

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046537.D
 Acq On : 4 Sep 2020 12:26
 Operator : CG/JU
 Sample : PB131426BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

Quant Time: Sep 04 13:30:44 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

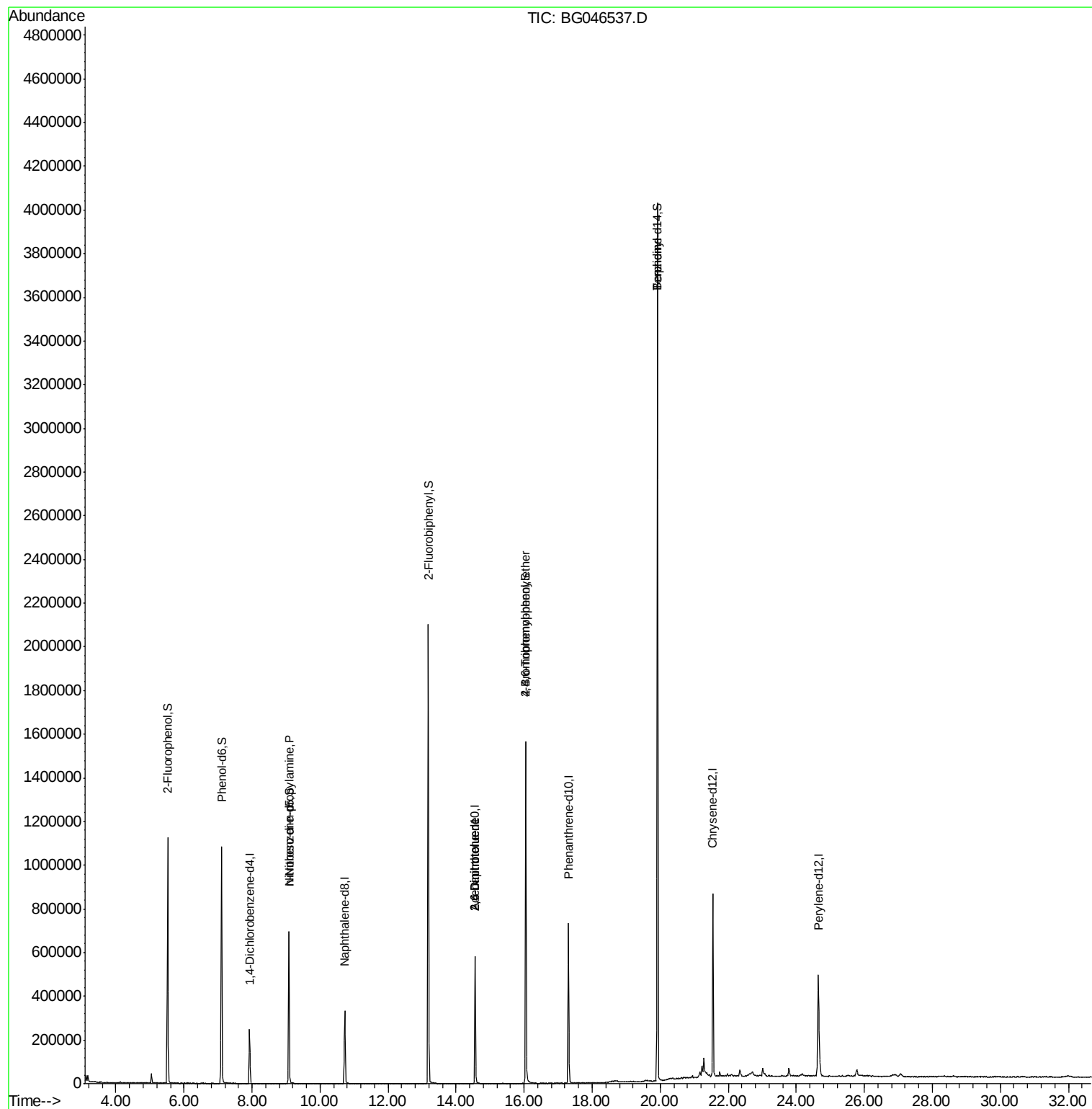
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78098	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	314776	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	215296	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	505028	20.00	ng	0.00
76) Chrysene-d12	21.55	240	513946	20.00	ng	0.00
86) Perylene-d12	24.65	264	504996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	527622	119.66	ng	0.00
7) Phenol-d6	7.11	99	683027	109.27	ng	0.00
23) Nitrobenzene-d5	9.09	82	456074	82.81	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	317390	108.80	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1183420	83.91	ng	0.00
79) Terphenyl-d14	19.92	244	1787454	74.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	58678	15.694	ng	# 78
51) 2,6-Dinitrotoluene	14.56	165	28593	7.788	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	28593	5.462	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	24639	4.182	ng	# 1
77) Benzidine	19.92	184	28564	2.392	ng	# 93

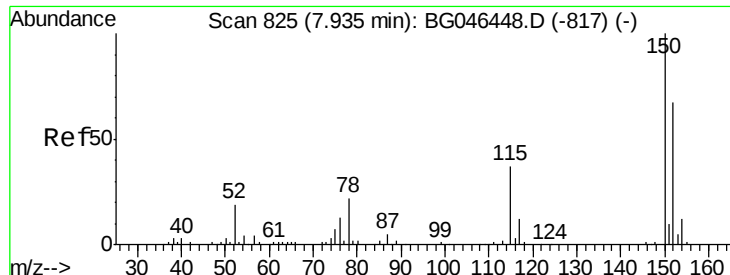
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046537.D
Acq On : 4 Sep 2020 12:26
Operator : CG/JU
Sample : PB131426BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131426BL

Quant Time: Sep 04 13:30:44 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



