

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045420.D
 Acq On : 18 May 2020 19:48
 Operator : CG/JU
 Sample : L2506-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 19 00:34:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

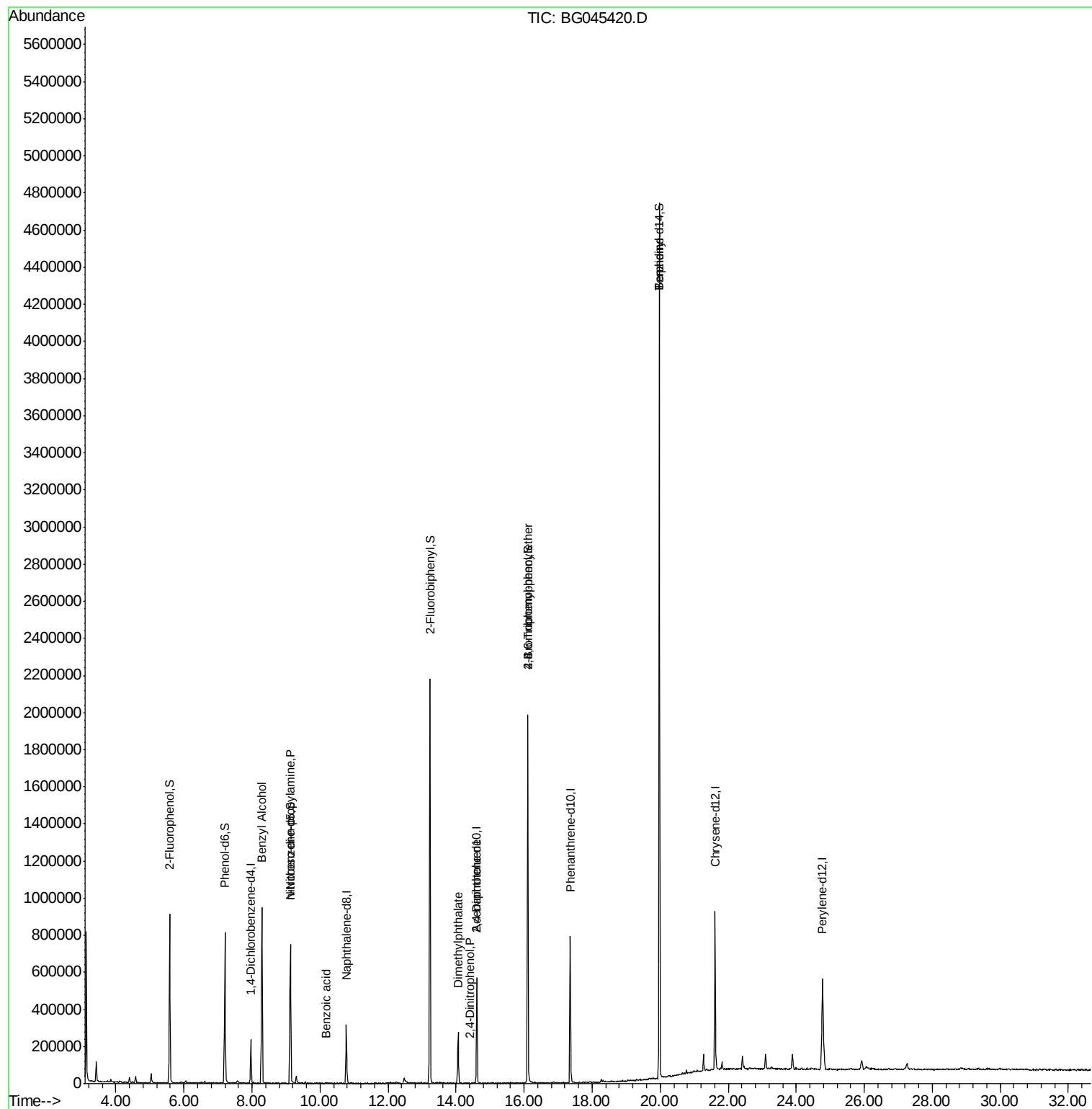
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70739	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	285653	20.00	ng	-0.01
39) Acenaphthene-d10	14.61	164	211387	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	520362	20.00	ng	0.00
76) Chrysene-d12	21.62	240	528632	20.00	ng	-0.01
87) Perylene-d12	24.77	264	554449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	453130	125.19	ng	0.00
7) Phenol-d6	7.20	99	554980	107.72	ng	-0.01
23) Nitrobenzene-d5	9.13	82	519661	99.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.11	330	410832	151.97	ng	-0.01
45) 2-Fluorobiphenyl	13.23	172	1203561	96.58	ng	0.00
79) Terphenyl-d14	19.97	244	2244478	99.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	9130	2.145	ng	# 52
19) n-Nitroso-di-n-propylamine	9.13	70	67812	19.035	ng	# 82
32) Benzoic acid	10.19	122	62	10.043	ng	# 1
50) Dimethylphthalate	14.06	163	189210	13.048	ng	99
54) 2,4-Dinitrophenol	14.42	184	53	5.482	ng	# 17
57) 2,4-Dinitrotoluene	14.61	165	27063	5.711	ng	# 23
67) 4-Bromophenyl-phenylether	16.11	248	26838	4.763	ng	# 1
77) Benzidine	19.97	184	44587	3.003	ng	# 91

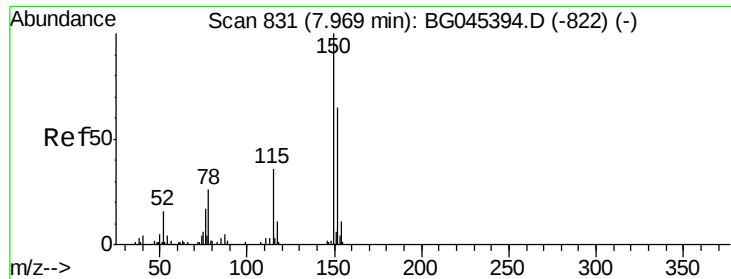
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
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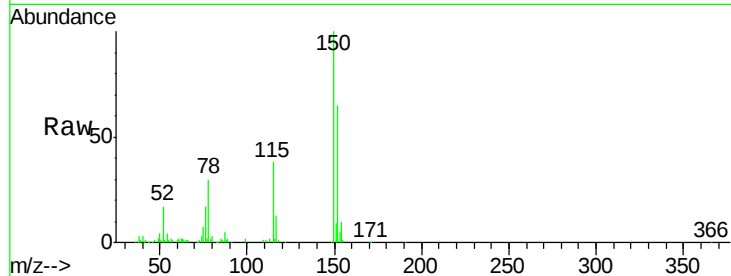


