

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045731.D
 Acq On : 11 Jun 2020 21:39
 Operator : CG/JU
 Sample : L2810-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920

Quant Time: Jun 12 02:30:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

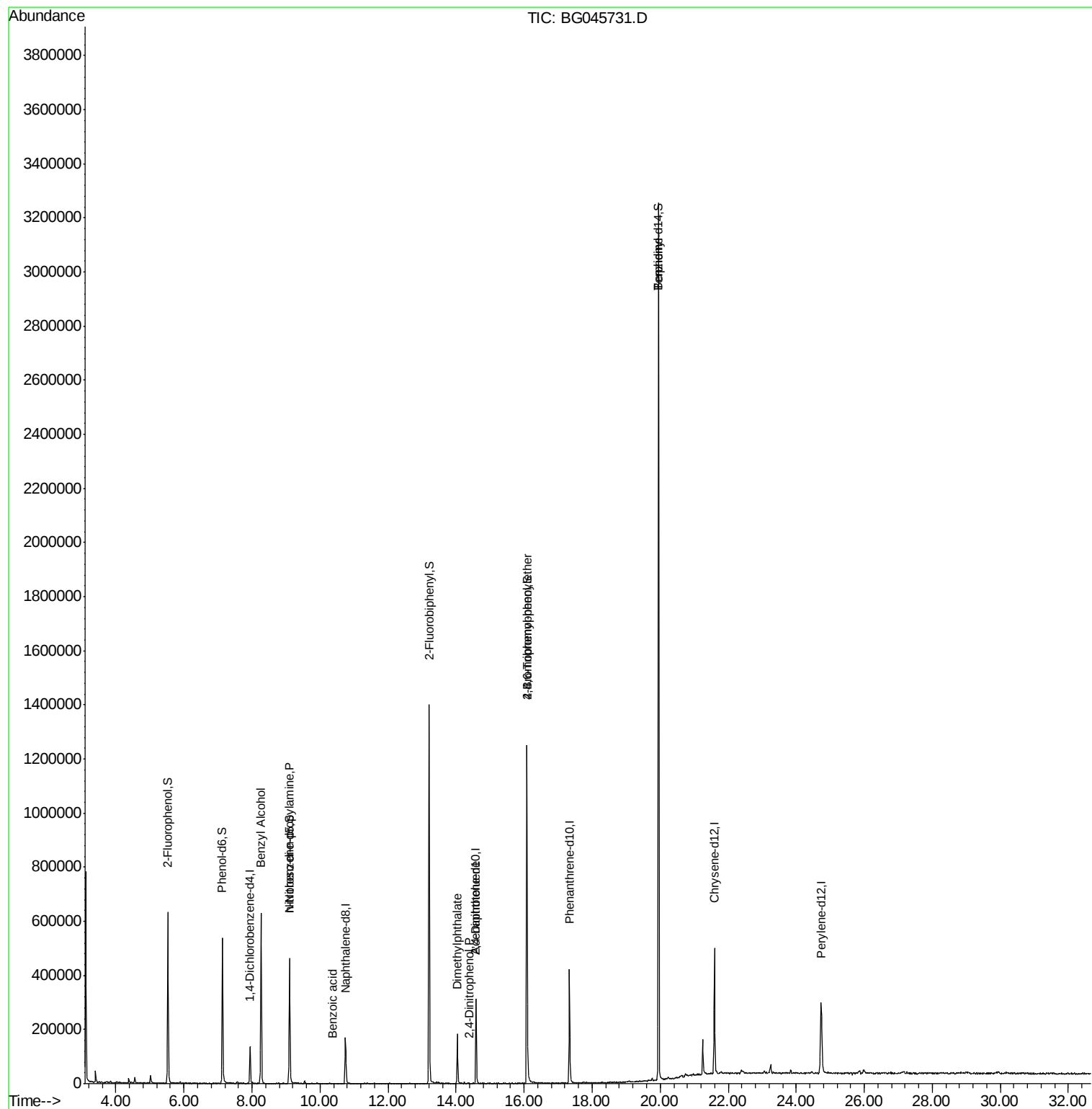
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	39893	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	158099	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	117557	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	294661	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	304869	20.00	ng	-0.01
87) Perylene-d12	24.73	264	316316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	290327	142.23	ng	-0.01
7) Phenol-d6	7.13	99	354118	121.88	ng	-0.02
23) Nitrobenzene-d5	9.10	82	331221	114.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	268418	178.54	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	771928	111.38	ng	0.00
79) Terphenyl-d14	19.95	244	1572414	120.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.26	79	6387	2.661	ng	# 61
19) n-Nitroso-di-n-propylamine	9.10	70	45635	22.714	ng	# 79
32) Benzoic acid	10.38	122	63	10.060	ng	# 1
50) Dimethylphthalate	14.04	163	128025	15.875	ng	# 99
54) 2,4-Dinitrophenol	14.37	184	56	5.503	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	15588	5.915	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	17298	5.421	ng	# 1
77) Benzidine	19.95	184	29932	3.496	ng	# 91

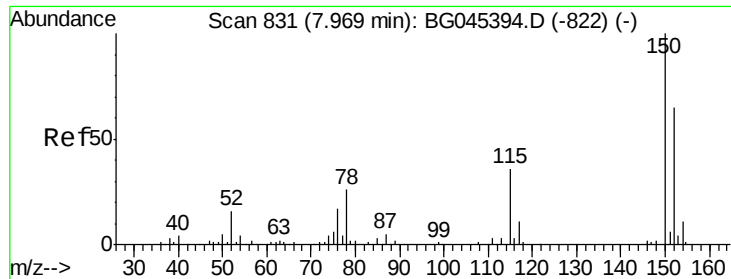
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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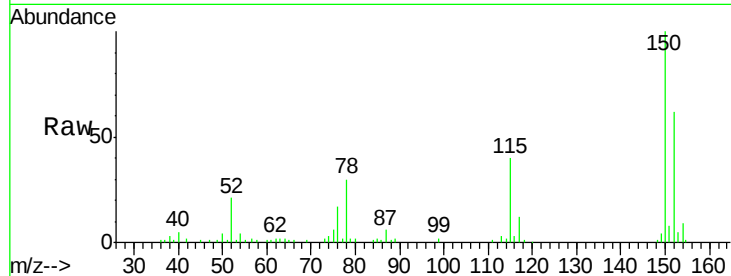


