

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046608.D
 Acq On : 14 Sep 2020 18:11
 Operator : CG/JU
 Sample : PB131594TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131594TB

Quant Time: Sep 14 18:59:55 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

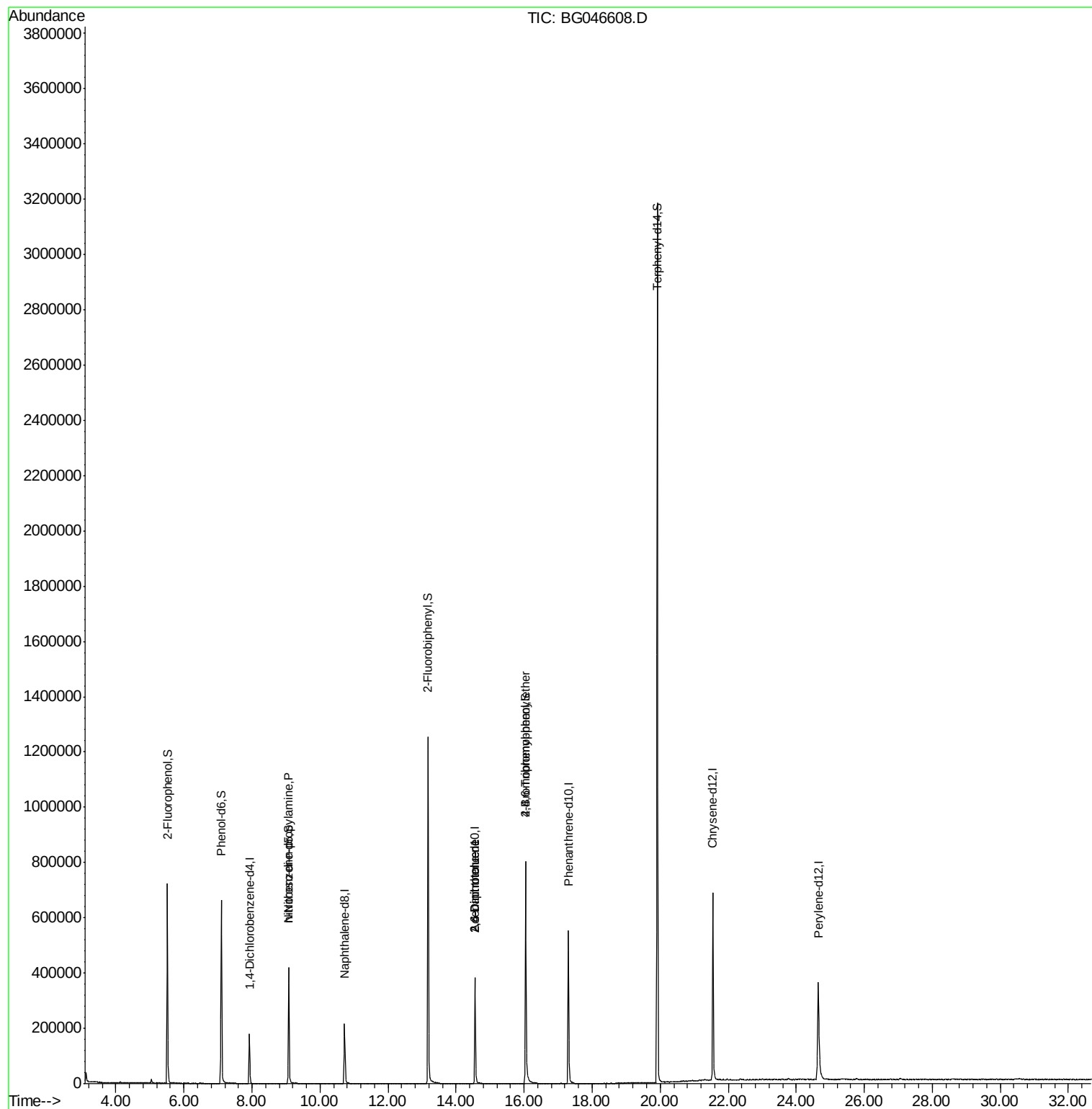
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	58892	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	228918	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	160108	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	422703	20.00	ng	0.00
76) Chrysene-d12	21.55	240	483651	20.00	ng	0.00
86) Perylene-d12	24.65	264	455917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	341887	102.82	ng	0.00
7) Phenol-d6	7.10	99	439636	93.27	ng	0.00
23) Nitrobenzene-d5	9.08	82	281965	70.40	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	204795	94.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	789048	75.23	ng	-0.01
79) Terphenyl-d14	19.92	244	1493805	65.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	35231	12.496	ng	# 79
51) 2,6-Dinitrotoluene	14.56	165	21391	7.834	ng	# 32
57) 2,4-Dinitrotoluene	14.56	165	21389	5.494	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	14631	2.967	ng	# 1

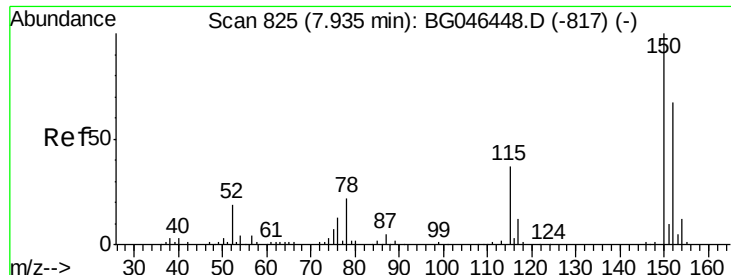
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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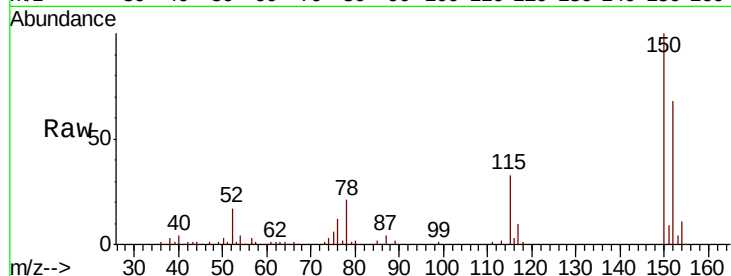


