

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045408.D
 Acq On : 15 May 2020 22:36
 Operator : CG/JU
 Sample : L2663-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1366

Quant Time: May 16 00:26:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66148	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	268466	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	185740	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	405729	20.00	ng	0.00
76) Chrysene-d12	21.62	240	390098	20.00	ng	0.00
87) Perylene-d12	24.78	264	423318	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	226073	66.79	ng	0.00
7) Phenol-d6	7.15	99	198972	41.30	ng	0.01
23) Nitrobenzene-d5	9.13	82	472212	95.92	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	348999	146.92	ng	0.01
45) 2-Fluorobiphenyl	13.23	172	1068343	97.56	ng	0.00
79) Terphenyl-d14	19.98	244	1602064	95.78	ng	0.00

Target Compounds

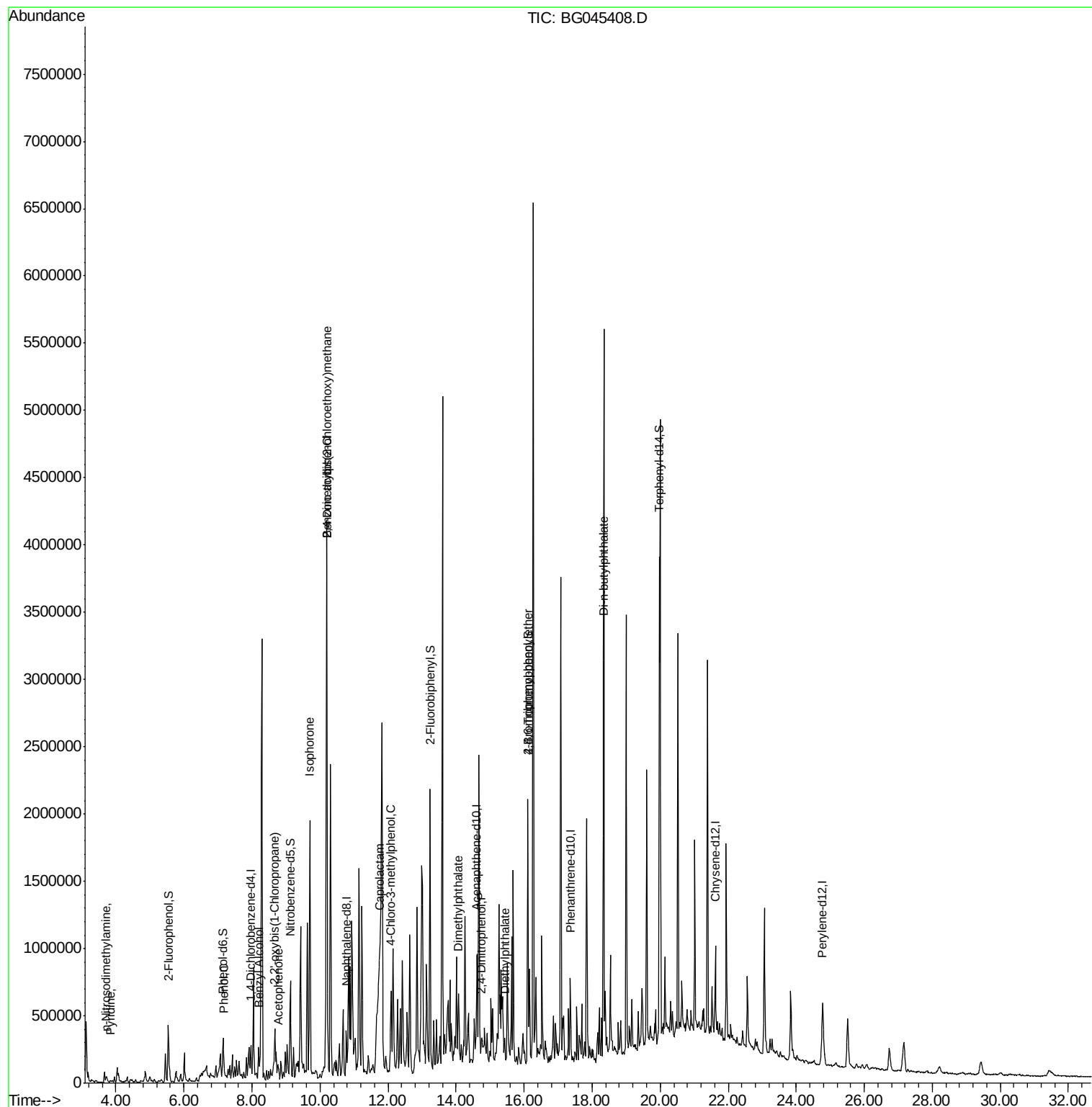
						Qvalue
3) Pyridine	3.83	79	14167	3.031	ng	# 89
4) n-Nitrosodimethylamine	3.72	42	4280	2.798	ng	# 1
10) Phenol	7.18	94	28676	5.776	ng	92
15) Benzyl Alcohol	8.21	79	21702	5.453	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	22586	6.144	ng	82
22) Acetophenone	8.79	105	14136	2.222	ng	# 83
25) Isophorone	9.70	82	41229	4.252	ng	# 74
27) 2,4-Dimethylphenol	10.21	122	95951	28.671	ng	# 21
28) bis(2-Chloroethoxy)methane	10.20	93	171264	33.682	ng	# 1
32) Benzoic acid	10.21	122	95951	43.376	ng	# 24
35) Caprolactam	11.74	113	5838	4.025	ng	# 1
36) 4-Chloro-3-methylphenol	12.08	107	34012	7.638	ng	# 21
50) Dimethylphthalate	14.06	163	138245	10.850	ng	# 98
54) 2,4-Dinitrophenol	14.75	184	303	5.609	ng	# 1
60) Diethylphthalate	15.43	149	45126	3.403	ng	98
67) 4-Bromophenyl-phenylether	16.11	248	22965	5.227	ng	# 1
74) Di-n-butylphthalate	18.33	149	187858	9.027	ng	99

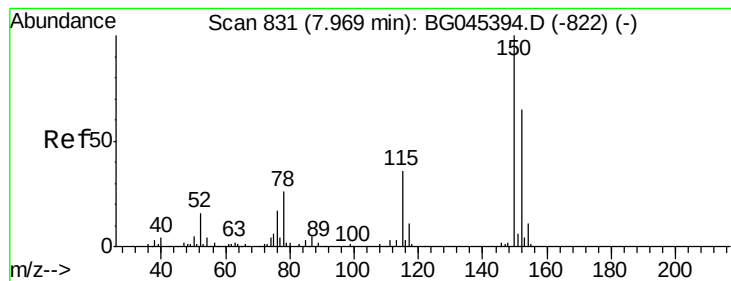
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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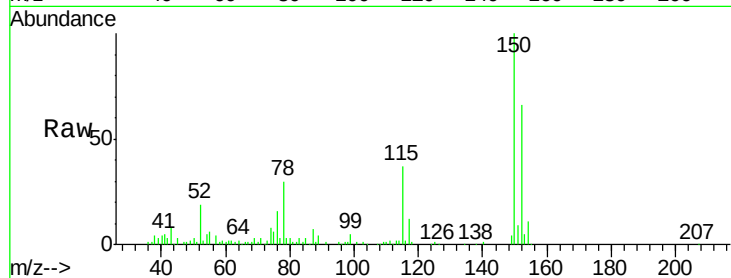


#1

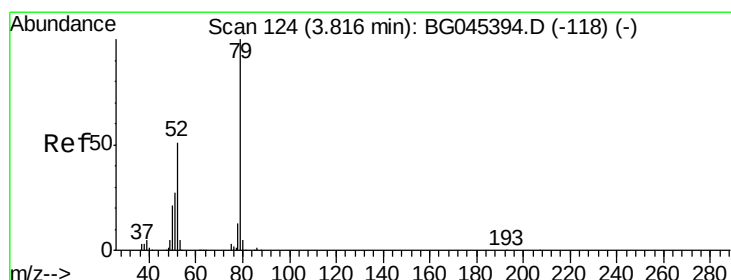
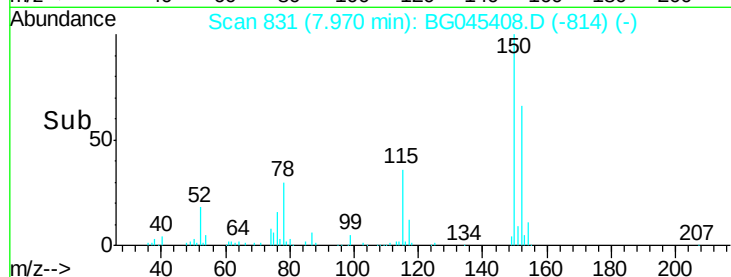
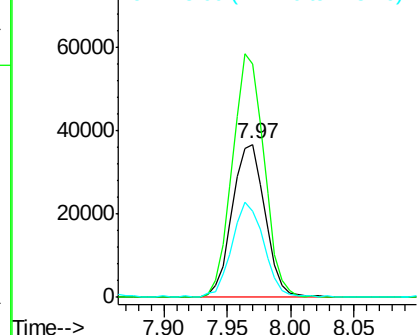
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Instrument :
BNA_G
ClientSampled :
1366

Tot Ion	152	Resp	66148
Ion Ratio	Lower	Upper	
152	100		
150	152.4	122.4	183.6
115	56.8	44.2	66.4



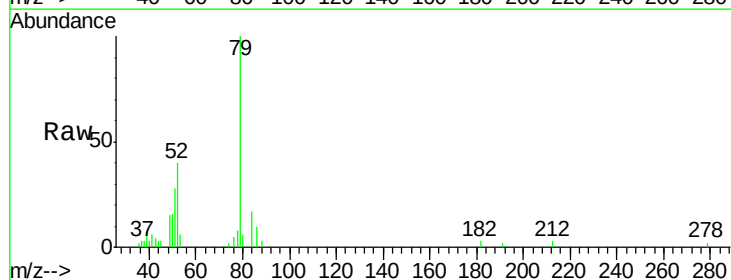
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



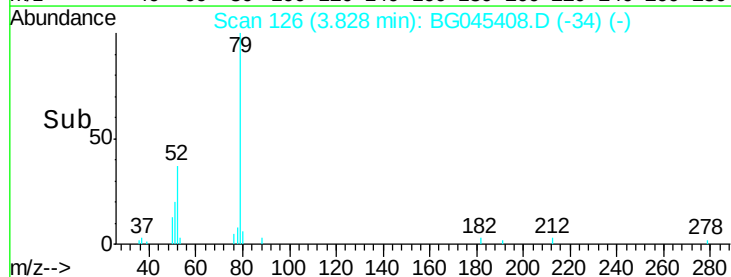
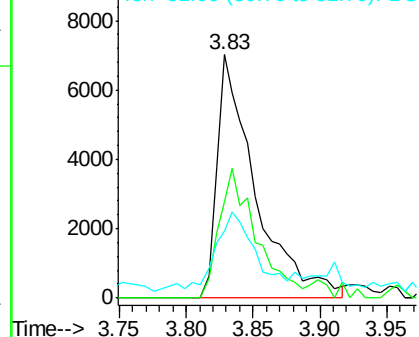
#3

