

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
 Data File : BG050795.D
 Acq On : 1 Nov 2021 12:23
 Operator : CG/JU
 Sample : PB140358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140358BL

Quant Time: Nov 01 13:31:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 12:35:42 2021
 Response via : Initial Calibration

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

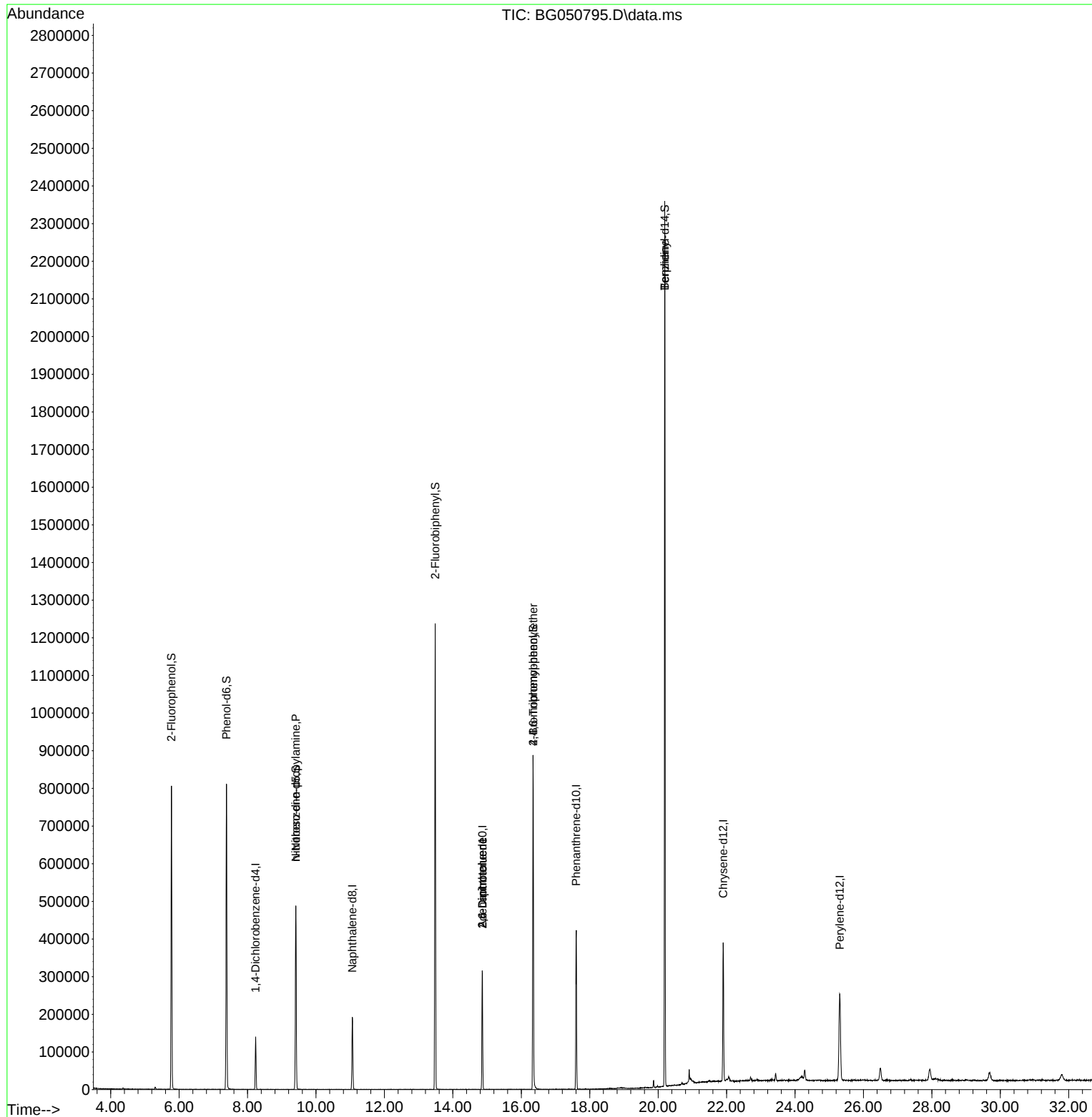
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	36864	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	161604	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	110935	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	262126	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	225006	20.000	ng	# 0.00
86) Perylene-d12	25.310	264	216911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	341714	138.630	ng	0.00
7) Phenol-d6	7.383	99	456684	127.966	ng	0.00
23) Nitrobenzene-d5	9.411	82	316549	81.086	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	137496	129.943	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	612350	83.076	ng	0.00
79) Terphenyl-d14	20.192	244	1026377	88.897	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.383	77	941	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.411	70	42856	16.476	ng	# 68
51) 2,6-Dinitrotoluene	14.863	165	14846	8.839	ng	# 11
57) 2,4-Dinitrotoluene	14.863	165	14846	6.271	ng	# 16
67) 4-Bromophenyl-phenylether	16.349	248	10972	4.154	ng	# 1
77) Benzidine	20.192	184	19467	2.669	ng	# 93