#1

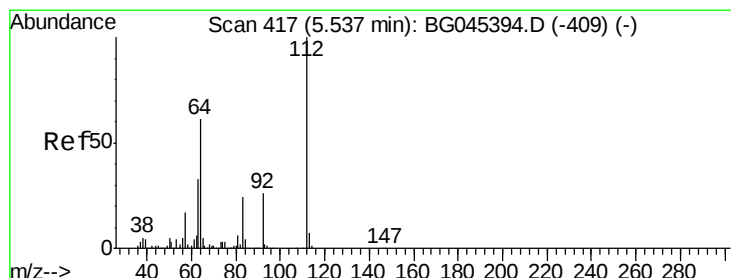
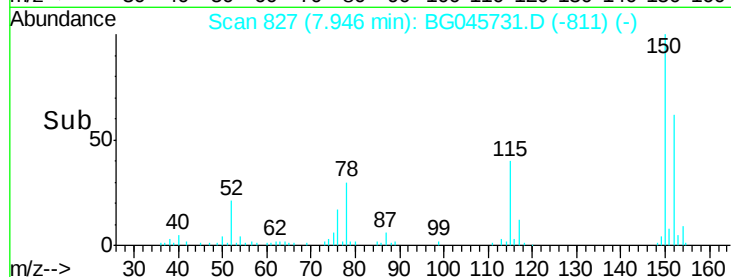
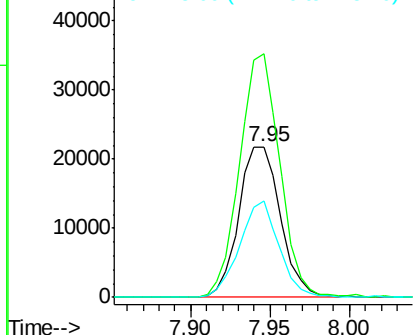
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tot Ion:152 Resp: 39893
Ion Ratio Lower Upper
152 100
150 161.6 122.4 183.6
115 64.2 44.2 66.4



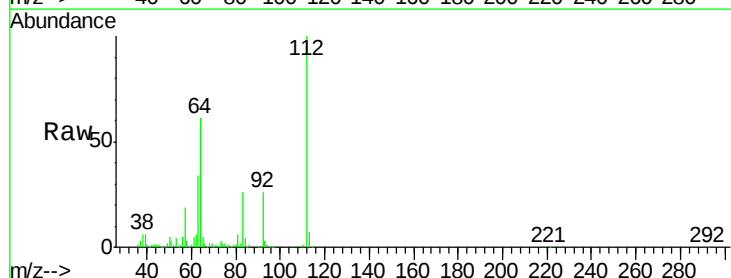
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



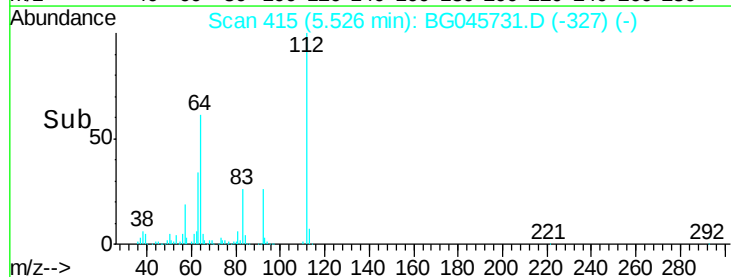
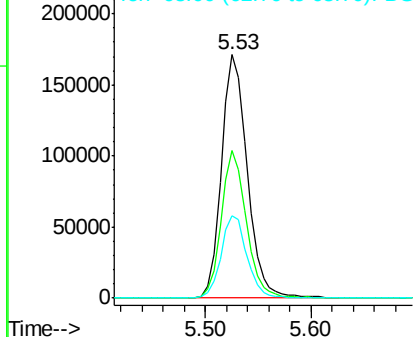
#5

2-Fluorophenol
Concen: 142.227 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:112 Resp: 290327
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 33.8 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: 121.884 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

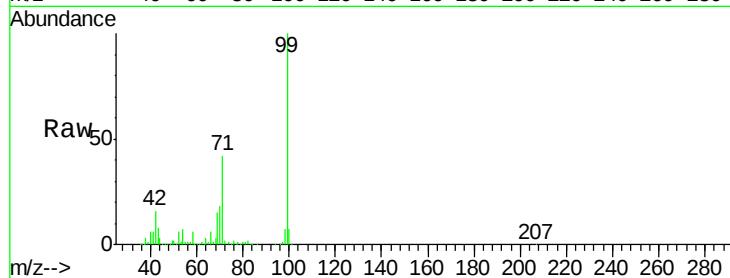
Tot Ion: 99 Resp: 354118

Ion Ratio Lower Upper

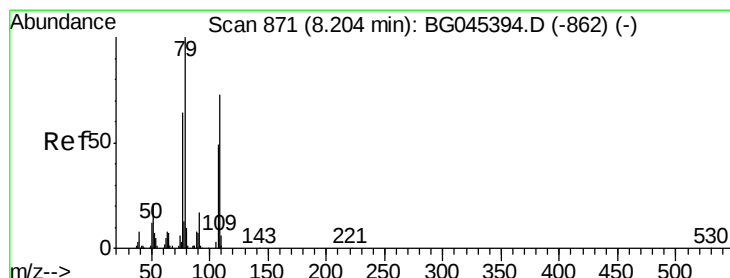
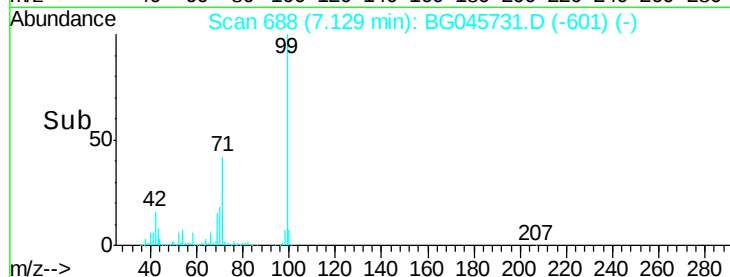
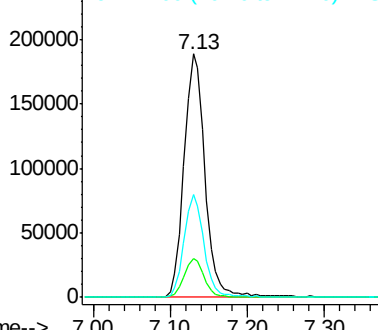
99 100

42 15.7 11.3 16.9

71 42.1 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: 2.661 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.06 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

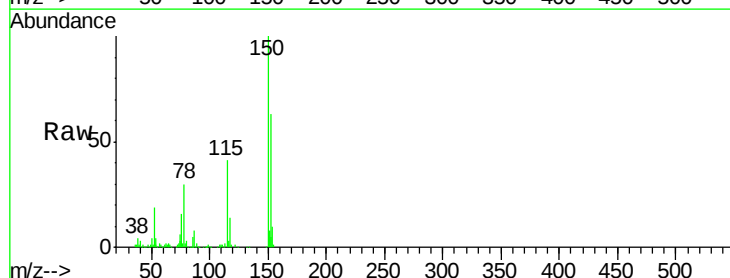
Tgt Ion: 79 Resp: 6387

Ion Ratio Lower Upper

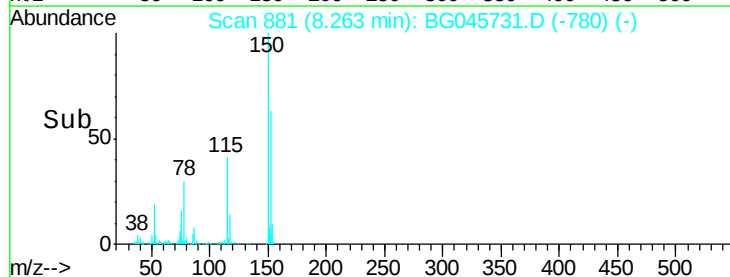
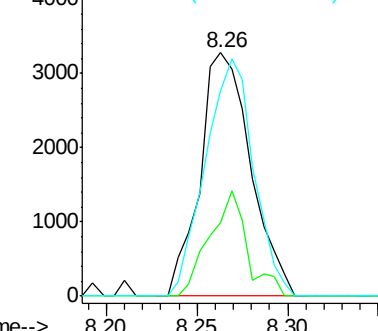
79 100

