

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050504.D
 Acq On : 8 Oct 2021 10:19
 Operator : CG/JU
 Sample : PB139722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139722BL

Quant Time: Oct 08 13:25:22 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)

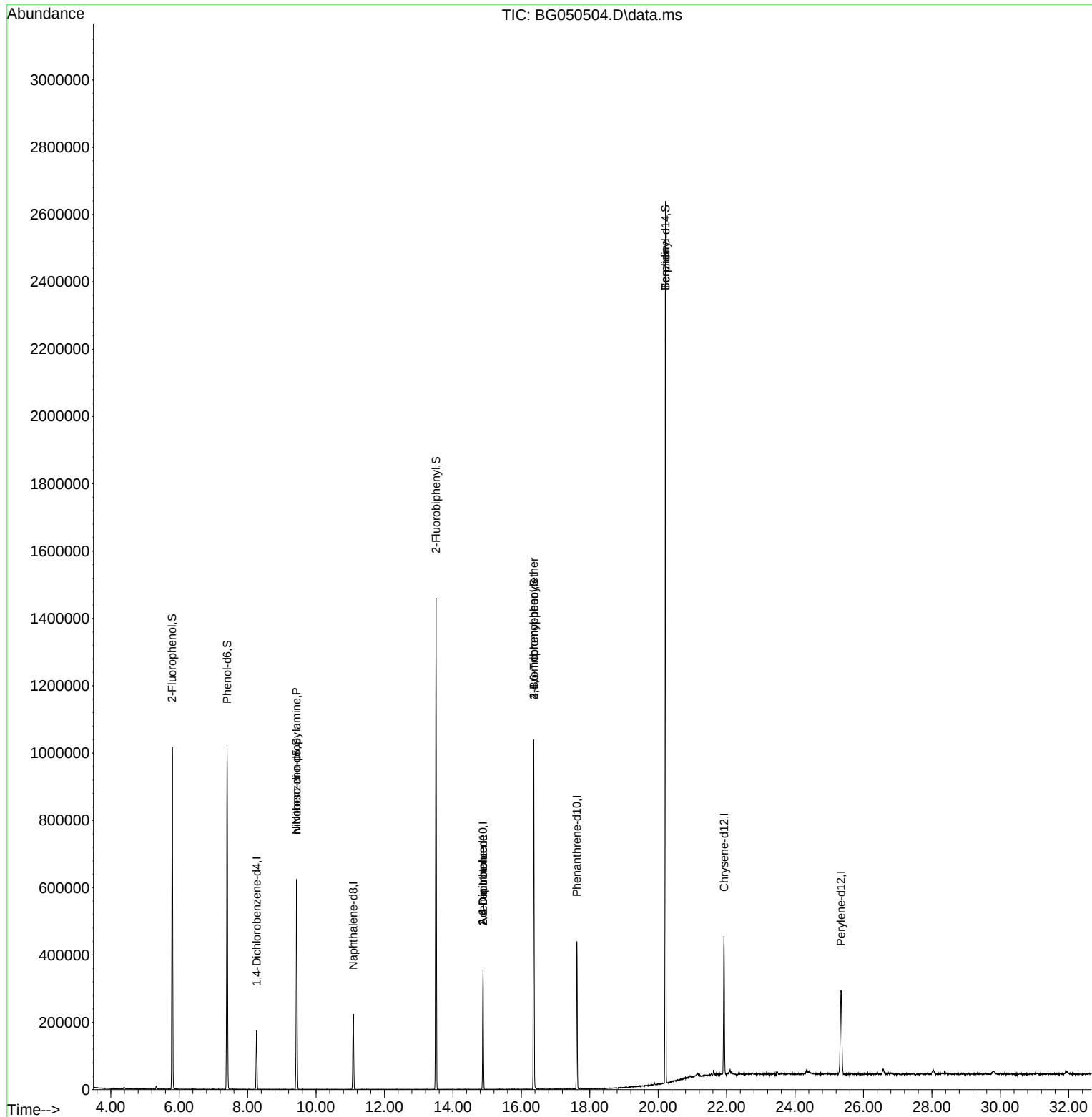
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	46458	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	185945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	119442	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	267441	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	252198	20.000	ng	# 0.00
86) Perylene-d12	25.344	264	250490	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	424141	136.536	ng	0.00
7) Phenol-d6	7.400	99	552595	122.865	ng	0.00
23) Nitrobenzene-d5	9.433	82	399569	88.954	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	154057	135.225	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	711804	89.691	ng	0.00
79) Terphenyl-d14	20.215	244	1131251	87.416	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.400	77	1261	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.433	70	56765	17.316	ng	# 69
51) 2,6-Dinitrotoluene	14.880	165	15889	8.787	ng	# 12
57) 2,4-Dinitrotoluene	14.880	165	15889	6.234	ng	# 17
67) 4-Bromophenyl-phenylether	16.366	248	12893	4.784	ng	# 1
77) Benzidine	20.215	184	23727	2.903	ng	# 93

