

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046500.D
 Acq On : 2 Sep 2020 9:57
 Operator : CG/JU
 Sample : PB131340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BL

Quant Time: Sep 02 15:09:02 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

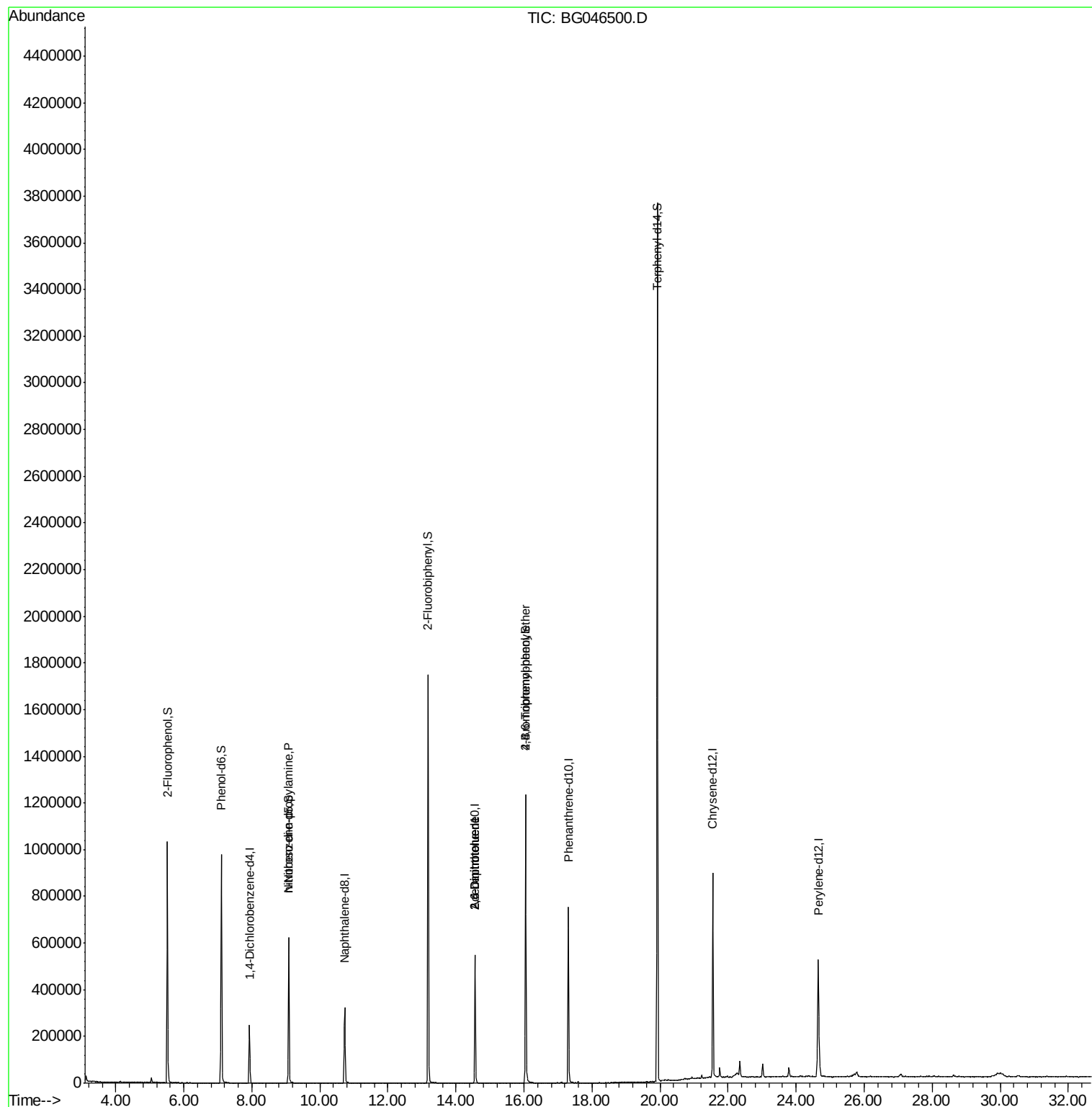
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79495	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	313788	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	208042	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500612	20.00	ng	0.00
76) Chrysene-d12	21.55	240	559066	20.00	ng	0.00
86) Perylene-d12	24.65	264	555198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	476358	106.13	ng	0.00
7) Phenol-d6	7.10	99	609504	95.80	ng	0.00
23) Nitrobenzene-d5	9.08	82	397501	72.40	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	263672	93.54	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1014936	74.47	ng	0.00
79) Terphenyl-d14	19.92	244	1684147	64.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	50911	13.377	ng	# 75
51) 2,6-Dinitrotoluene	14.56	165	26853	7.569	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	26853	5.308	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	20140	3.448	ng	# 1

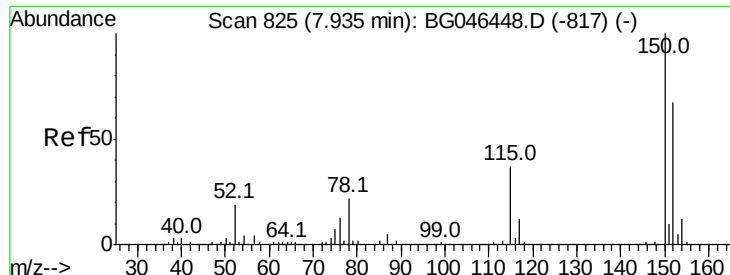
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
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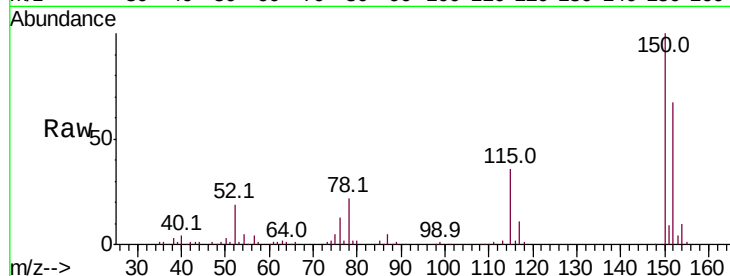


