

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
 Data File : BG045040.D
 Acq On : 17 Apr 2020 19:46
 Operator : CG/JU
 Sample : L2304-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B1

Quant Time: Apr 17 20:24:41 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	55761	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247714	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	199631	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	463688	20.00	ng	0.00
76) Chrysene-d12	21.66	240	439838	20.00	ng	0.00
87) Perylene-d12	24.85	264	468606	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	524015	155.15	ng	0.00
7) Phenol-d6	7.18	99	784093	156.25	ng	0.00
23) Nitrobenzene-d5	9.18	82	563518	103.80	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	489913	158.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1358950	99.82	ng	0.00
79) Terphenyl-d14	20.01	244	2202498	109.14	ng	0.00

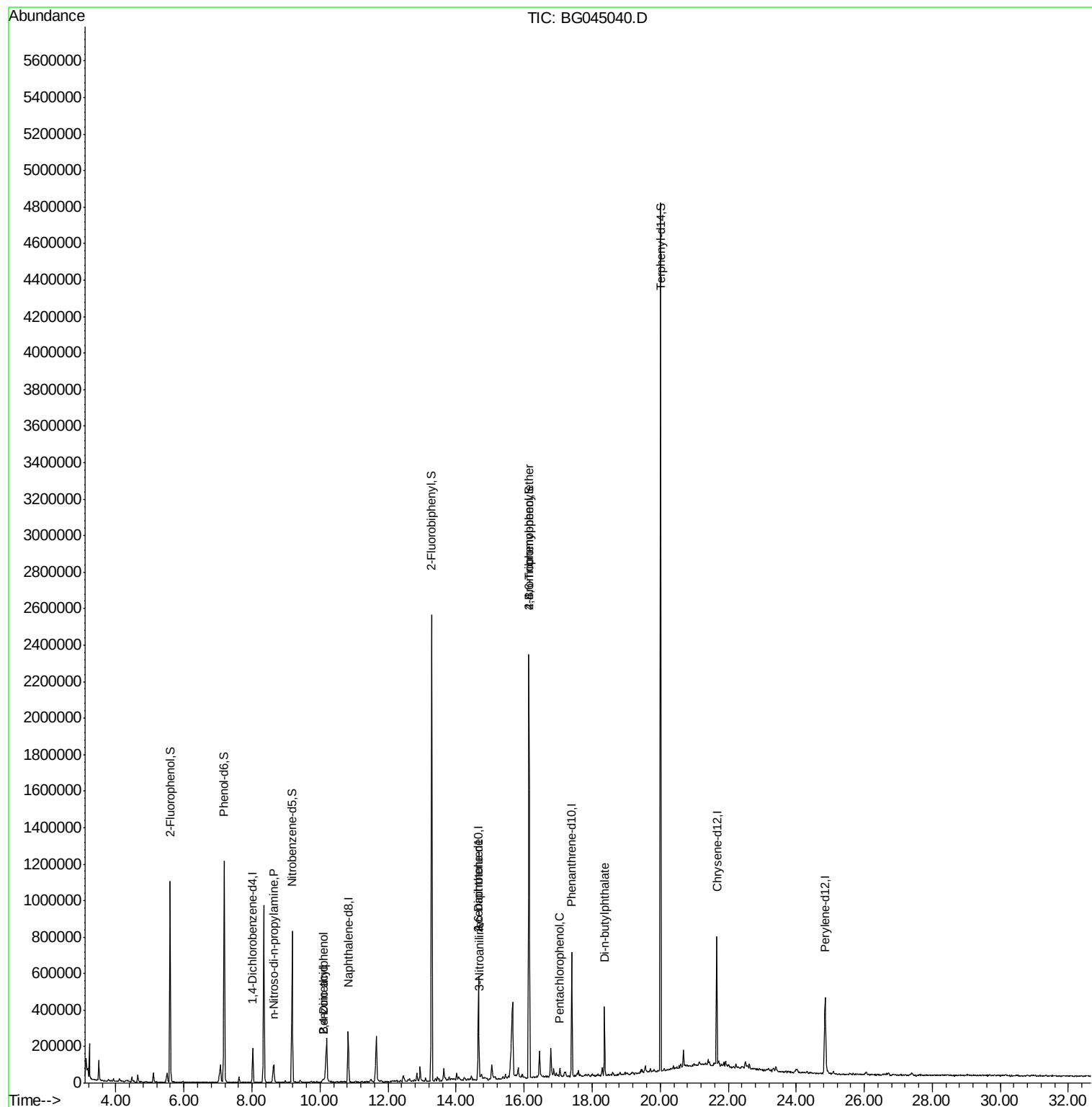
Target Compounds				Qvalue		
9) Benzaldehyde	7.19	77	2084	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	8.63	70	8954	2.523 ng	#	39
27) 2,4-Dimethylphenol	10.10	122	11223	2.951 ng	#	2
32) Benzoic acid	10.10	122	11223	9.541 ng	#	77
51) 2,6-Dinitrotoluene	14.65	165	26065	7.169 ng	#	25
53) 3-Nitroaniline	14.68	138	10923	2.739 ng	#	1
67) 4-Bromophenyl-phenylether	16.15	248	32264	5.394 ng	#	1
69) Atrazine	16.90	200	86	Below Cal	#	35
70) Pentachlorophenol	17.06	266	9616	2.527 ng	#	81
74) Di-n-butylphthalate	18.37	149	284751	5.450 ng		97
75) Fluoranthene	19.30	202	292	Below Cal		62
77) Benzidine	20.01	184	44653	Below Cal	#	93

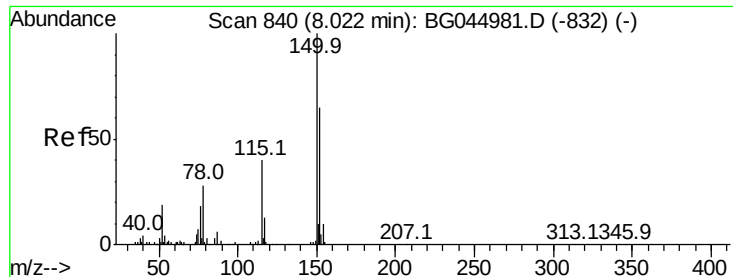
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
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Misc :
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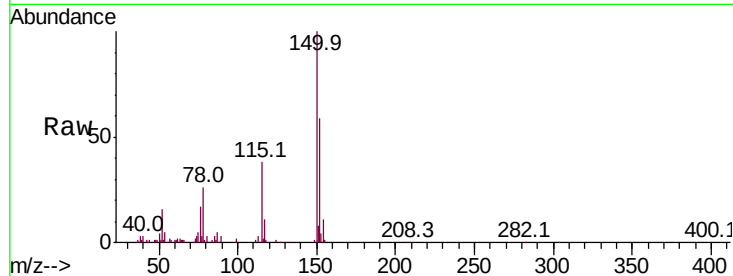


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.7	123.6	185.4
115	64.9	49.1	73.7

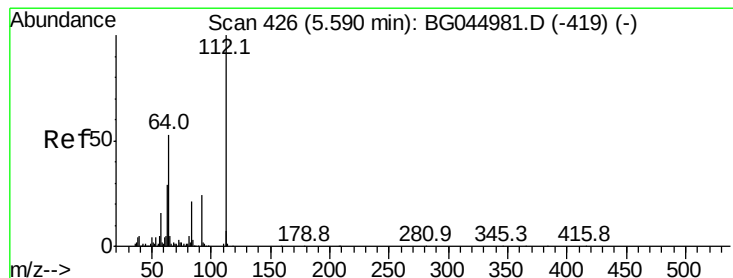
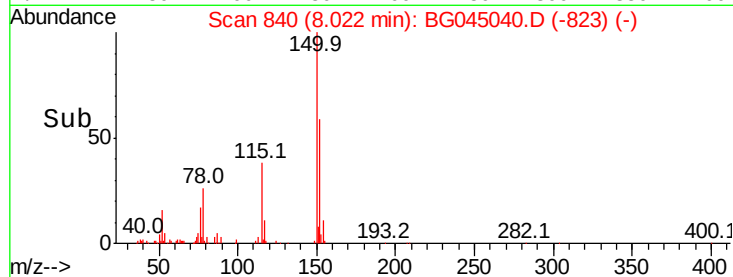
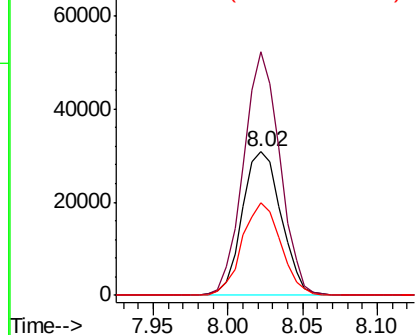