#1

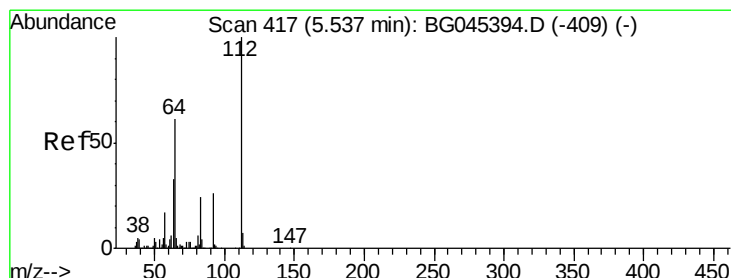
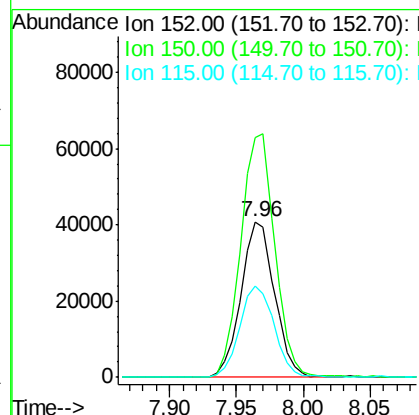
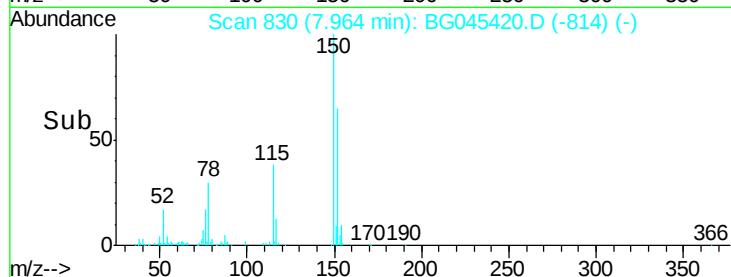
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70739
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 58.2 44.2 66.4



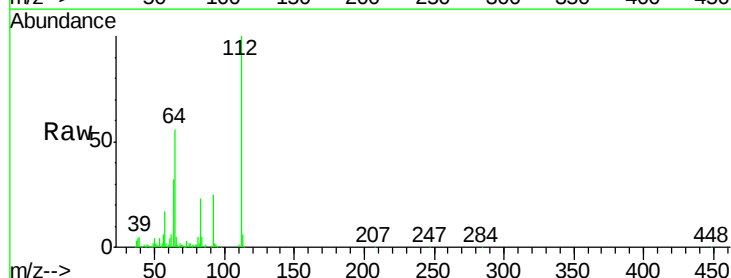
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



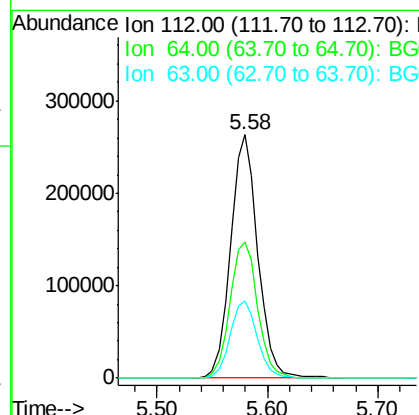
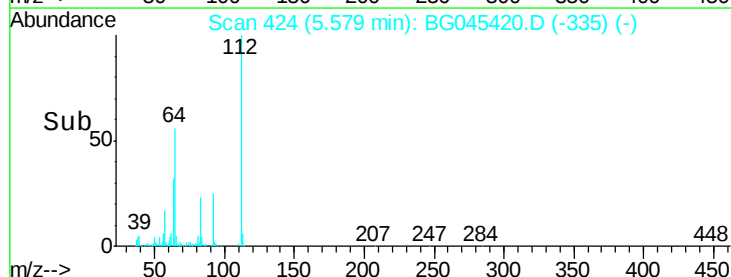
#5

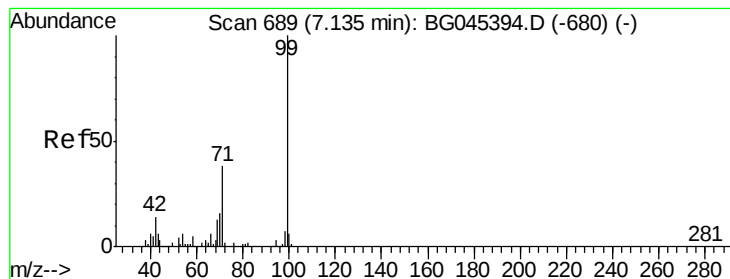
2-Fluorophenol
Concen: 125.186 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Tgt Ion:112 Resp: 453130
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 31.6 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: 107.724 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG045420.D

Acq: 18 May 2020 19:48

Instrument :

BNA_G

ClientSampleId :

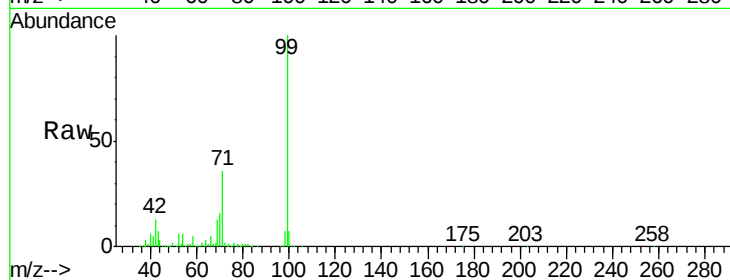
Tot Ion: 99 Resp: 554980

Ion Ratio Lower Upper

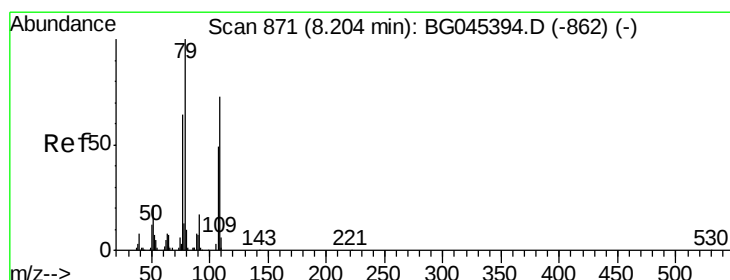
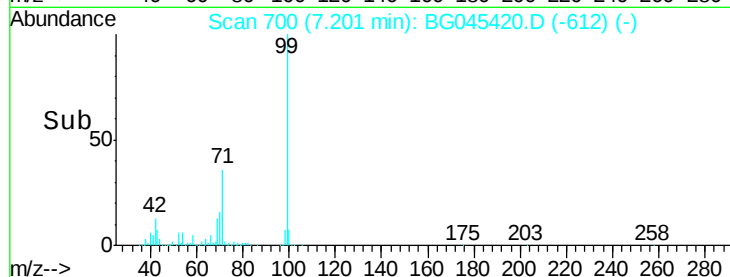
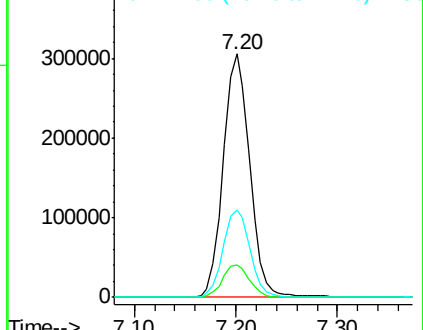
99 100

42 13.1 11.3 16.9

71 36.0 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: 2.145 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.06 min