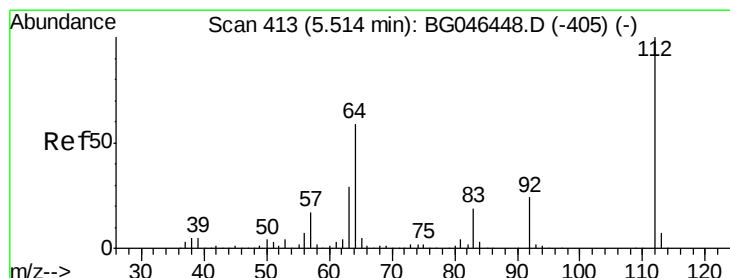
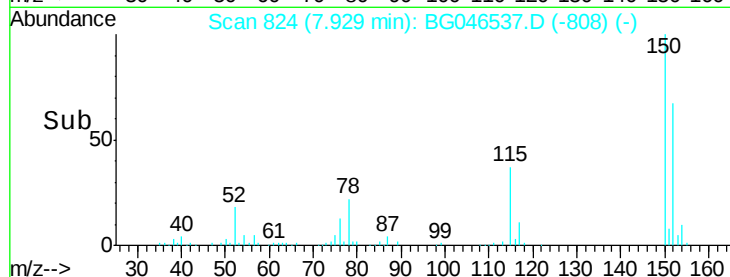
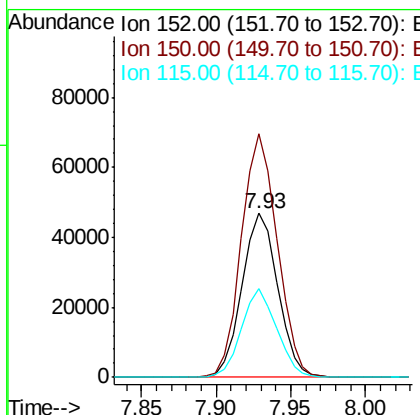
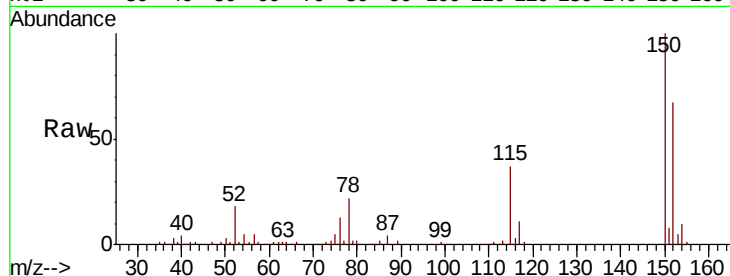


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046537.D
 Acq: 4 Sep 2020 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

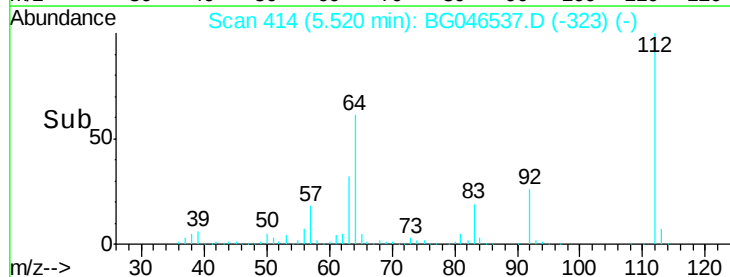
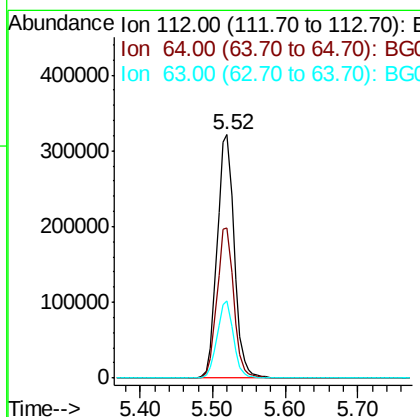
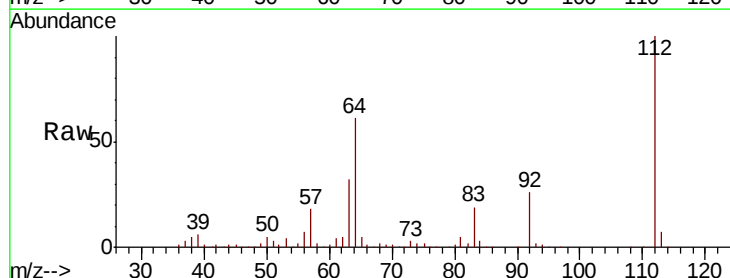
Tot Ion	152	Resp	78098
Ion Ratio	Lower	Upper	
152	100		
150	148.6	119.5	179.3
115	54.3	44.3	66.5

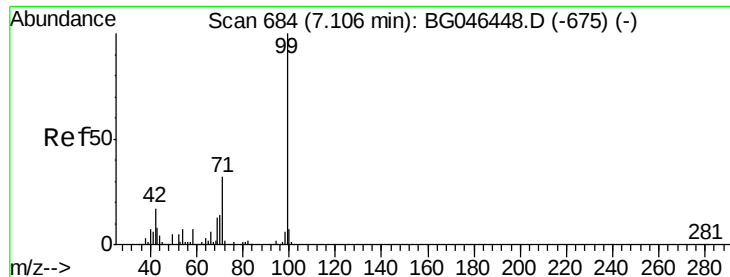


#5

2-Fluorophenol
 Concen: 119.659 ng
 RT: 5.52 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: BG046537.D
 Acq: 4 Sep 2020 12:26

Tgt Ion	112	Resp	527622
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.0	70.6
63	31.6	23.5	35.3