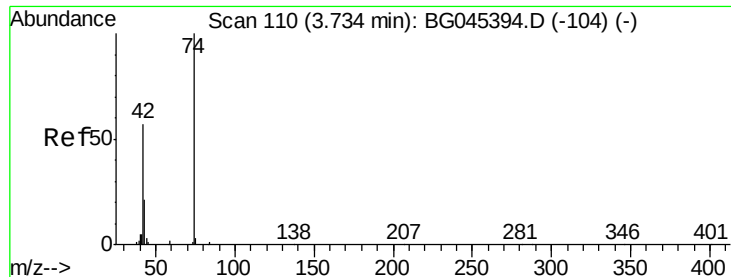
Pyridine
Concen: 3.031 ng
RT: 3.83 min Scan# 126
Delta R.T. 0.01 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion	79	Resp	14167
Ion Ratio	Lower	Upper	
79	100		
52	39.8	40.8	61.2#
51	27.6	21.9	32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



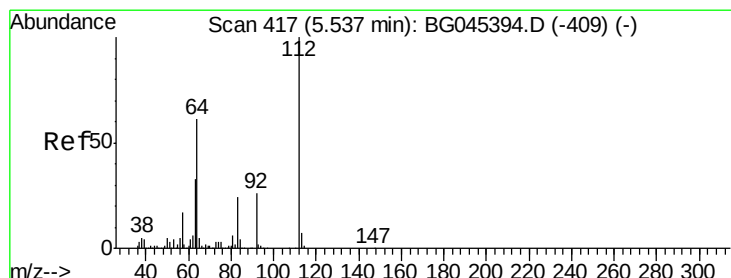
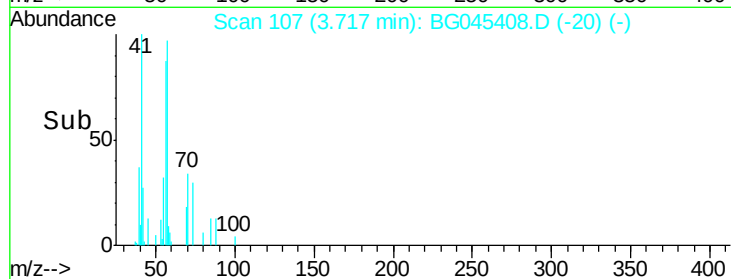
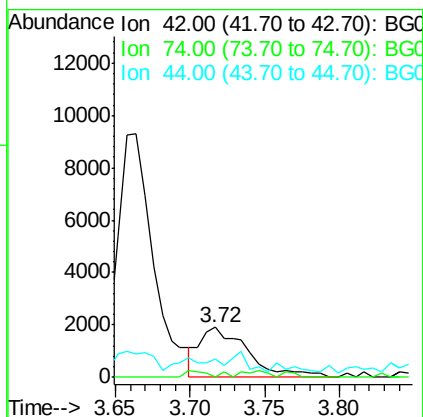
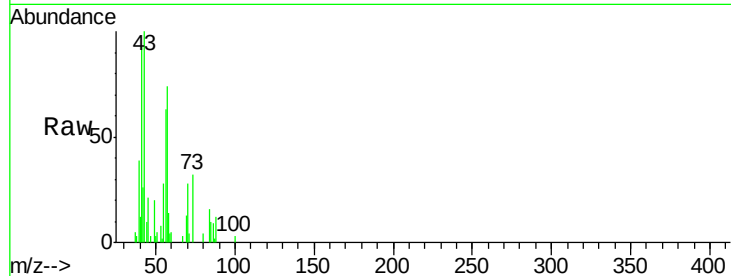


#4

n-Nitrosodimethylamine
 Concen: 2.798 ng
 RT: 3.72 min Scan# 107
 Delta R.T. -0.02 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Instrument :
 BNA_G
 ClientSampleId :
 1366

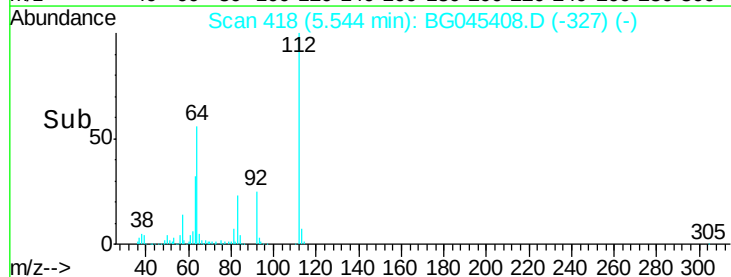
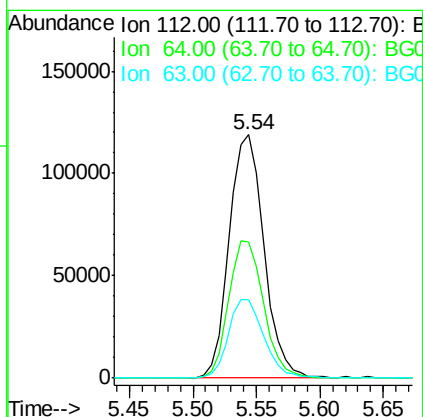
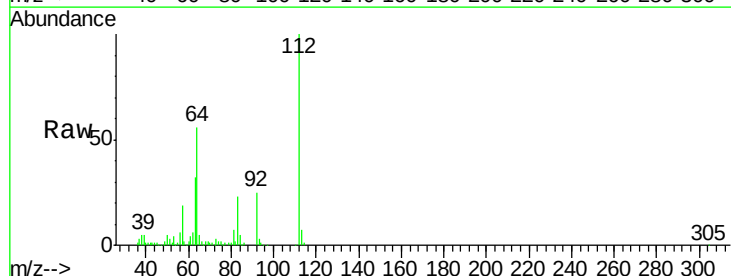
Tot Ion	42	Resp	4280
Ion Ratio	Lower	Upper	
42	100		
74	0.0	141.3	211.9#
44	37.7	4.2	6.4#

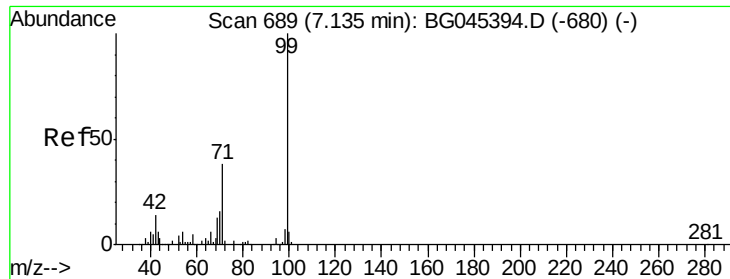


#5

2-Fluorophenol
 Concen: 66.792 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion	112	Resp	226073
Ion Ratio	Lower	Upper	
112	100		
64	55.9	48.6	72.8
63	32.4	26.5	39.7





#7

Phenol-d6

Concen: 41.302 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

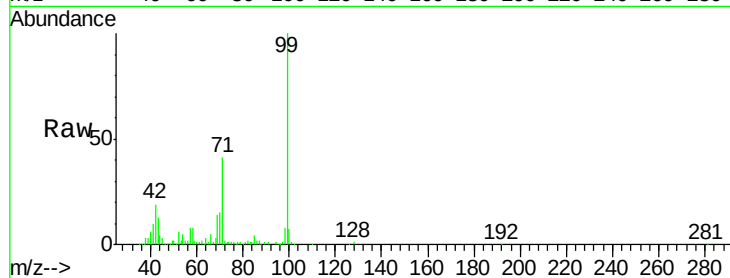
Tot Ion: 99 Resp: 198972

Ion Ratio Lower Upper

99 100

42 18.9 11.3 16.9#

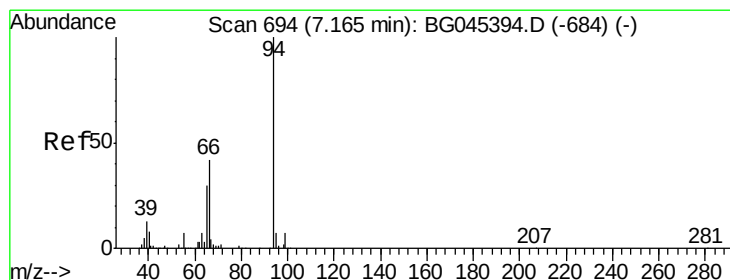
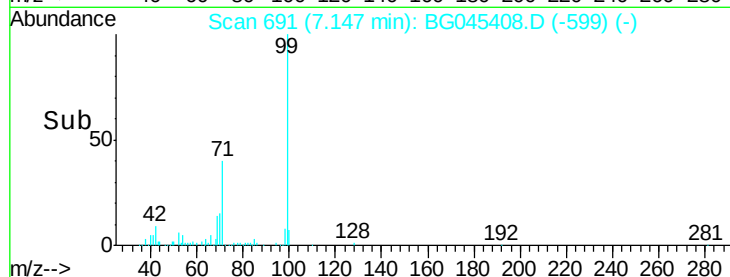
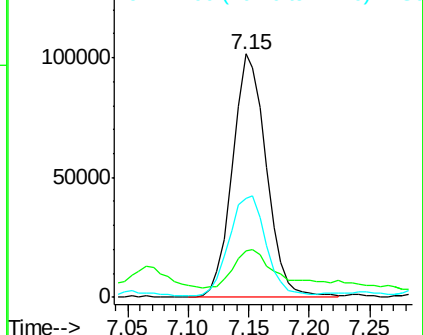
71 40.9 30.8 46.2



