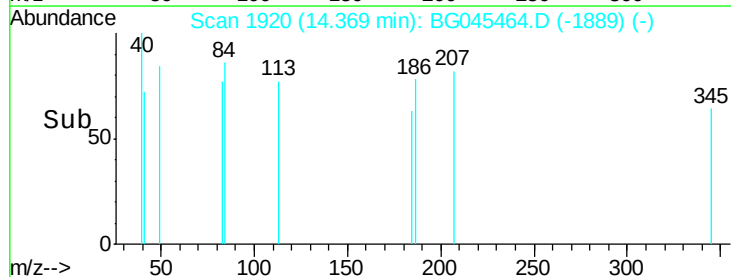
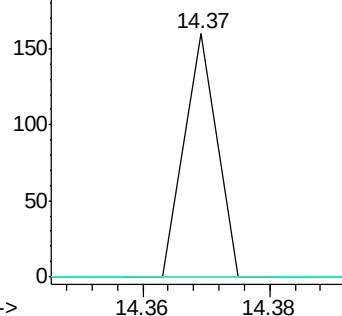


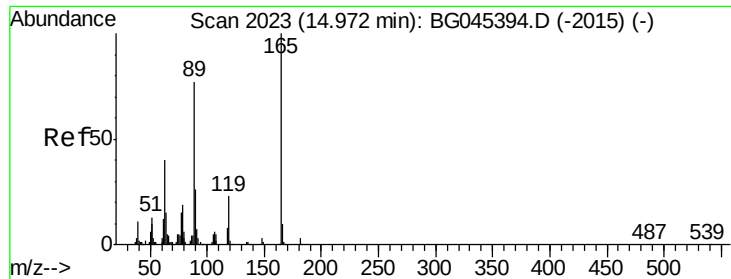
#54
2,4-Dinitrophenol
Concen: 5.481 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.35 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	58.3	87.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 154.00 (153.70 to 154.70): E

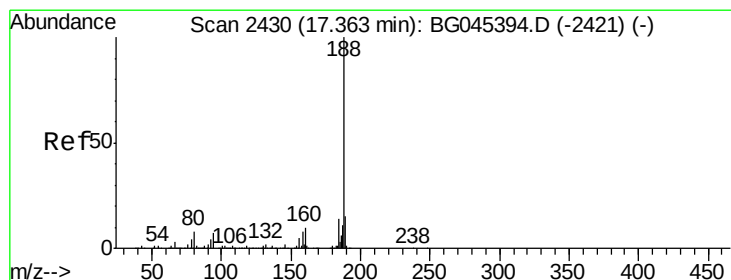
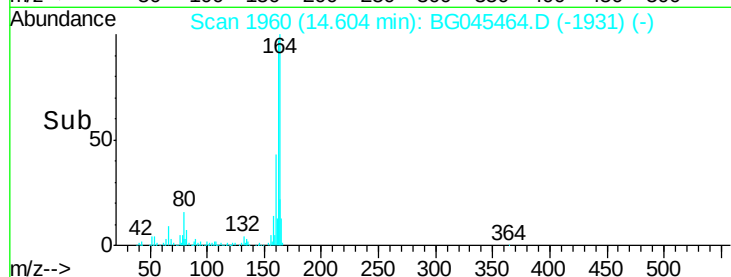
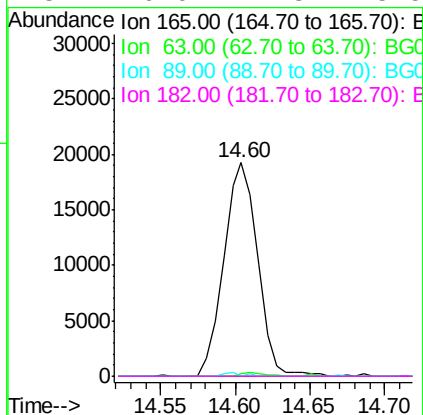
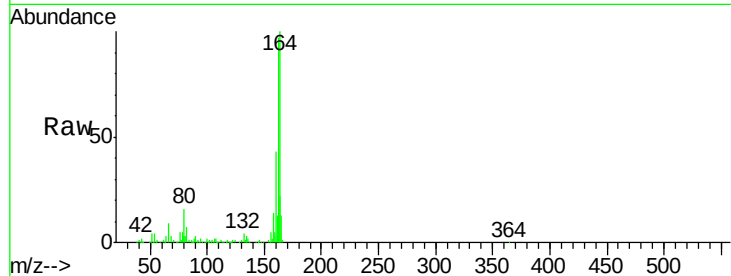




#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.36 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