#7

Phenol-d6

Concen: 109.271 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB131426BL

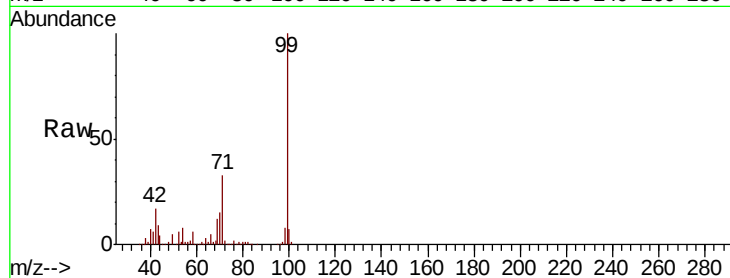
Tot Ion: 99 Resp: 683027

Ion Ratio Lower Upper

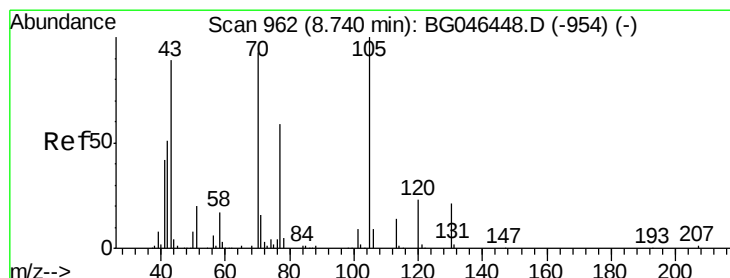
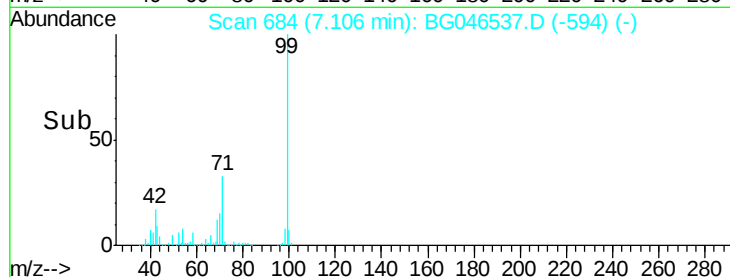
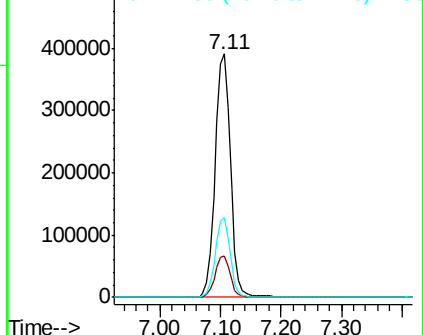
99 100

42 16.8 13.3 19.9

71 32.5 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: 15.694 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

Tgt Ion: 70 Resp: 58678

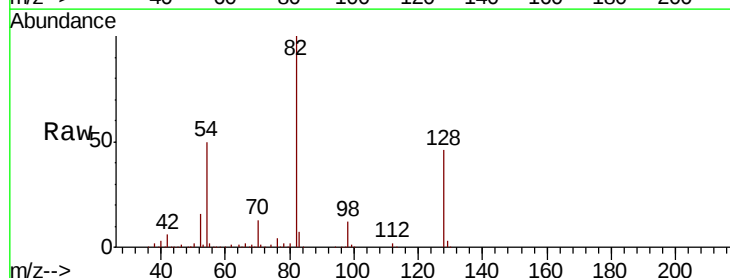
Ion Ratio Lower Upper

70 100

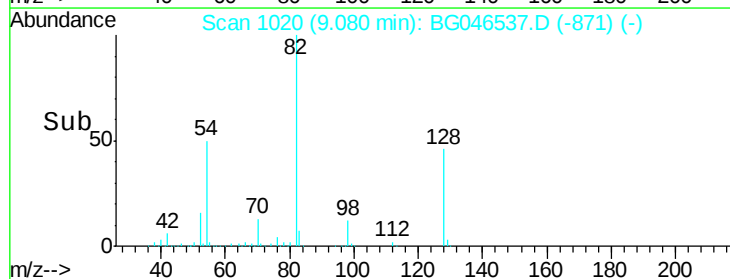
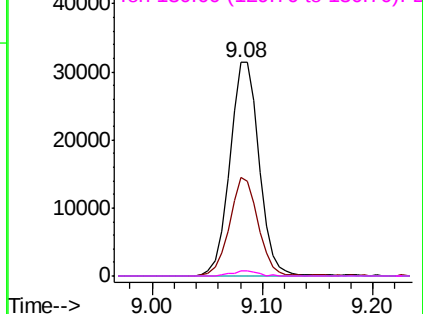
42 46.3 44.2 66.2

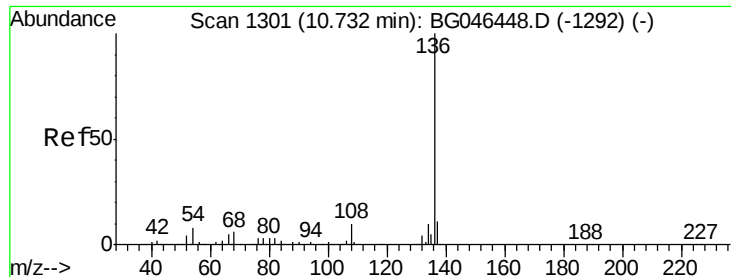
101 0.0 7.8 11.8#

130 2.2 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

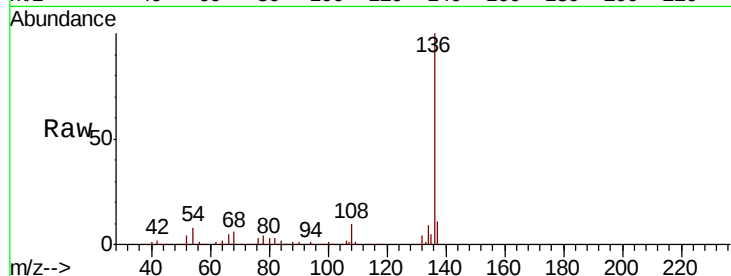




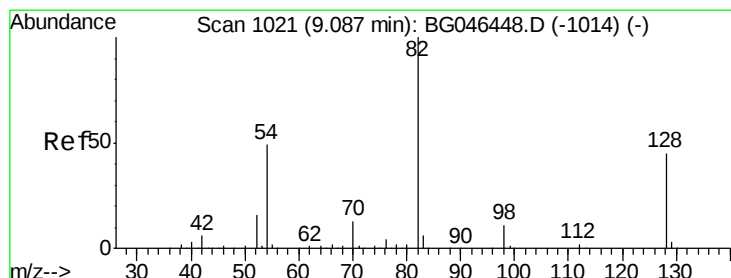
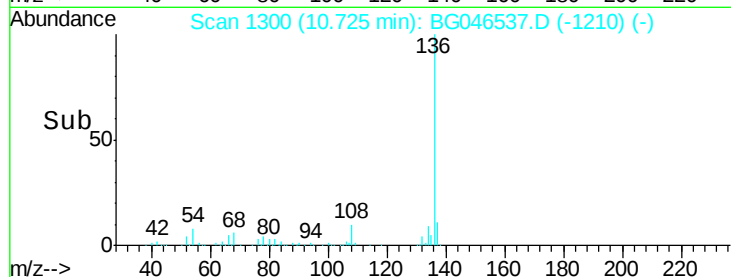
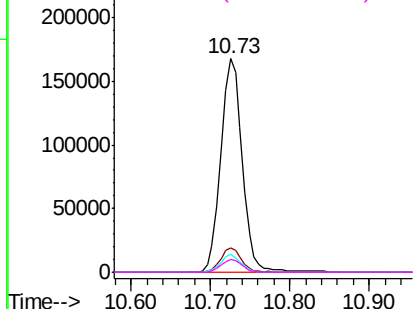
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Instrument :
BNA_G
ClientSampleId :
PB131426BL