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

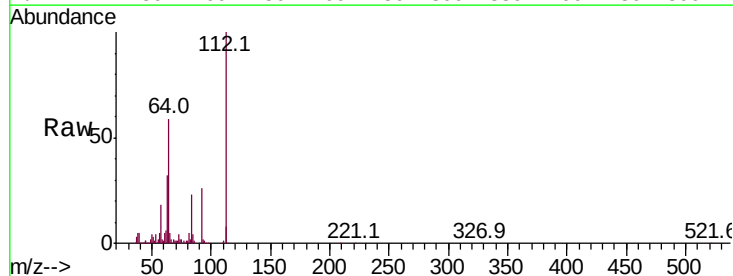
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.148 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	31.9	23.1	34.7

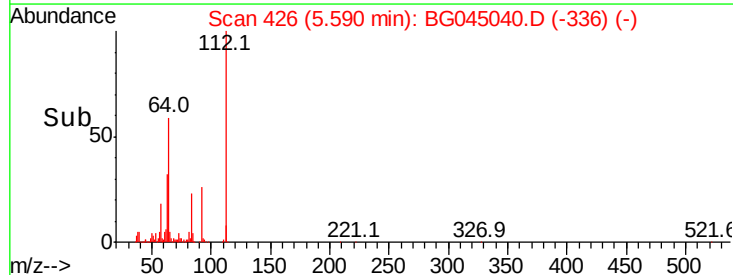
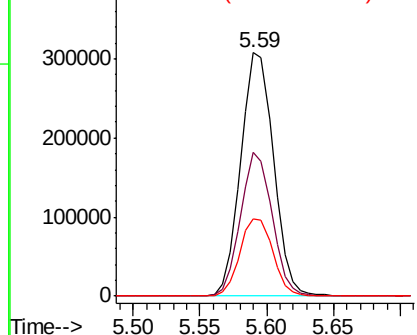


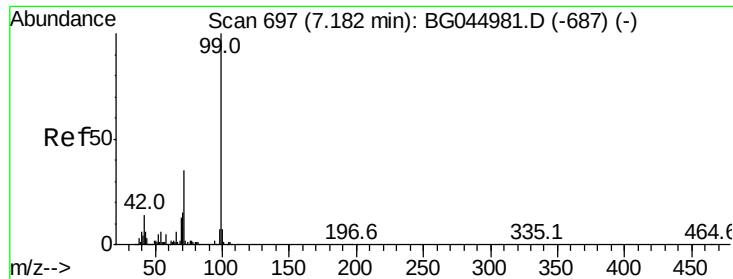
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 156.251 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

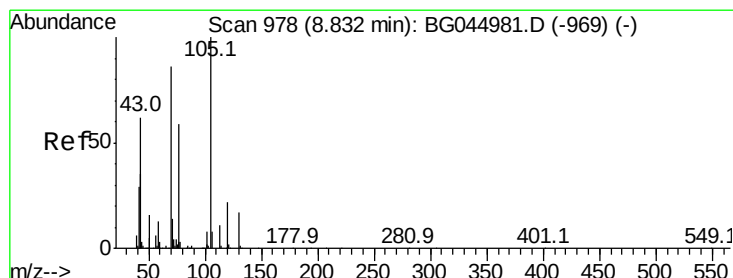
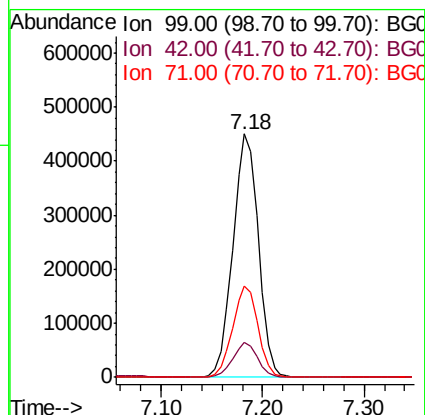
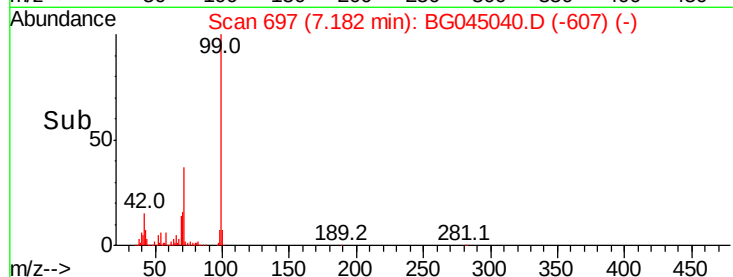
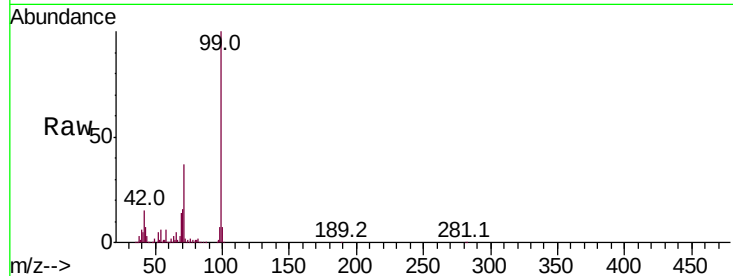
Tot Ion: 99 Resp: 784093

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 37.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.523 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.20 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Tgt Ion: 70 Resp: 8954

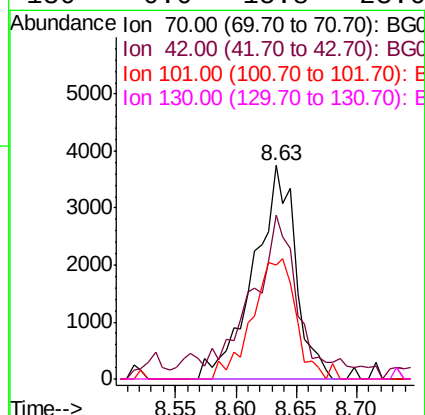
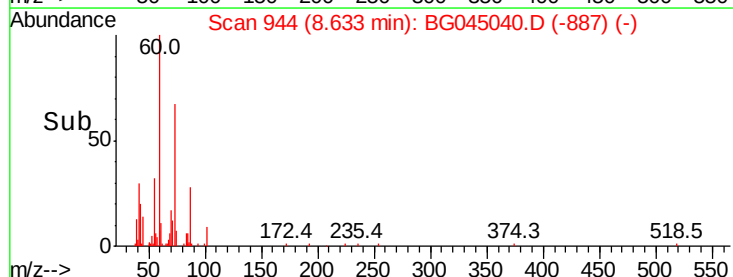
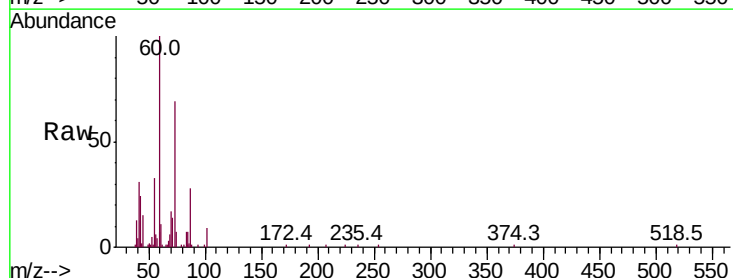
Ion Ratio Lower Upper