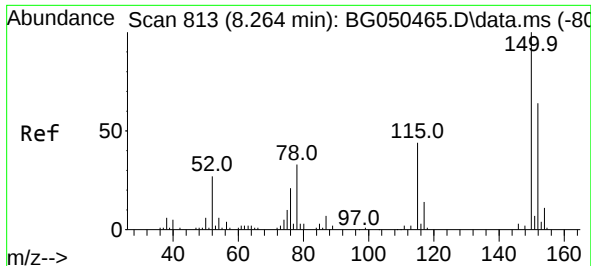
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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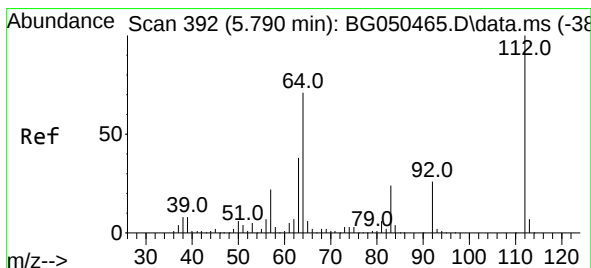
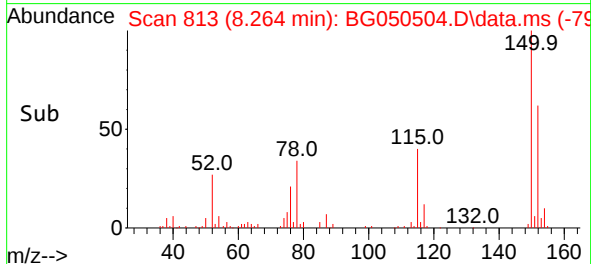
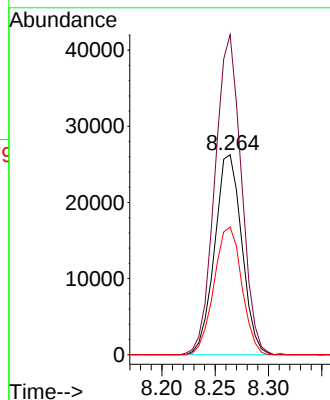
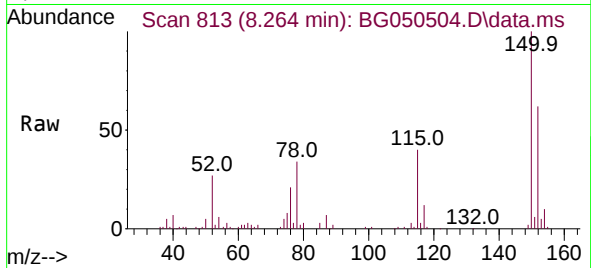




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

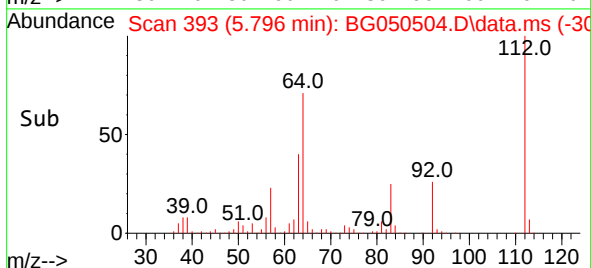
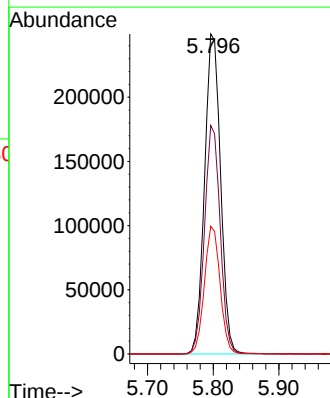
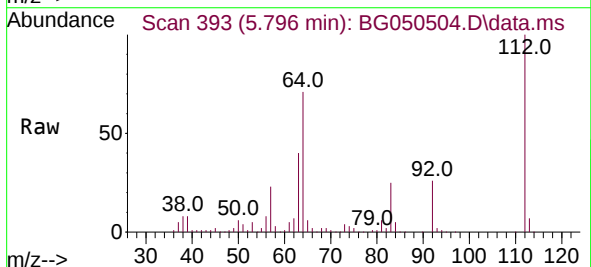
Instrument :
BNA_G
ClientSampleId :
PB139722BL

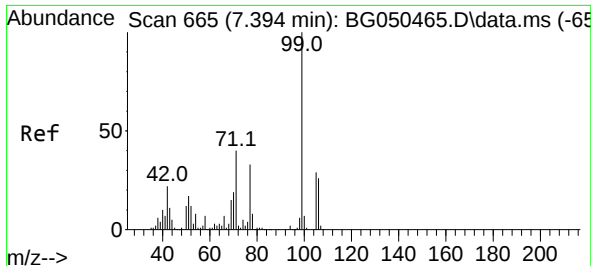
Tgt Ion:152 Resp: 46458
Ion Ratio Lower Upper
152 100
150 160.0 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 136.536 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:112 Resp: 424141
Ion Ratio Lower Upper
112 100
64 71.4 46.7 70.1#
63 39.9 35.3 52.9

