

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050661.D
 Acq On : 21 Oct 2021 10:21
 Operator : CG/JU
 Sample : PB140015BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140015BL

Quant Time: Oct 21 11:11:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

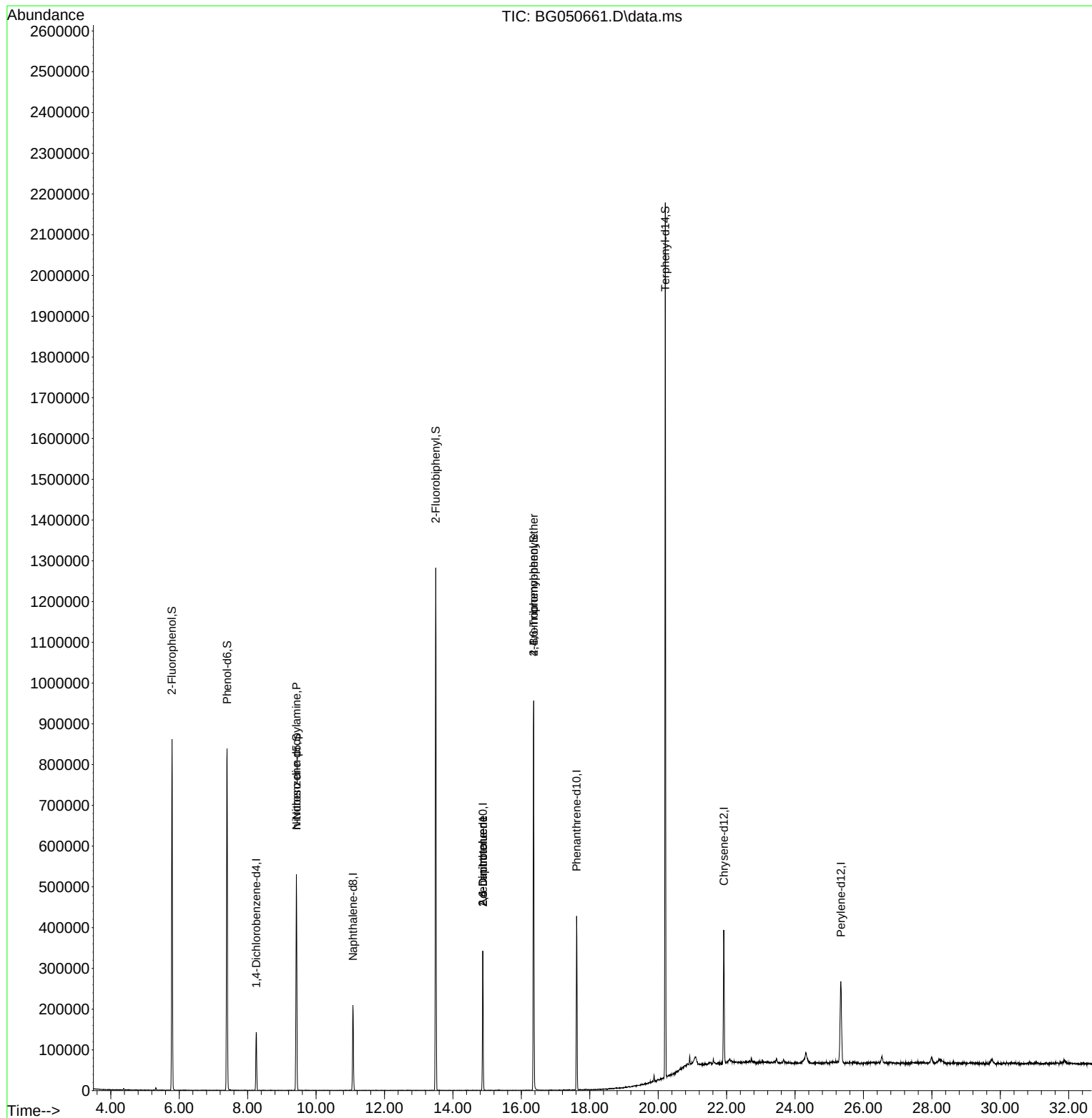
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	38765	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	170264	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	116563	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	258897	20.000	ng	# 0.00
76) Chrysene-d12	21.918	240	201772	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	193927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	354069	136.598	ng	0.00
7) Phenol-d6	7.400	99	476566	126.988	ng	0.00
23) Nitrobenzene-d5	9.427	82	332972	80.955	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	140778	126.621	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	634877	81.974	ng	0.00
79) Terphenyl-d14	20.209	244	942312	91.014	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.406	77	1275	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.427	70	47179	17.248	ng	# 69
51) 2,6-Dinitrotoluene	14.874	165	14635	8.293	ng	# 10
57) 2,4-Dinitrotoluene	14.874	165	14635	5.884	ng	# 15
67) 4-Bromophenyl-phenylether	16.360	248	11468	4.396	ng	# 1

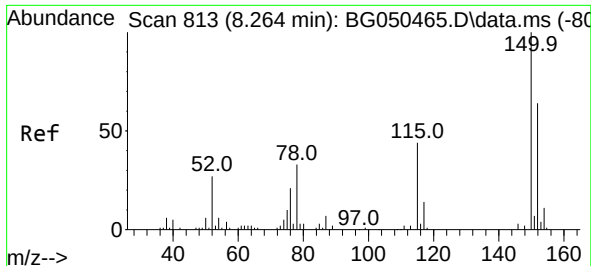
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
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QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