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



#10

Phenol

Concen: 5.776 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

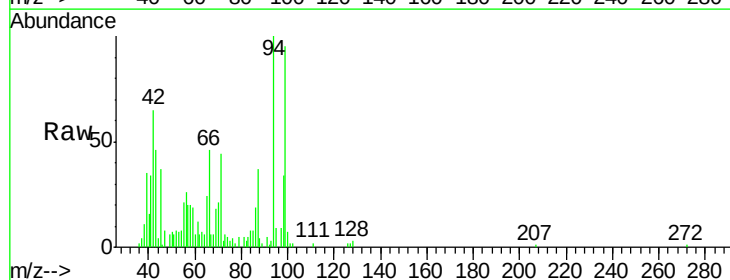
Tgt Ion: 94 Resp: 28676

Ion Ratio Lower Upper

94 100

65 24.2 9.8 49.8

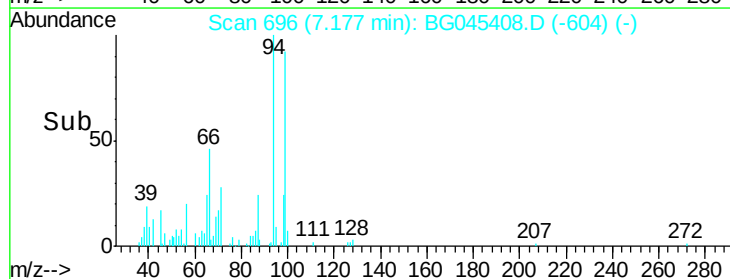
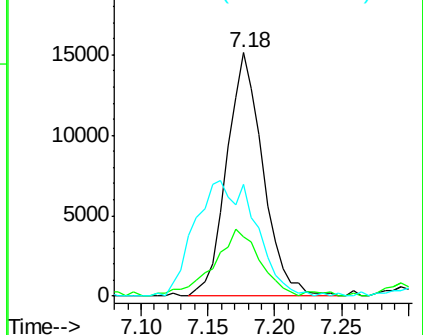
66 46.0 22.0 62.0

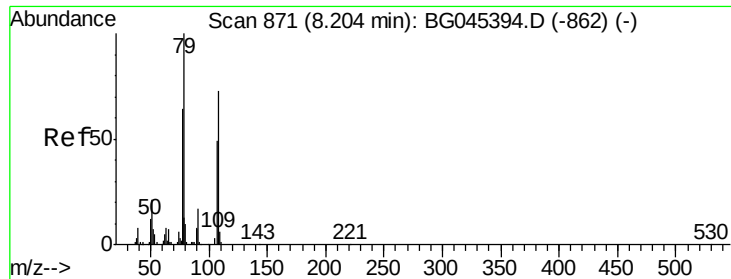


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 5.453 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.01 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

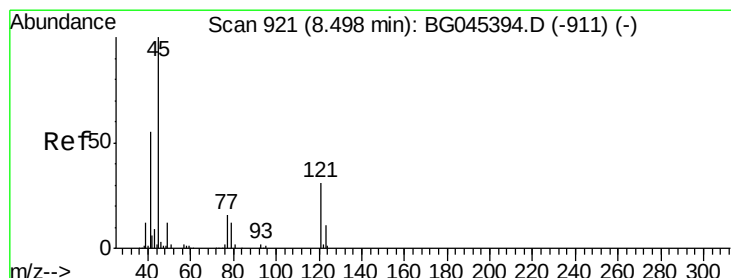
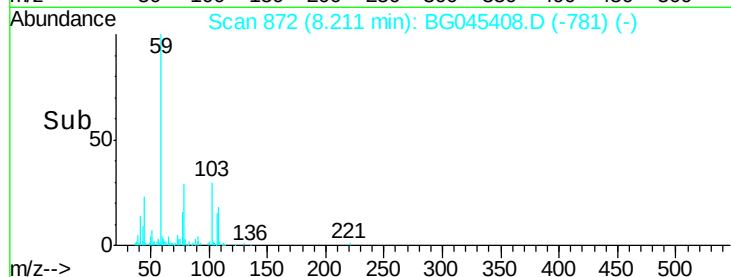
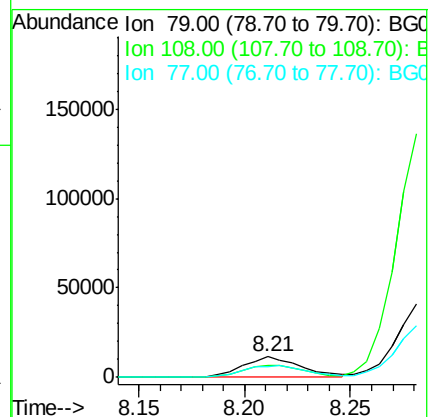
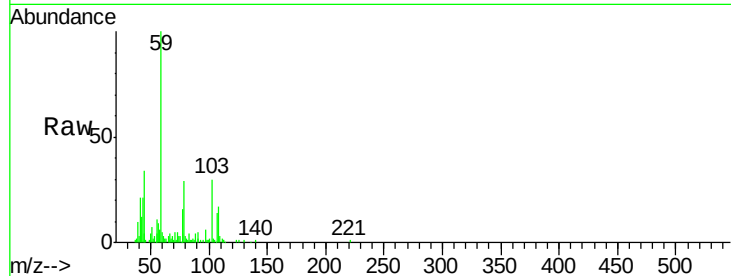
Tot Ion: 79 Resp: 21702

Ion Ratio Lower Upper

79 100

108 59.7 58.2 87.4

77 54.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.144 ng

RT: 8.67 min Scan# 950

Delta R.T. 0.17 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

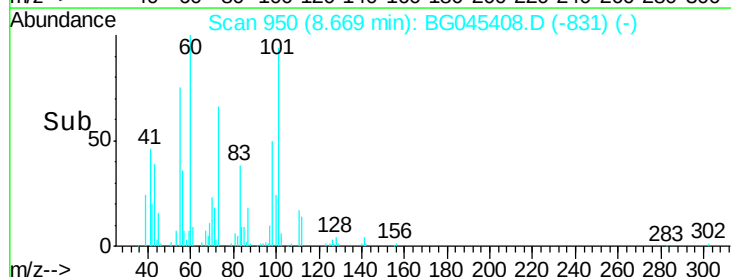
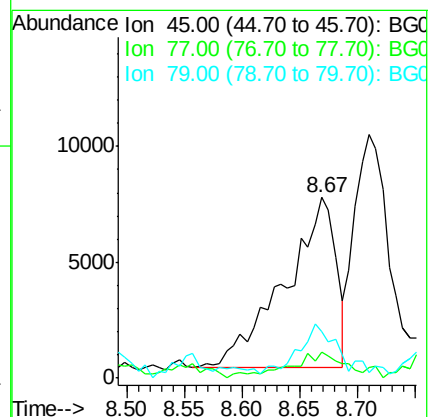
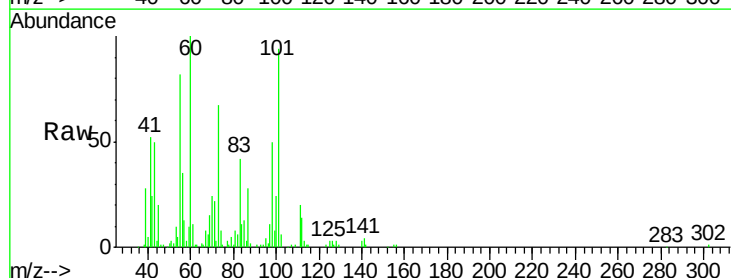
Tgt Ion: 45 Resp: 22586

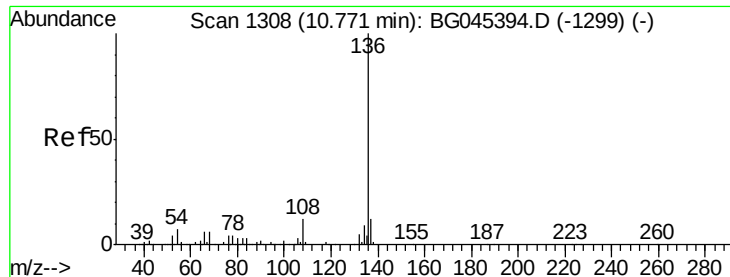
Ion Ratio Lower Upper

45 100

77 14.2 4.0 44.0

79 25.9 0.0 38.6

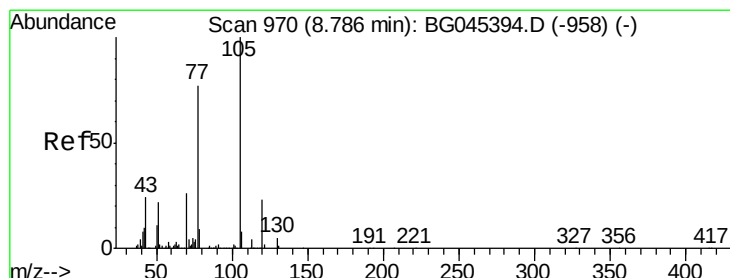
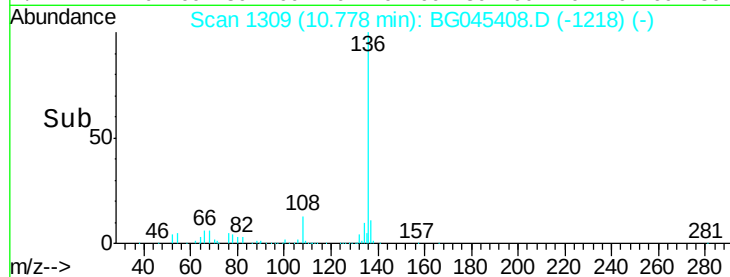
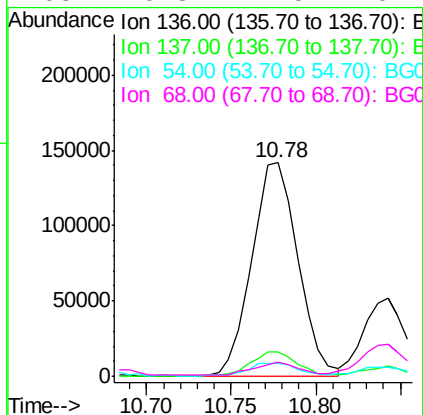
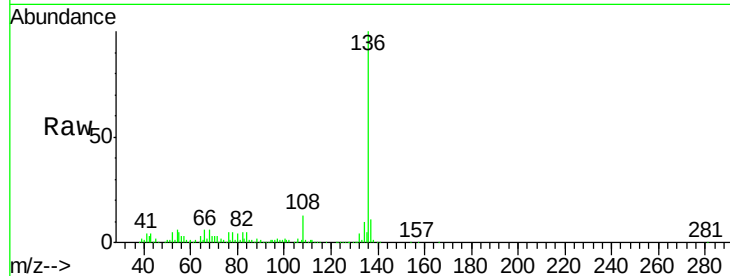