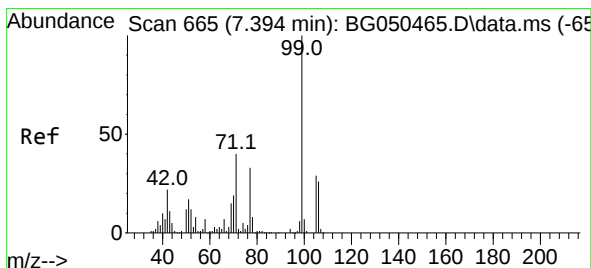
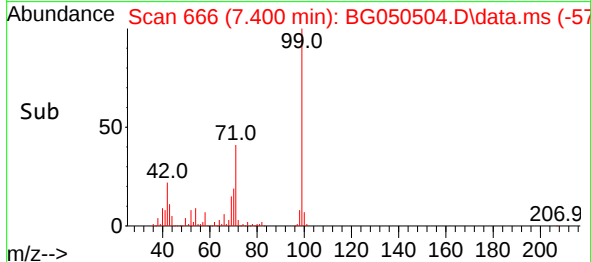
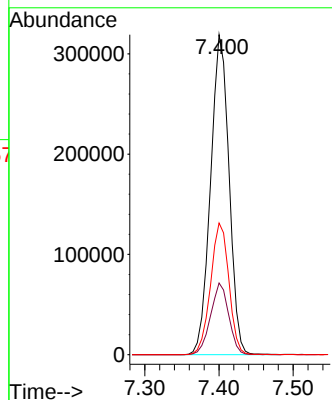
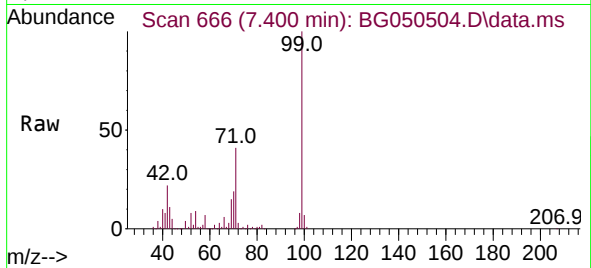




#7
Phenol-d6
Concen: 122.865 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

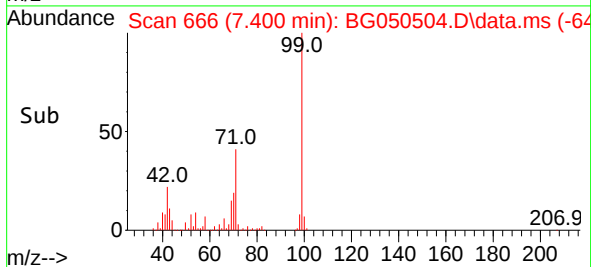
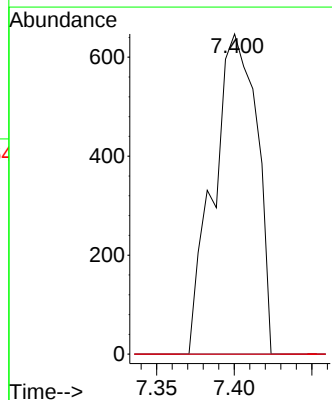
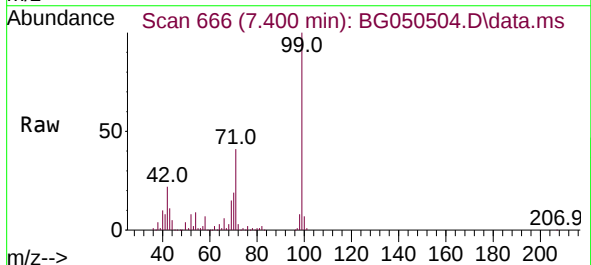
Instrument :
BNA_G
ClientSampleId :
PB139722BL

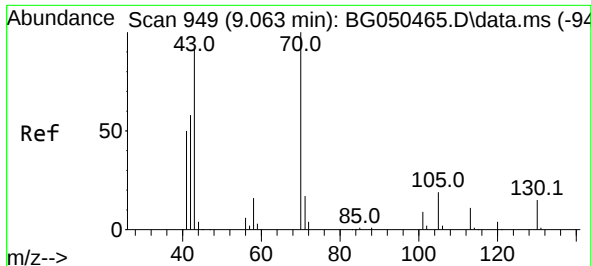
Tgt Ion: 99 Resp: 552595
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion: 77 Resp: 1261
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

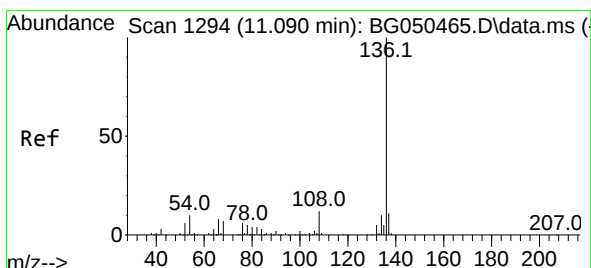
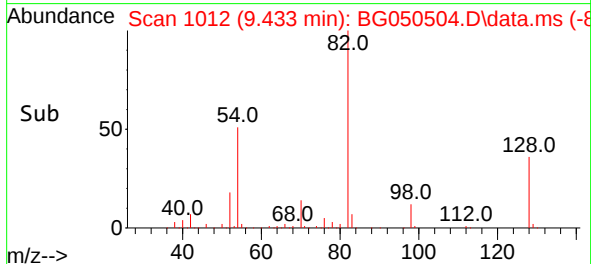
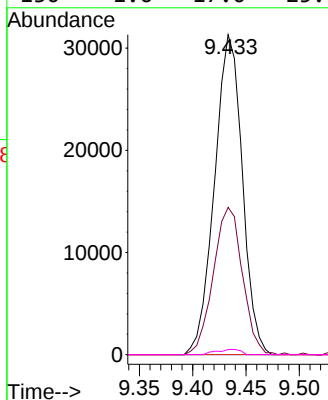
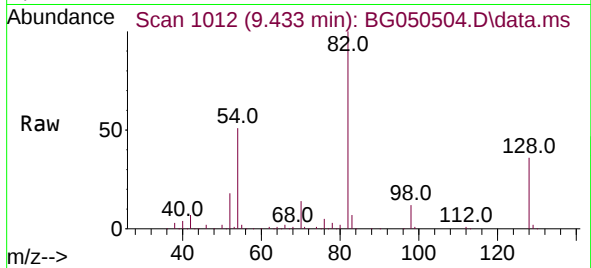