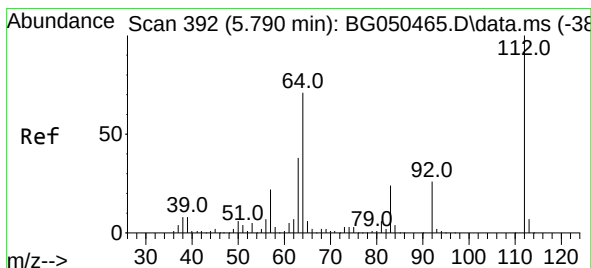
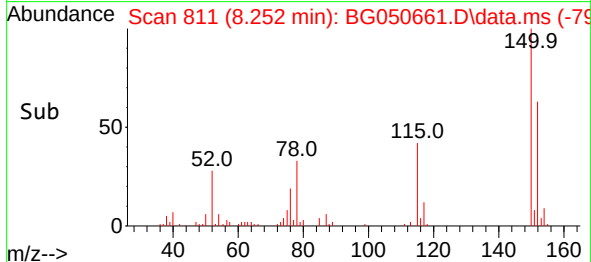
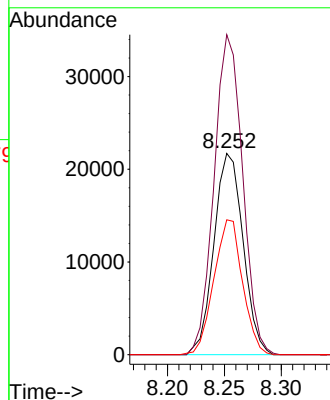
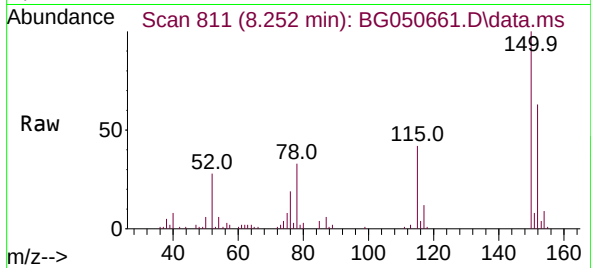




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

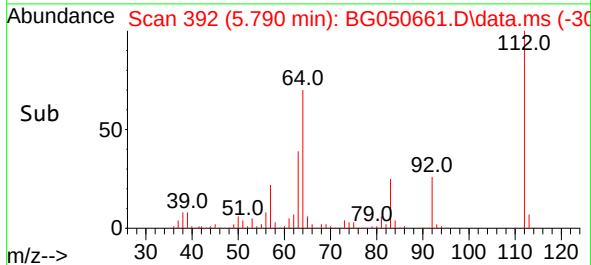
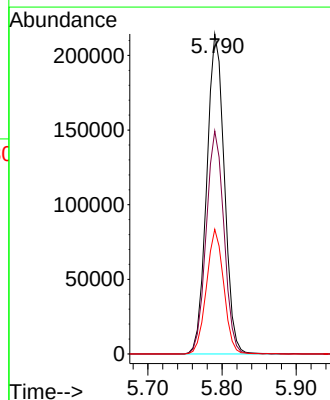
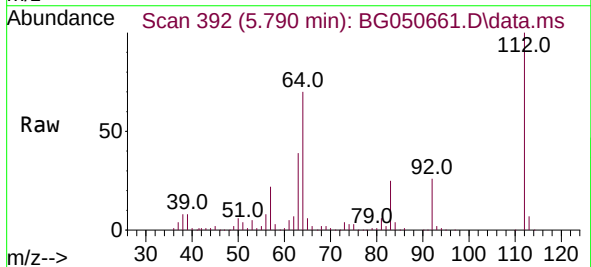
Instrument :
BNA_G
ClientSampleId :
PB140015BL

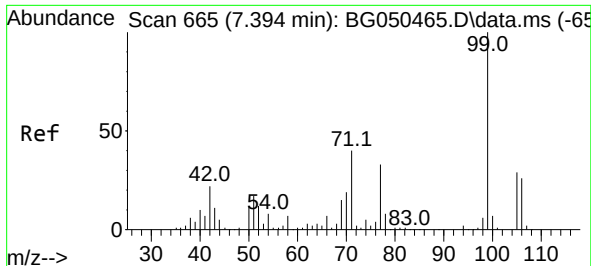
Tgt Ion:152 Resp: 38765
Ion Ratio Lower Upper
152 100
150 159.0 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 136.598 ng
RT: 5.790 min Scan# 392
Delta R.T. -0.001 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:112 Resp: 354069
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 39.0 35.3 52.9

