

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046513.D
 Acq On : 3 Sep 2020 11:37
 Operator : CG/JU
 Sample : PB131374TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

Quant Time: Sep 03 13:40:16 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

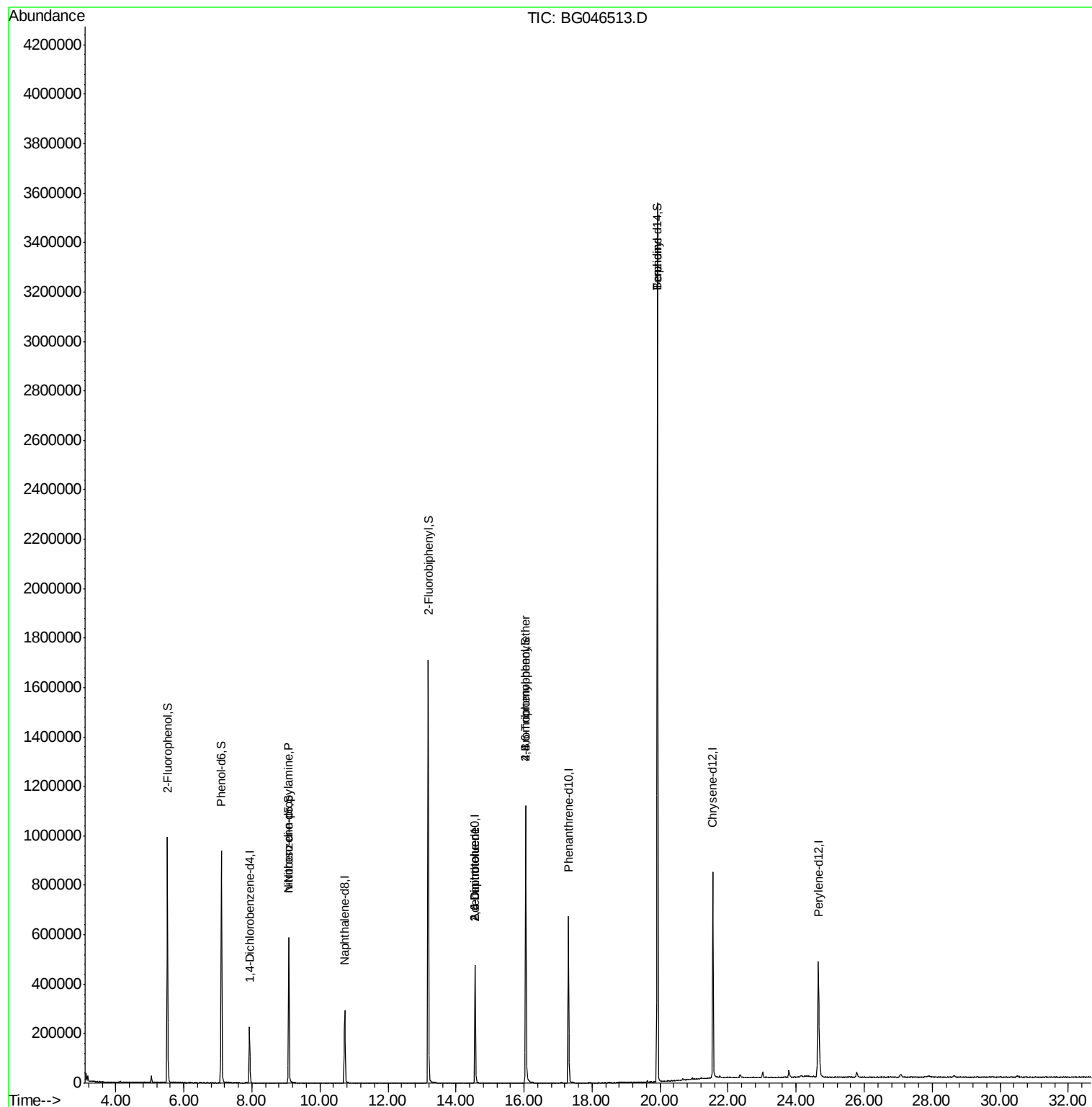
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	70653	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	290751	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	192596	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463786	20.00	ng	0.00
76) Chrysene-d12	21.55	240	527761	20.00	ng	0.00
86) Perylene-d12	24.65	264	518140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	462119	115.85	ng	0.00
7) Phenol-d6	7.10	99	585655	103.57	ng	0.00
23) Nitrobenzene-d5	9.08	82	383049	75.30	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249540	95.63	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	972652	77.09	ng	0.00
79) Terphenyl-d14	19.92	244	1677565	67.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	48177	14.243	ng	# 76
51) 2,6-Dinitrotoluene	14.56	165	25353	7.719	ng	# 32
57) 2,4-Dinitrotoluene	14.56	165	25353	5.413	ng	# 32
67) 4-Bromophenyl-phenylether	16.05	248	18983	3.508	ng	# 1
77) Benzidine	19.92	184	25745	2.099	ng	98

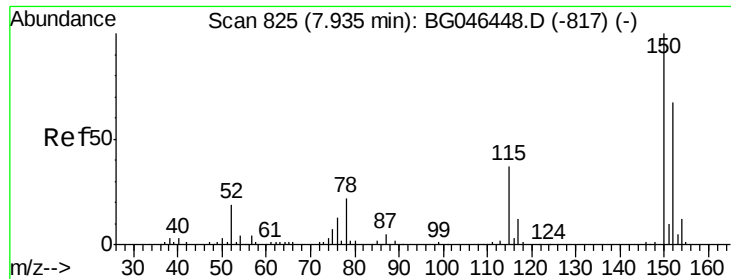
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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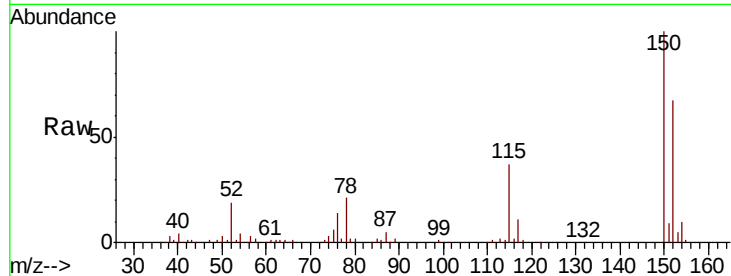