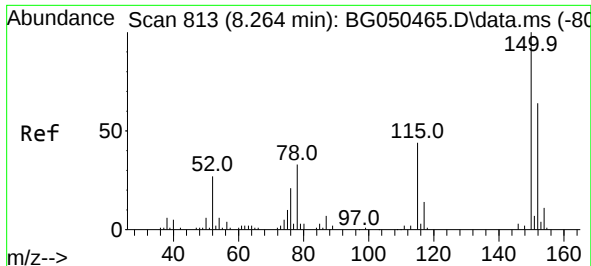
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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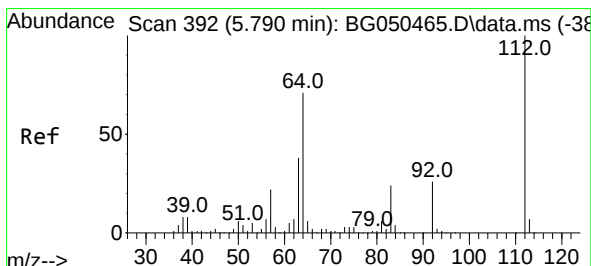
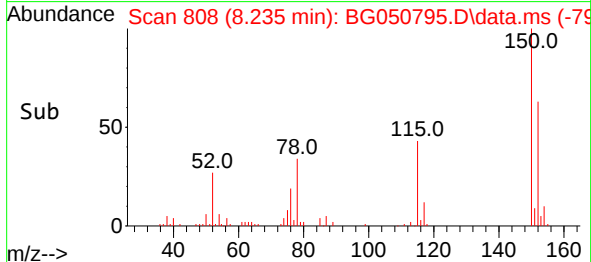
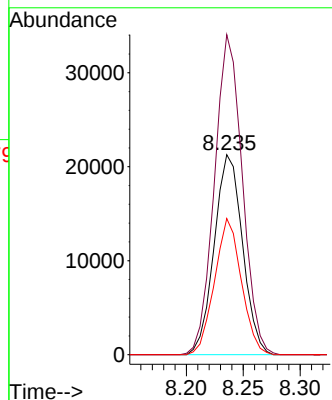
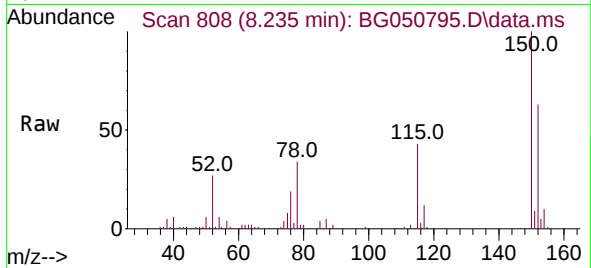




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

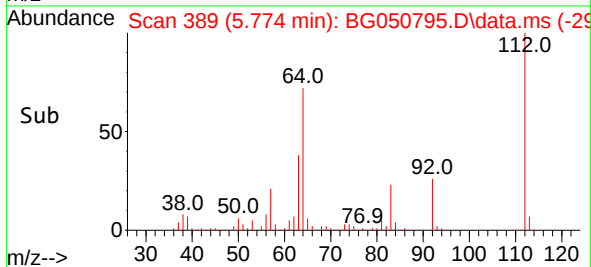
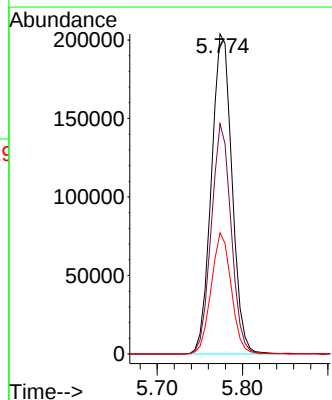
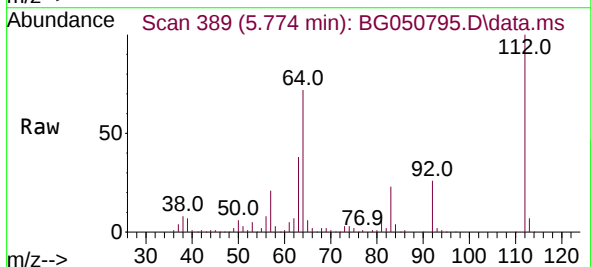
Instrument :
BNA_G
ClientSampleId :
PB140358BL

Tgt Ion:152 Resp: 36864
Ion Ratio Lower Upper
152 100
150 160.0 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 138.630 ng
RT: 5.774 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:112 Resp: 341714
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 37.8 35.3 52.9

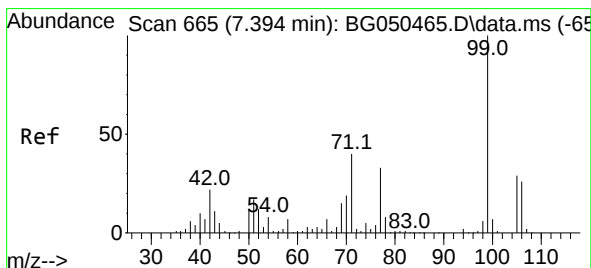
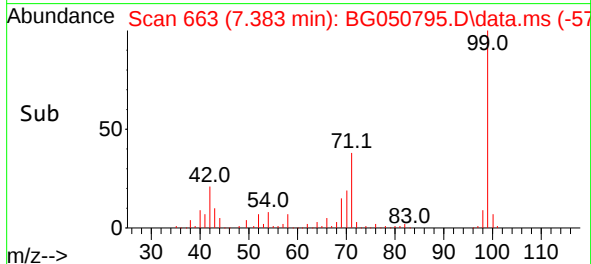
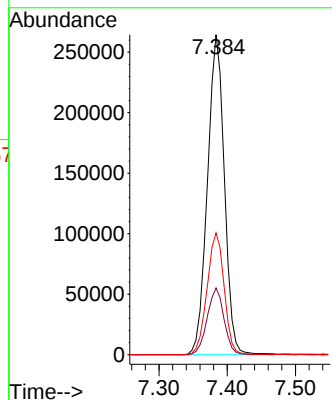
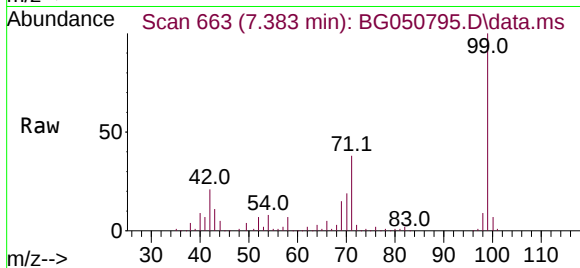