Lab File: BG045420.D

Acq: 18 May 2020 19:48

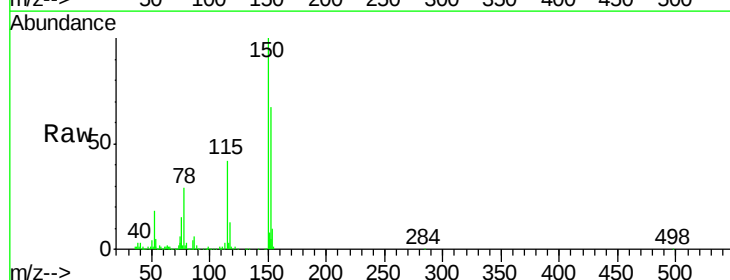
Tgt Ion: 79 Resp: 9130

Ion Ratio Lower Upper

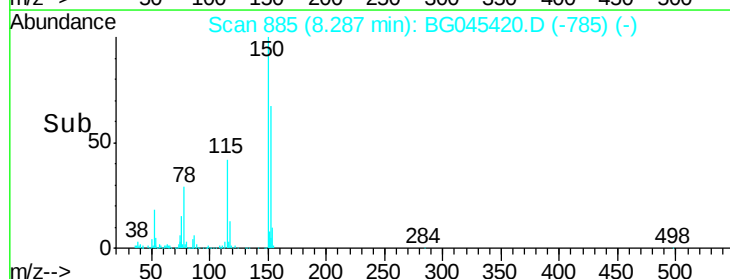
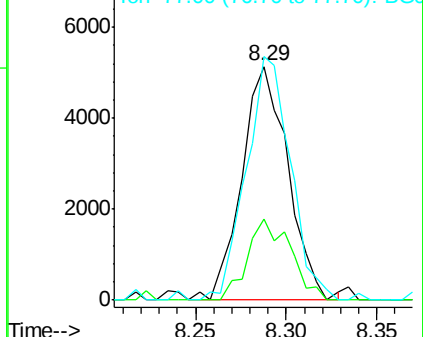
79 100

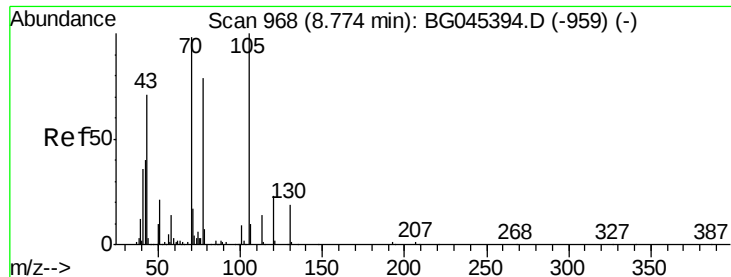
108 34.7 58.2 87.4#

77 104.2 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

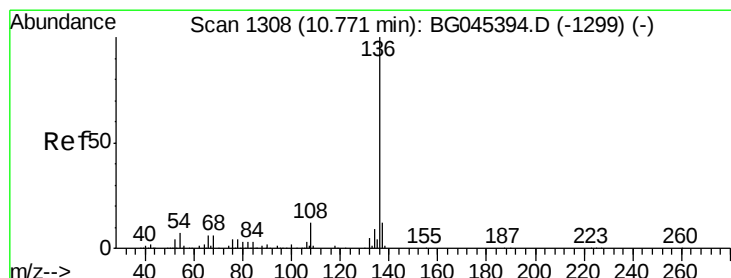
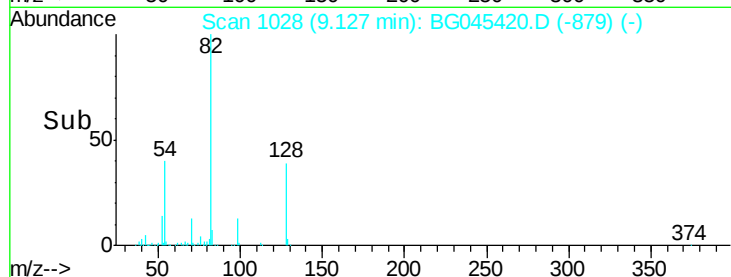
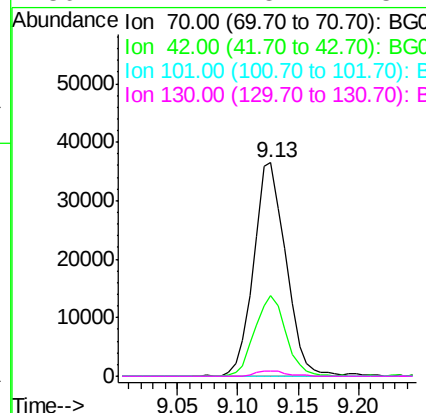
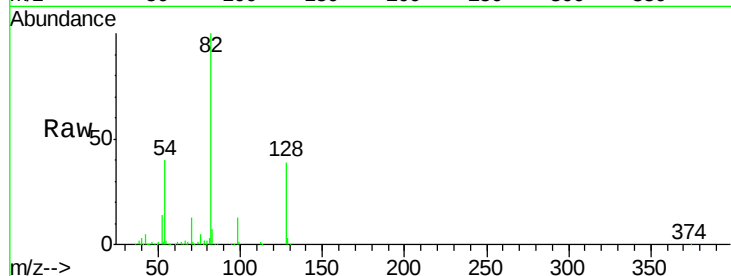




#19
n-Nitroso-di-n-propylamine
Concen: 19.035 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.35 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

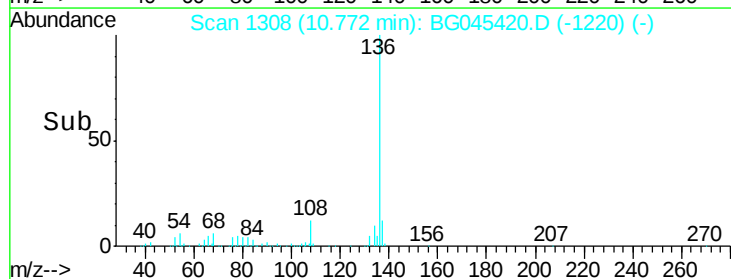
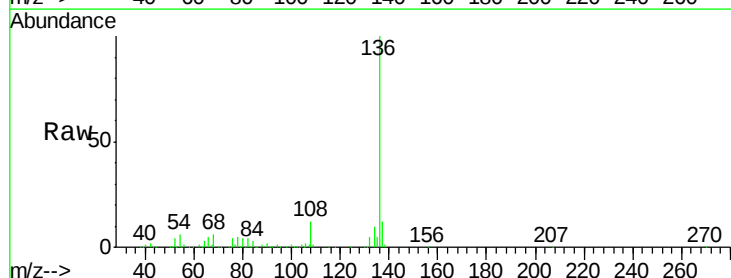
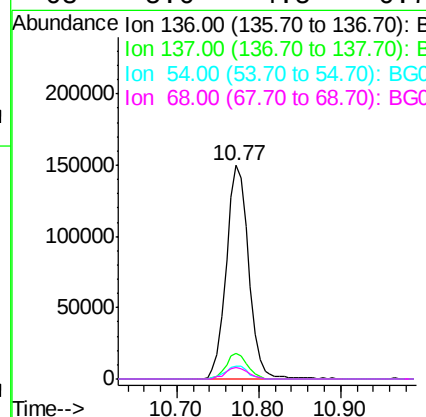
Instrument :
BNA_G
ClientSampled :

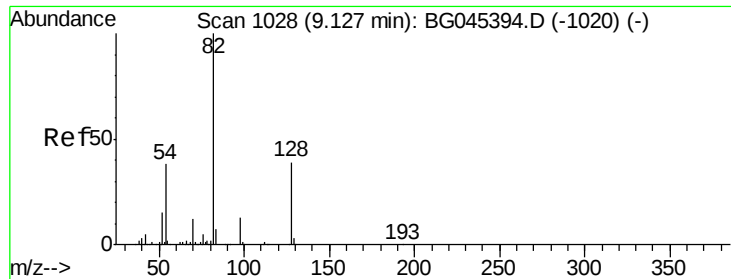
Tot Ion: 70 Resp: 67812
Ion Ratio Lower Upper
70 100
42 37.5 33.2 49.8
101 0.0 7.8 11.6#
130 2.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Tgt Ion: 136 Resp: 285653
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 6.2 5.8 8.6
68 5.6 4.5 6.7

