

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050486.D
 Acq On : 7 Oct 2021 16:49
 Operator : CG/JU
 Sample : PB139688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139688BL

Quant Time: Oct 07 17:32:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

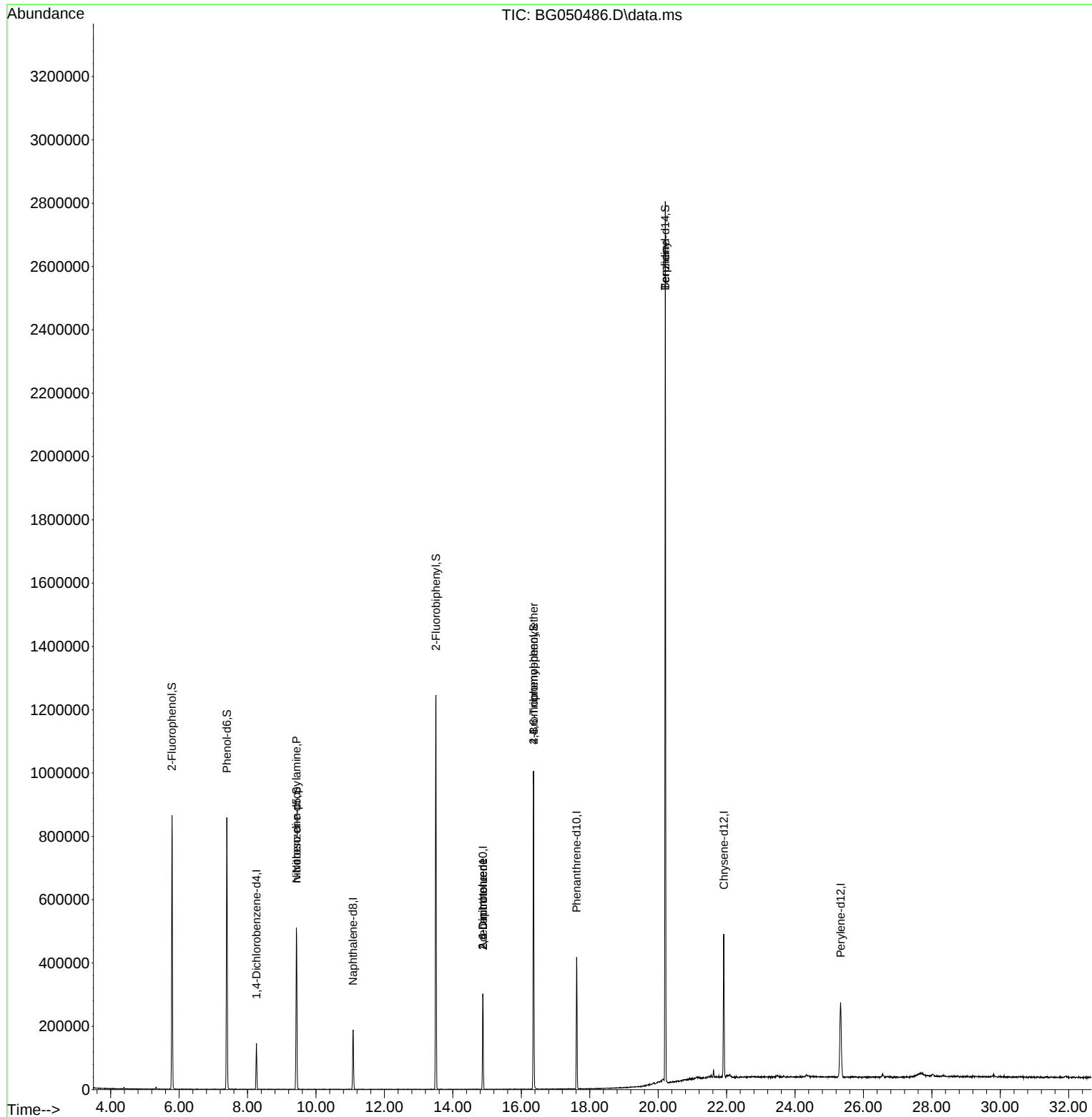
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	36211	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	153620	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	104670	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	260087	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	265564	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	251620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	343804	141.993	ng	0.00
7) Phenol-d6	7.395	99	466044	132.944	ng	0.00
23) Nitrobenzene-d5	9.428	82	333680	89.916	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	140485	140.715	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	615872	88.555	ng	0.00
79) Terphenyl-d14	20.209	244	1174340	86.178	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.389	77	1101	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	47356	18.534	ng	# 70
51) 2,6-Dinitrotoluene	14.874	165	13361	8.431	ng	# 14
57) 2,4-Dinitrotoluene	14.874	165	13361	5.982	ng	# 19
67) 4-Bromophenyl-phenylether	16.361	248	11504	4.389	ng	# 1
77) Benzidine	20.209	184	25535	2.967	ng	# 94

