

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046540.D
 Acq On : 4 Sep 2020 14:36
 Operator : CG/JU
 Sample : L3910-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPBH-01

Quant Time: Sep 04 15:33:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

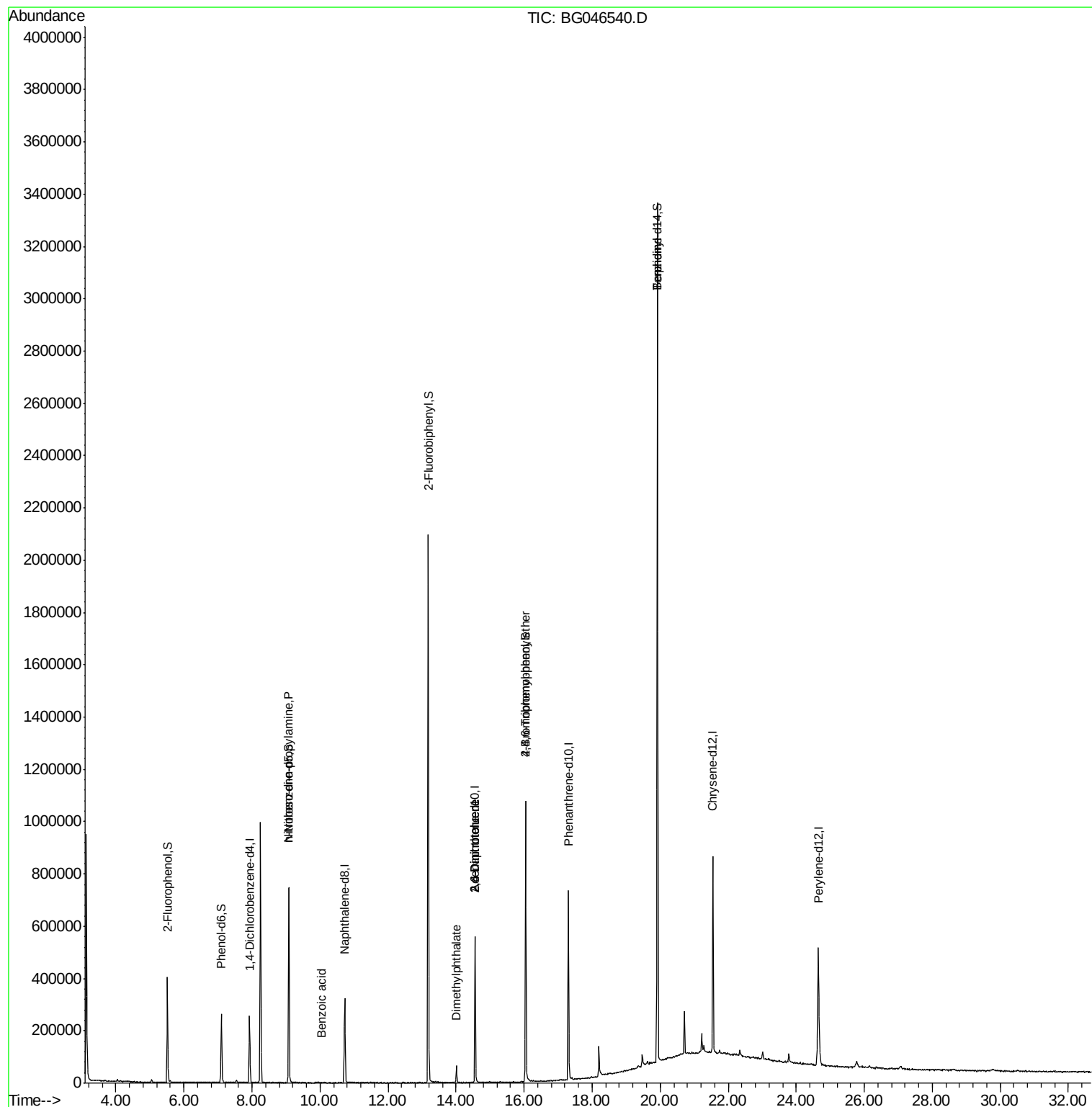
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77243	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	299818	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	203640	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	481798	20.00	ng	0.00
76) Chrysene-d12	21.55	240	479084	20.00	ng	0.00
86) Perylene-d12	24.65	264	479315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	192320	44.10	ng	0.00
7) Phenol-d6	7.10	99	169480	27.41	ng	0.00
23) Nitrobenzene-d5	9.09	82	482468	91.97	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	225959	81.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1181651	88.58	ng	0.00
79) Terphenyl-d14	19.92	244	1619896	71.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	61506	16.632	ng	# 76
32) Benzoic acid	10.05	122	61	4.495	ng	# 34
50) Dimethylphthalate	14.01	163	52036	3.303	ng	# 97
51) 2,6-Dinitrotoluene	14.56	165	27064	7.793	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	27064	5.465	ng	# 34
67) 4-Bromophenyl-phenylether	16.04	248	16990	3.023	ng	# 1
77) Benzidine	19.92	184	24504	2.201	ng	# 91

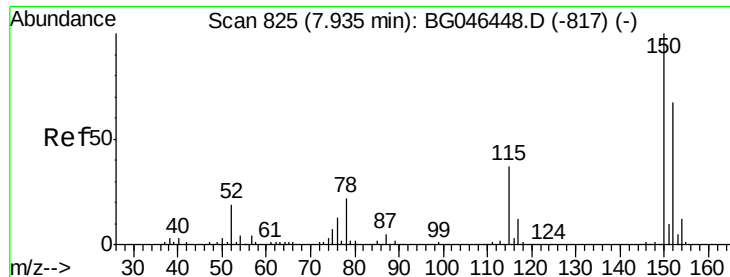
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
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Response via : Initial Calibration