#1

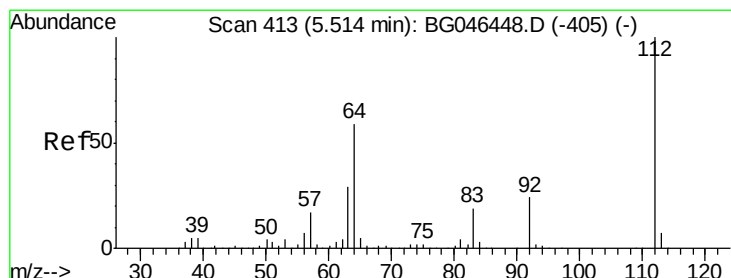
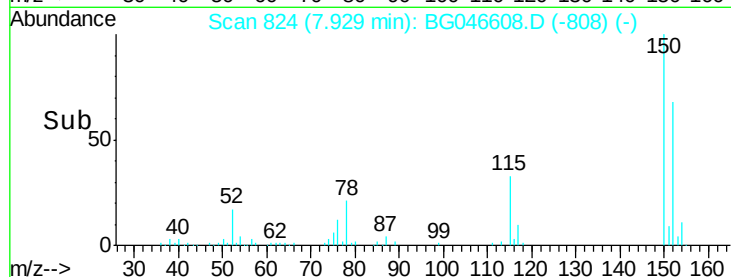
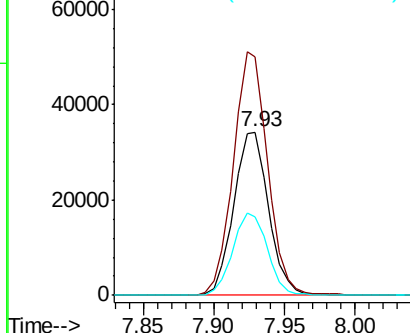
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB131594TB

Tot Ion:152 Resp: 58892
Ion Ratio Lower Upper
152 100
150 146.5 119.5 179.3
115 48.4 44.3 66.5



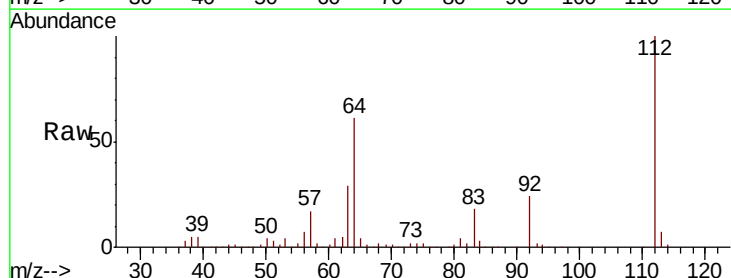
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



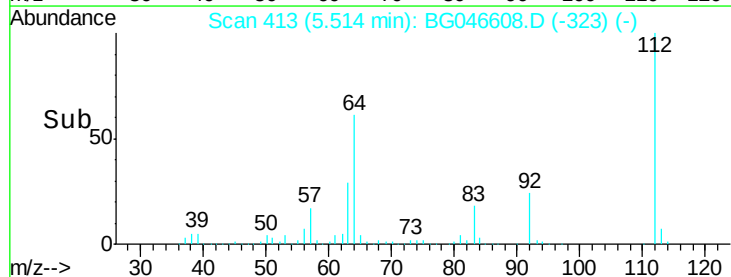
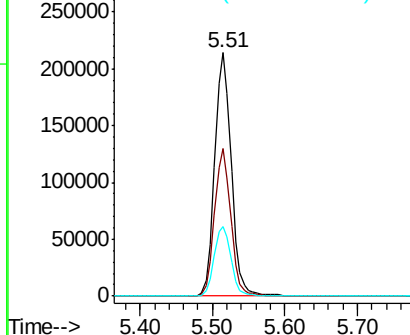
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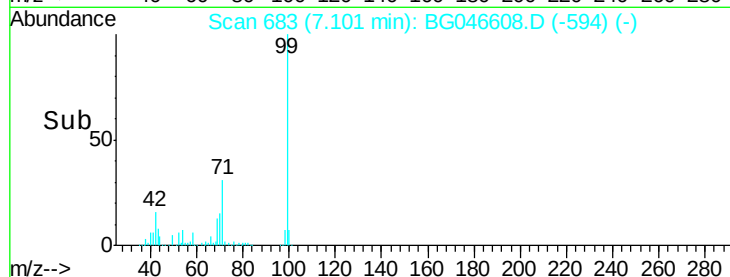
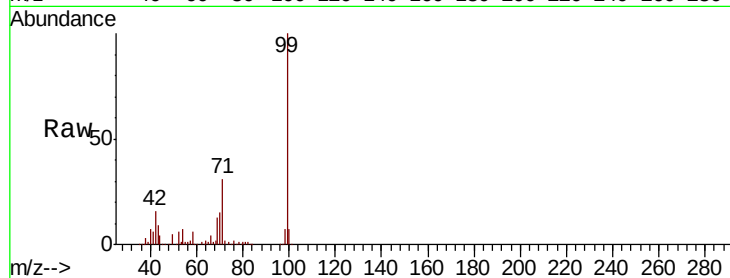
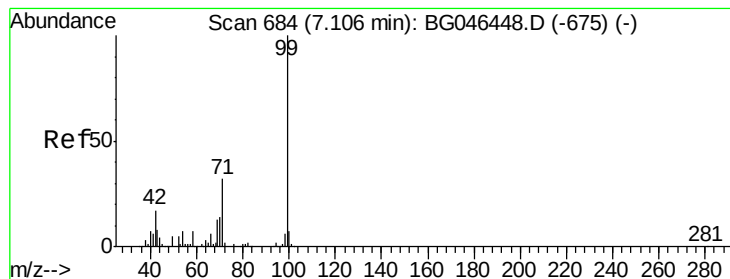
2-Fluorophenol
Concen: 102.823 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Tgt Ion:112 Resp: 341887
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 28.8 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG046608.D (-323) (-)
Ion 63.00 (62.70 to 63.70): BG046608.D (-323) (-)