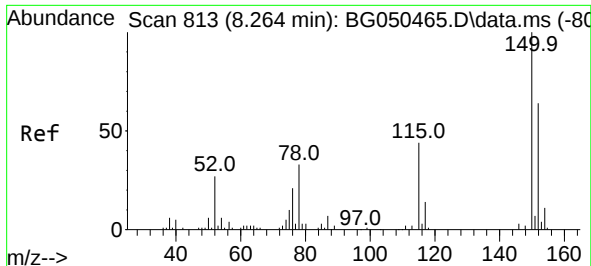
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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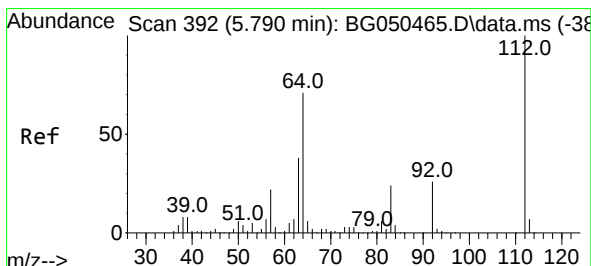
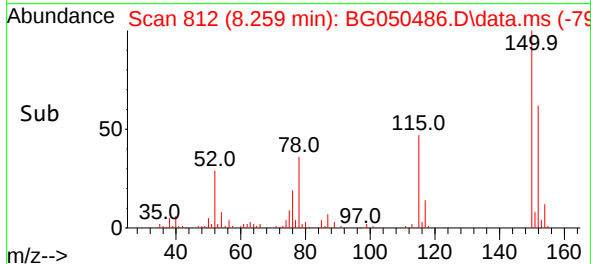
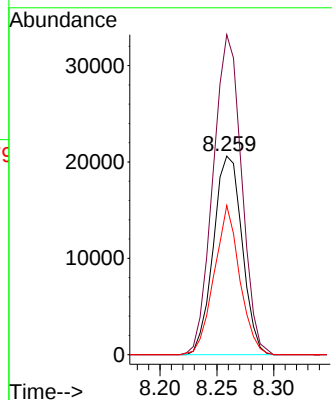
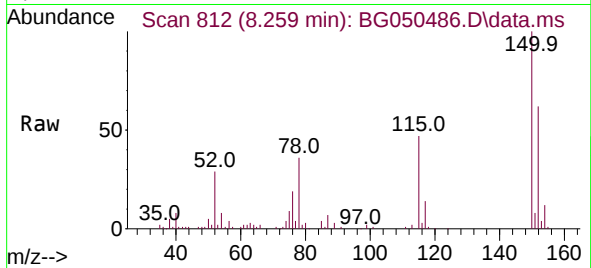




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

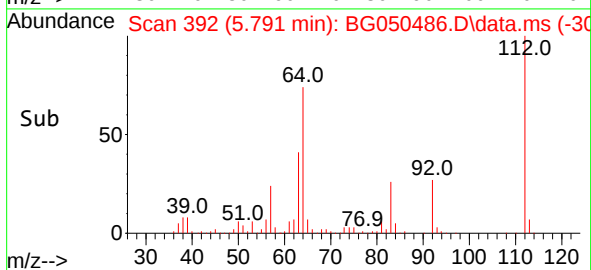
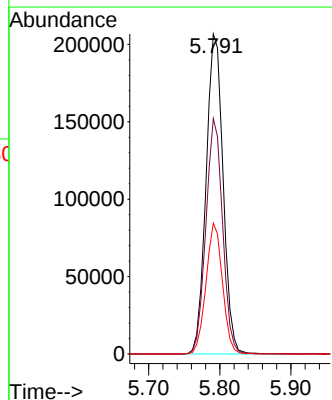
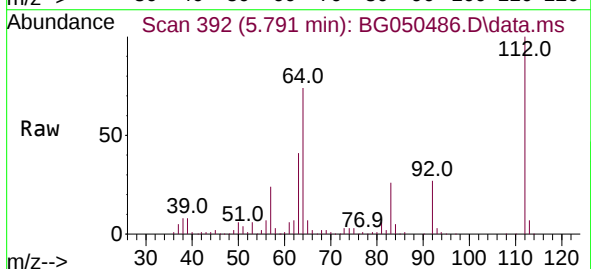
Instrument :
BNA_G
ClientSampleId :
PB139688BL

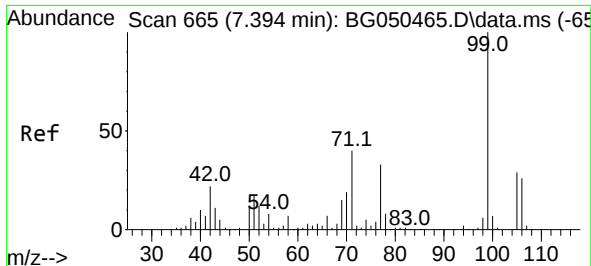
Tgt Ion:152 Resp: 36211
Ion Ratio Lower Upper
152 100
150 161.1 119.4 179.0
115 75.1 60.2 90.4



#5
2-Fluorophenol
Concen: 141.993 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion:112 Resp: 343804
Ion Ratio Lower Upper
112 100
64 73.6 46.7 70.1#
63 40.9 35.3 52.9