#19
n-Nitroso-di-n-propylamine
Concen: 17.316 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.370 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

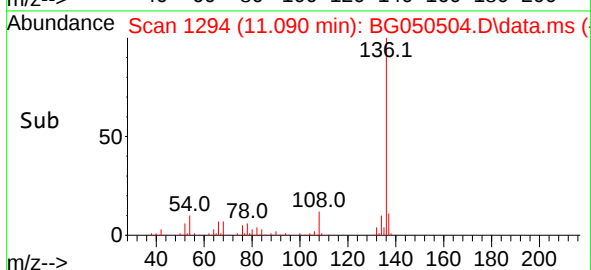
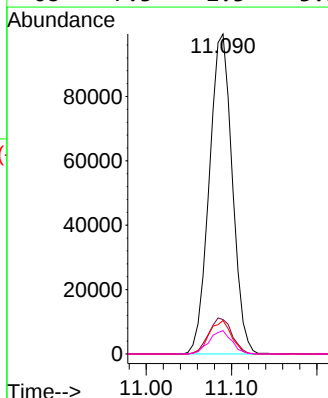
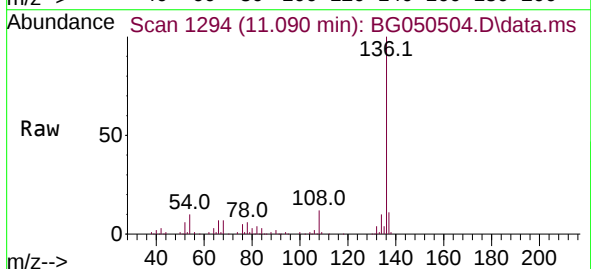
Instrument :
BNA_G
ClientSampleId :
PB139722BL

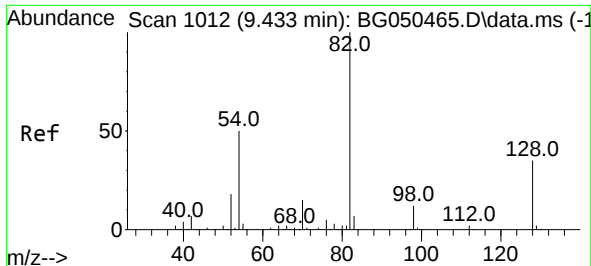
Tgt Ion: 70 Resp: 56765
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion: 136 Resp: 185945
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 10.4 5.5 8.3#
68 7.3 2.3 3.5#

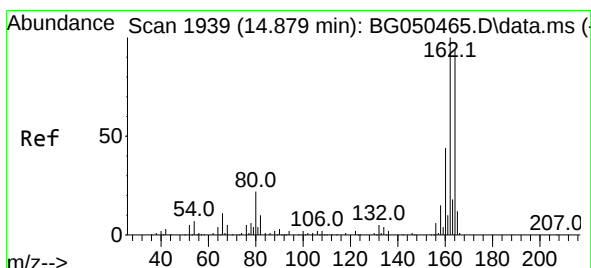
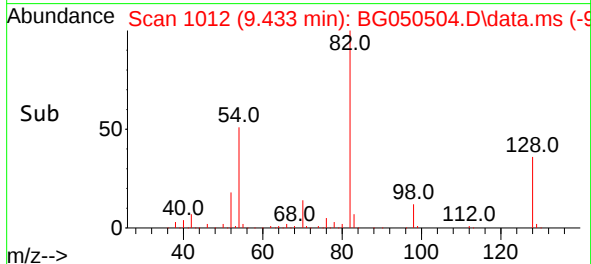
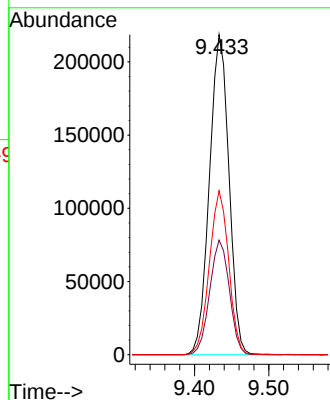
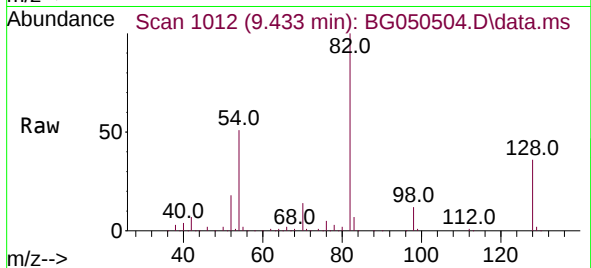




#23
Nitrobenzene-d5
Concen: 88.954 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

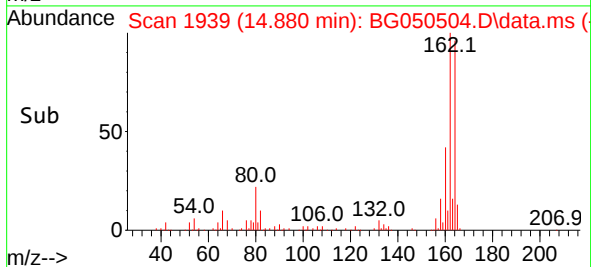
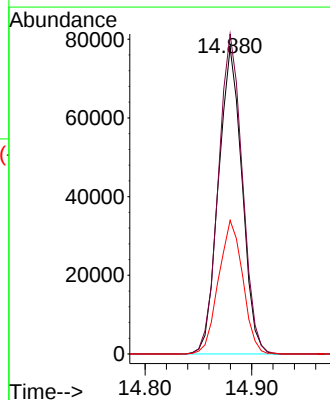
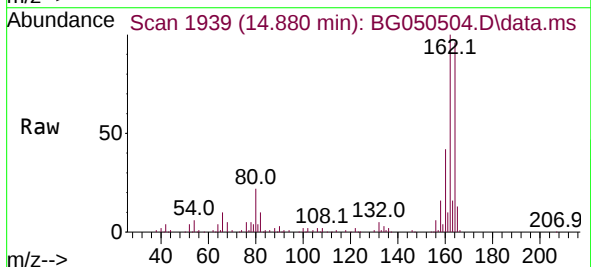
Instrument :
BNA_G
ClientSampleId :
PB139722BL