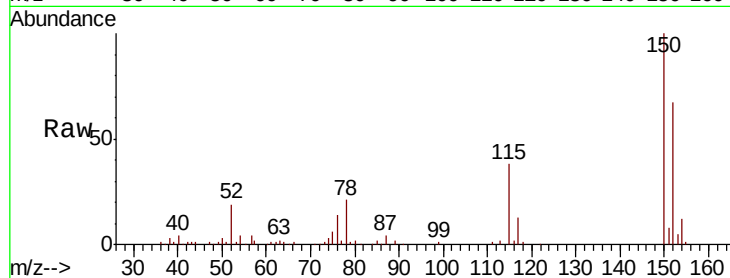


#1

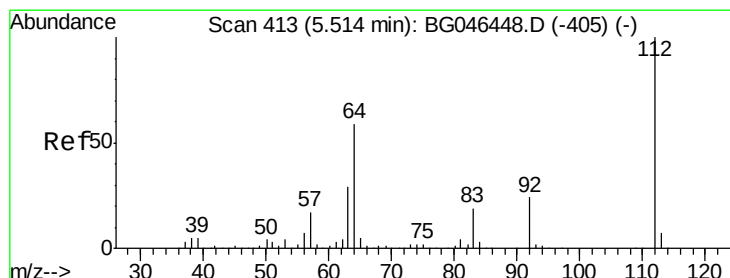
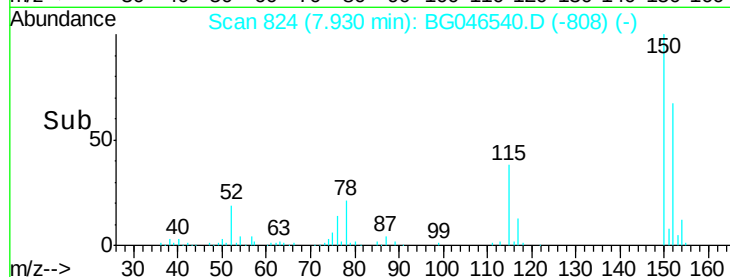
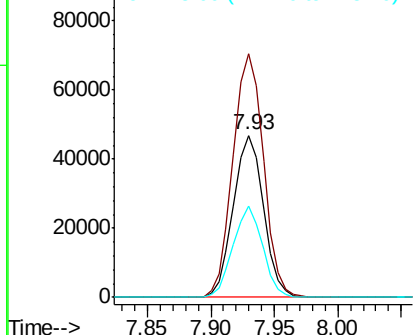
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

Instrument :
BNA_G
ClientSampleId :
LPBH-01

Tot Ion:152 Resp: 77243
Ion Ratio Lower Upper
152 100
150 150.1 119.5 179.3
115 56.4 44.3 66.5



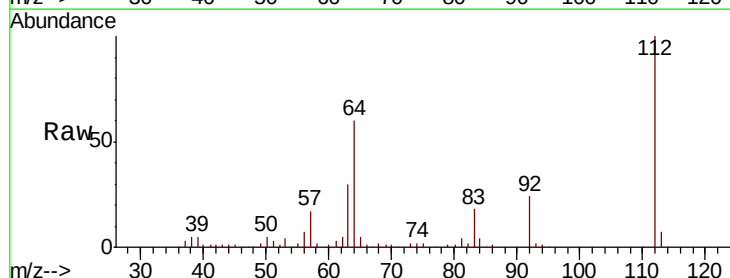
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



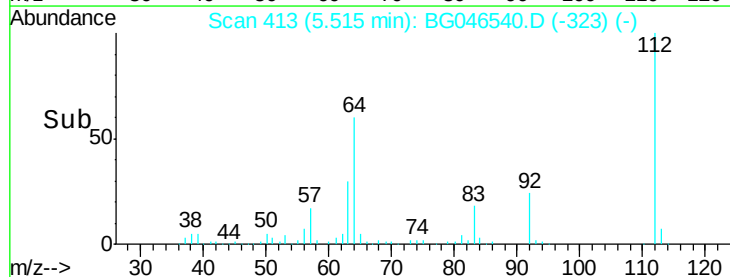
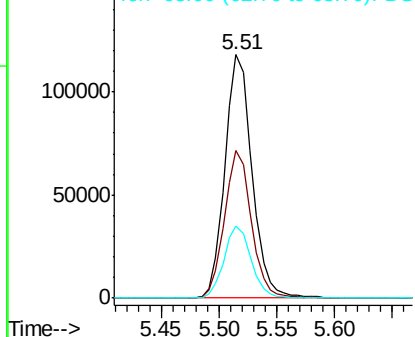
#5

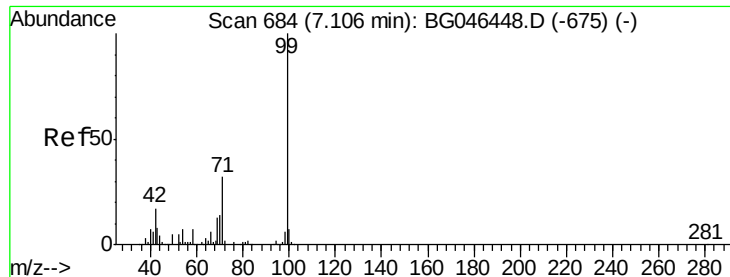
2-Fluorophenol
Concen: 44.099 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

Tgt Ion:112 Resp: 192320
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 29.6 23.5 35.3



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: 27.414 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Instrument :

BNA_G

ClientSampleId :

LPBH-01

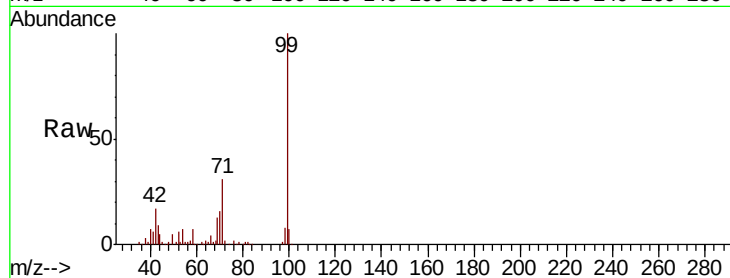
Tot Ion: 99 Resp: 169480

Ion Ratio Lower Upper

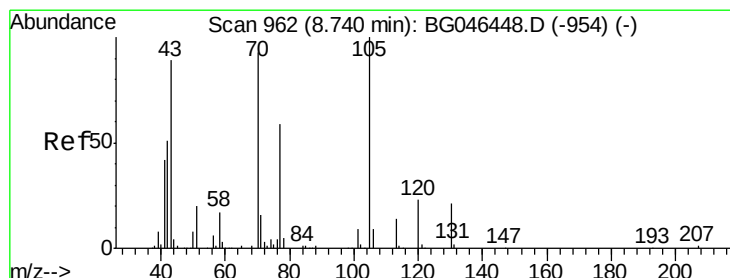
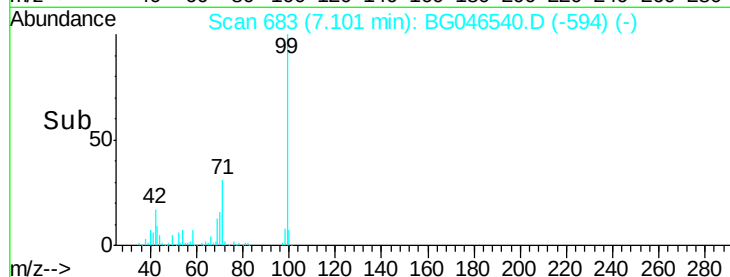
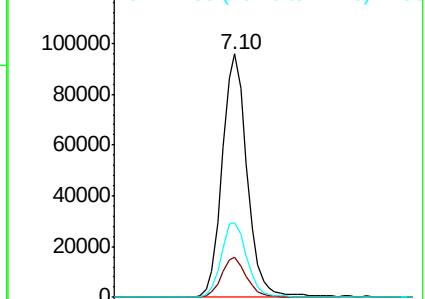
99 100