#1

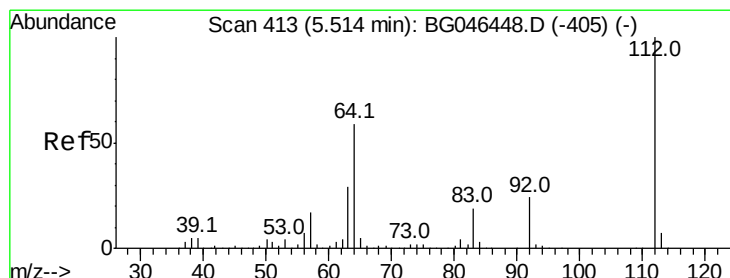
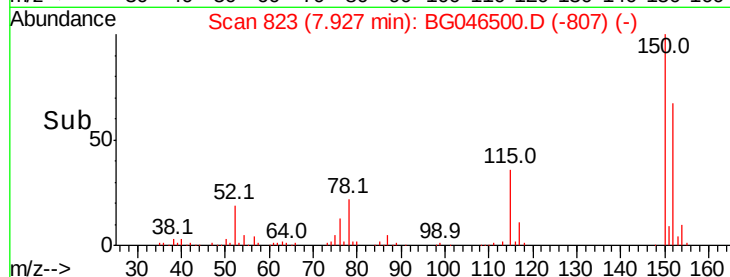
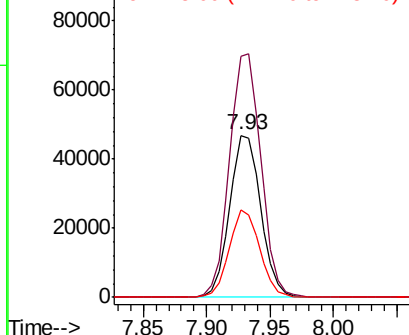
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046500.D
Acq: 2 Sep 2020 9:57

Instrument :
BNA_G
ClientSampleId :
PB131340BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.5	179.3
115	53.9	44.3	66.5



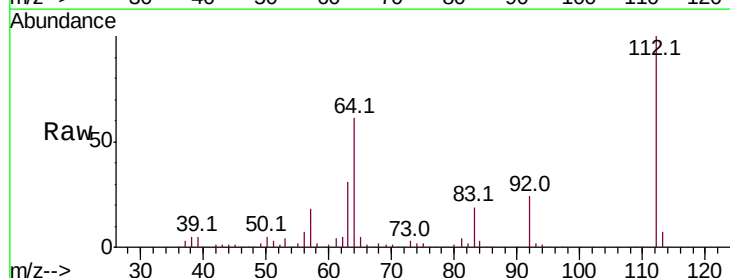
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



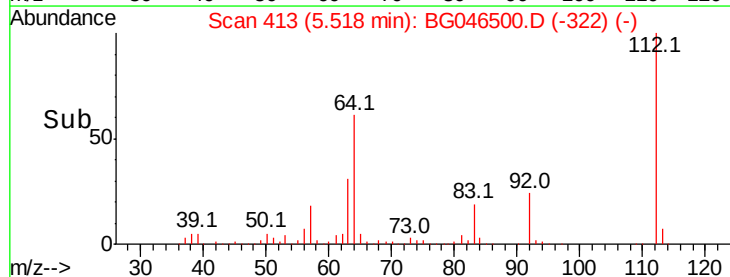
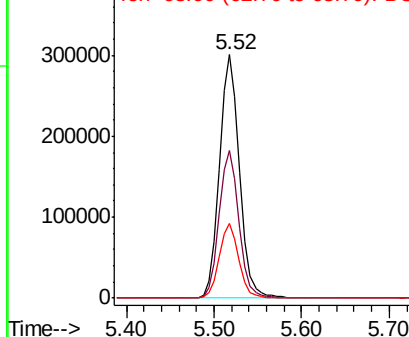
#5

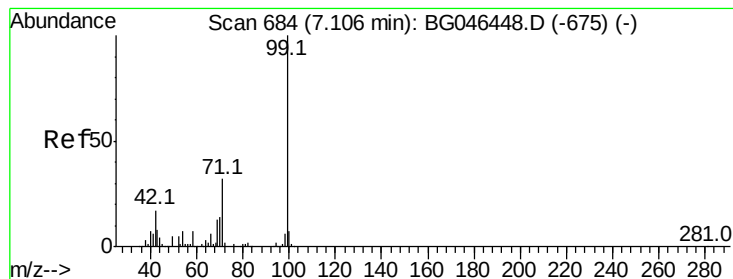
2-Fluorophenol
Concen: 106.135 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046500.D
Acq: 2 Sep 2020 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	30.7	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: 95.796 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

Instrument :

BNA_G

ClientSampleId :

