

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050634.D
 Acq On : 19 Oct 2021 14:24
 Operator : CG/JU
 Sample : M4224-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 515-Z

Quant Time: Oct 19 15:06:48 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)

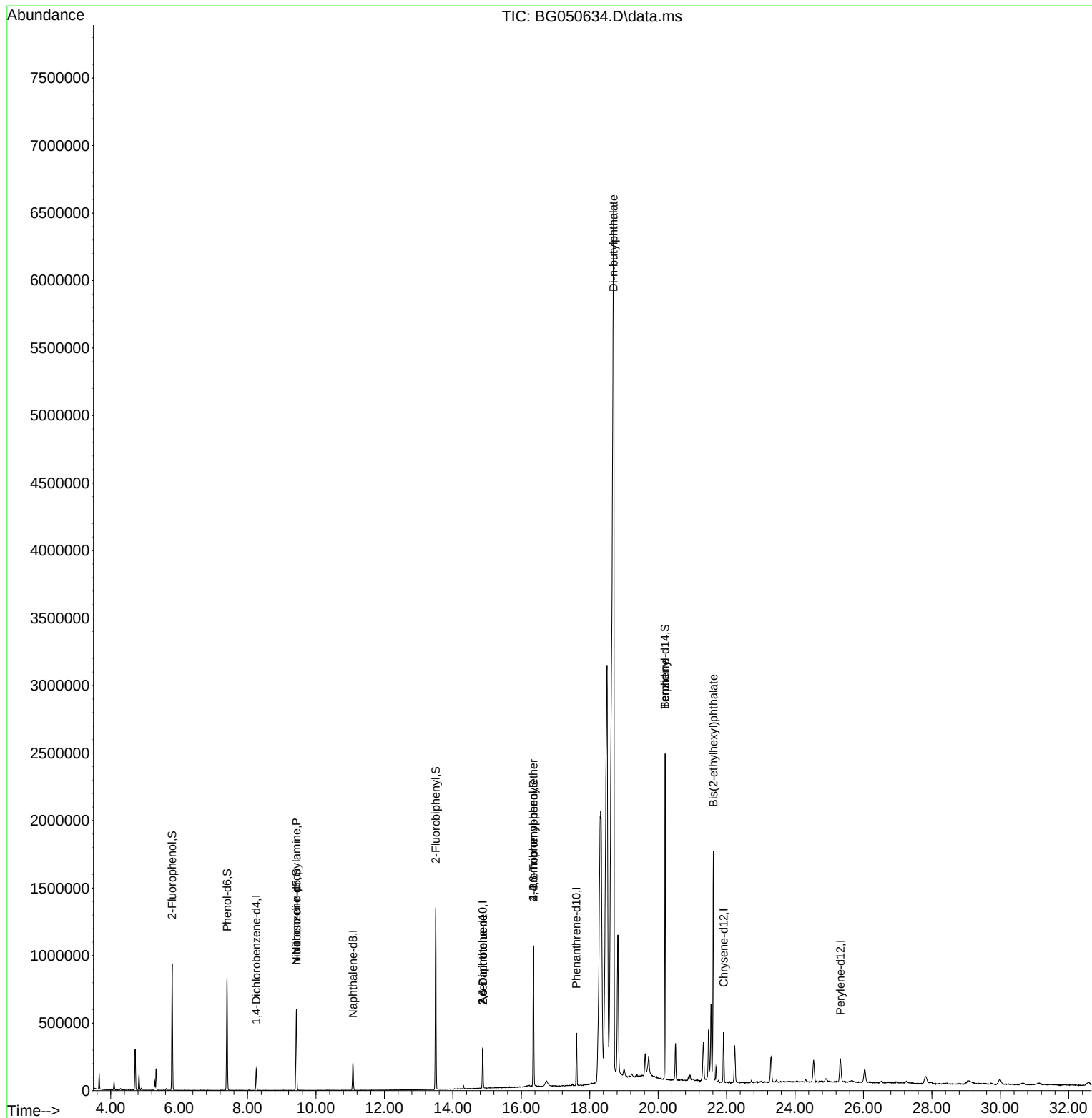
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	41834	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	167108	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	102121	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	234198	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	224910	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	147440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	375880	134.374	ng	0.00
7) Phenol-d6	7.401	99	465393	114.914	ng	0.00
23) Nitrobenzene-d5	9.428	82	388191	96.162	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	149697	153.684	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	654605	96.474	ng	0.00
79) Terphenyl-d14	20.204	244	1045759	90.614	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.407	77	1046	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	55255	18.719	ng	# 71
51) 2,6-Dinitrotoluene	14.875	165	13511	8.739	ng	# 10
57) 2,4-Dinitrotoluene	14.875	165	13511	6.200	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	12147	5.147	ng	# 1
74) Di-n-butylphthalate	18.700	149	7059661	492.169	ng	# 82
77) Benzidine	20.204	184	21664	2.972	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.614	149	680686	70.976	ng	# 53