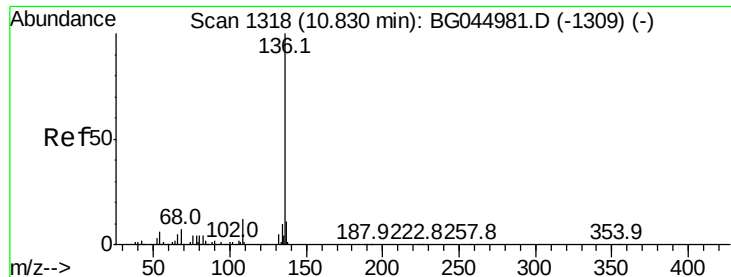
70 100

42 76.8 33.3 49.9#

101 53.2 7.8 11.8#

130 0.0 15.8 23.6#

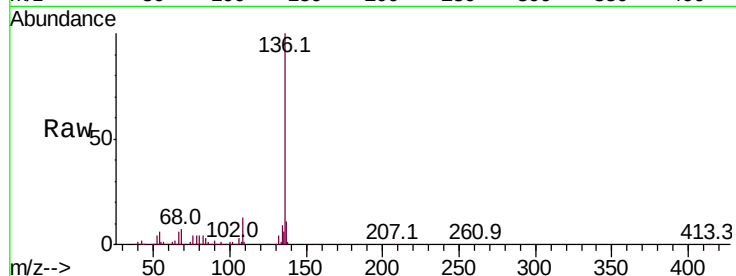




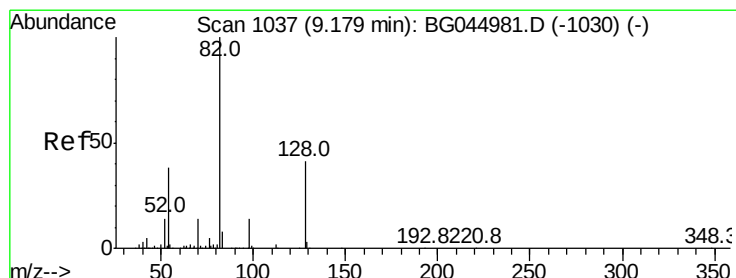
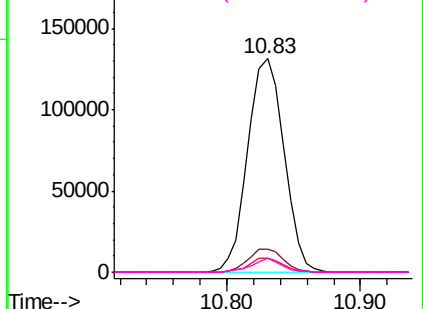
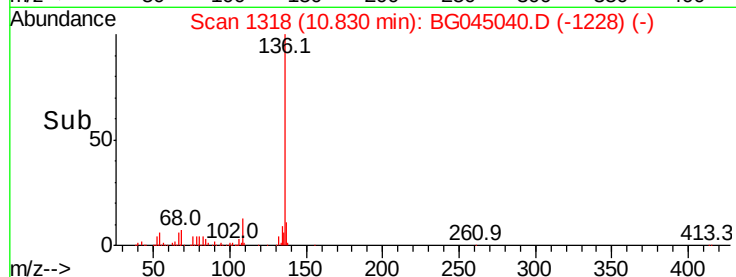
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion:	136	Resp:	247714
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.3	4.8	7.2
68	6.9	5.2	7.8

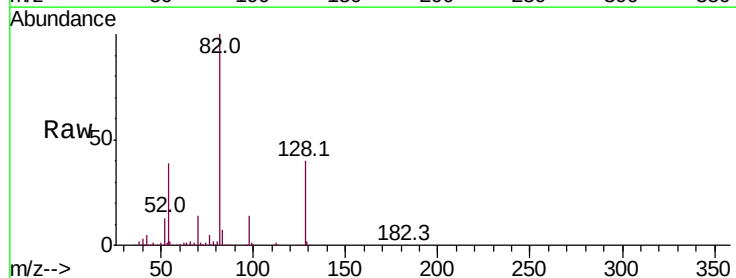


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

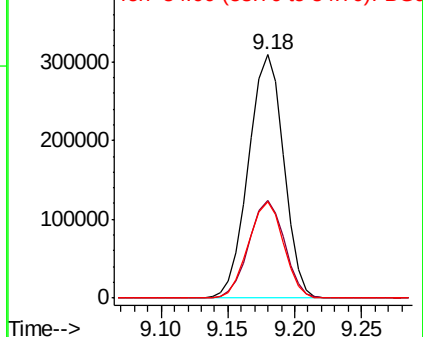
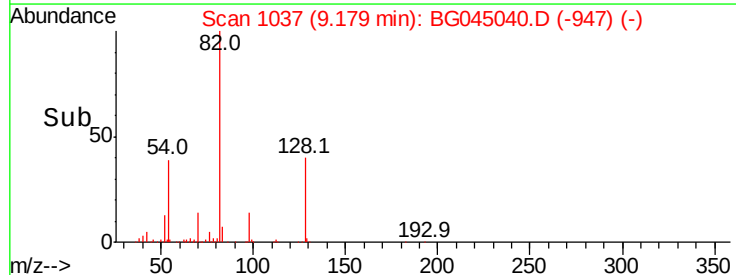


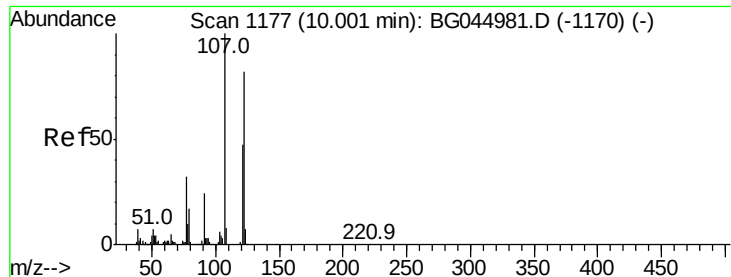
#23
Nitrobenzene-d5
Concen: 103.800 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:	82	Resp:	563518
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.0	49.4
54	39.4	30.4	45.6



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

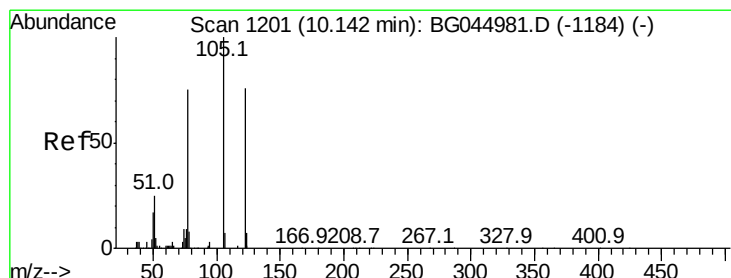
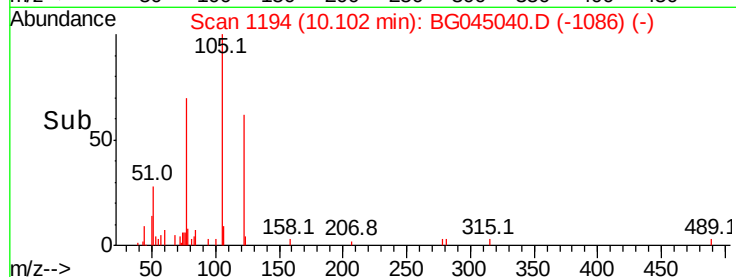
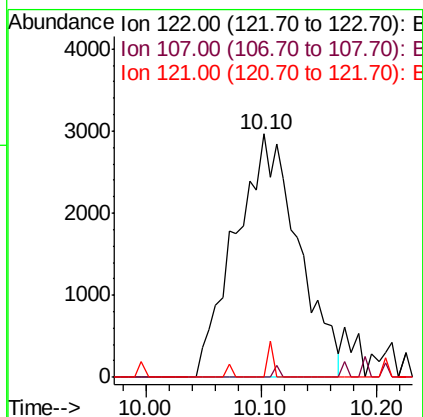
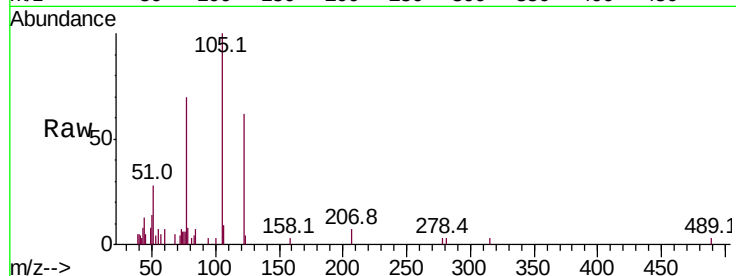




#27
2,4-Dimethylphenol
Concen: 2.951 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.10 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