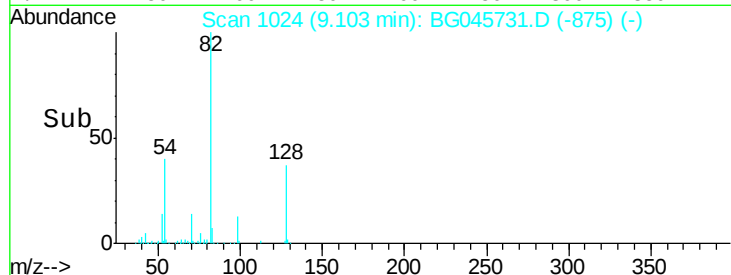
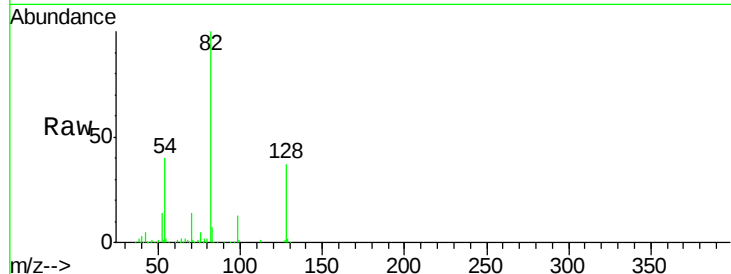
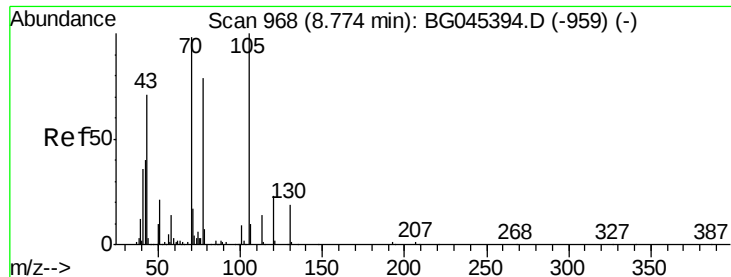
108 30.3 58.2 87.4#

77 84.2 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

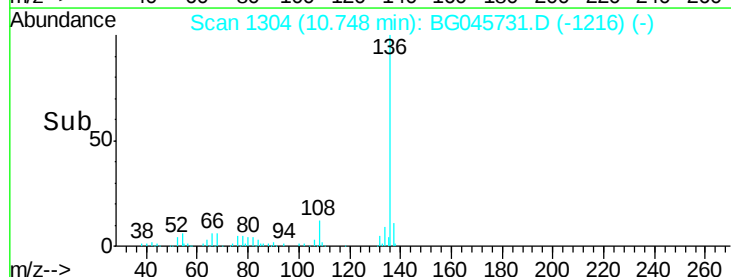
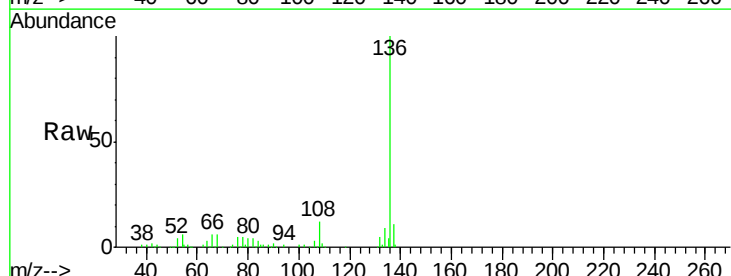
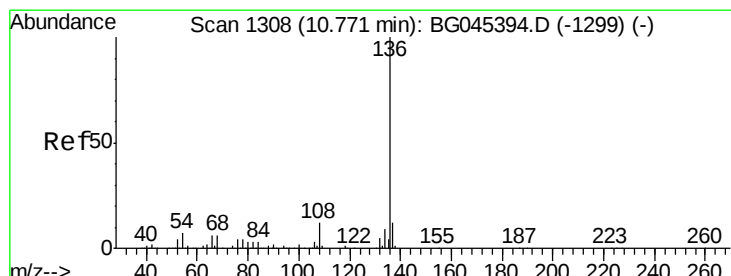
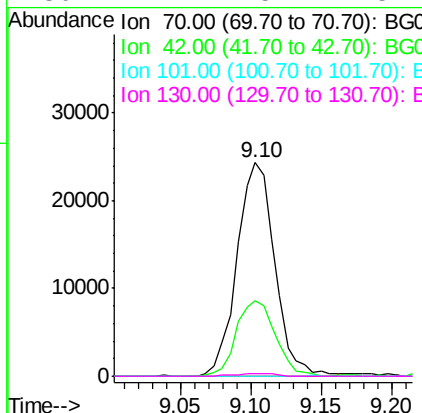




#19
n-Nitroso-di-n-propylamine
Concen: 22.714 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

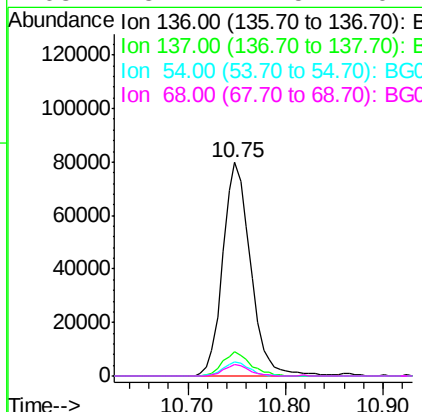
Instrument :
BNA_G
ClientSampleId :
CL-02-060920

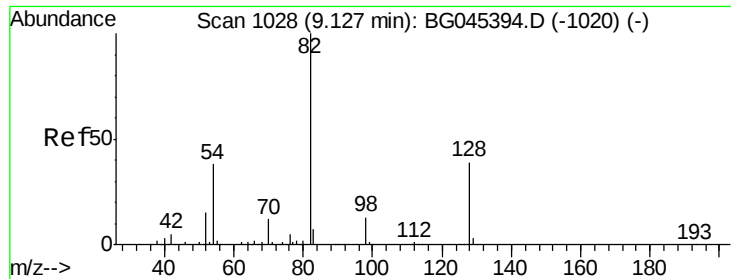
Tot Ion: 70 Resp: 45635
Ion Ratio Lower Upper
70 100
42 35.1 33.2 49.8
101 0.0 7.8 11.6#
130 1.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion: 136 Resp: 158099
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 6.4 5.8 8.6
68 5.7 4.5 6.7