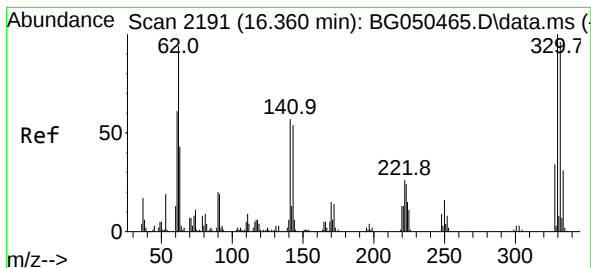
Tgt Ion: 82 Resp: 399569
Ion Ratio Lower Upper
82 100
128 35.8 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

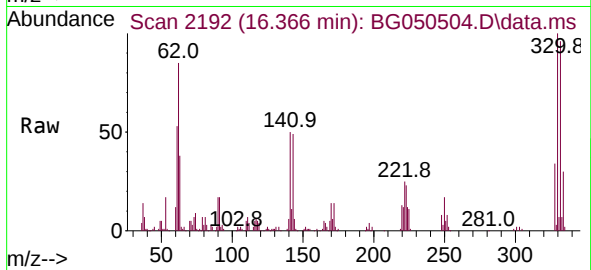
Tgt Ion: 164 Resp: 119442
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 43.6 34.9 52.3



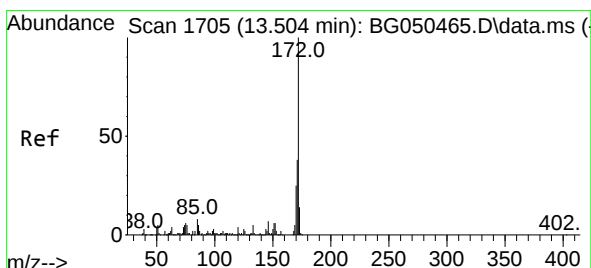
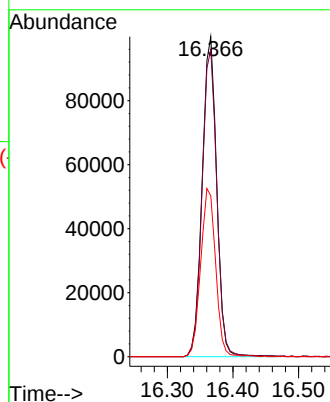
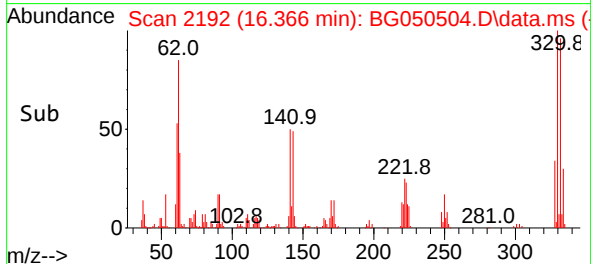


#42
2,4,6-Tribromophenol
Concen: 135.225 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

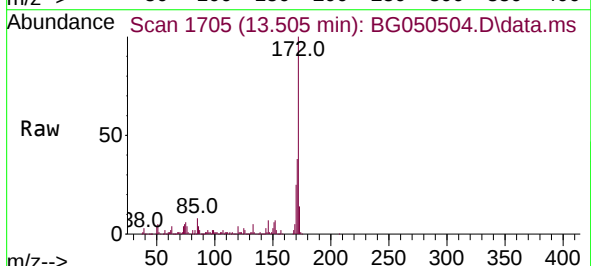
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BNA_G
ClientSampleId :
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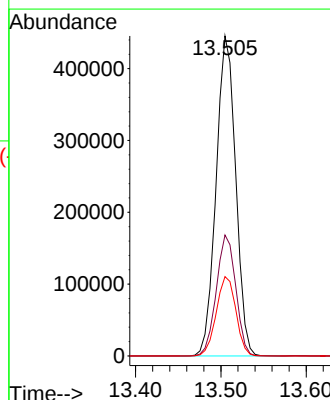
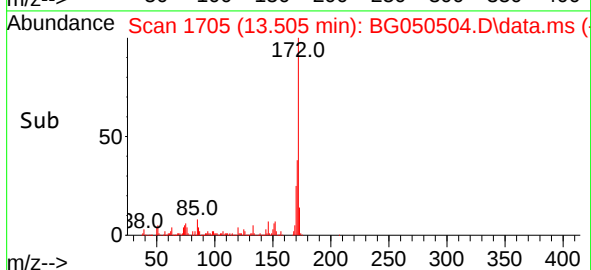
Tgt Ion:330 Resp: 154057
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 54.2 35.6 53.4#