#7
Phenol-d6
Concen: 127.966 ng
RT: 7.383 min Scan# 663
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

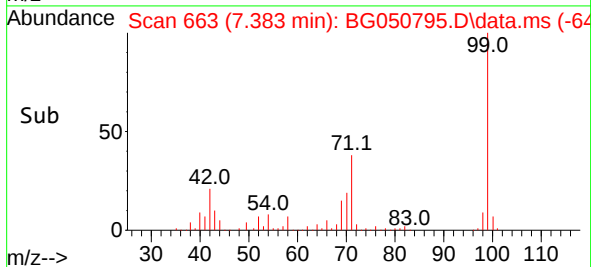
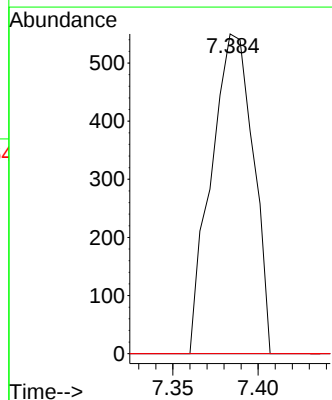
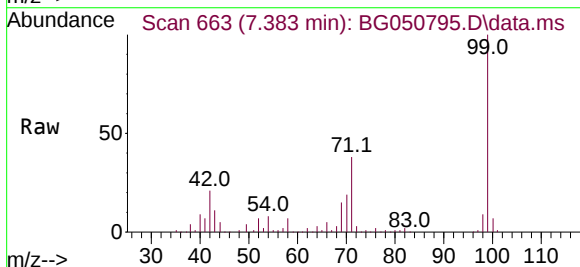
Instrument :
BNA_G
ClientSampleId :
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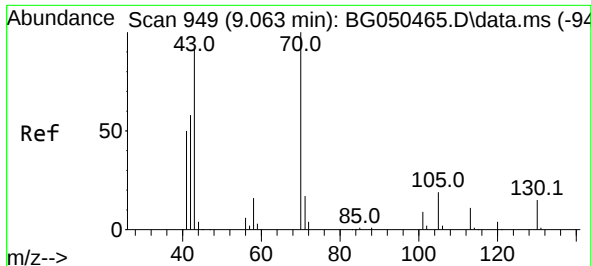
Tgt Ion: 99 Resp: 456684
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 38.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.383 min Scan# 663
Delta R.T. 0.012 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion: 77 Resp: 941
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

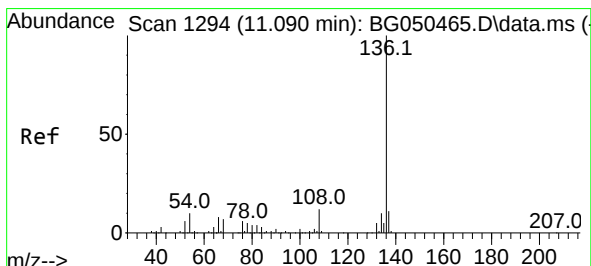
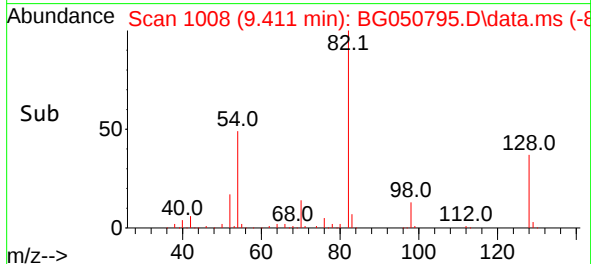
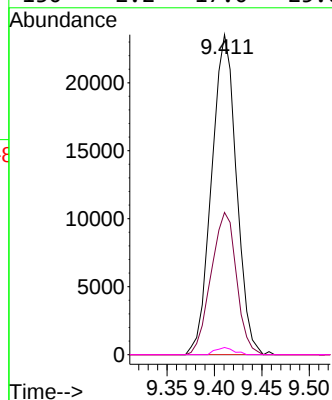
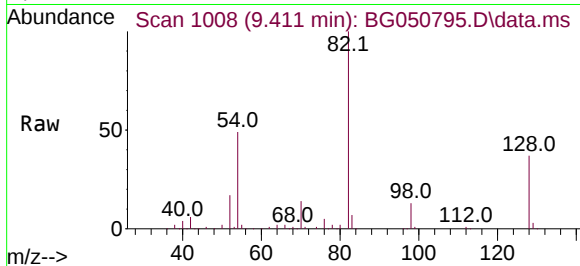




#19
n-Nitroso-di-n-propylamine
Concen: 16.476 ng
RT: 9.411 min Scan# 1008
Delta R.T. 0.370 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