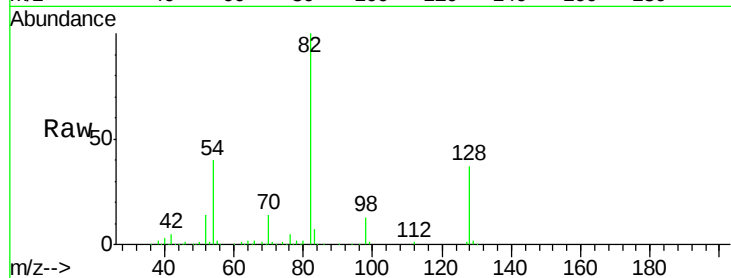




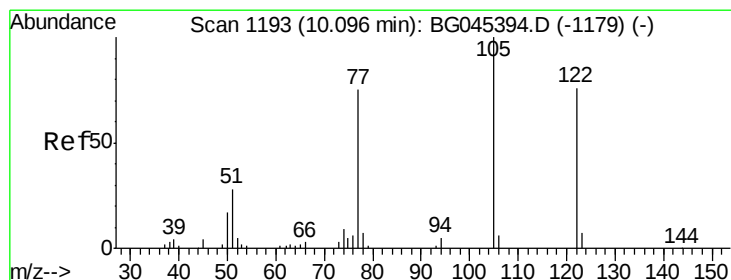
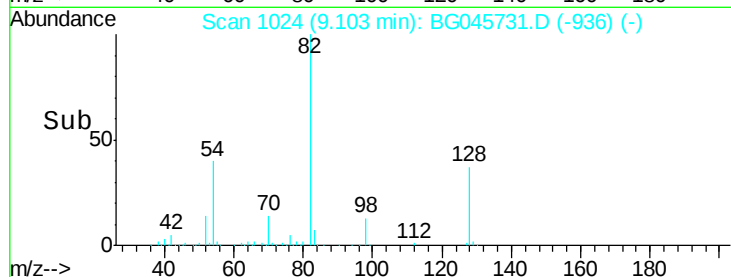
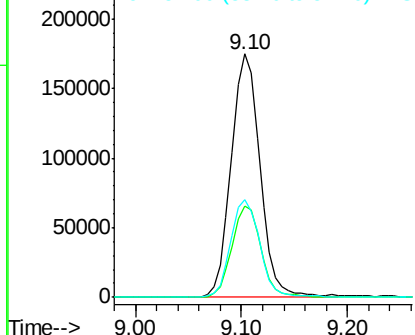
#23
Nitrobenzene-d5
Concen: 114.245 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tot Ion	82	Resp	331221
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.9	46.3
54	39.9	30.3	45.5

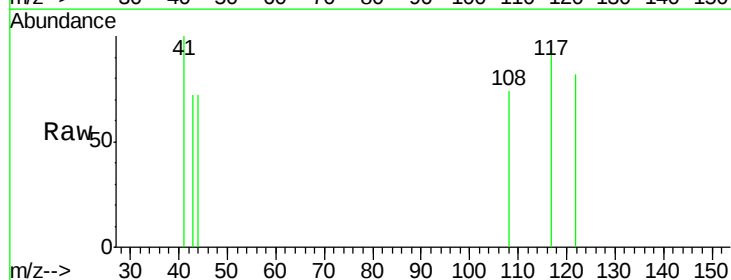


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

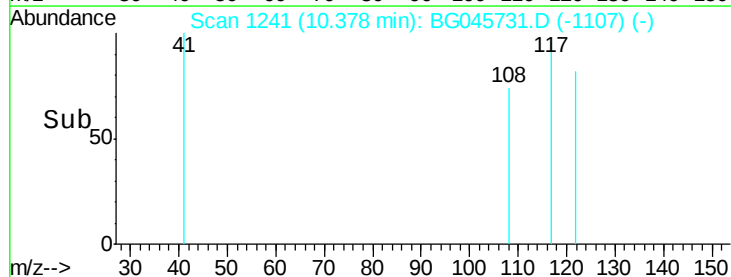
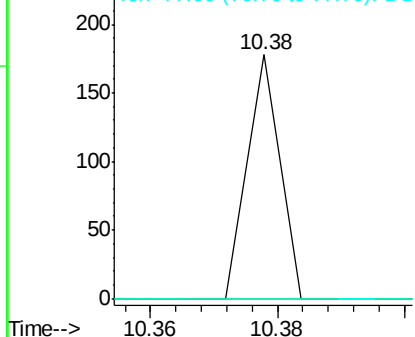


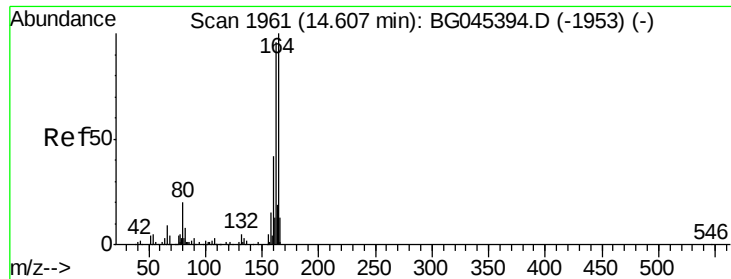
#32
Benzoic acid
Concen: 10.060 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.26 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion	122	Resp	63
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

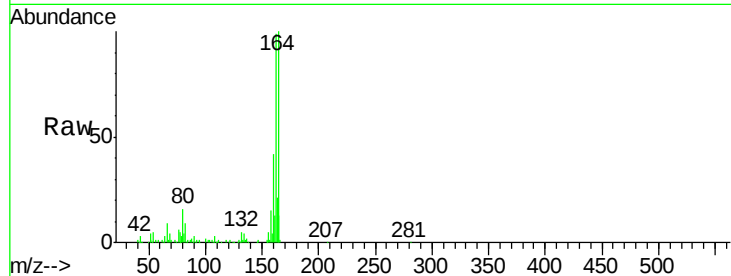
Tot Ion:164 Resp: 117557

Ion Ratio Lower Upper

164 100

162 98.7 76.9 115.3

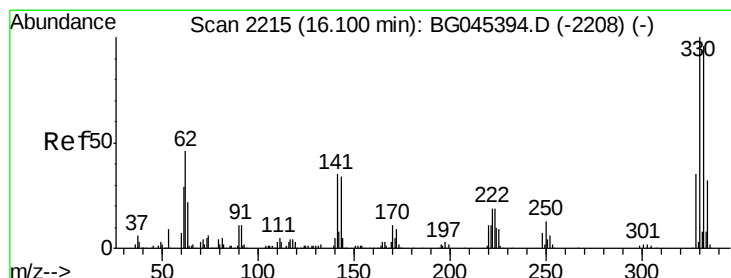
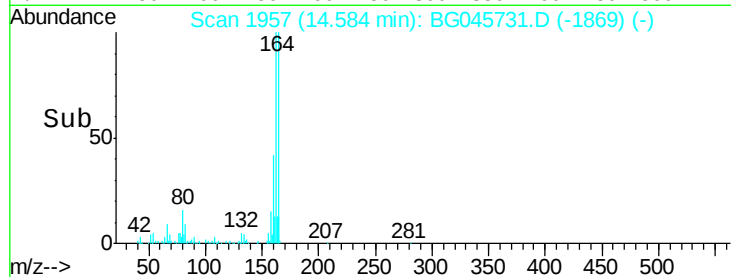
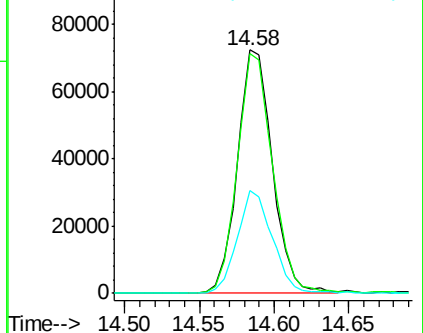
160 42.0 33.8 50.8