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

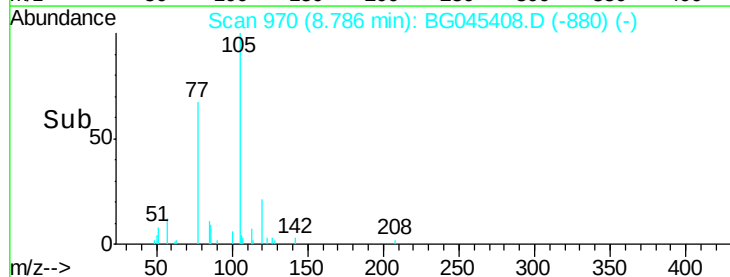
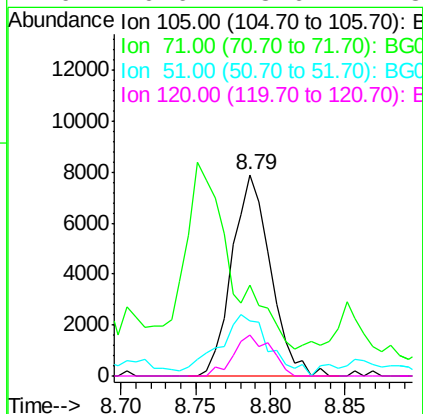
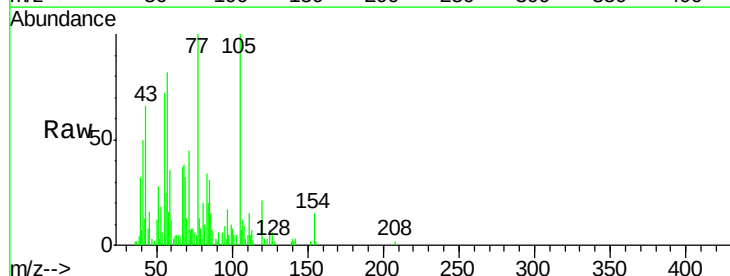
Instrument :
BNA_G
ClientSampled :
1366

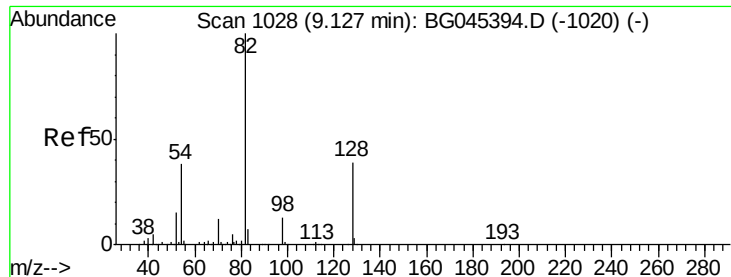
Tot Ion:136	Resp:	268466
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.4 14.2
54	5.9	5.8 8.6
68	6.3	4.5 6.7



#22
Acetophenone
Concen: 2.222 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion:105	Resp:	14136
Ion Ratio	Lower	Upper
105	100	
71	44.8	3.4 5.0#
51	27.5	18.2 27.2#
120	20.6	18.6 27.8

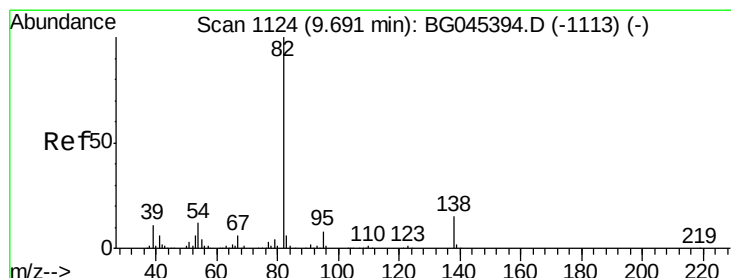
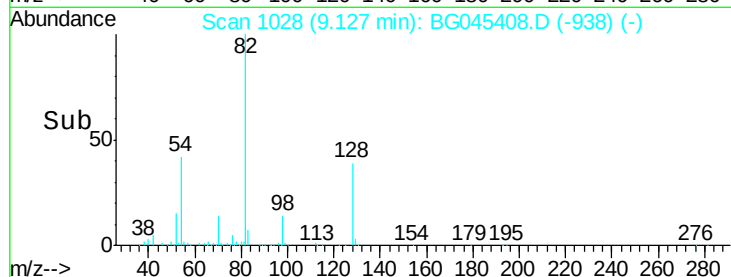
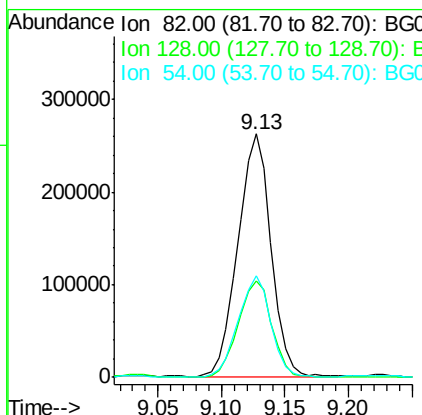
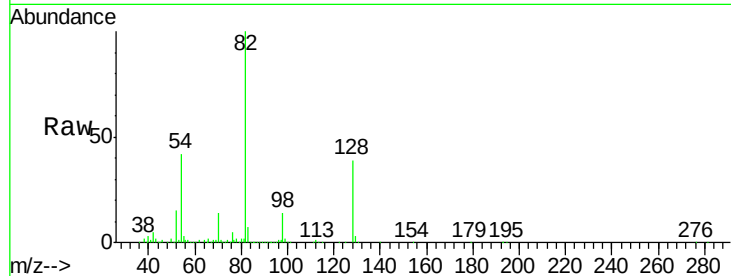




#23
 Nitrobenzene-d5
 Concen: 95.917 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

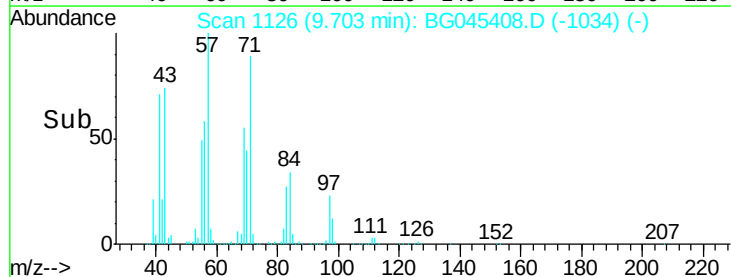
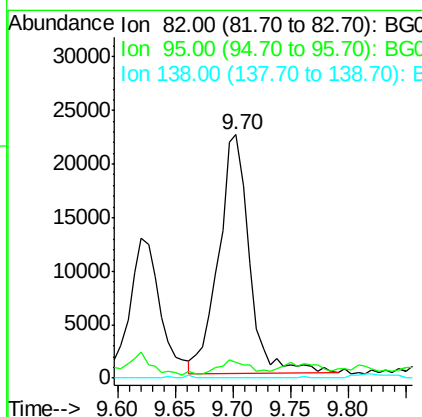
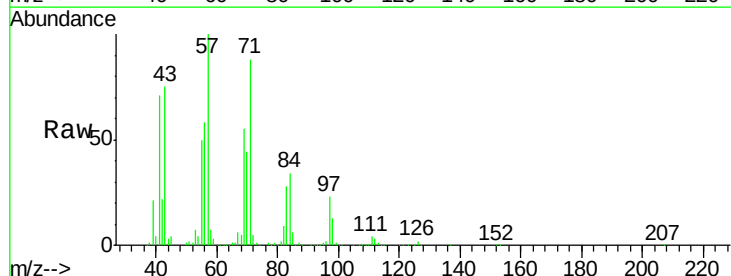
Instrument :
 BNA_G
 ClientSampleId :
 1366

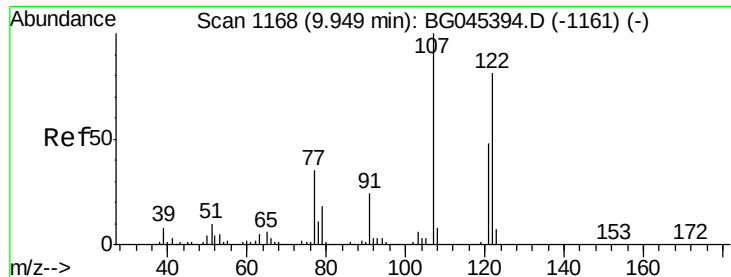
Tot Ion	82	Resp	472212
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	41.7	30.3	45.5



#25
 Isophorone
 Concen: 4.252 ng
 RT: 9.70 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion	82	Resp	41229
Ion Ratio	Lower	Upper	
82	100		
95	6.3	6.7	10.1#
138	0.0	12.2	18.4#

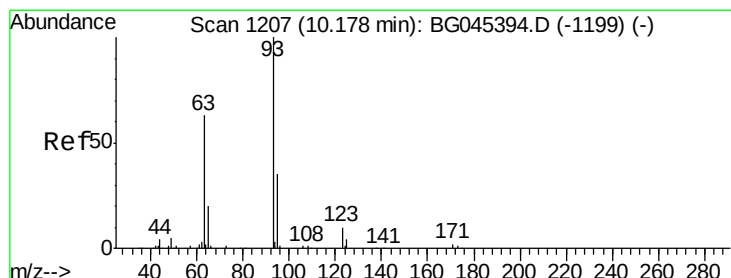
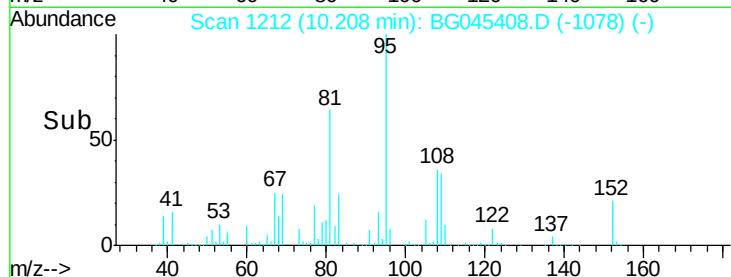
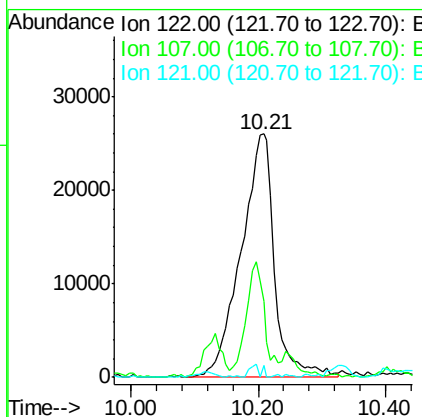
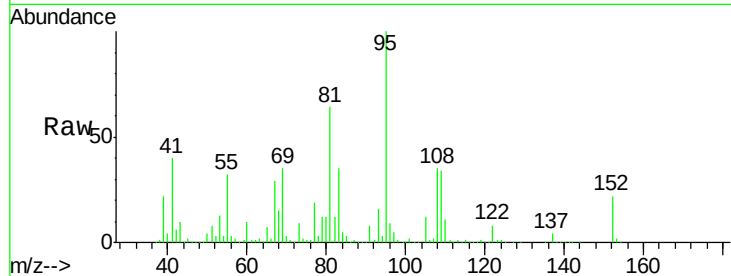




#27
 2,4-Dimethylphenol
 Concen: 28.671 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.26 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