#7

Phenol-d6

Concen: 93.271 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131594TB

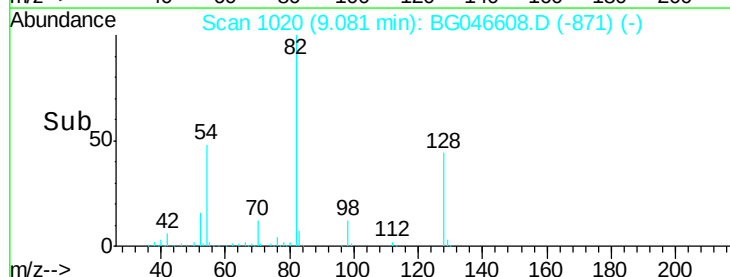
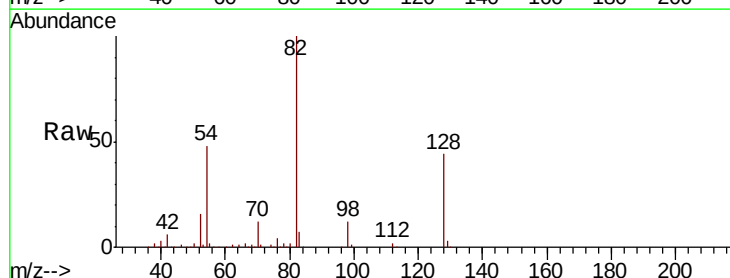
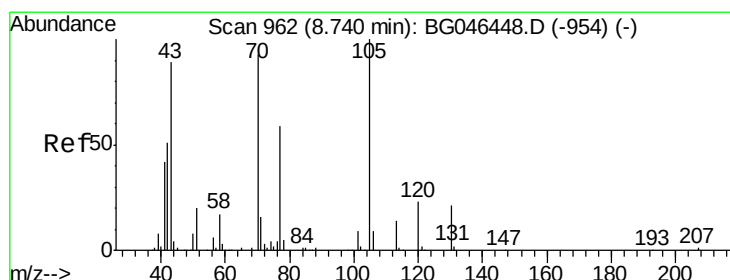
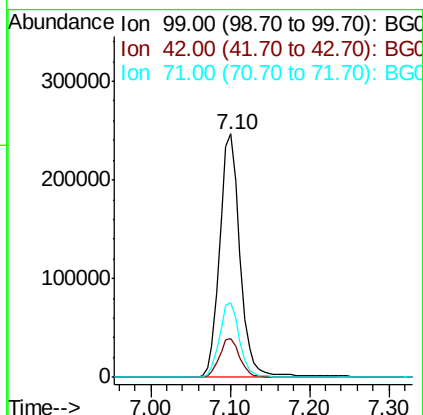
Tot Ion: 99 Resp: 439636

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

71 30.6 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.496 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