#1

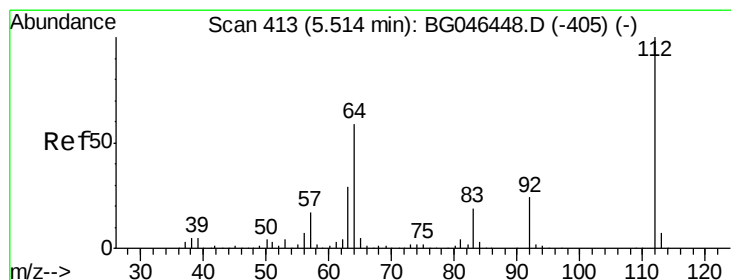
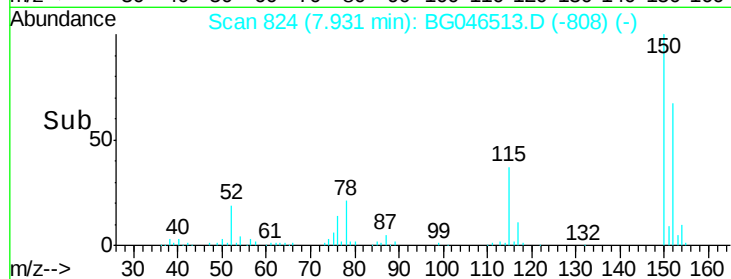
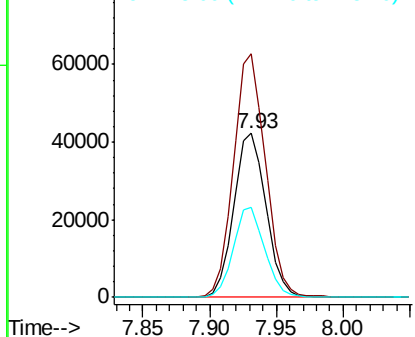
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Instrument :
BNA_G
ClientSampleId :
PB131374TB

Tot Ion:152 Resp: 70653
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 54.7 44.3 66.5



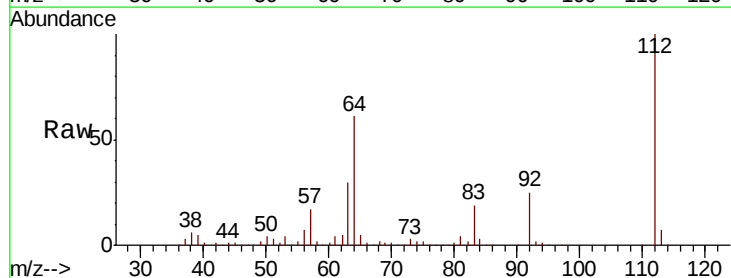
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



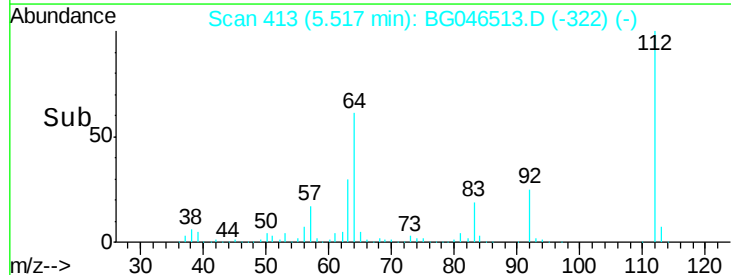
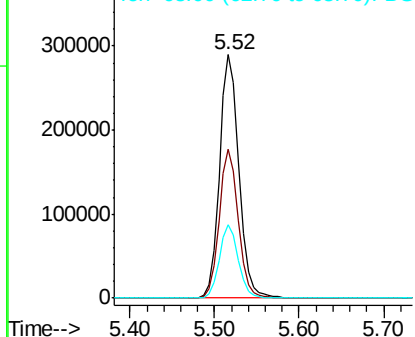
#5

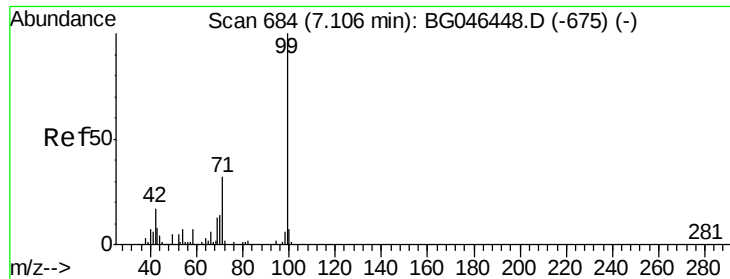
2-Fluorophenol
Concen: 115.848 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Tgt Ion:112 Resp: 462119
Ion Ratio Lower Upper
112 100
64 61.0 47.0 70.6
63 29.9 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.567 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