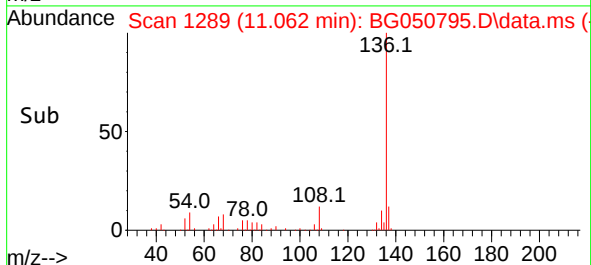
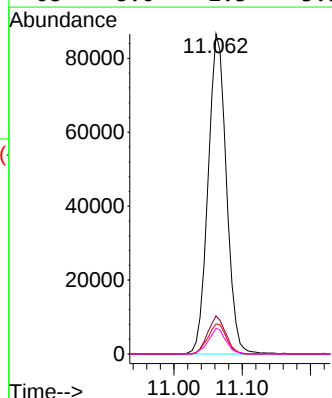
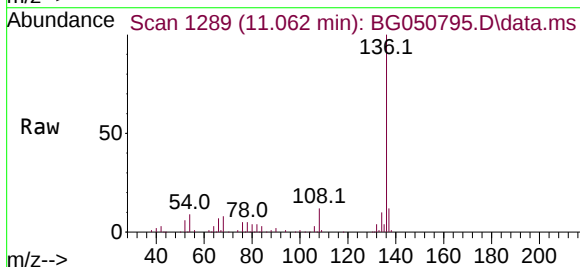
Instrument :
BNA_G
ClientSampleId :
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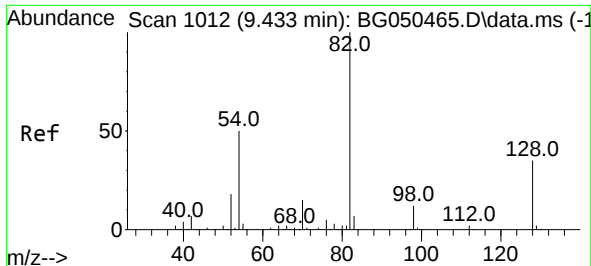
Tgt Ion: 70 Resp: 42856
Ion Ratio Lower Upper
70 100
42 44.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:136 Resp: 161604
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 9.4 5.5 8.3#
68 8.0 2.3 3.5#

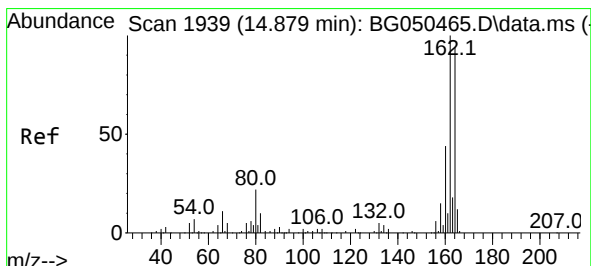
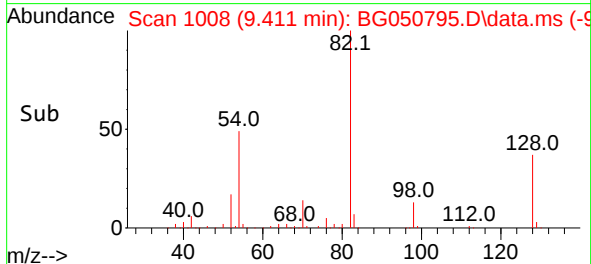
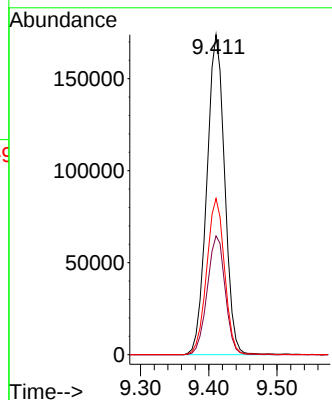
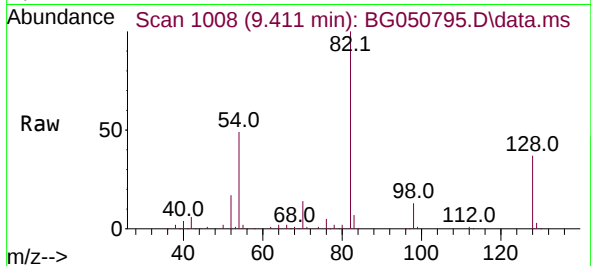




#23
Nitrobenzene-d5
Concen: 81.086 ng
RT: 9.411 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