PB131340BL

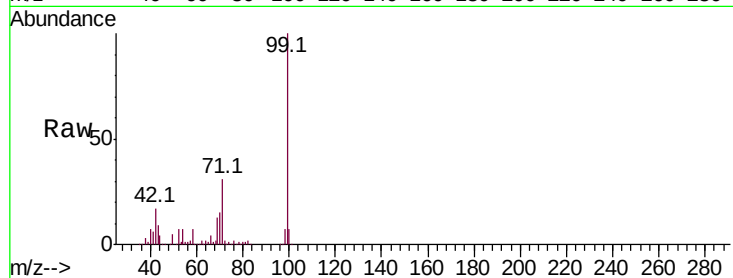
Tot Ion: 99 Resp: 609504

Ion Ratio Lower Upper

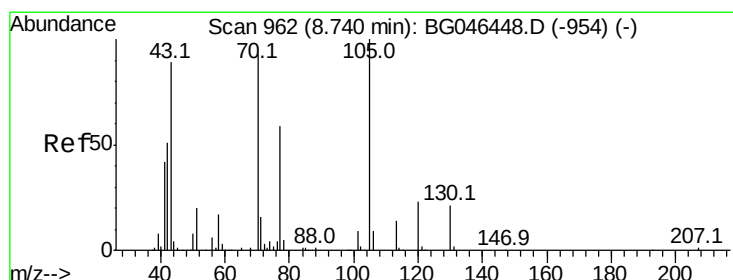
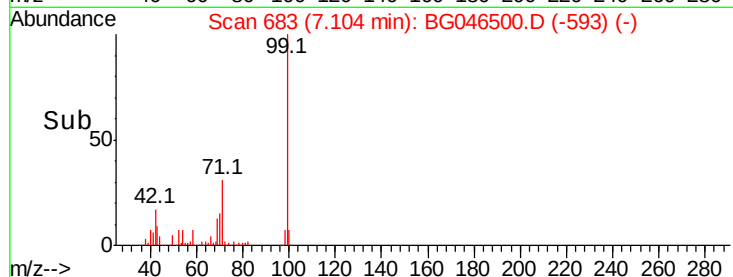
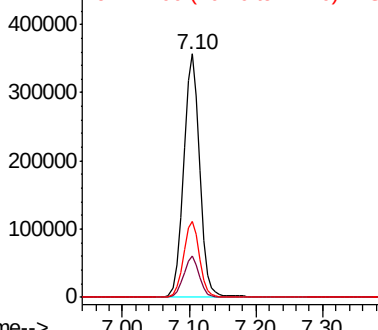
99 100

42 16.9 13.3 19.9

71 31.2 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: 13.377 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

Tgt Ion: 70 Resp: 50911

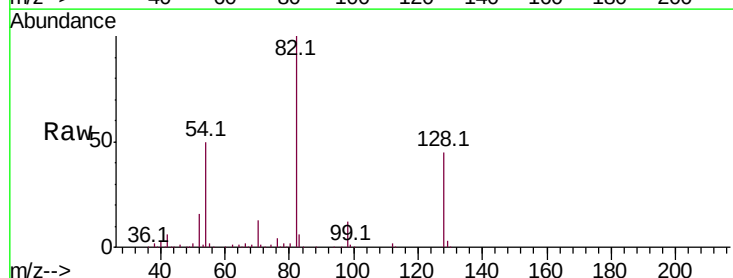
Ion Ratio Lower Upper

70 100

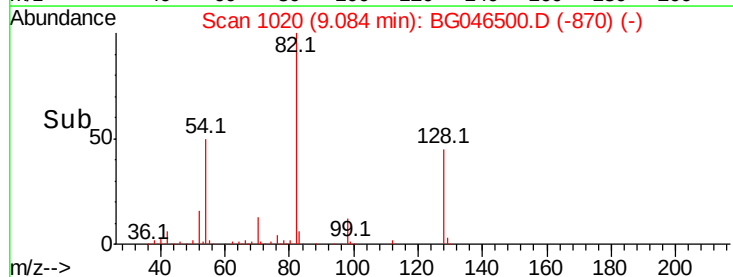
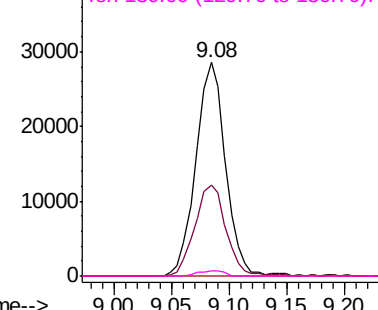
42 42.6 44.2 66.2#

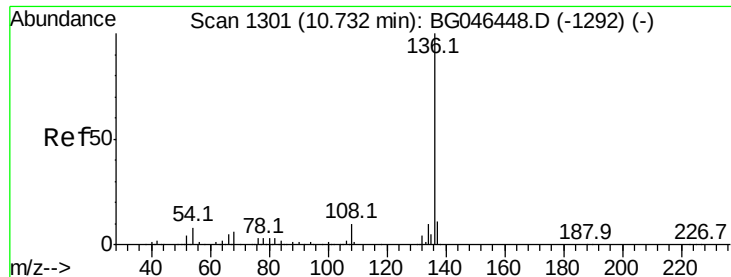
101 0.0 7.8 11.8#

130 2.6 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

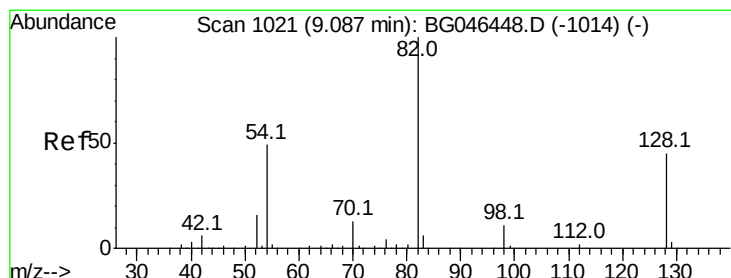
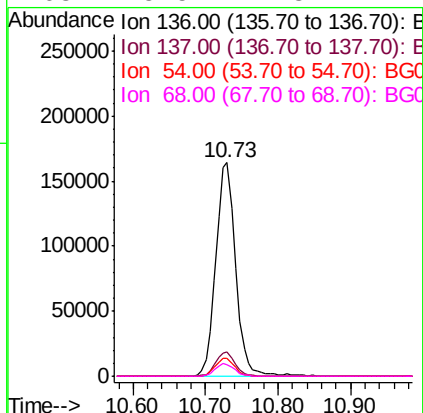
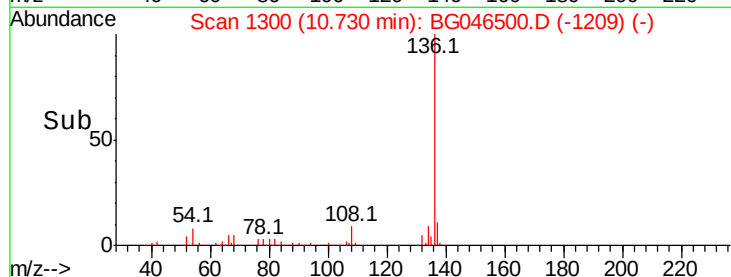
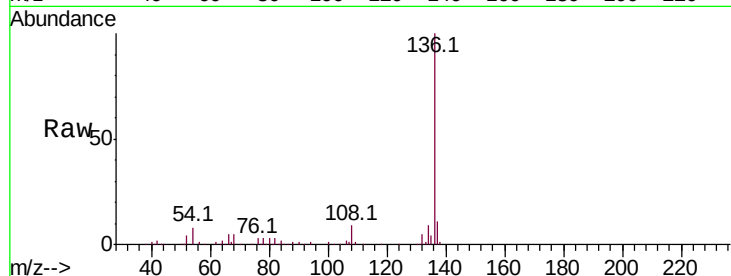