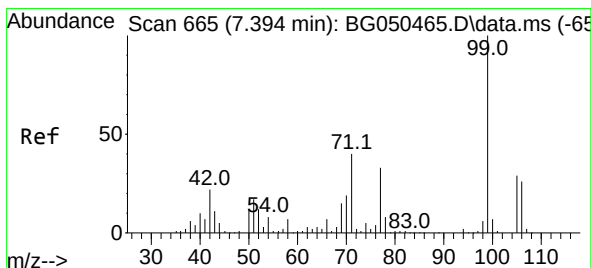
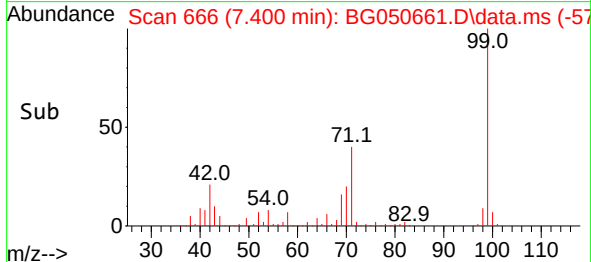
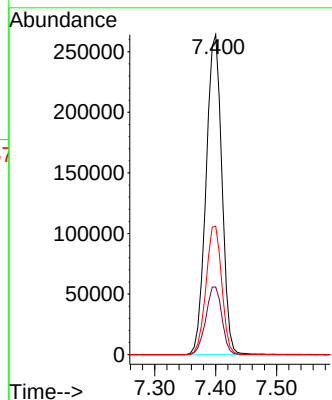
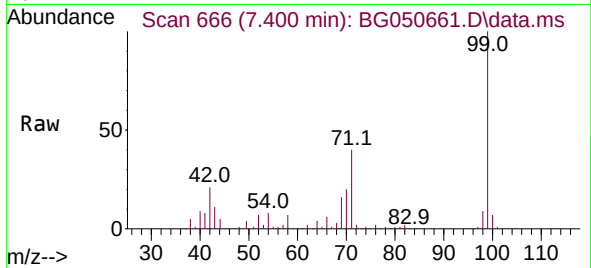




#7
Phenol-d6
Concen: 126.988 ng
RT: 7.400 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

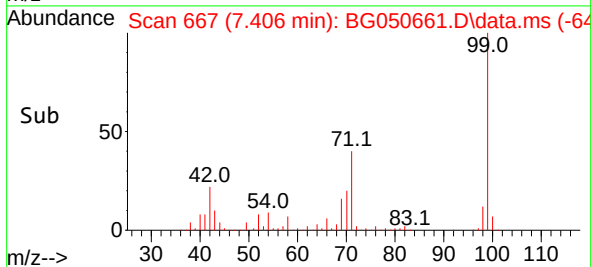
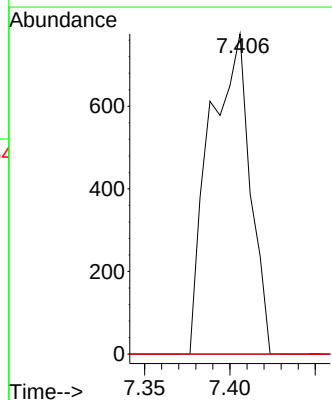
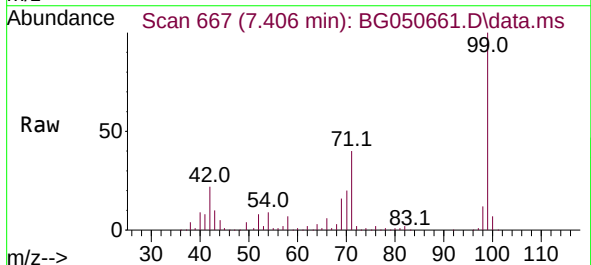
Instrument :
BNA_G
ClientSampleId :
PB140015BL

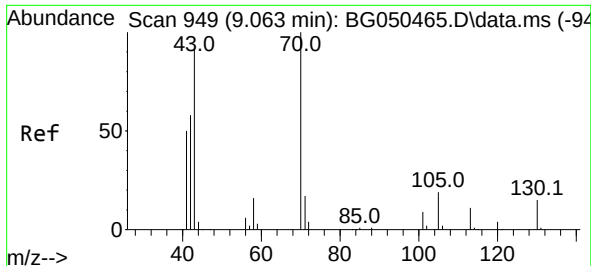
Tgt Ion: 99 Resp: 476566
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 40.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.406 min Scan# 667
Delta R.T. 0.017 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion: 77 Resp: 1275
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

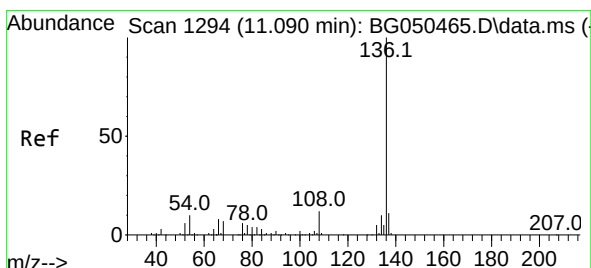
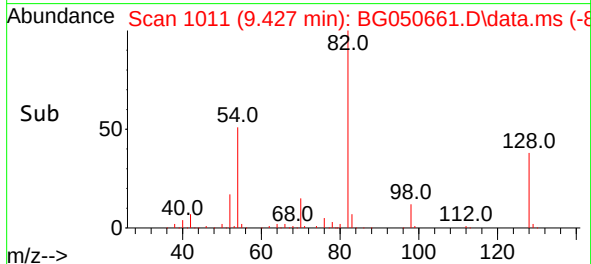
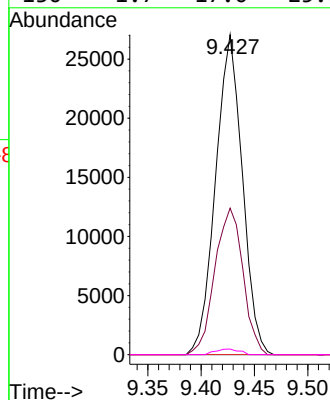
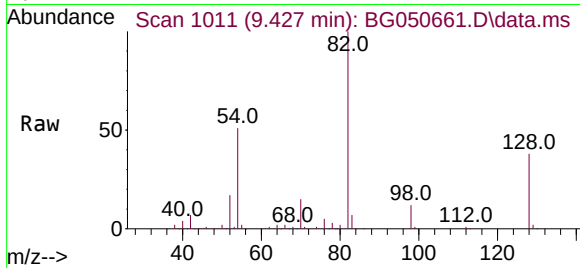