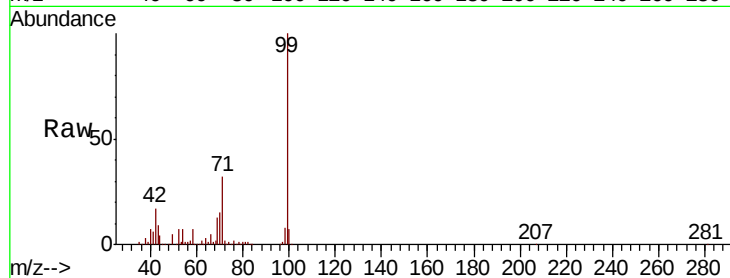
Tot Ion: 99 Resp: 585655

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

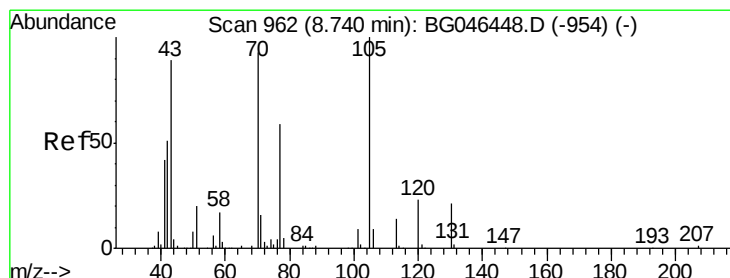
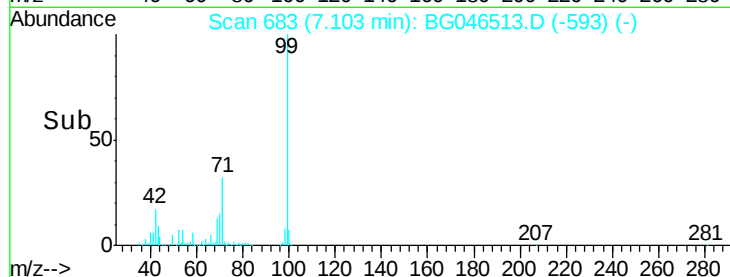
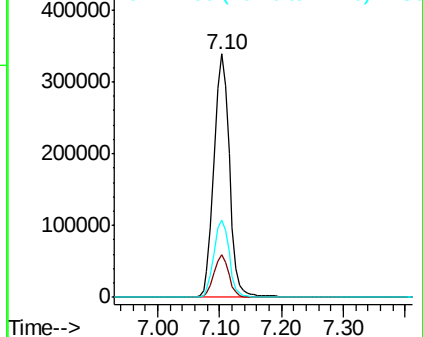
71 31.8 25.3 37.9



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: 14.243 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Tgt Ion: 70 Resp: 48177

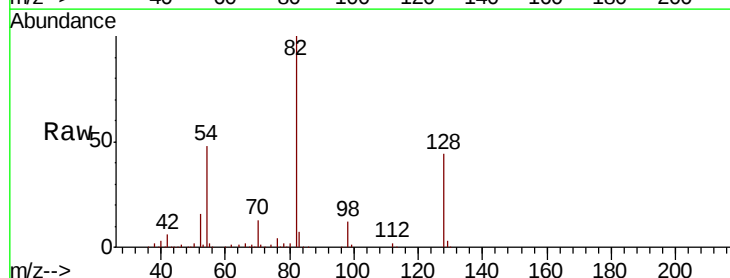
Ion Ratio Lower Upper

70 100

42 44.1 44.2 66.2#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

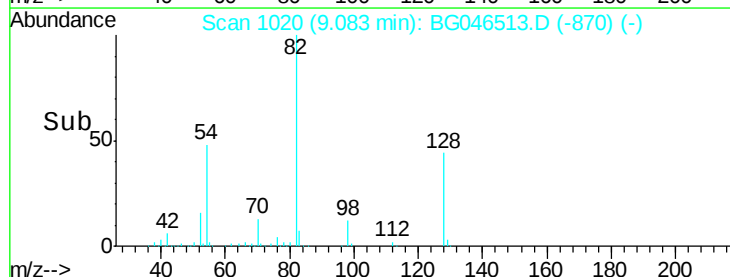
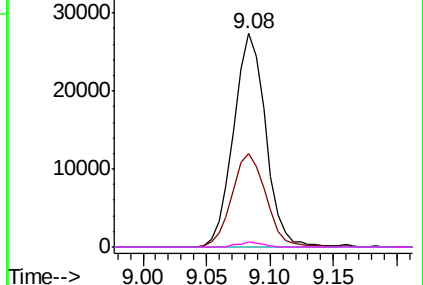


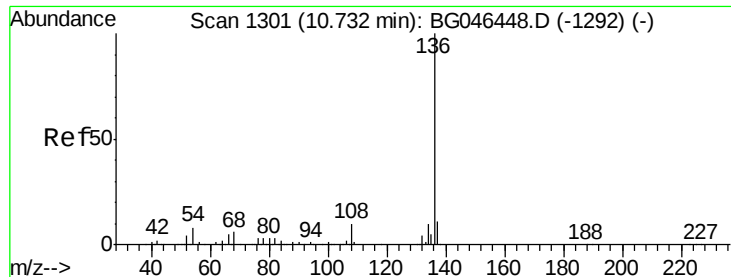
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