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046500.D
Acq: 2 Sep 2020 9:57

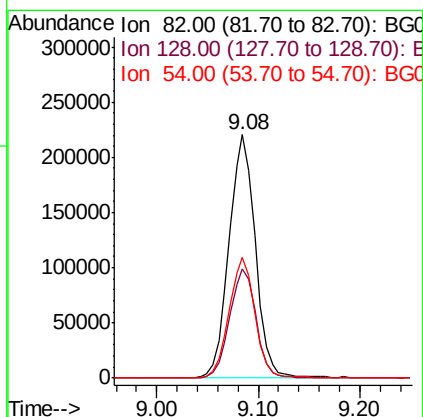
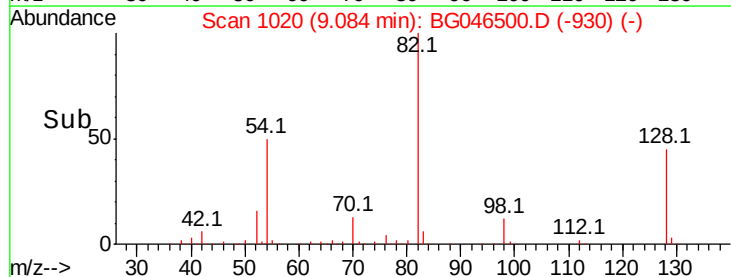
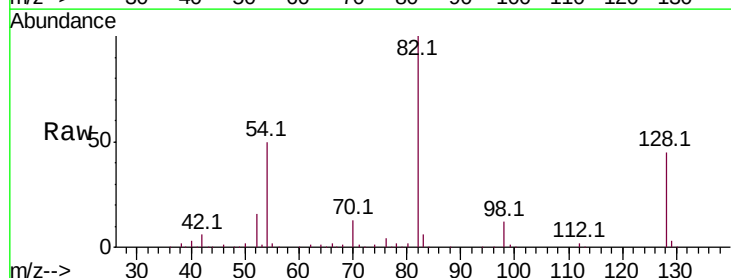
Instrument :
BNA_G
ClientSampleId :
PB131340BL

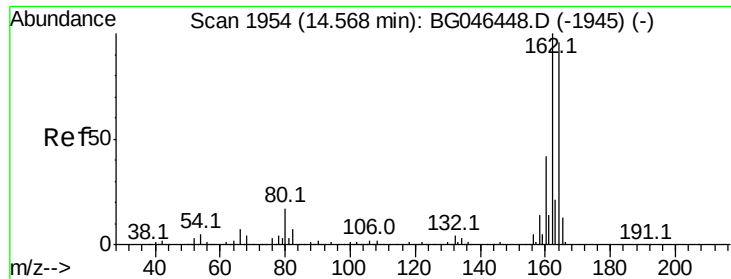
Tot Ion:136	Resp:	313788
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	8.4	6.1 9.1
68	5.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 72.403 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046500.D
Acq: 2 Sep 2020 9:57

Tgt Ion: 82	Resp:	397501
Ion	Ratio	Lower Upper
82	100	
128	44.9	35.7 53.5
54	49.6	39.4 59.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

Instrument :

BNA_G

ClientSampleId :

PB131340BL

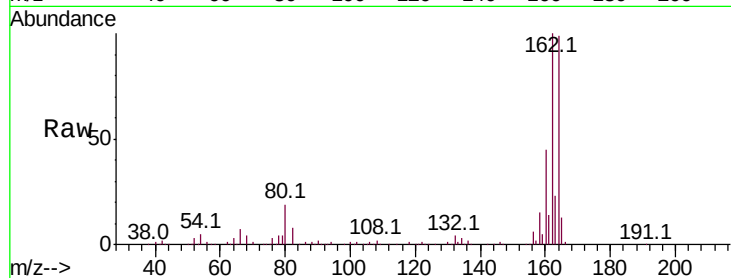
Tot Ion:164 Resp: 208042

Ion Ratio Lower Upper

164 100

162 101.3 83.3 124.9

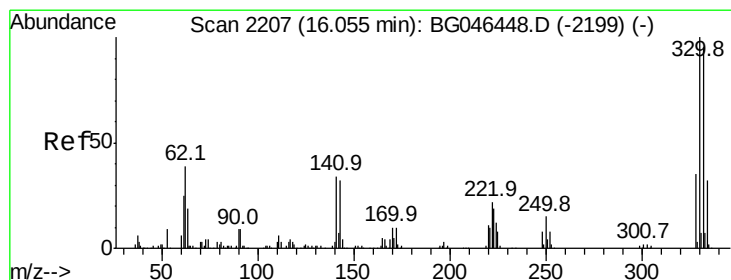
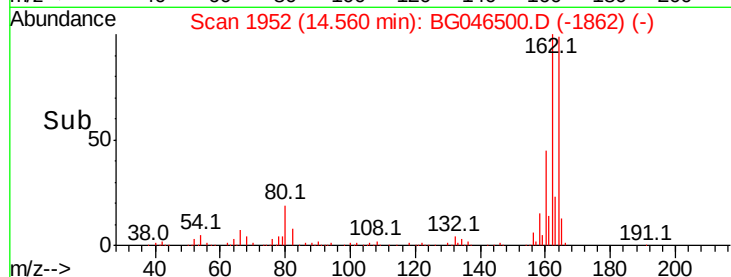
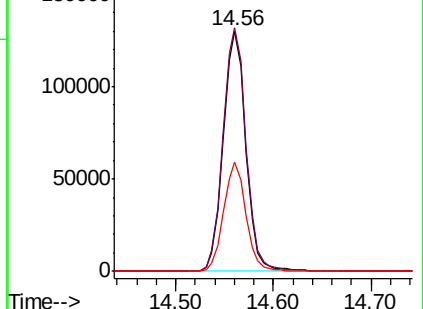
160 45.6 35.0 52.6