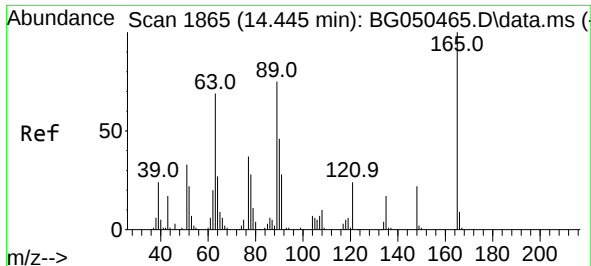


#45
2-Fluorobiphenyl
Concen: 89.691 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19



Tgt Ion:172 Resp: 711804
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.8 18.6 27.8

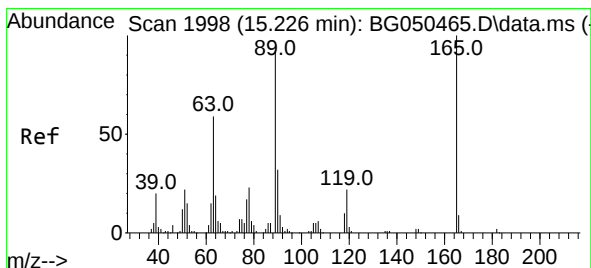
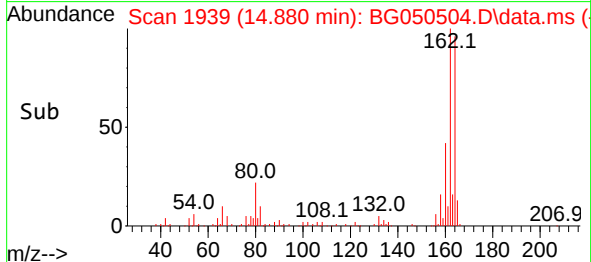
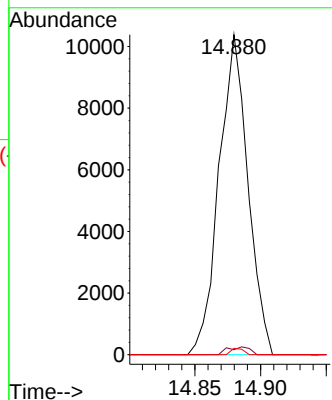
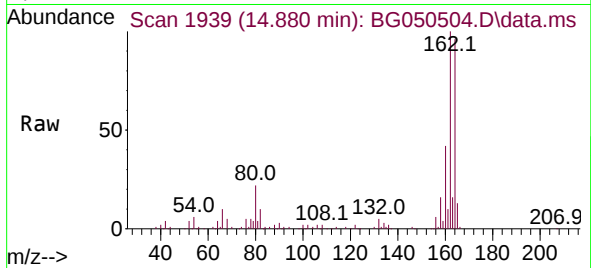




#51
2,6-Dinitrotoluene
Concen: 8.787 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.435 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

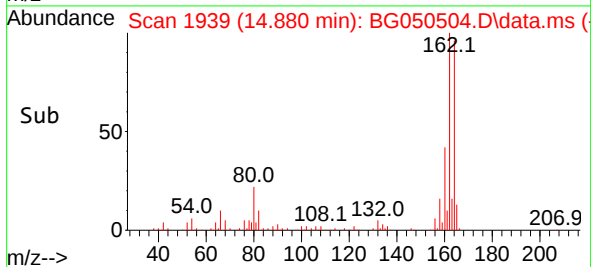
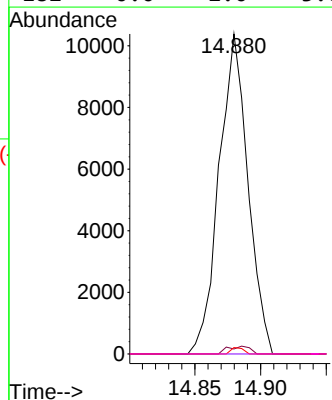
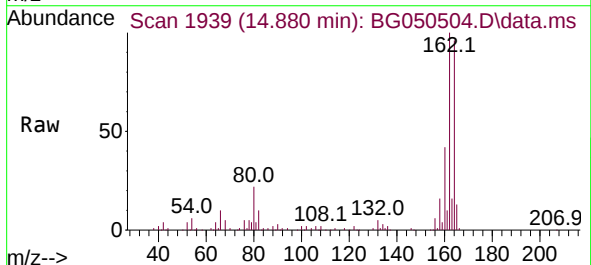
Instrument :
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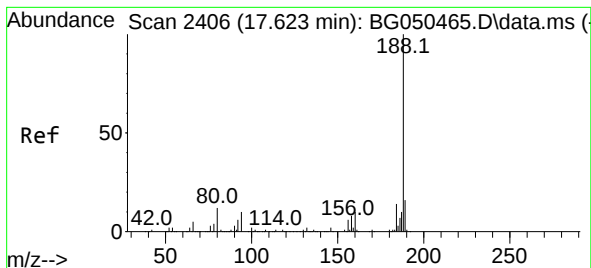
Tgt Ion:165 Resp: 15889
Ion Ratio Lower Upper
165 100
63 1.5 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:165 Resp: 15889
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