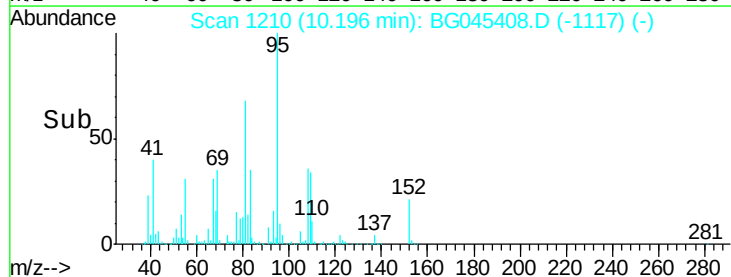
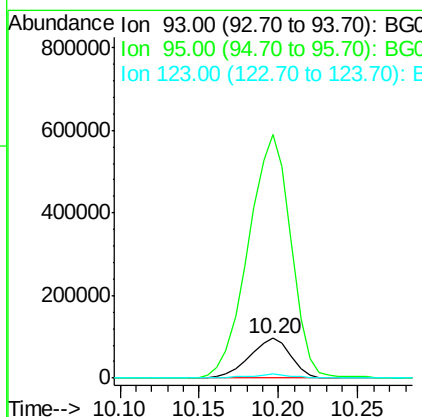
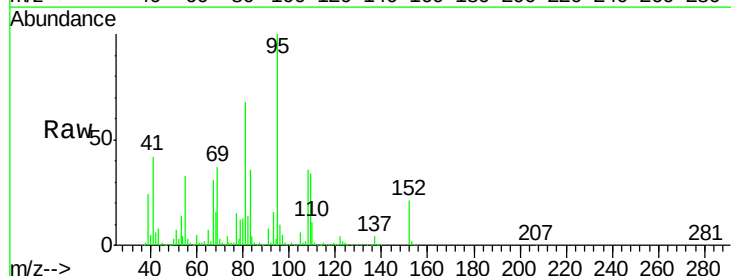
Instrument :
 BNA_G
 ClientSampleId :
 1366

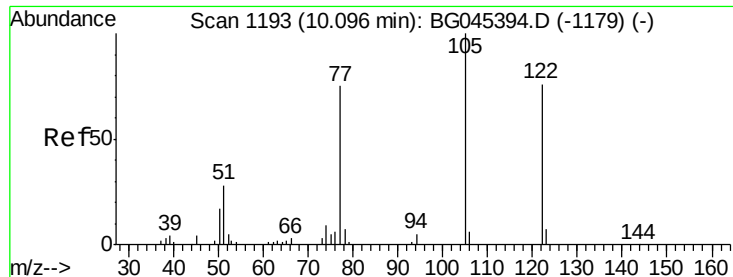
Tot Ion:122 Resp: 95951
 Ion Ratio Lower Upper
 122 100
 107 30.9 99.0 148.4#
 121 4.8 47.7 71.5#



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.682 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion: 93 Resp: 171264
 Ion Ratio Lower Upper
 93 100
 95 610.8 27.6 41.4#
 123 9.5 8.1 12.1

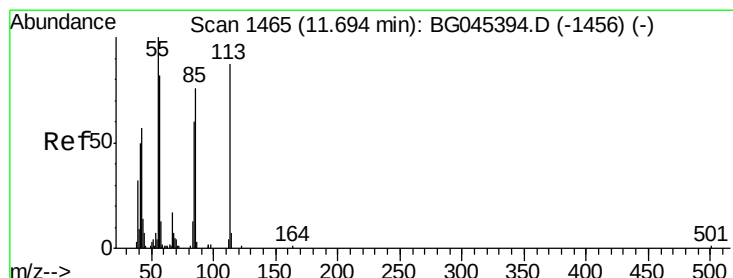
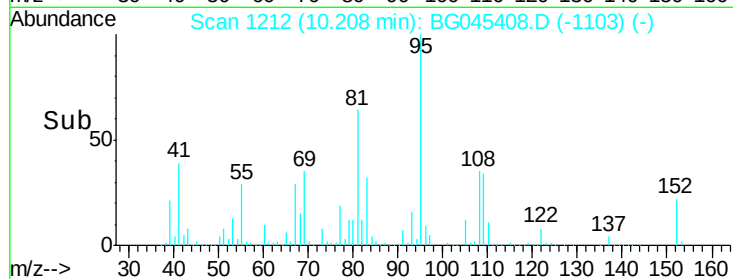
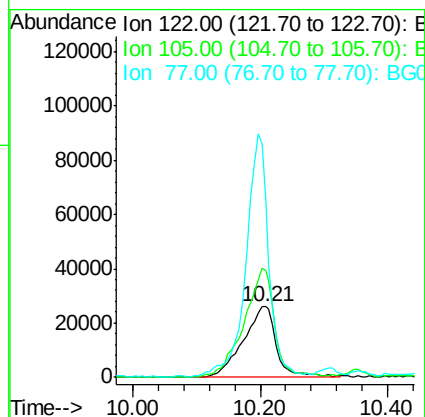
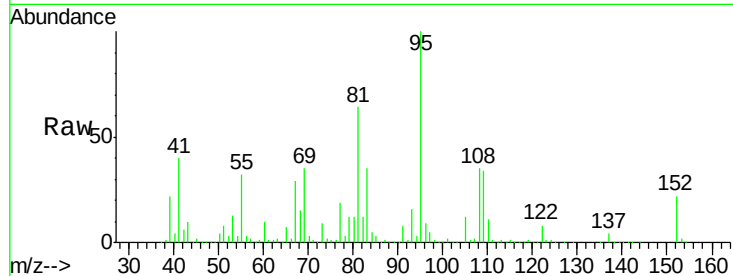




#32
Benzoic acid
Concen: 43.376 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.11 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

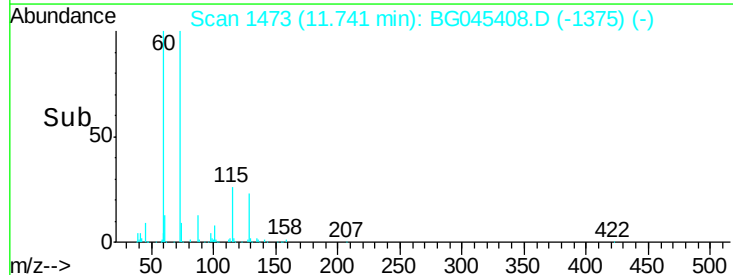
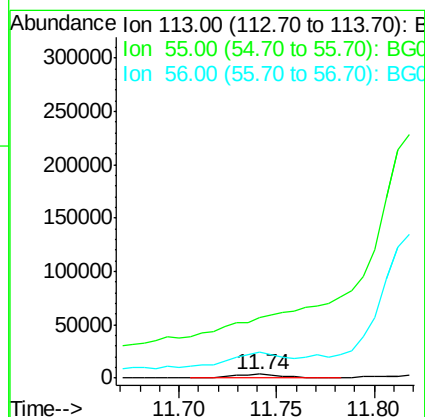
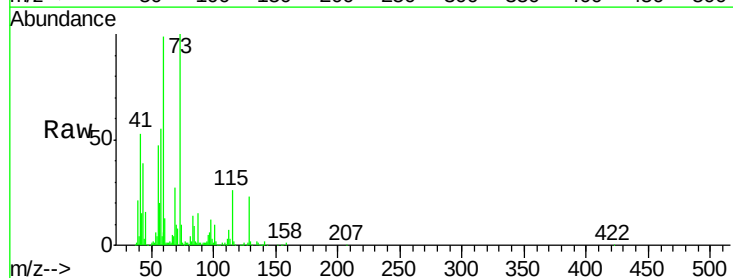
Instrument :
BNA_G
ClientSampleId :
1366

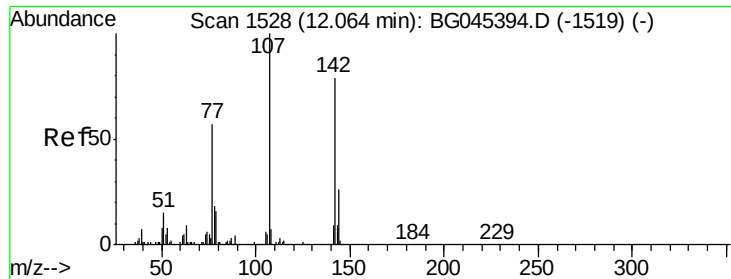
Tot Ion:122 Resp: 95951
Ion Ratio Lower Upper
122 100
105 150.2 107.9 147.9#
77 247.7 78.9 118.9#



#35
Caprolactam
Concen: 4.025 ng
RT: 11.74 min Scan# 1473
Delta R.T. 0.05 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion:113 Resp: 5838
Ion Ratio Lower Upper
113 100
55 1639.8 96.0 136.0#
56 705.9 75.1 115.1#

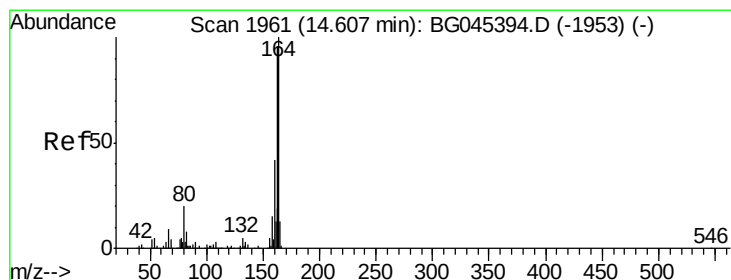
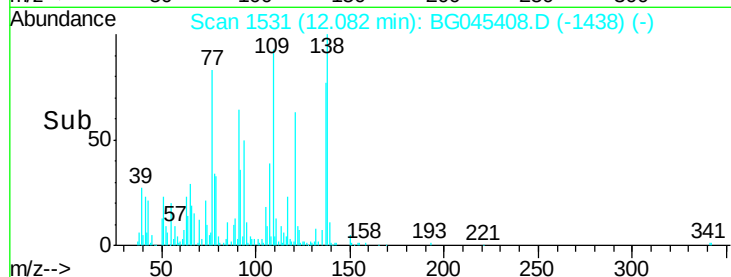
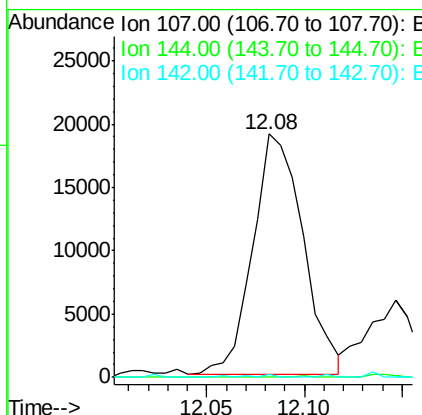
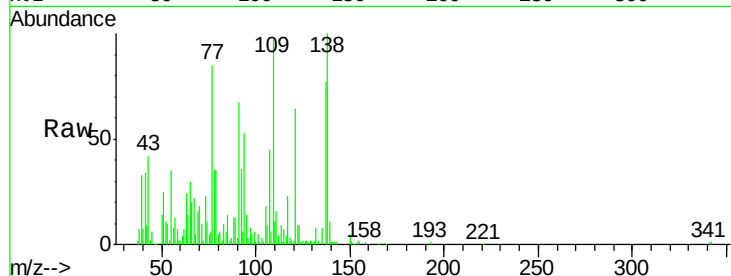