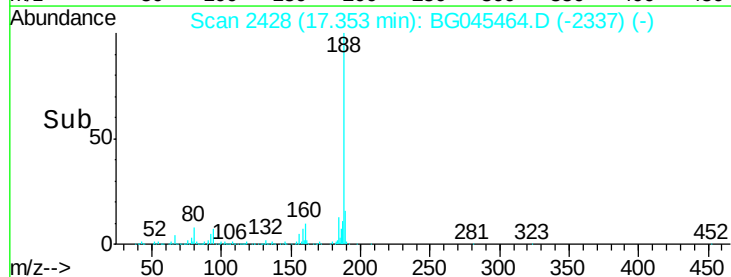
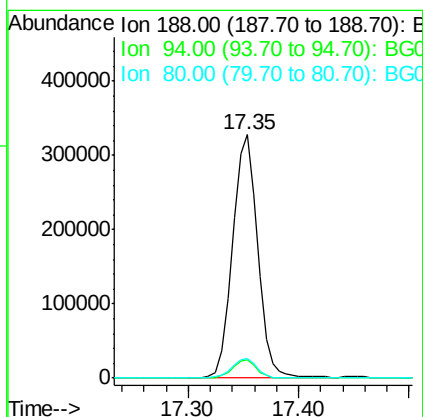
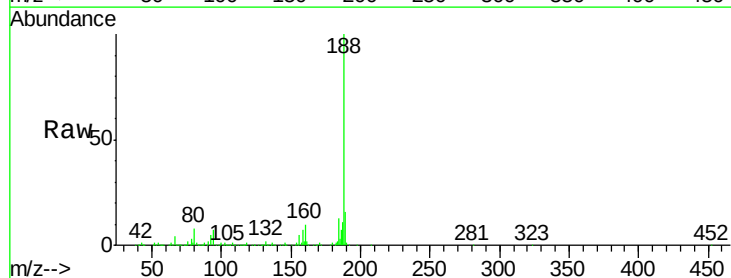
Instrument :
BNA_G
ClientSampleId :

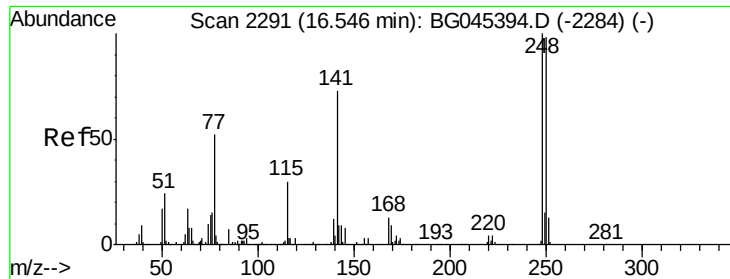
Tot Ion:165 Resp: 30371
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 0.0 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Tgt Ion:188 Resp: 523410
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.0 6.6 10.0

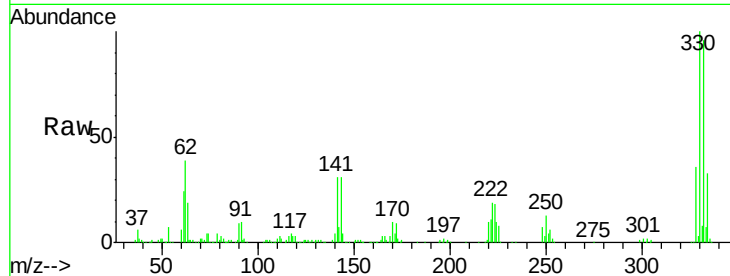




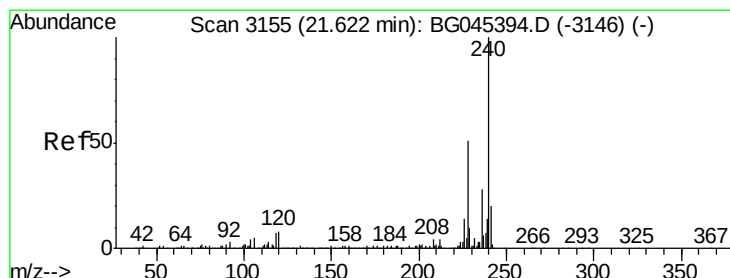
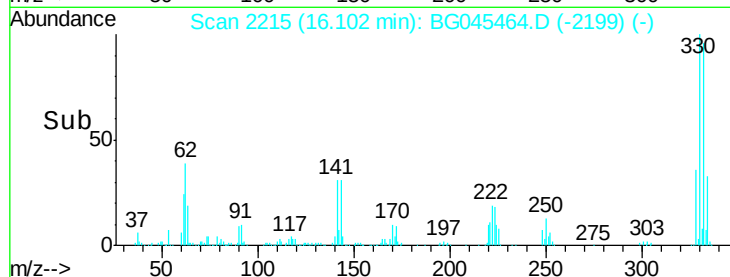
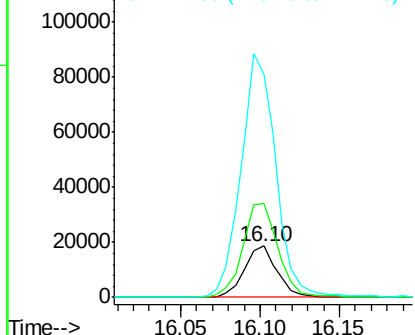
#67
 4-Bromophenyl-phenylether
 Concen: 4.697 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.44 min
 Lab File: BG045464.D
 Acq: 26 May 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.8	78.6	117.8#
141	433.9	58.2	87.2#