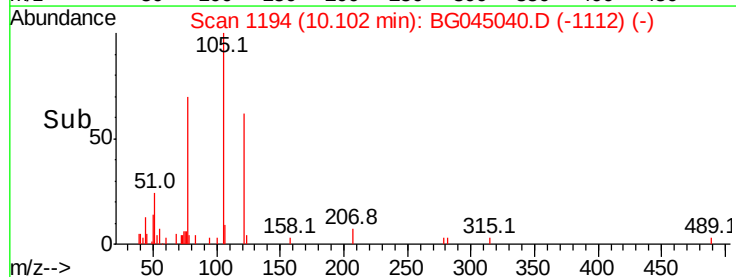
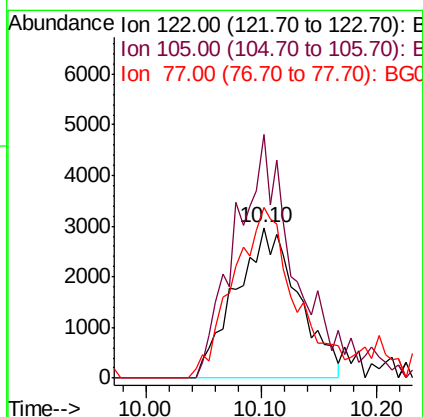
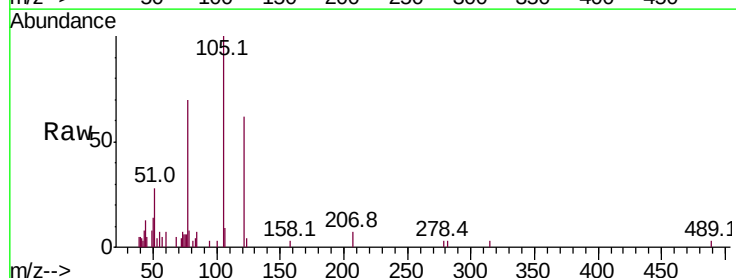
Instrument :
BNA_G
ClientSampleId :
WC-B1

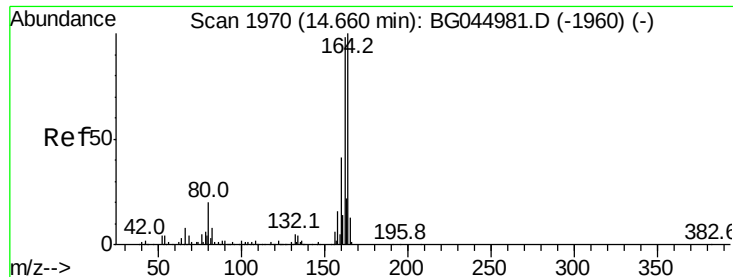
Tot Ion:122 Resp: 11223
Ion Ratio Lower Upper
122 100
107 0.0 96.8 145.2#
121 0.0 45.6 68.4#



#32
Benzoic acid
Concen: 9.541 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:122 Resp: 11223
Ion Ratio Lower Upper
122 100
105 162.1 108.4 148.4#
77 113.9 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: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

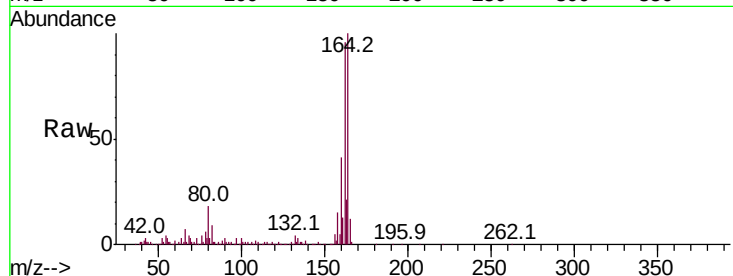
Tot Ion:164 Resp: 199631

Ion Ratio Lower Upper

164 100

162 95.6 78.7 118.1

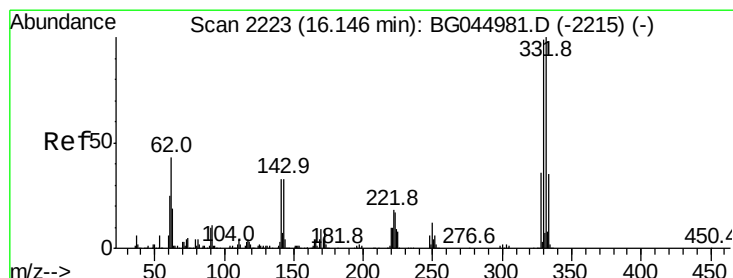
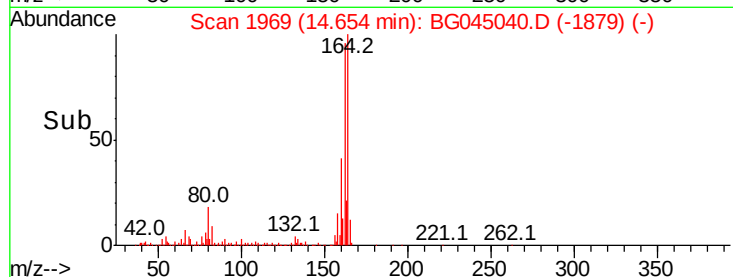
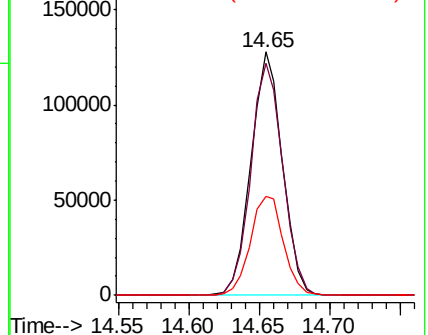
160 40.6 32.8 49.2



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: 158.854 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

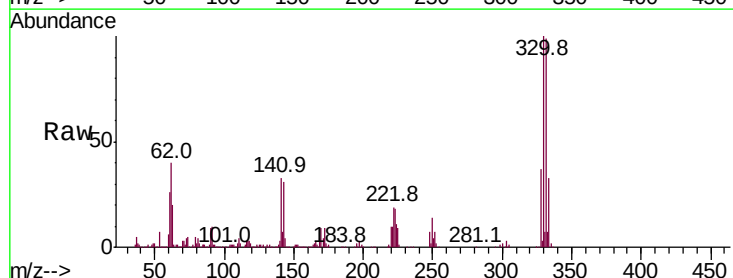
Tgt Ion:330 Resp: 489913

Ion Ratio Lower Upper

330 100

332 98.4 79.1 118.7

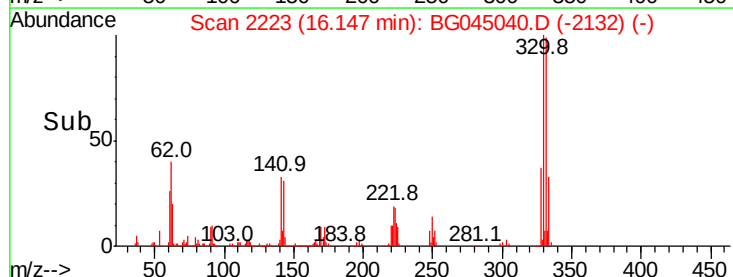
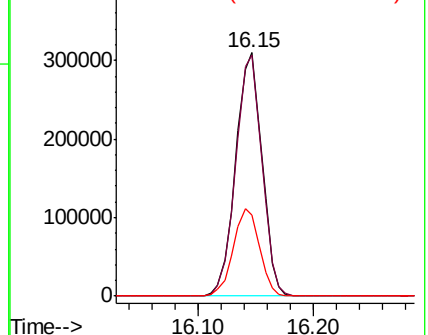
141 35.8 27.1 40.7

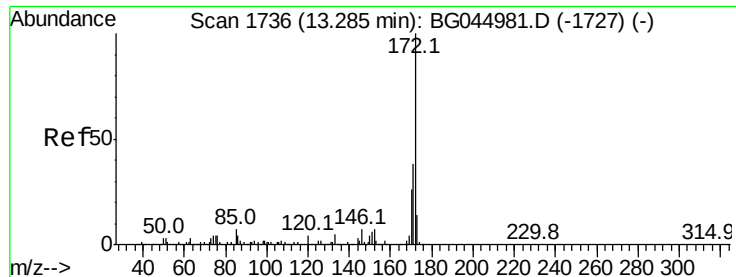


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 99.817 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