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: 178.538 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

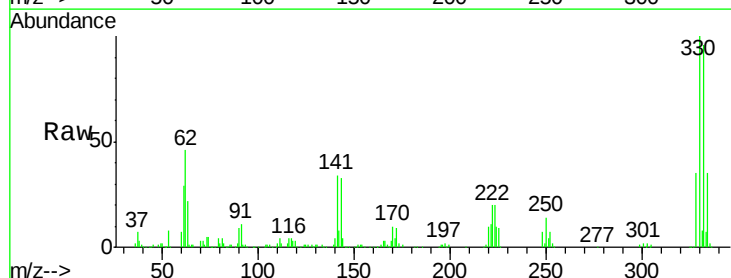
Tgt Ion:330 Resp: 268418

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

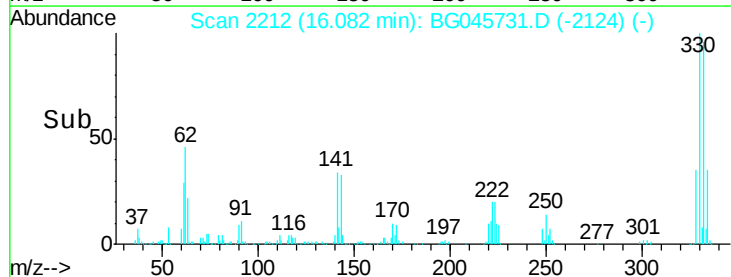
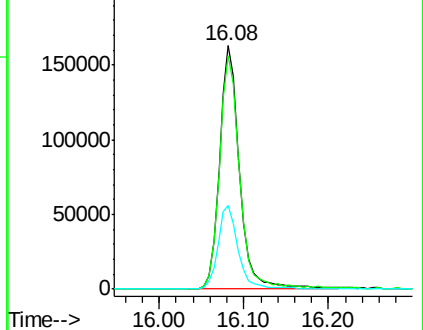
141 34.9 28.2 42.4

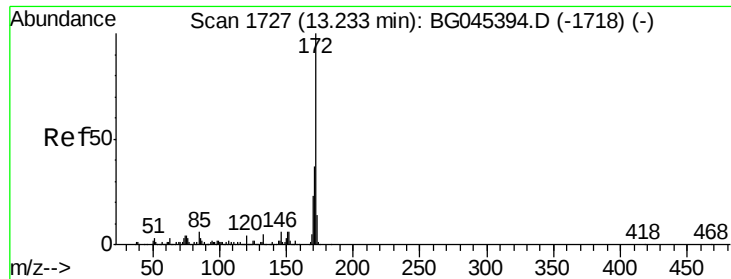


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

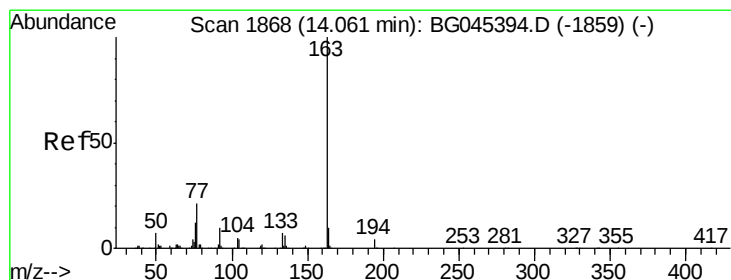
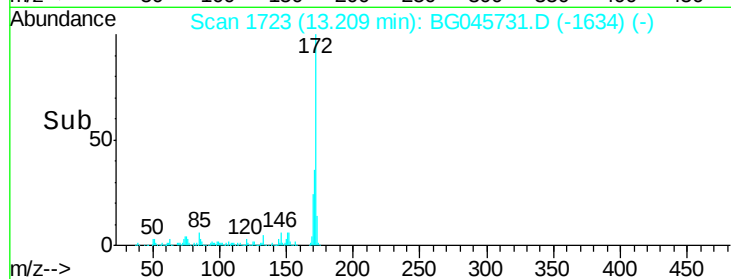
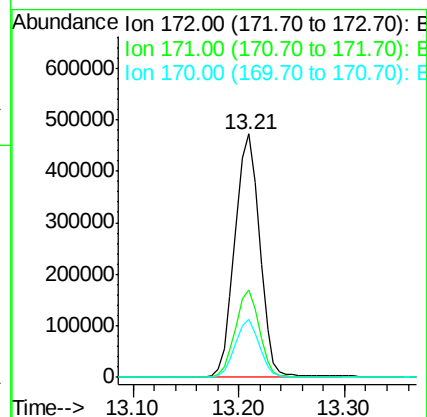
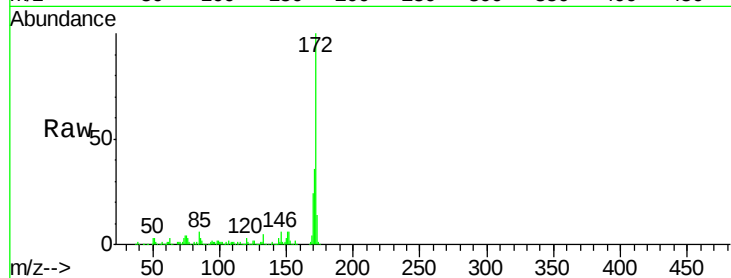




#45
2-Fluorobiphenyl
Concen: 111.380 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