#19
n-Nitroso-di-n-propylamine
Concen: 17.248 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

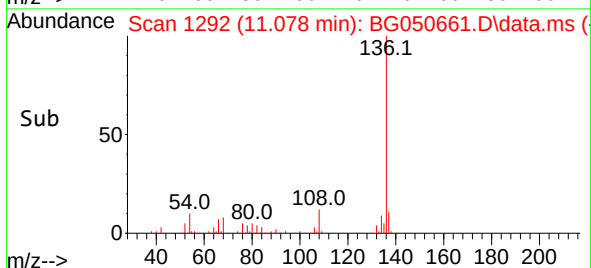
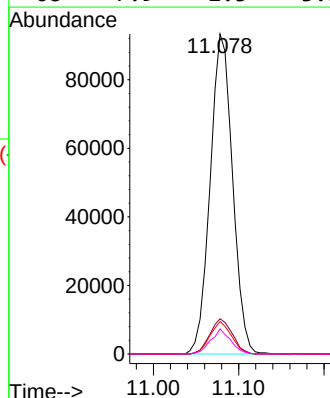
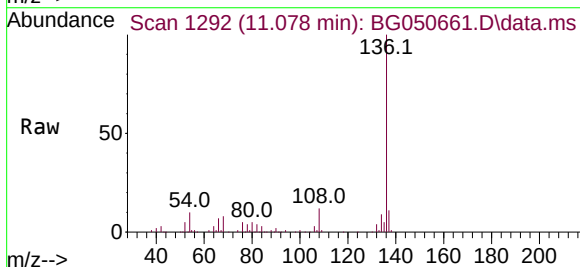
Instrument :
BNA_G
ClientSampleId :
PB140015BL

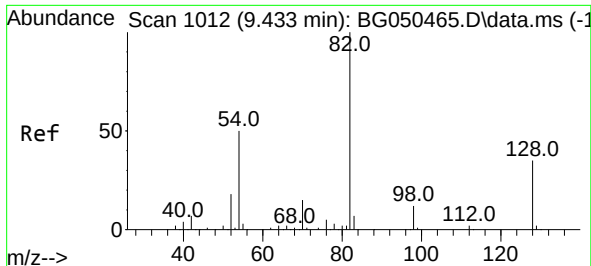
Tgt Ion: 70 Resp: 47179
Ion Ratio Lower Upper
70 100
42 45.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:136 Resp: 170264
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 10.2 5.5 8.3#
68 7.9 2.3 3.5#

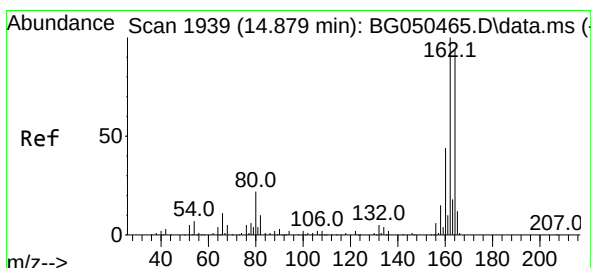
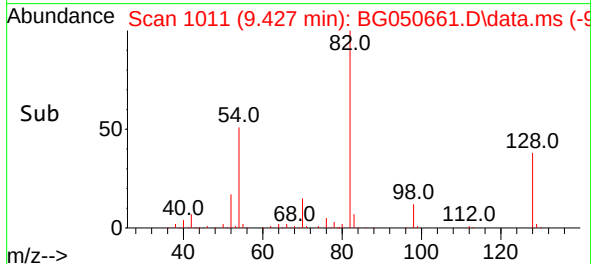
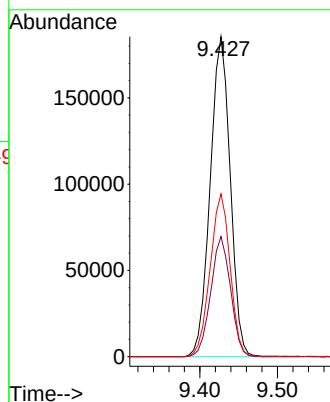
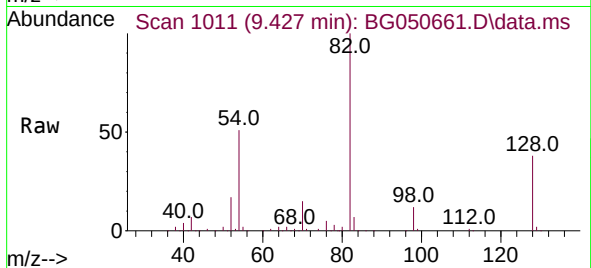




