

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045078.D
 Acq On : 18 Apr 2020 22:20
 Operator : CG/JU
 Sample : L2304-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B2

Quant Time: Apr 20 00:24:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

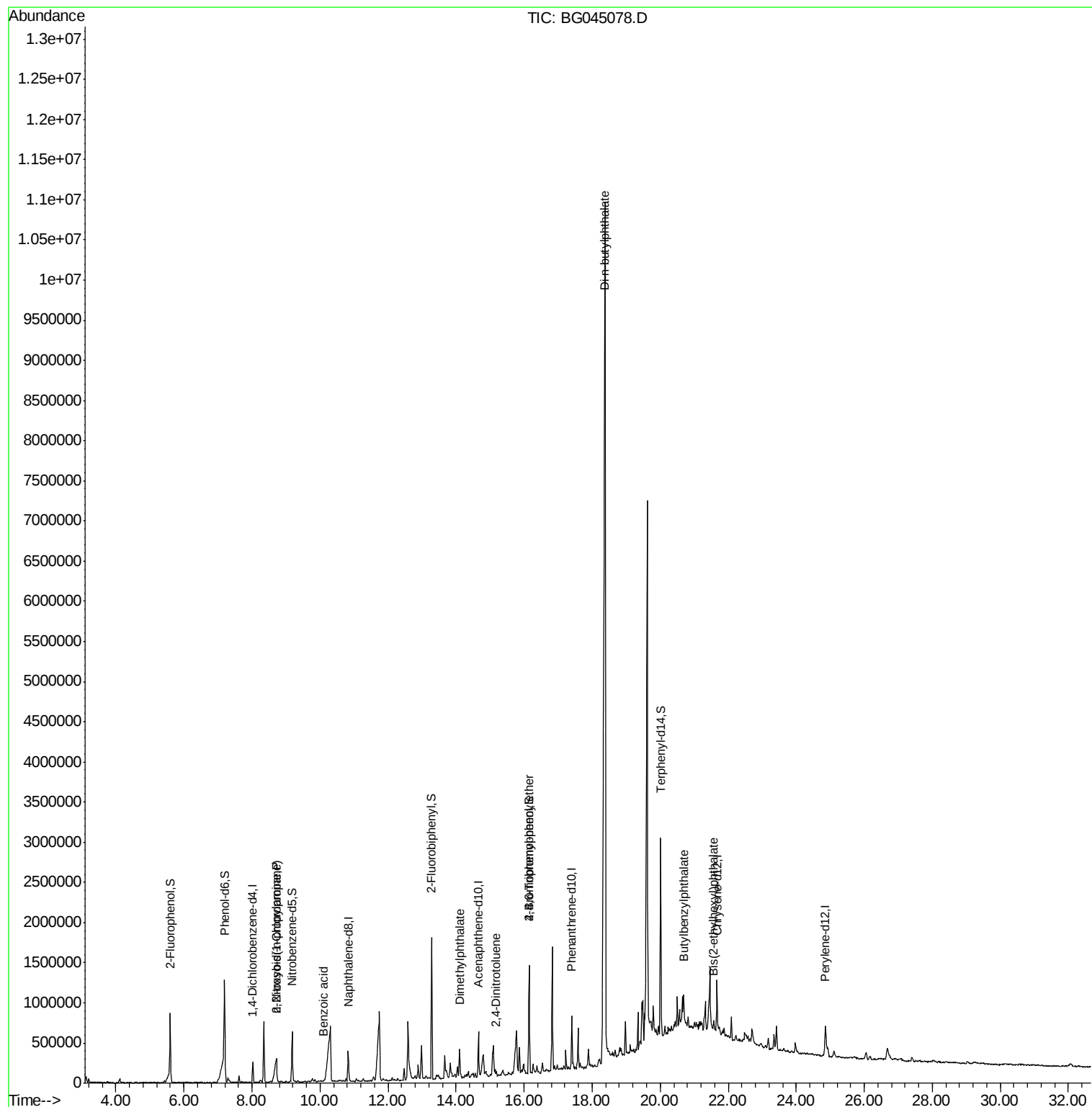
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	74331	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	316115	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	215746	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	441373	20.00	ng	0.00
76) Chrysene-d12	21.67	240	392857	20.00	ng	0.00
87) Perylene-d12	24.86	264	434883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	420763	93.45	ng	0.00
7) Phenol-d6	7.19	99	652704	97.57	ng	0.00
23) Nitrobenzene-d5	9.18	82	428244	61.81	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	275225	82.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	962425	65.41	ng	0.00
79) Terphenyl-d14	20.02	244	1246801	69.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	1091	Below Cal		Qvalue # 66
16) 2,2'-oxybis(1-Chloropropan	8.72	45	45251	8.650 ng		67
19) n-Nitroso-di-n-propylamine	8.72	70	41292	8.728 ng	#	46
32) Benzoic acid	10.10	122	974	6.589 ng	#	38
50) Dimethylphthalate	14.10	163	126709	7.213 ng		99
57) 2,4-Dinitrotoluene	15.18	165	16002	2.787 ng	#	30
67) 4-Bromophenyl-phenylether	16.15	248	18550	3.258 ng	#	1
69) Atrazine	16.87	200	390	Below Cal	#	28
74) Di-n-butylphthalate	18.37	149	747114	27.345 ng	#	98
75) Fluoranthene	19.45	202	60990	Below Cal		91
77) Benzidine	19.63	184	1164	Below Cal	#	1
80) Butylbenzylphthalate	20.71	149	69722	6.210 ng	#	85
84) Bis(2-ethylhexyl)phthalate	21.57	149	66405	4.301 ng		92

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

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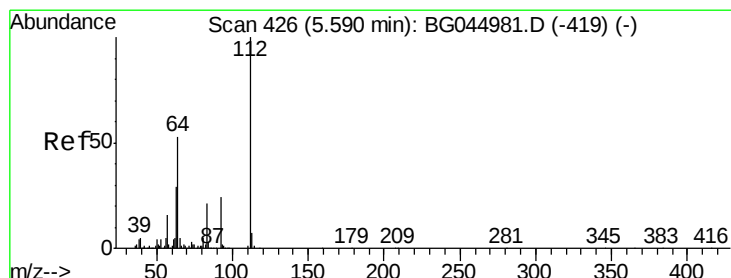
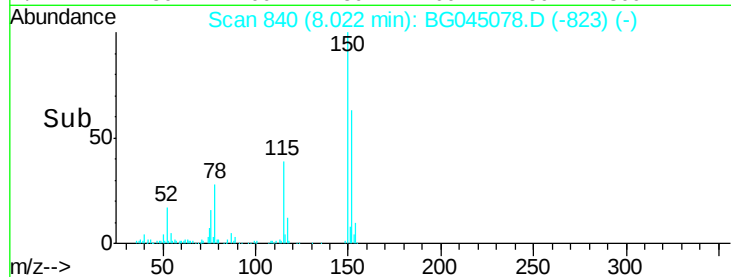
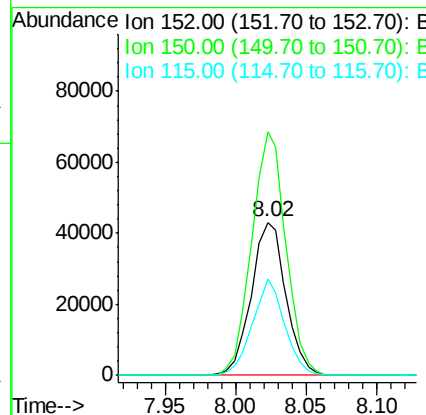
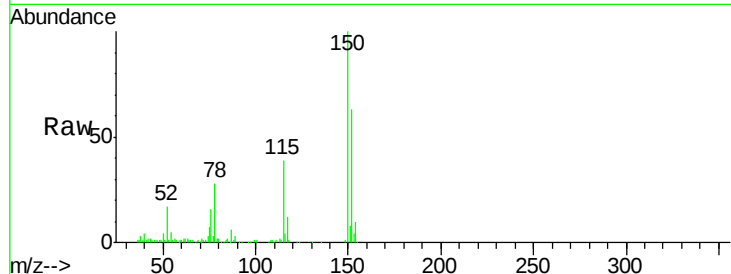