42 16.7 13.3 19.9

71 30.7 25.3 37.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.632 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Tgt Ion: 70 Resp: 61506

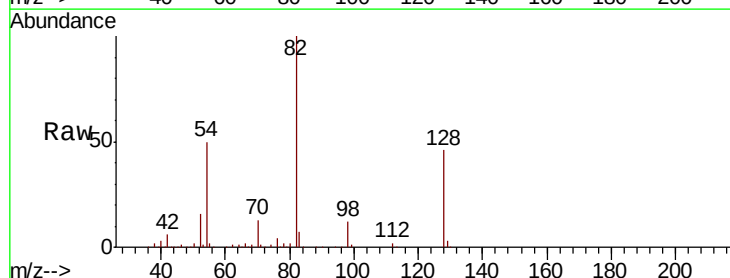
Ion Ratio Lower Upper

70 100

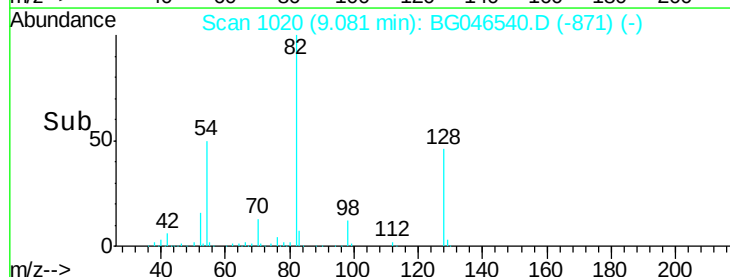
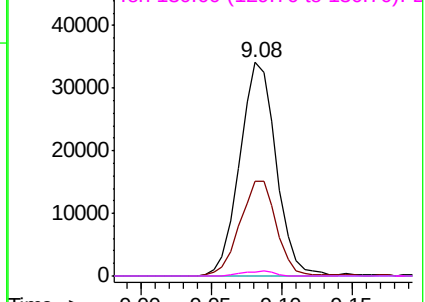
42 44.3 44.2 66.2

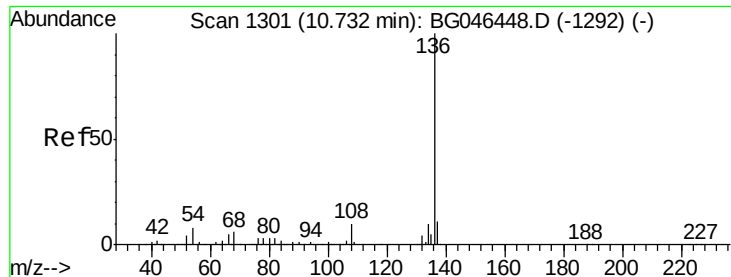
101 0.0 7.8 11.8#

130 2.0 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

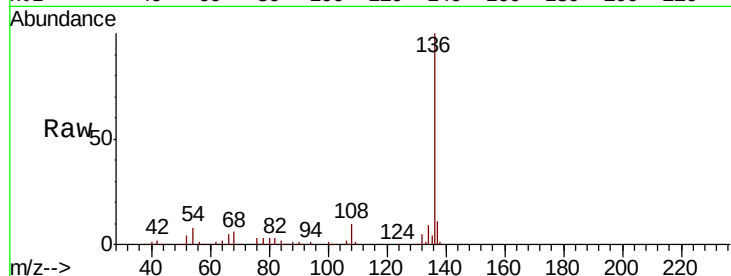




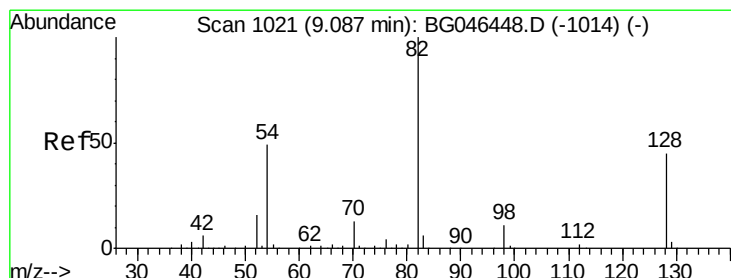
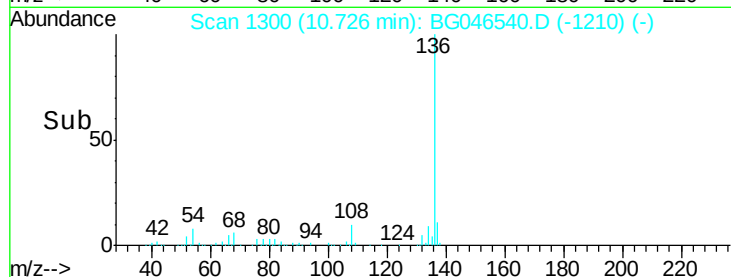
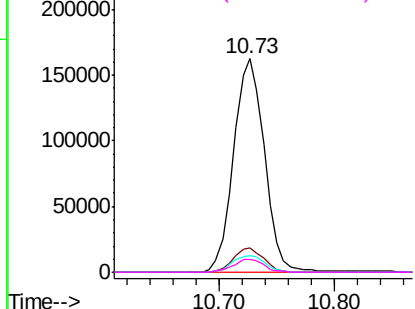
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

Instrument :
BNA_G
ClientSampled :
LPBH-01

Tot Ion:136	Resp:	299818
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	8.1	6.1 9.1
68	5.9	4.8 7.2

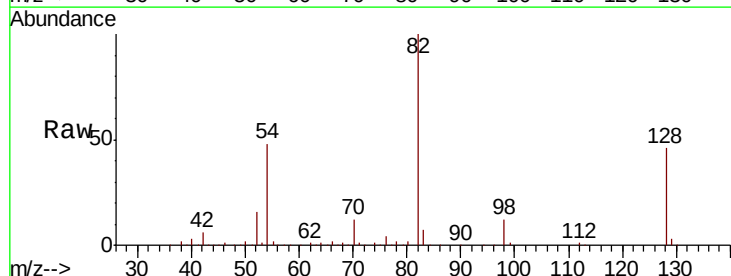


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

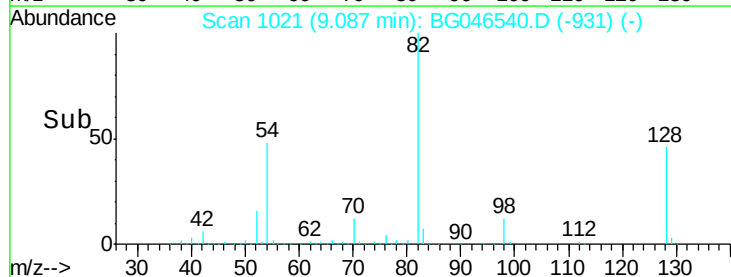
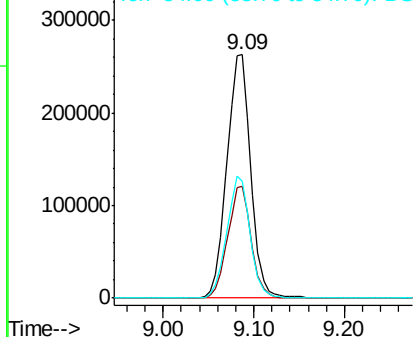