#23
Nitrobenzene-d5
Concen: 80.955 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.001 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

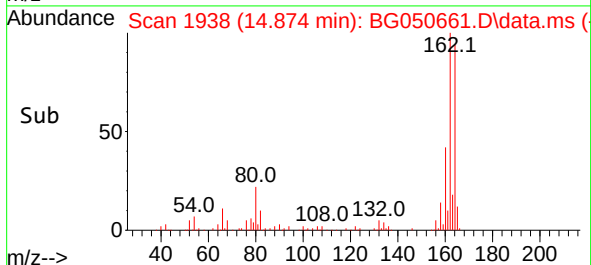
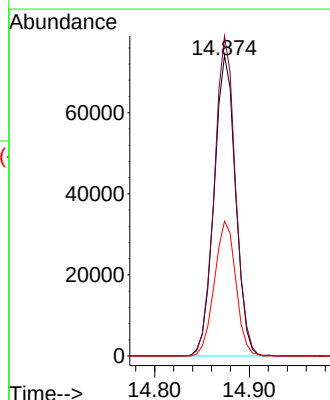
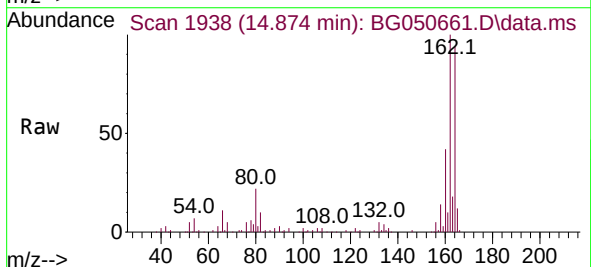
Instrument :
BNA_G
ClientSampleId :
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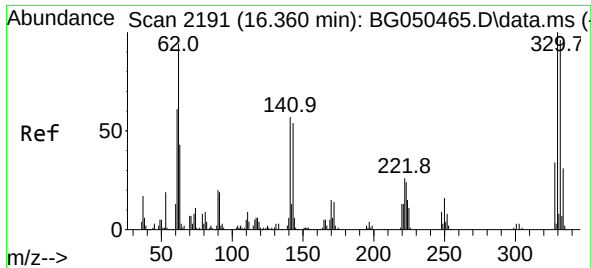
Tgt Ion: 82 Resp: 332972
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:164 Resp: 116563
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 44.9 34.9 52.3

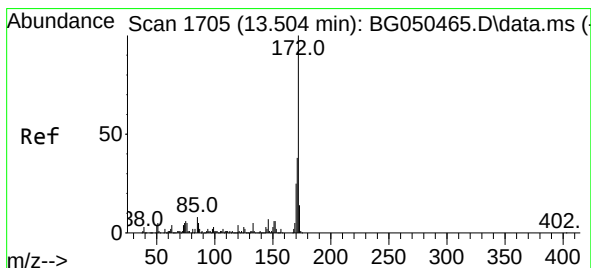
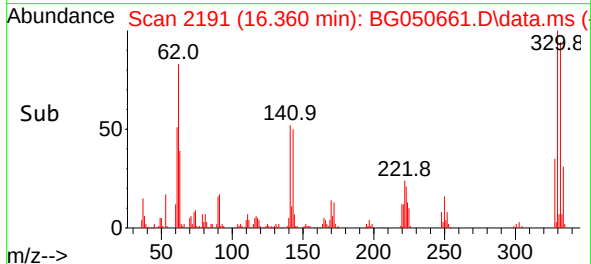
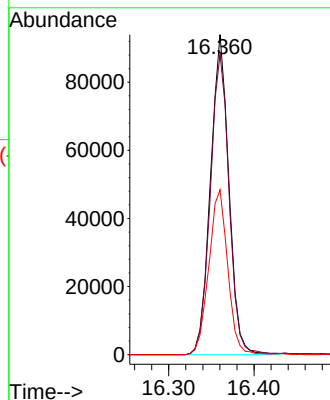
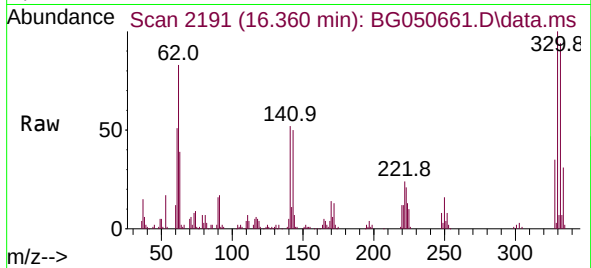




#42
2,4,6-Tribromophenol
Concen: 126.621 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