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
WC-B2

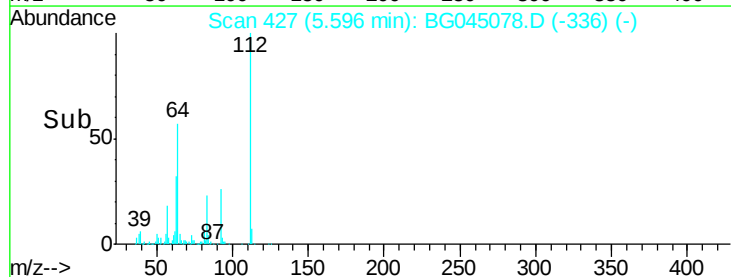
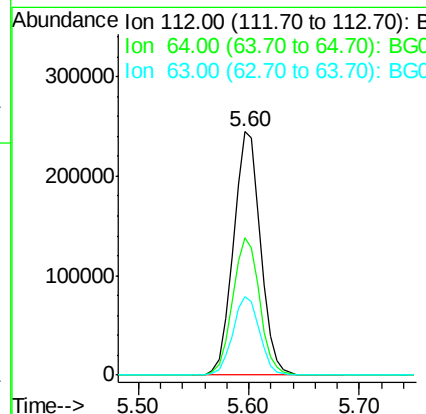
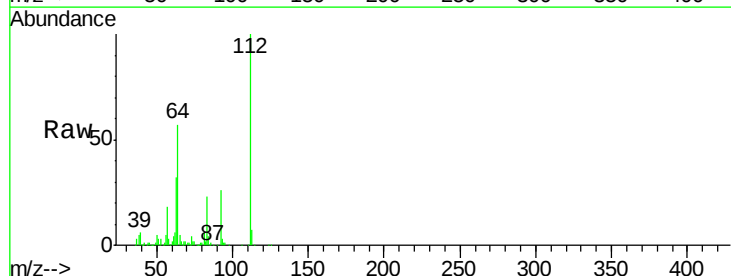
Tot Ion:152 Resp: 74331
Ion Ratio Lower Upper
152 100
150 158.9 123.6 185.4
115 62.8 49.1 73.7

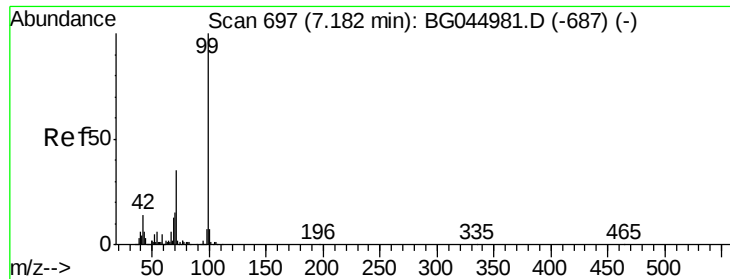


#5

2-Fluorophenol
Concen: 93.455 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Tgt Ion:112 Resp: 420763
Ion Ratio Lower Upper
112 100
64 56.6 42.4 63.6
63 32.3 23.1 34.7





#7

Phenol-d6

Concen: 97.574 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

WC-B2

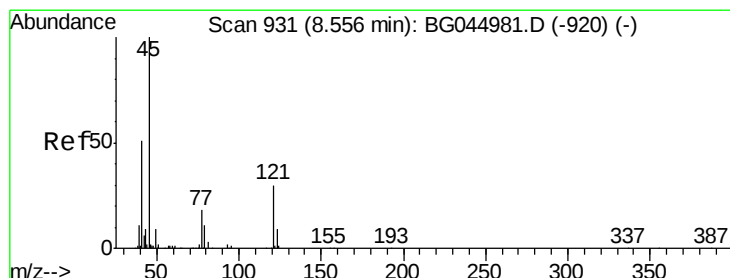
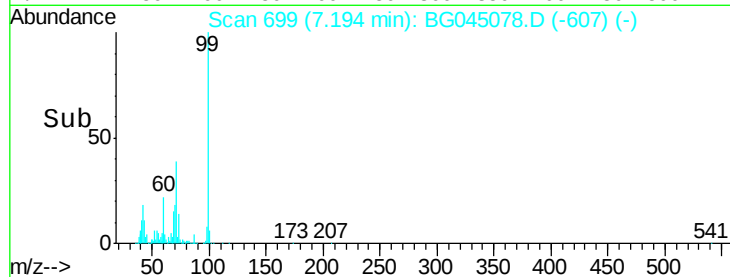
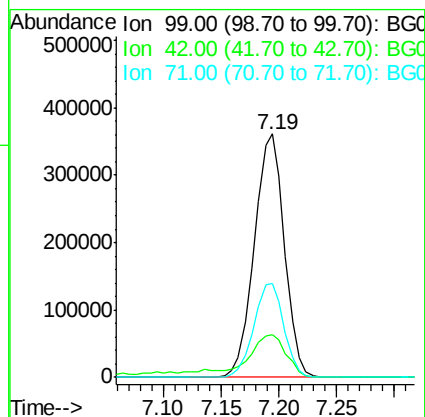
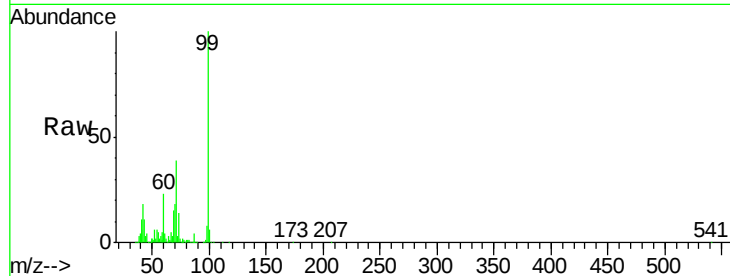
Tot Ion: 99 Resp: 652704

Ion Ratio Lower Upper

99 100

42 17.6 11.3 16.9#

71 38.8 28.3 42.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.650 ng

RT: 8.72 min Scan# 959

Delta R.T. 0.17 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

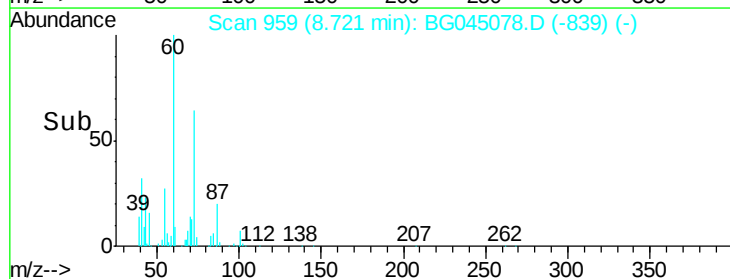
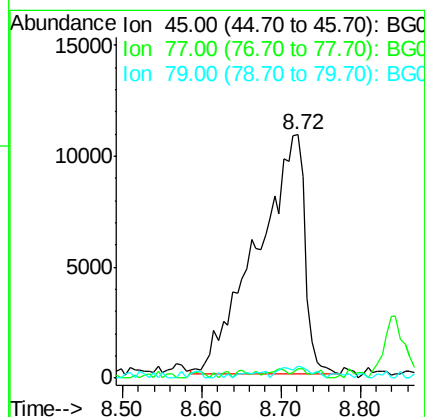
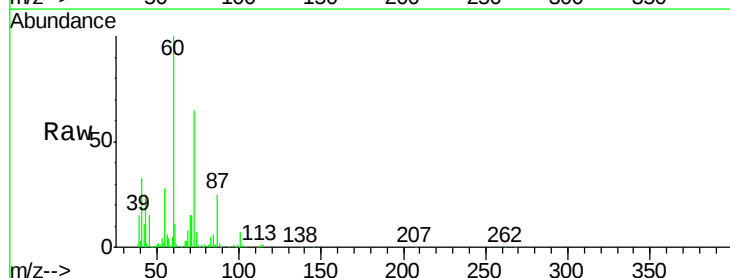
Tgt Ion: 45 Resp: 45251