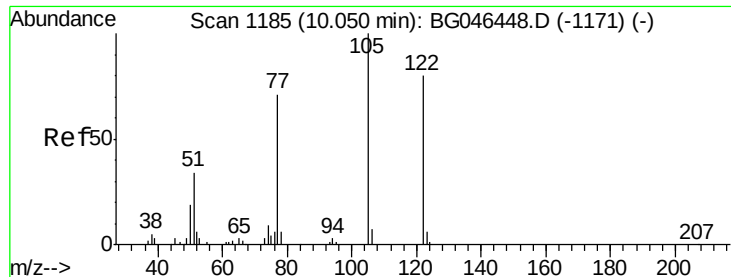
#23
Nitrobenzene-d5
Concen: 91.974 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

Tgt Ion: 82	Resp:	482468
Ion	Ratio	Lower Upper
82	100	
128	46.1	35.7 53.5
54	48.1	39.4 59.0



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





#32

Benzoic acid

Concen: 4.495 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

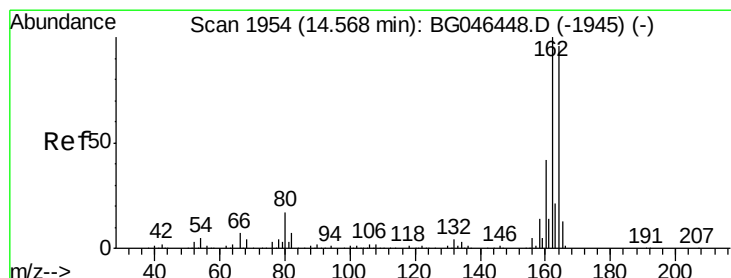
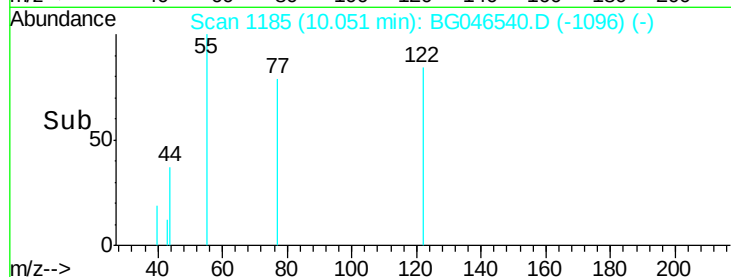
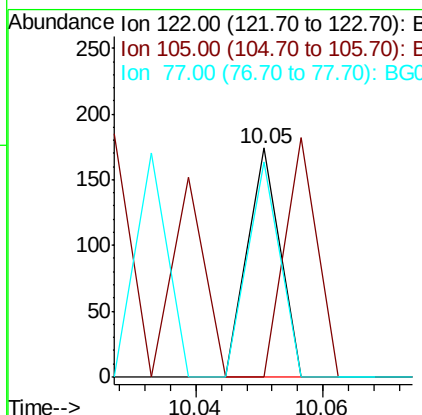
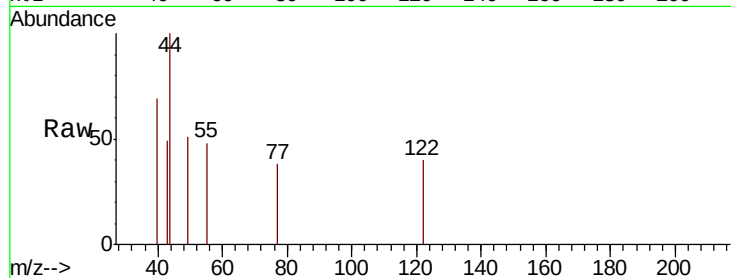
Instrument :

BNA_G

ClientSampled :

LPBH-01

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	102.5	142.5#
77	94.3	68.2	108.2



#39

Acenaphthene-d10

Concen: 20.000 ng

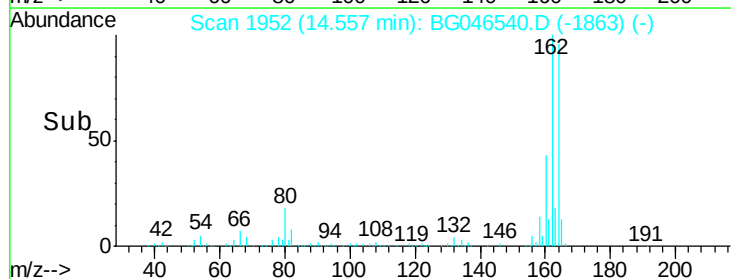
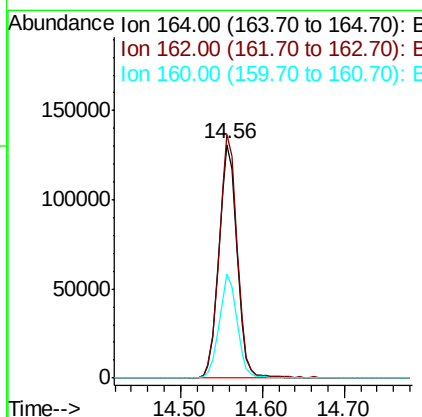
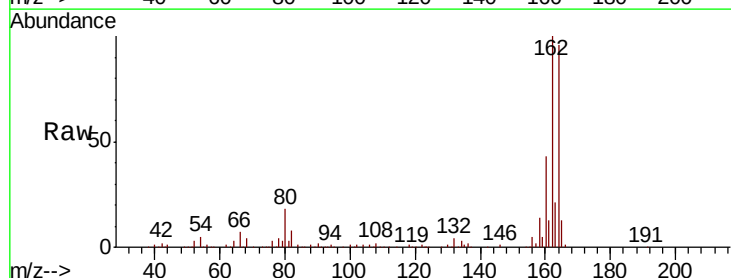
RT: 14.56 min Scan# 1952

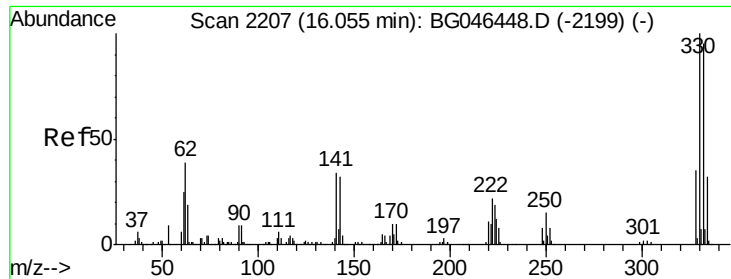
Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.3	124.9
160	44.3	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 81.894 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Instrument :