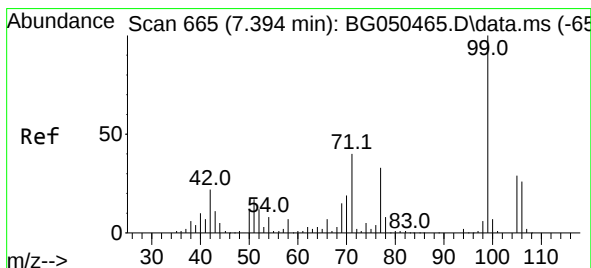
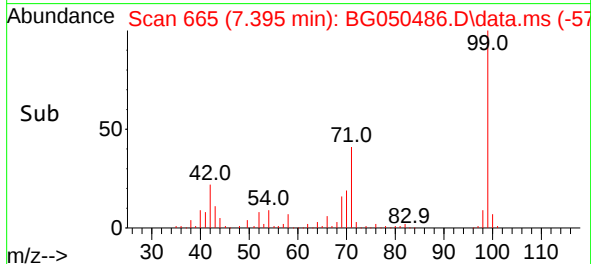
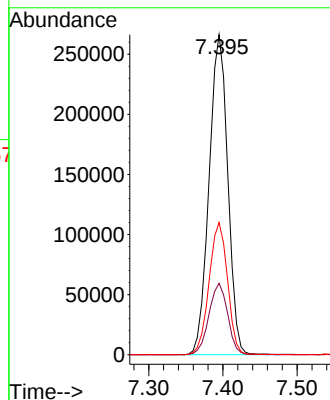
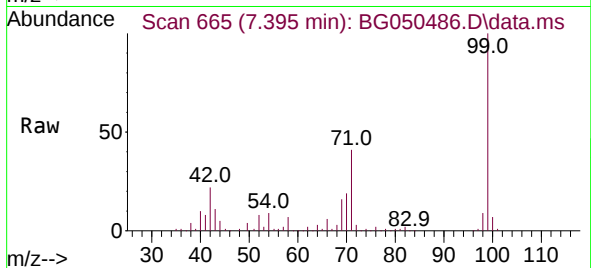




#7
Phenol-d6
Concen: 132.944 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

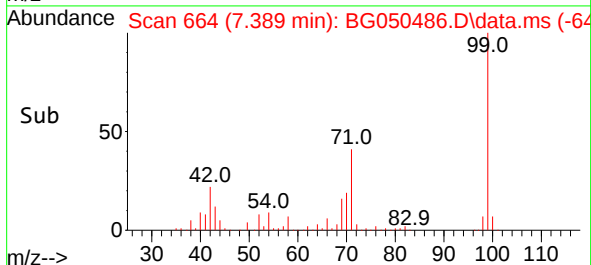
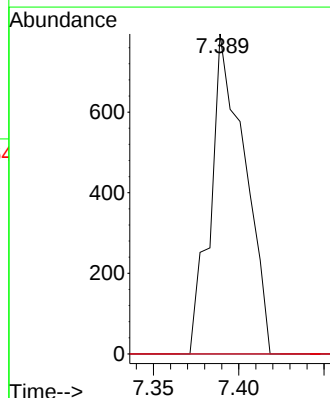
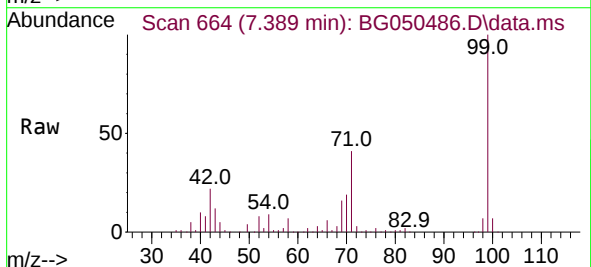
Instrument :
BNA_G
ClientSampleId :
PB139688BL

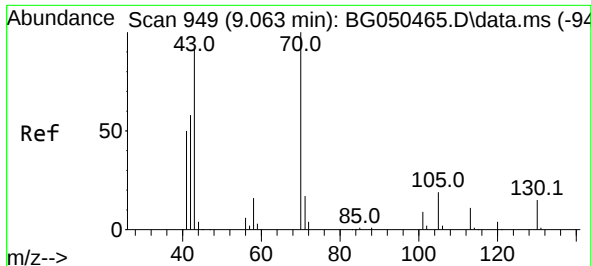
Tgt Ion: 99 Resp: 466044
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 41.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

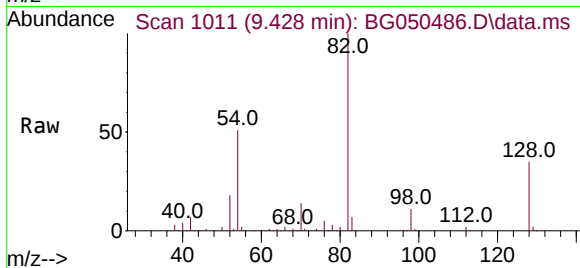
Tgt Ion: 77 Resp: 1101
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



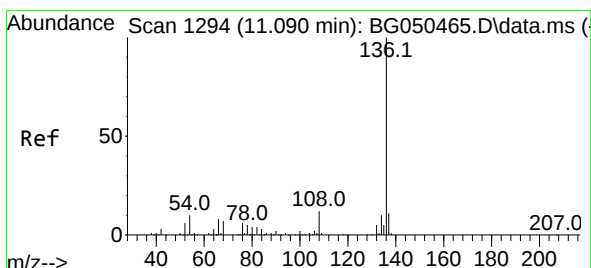
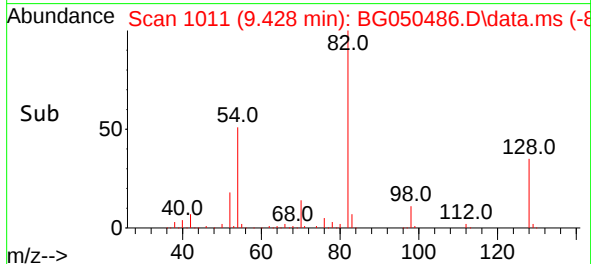
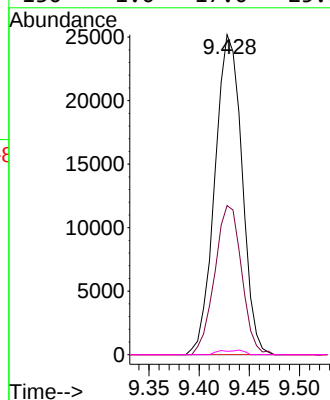