Tgt Ion: 70 Resp: 35231

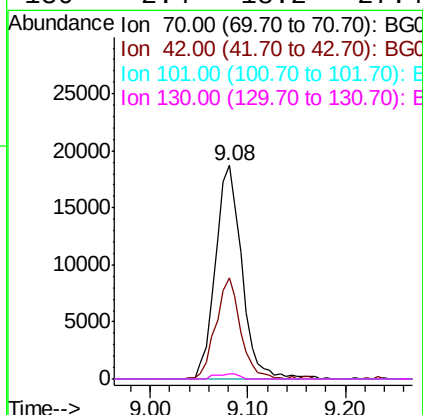
Ion Ratio Lower Upper

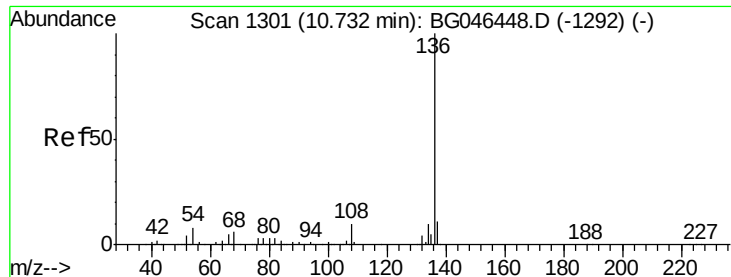
70 100

42 47.2 44.2 66.2

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

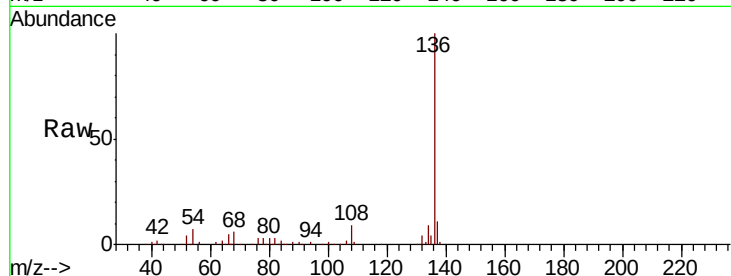




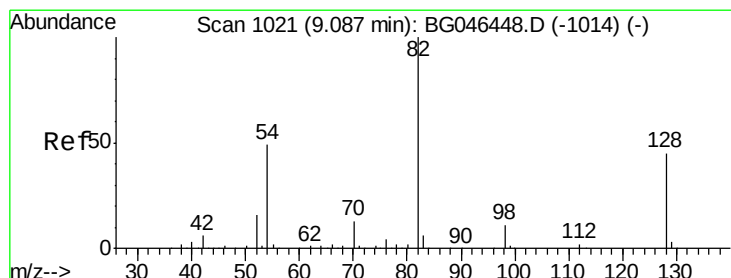
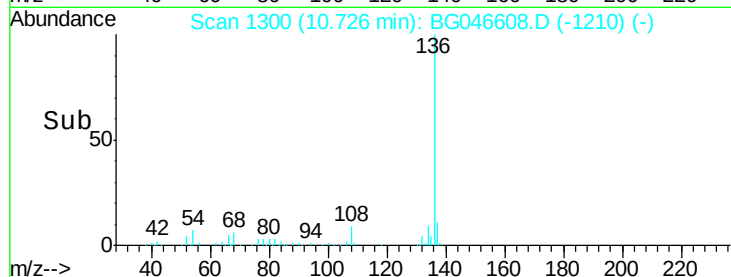
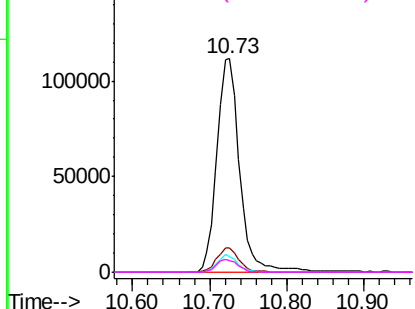
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB131594TB

Tot Ion:136	Resp:	228918
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.2	6.1	9.1
68 5.6	4.8	7.2

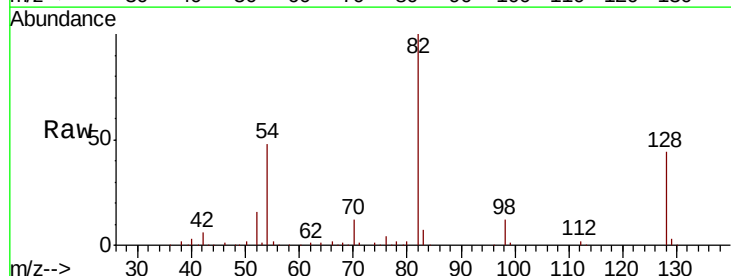


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

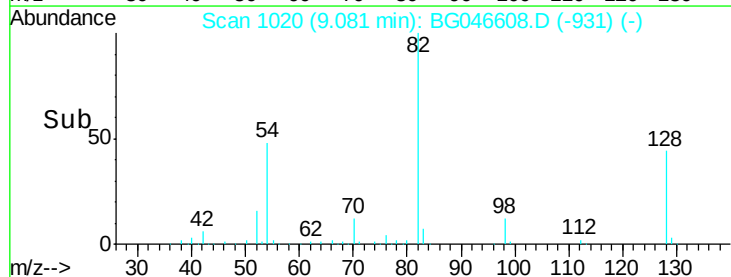
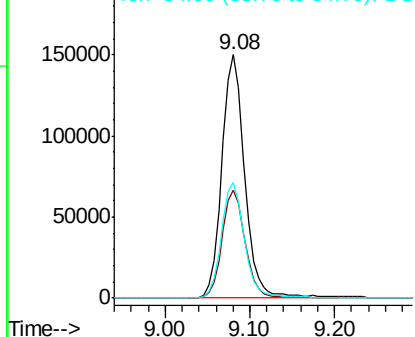


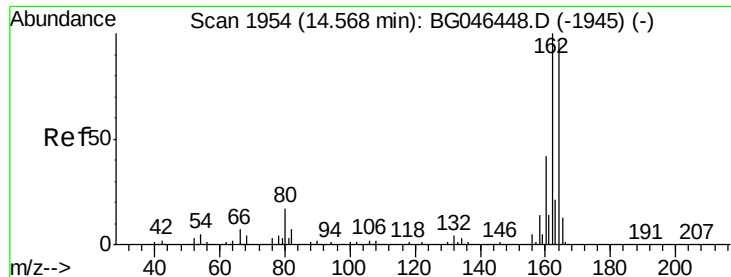
#23
Nitrobenzene-d5
Concen: 70.400 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Tgt	Ion: 82	Resp:	281965
Ion	Ratio	Lower	Upper
82	100		
128	44.3	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. -0.01 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131594TB