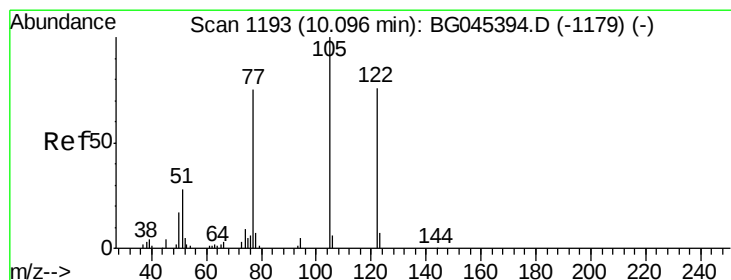
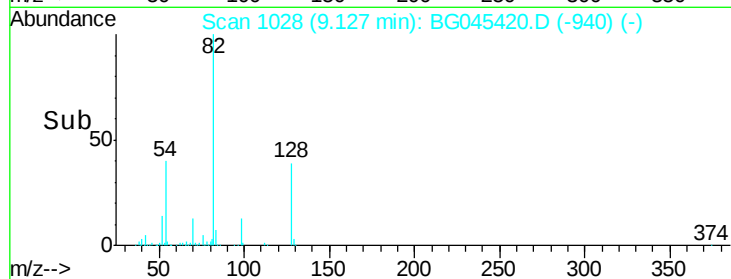
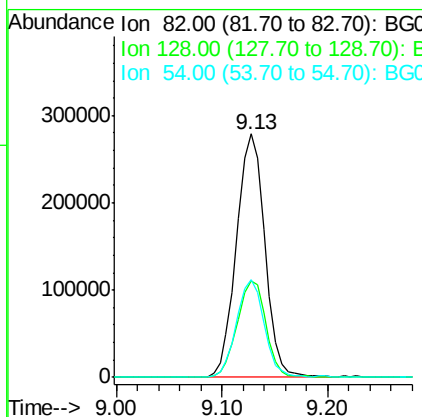
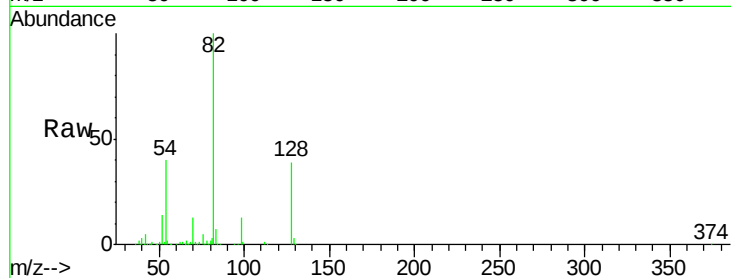




#23
 Nitrobenzene-d5
 Concen: 99.204 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

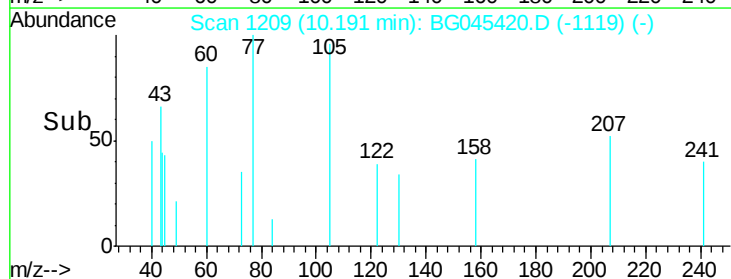
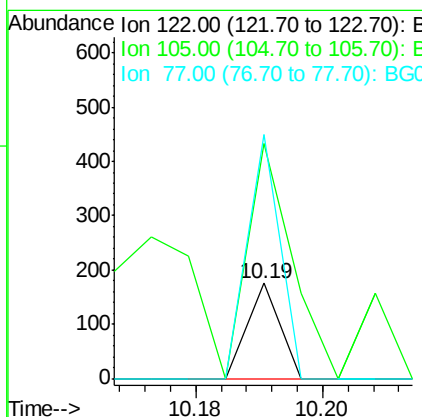
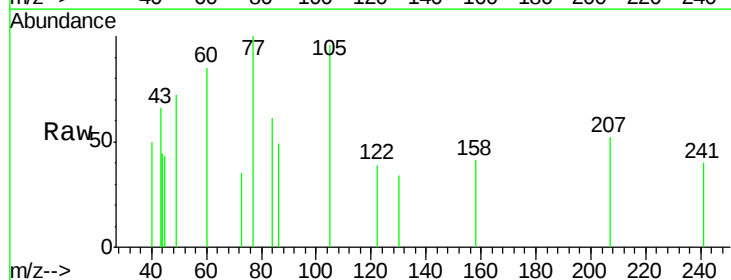
Instrument :
 BNA_G
 ClientSampleId :

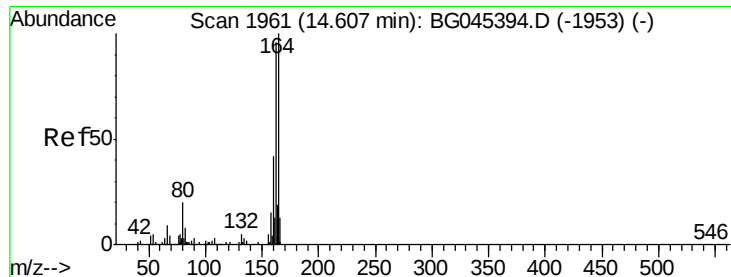
Tot Ion	82	Resp	519661
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.9	46.3
54	40.4	30.3	45.5



#32
 Benzoic acid
 Concen: 10.043 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	246.9	107.9	147.9#
77	256.6	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG045420.D

Acq: 18 May 2020 19:48

Instrument :

BNA_G

ClientSampleId :