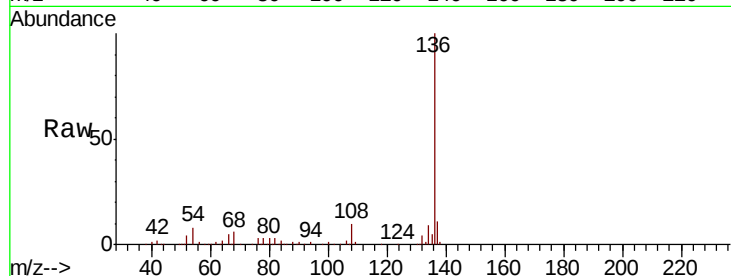




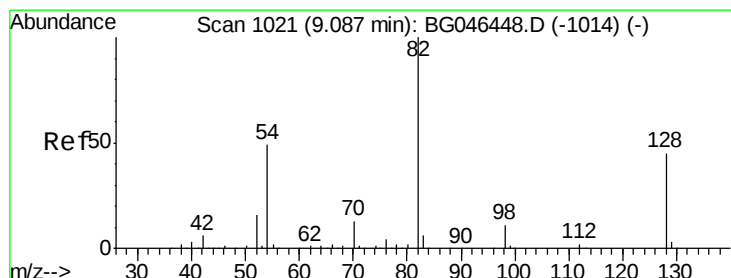
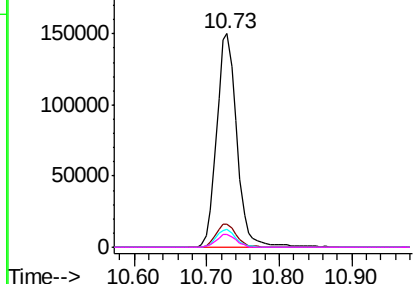
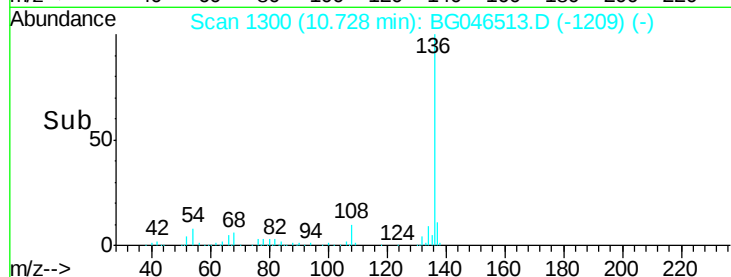
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Instrument :
BNA_G
ClientSampleId :
PB131374TB

Tot Ion:136	Resp:	290751
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	8.4	6.1 9.1
68	6.0	4.8 7.2

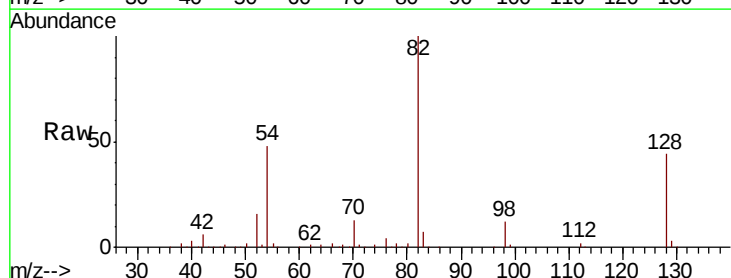


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

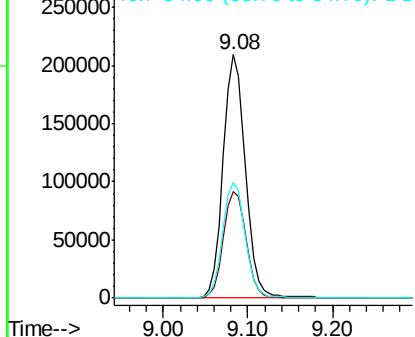
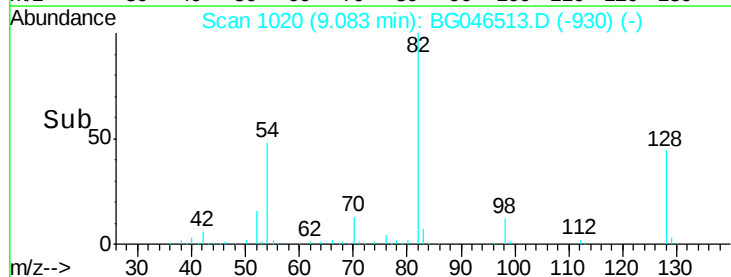


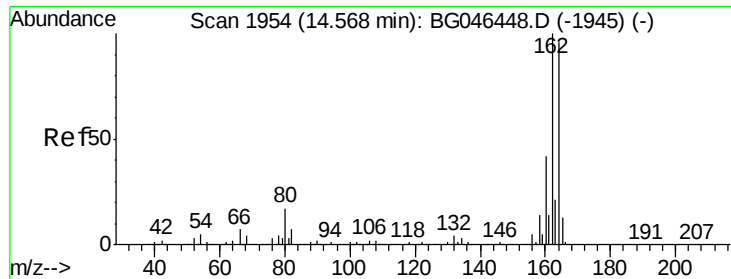
#23
Nitrobenzene-d5
Concen: 75.299 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Tgt Ion: 82	Resp:	383049
Ion	Ratio	Lower Upper
82	100	
128	43.8	35.7 53.5
54	47.7	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

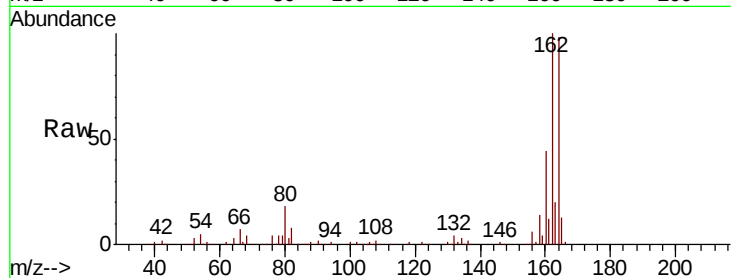
Tot Ion:164 Resp: 192596

Ion Ratio Lower Upper

164 100

162 102.5 83.3 124.9

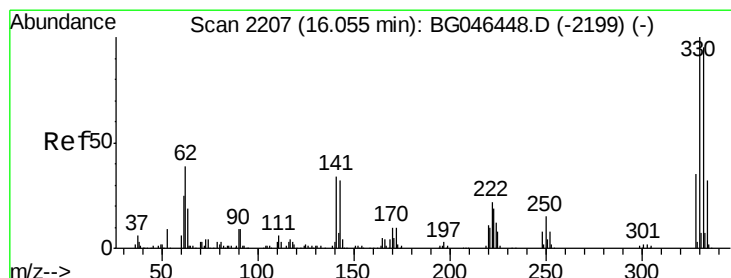
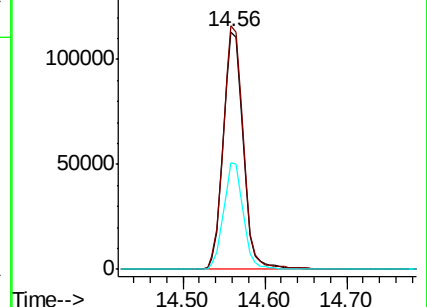
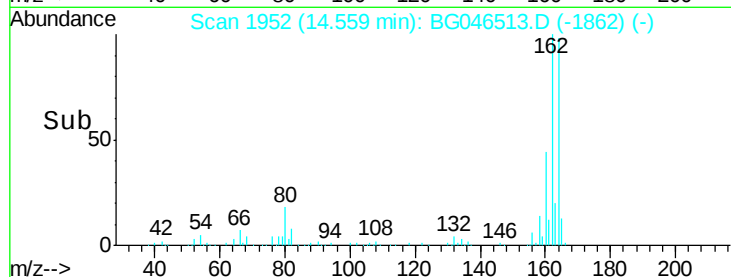
160 45.0 35.0 52.6