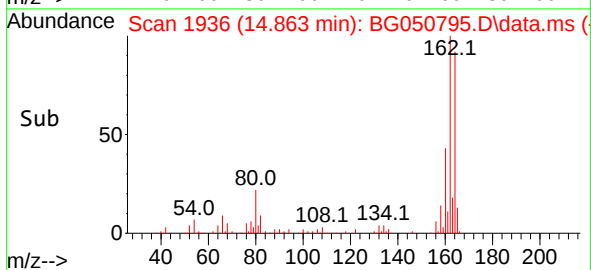
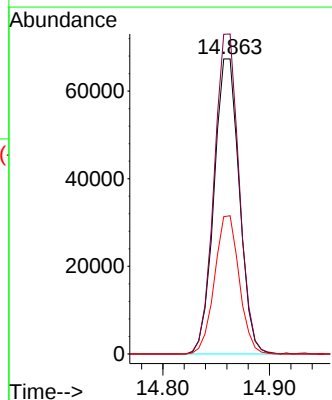
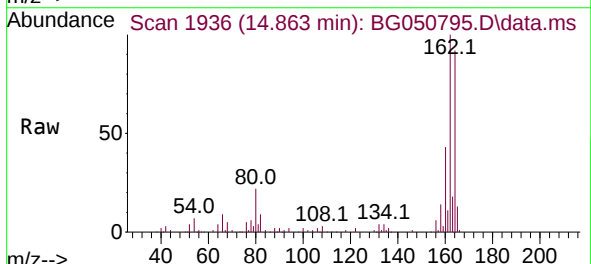
Instrument :
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ClientSampleId :
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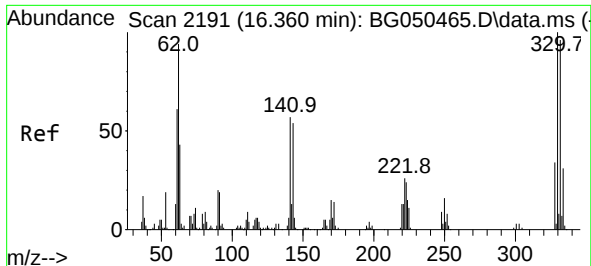
Tgt Ion: 82 Resp: 316549
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 48.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:164 Resp: 110935
Ion Ratio Lower Upper
164 100
162 108.4 81.4 122.0
160 46.8 34.9 52.3

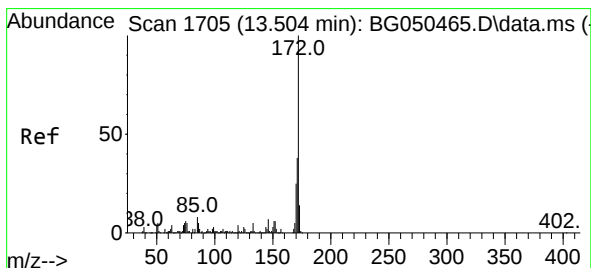
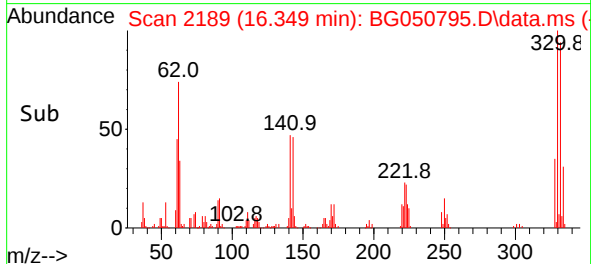
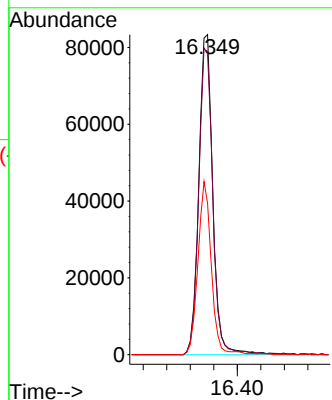
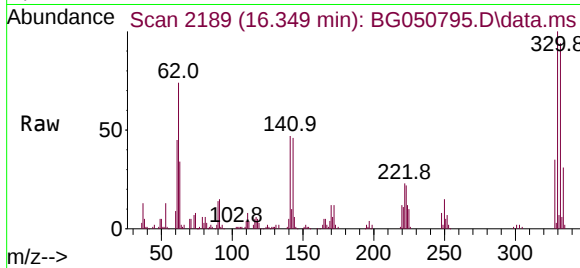




#42
2,4,6-Tribromophenol
Concen: 129.943 ng
RT: 16.349 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

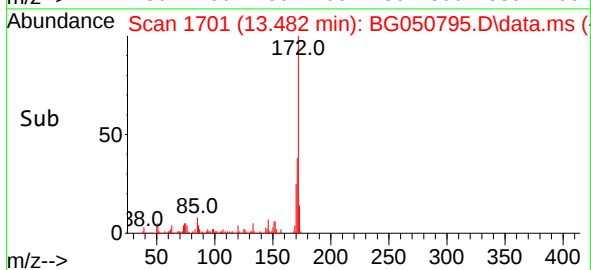
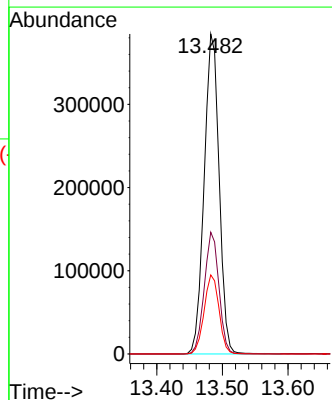
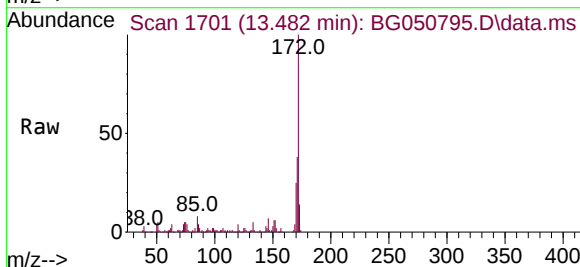
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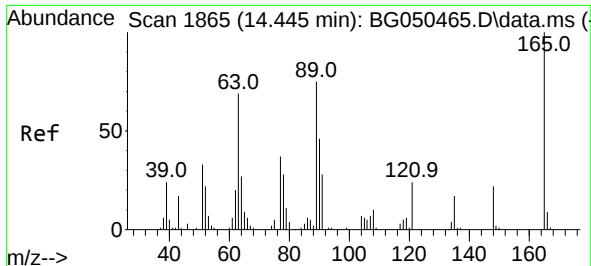
Tgt Ion:330 Resp: 137496
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 51.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 83.076 ng
RT: 13.482 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:172 Resp: 612350
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 24.7 18.6 27.8