#36
 4-Chloro-3-methylphenol
 Concen: 7.638 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.02 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

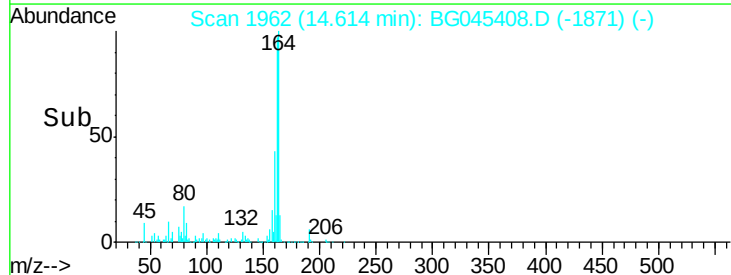
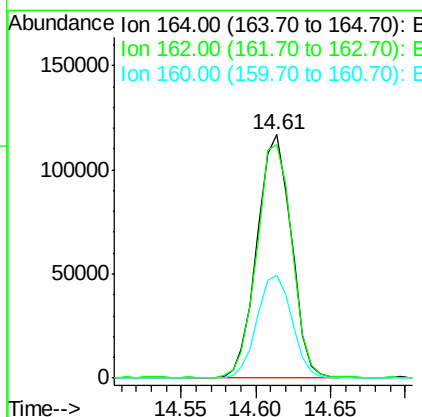
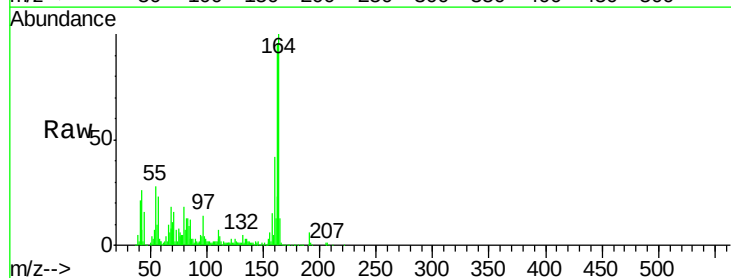
Instrument :
 BNA_G
 ClientSampleId :
 1366

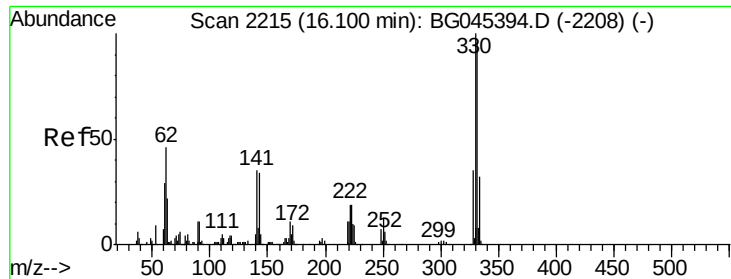
Tot Ion:107 Resp: 34012
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.8 31.2#
 142 1.4 62.8 94.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion:164 Resp: 185740
 Ion Ratio Lower Upper
 164 100
 162 96.0 76.9 115.3
 160 42.3 33.8 50.8

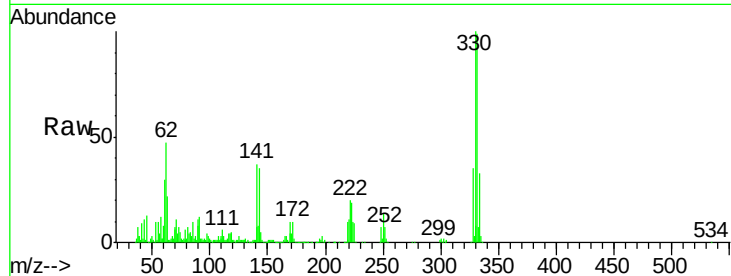




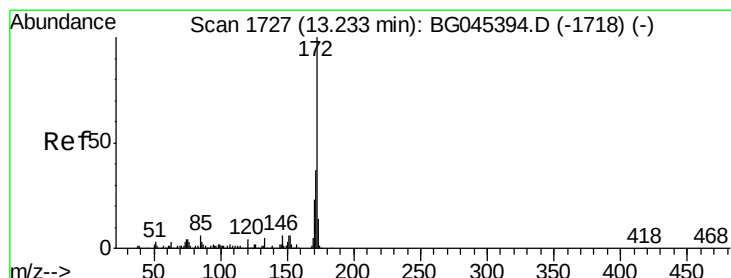
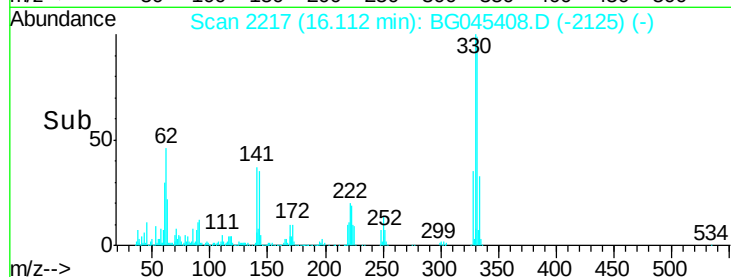
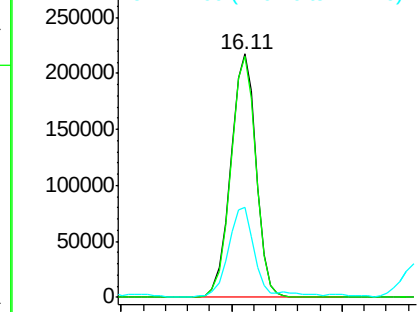
#42
 2,4,6-Tribromophenol
 Concen: 146.922 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.01 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Instrument :
 BNA_G
 ClientSampleId :
 1366

Tot Ion:330 Resp: 348999
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.4
 141 38.7 28.2 42.4

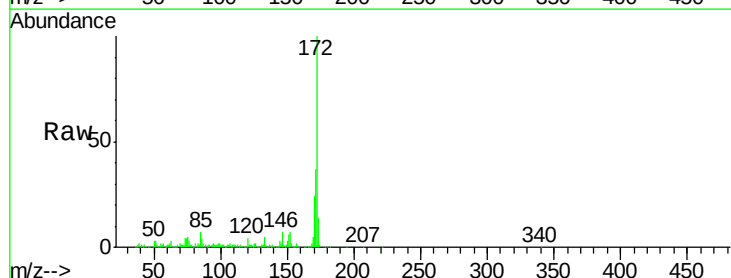


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

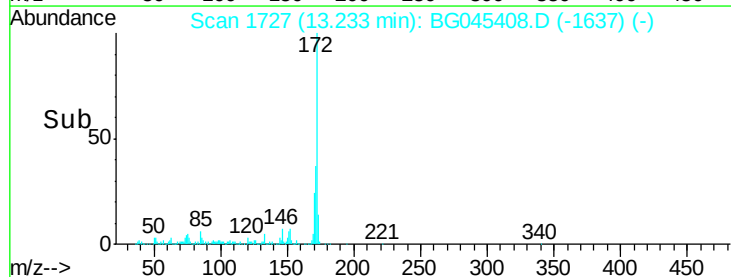
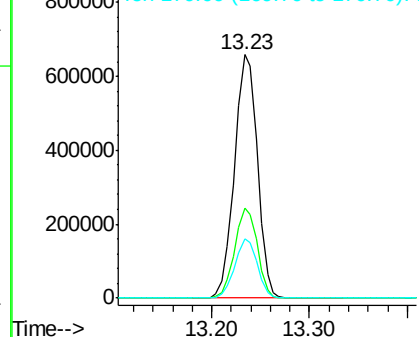


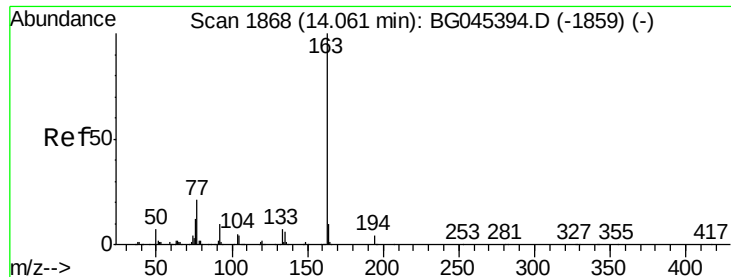
#45
 2-Fluorobiphenyl
 Concen: 97.563 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion:172 Resp: 1068343
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 24.1 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.850 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

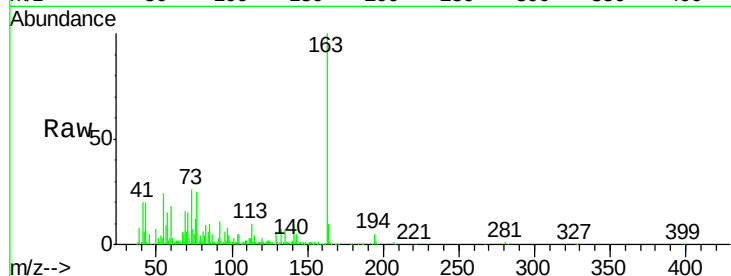
Tot Ion:163 Resp: 138245

Ion Ratio Lower Upper

163 100

194 5.3 3.2 4.8#

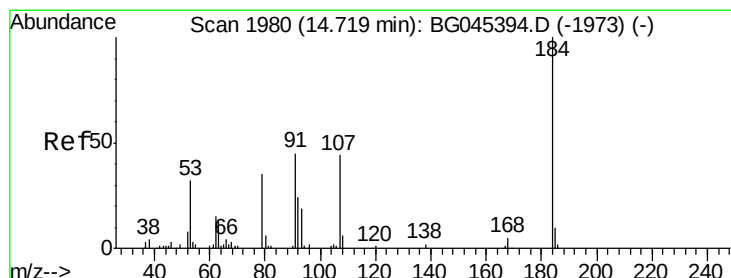
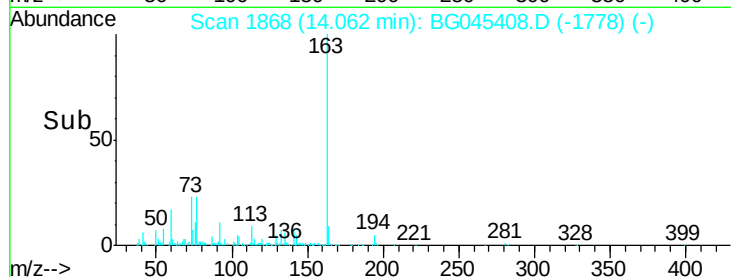
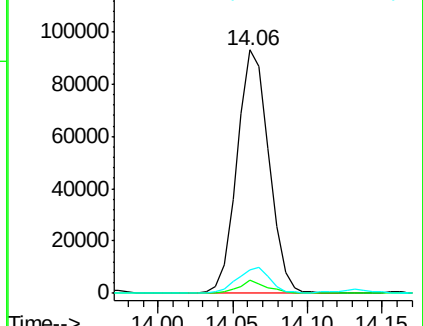
164 9.7 8.3 12.5