BNA_G

ClientSampleId :

LPBH-01

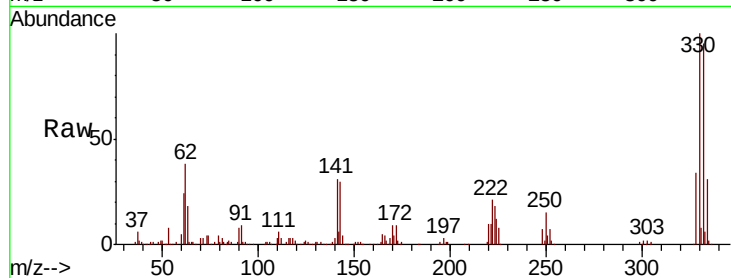
Tot Ion:330 Resp: 225959

Ion Ratio Lower Upper

330 100

332 95.3 76.1 114.1

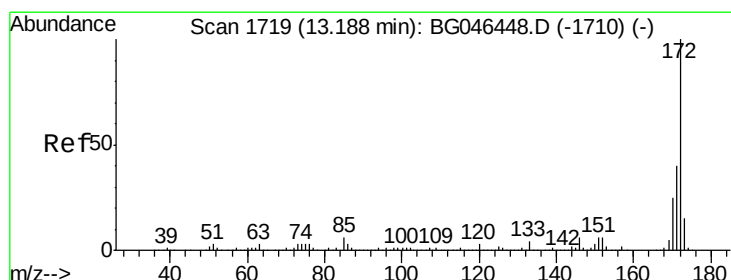
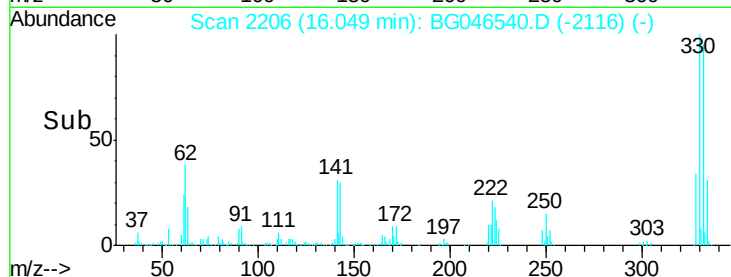
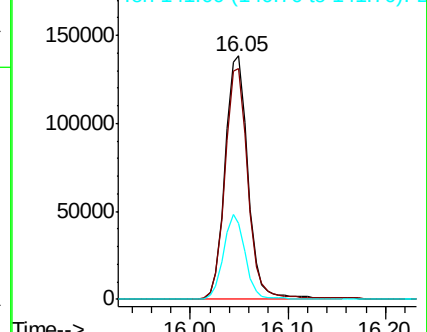
141 33.2 26.1 39.1



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: 88.581 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

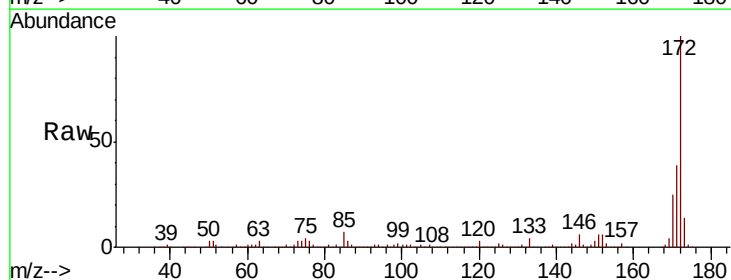
Tgt Ion:172 Resp: 1181651

Ion Ratio Lower Upper

172 100

171 38.7 31.8 47.6

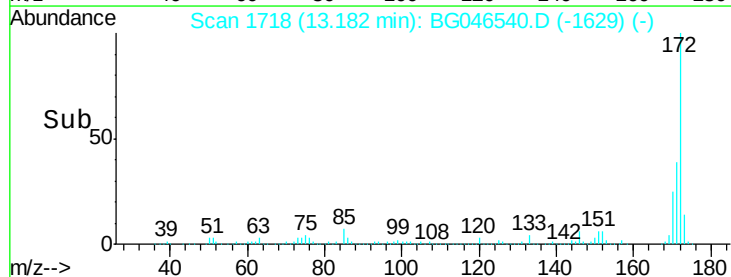
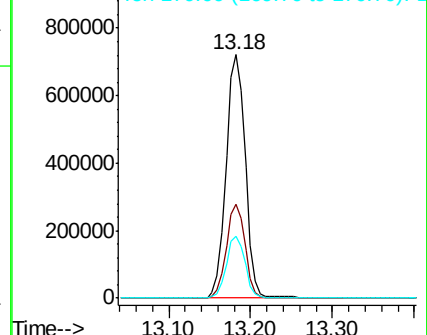
170 25.2 20.3 30.5

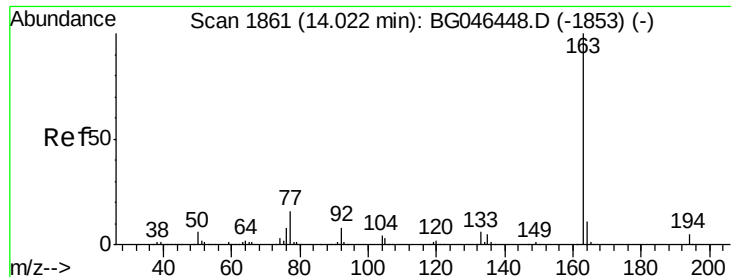


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.303 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Instrument :

BNA_G

ClientSampleId :