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: 95.626 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

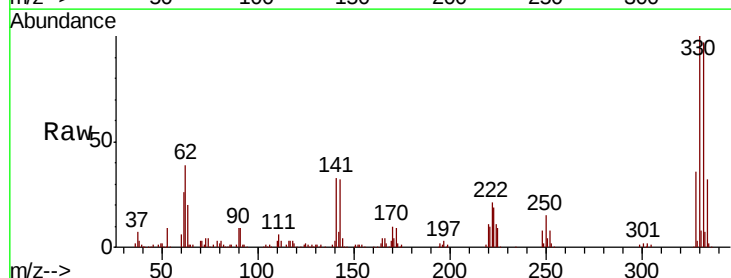
Tgt Ion:330 Resp: 249540

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

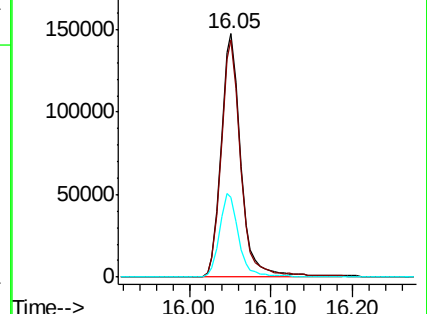
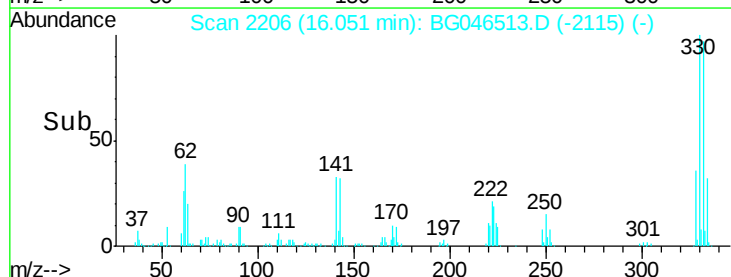
141 33.2 26.1 39.1

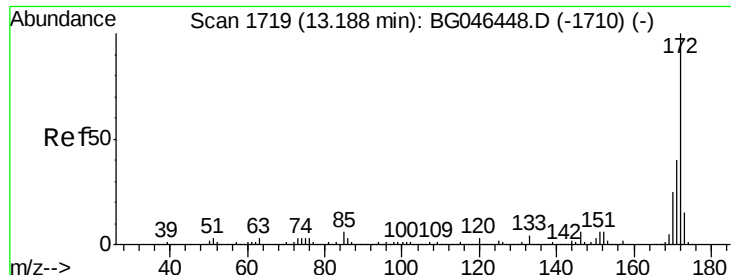


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

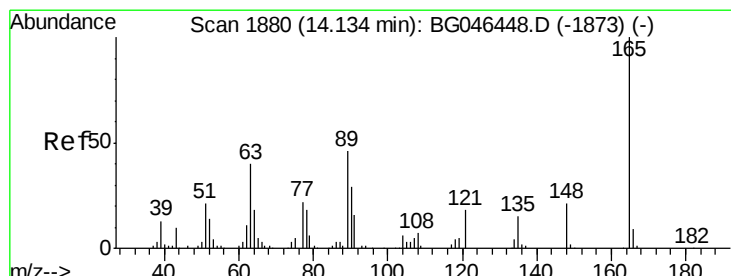
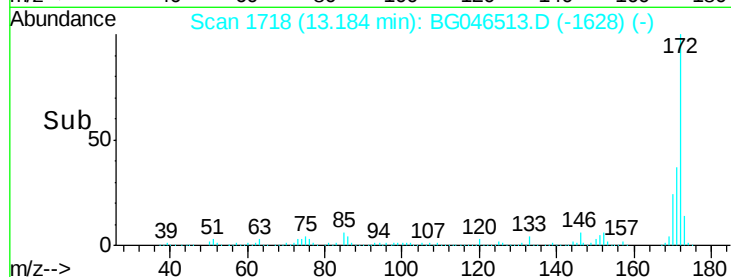
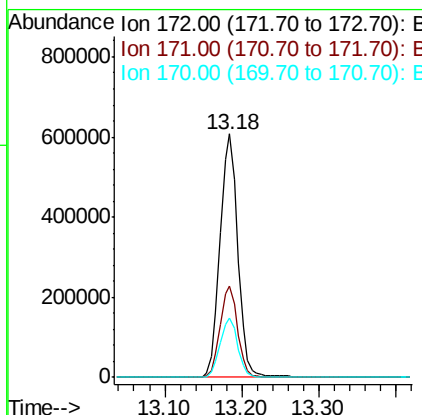
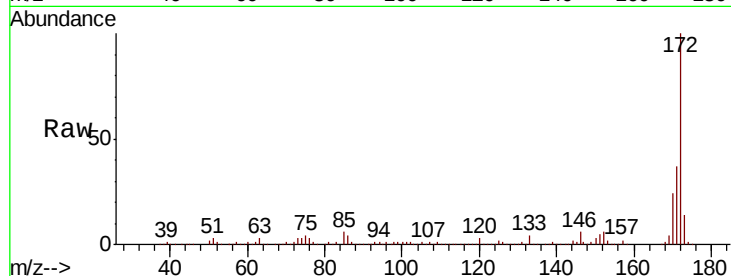




#45
 2-Fluorobiphenyl
 Concen: 77.095 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