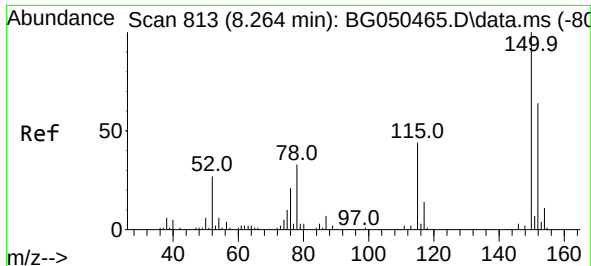
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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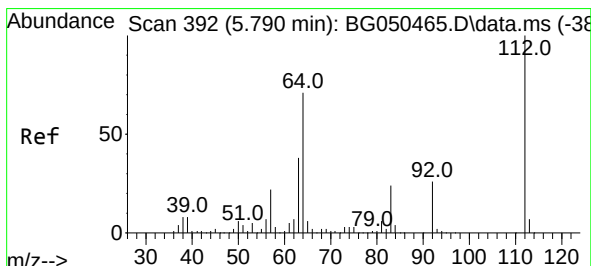
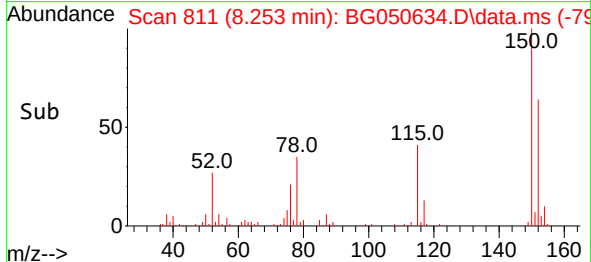
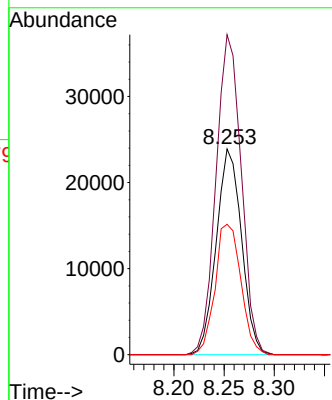
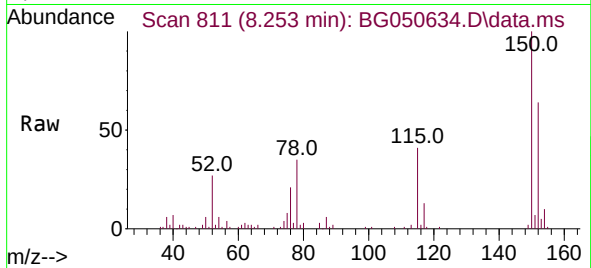