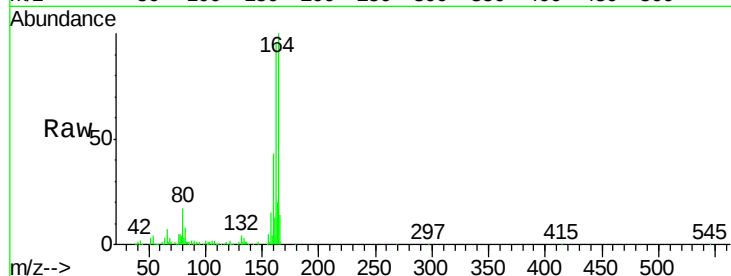
Tot Ion:164 Resp: 211387

Ion Ratio Lower Upper

164 100

162 96.3 76.9 115.3

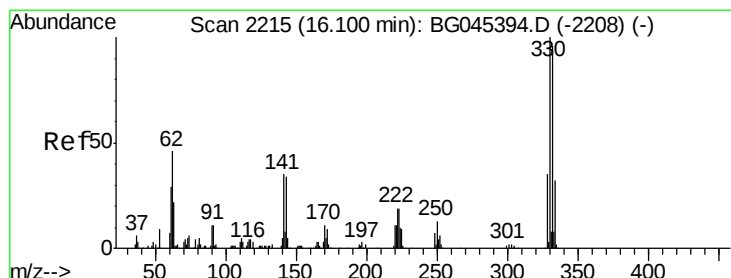
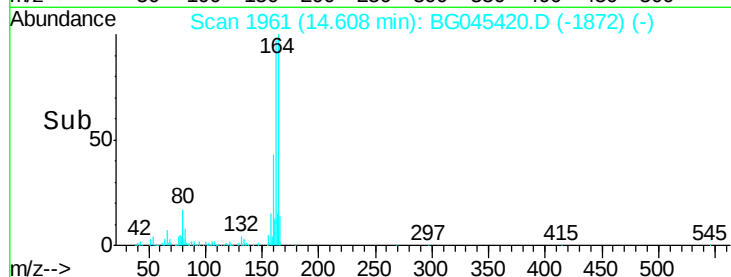
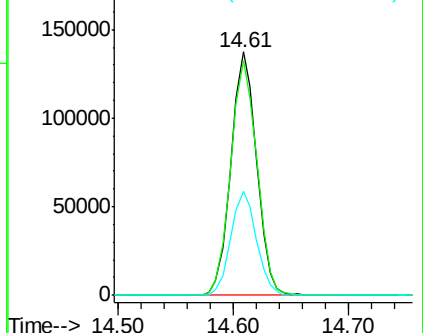
160 42.7 33.8 50.8



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: 151.969 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045420.D

Acq: 18 May 2020 19:48

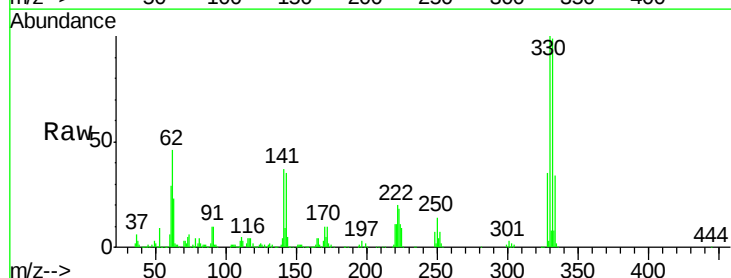
Tgt Ion:330 Resp: 410832

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

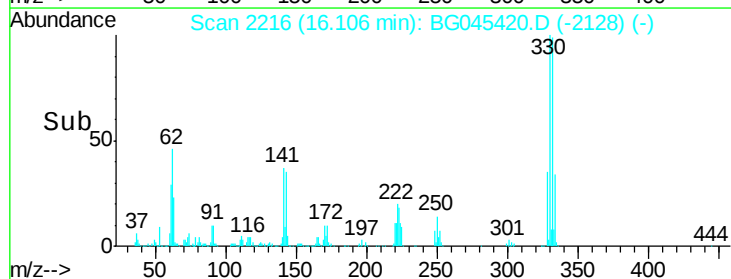
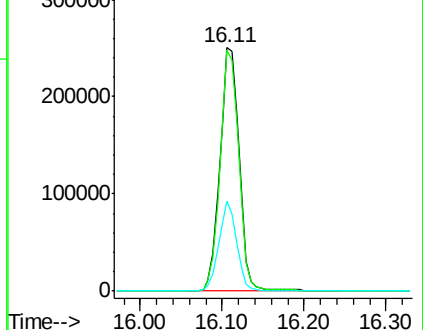
141 34.3 28.2 42.4

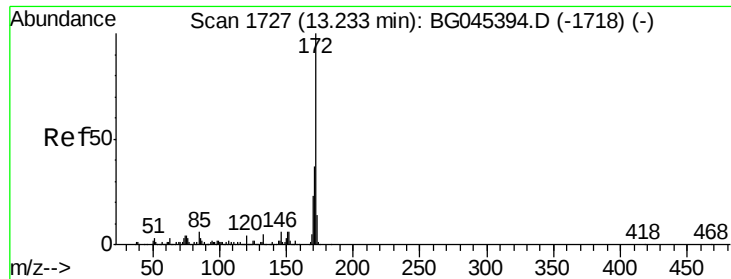


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

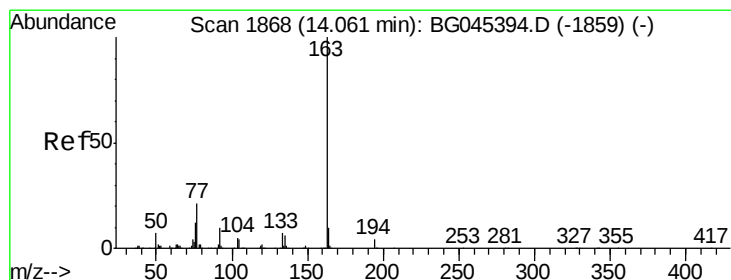
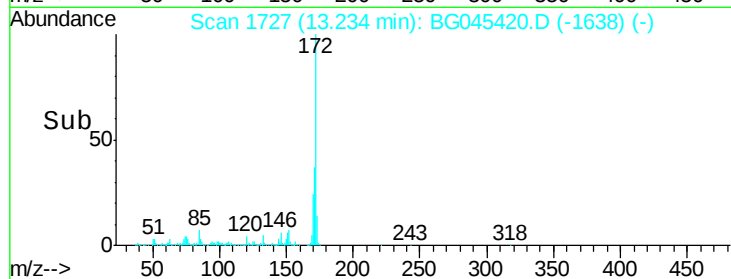
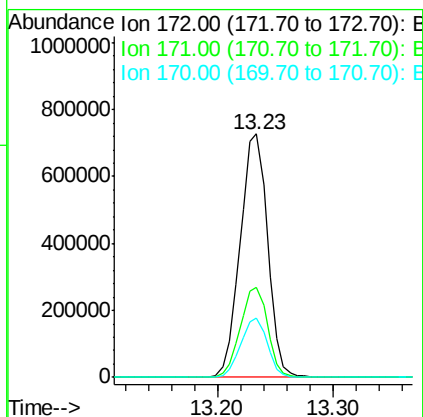
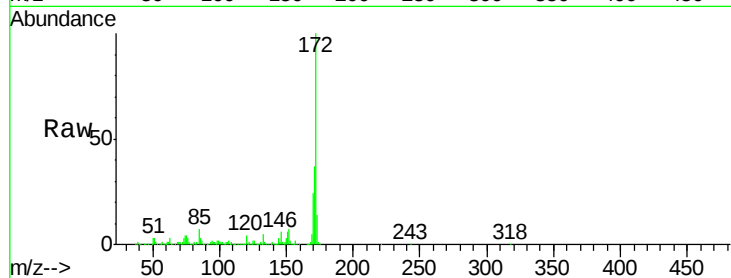




#45
2-Fluorobiphenyl
Concen: 96.576 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