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: 93.540 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

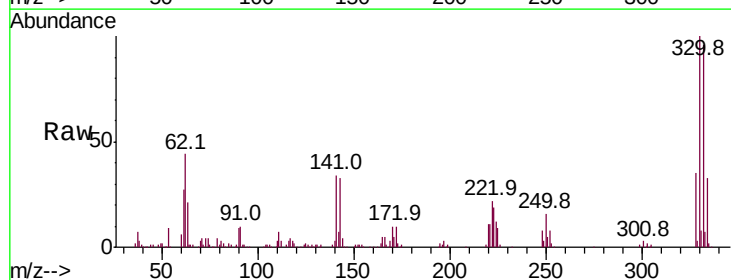
Tgt Ion:330 Resp: 263672

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

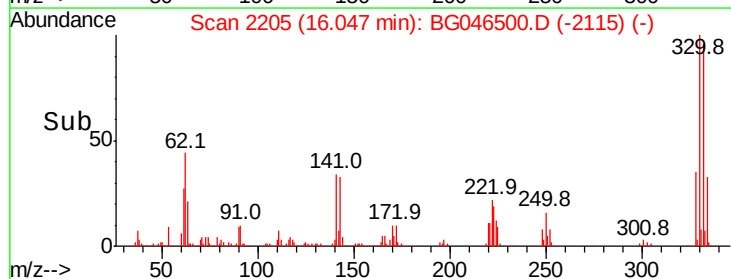
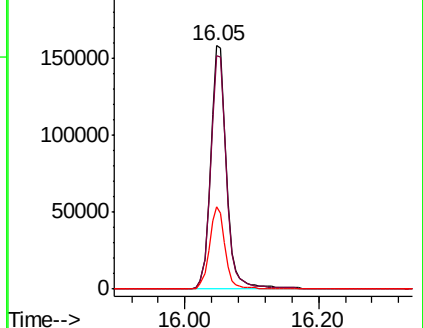
141 33.3 26.1 39.1

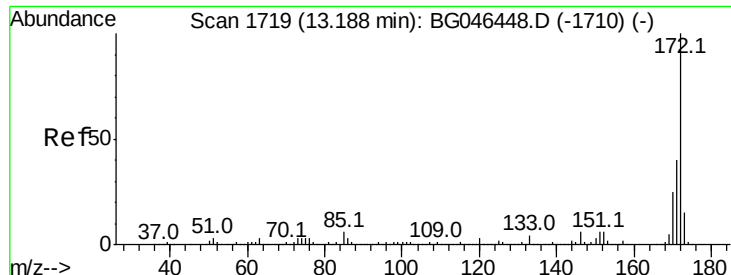


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



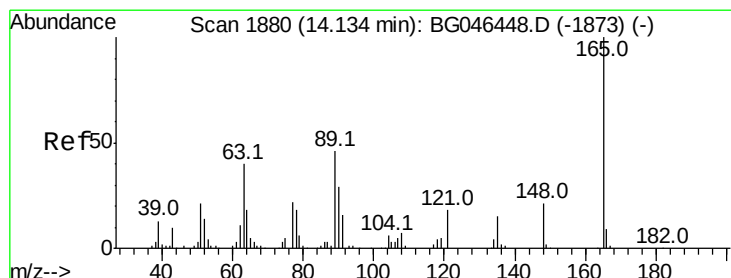
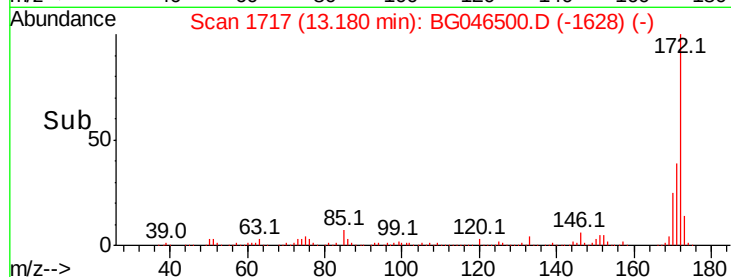
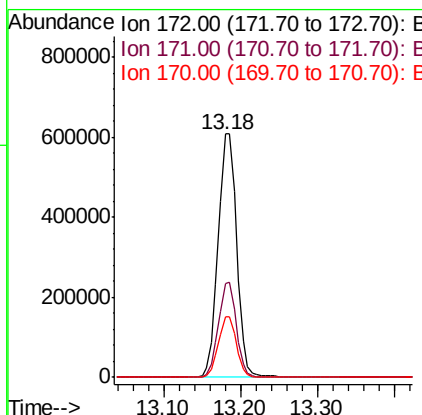
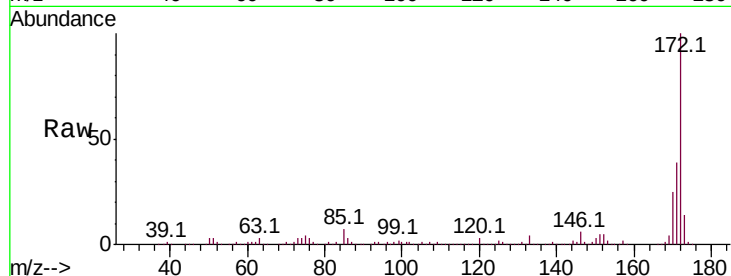