LPBH-01

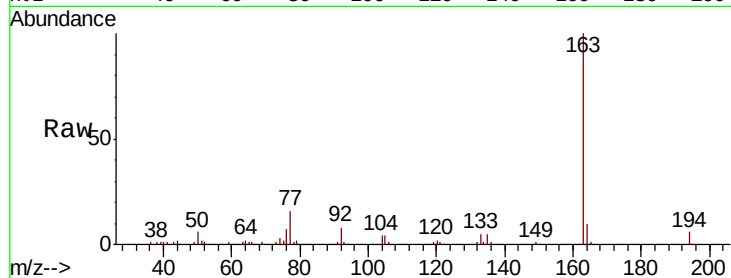
Tot Ion:163 Resp: 52036

Ion Ratio Lower Upper

163 100

194 5.8 3.7 5.5#

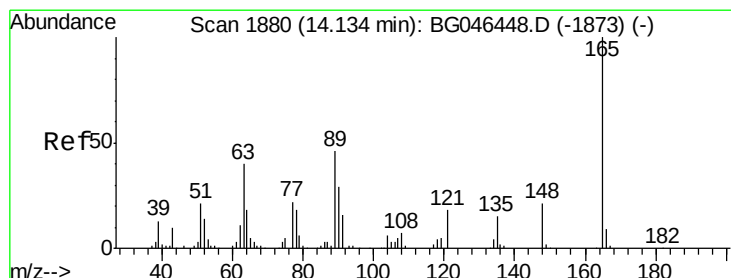
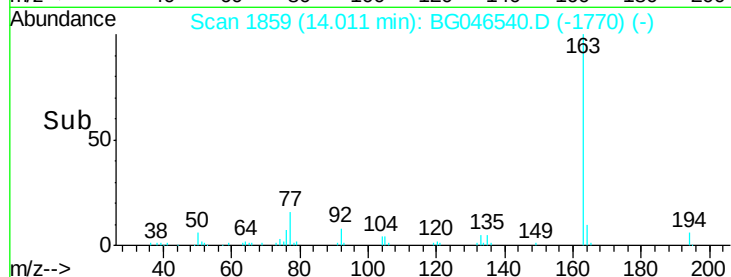
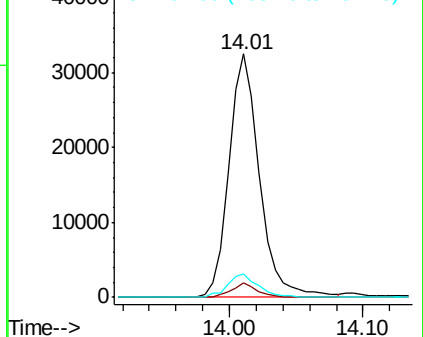
164 9.7 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.793 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.42 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

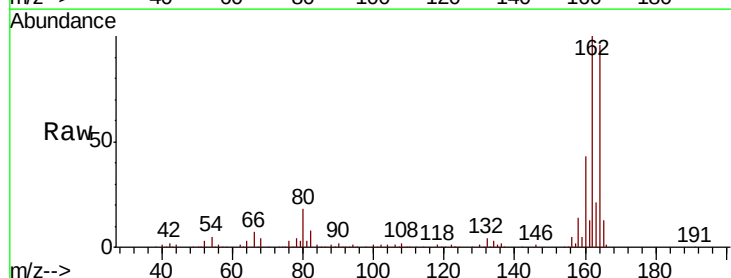
Tgt Ion:165 Resp: 27064

Ion Ratio Lower Upper

165 100

63 1.3 34.2 51.4#

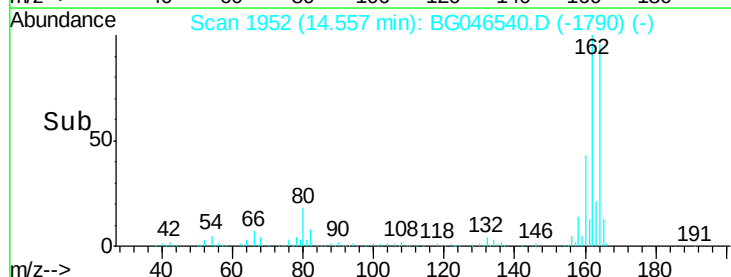
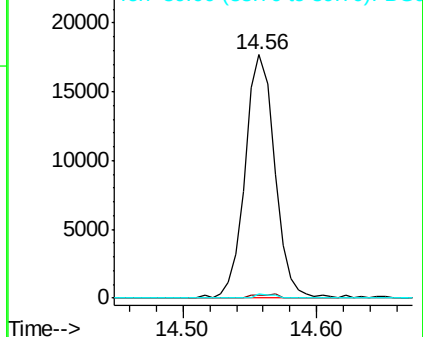
89 2.0 37.0 55.4#

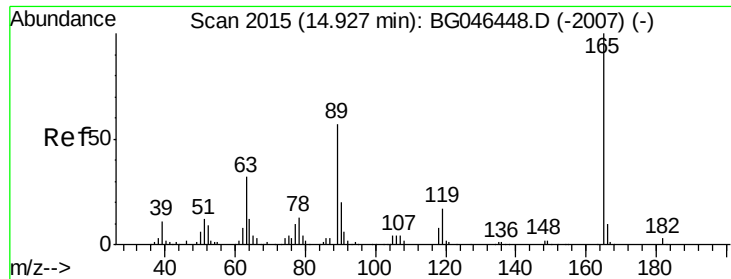


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

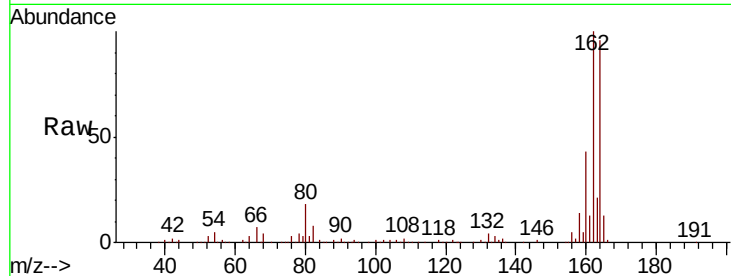




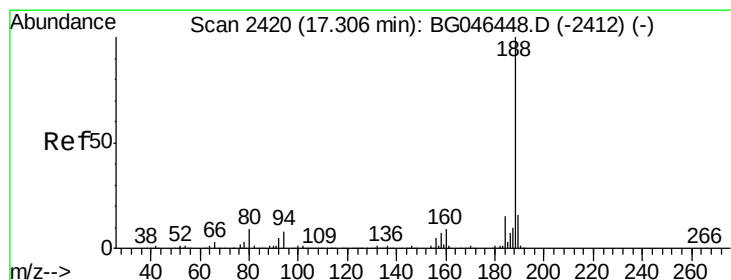
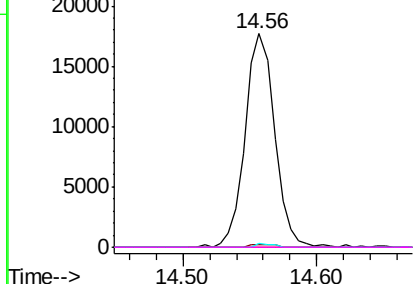
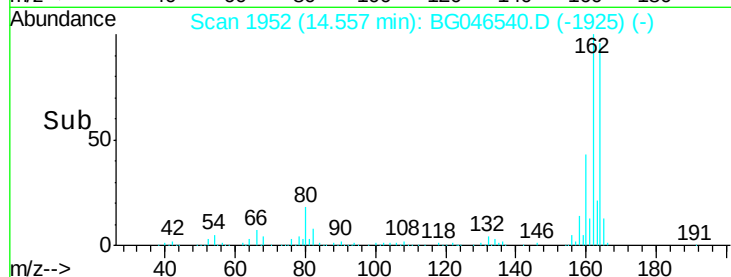
#57
 2,4-Dinitrotoluene
 Concen: 5.465 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046540.D
 Acq: 4 Sep 2020 14:36

Instrument :
 BNA_G
 ClientSampled :
 LPBH-01

Tot Ion:165 Resp: 27064
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 2.0 45.9 68.9#
 182 0.0 2.3 3.5#