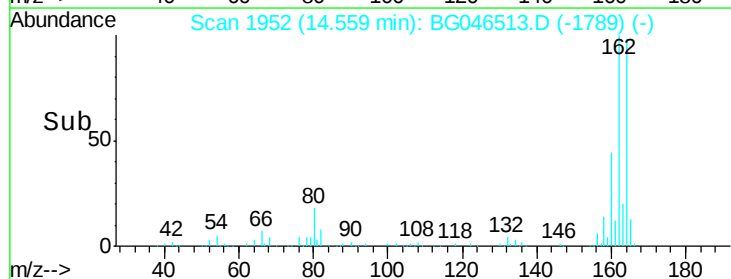
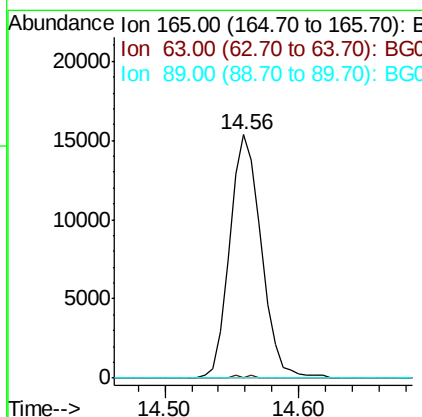
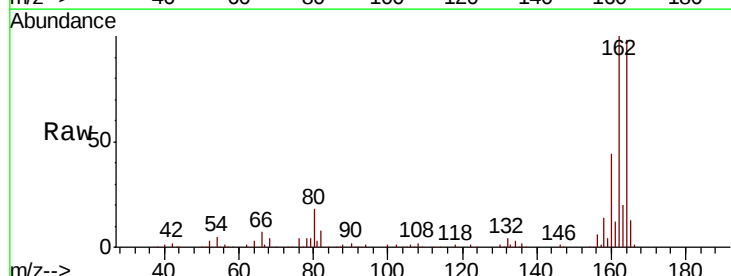
Instrument :
 BNA_G
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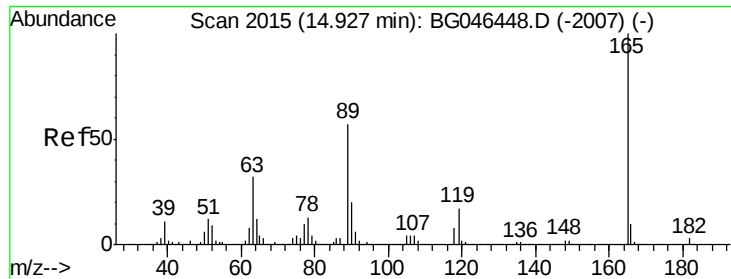
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.8	47.6
170	24.2	20.3	30.5



#51
 2,6-Dinitrotoluene
 Concen: 7.719 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.2	51.4#
89	0.0	37.0	55.4#

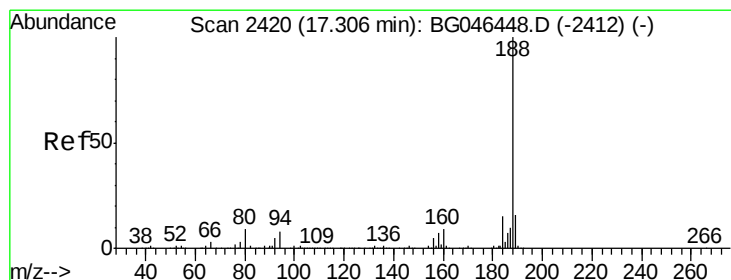
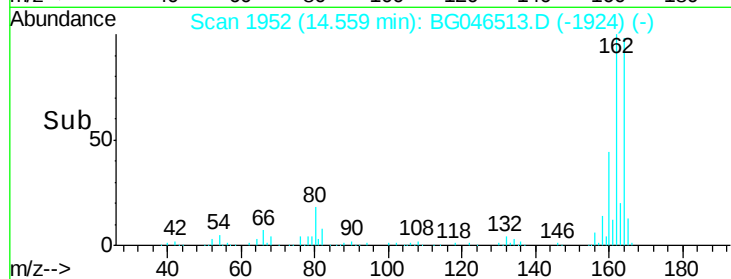
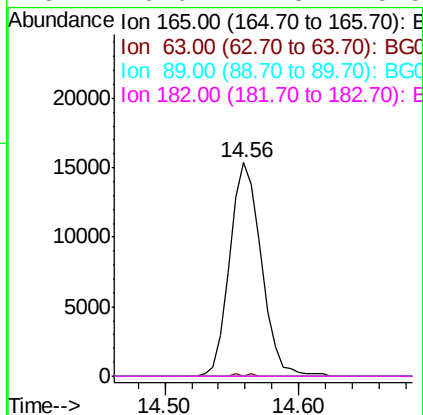
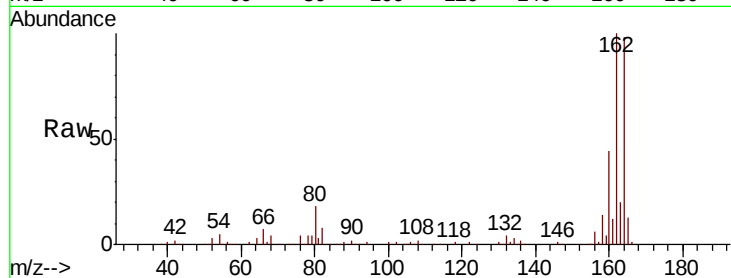




#57
 2,4-Dinitrotoluene
 Concen: 5.413 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