#45
 2-Fluorobiphenyl
 Concen: 74.474 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BL

Tot Ion:172 Resp: 1014936

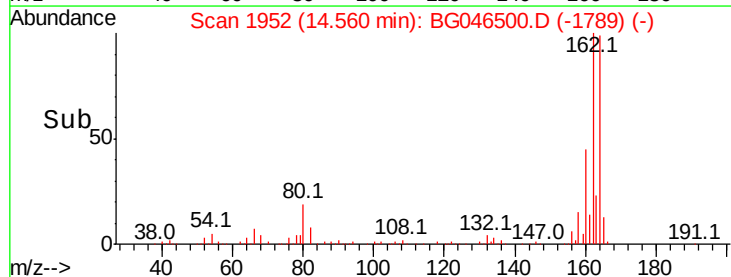
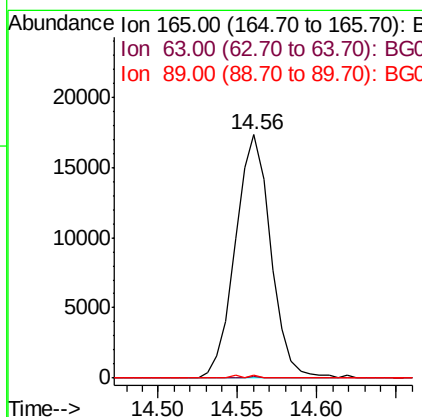
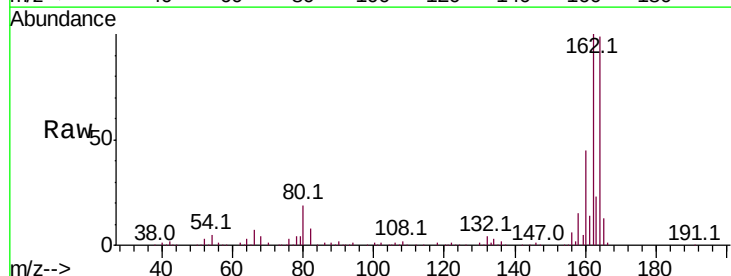
Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.8	47.6
170	24.8	20.3	30.5

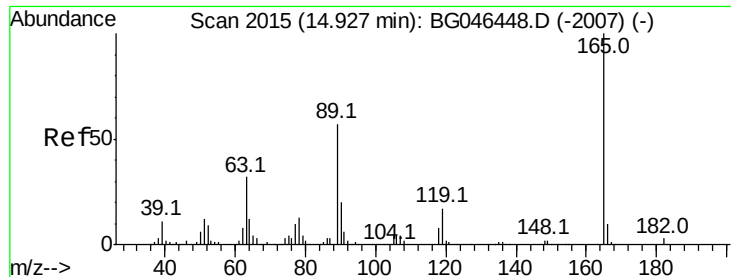


#51
 2,6-Dinitrotoluene
 Concen: 7.569 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

Tgt Ion:165 Resp: 26853

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.2	51.4#
89	1.2	37.0	55.4#

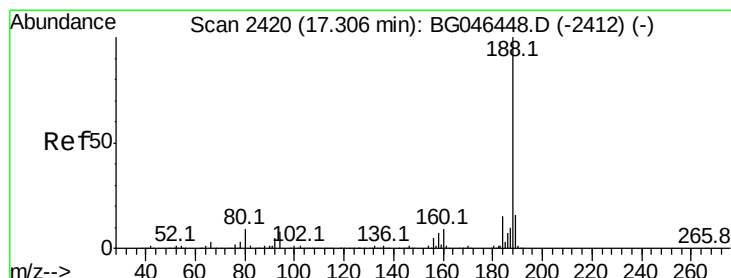
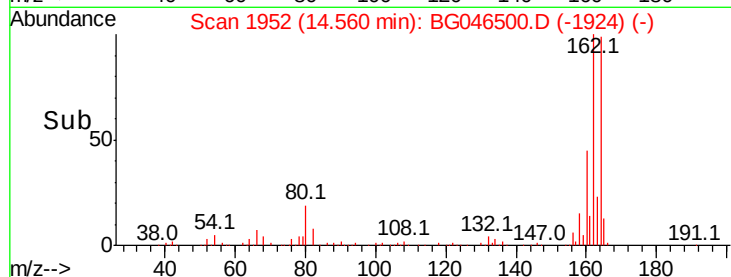
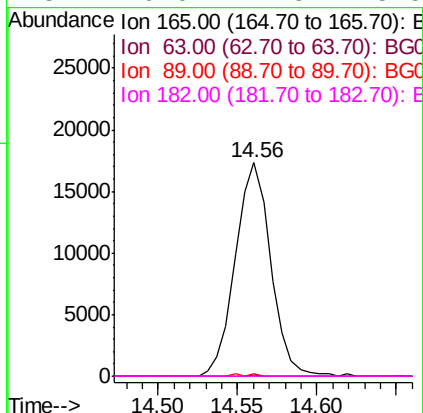
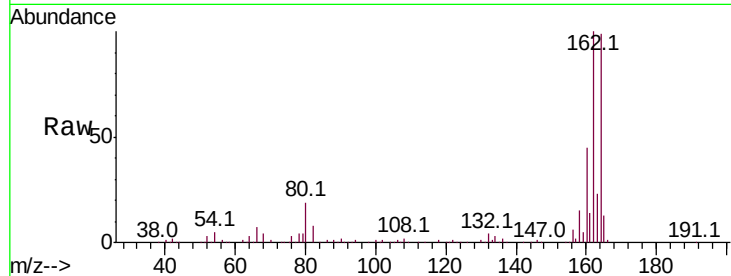




#57
 2,4-Dinitrotoluene
 Concen: 5.308 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