#19
n-Nitroso-di-n-propylamine
Concen: 18.534 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Instrument :
BNA_G
ClientSampleId :
PB139688BL

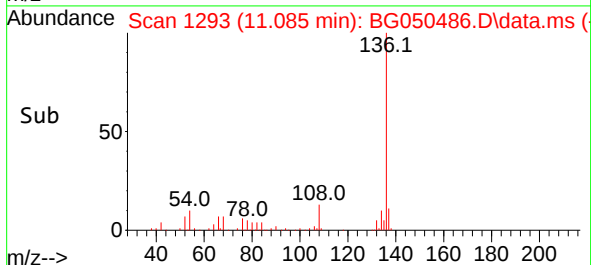
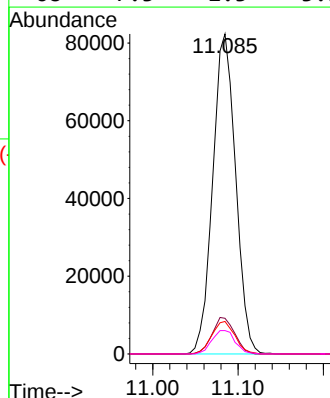
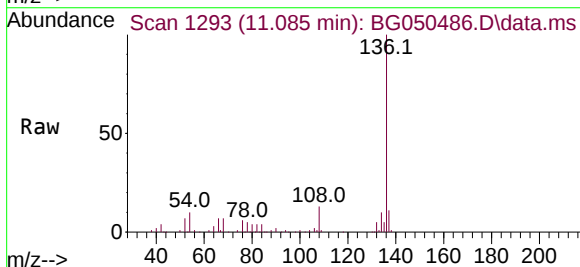


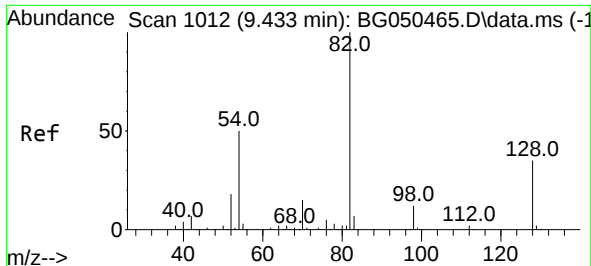
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	10.1	5.5	8.3#
68	7.3	2.3	3.5#

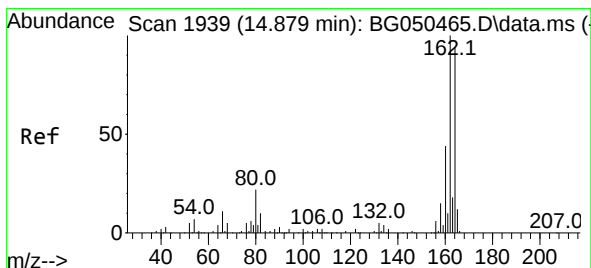
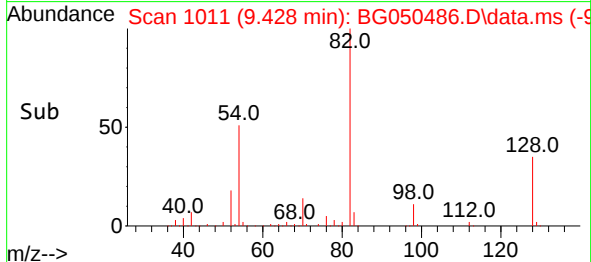
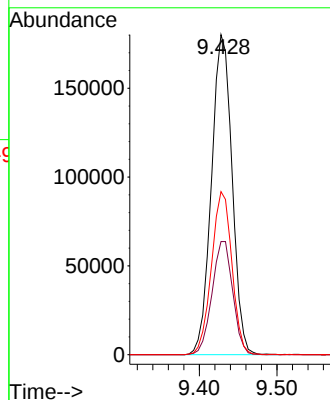
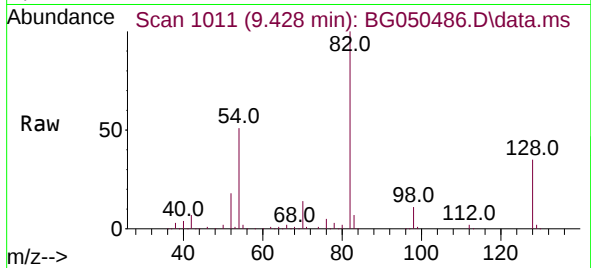




#23
Nitrobenzene-d5
Concen: 89.916 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

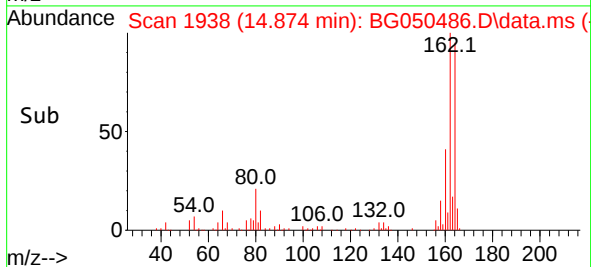
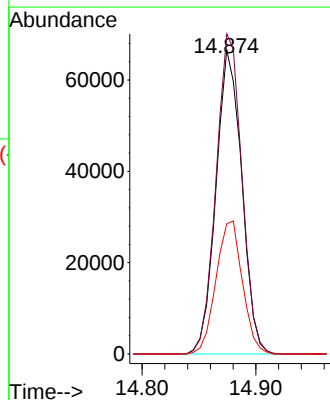
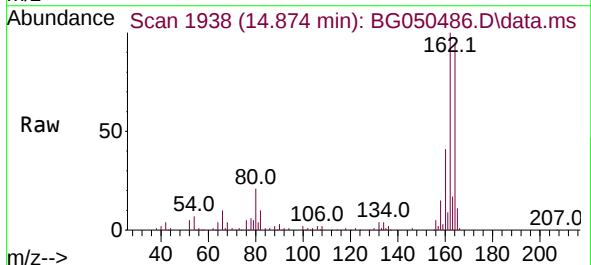
Instrument :
BNA_G
ClientSampleId :
PB139688BL