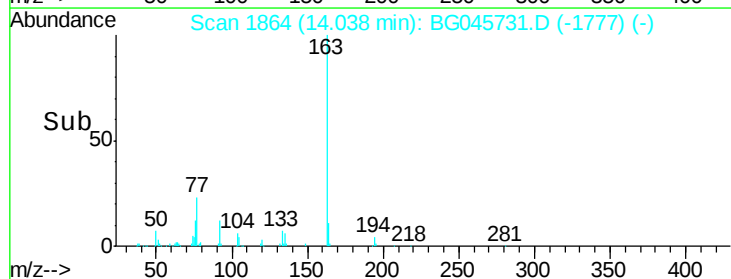
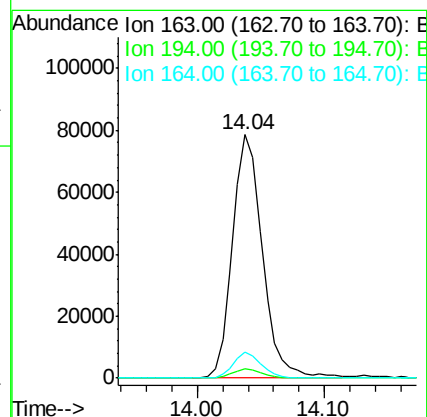
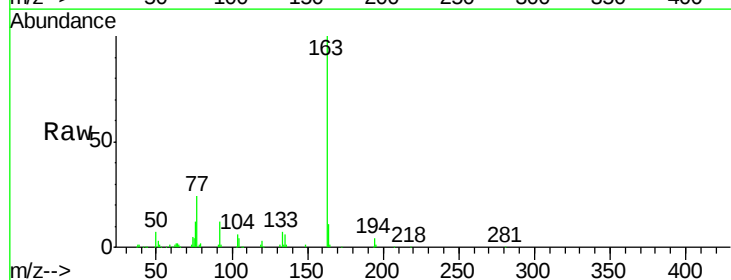
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CL-02-060920

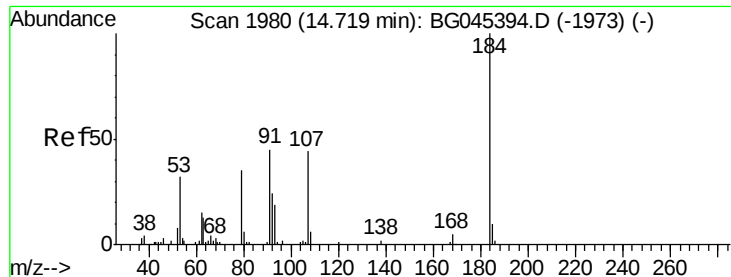
Tot Ion:172 Resp: 771928
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 23.7 18.5 27.7



#50
Dimethylphthalate
Concen: 15.875 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:163 Resp: 128025
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.9 8.3 12.5

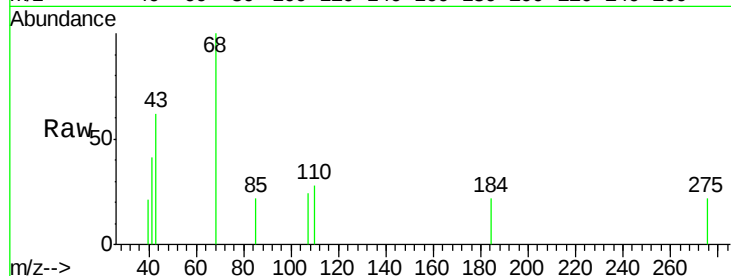




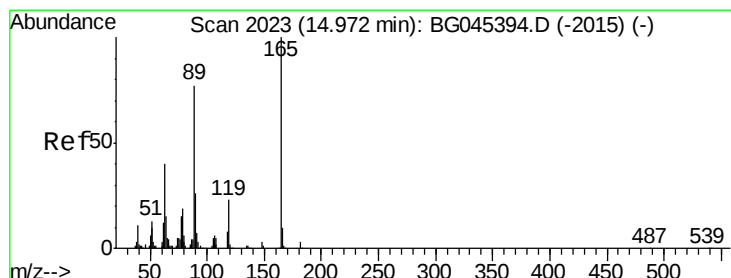
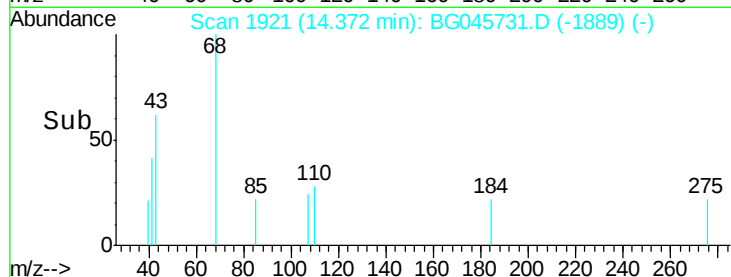
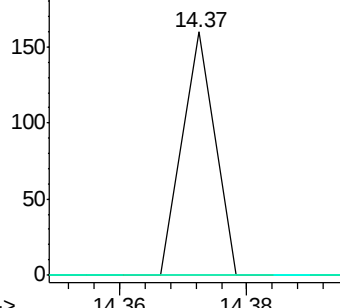
#54
2,4-Dinitrophenol
Concen: 5.503 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.34 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 47.8 71.6#
154 0.0 58.3 87.5#

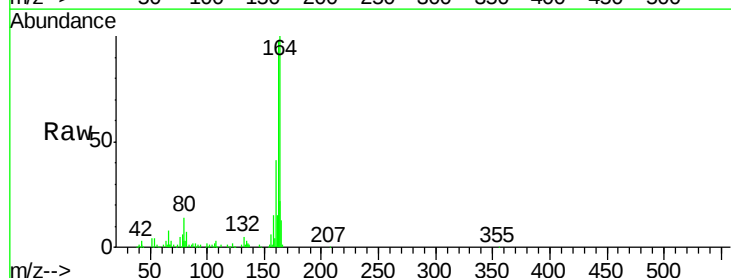


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

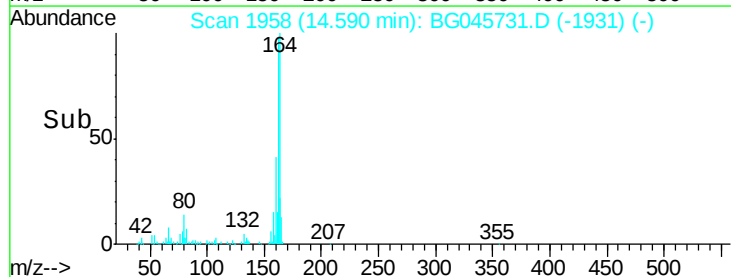
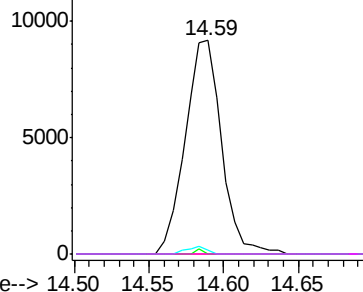


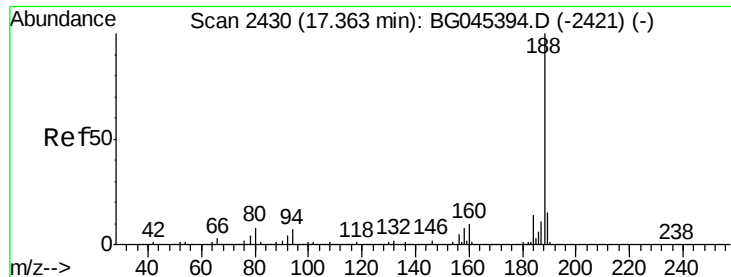
#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:165 Resp: 15588
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 1.7 61.8 92.6#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