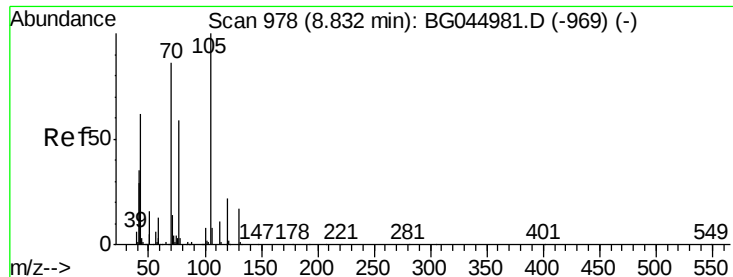
Ion Ratio Lower Upper

45 100

77 4.1 1.9 41.9

79 4.7 0.0 35.5

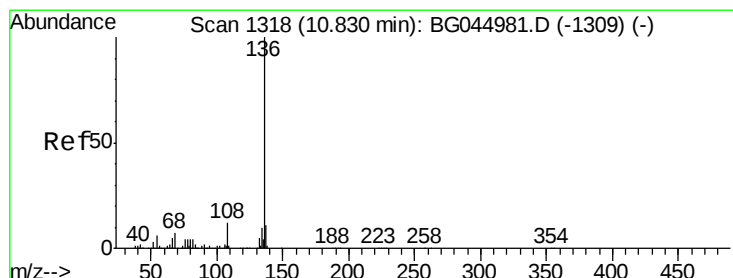
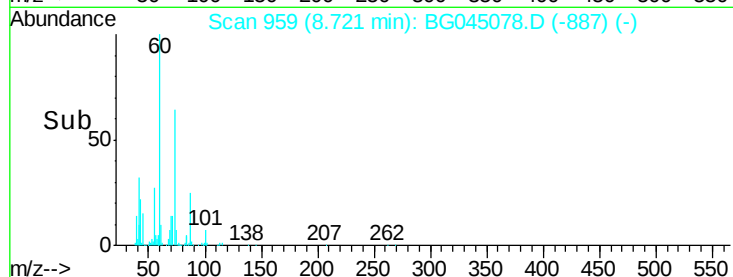
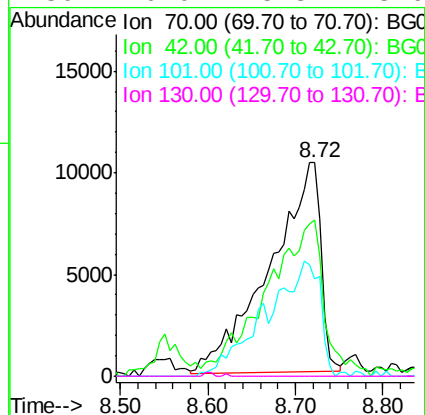
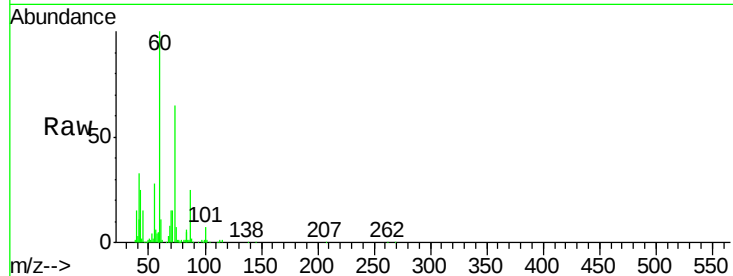




#19
n-Nitroso-di-n-propylamine
Concen: 8.728 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.11 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

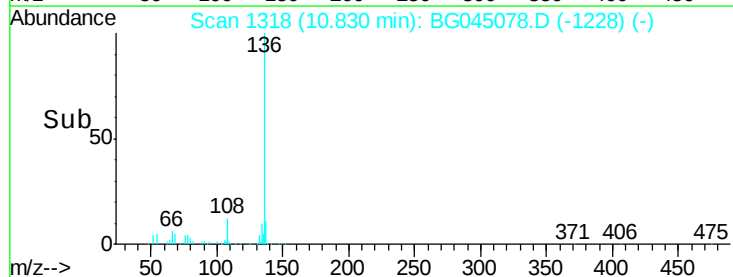
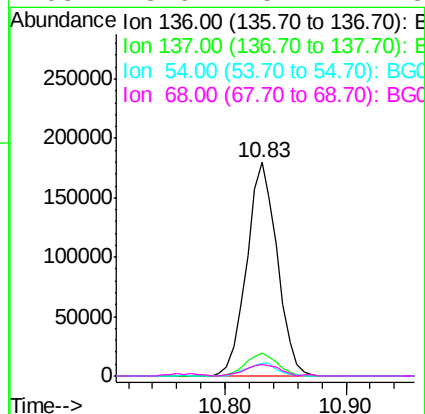
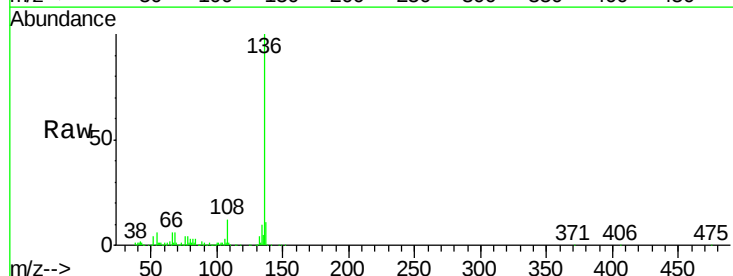
Instrument :
BNA_G
ClientSampleId :
WC-B2

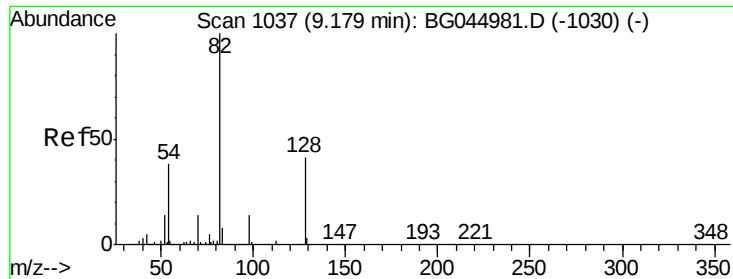
Tot Ion:	70	Resp:	41292
Ion	Ratio	Lower	Upper
70	100		
42	72.9	33.3	49.9#
101	45.7	7.8	11.8#
130	0.0	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Tgt Ion:	136	Resp:	316115
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.2	4.8	7.2
68	5.6	5.2	7.8

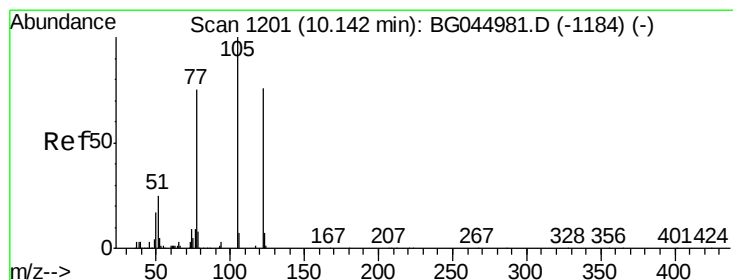
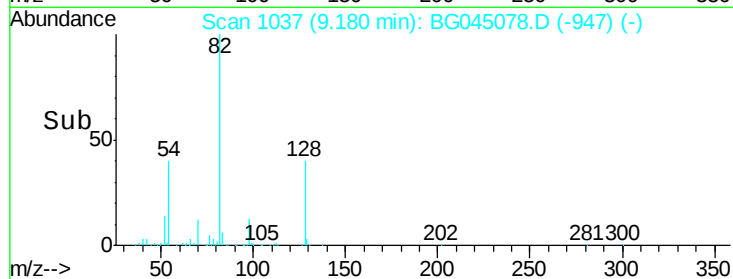
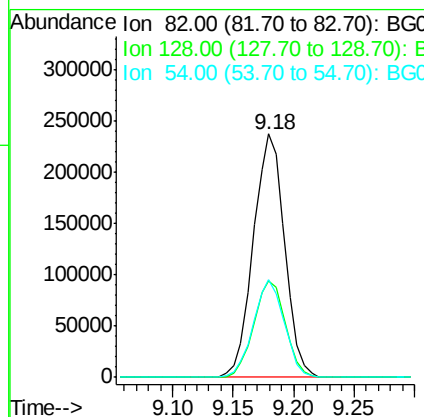
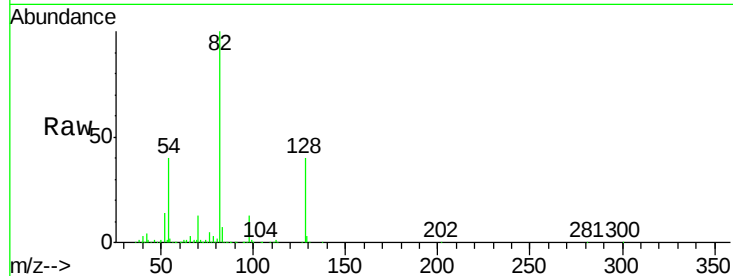




#23
 Nitrobenzene-d5
 Concen: 61.814 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

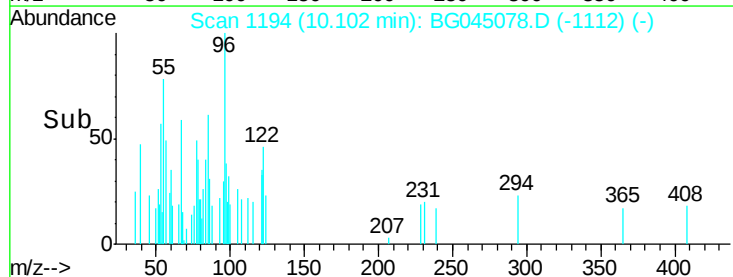
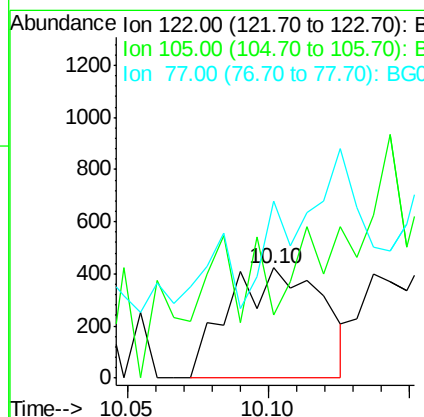
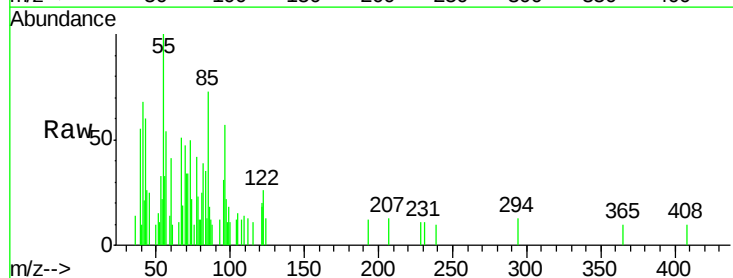
Instrument :
 BNA_G
 ClientSampleId :
 WC-B2