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

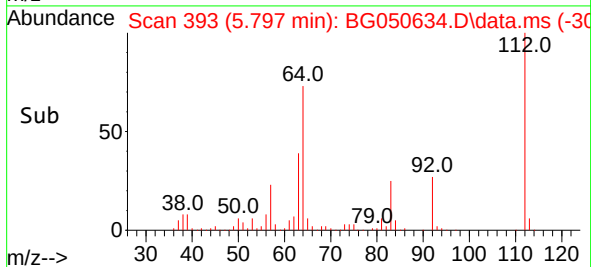
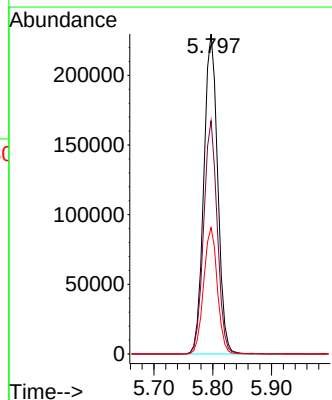
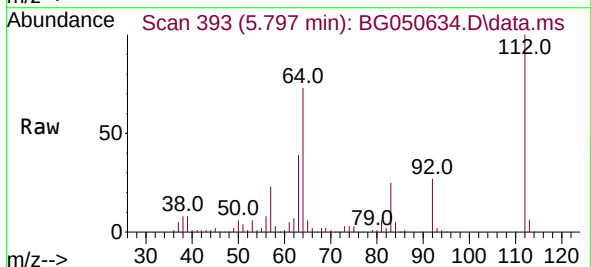
Instrument :
BNA_G
ClientSampleId :
515-Z

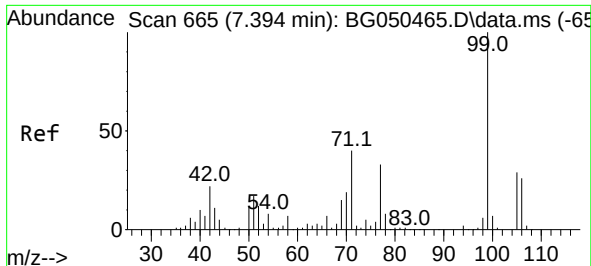
Tgt Ion:152 Resp: 41834
Ion Ratio Lower Upper
152 100
150 155.6 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 134.374 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:112 Resp: 375880
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 39.5 35.3 52.9

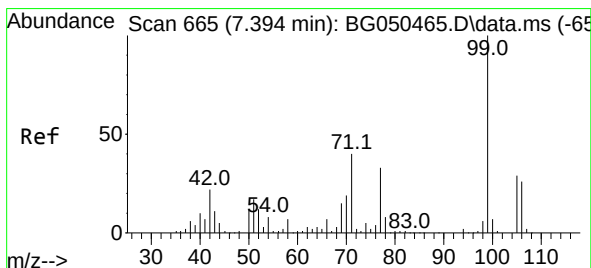
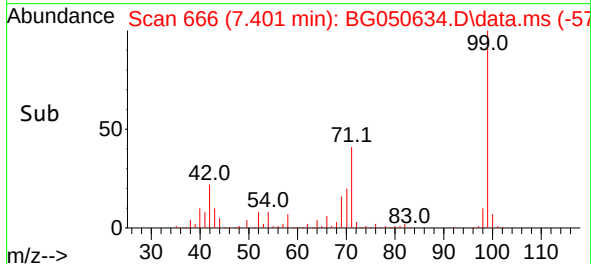
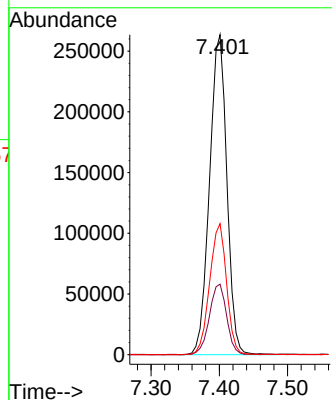
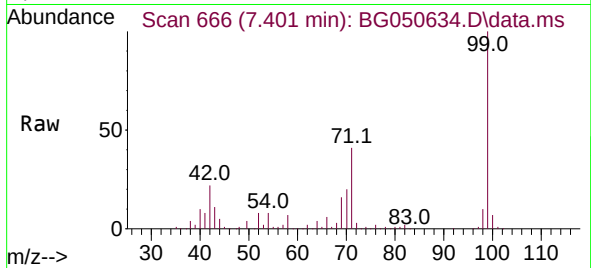