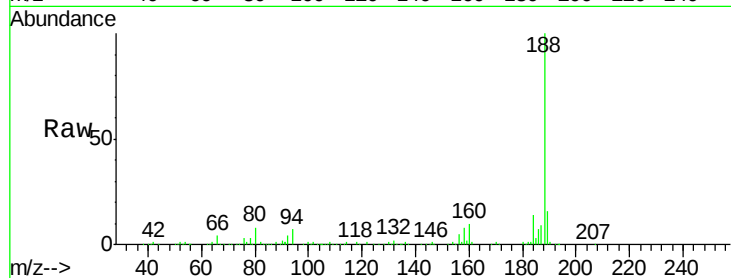
Tot Ion:188 Resp: 294661

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

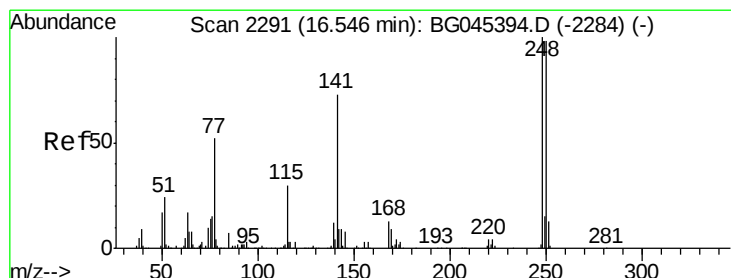
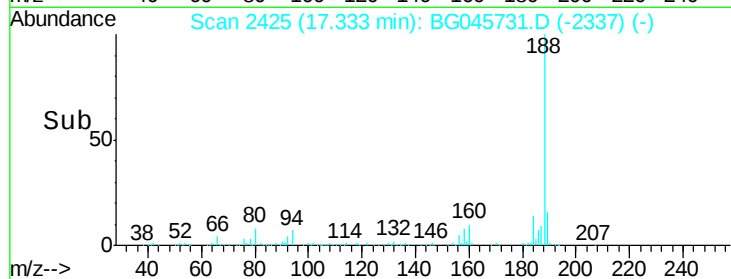
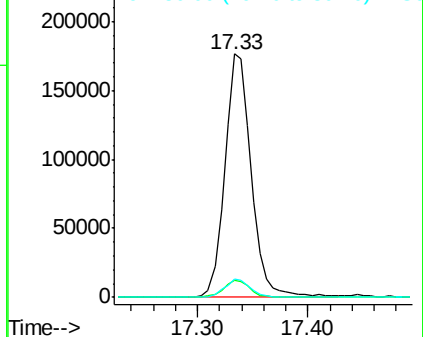
80 7.8 6.6 10.0



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: 5.421 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

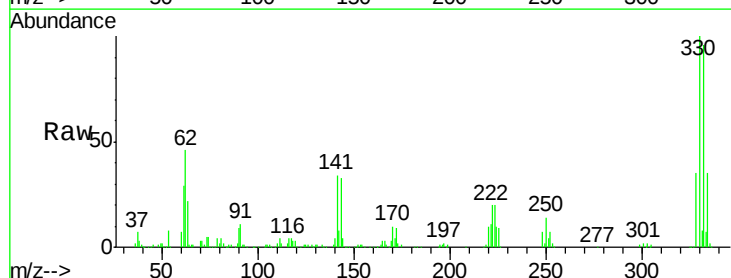
Tgt Ion:248 Resp: 17298

Ion Ratio Lower Upper

248 100

250 201.4 78.6 117.8#

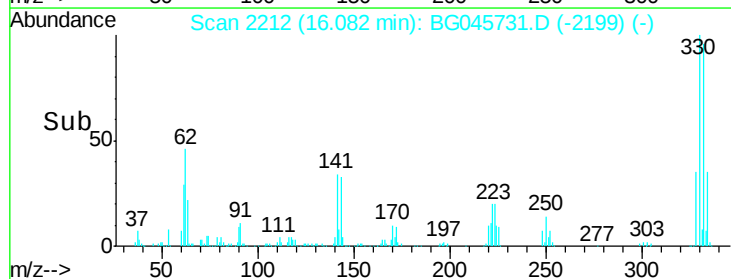
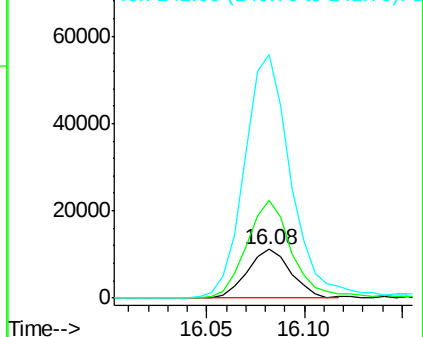
141 500.3 58.2 87.2#

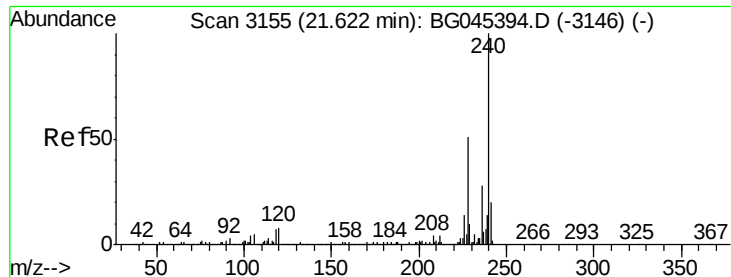


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

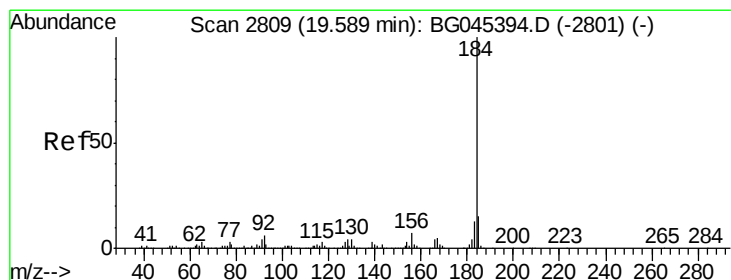
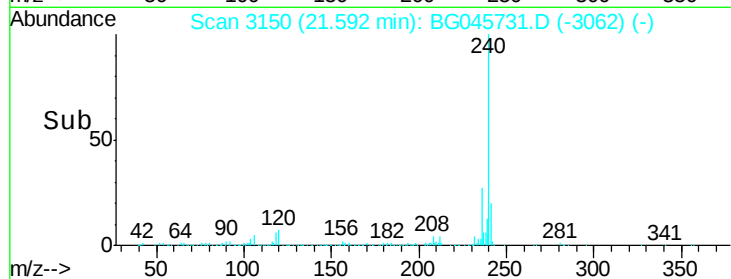
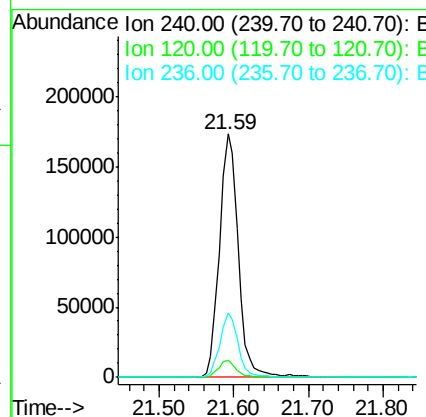
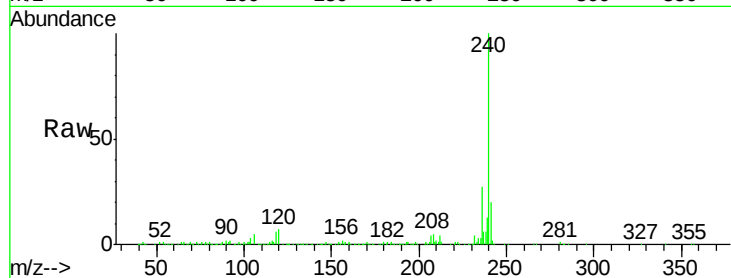