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: 5.609 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.03 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

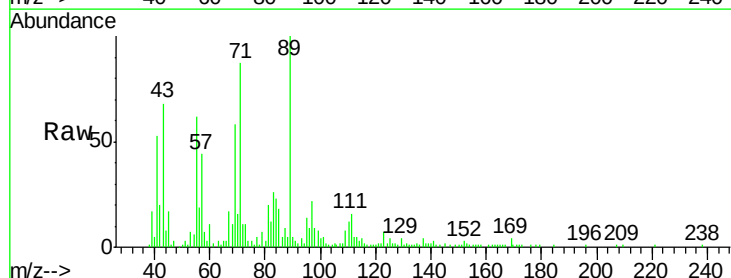
Tgt Ion:184 Resp: 303

Ion Ratio Lower Upper

184 100

63 373.3 47.8 71.6#

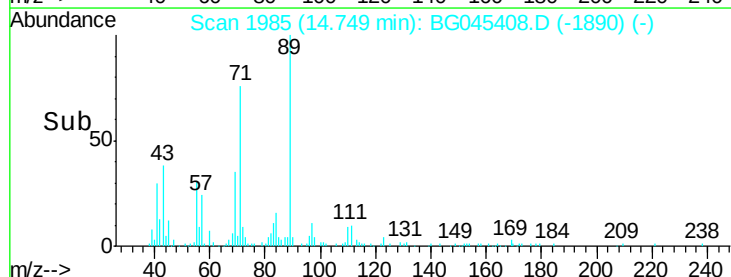
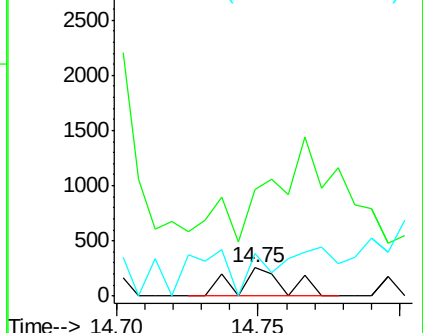
154 151.9 58.3 87.5#

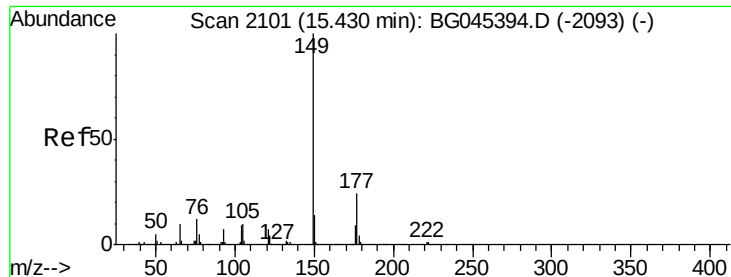


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#60

Diethylphthalate

Concen: 3.403 ng

RT: 15.43 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

Instrument :

BNA_G

ClientSampleId :

1366

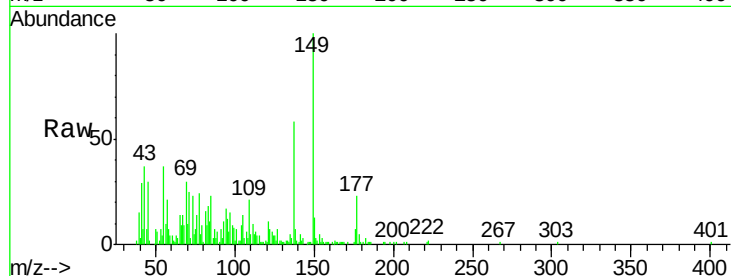
Tot Ion:149 Resp: 45126

Ion Ratio Lower Upper

149 100

177 23.3 19.0 28.4

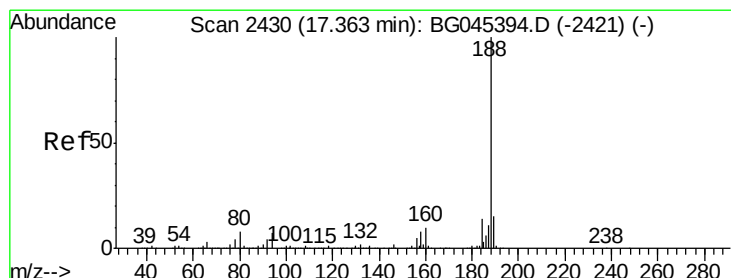
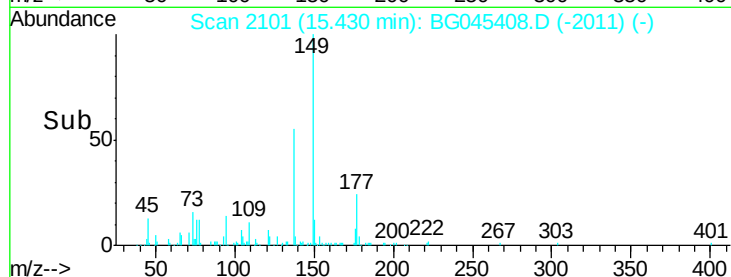
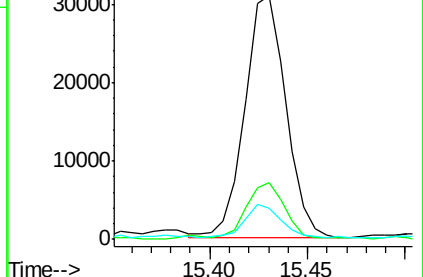
150 12.6 11.4 17.0



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# 2430

Delta R.T. 0.00 min

Lab File: BG045408.D

Acq: 15 May 2020 22:36

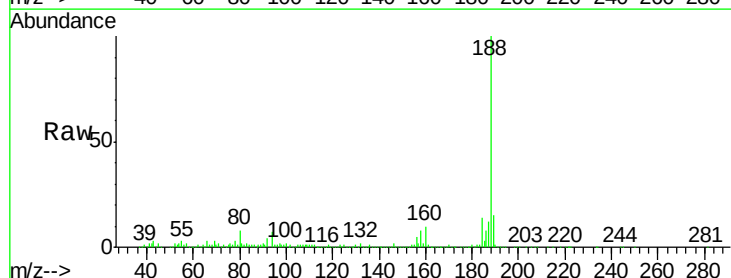
Tgt Ion:188 Resp: 405729

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

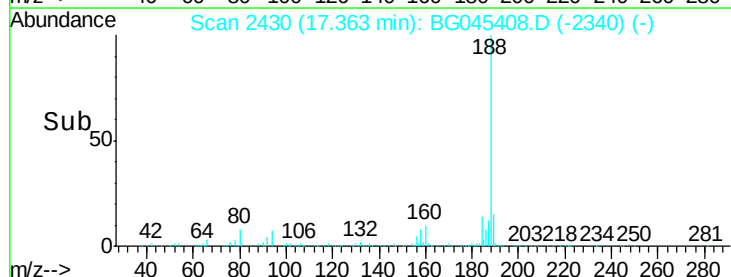
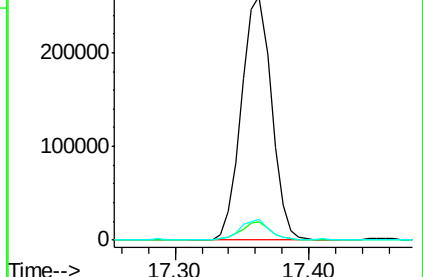
80 8.5 6.6 10.0

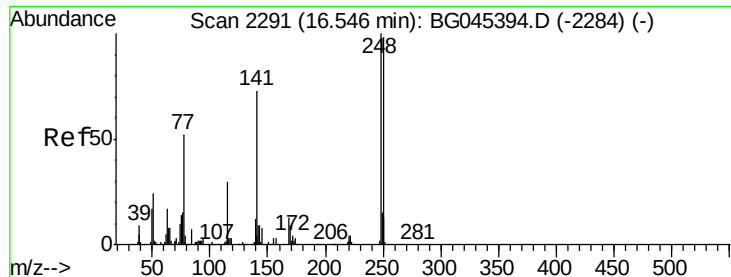


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

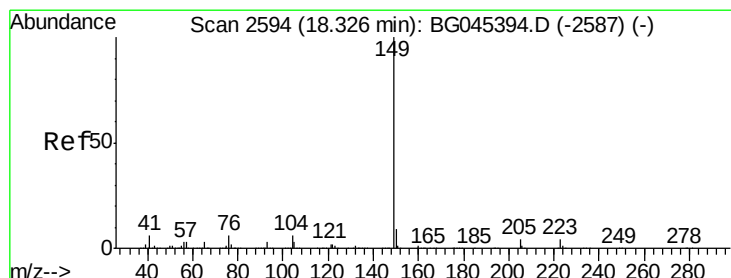
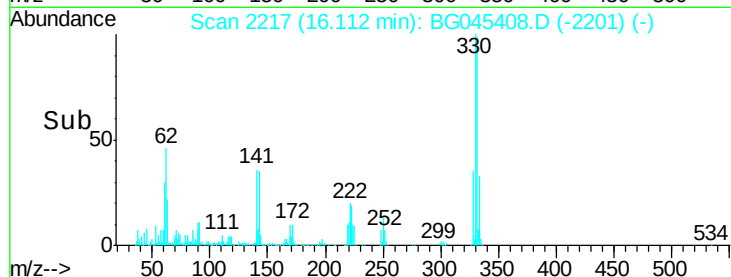
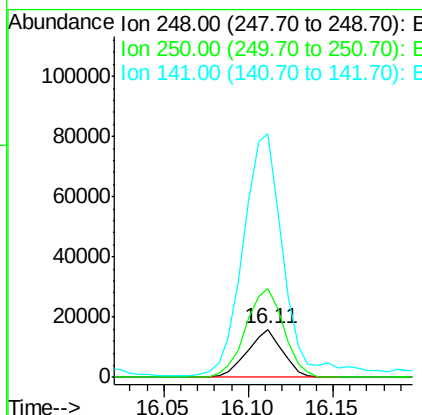
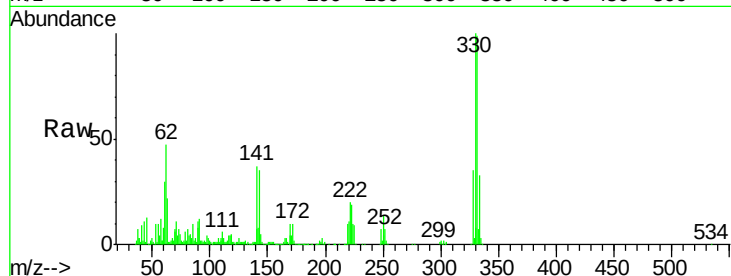