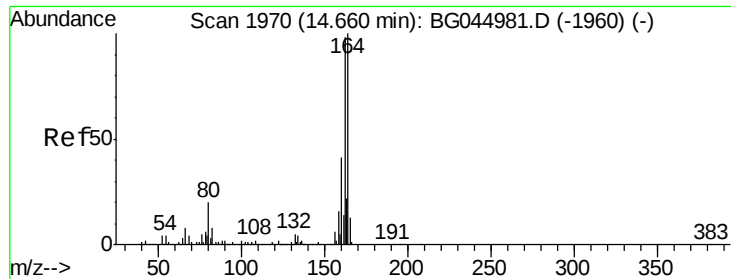
Tot Ion	82	Resp	428244
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.0	49.4
54	40.3	30.4	45.6



#32
 Benzoic acid
 Concen: 6.589 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

Tgt Ion	122	Resp	974
Ion Ratio	Lower	Upper	
122	100		
105	57.4	108.4	148.4#
77	160.8	78.8	118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

WC-B2

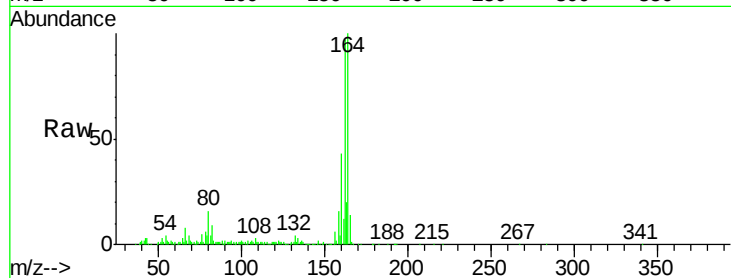
Tot Ion:164 Resp: 215746

Ion Ratio Lower Upper

164 100

162 97.3 78.7 118.1

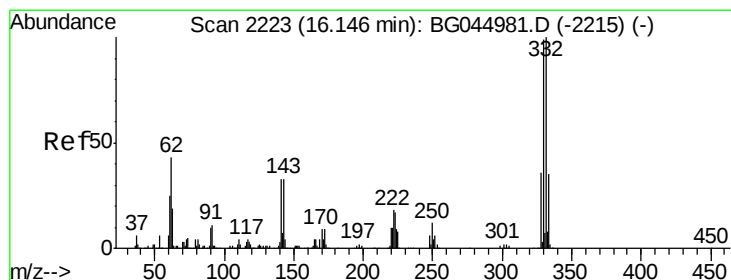
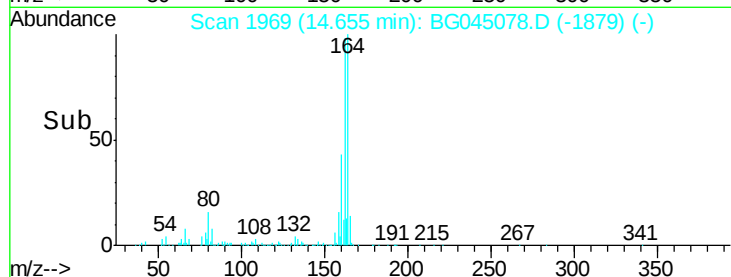
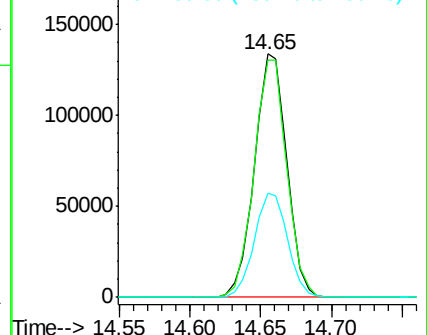
160 42.8 32.8 49.2



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: 82.576 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

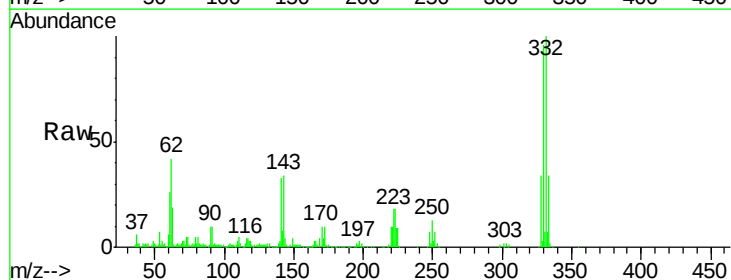
Tgt Ion:330 Resp: 275225

Ion Ratio Lower Upper

330 100

332 98.7 79.1 118.7

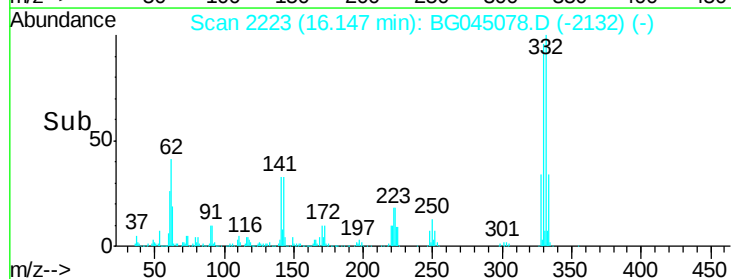
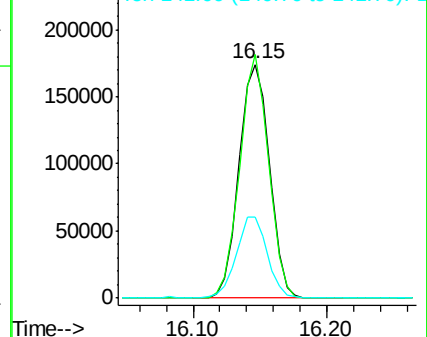
141 35.1 27.1 40.7

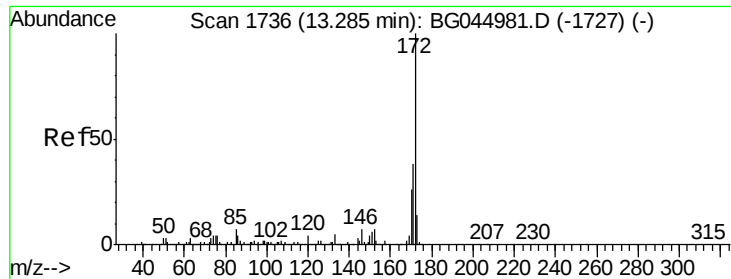


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

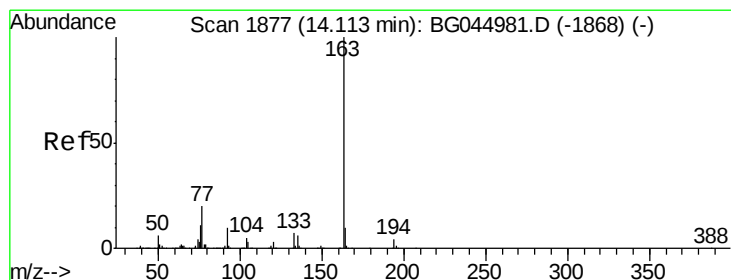
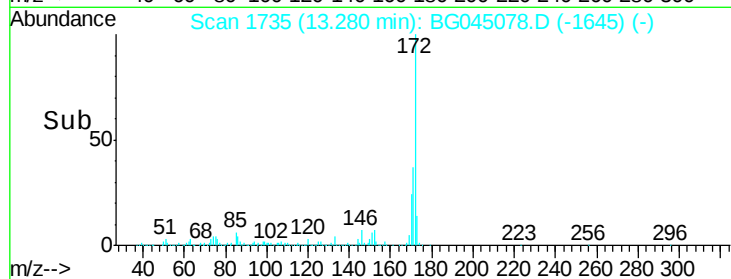
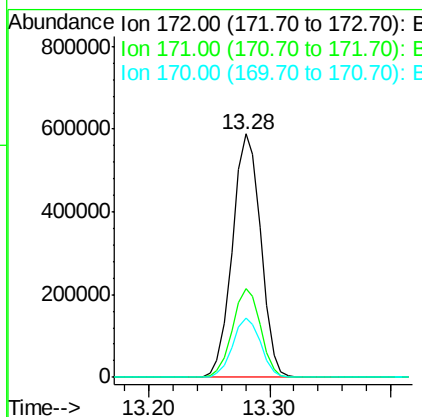
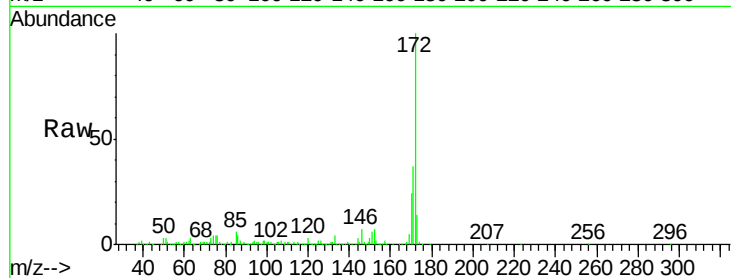