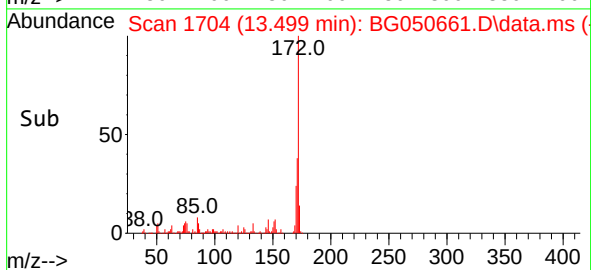
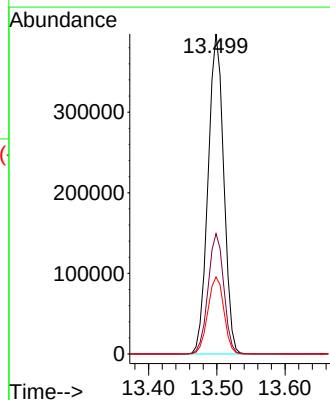
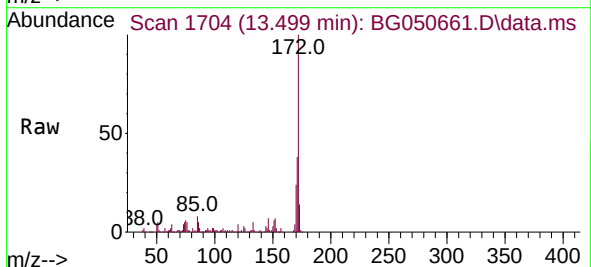
Instrument :
BNA_G
ClientSampleId :
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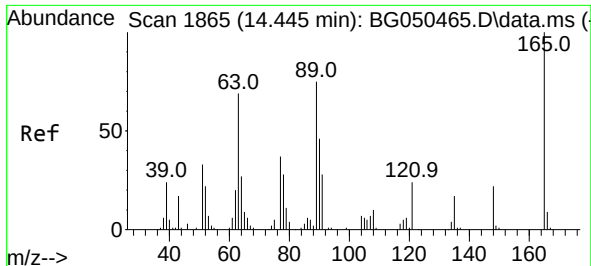
Tgt Ion:330 Resp: 140778
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 53.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 81.974 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:172 Resp: 634877
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.0 18.6 27.8

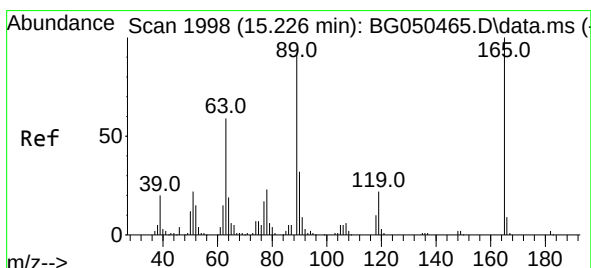
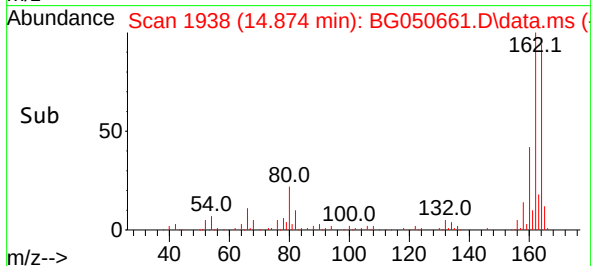
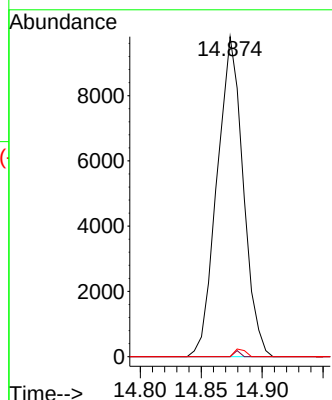
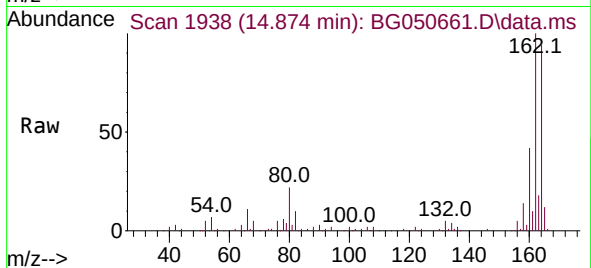




#51
2,6-Dinitrotoluene
Concen: 8.293 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.428 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

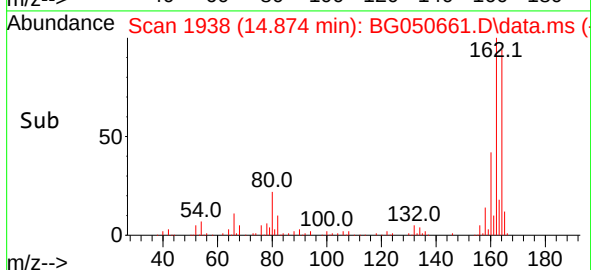
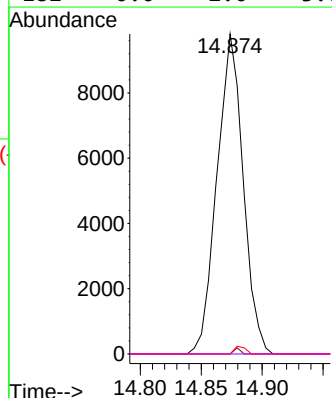
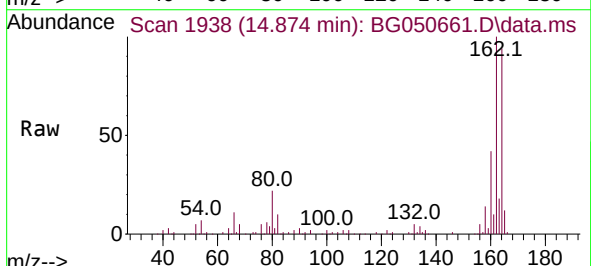
Instrument :
BNA_G
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PB140015BL