#67
 4-Bromophenyl-phenylether
 Concen: 5.227 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.43 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

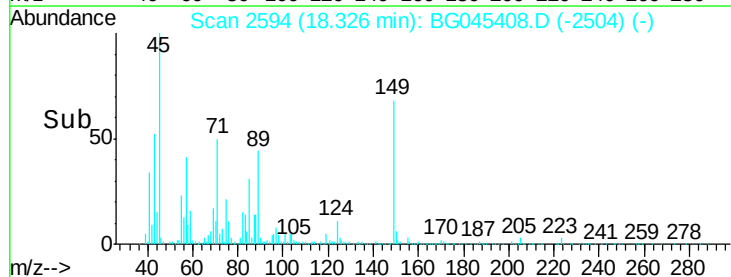
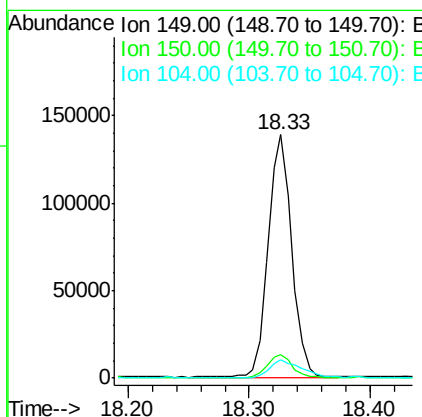
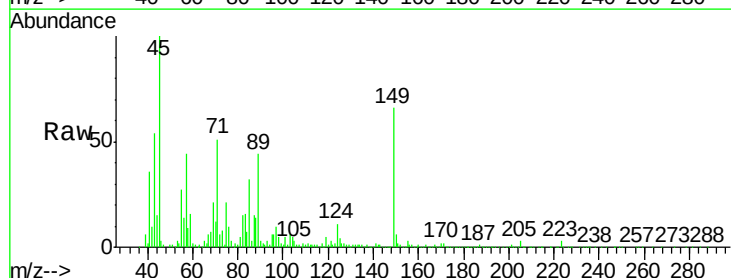
Instrument :
 BNA_G
 ClientSampleId :
 1366

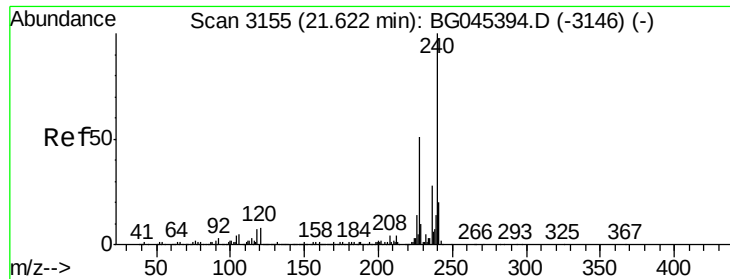
Tot Ion:248 Resp: 22965
 Ion Ratio Lower Upper
 248 100
 250 184.2 78.6 117.8#
 141 507.7 58.2 87.2#



#74
 Di-n-butylphthalate
 Concen: 9.027 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045408.D
 Acq: 15 May 2020 22:36

Tgt Ion:149 Resp: 187858
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 7.4 5.0 7.4

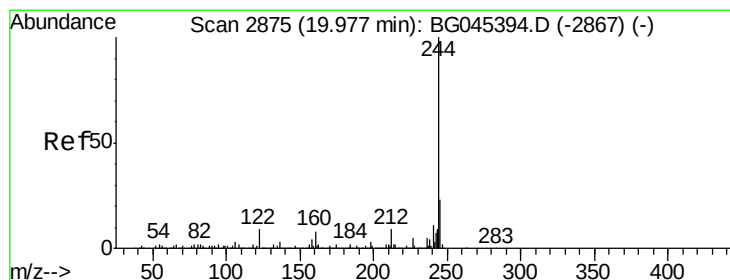
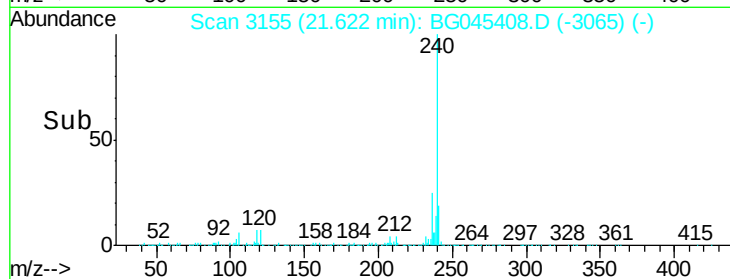
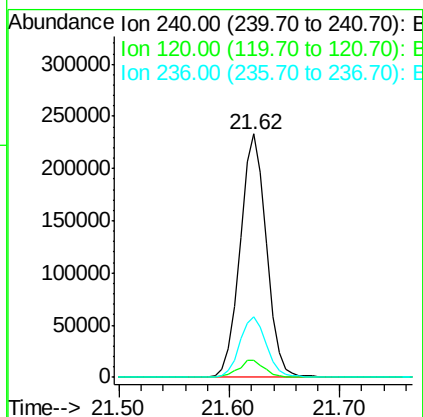
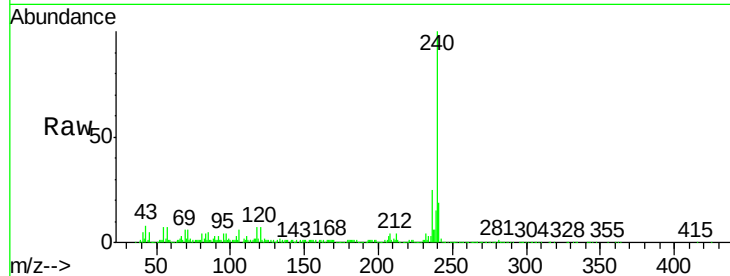




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

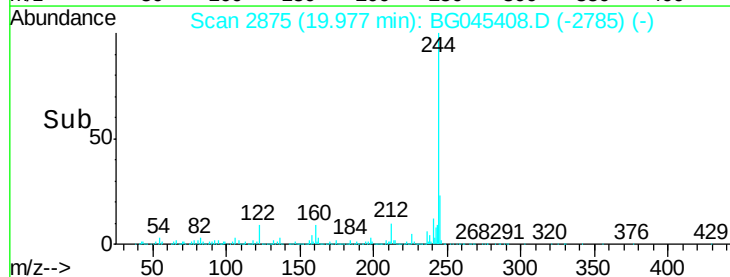
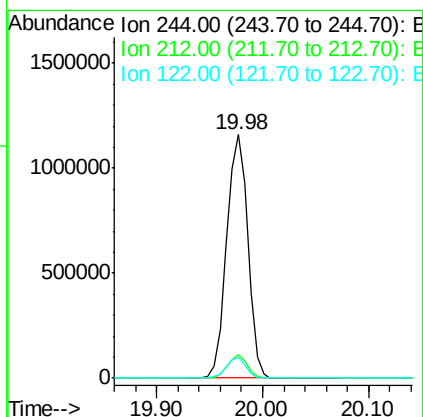
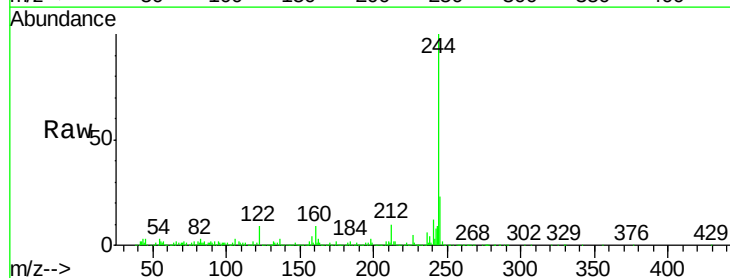
Instrument :
BNA_G
ClientSampleId :
1366

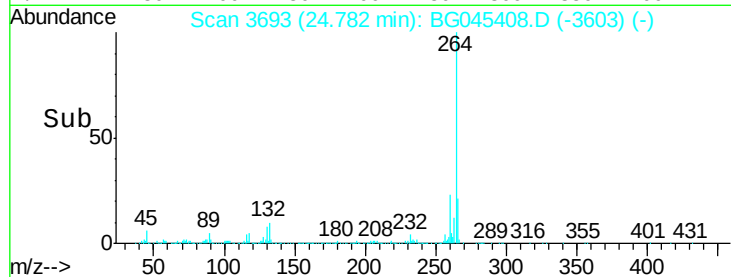
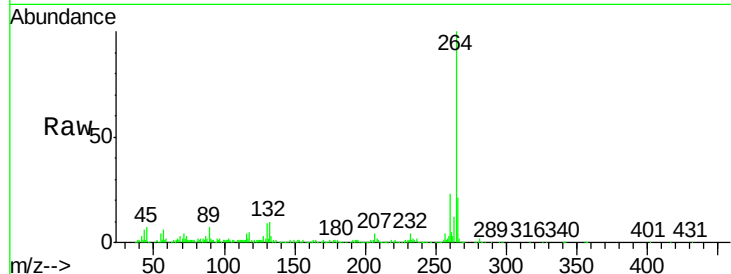
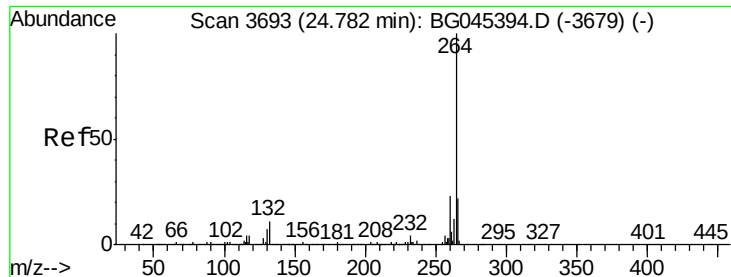
Tot Ion:240 Resp: 390098
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.1 22.3 33.5



#79
Terphenyl-d14
Concen: 95.783 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Tgt Ion:244 Resp: 1602064
Ion Ratio Lower Upper
244 100
212 9.6 7.4 11.0
122 8.6 6.8 10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG045408.D
Acq: 15 May 2020 22:36

Instrument :
BNA_G
ClientSampleId :
1366

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.5	17.6	26.4