#45
2-Fluorobiphenyl
Concen: 65.411 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

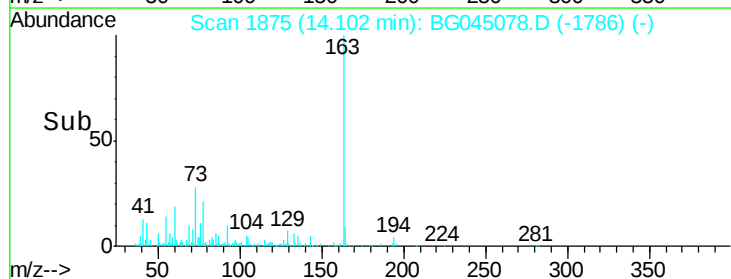
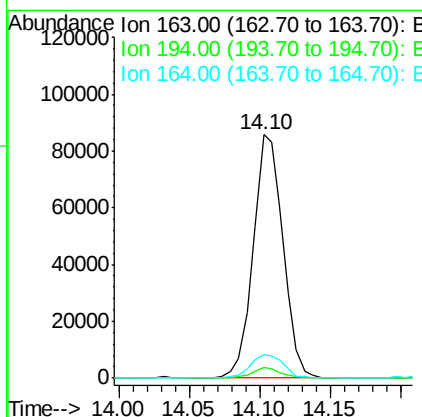
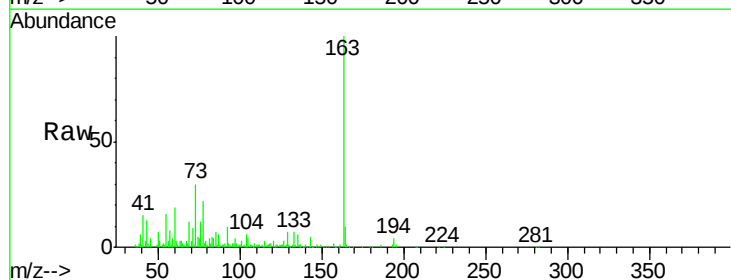
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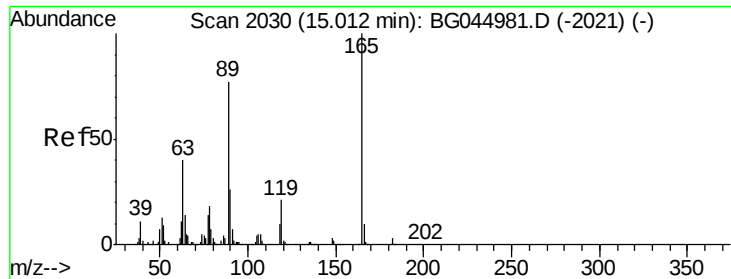
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.5	20.5	30.7



#50
Dimethylphthalate
Concen: 7.213 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.2	12.4

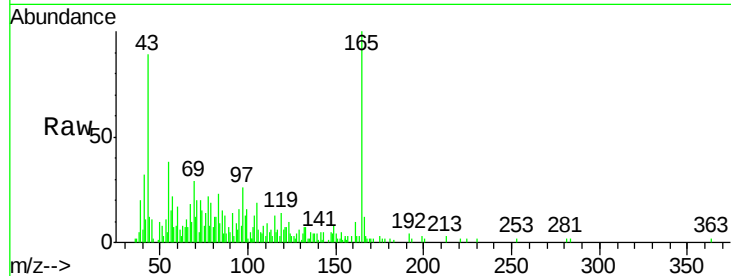




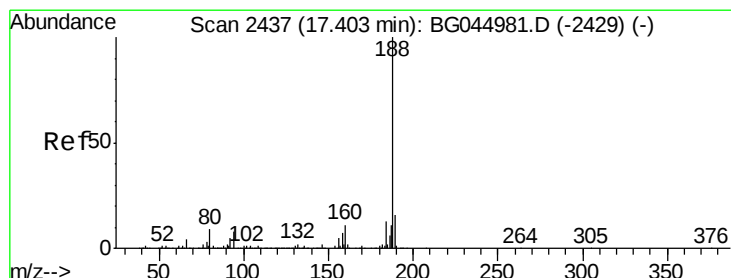
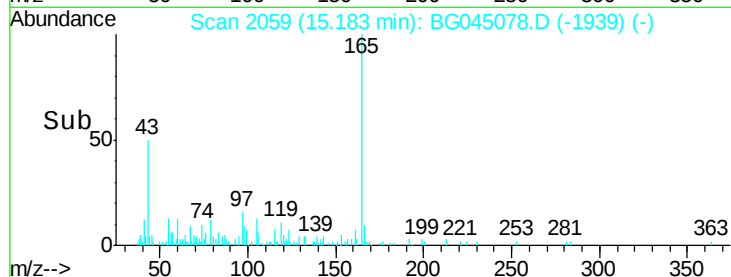
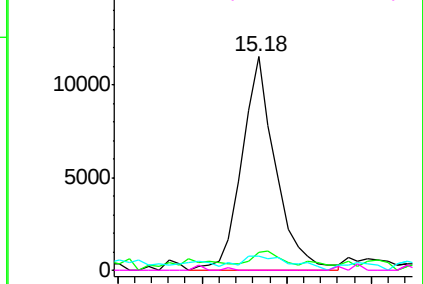
#57
 2,4-Dinitrotoluene
 Concen: 2.787 ng
 RT: 15.18 min Scan# 2059
 Delta R.T. 0.17 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

Instrument :
 BNA_G
 ClientSampleId :
 WC-B2

Tot Ion:165 Resp: 16002
 Ion Ratio Lower Upper
 165 100
 63 8.3 32.2 48.2#
 89 6.8 61.7 92.5#
 182 0.0 2.0 3.0#

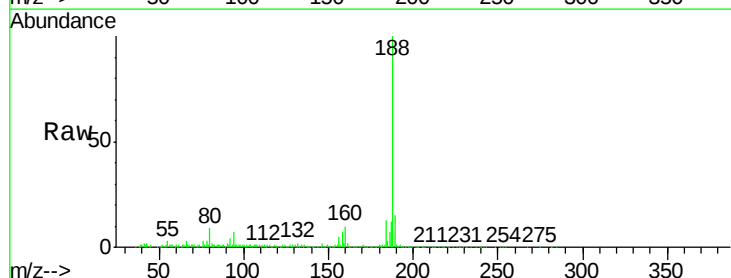


Abundance Ion 165.00 (164.70 to 165.70): E

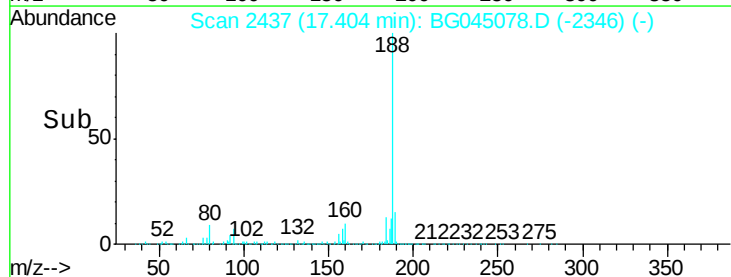
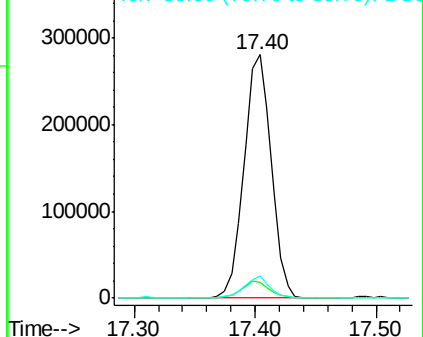