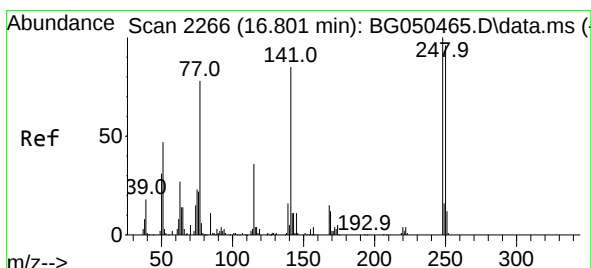
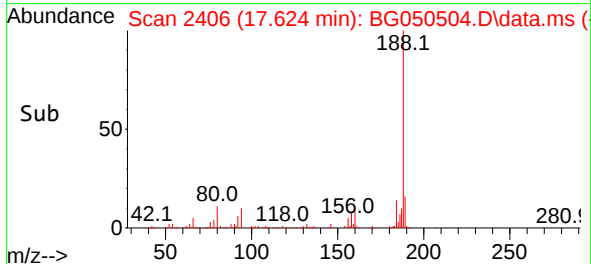
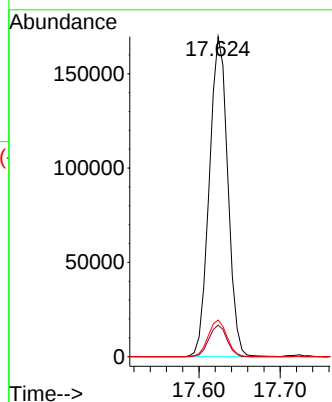
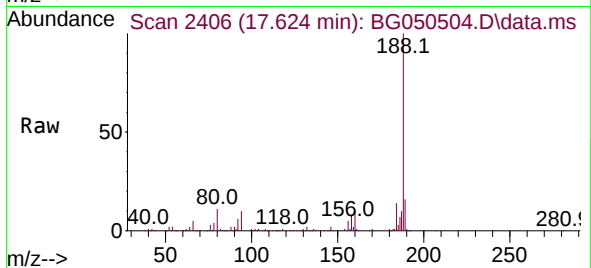




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

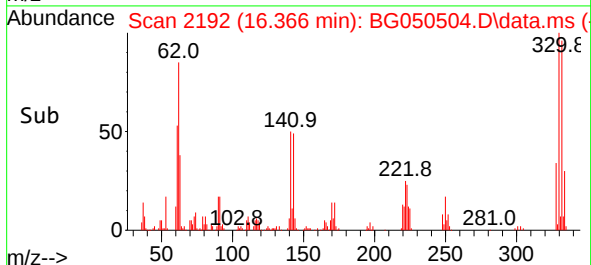
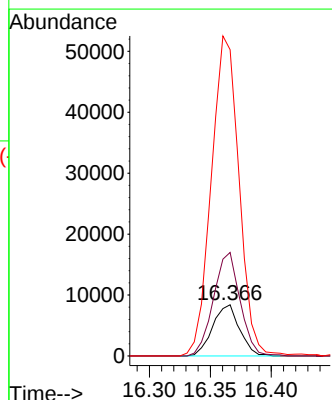
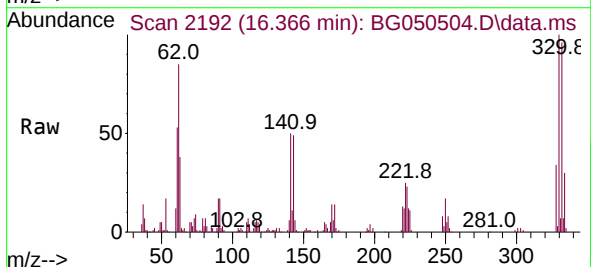
Instrument :
BNA_G
ClientSampleId :
PB139722BL

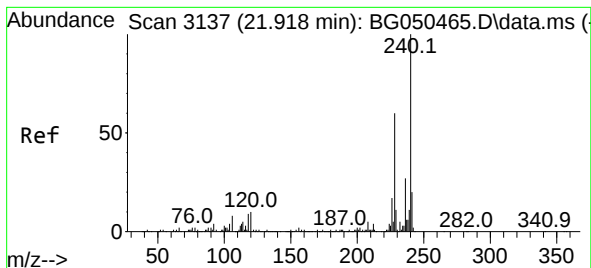
Tgt Ion:188 Resp: 267441
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 11.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.784 ng
RT: 16.366 min Scan# 2192
Delta R.T. -0.434 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:248 Resp: 12893
Ion Ratio Lower Upper
248 100
250 202.0 76.1 114.1#
141 597.9 65.4 98.2#

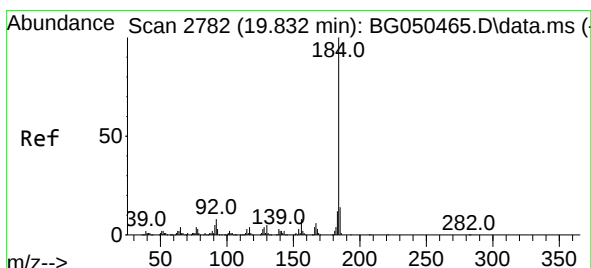
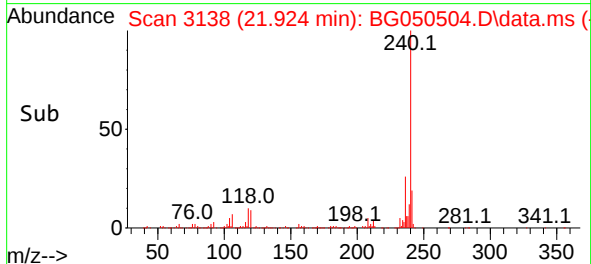
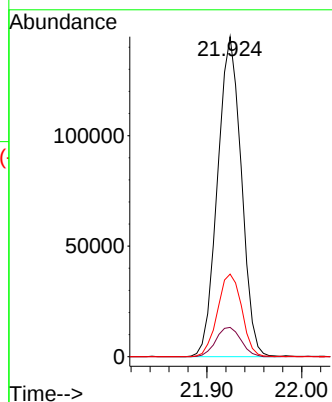
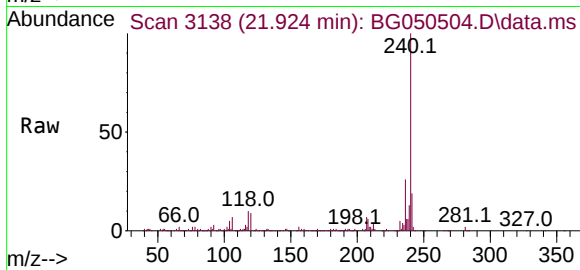