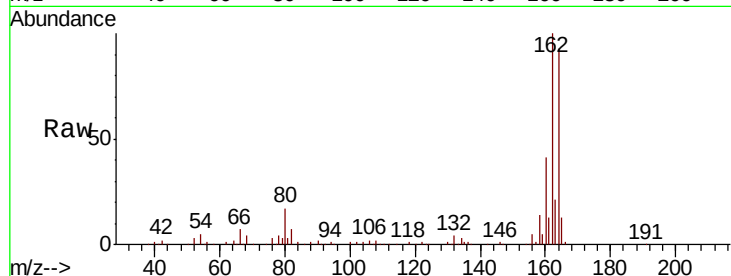
Tot Ion:164 Resp: 160108

Ion Ratio Lower Upper

164 100

162 107.7 83.3 124.9

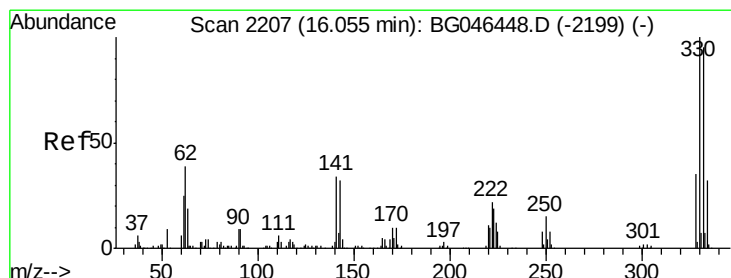
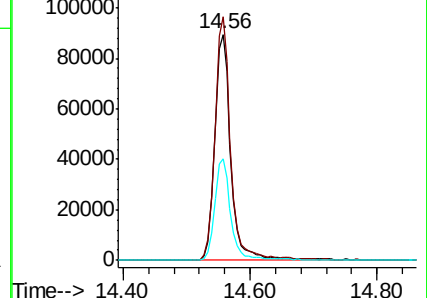
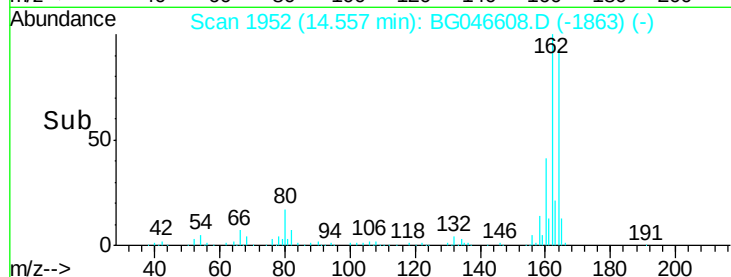
160 44.7 35.0 52.6



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: 94.404 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

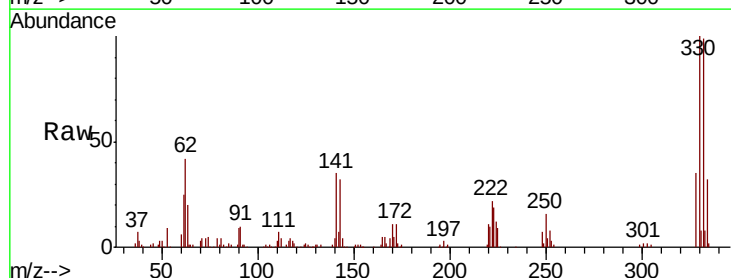
Tgt Ion:330 Resp: 204795

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

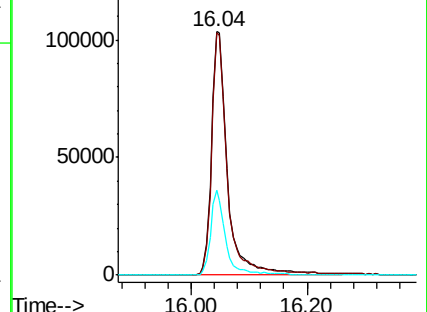
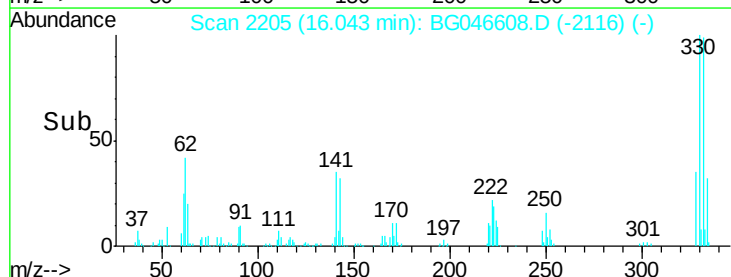
141 33.1 26.1 39.1

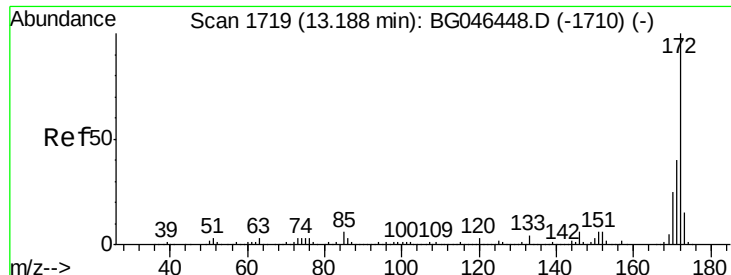


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

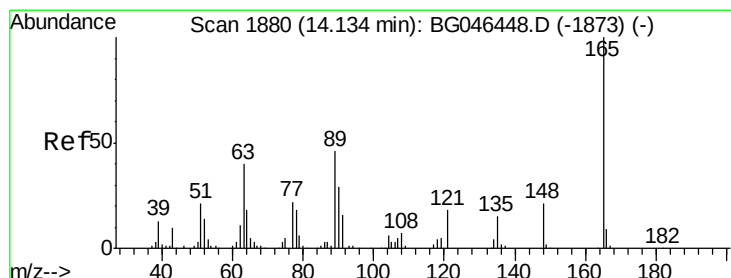
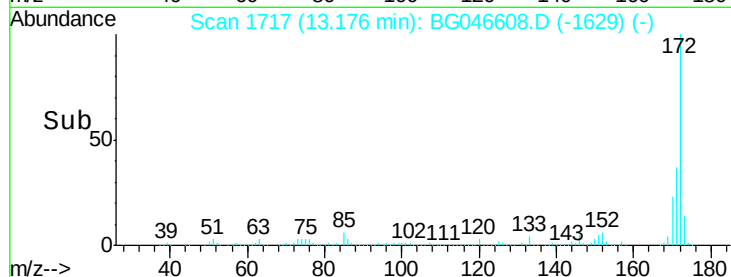
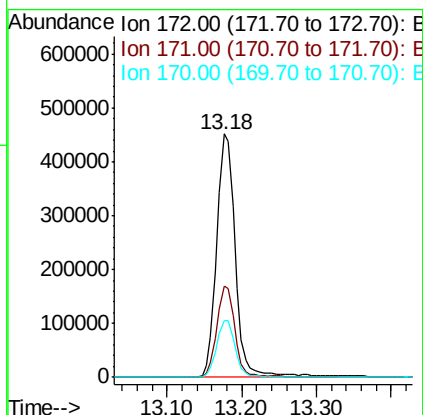
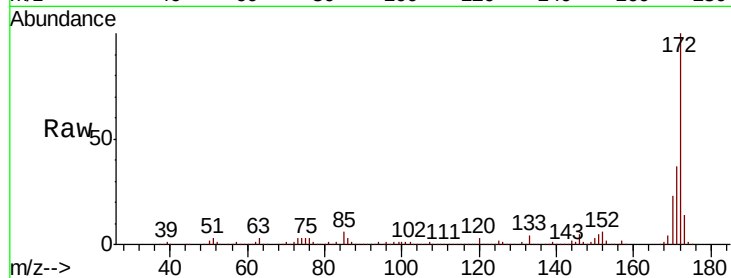