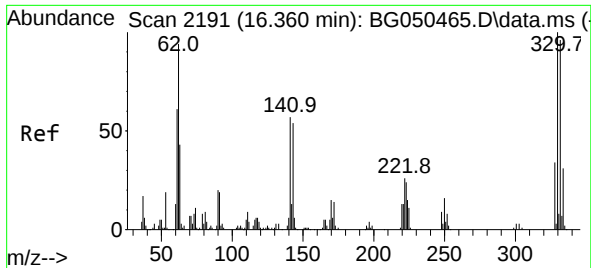
Tgt Ion: 82 Resp: 333680
Ion Ratio Lower Upper
82 100
128 35.3 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion:164 Resp: 104670
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 42.9 34.9 52.3

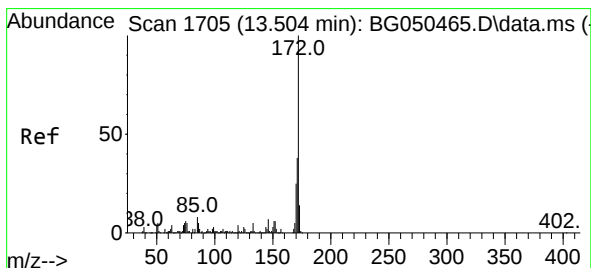
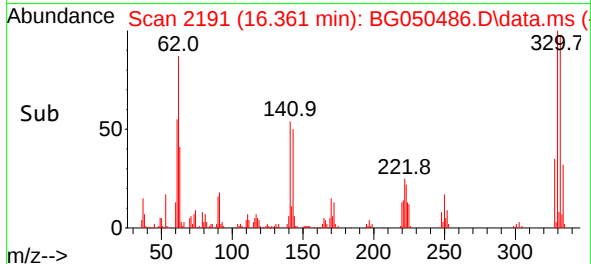
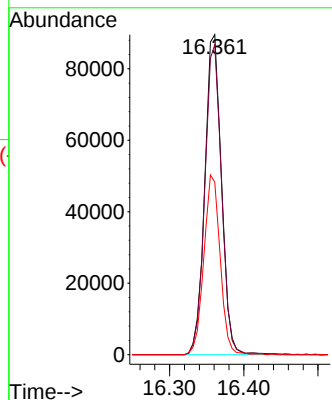
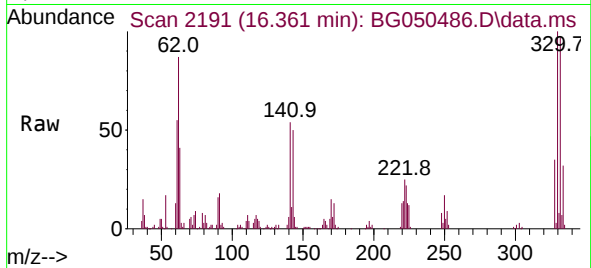




#42
2,4,6-Tribromophenol
Concen: 140.715 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

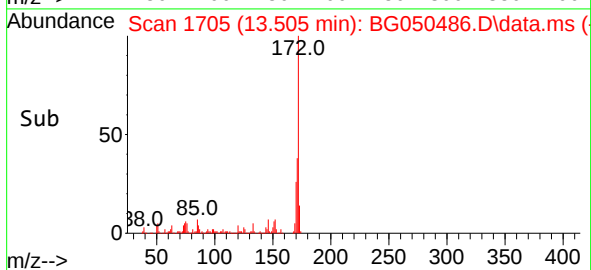
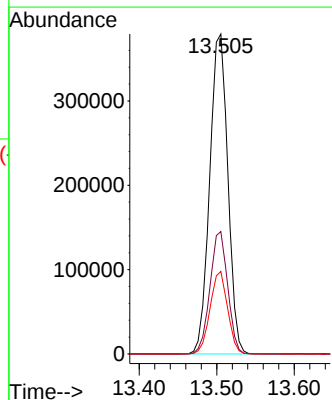
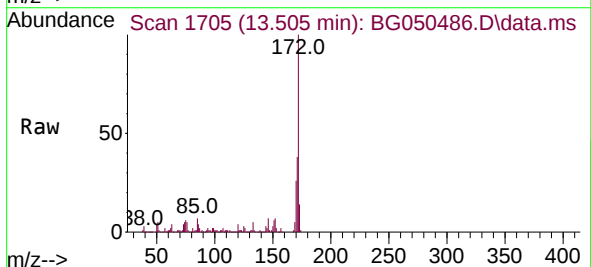
Instrument :
BNA_G
ClientSampleId :
PB139688BL

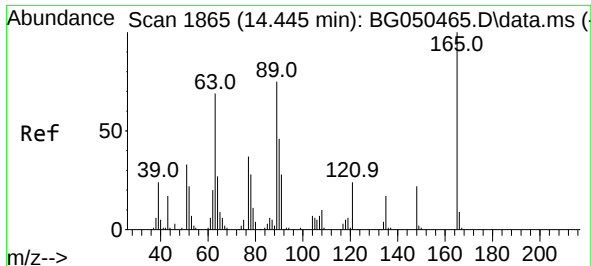
Tgt Ion:330 Resp: 140485
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 54.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 88.555 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion:172 Resp: 615872
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.8 18.6 27.8