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

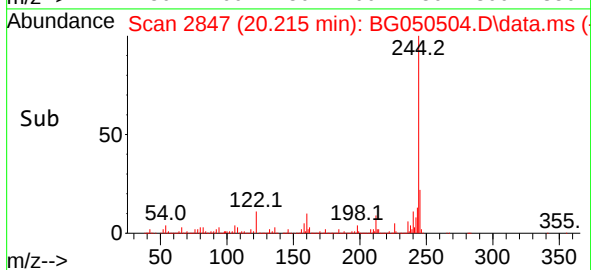
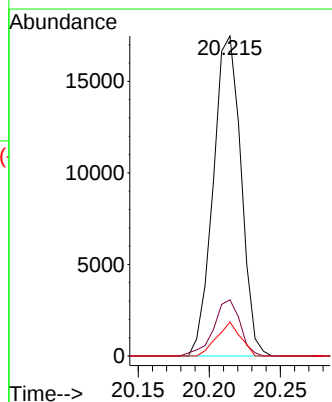
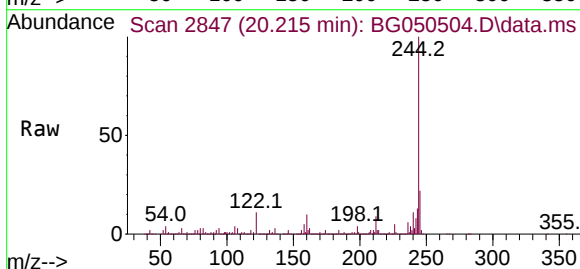
Instrument :
BNA_G
ClientSampled :
PB139722BL

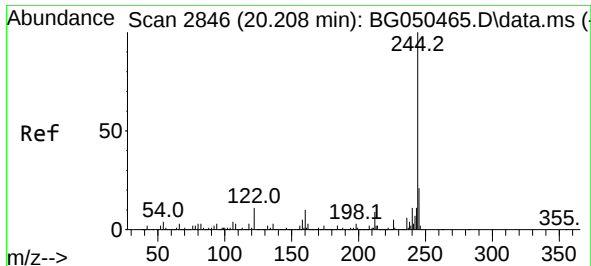
Tgt Ion:240 Resp: 252198
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.8 21.8 32.6



#77
Benzidine
Concen: 2.903 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.382 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:184 Resp: 23727
Ion Ratio Lower Upper
184 100
185 17.5 10.7 16.1#
183 10.6 9.4 14.0

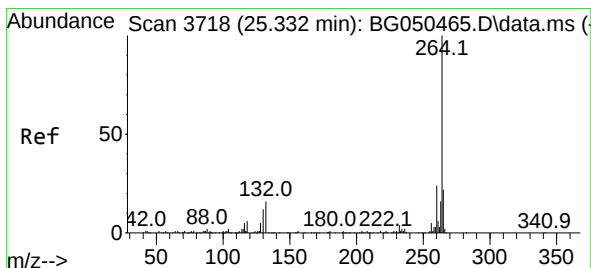
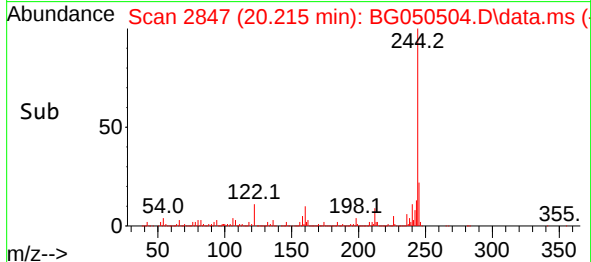
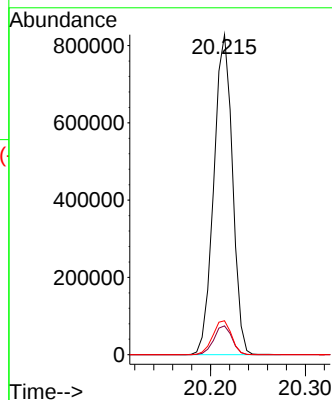
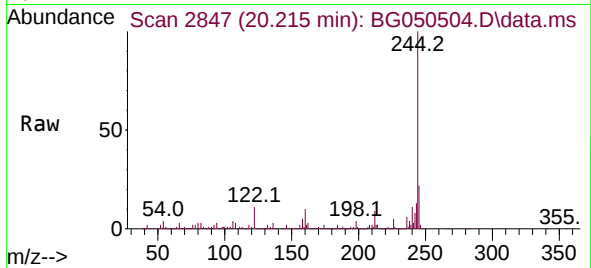




#79
Terphenyl-d14
Concen: 87.416 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Instrument :
BNA_G
ClientSampleId :
PB139722BL

Tgt Ion:244 Resp: 1131251
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 10.6 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3720
Delta R.T. 0.012 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:264 Resp: 250490
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.7 16.9 25.3