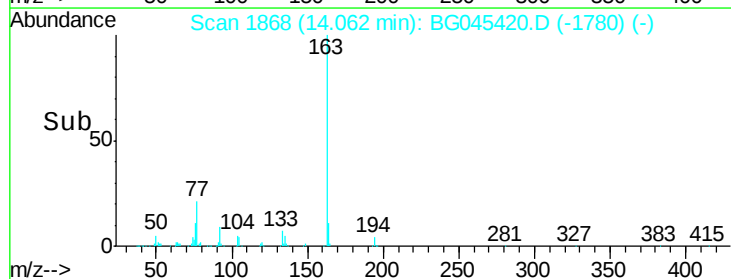
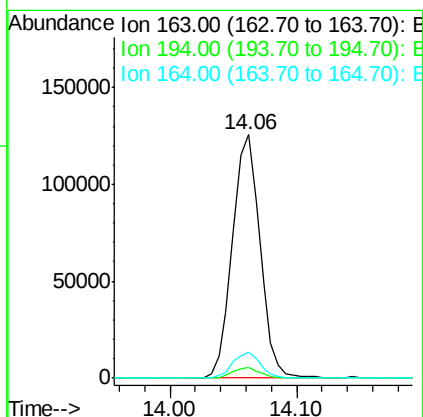
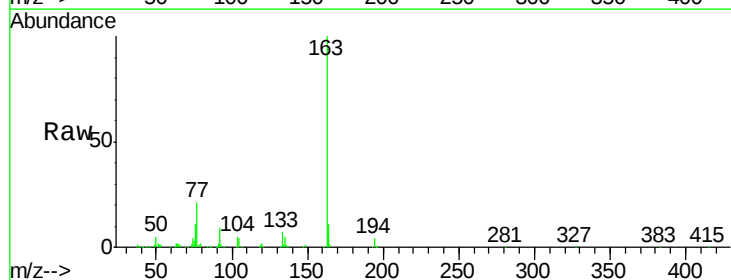
Instrument :
BNA_G
ClientSampleId :

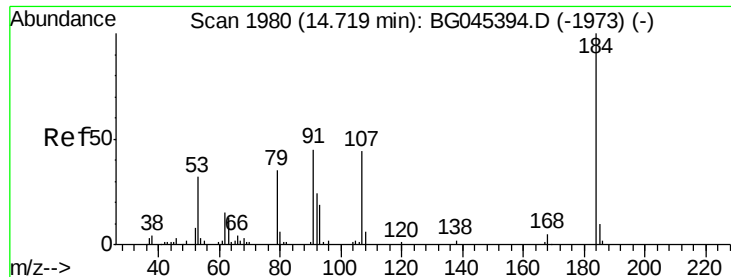
Tot Ion:172 Resp: 1203561
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.5 18.5 27.7



#50
Dimethylphthalate
Concen: 13.048 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Tgt Ion:163 Resp: 189210
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.5 8.3 12.5

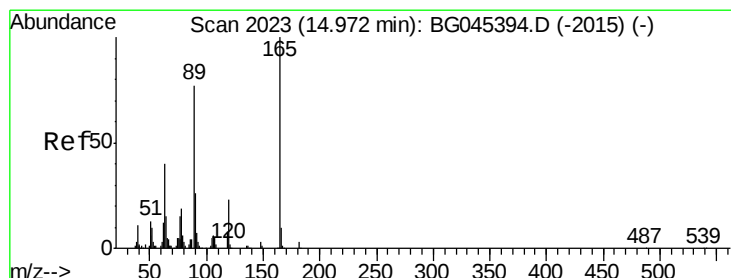
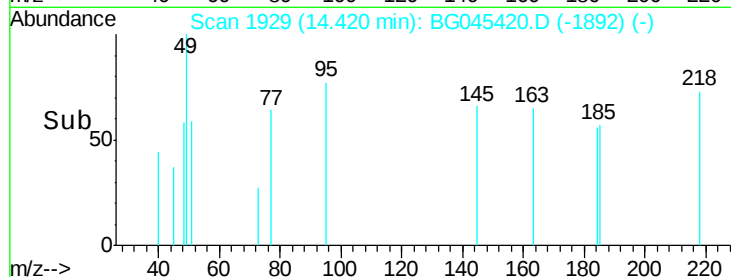
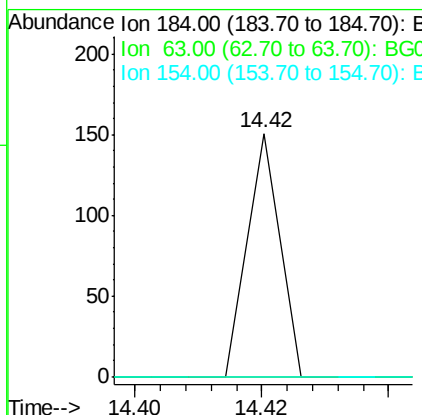
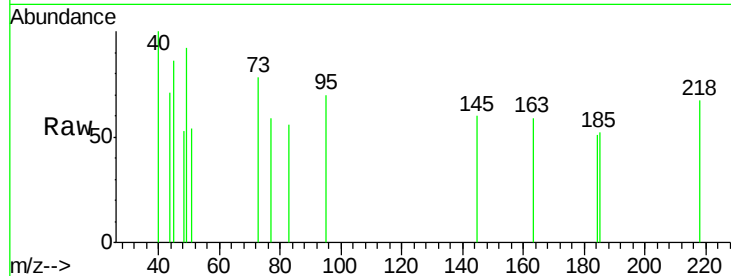




#54
 2,4-Dinitrophenol
 Concen: 5.482 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. -0.31 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

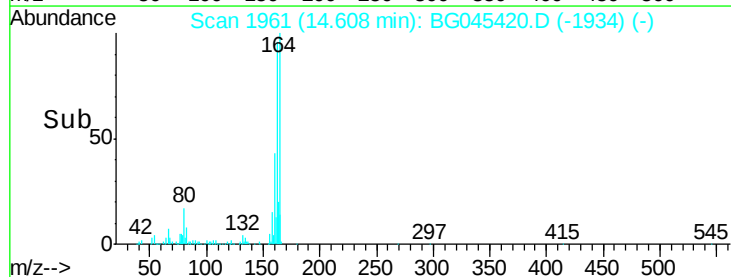
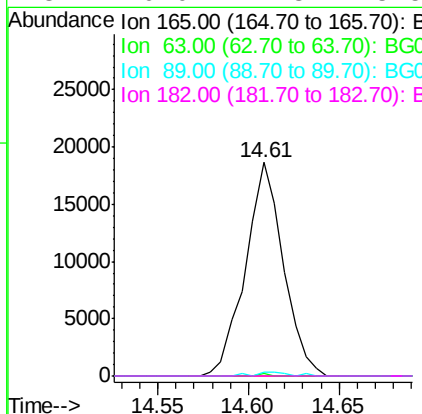
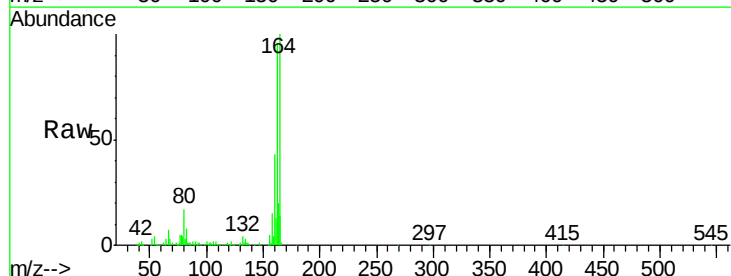
Instrument :
 BNA_G
 ClientSampleId :

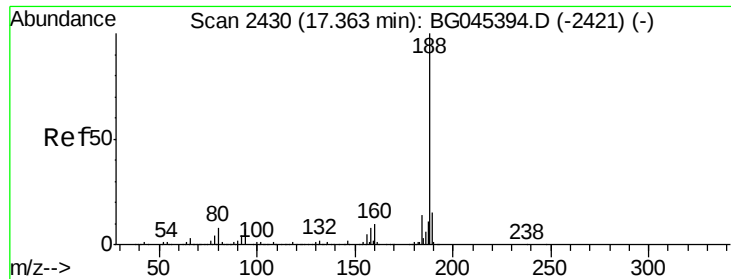
Tot Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.711 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.37 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