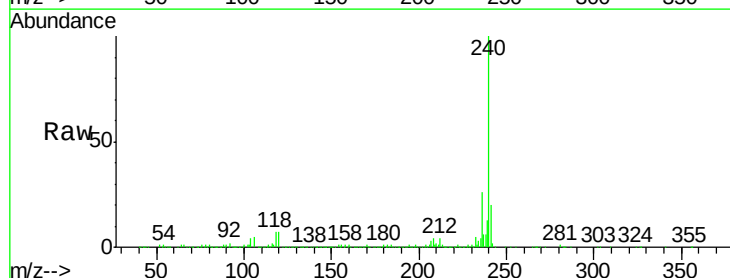


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

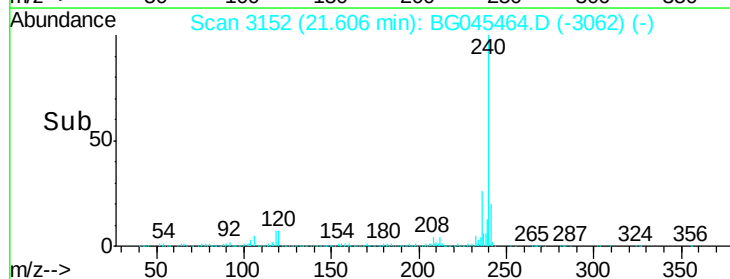
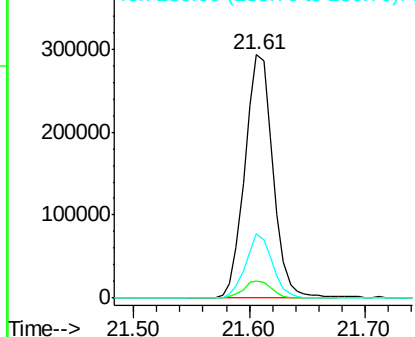


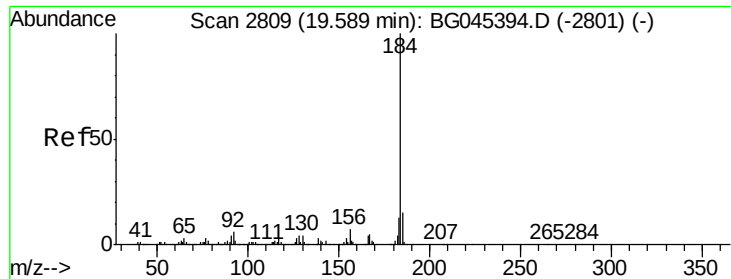
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045464.D
 Acq: 26 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.1	9.1
236	26.4	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: 2.634 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045464.D

Acq: 26 May 2020 19:36

Instrument :

BNA_G

ClientSampleId :