#7
Phenol-d6
Concen: 114.914 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

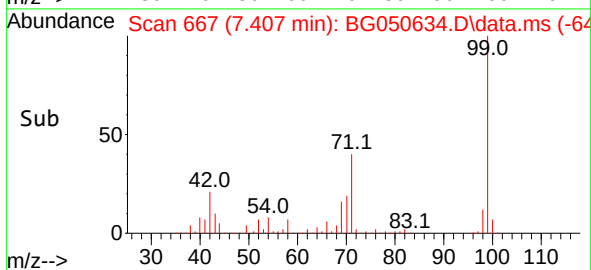
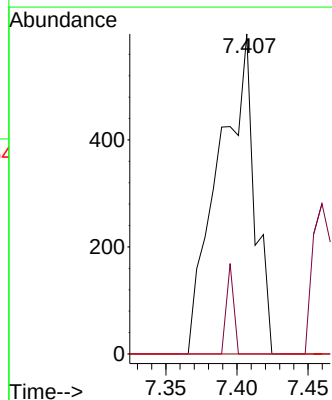
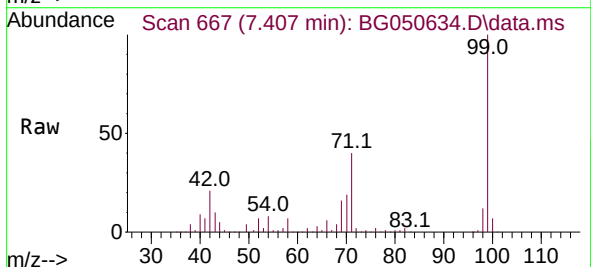
Instrument :
BNA_G
ClientSampled :
515-Z

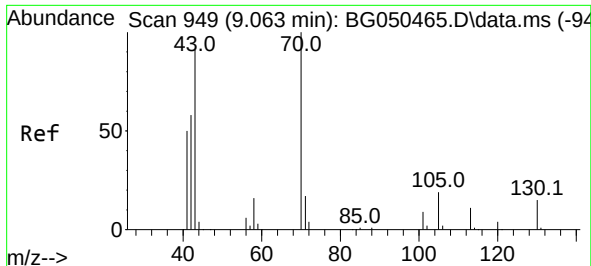
Tgt Ion: 99 Resp: 465393
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.407 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

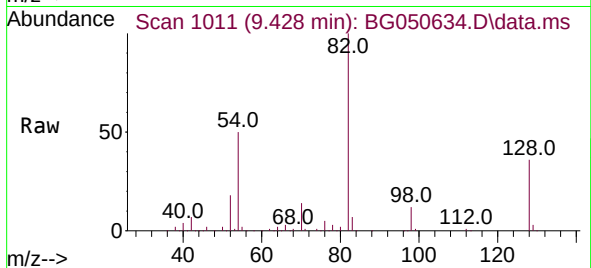
Tgt Ion: 77 Resp: 1046
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



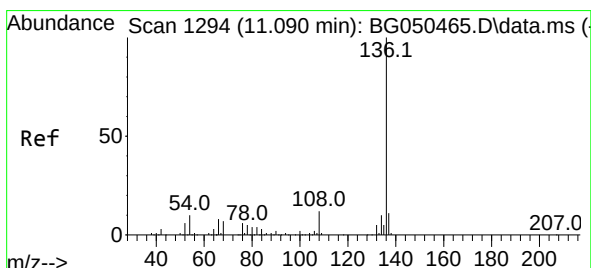
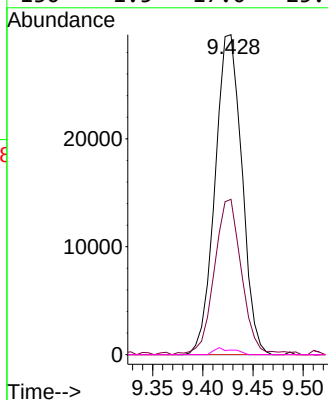
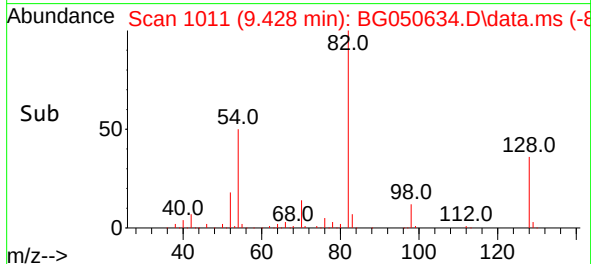