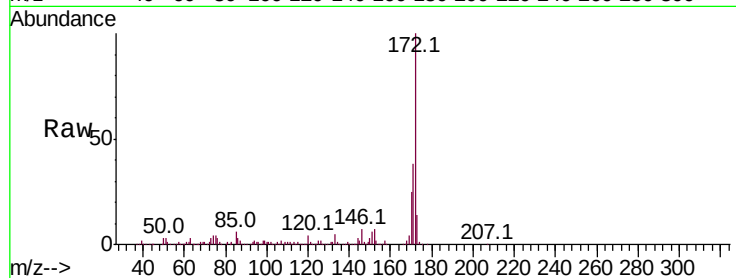
Tot Ion:172 Resp: 1358950

Ion Ratio Lower Upper

172 100

171 37.9 30.6 46.0

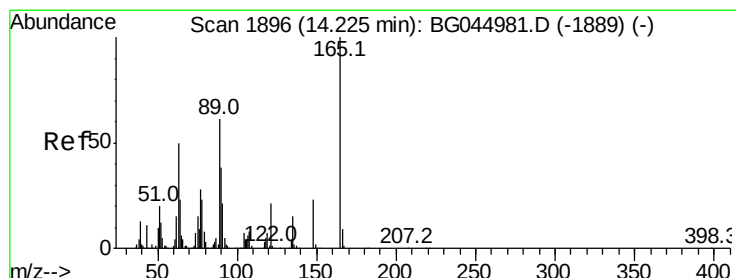
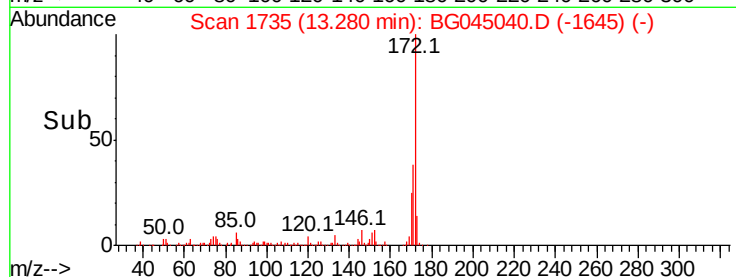
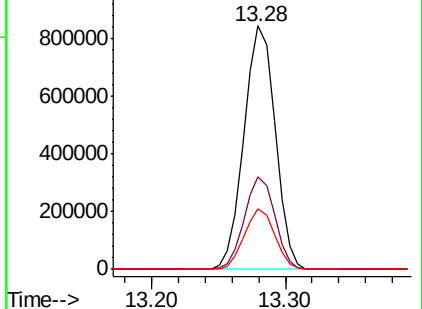
170 24.6 20.5 30.7



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



#51

2,6-Dinitrotoluene

Concen: 7.169 ng

RT: 14.65 min Scan# 1969

Delta R.T. 0.43 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

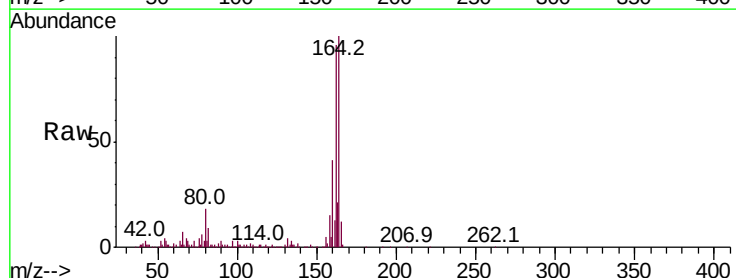
Tgt Ion:165 Resp: 26065

Ion Ratio Lower Upper

165 100

63 0.0 40.4 60.6#

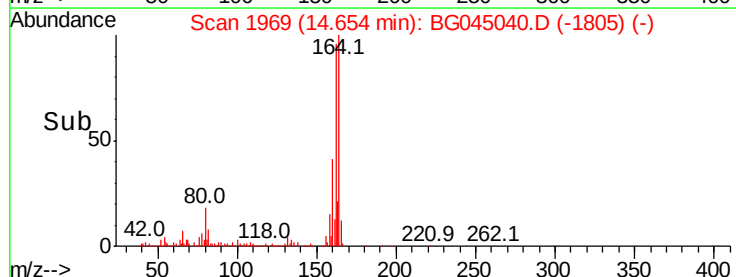
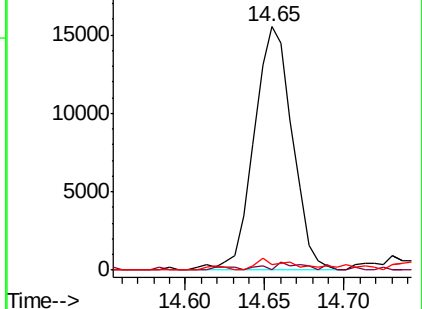
89 2.1 49.1 73.7#

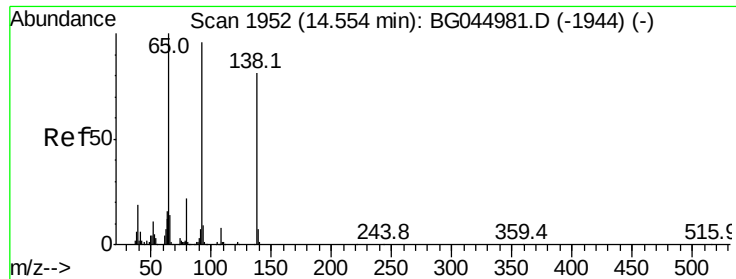


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

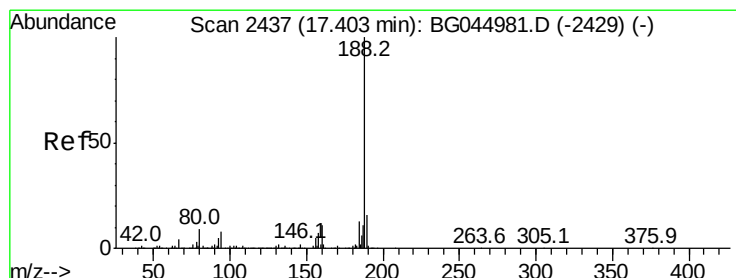
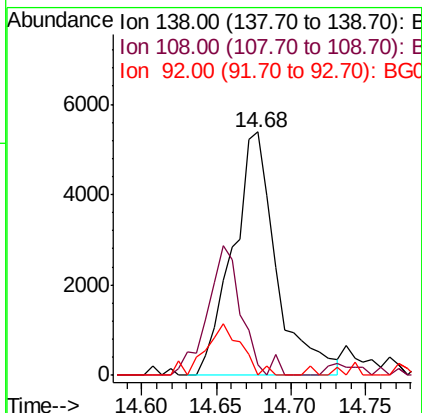
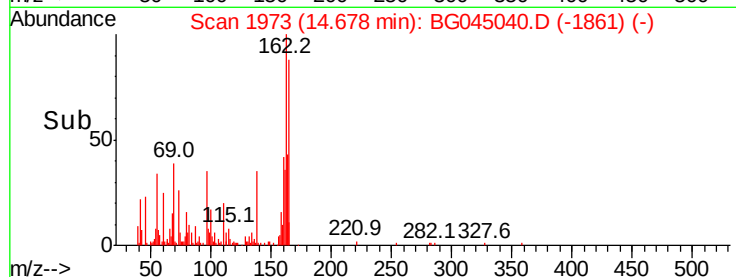
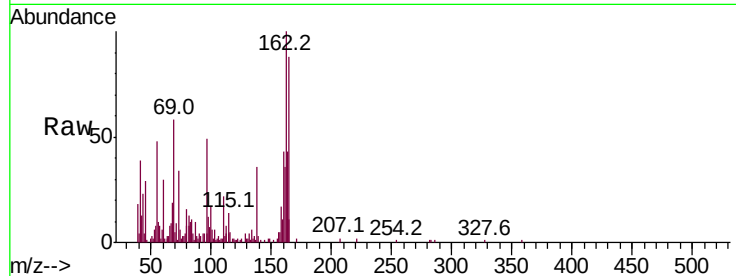




#53
3-Nitroaniline
Concen: 2.739 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.13 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