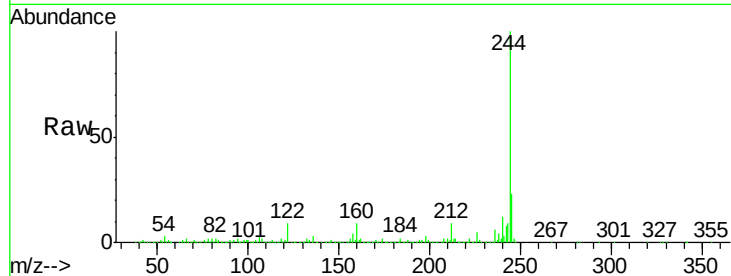
Tot Ion:184 Resp: 36687

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

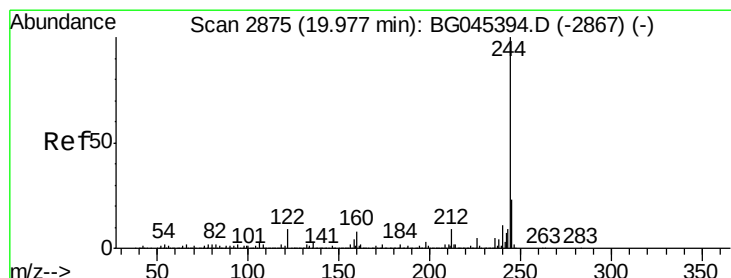
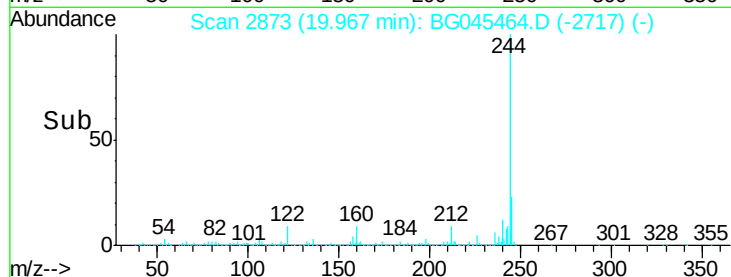
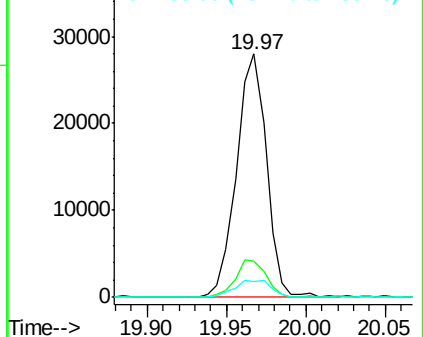
183 6.3 10.2 15.4#



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: 90.610 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045464.D

Acq: 26 May 2020 19:36

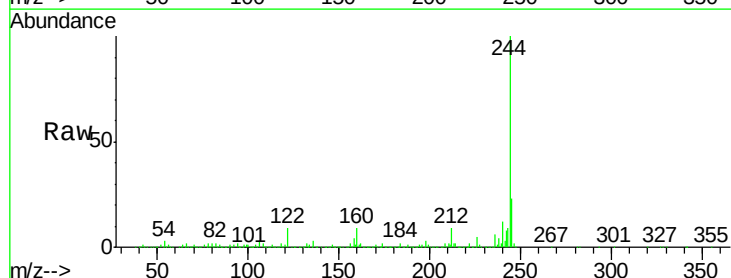
Tgt Ion:244 Resp: 1926573

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

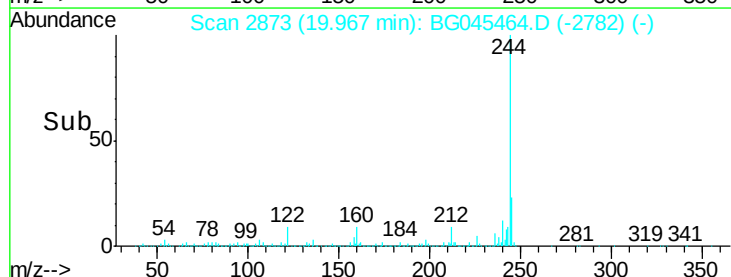
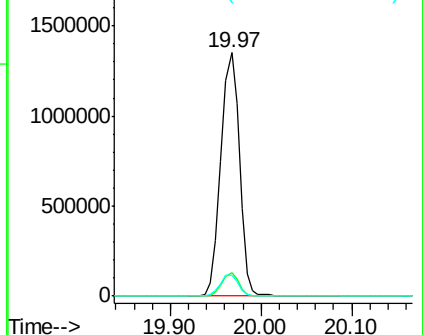
122 8.7 6.8 10.2

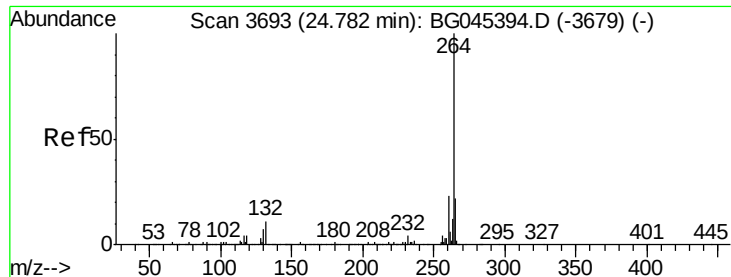


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

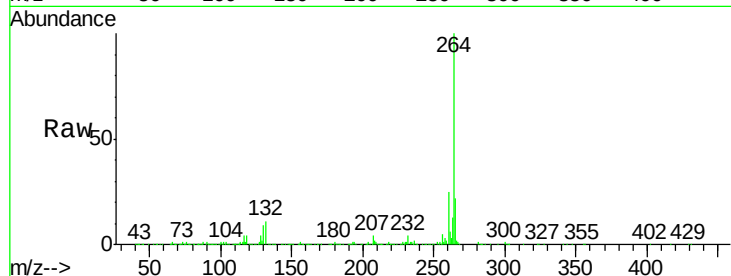




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045464.D
Acq: 26 May 2020 19:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.1	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