Tot Ion:136	Resp:	314776
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 8.1	6.1	9.1
68 6.2	4.8	7.2

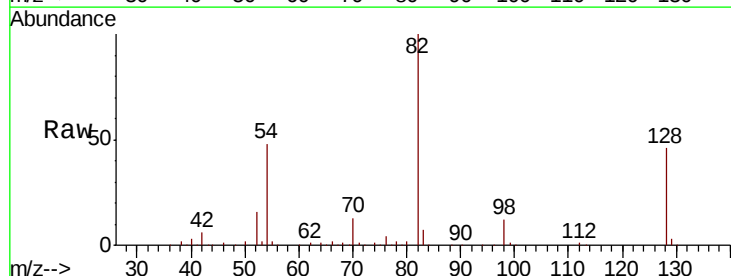


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

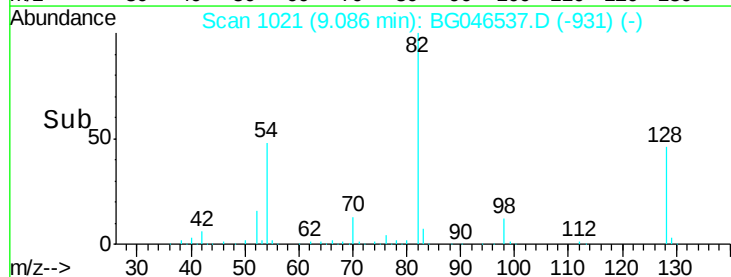
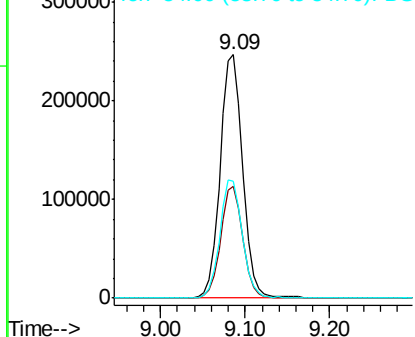


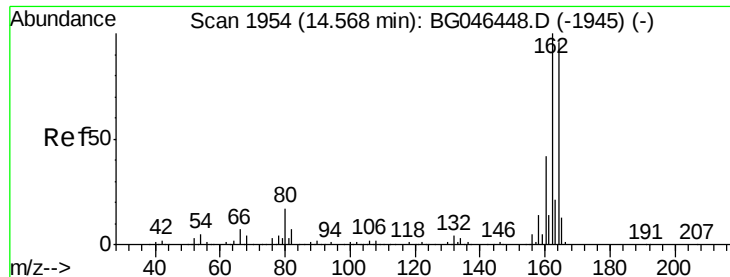
#23
Nitrobenzene-d5
Concen: 82.811 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Tgt Ion: 82	Resp: 456074
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): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB131426BL

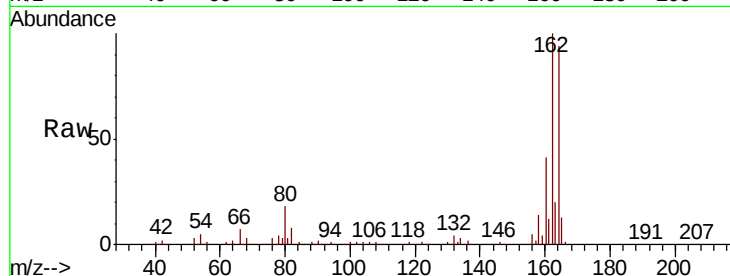
Tot Ion:164 Resp: 215296

Ion Ratio Lower Upper

164 100

162 106.2 83.3 124.9

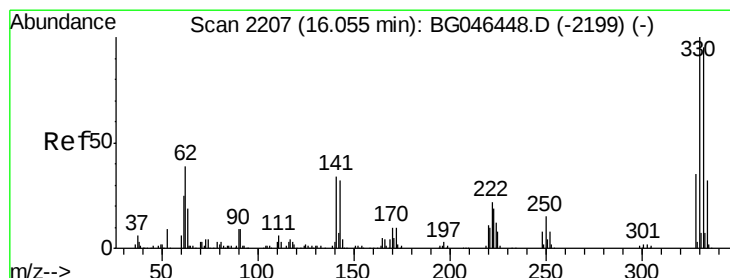
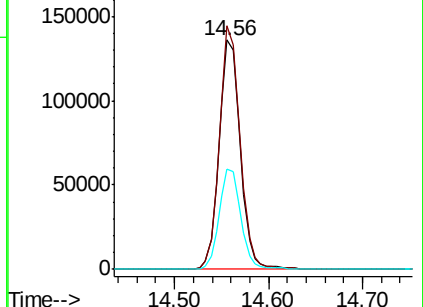
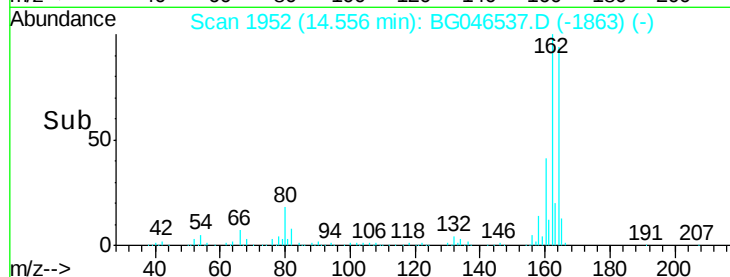
160 43.5 35.0 52.6