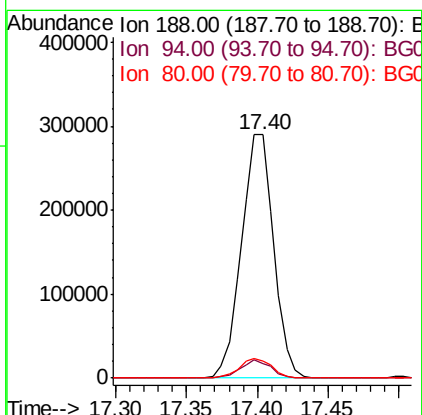
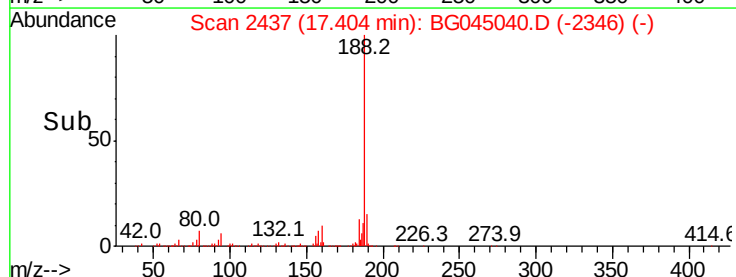
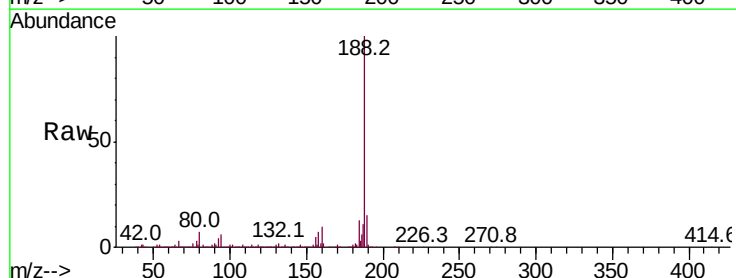
Instrument :
BNA_G
ClientSampleId :
WC-B1

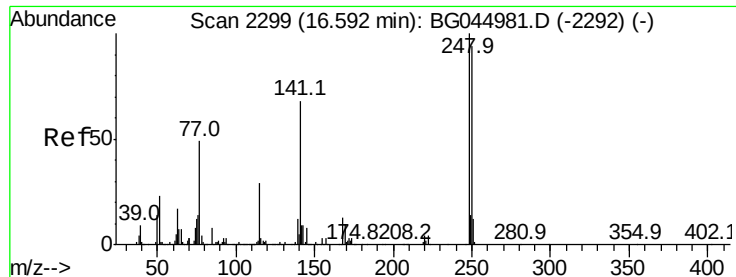
Tot Ion:138 Resp: 10923
Ion Ratio Lower Upper
138 100
108 4.3 7.8 11.8#
92 0.0 94.5 141.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:188 Resp: 463688
Ion Ratio Lower Upper
188 100
94 6.2 6.2 9.4#
80 7.2 7.0 10.6

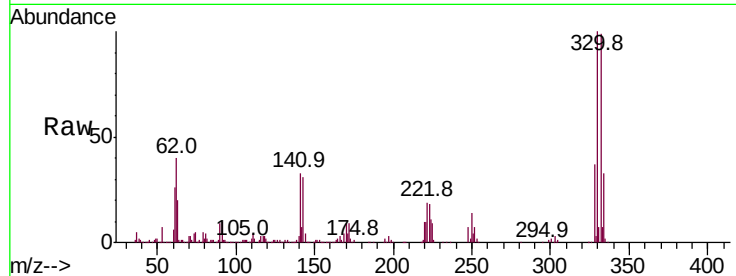




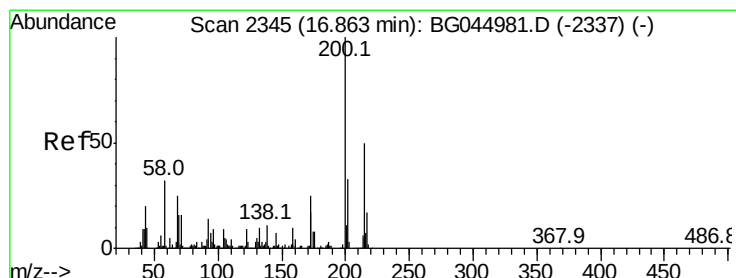
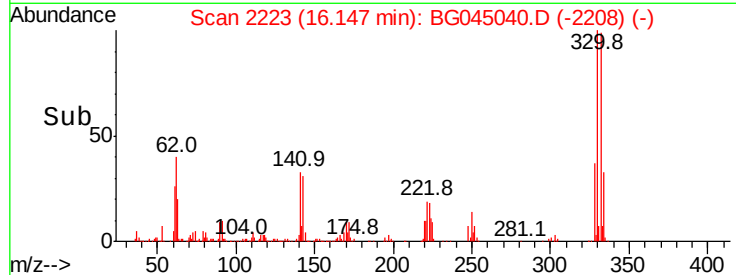
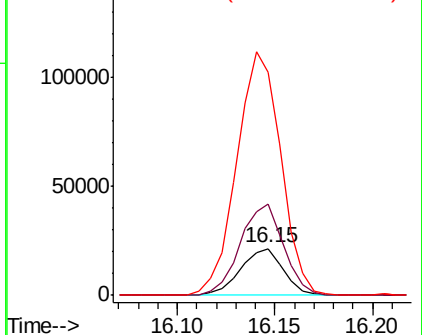
#67
4-Bromophenyl-phenylether
Concen: 5.394 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.44 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Instrument :
BNA_G
ClientSampled :
WC-B1

Tot Ion:248 Resp: 32264
Ion Ratio Lower Upper
248 100
250 197.3 75.4 113.2#
141 480.4 54.4 81.6#

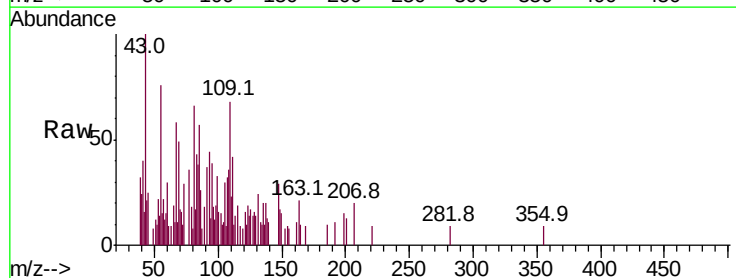


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

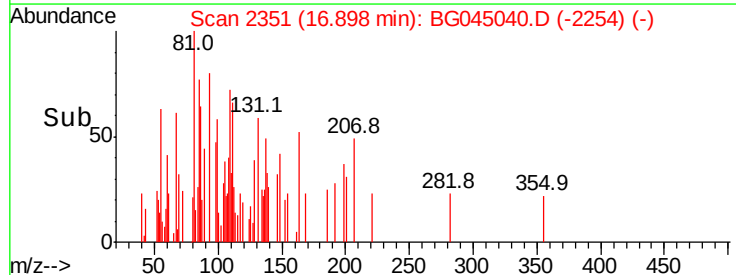
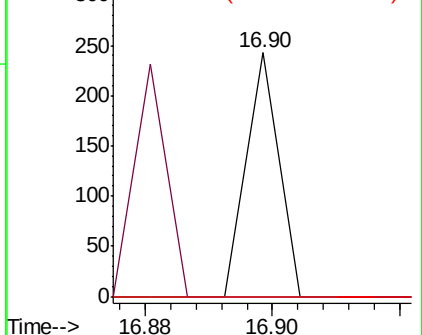


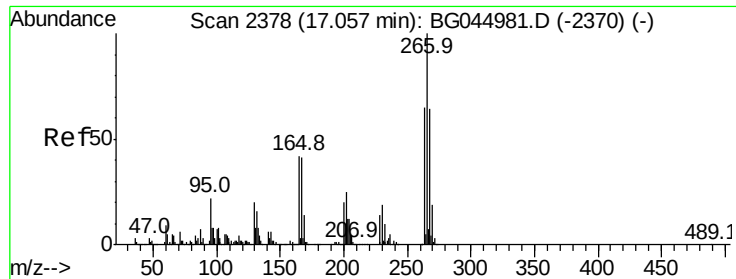
#69
Atrazine
Concen: Below Cal
RT: 16.90 min Scan# 2351
Delta R.T. 0.04 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:200 Resp: 86
Ion Ratio Lower Upper
200 100
173 0.0 4.5 44.5#
215 0.0 30.0 70.0#