#45
 2-Fluorobiphenyl
 Concen: 75.232 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046608.D
 Acq: 14 Sep 2020 18:11

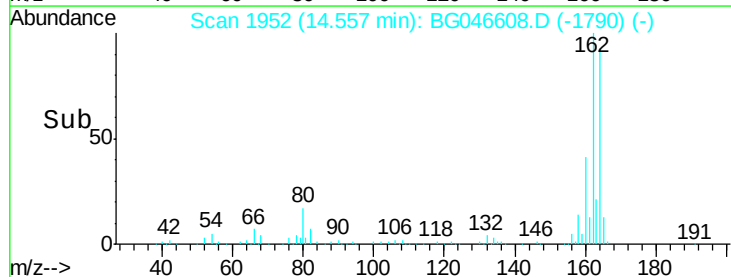
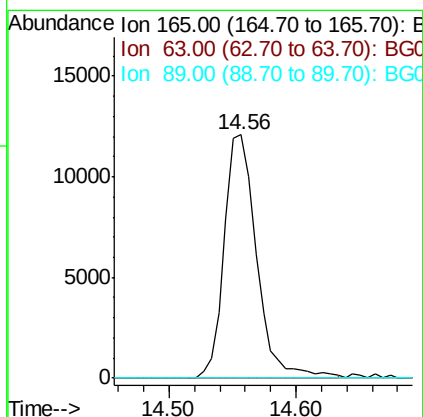
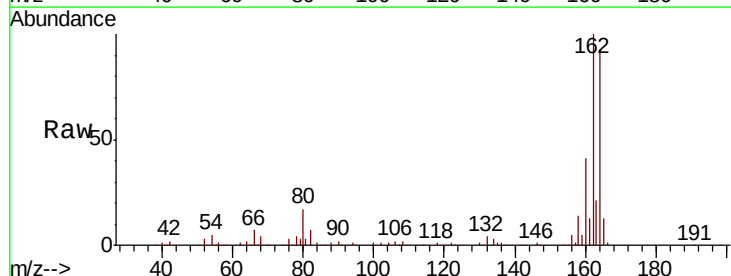
Instrument :
 BNA_G
 ClientSampleId :
 PB131594TB

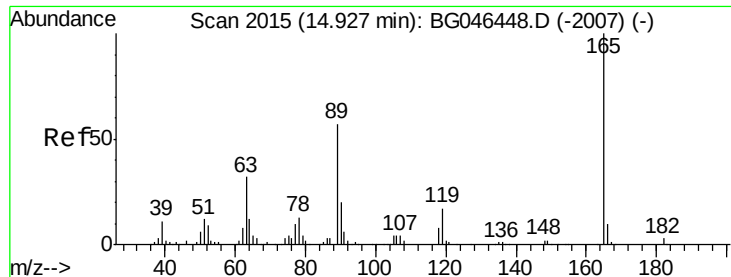
Tot Ion:172 Resp: 789048
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.6
 170 23.4 20.3 30.5



#51
 2,6-Dinitrotoluene
 Concen: 7.834 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046608.D
 Acq: 14 Sep 2020 18:11

Tgt Ion:165 Resp: 21391
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.2 51.4#
 89 0.0 37.0 55.4#

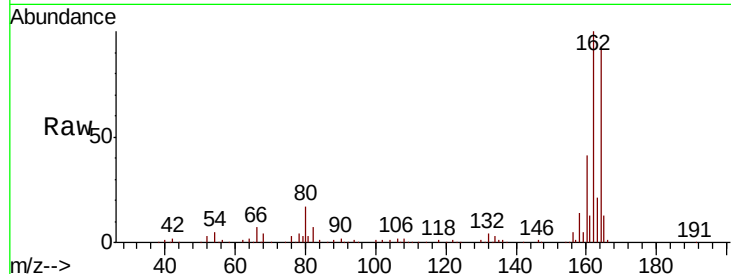




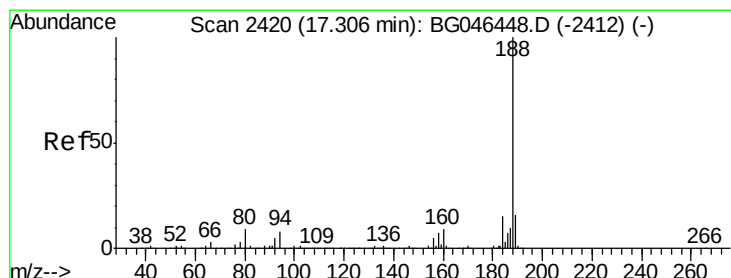
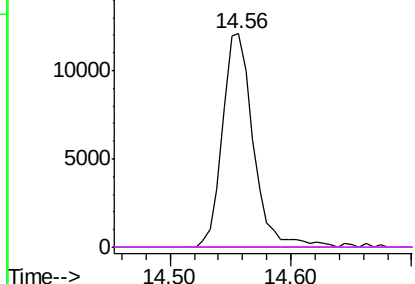
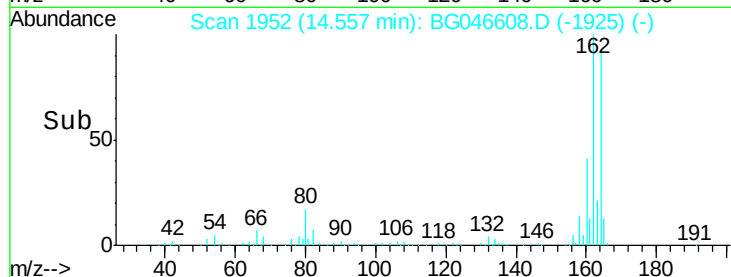
#57
 2,4-Dinitrotoluene
 Concen: 5.494 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046608.D
 Acq: 14 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131594TB