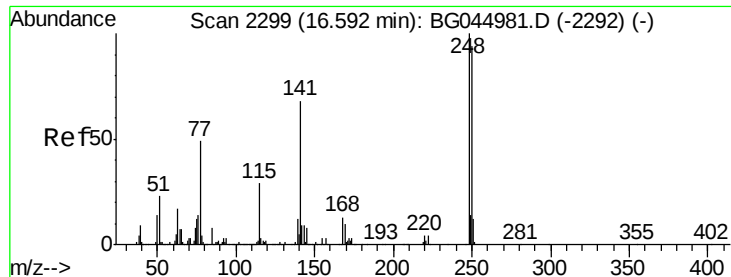
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

Tgt Ion:188 Resp: 441373
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.2 9.4
 80 8.9 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

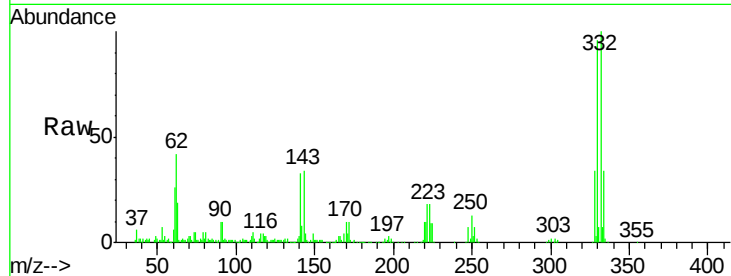




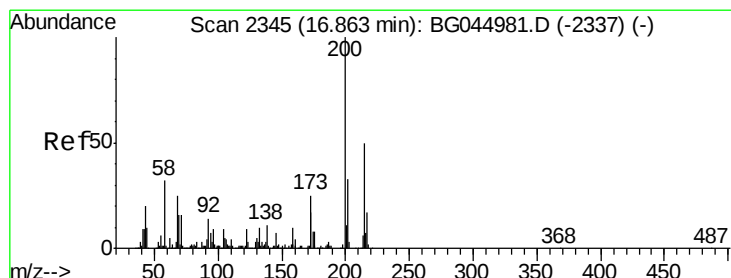
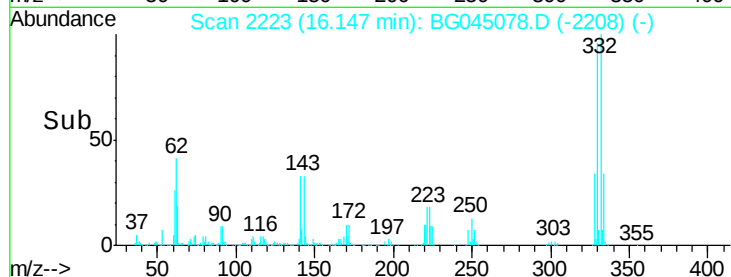
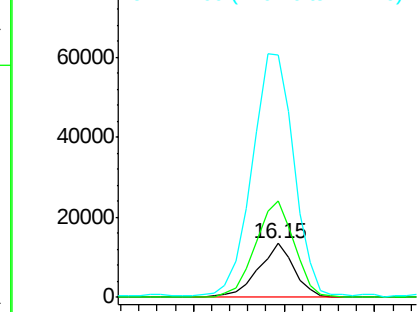
#67
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.44 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
WC-B2

Tot Ion:248 Resp: 18550
Ion Ratio Lower Upper
248 100
250 178.7 75.4 113.2#
141 450.8 54.4 81.6#

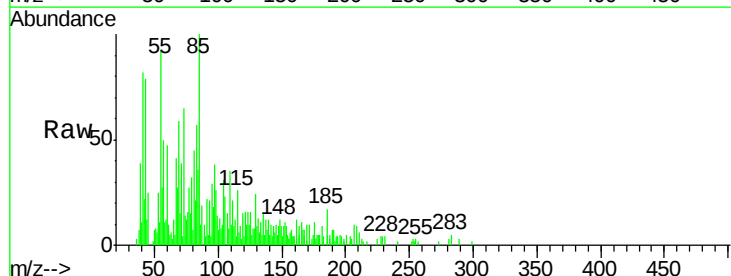


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

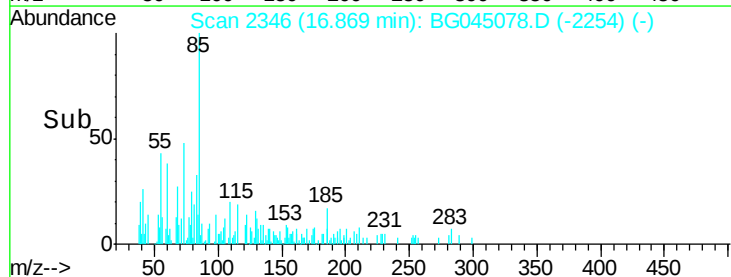
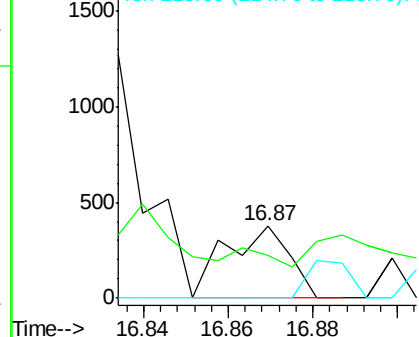


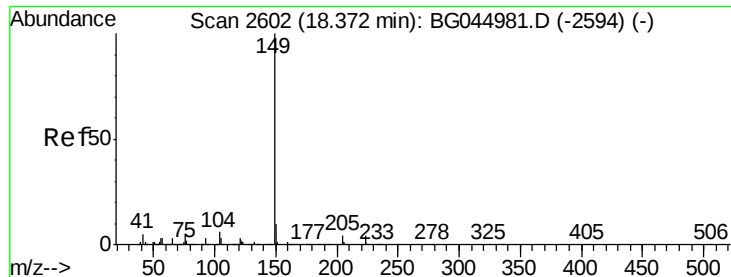
#69
Atrazine
Concen: Below Cal
RT: 16.87 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BG045078.D
Acq: 18 Apr 2020 22:20

Tgt Ion:200 Resp: 390
Ion Ratio Lower Upper
200 100
173 59.5 4.5 44.5#
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#74

Di-n-butylphthalate

Concen: 27.345 ng

RT: 18.37 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

WC-B2

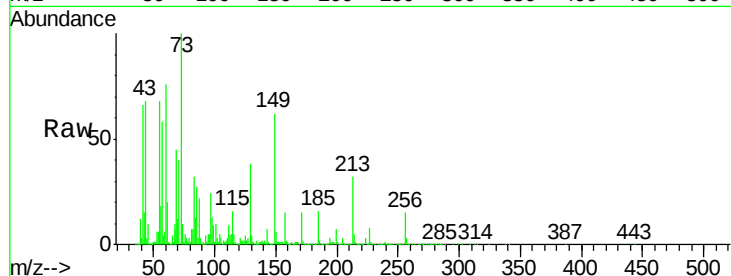
Tot Ion:149 Resp: 747114

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

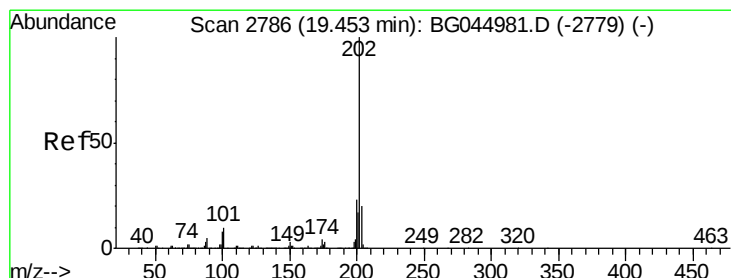
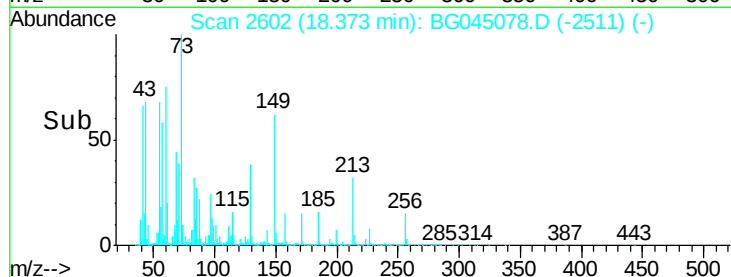
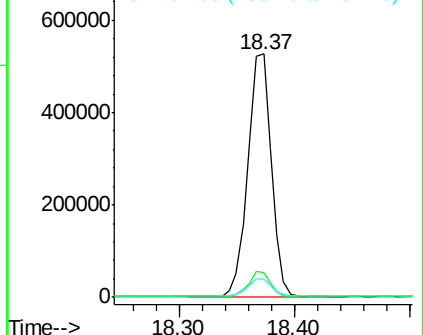
104 7.6 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: Below Cal