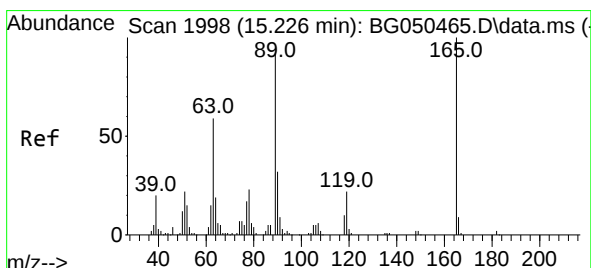
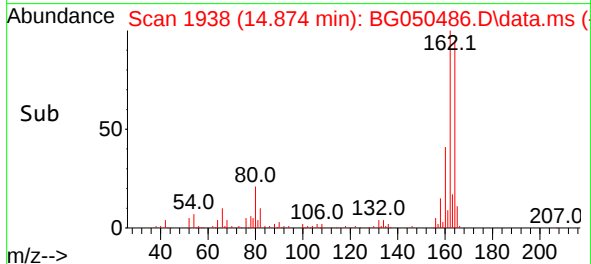
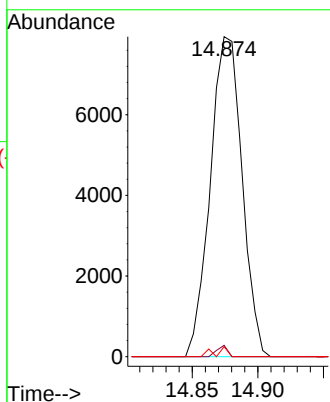
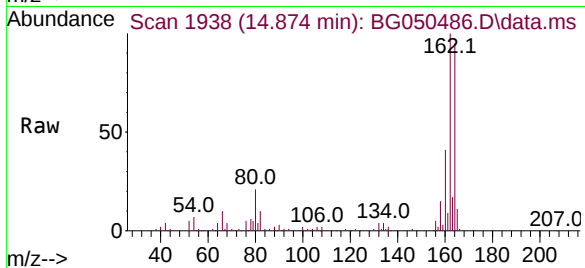




#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

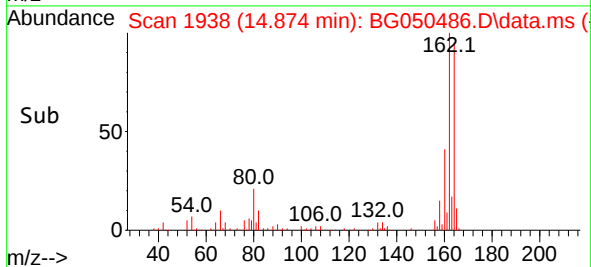
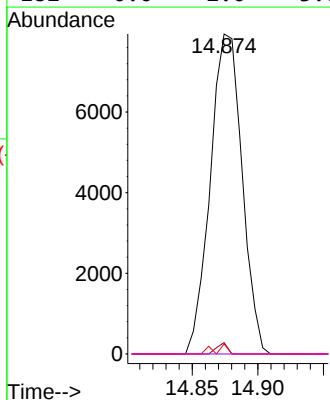
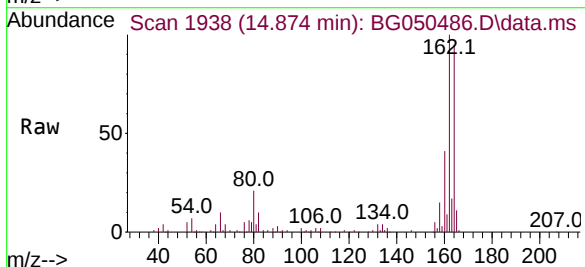
Instrument :
BNA_G
ClientSampled :
PB139688BL

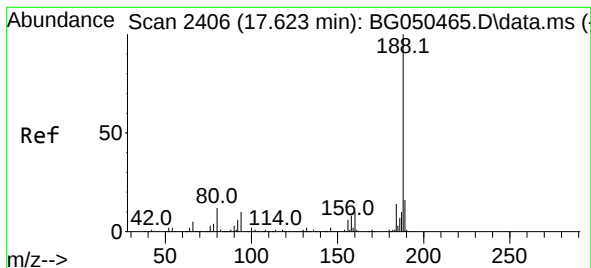
Tgt Ion:165 Resp: 13361
Ion Ratio Lower Upper
165 100
63 3.6 63.3 94.9#
89 3.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion:165 Resp: 13361
Ion Ratio Lower Upper
165 100
63 3.6 48.0 72.0#
89 3.2 65.4 98.0#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG050486.D