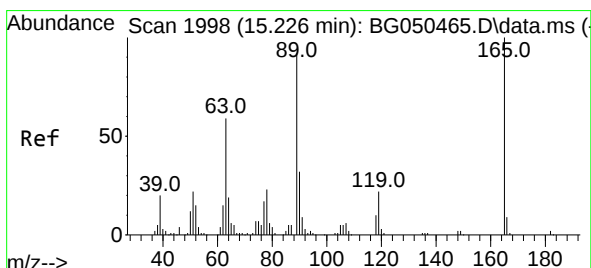
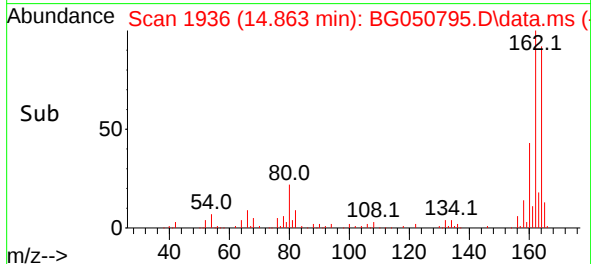
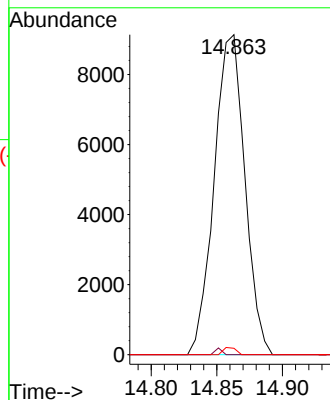
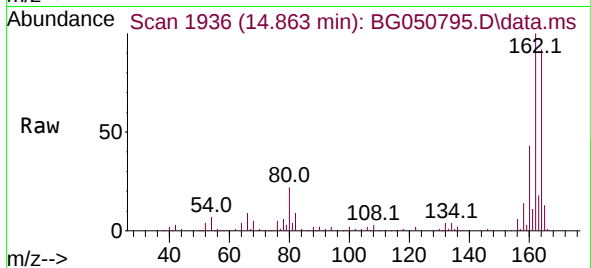




#51
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

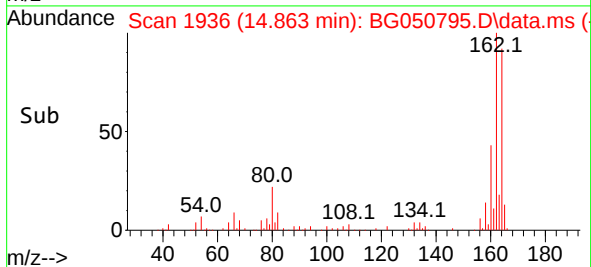
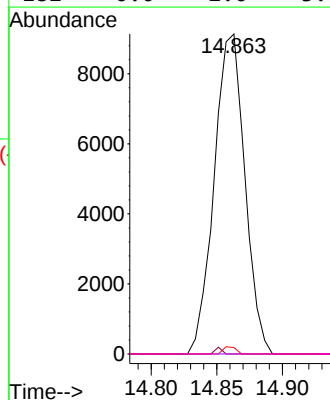
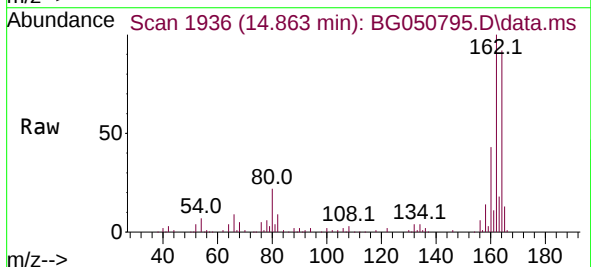
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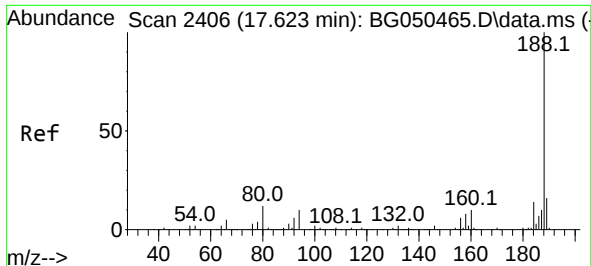
Tgt Ion:165 Resp: 14846
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 14.863 min Scan# 1936
Delta R.T. -0.353 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:165 Resp: 14846
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