Tgt Ion:165 Resp: 27063
 Ion Ratio Lower Upper
 165 100
 63 1.4 32.5 48.7#
 89 1.6 61.8 92.6#
 182 0.0 2.3 3.5#

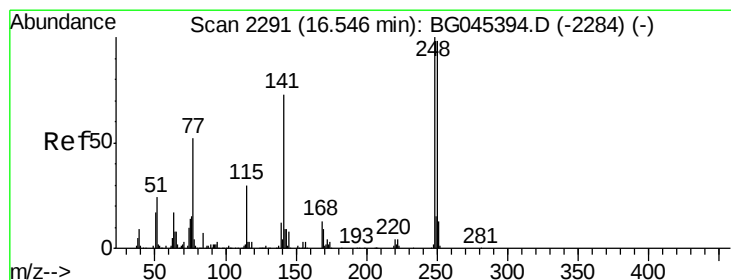
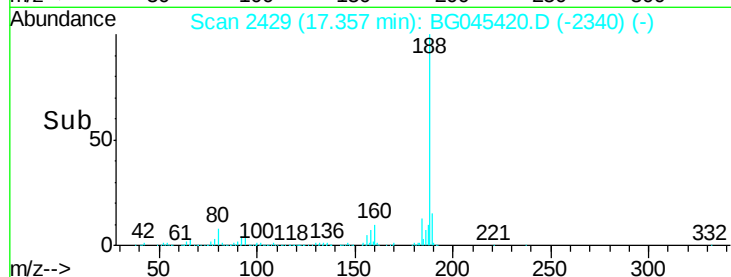
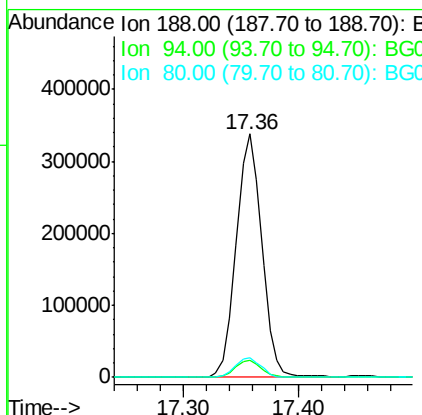
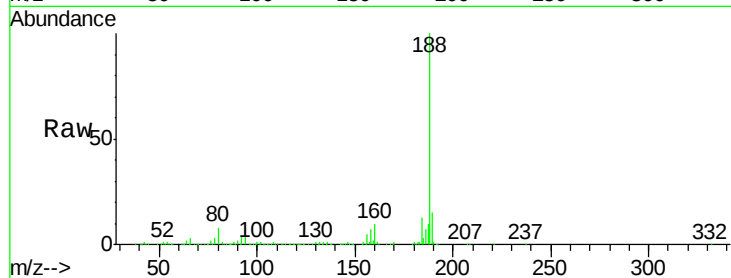




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

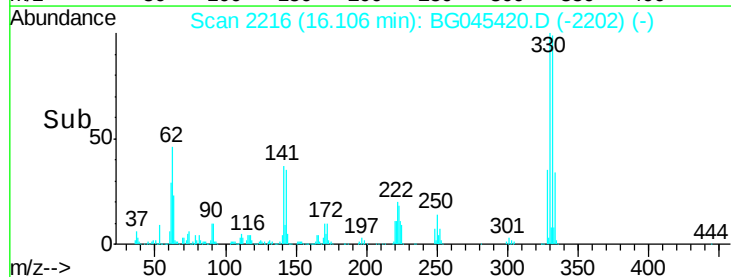
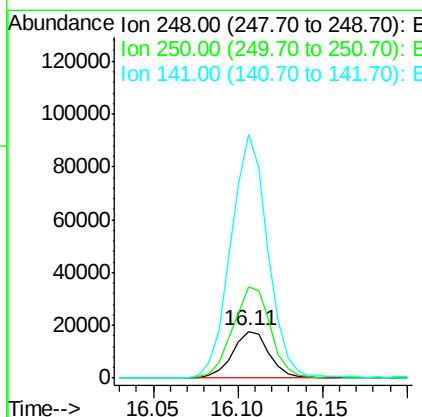
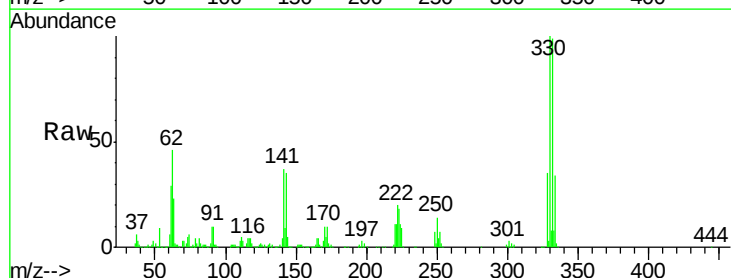
Instrument :
BNA_G
ClientSampleId :

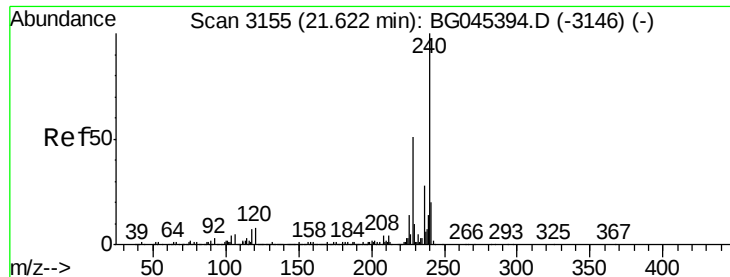
Tot Ion	188	Resp	520362
Ion Ratio	100		
Lower	5.5		
Upper	8.3		
94	6.8		
80	8.2		
6.6			
10.0			



#67
4-Bromophenyl-phenylether
Concen: 4.763 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Tgt Ion	248	Resp	26838
Ion Ratio	100		
Lower	78.6		
Upper	117.8#		
250	195.3		
141	519.3		
58.2			
87.2#			