Acq: 7 Oct 2021 16:49

Tgt Ion:188 Resp: 260087

Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

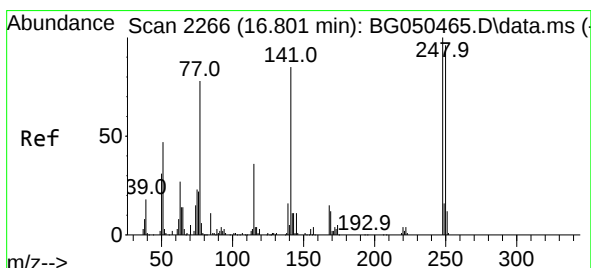
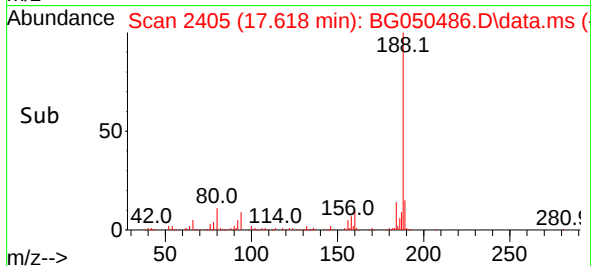
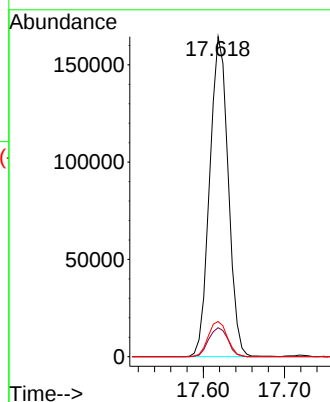
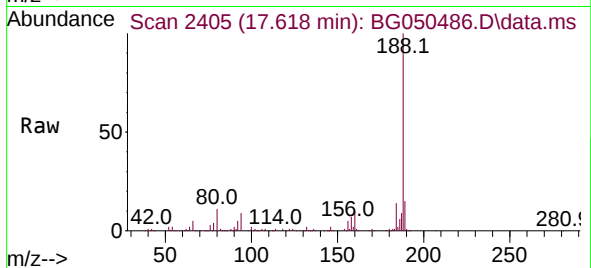
80 11.0 3.7 5.5#

Instrument :

BNA_G

ClientSampleId :

PB139688BL



#67

4-Bromophenyl-phenylether

Concen: 4.389 ng

RT: 16.361 min Scan# 2191

Delta R.T. -0.440 min

Lab File: BG050486.D

Acq: 7 Oct 2021 16:49

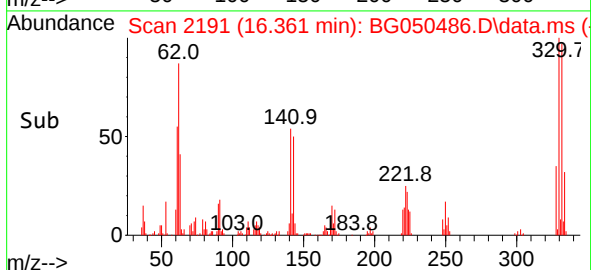
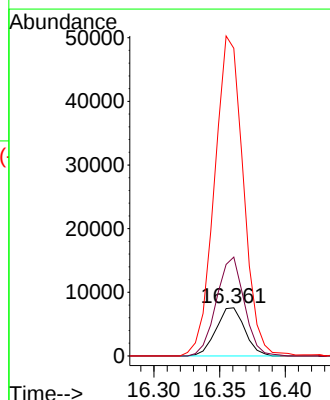
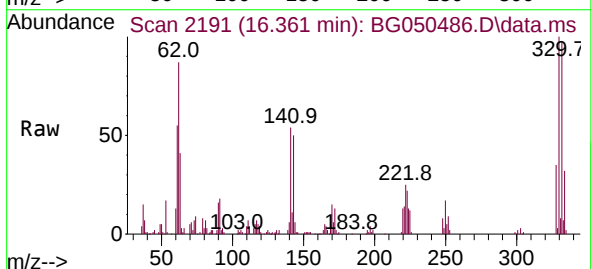
Tgt Ion:248 Resp: 11504

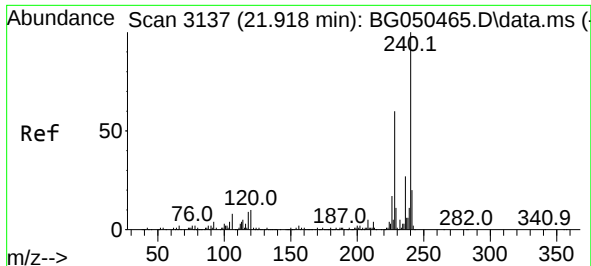
Ion Ratio Lower Upper

248 100

250 205.1 76.1 114.1#

141 638.1 65.4 98.2#

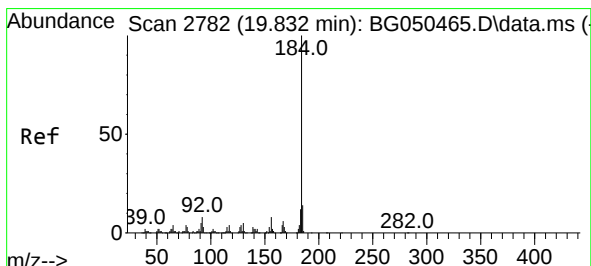
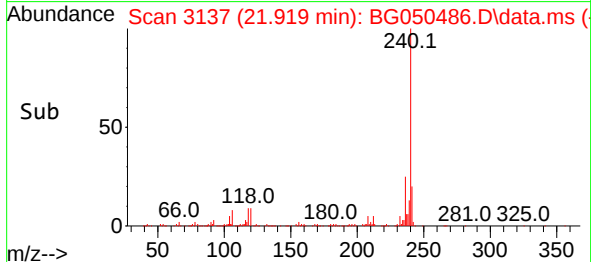
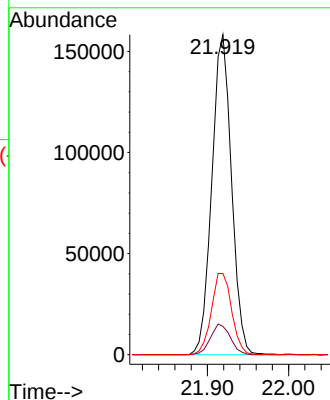
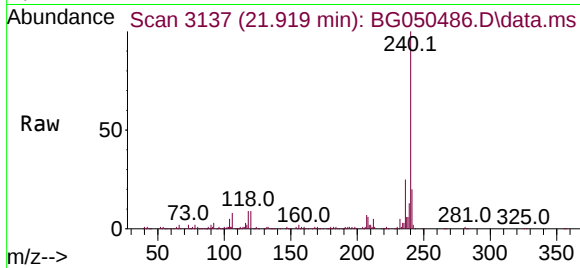