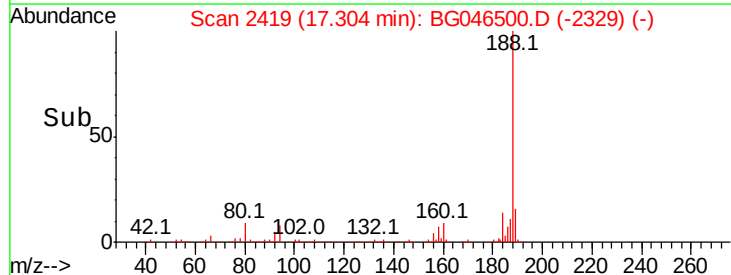
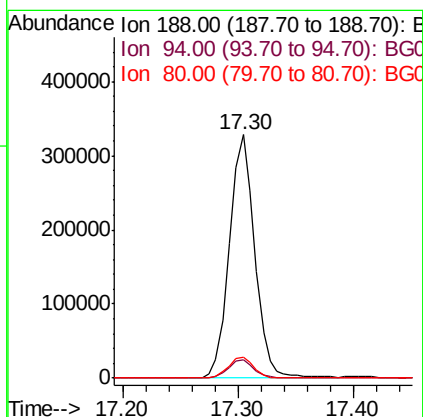
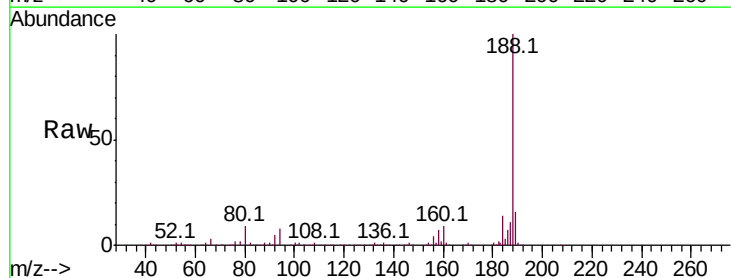
Instrument :
 BNA_G
 ClientSampleID :
 PB131340BL

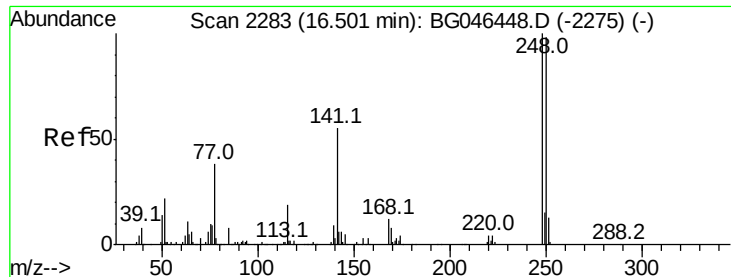
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.2	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.3	9.5
80	8.6	6.9	10.3

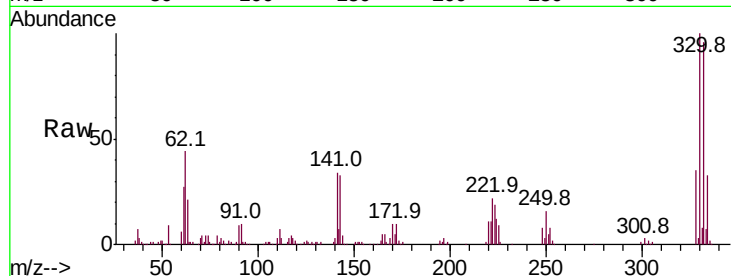




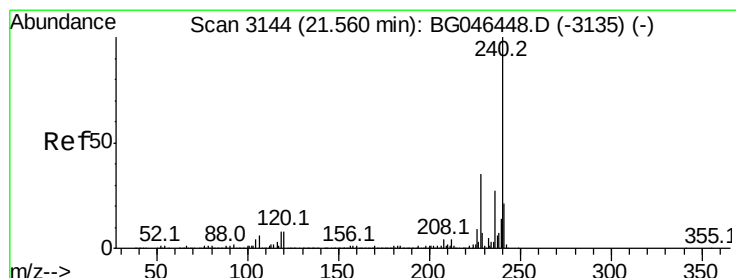
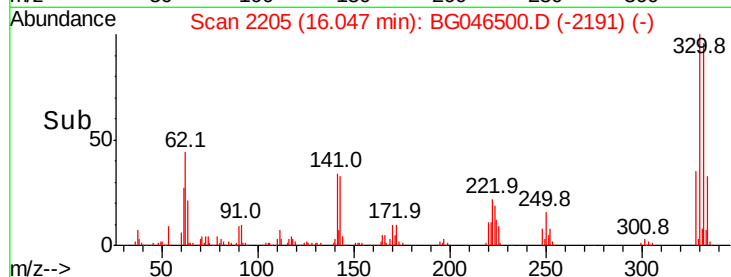
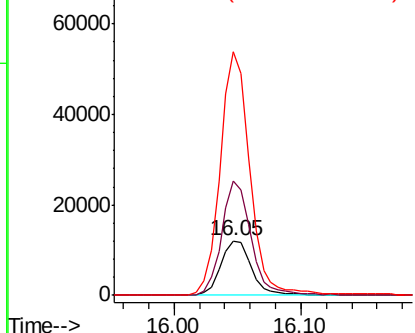
#67
 4-Bromophenyl-phenylether
 Concen: 3.448 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BL

Tot Ion:248 Resp: 20140
 Ion Ratio Lower Upper
 248 100
 250 208.5 78.6 118.0#
 141 445.8 43.9 65.9#