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

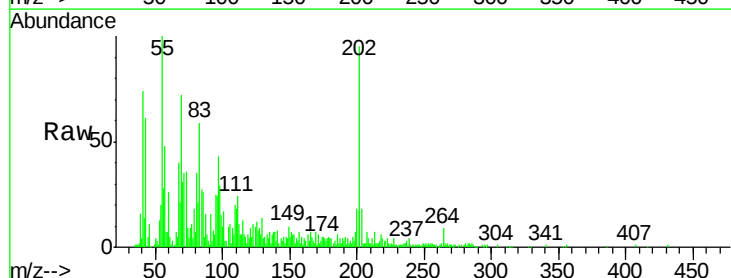
Tgt Ion:202 Resp: 60990

Ion Ratio Lower Upper

202 100

101 17.4 0.0 29.6

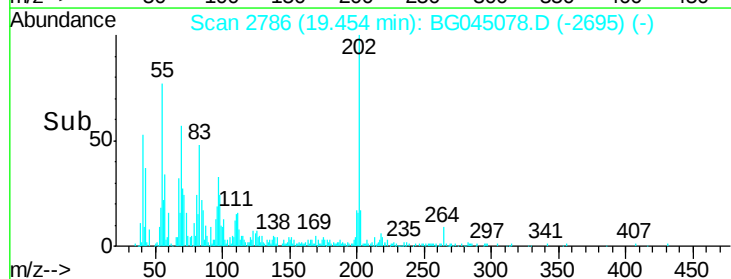
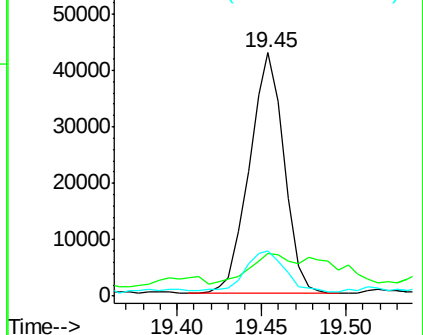
203 18.6 0.0 39.7

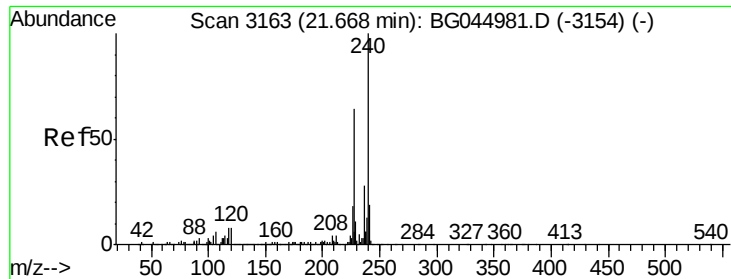


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

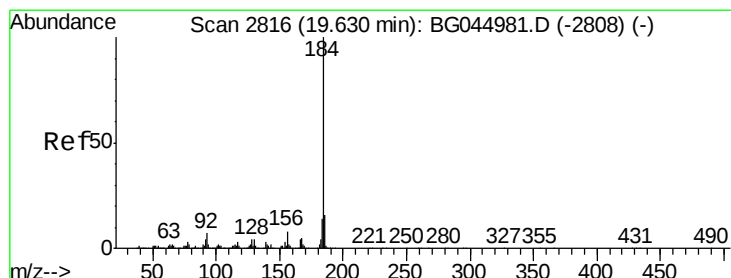
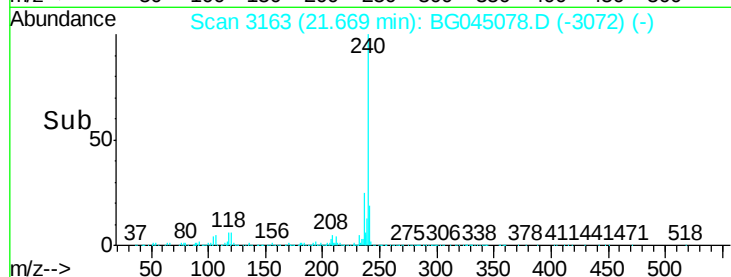
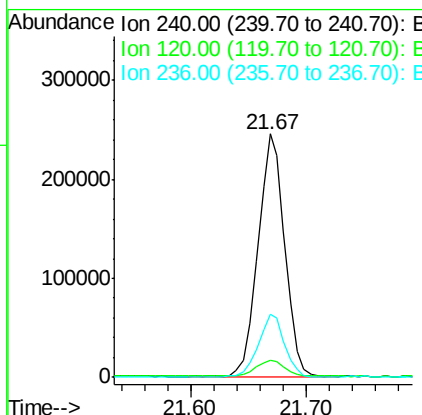
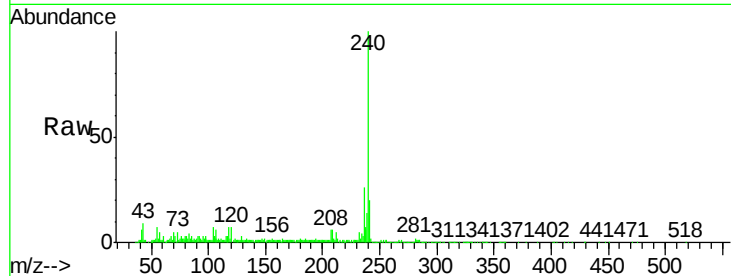




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

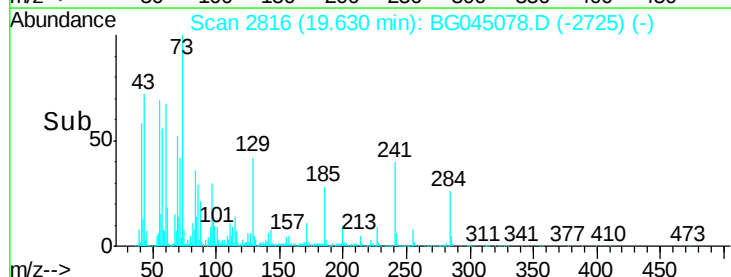
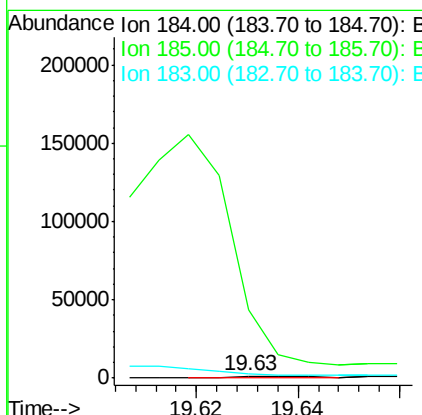
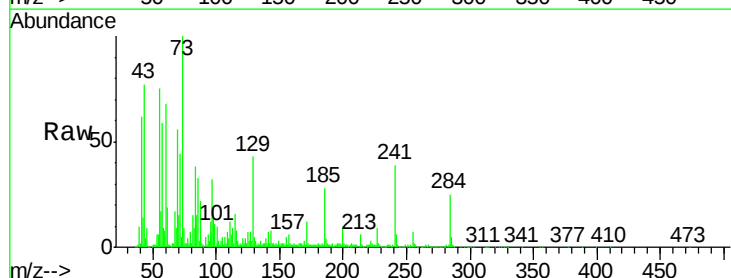
Instrument :
 BNA_G
 ClientSampleId :
 WC-B2

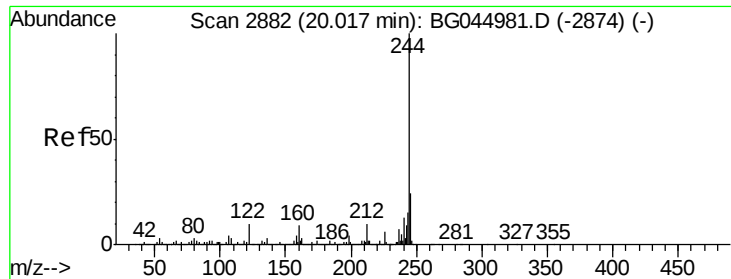
Tot Ion:240 Resp: 392857
 Ion Ratio Lower Upper
 240 100
 120 7.0 6.6 10.0
 236 25.9 22.2 33.2



#77
 Benzidine
 Concen: Below Cal
 RT: 19.63 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG045078.D
 Acq: 18 Apr 2020 22:20

Tgt Ion:184 Resp: 1164
 Ion Ratio Lower Upper
 184 100
 185 2981.4 12.6 19.0#
 183 193.3 11.3 16.9#