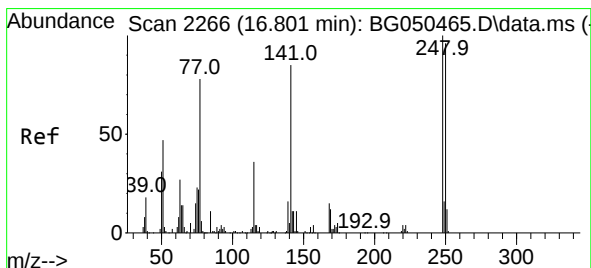
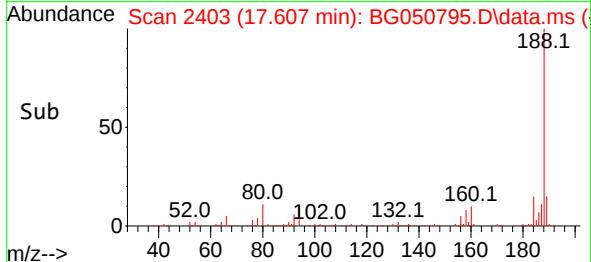
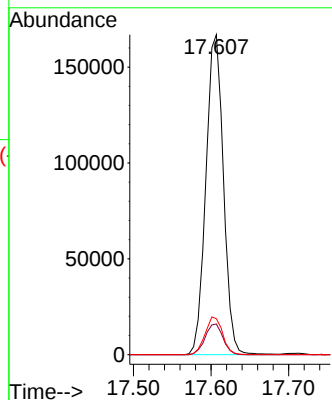
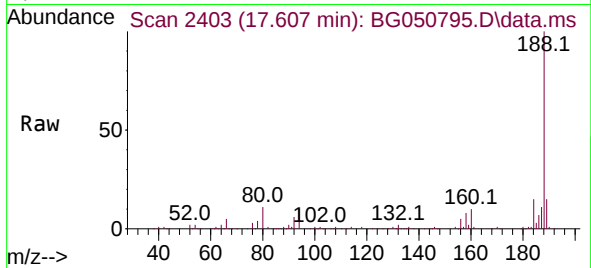




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

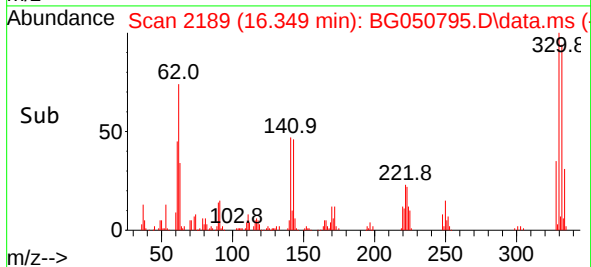
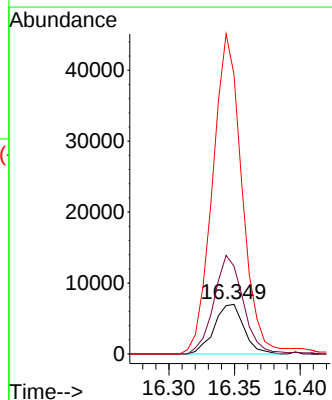
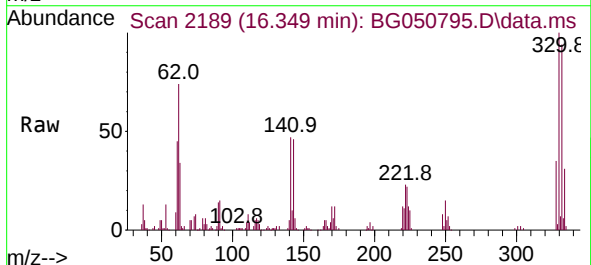
Instrument :
BNA_G
ClientSampleId :
PB140358BL

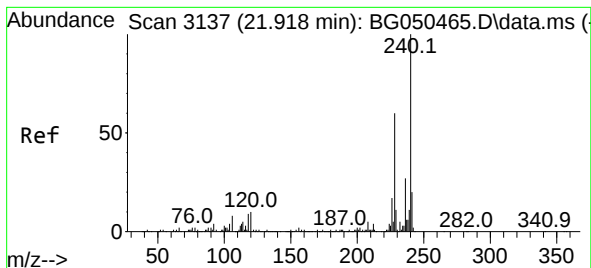
Tgt Ion:188 Resp: 262126
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.154 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.435 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:248 Resp: 10972
Ion Ratio Lower Upper
248 100
250 176.8 76.1 114.1#
141 563.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.902 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG050795.D

Acq: 1 Nov 2021 12:23

Instrument :

BNA_G

ClientSampleId :

PB140358BL

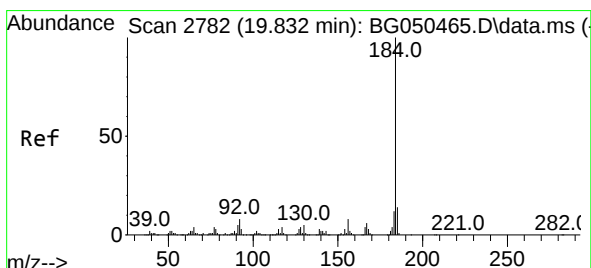
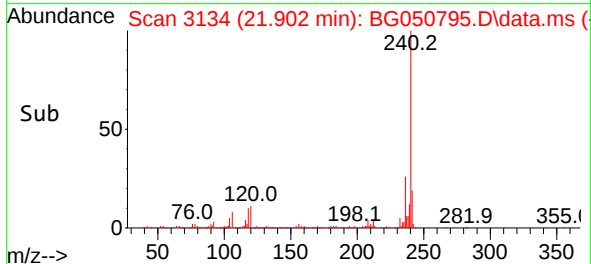
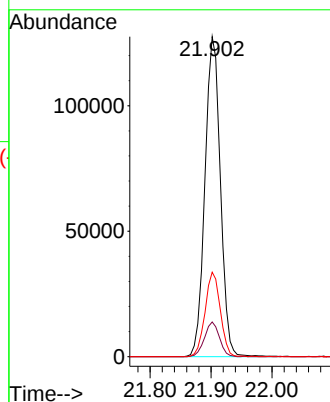
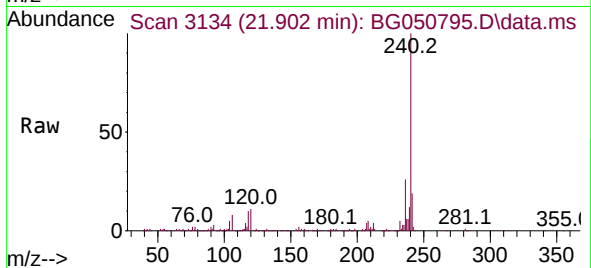
Tgt Ion:240 Resp: 225006