Tot Ion:165 Resp: 21389
 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#

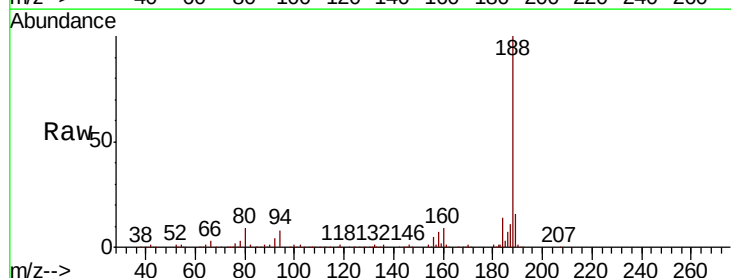


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

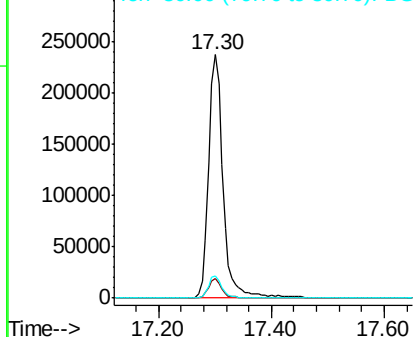
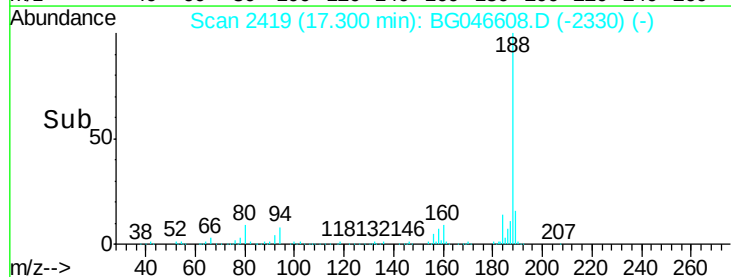


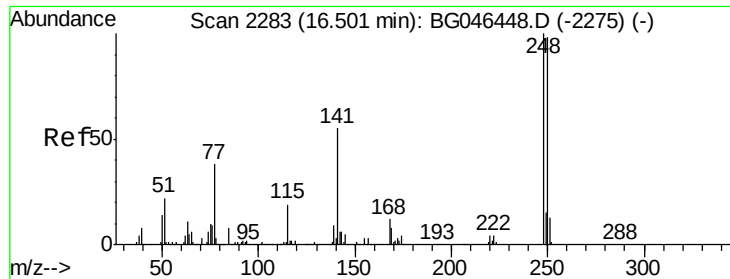
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046608.D
 Acq: 14 Sep 2020 18:11

Tgt Ion:188 Resp: 422703
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.3 9.5
 80 9.2 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

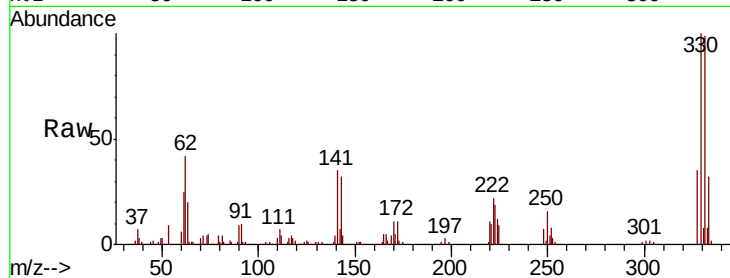




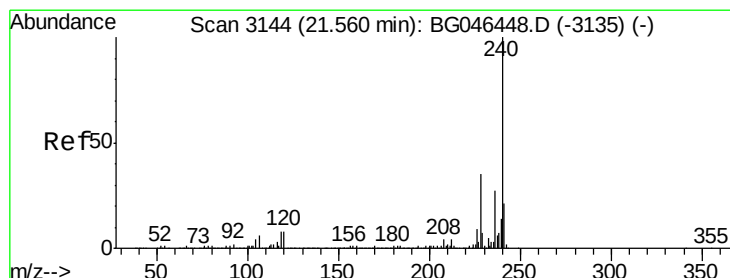
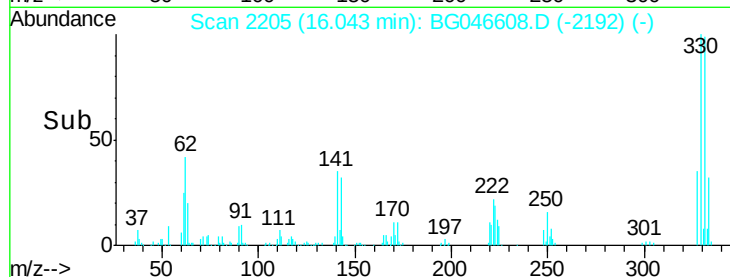
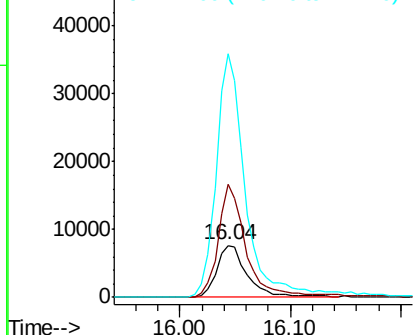
#67
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB131594TB

Tot Ion:248 Resp: 14631
Ion Ratio Lower Upper
248 100
250 219.4 78.6 118.0#
141 470.4 43.9 65.9#