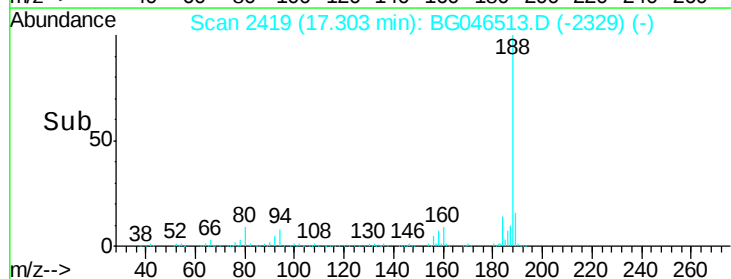
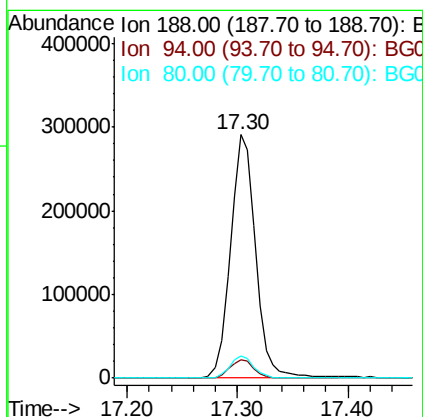
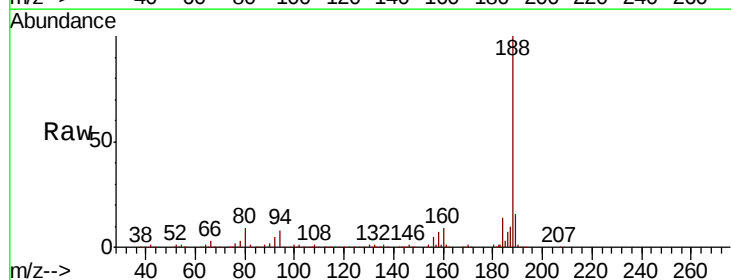
Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

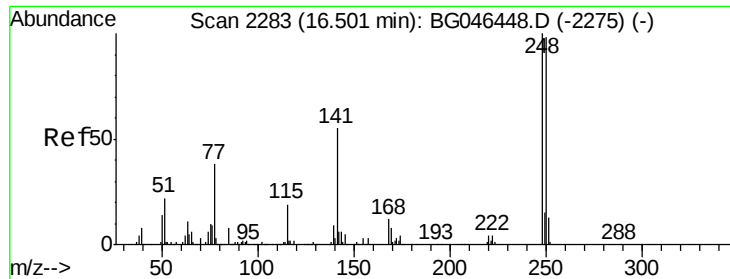
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.8	6.9	10.3

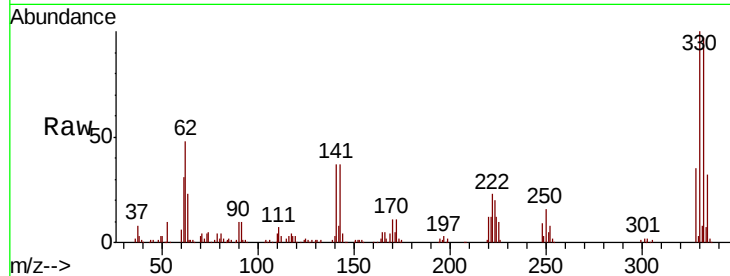




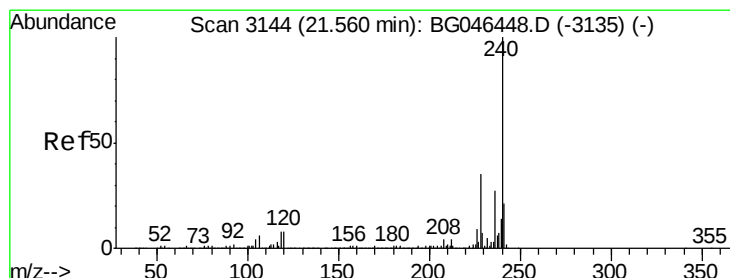
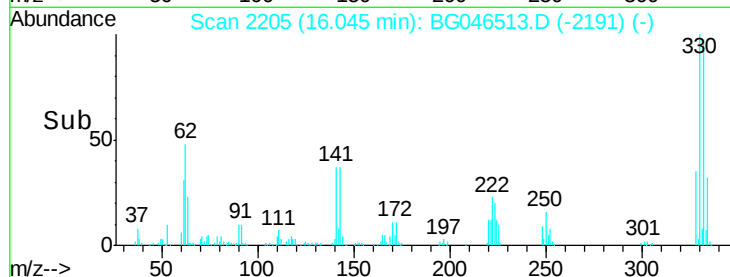
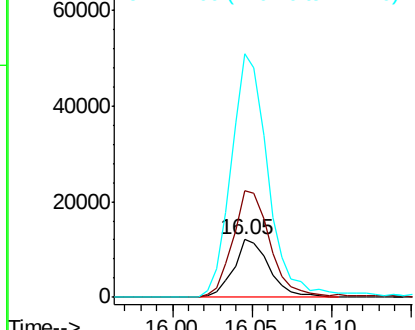
#67
 4-Bromophenyl-phenylether
 Concen: 3.508 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

Tot Ion:248 Resp: 18983
 Ion Ratio Lower Upper
 248 100
 250 185.3 78.6 118.0#
 141 423.4 43.9 65.9#

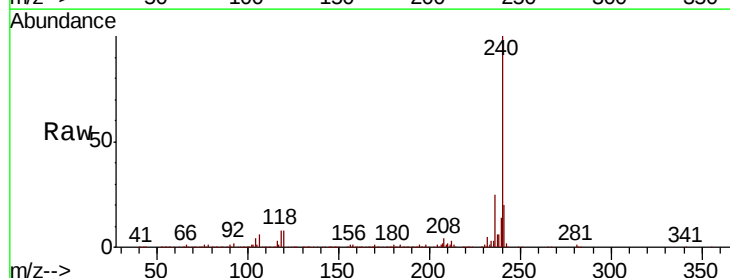


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

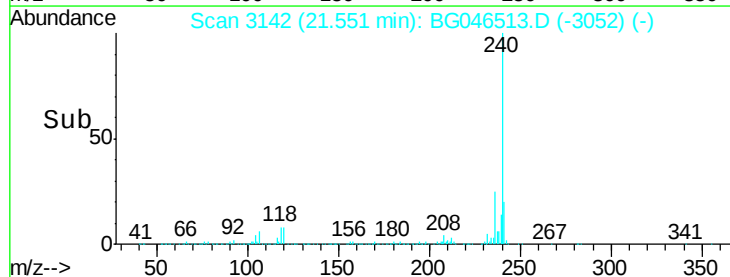
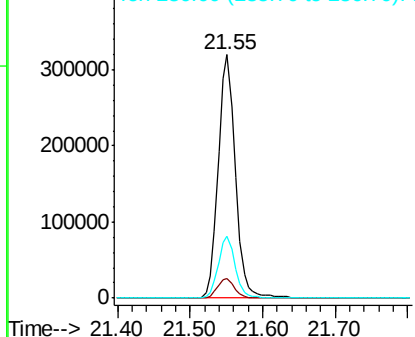