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

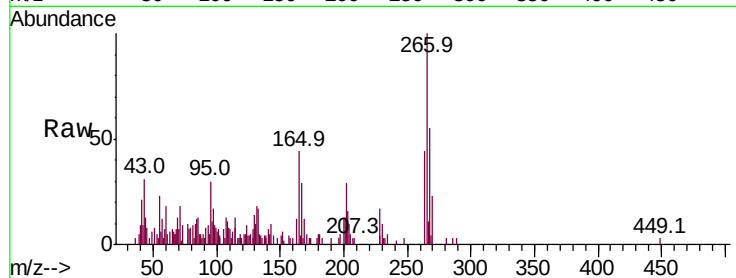




#70
 Pentachlorophenol
 Concen: 2.527 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

Instrument :
 BNA_G
 ClientSampleID :
 WC-B1

Tot Ion	Ratio	Lower	Upper
266	100		
268	55.0	51.5	77.3
264	44.2	52.2	78.4

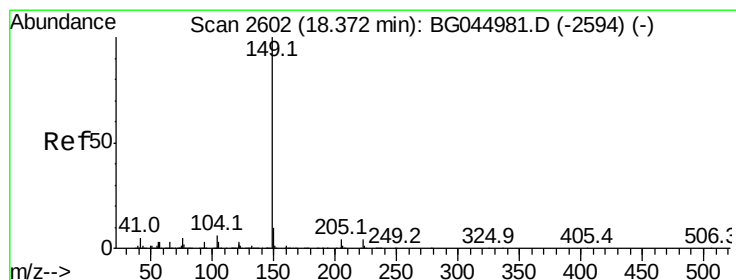
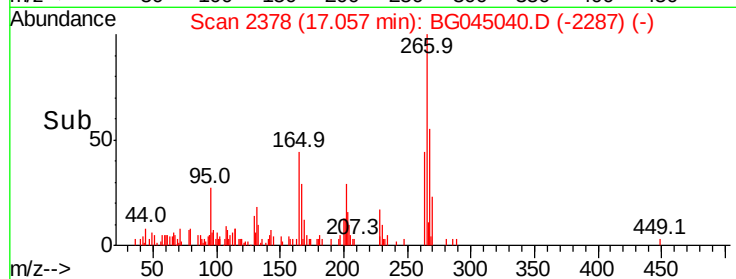
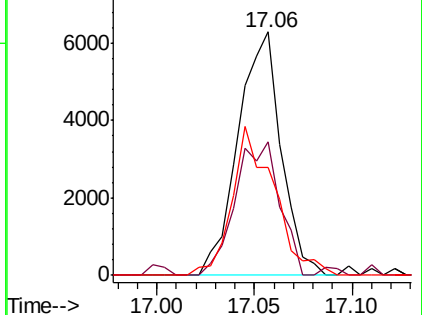


Abundance

Ion 265.70 (265.40 to 266.40): E

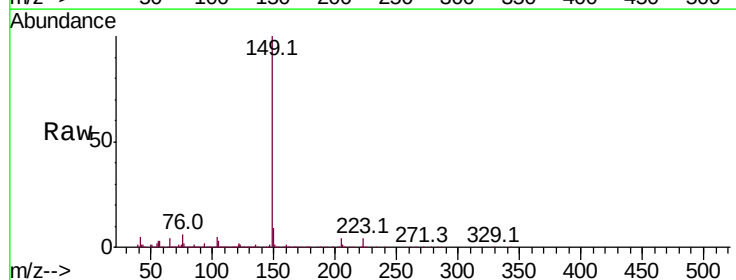
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#74
 Di-n-butylphthalate
 Concen: 5.450 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.2	12.2
104	5.2	4.8	7.2

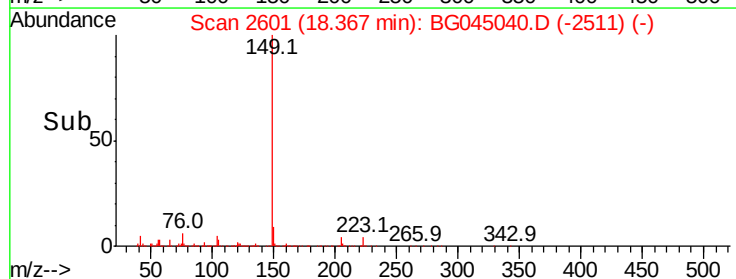
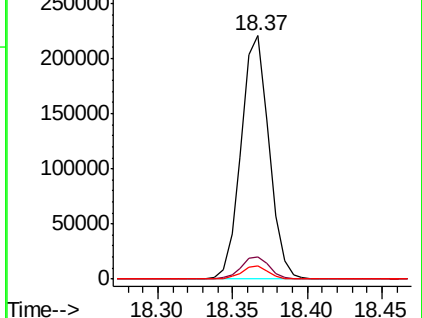


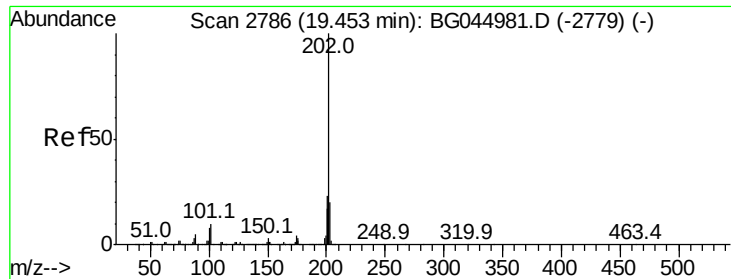
Abundance

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: 19.30 min Scan# 2759

Delta R.T. -0.16 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

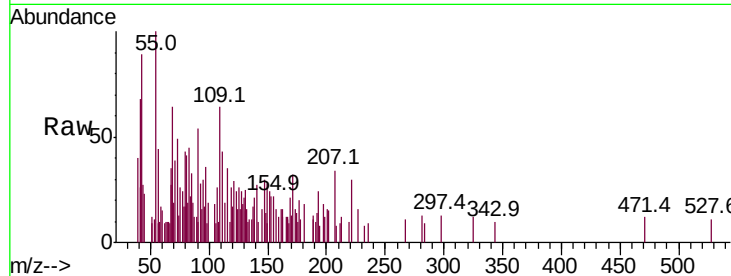
Tot Ion:202 Resp: 292

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

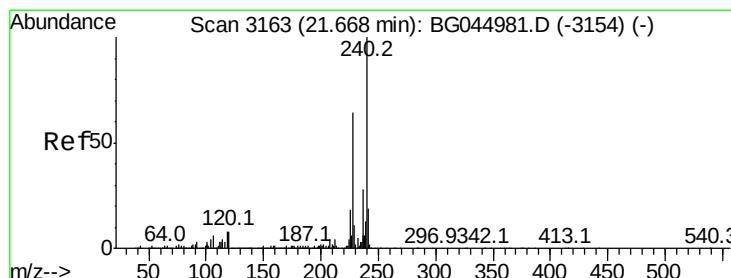
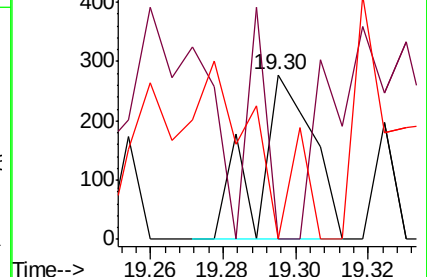
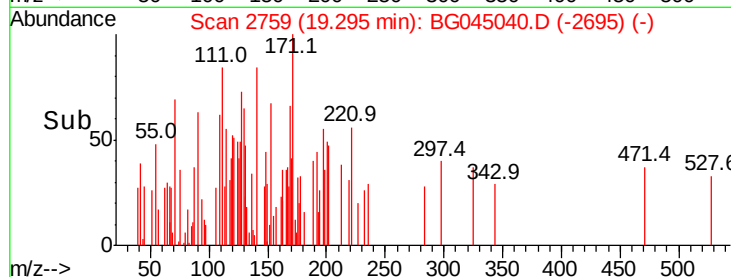
203 0.0 0.0 39.7