#19
n-Nitroso-di-n-propylamine
Concen: 18.719 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.371 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

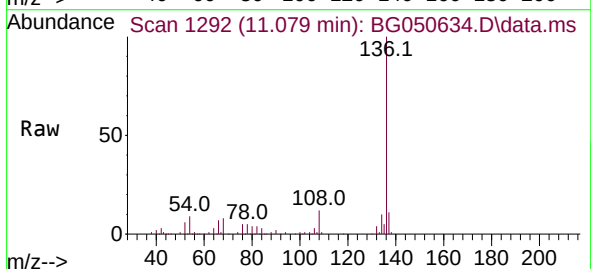
Instrument :
BNA_G
ClientSampled :
515-Z



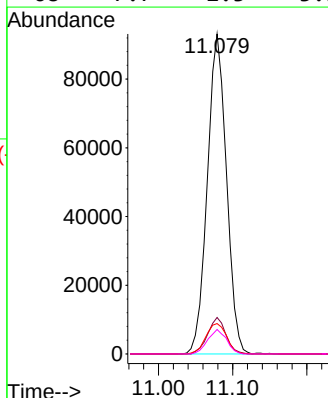
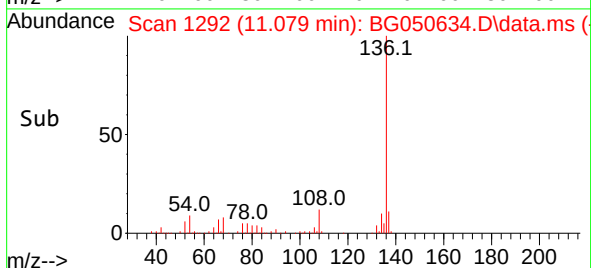
Tgt Ion: 70 Resp: 55255
Ion Ratio Lower Upper
70 100
42 48.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

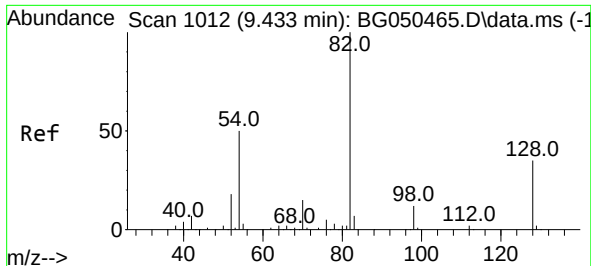


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24



Tgt Ion: 136 Resp: 167108
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.5 5.5 8.3#
68 7.7 2.3 3.5#

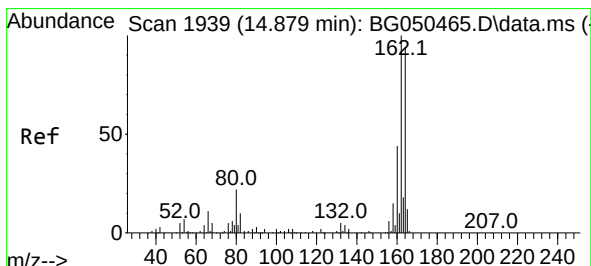
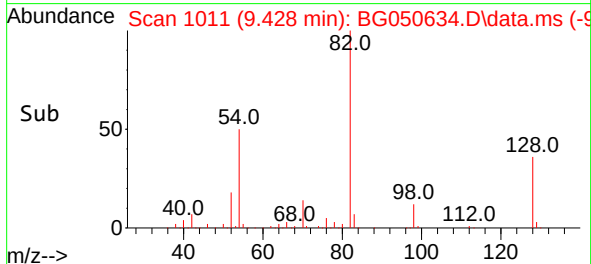
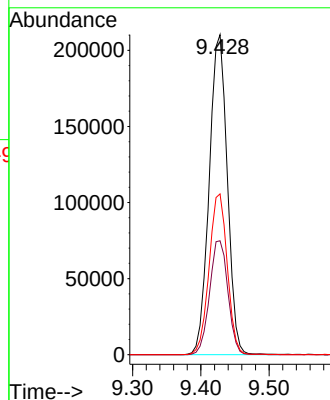
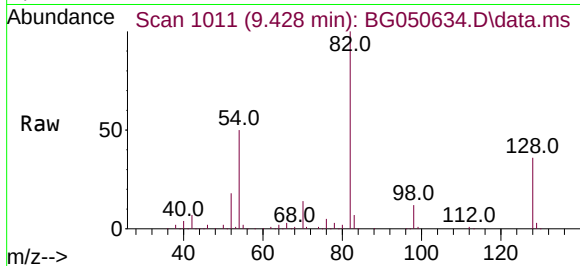