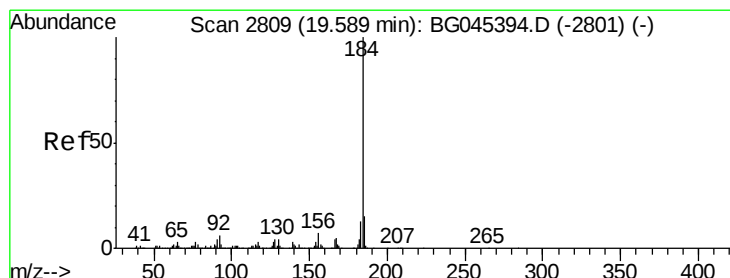
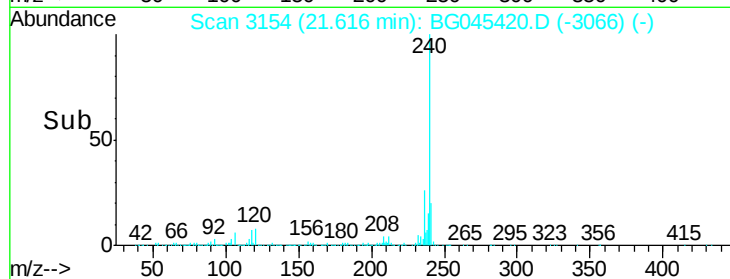
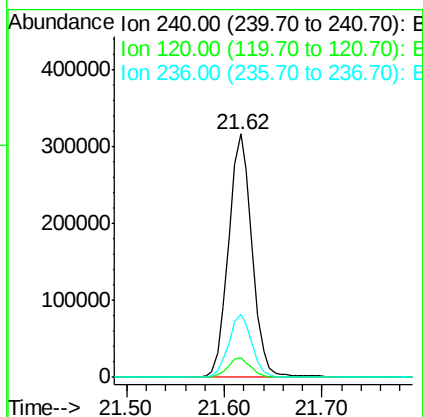
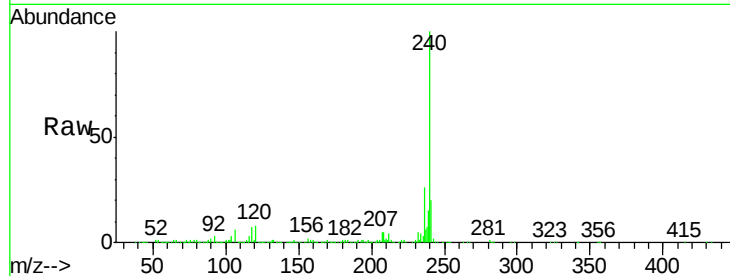




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

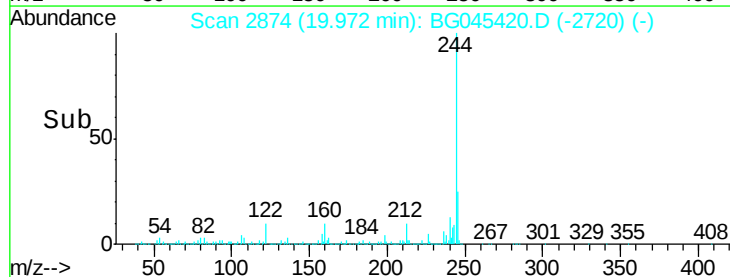
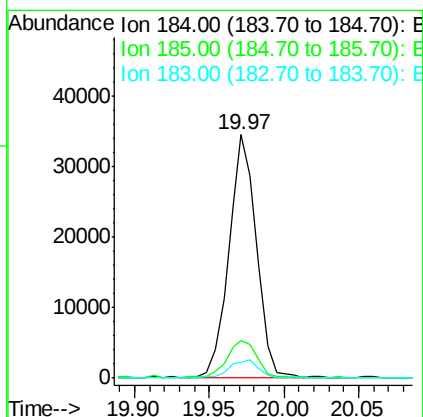
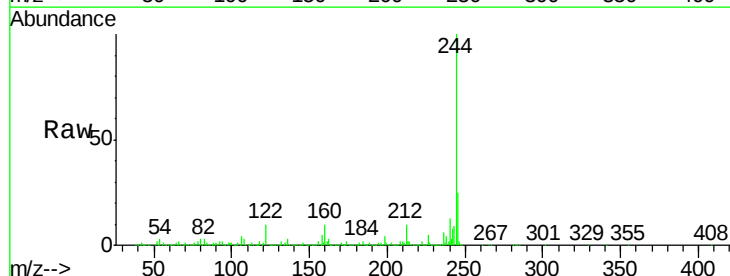
Instrument :
BNA_G
ClientSampleId :

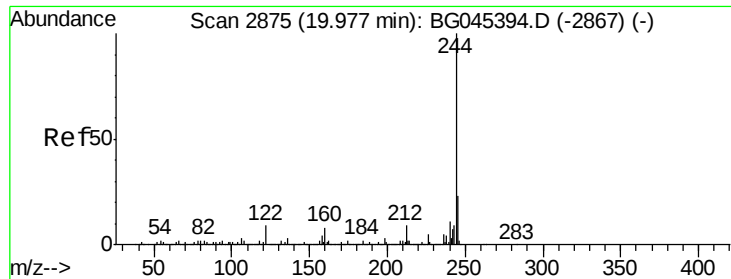
Tot Ion:240 Resp: 528632
Ion Ratio Lower Upper
240 100
120 7.8 6.1 9.1
236 26.1 22.3 33.5



#77
Benzidine
Concen: 3.003 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.38 min
Lab File: BG045420.D
Acq: 18 May 2020 19:48

Tgt Ion:184 Resp: 44587
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 6.4 10.2 15.4#



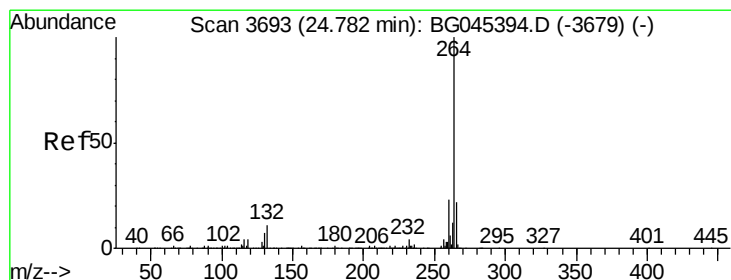
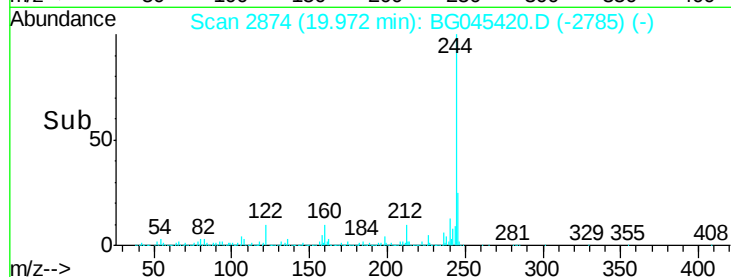
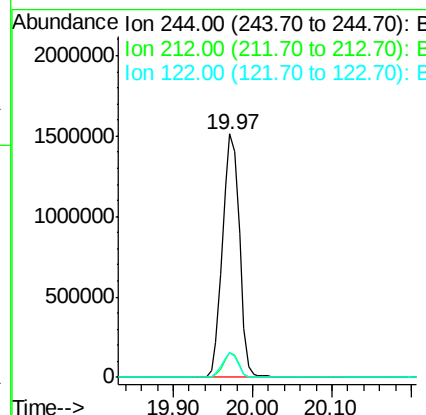
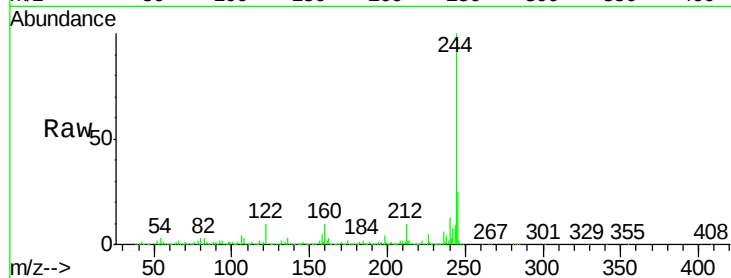


#79
 Terphenyl-d14
 Concen: 99.025 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2244478

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.4	11.0
122	10.2	6.8	10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.77 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BG045420.D
 Acq: 18 May 2020 19:48

Tgt Ion:264 Resp: 554449

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	19.8	17.6	26.4