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: 108.803 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

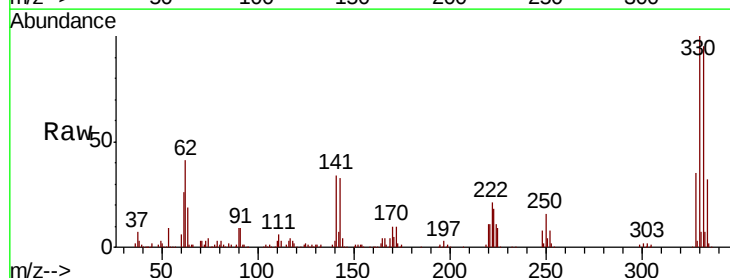
Tgt Ion:330 Resp: 317390

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

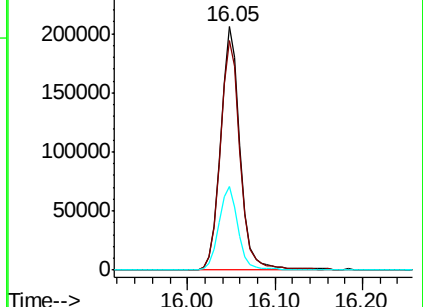
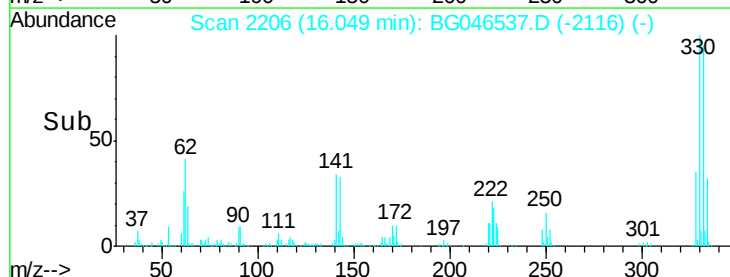
141 33.8 26.1 39.1

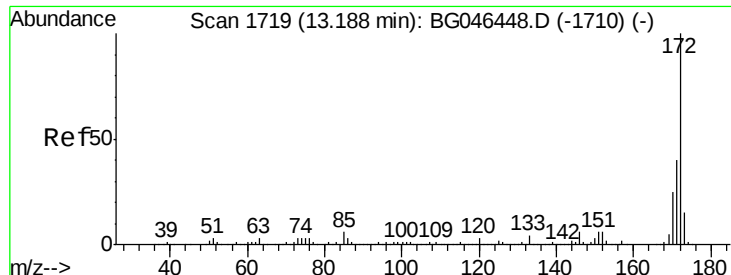


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

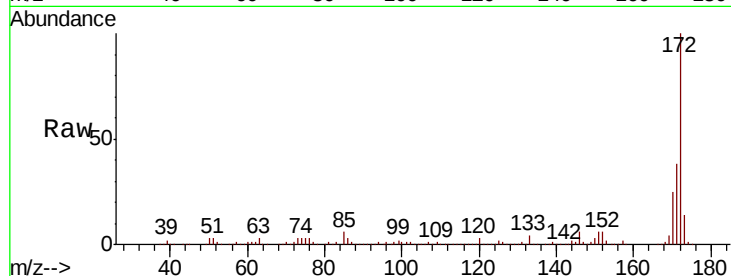




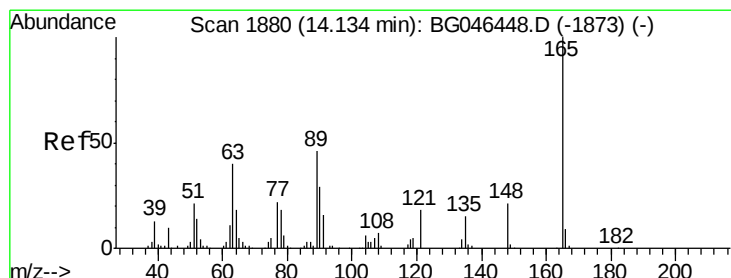
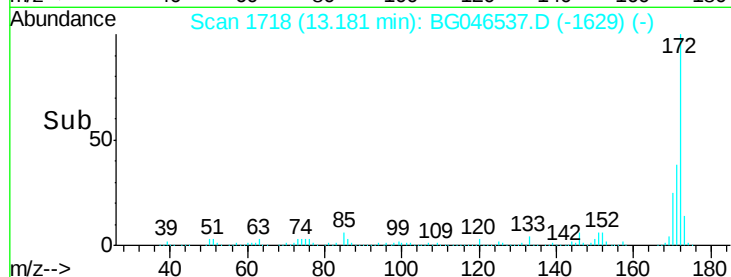
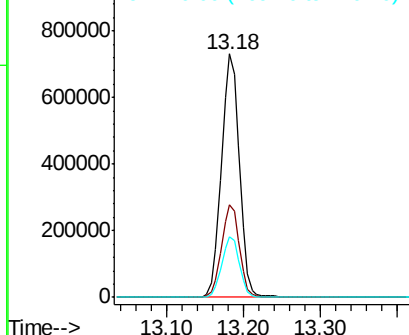
#45
2-Fluorobiphenyl
Concen: 83.911 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Instrument :
BNA_G
ClientSampleId :
PB131426BL

Tot Ion:172 Resp: 1183420
Ion Ratio Lower Upper
172 100
171 38.2 31.8 47.6
170 24.9 20.3 30.5