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

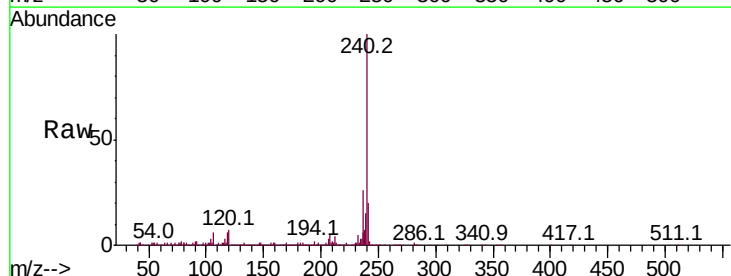
Tgt Ion:240 Resp: 439838

Ion Ratio Lower Upper

240 100

120 6.7 6.6 10.0

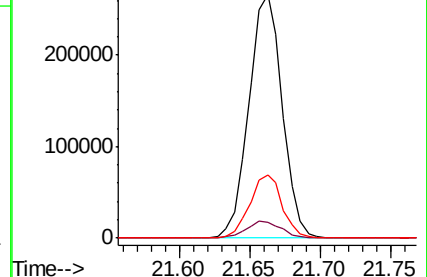
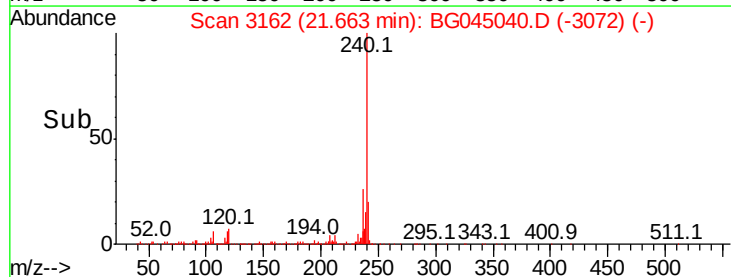
236 25.8 22.2 33.2

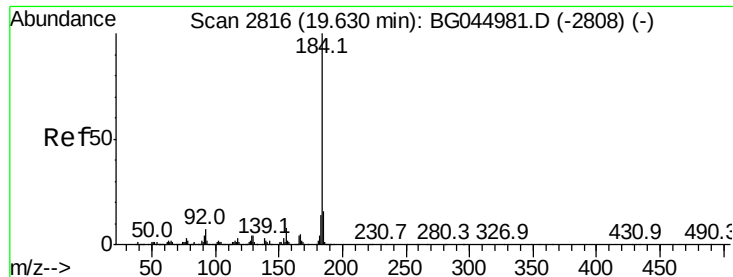


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

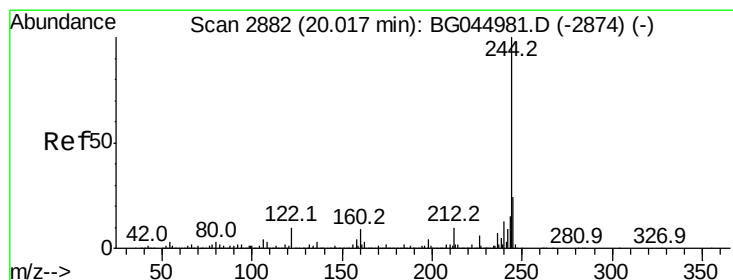
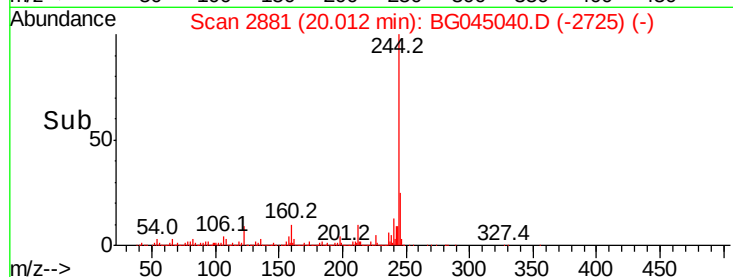
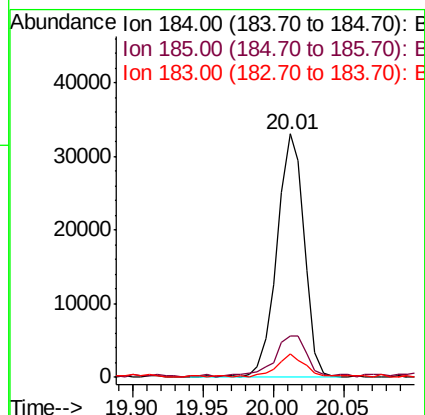
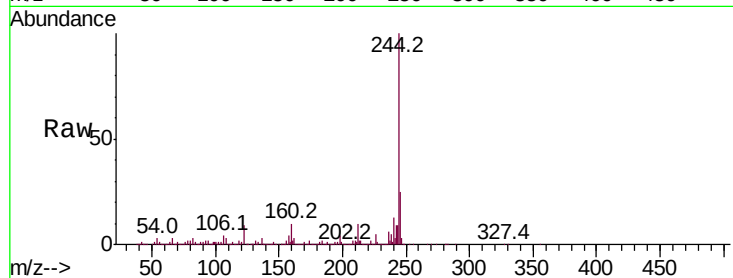
Tot Ion:184 Resp: 44653

Ion Ratio Lower Upper

184 100

185 17.2 12.6 19.0

183 9.4 11.3 16.9#



#79

Terphenyl-d14

Concen: 109.142 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

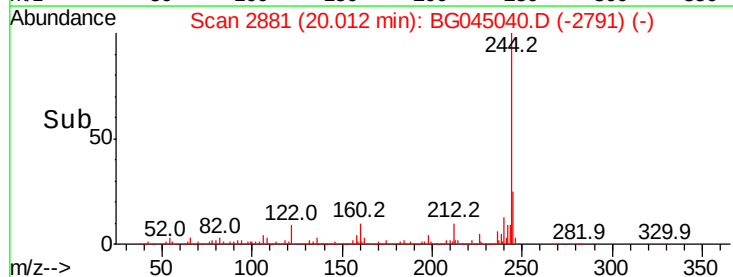
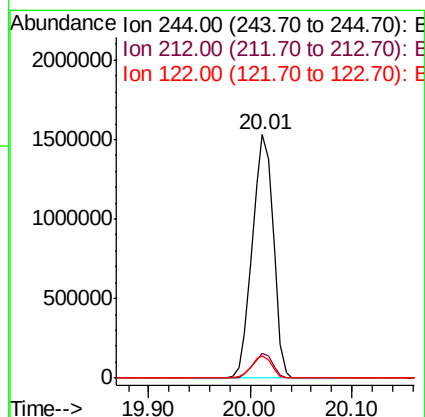
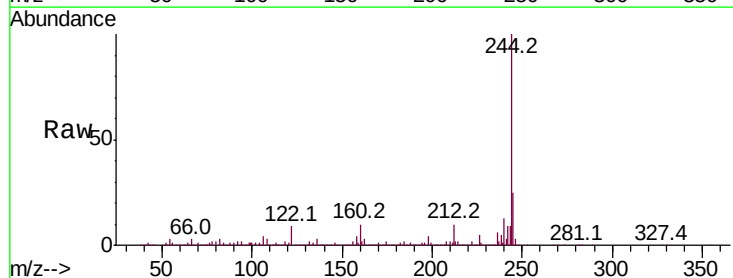
Tgt Ion:244 Resp: 2202498

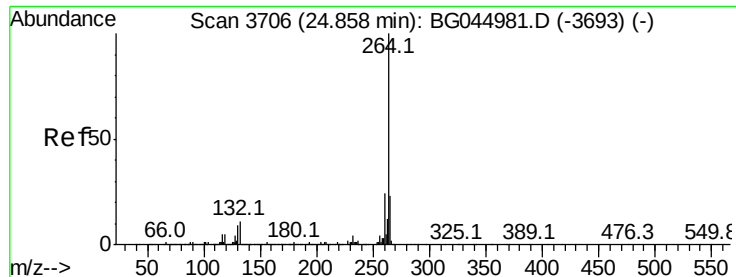
Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

122 9.1 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.2	19.0	28.4