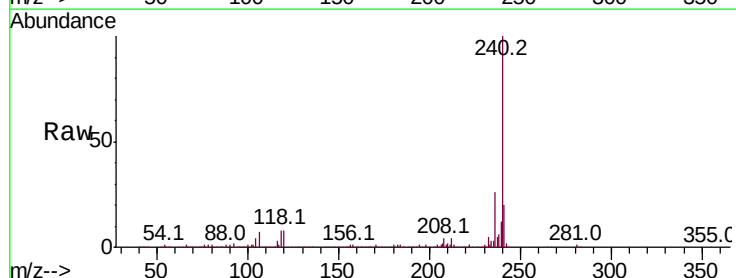


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

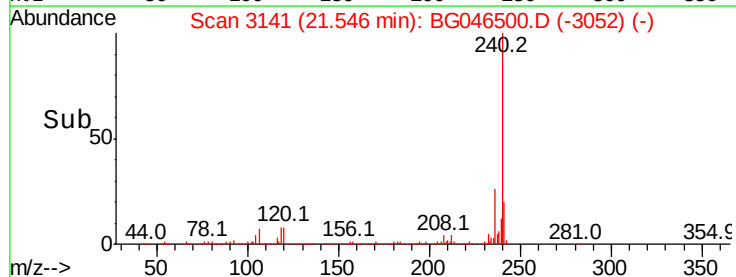
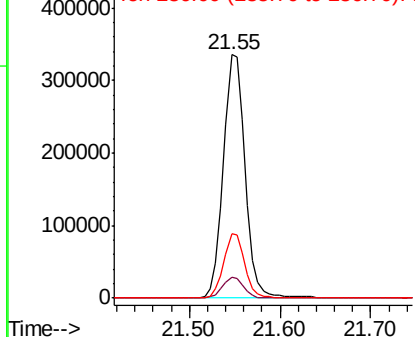


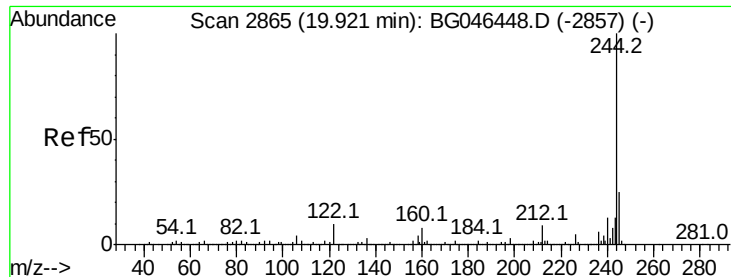
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046500.D
 Acq: 2 Sep 2020 9:57

Tgt Ion:240 Resp: 559066
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.6 10.0
 236 26.2 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: 64.110 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

Instrument :

BNA_G

ClientSampleId :

PB131340BL

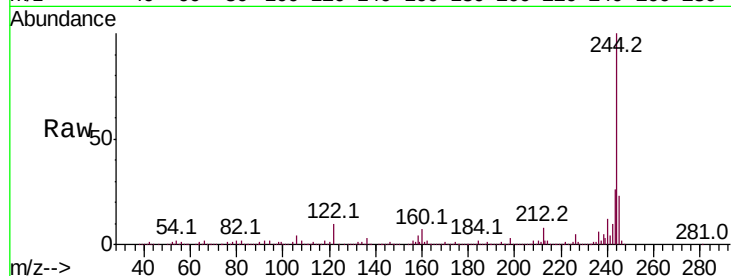
Tot Ion:244 Resp: 1684147

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.6	8.2	12.4

244 100

212 8.5 6.9 10.3

122 9.6 8.2 12.4

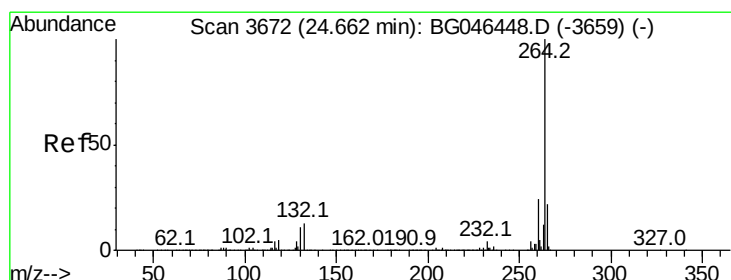
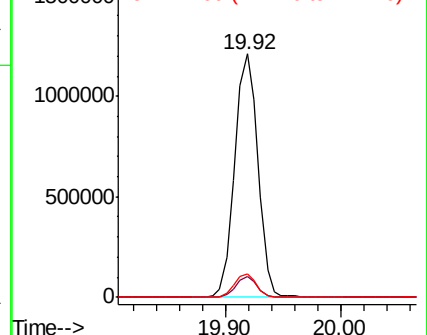
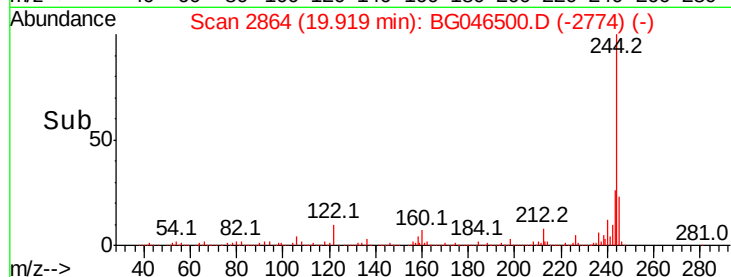


Abundance

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. -0.00 min

Lab File: BG046500.D

Acq: 2 Sep 2020 9:57

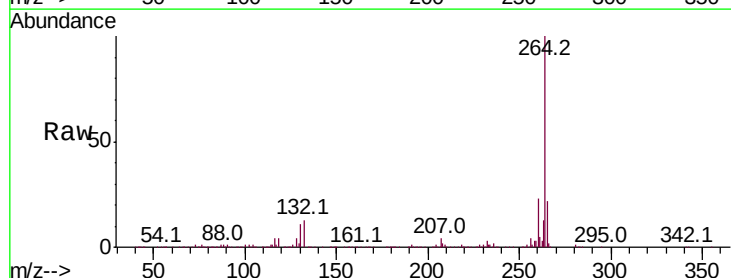
Tgt Ion:264 Resp: 555198

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.9	26.9

264 100

260 23.2 19.2 28.8

265 21.6 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