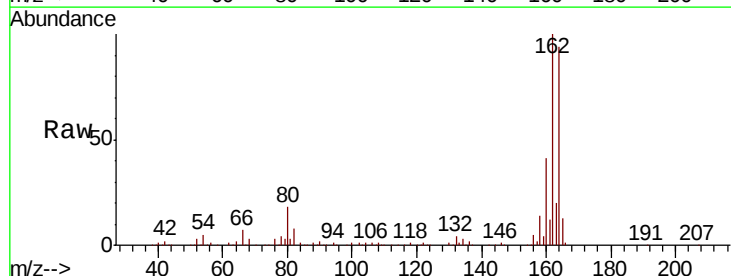


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

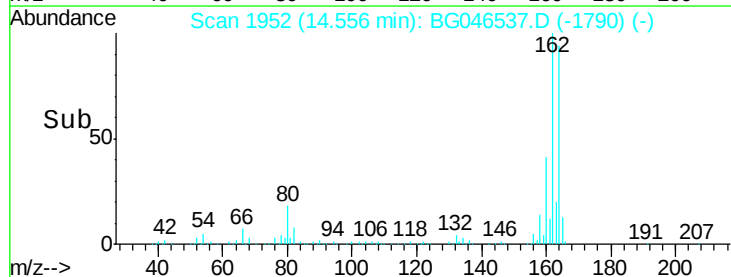
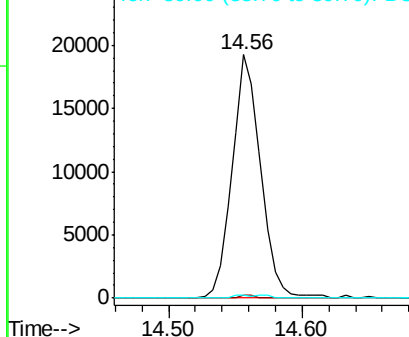


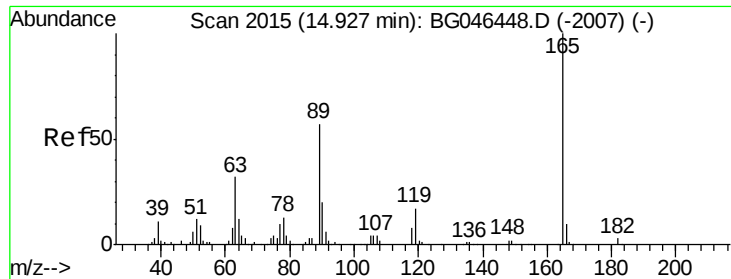
#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Tgt Ion:165 Resp: 28593
Ion Ratio Lower Upper
165 100
63 1.3 34.2 51.4#
89 1.2 37.0 55.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

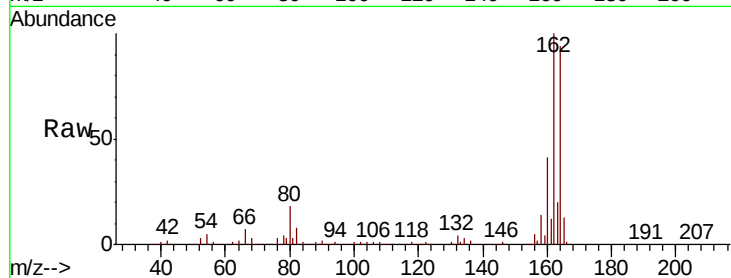




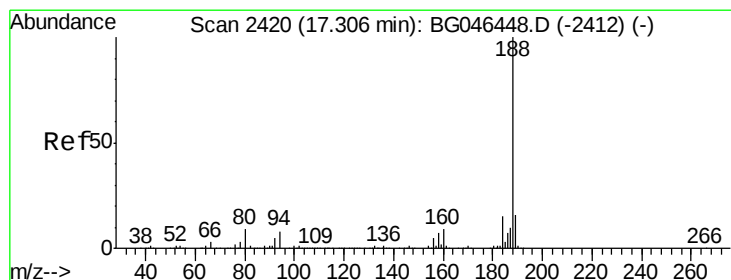
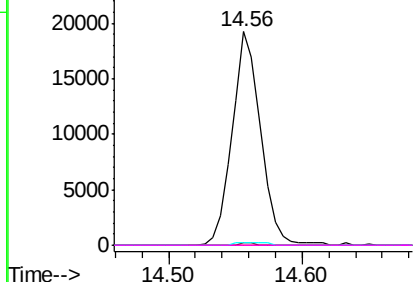
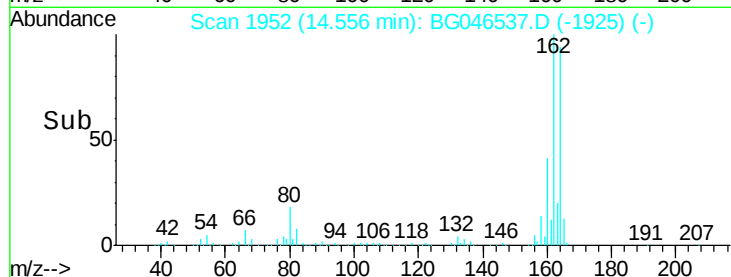
#57
 2,4-Dinitrotoluene
 Concen: 5.462 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046537.D
 Acq: 4 Sep 2020 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

Tot Ion:165 Resp: 28593
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.2 45.9 68.9#
 182 0.0 2.3 3.5#

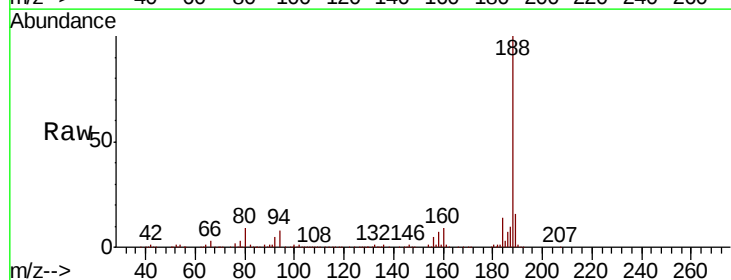


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

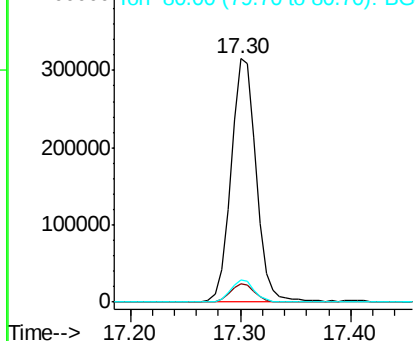
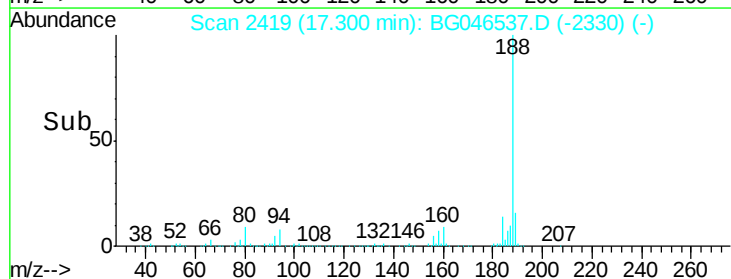