#79

Terphenyl-d14

Concen: 69.172 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

WC-B2

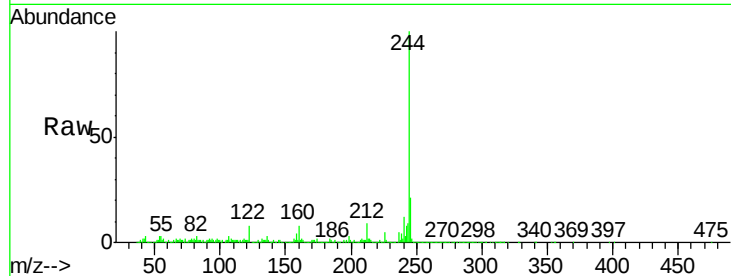
Tot Ion:244 Resp: 1246801

Ion Ratio Lower Upper

244 100

212 9.3 7.9 11.9

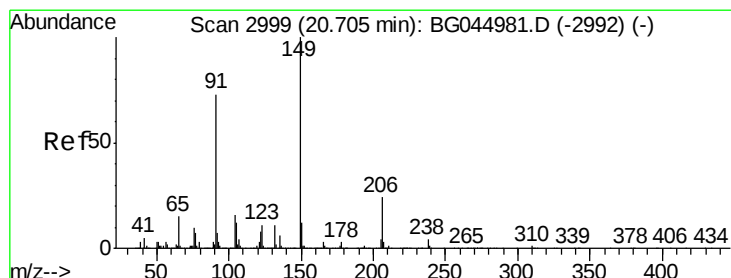
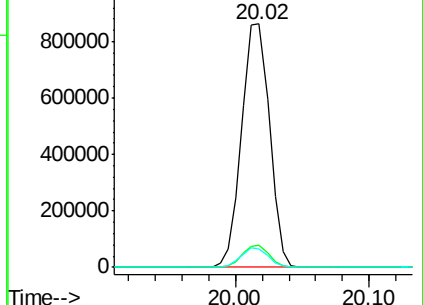
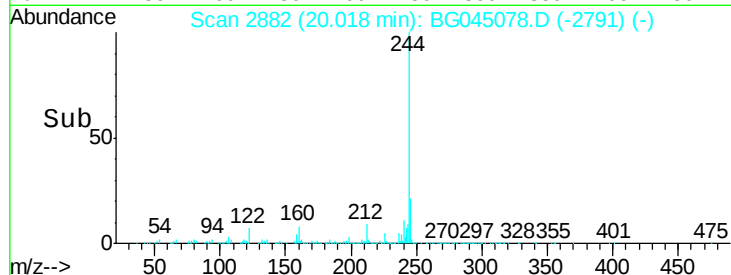
122 7.6 7.7 11.5#



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



#80

Butylbenzylphthalate

Concen: 6.210 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

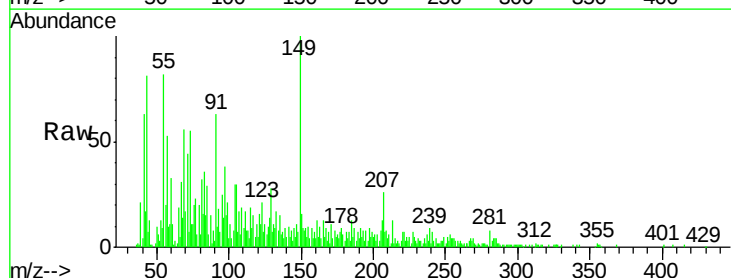
Tgt Ion:149 Resp: 69722

Ion Ratio Lower Upper

149 100

91 62.8 58.5 87.7

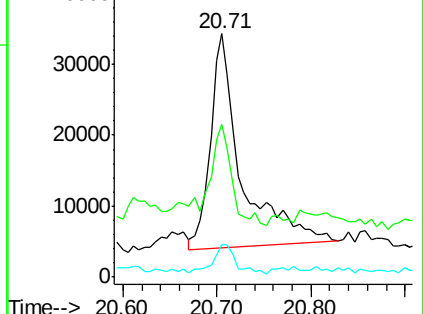
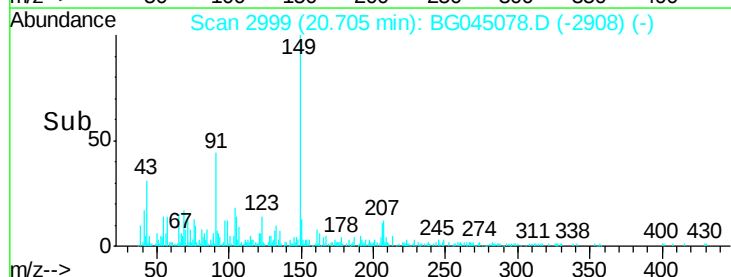
206 13.3 19.2 28.8#

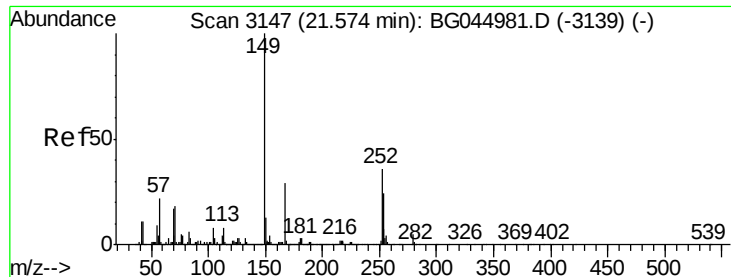


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.301 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

WC-B2

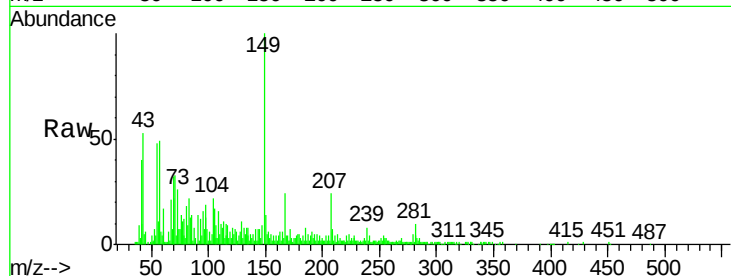
Tot Ion:149 Resp: 66405

Ion Ratio Lower Upper

149 100

167 24.0 23.4 35.0

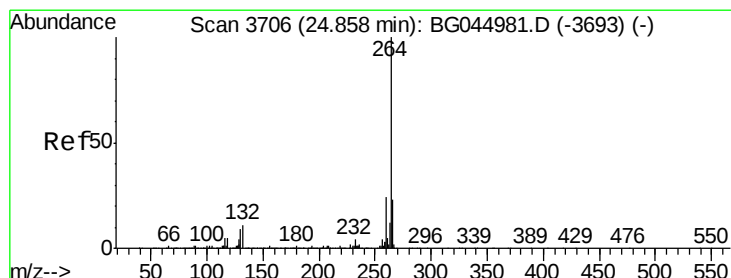
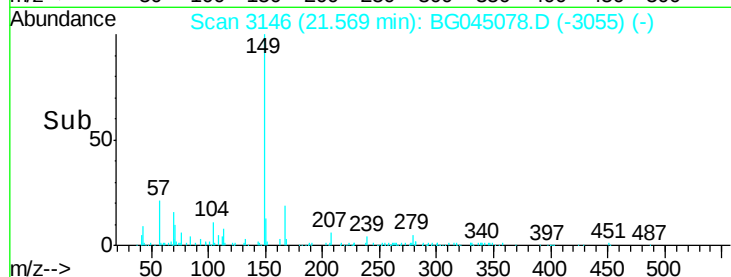
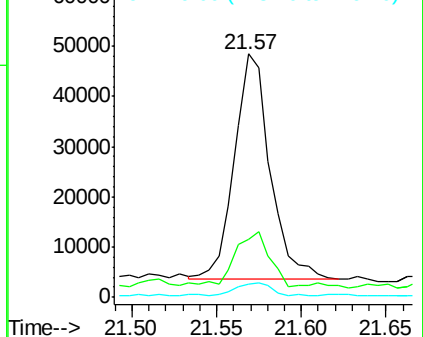
279 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG045078.D

Acq: 18 Apr 2020 22:20

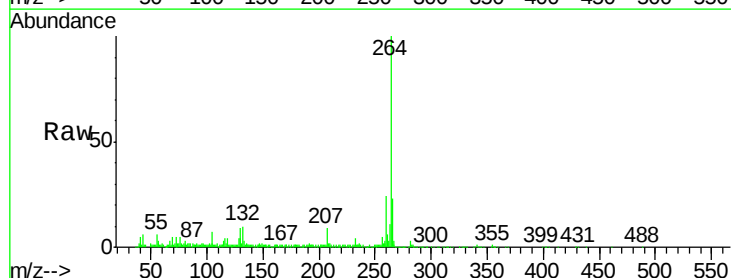
Tgt Ion:264 Resp: 434883

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.7 19.0 28.4



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