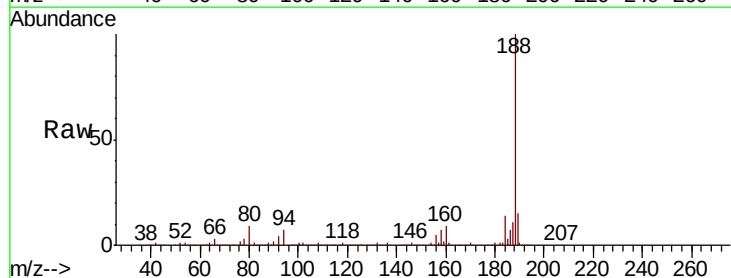


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

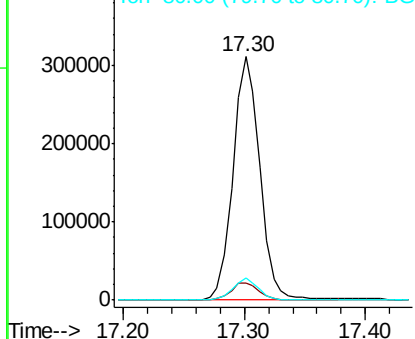
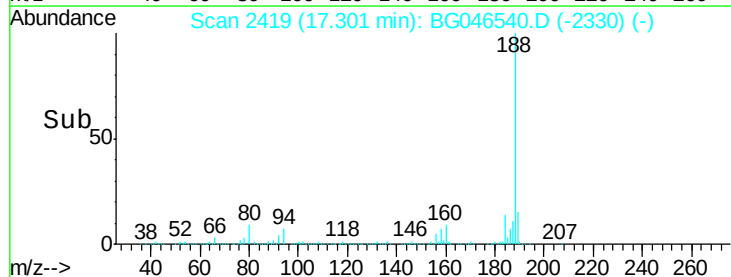


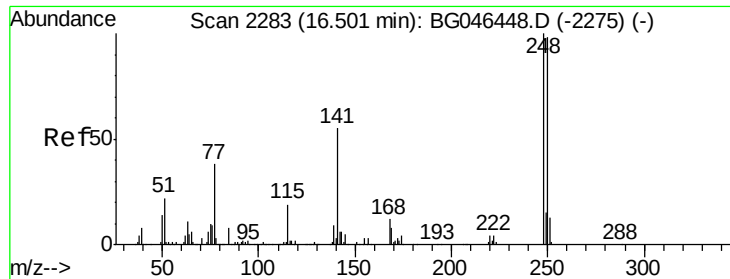
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046540.D
 Acq: 4 Sep 2020 14:36

Tgt Ion:188 Resp: 481798
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.3 9.5
 80 9.1 6.9 10.3



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

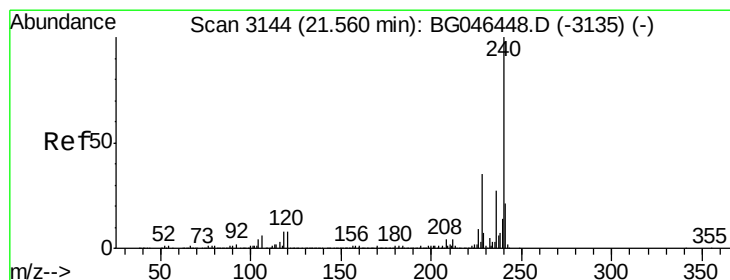
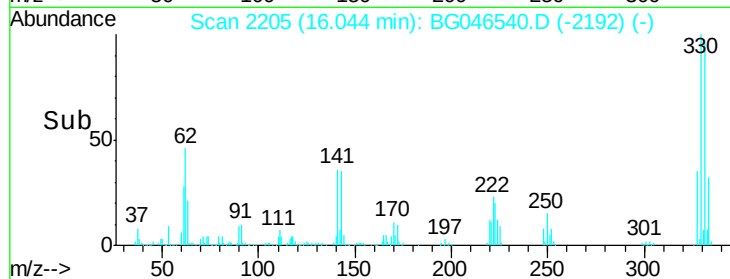
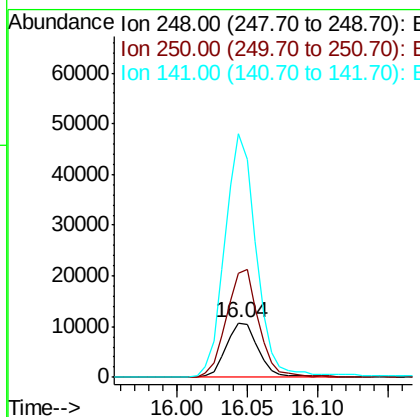
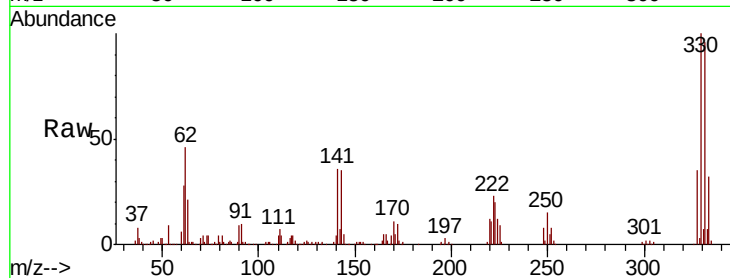




#67
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

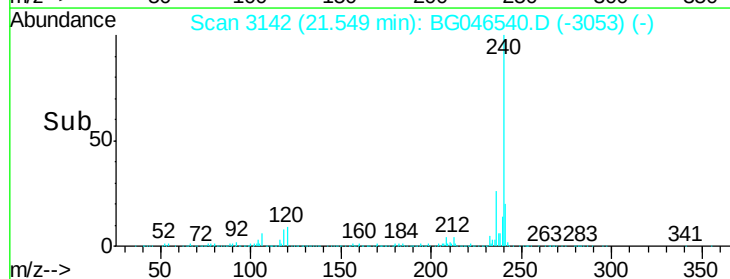
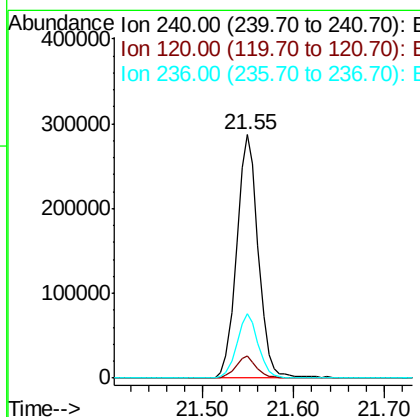
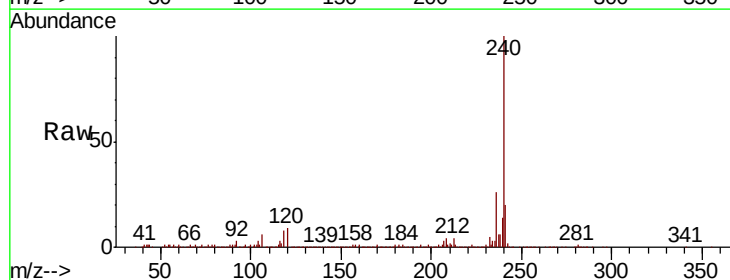
Instrument :
BNA_G
ClientSampleId :
LPBH-01