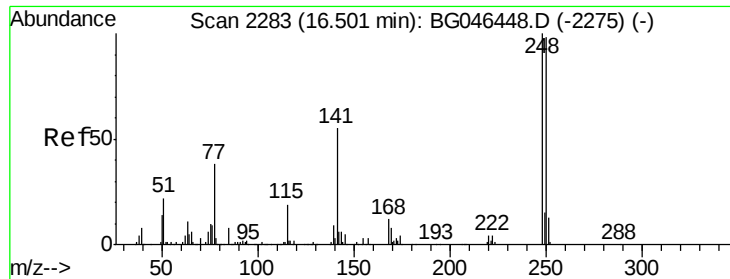
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046537.D
 Acq: 4 Sep 2020 12:26

Tgt Ion:188 Resp: 505028
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.3 9.5
 80 9.0 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

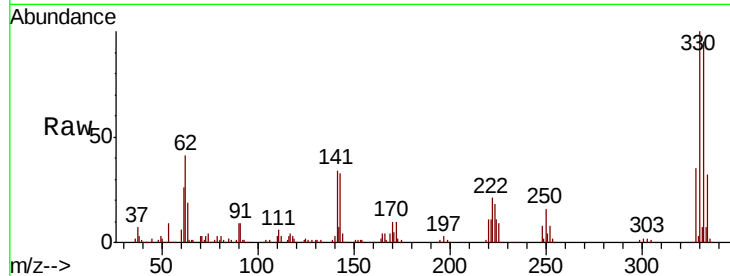




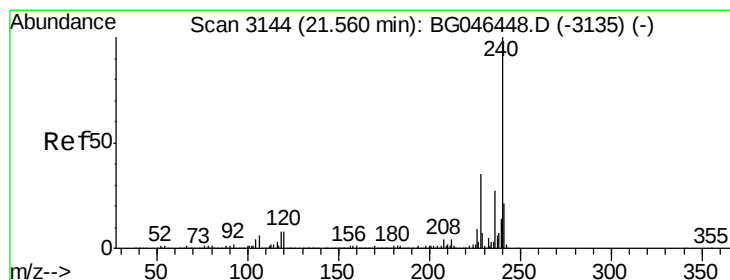
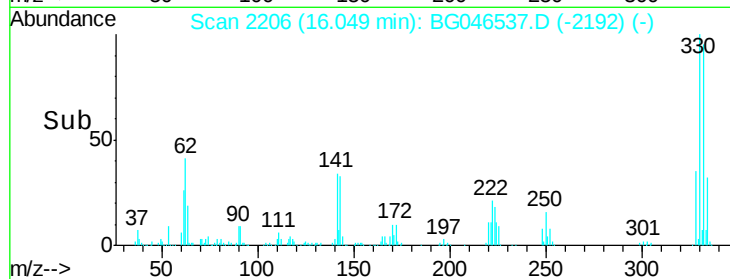
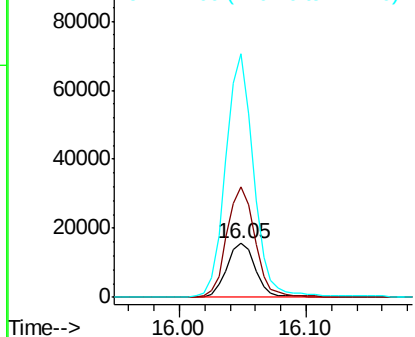
#67
4-Bromophenyl-phenylether
Concen: 4.182 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Instrument :
BNA_G
ClientSampleId :
PB131426BL

Tot Ion:248 Resp: 24639
Ion Ratio Lower Upper
248 100
250 204.7 78.6 118.0#
141 451.5 43.9 65.9#

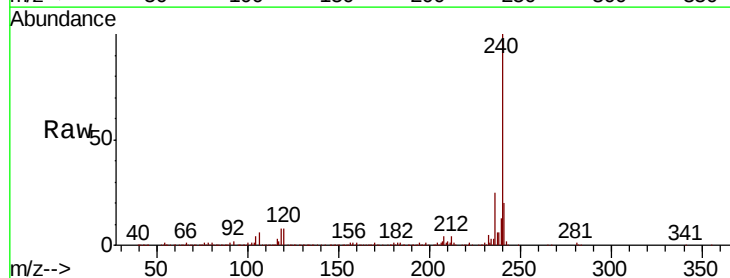


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

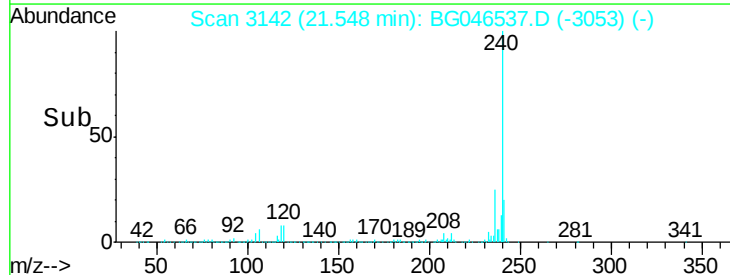
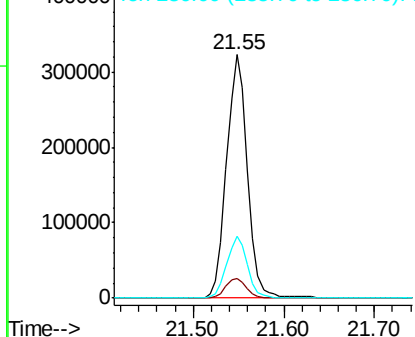