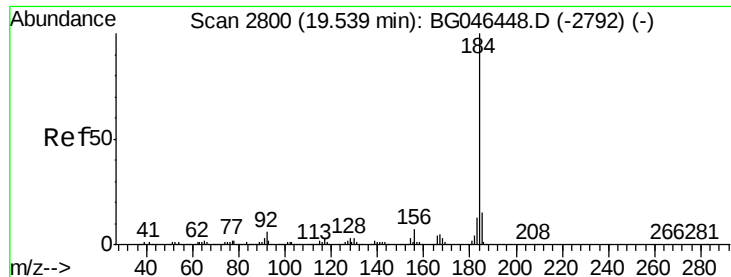
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Tgt Ion:240 Resp: 527761
 Ion Ratio Lower Upper
 240 100
 120 8.1 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: 2.099 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

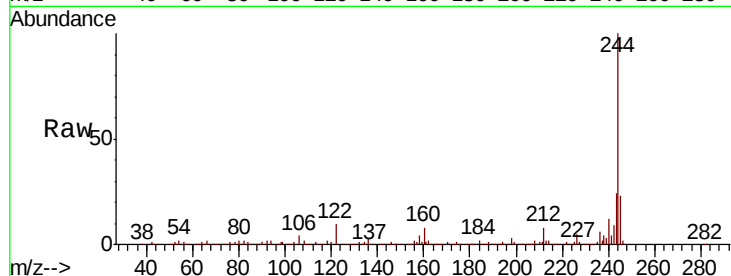
Tot Ion:184 Resp: 25745

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 13.4 10.7 16.1



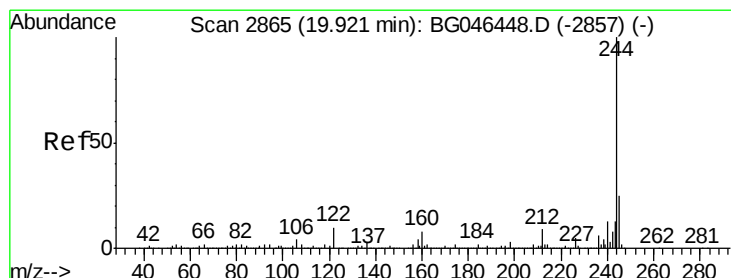
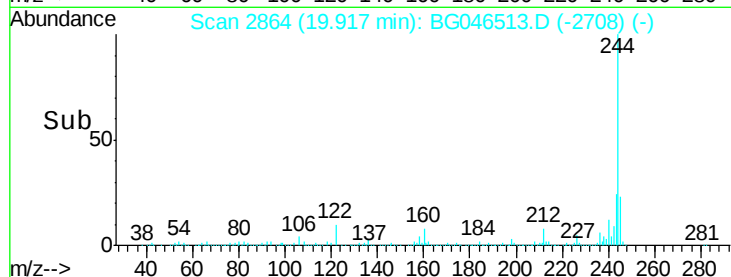
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.92

Time-->



#79

Terphenyl-d14

Concen: 67.647 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

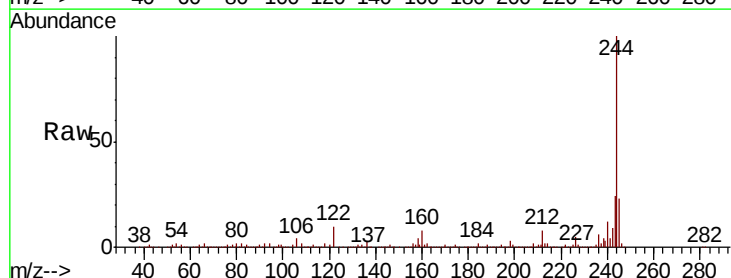
Tgt Ion:244 Resp: 1677565

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

122 9.8 8.2 12.4



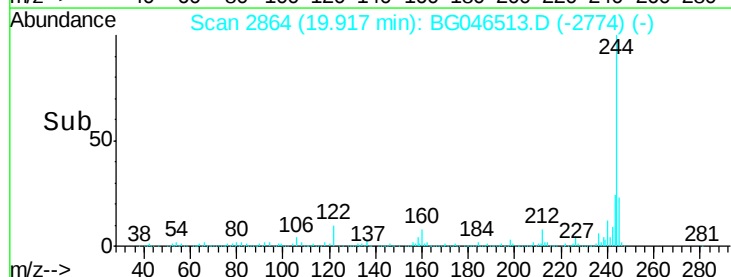
Abundance Ion 244.00 (243.70 to 244.70): E

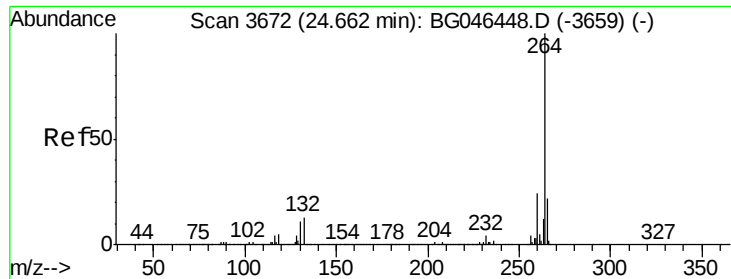
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.92

Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.8	17.9	26.9