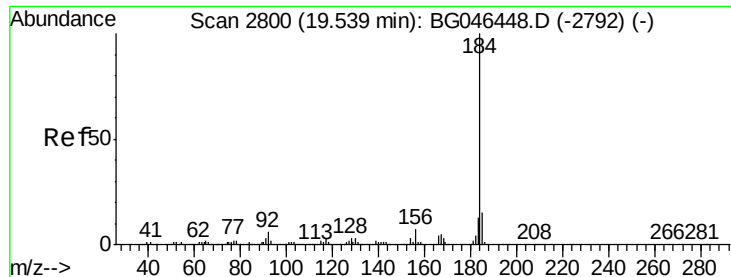
Tot Ion:248 Resp: 16990
Ion Ratio Lower Upper
248 100
250 192.8 78.6 118.0#
141 448.9 43.9 65.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046540.D
Acq: 4 Sep 2020 14:36

Tgt Ion:240 Resp: 479084
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 26.5 21.4 32.2





#77

Benzidine

Concen: 2.201 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

Instrument :

BNA_G

ClientSampled :

LPBH-01

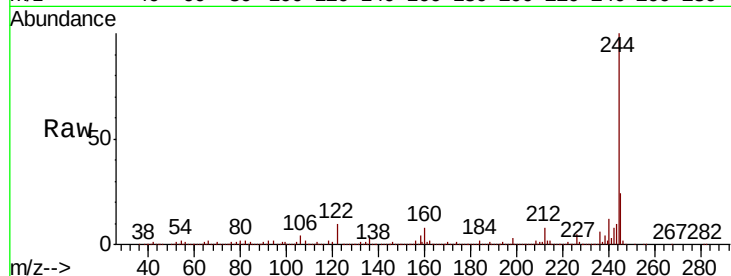
Tot Ion:184 Resp: 24504

Ion Ratio Lower Upper

184 100

185 18.0 11.8 17.8#

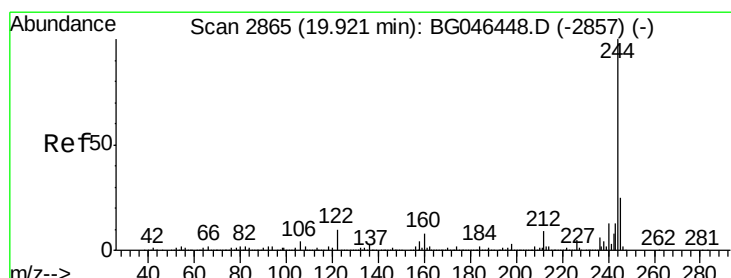
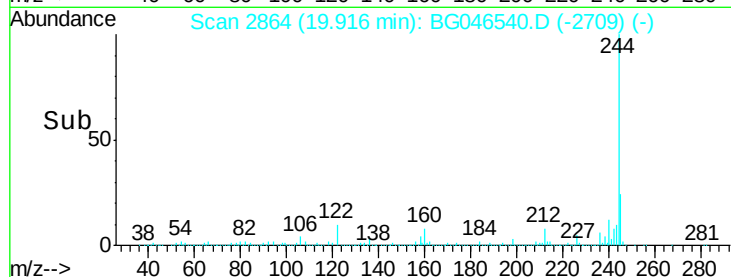
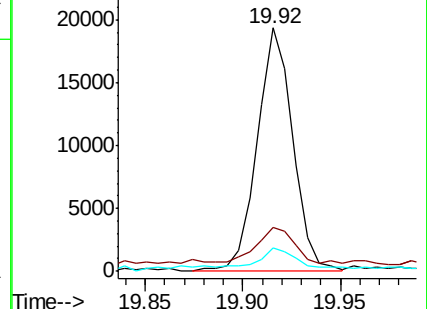
183 9.6 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 71.959 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046540.D

Acq: 4 Sep 2020 14:36

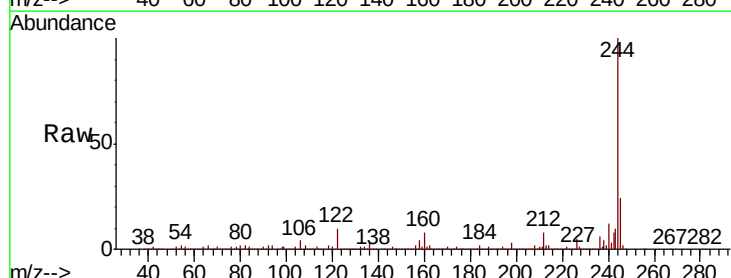
Tgt Ion:244 Resp: 1619896

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

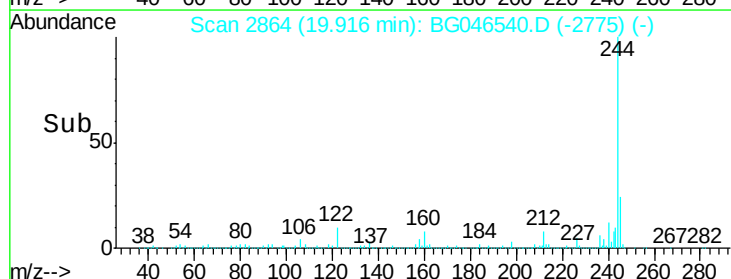
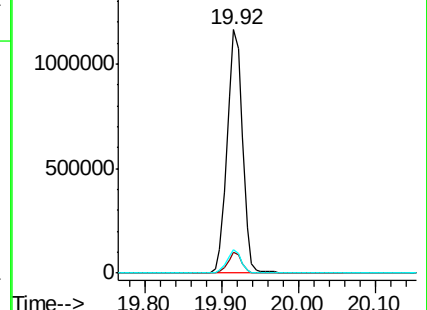
122 9.7 8.2 12.4

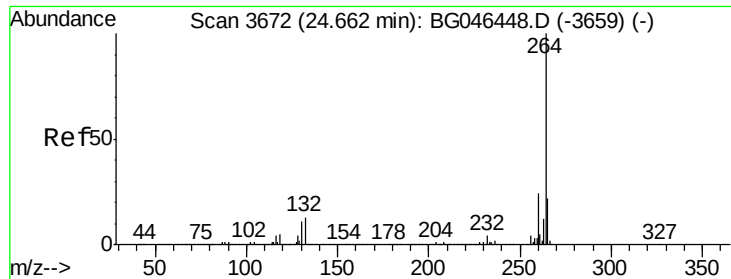


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG046540.D
 Acq: 4 Sep 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 LPBH-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.9	26.9