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

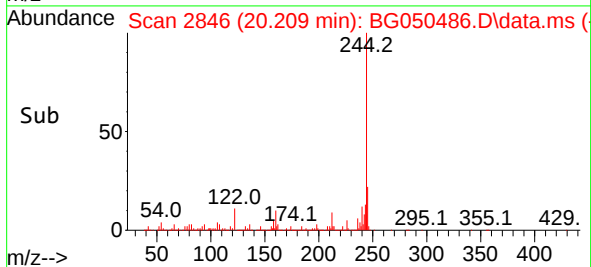
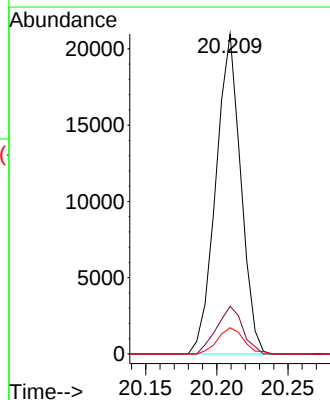
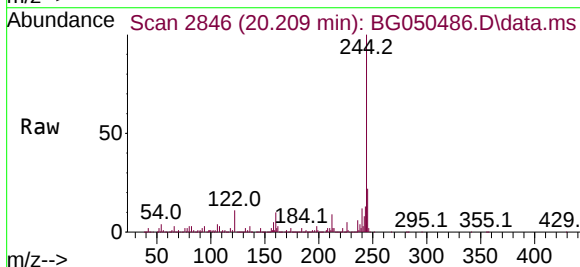
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BNA_G
ClientSampleId :
PB139688BL

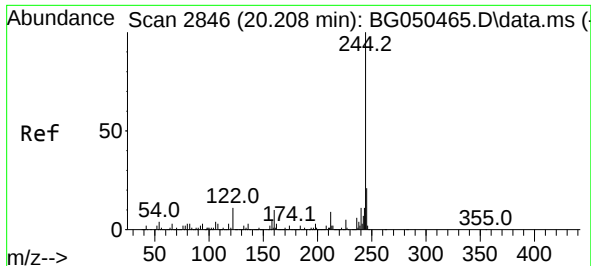
Tgt Ion:240 Resp: 265564
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 25.4 21.8 32.6



#77
Benzidine
Concen: 2.967 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG050486.D
Acq: 7 Oct 2021 16:49

Tgt Ion:184 Resp: 25535
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 8.2 9.4 14.0#

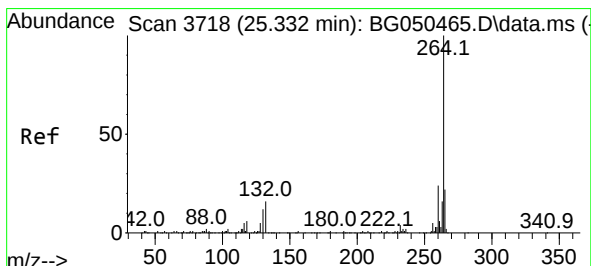
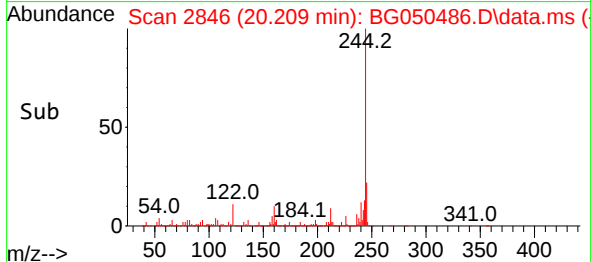
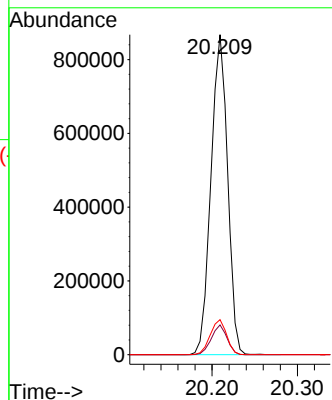
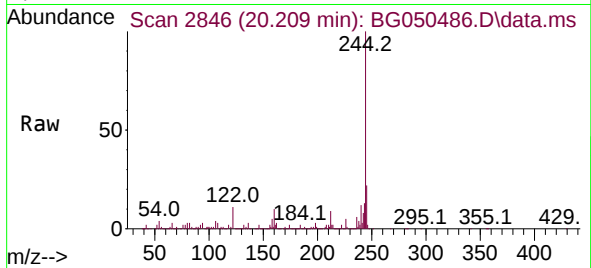




#79
 Terphenyl-d14
 Concen: 86.178 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050486.D
 Acq: 7 Oct 2021 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PB139688BL

Tgt Ion:244 Resp: 1174340
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.9 10.3
 122 11.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050486.D
 Acq: 7 Oct 2021 16:49

Tgt Ion:264 Resp: 251620
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.2 16.9 25.3