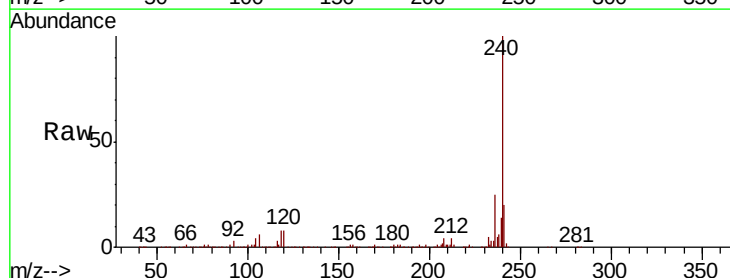


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

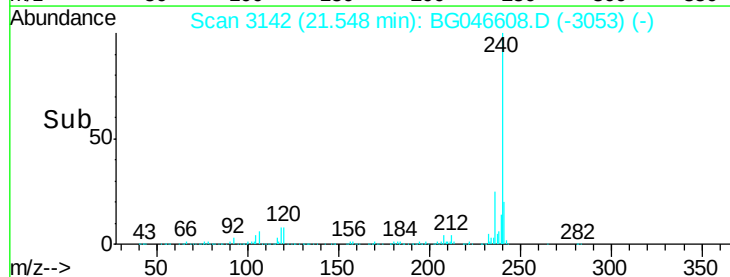
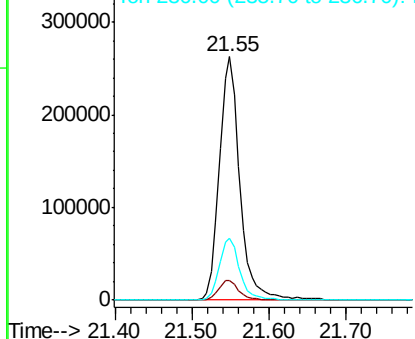


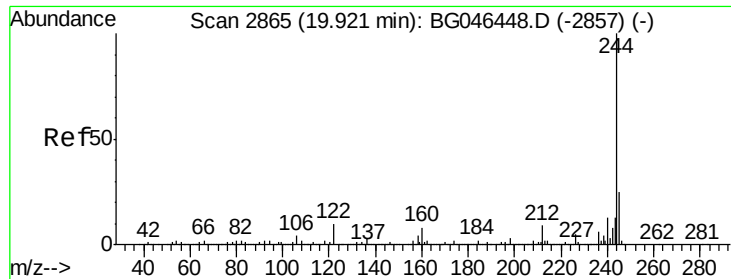
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046608.D
Acq: 14 Sep 2020 18:11

Tgt Ion:240 Resp: 483651
Ion Ratio Lower Upper
240 100
120 8.3 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





#79

Terphenyl-d14

Concen: 65.731 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131594TB

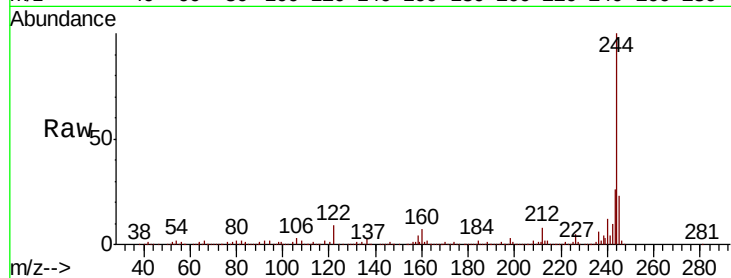
Tot Ion:244 Resp: 1493805

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

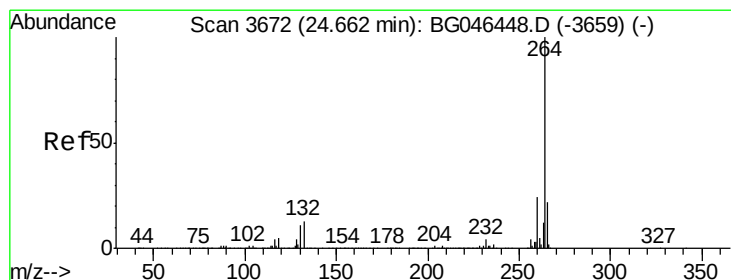
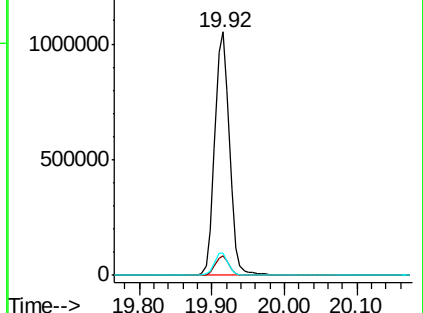
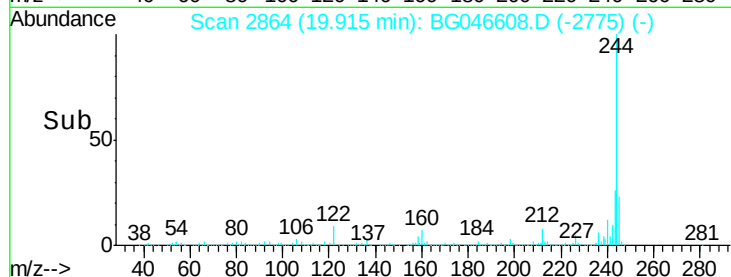
122 8.9 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046608.D

Acq: 14 Sep 2020 18:11

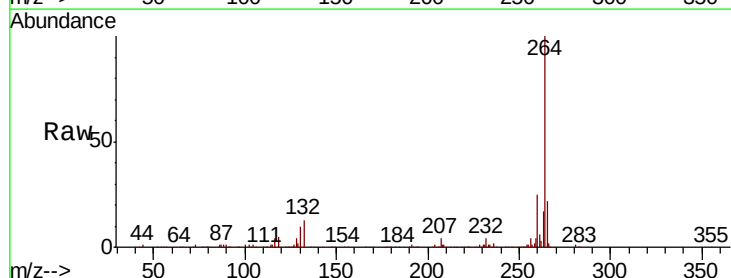
Tgt Ion:264 Resp: 455917

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.8 17.9 26.9



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