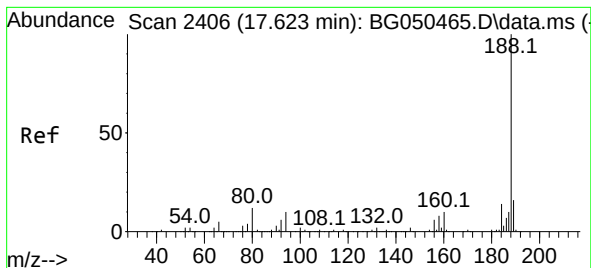
Tgt Ion:165 Resp: 14635
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.353 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:165 Resp: 14635
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

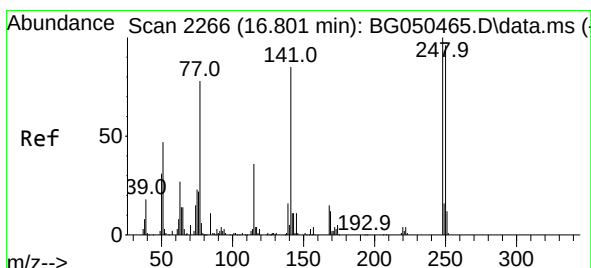
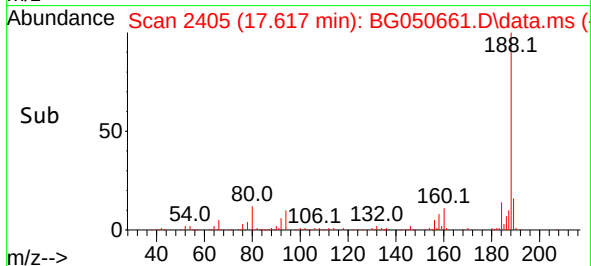
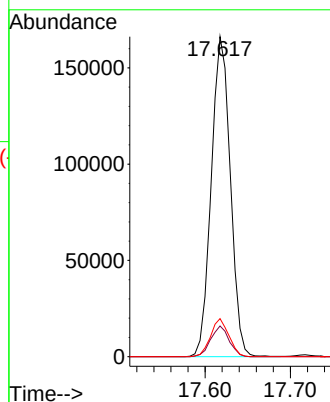
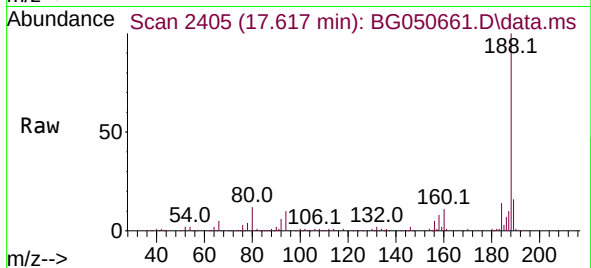




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.617 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

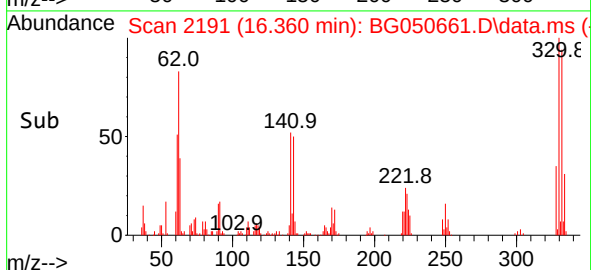
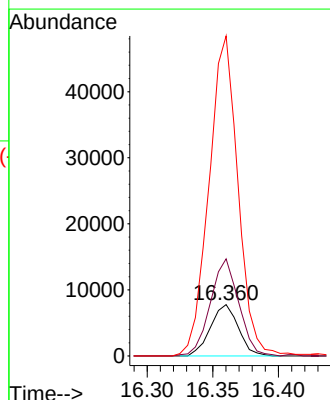
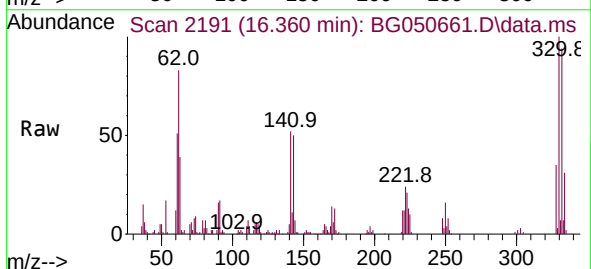
Instrument :
BNA_G
ClientSampleId :
PB140015BL

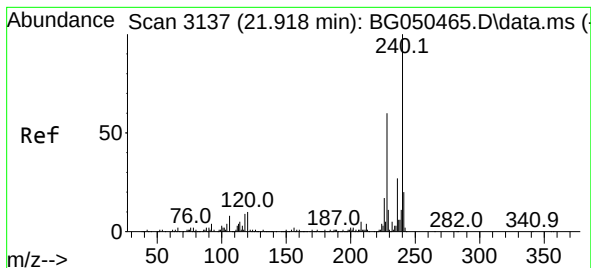
Tgt Ion:188 Resp: 258897
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.396 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Tgt Ion:248 Resp: 11468
Ion Ratio Lower Upper
248 100
250 189.1 76.1 114.1#
141 623.0 65.4 98.2#