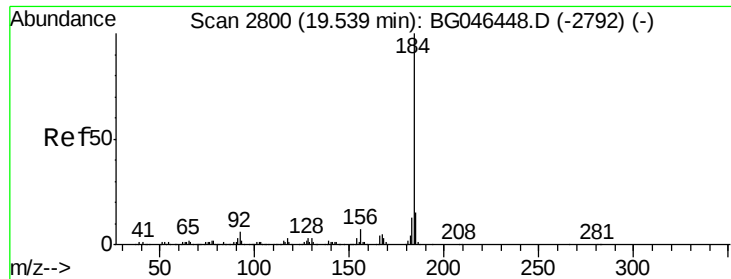
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046537.D
Acq: 4 Sep 2020 12:26

Tgt Ion:240 Resp: 513946
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 25.5 21.4 32.2



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: 2.392 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.39 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB131426BL

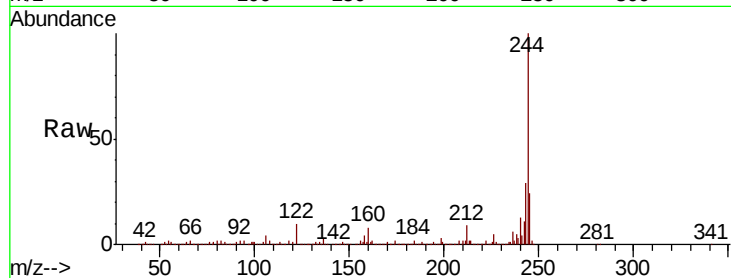
Tot Ion:184 Resp: 28564

Ion Ratio Lower Upper

184 100

185 18.7 11.8 17.8#

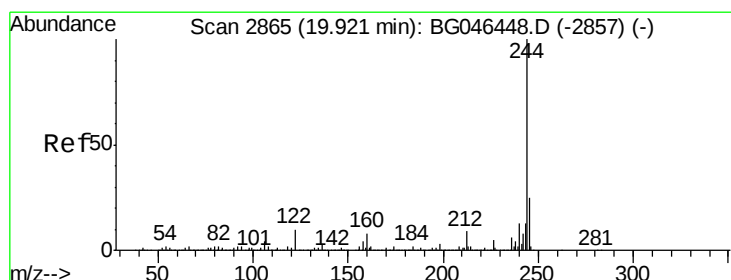
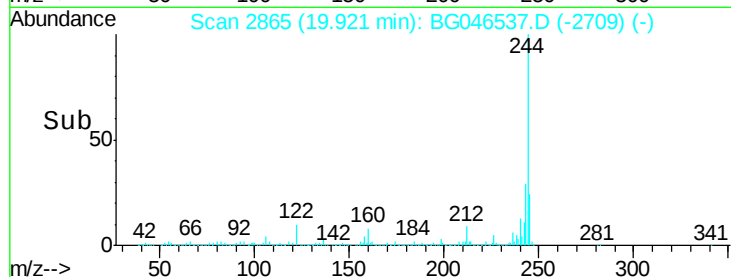
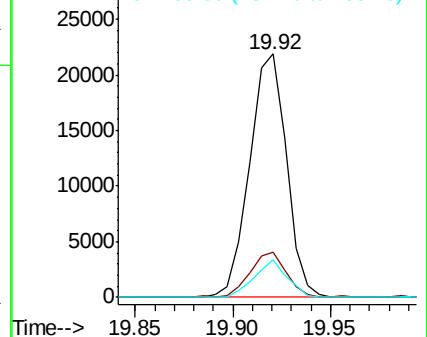
183 15.3 10.7 16.1



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: 74.016 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046537.D

Acq: 4 Sep 2020 12:26

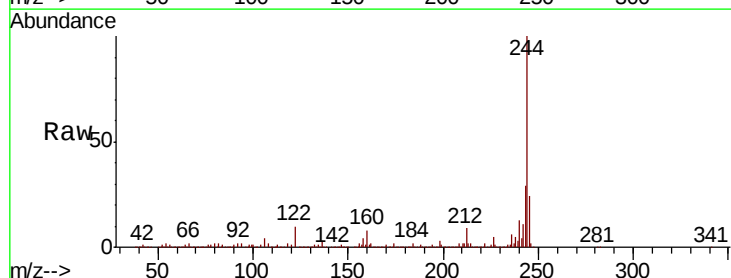
Tgt Ion:244 Resp: 1787454

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

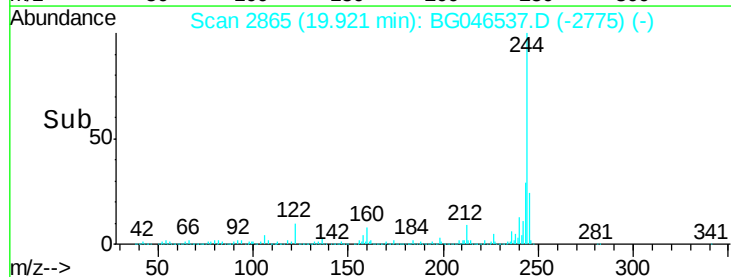
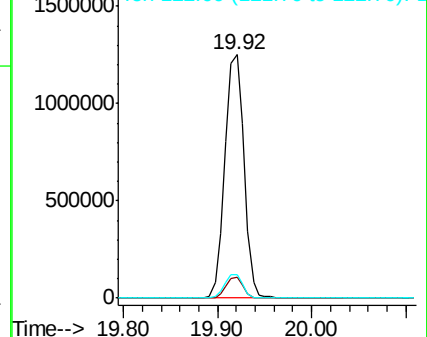
122 9.8 8.2 12.4

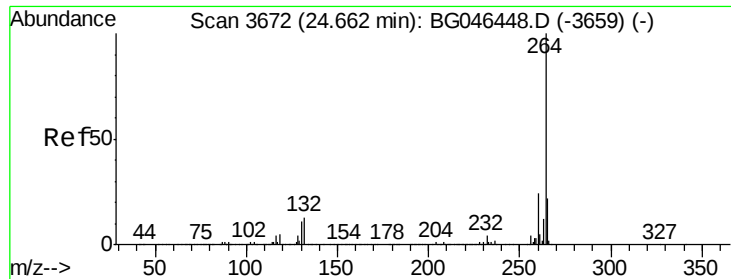


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG046537.D
 Acq: 4 Sep 2020 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.9	26.9