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

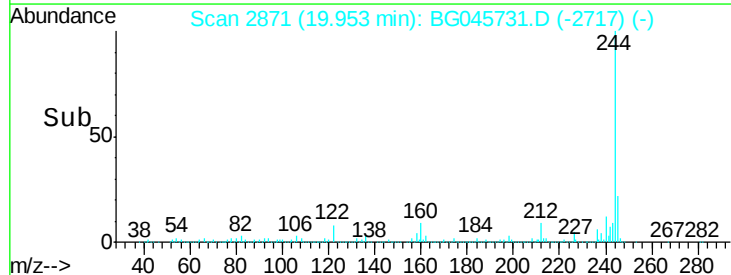
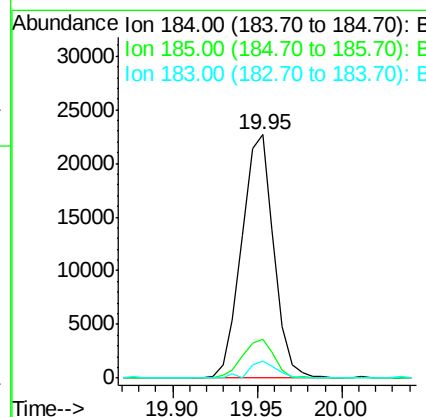
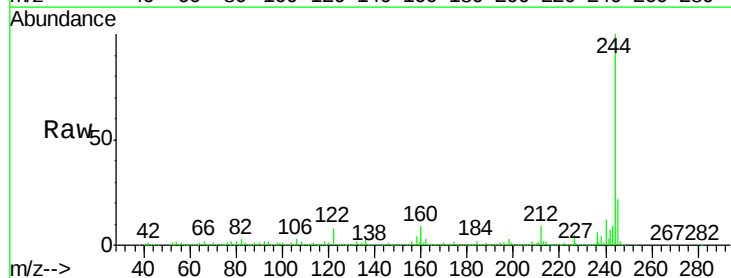
Instrument :
BNA_G
ClientSampleId :
CL-02-060920

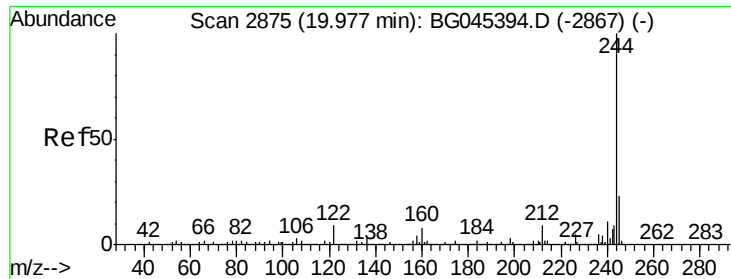
Tot Ion:240 Resp: 304869
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 26.6 22.3 33.5



#77
Benzidine
Concen: 3.496 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:184 Resp: 29932
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 6.8 10.2 15.4#





#79

Terphenyl-d14

Concen: 120.292 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

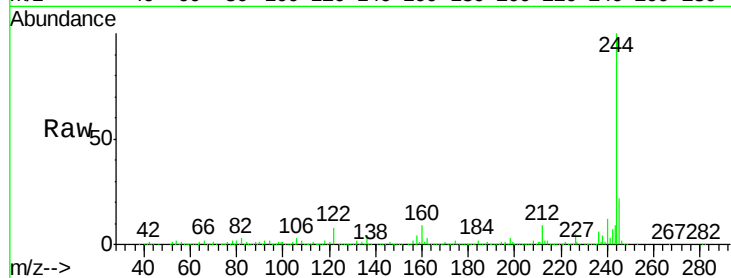
Tot Ion:244 Resp: 1572414

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

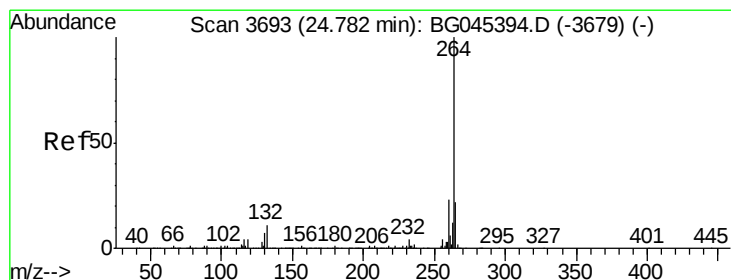
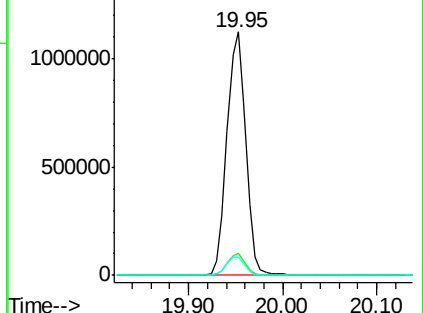
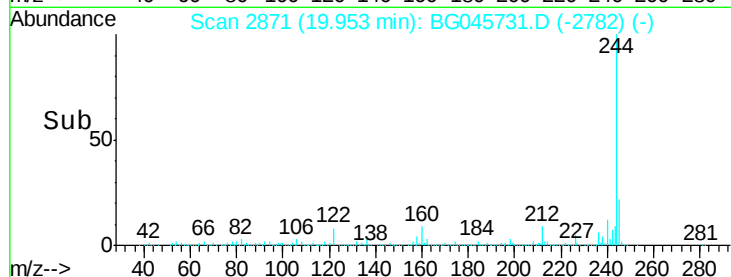
122 7.7 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

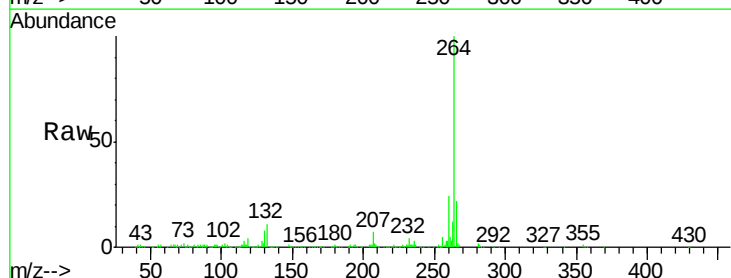
Tgt Ion:264 Resp: 316316

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.6 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