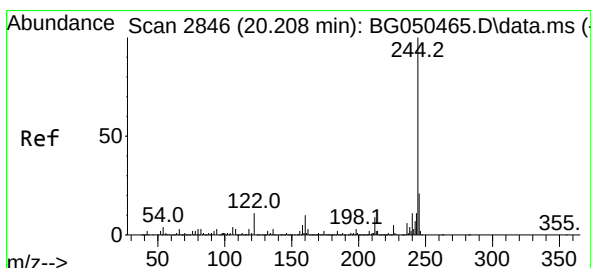
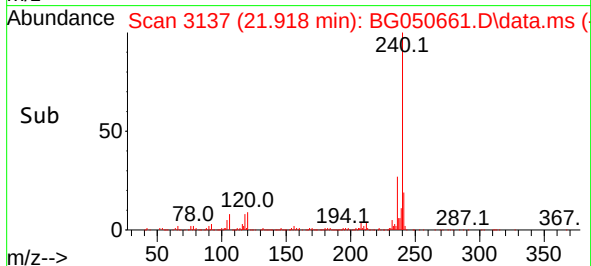
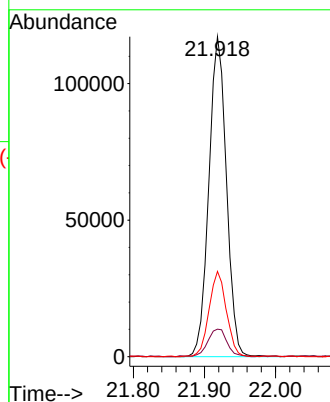
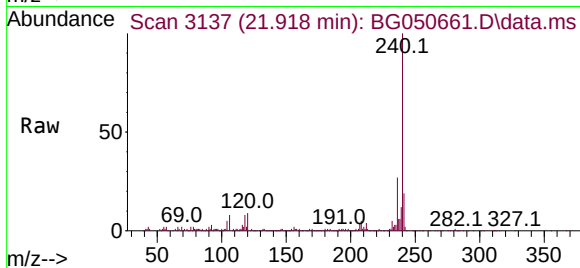




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

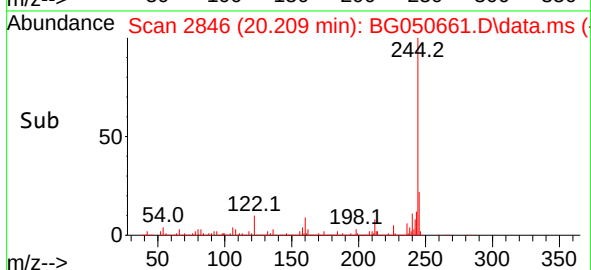
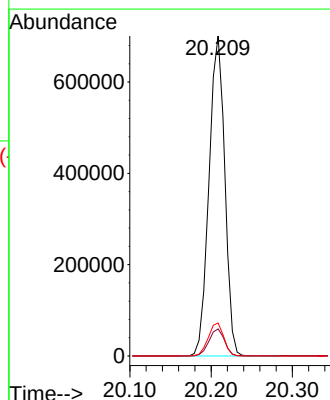
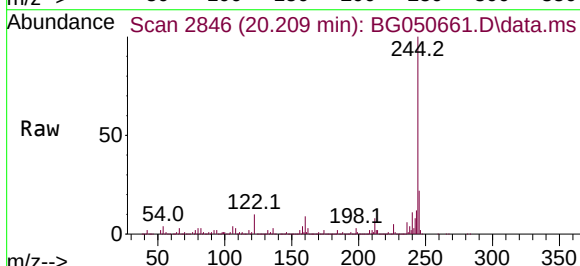
Instrument :
BNA_G
ClientSampleId :
PB140015BL

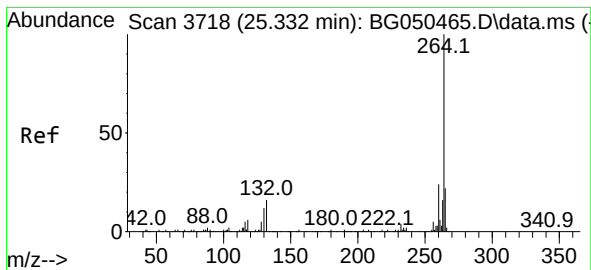
Tgt Ion:240 Resp: 201772
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 26.6 21.8 32.6



#79
Terphenyl-d14
Concen: 91.014 ng
RT: 20.209 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

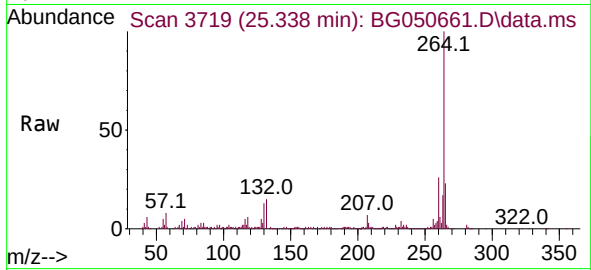
Tgt Ion:244 Resp: 942312
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.3 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG050661.D
Acq: 21 Oct 2021 10:21

Instrument :
BNA_G
ClientSampleId :
PB140015BL



Tgt Ion:264 Resp: 193927

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.4	29.2
265	22.6	16.9	25.3