Ion Ratio Lower Upper

240 100

120 10.9 4.2 6.2#

236 26.4 21.8 32.6



#77

Benzidine

Concen: 2.669 ng

RT: 20.192 min Scan# 2843

Delta R.T. 0.370 min

Lab File: BG050795.D

Acq: 1 Nov 2021 12:23

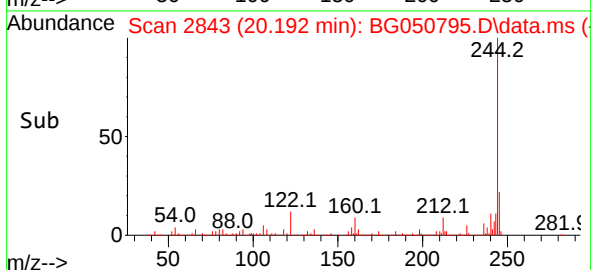
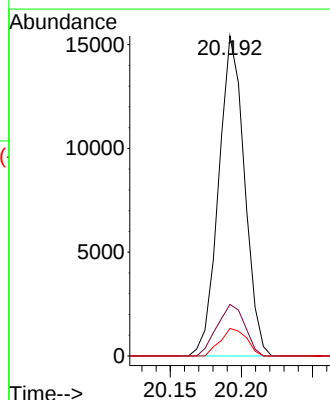
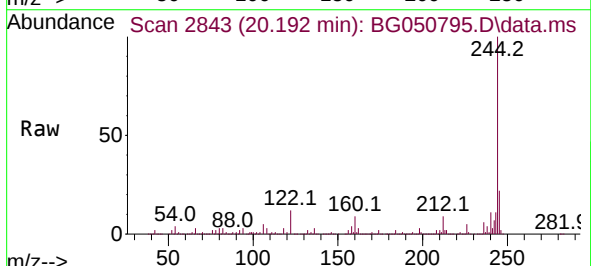
Tgt Ion:184 Resp: 19467

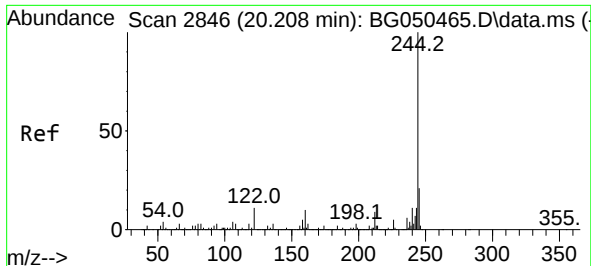
Ion Ratio Lower Upper

184 100

185 16.1 10.7 16.1

183 8.6 9.4 14.0#

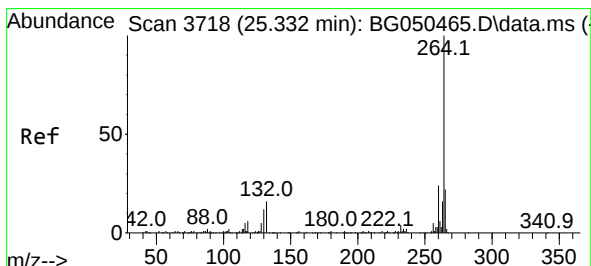
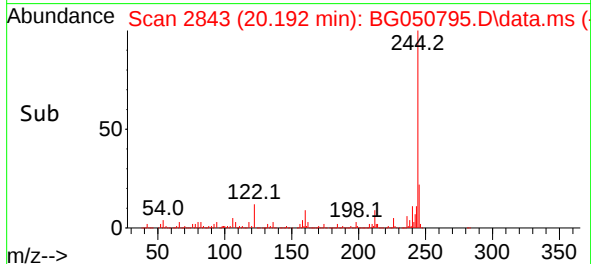
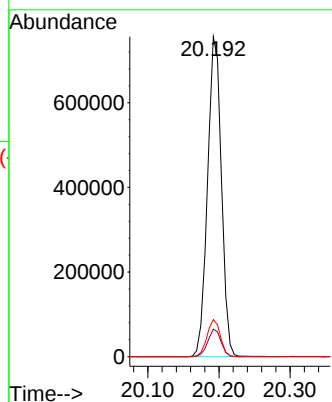
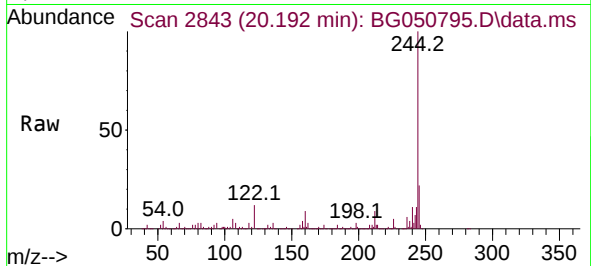




#79
 Terphenyl-d14
 Concen: 88.897 ng
 RT: 20.192 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG050795.D
 Acq: 1 Nov 2021 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB140358BL

Tgt Ion:244 Resp: 1026377
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 11.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.310 min Scan# 3714
 Delta R.T. -0.000 min
 Lab File: BG050795.D
 Acq: 1 Nov 2021 12:23

Tgt Ion:264 Resp: 216911
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.1 16.9 25.3