#23
Nitrobenzene-d5
Concen: 96.162 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

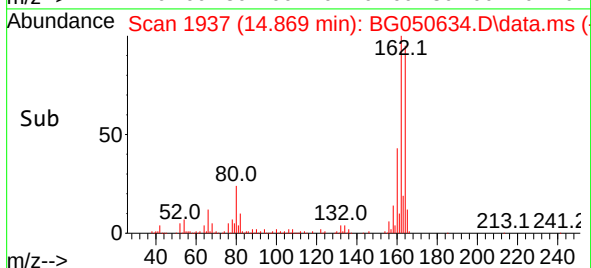
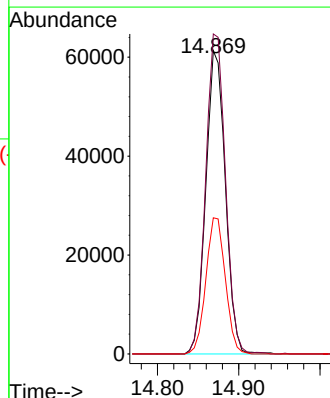
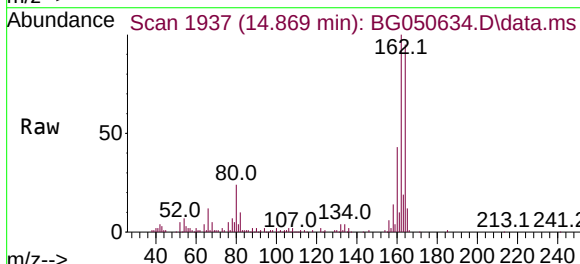
Instrument :
BNA_G
ClientSampleId :
515-Z

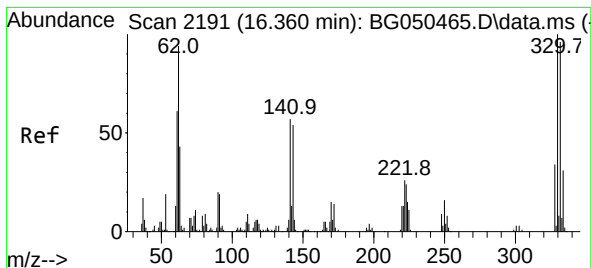
Tgt Ion: 82 Resp: 388191
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 50.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion: 164 Resp: 102121
Ion Ratio Lower Upper
164 100
162 105.5 81.4 122.0
160 44.9 34.9 52.3

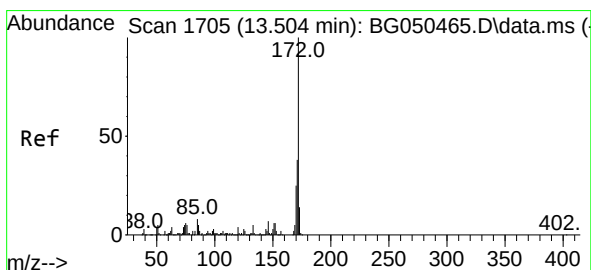
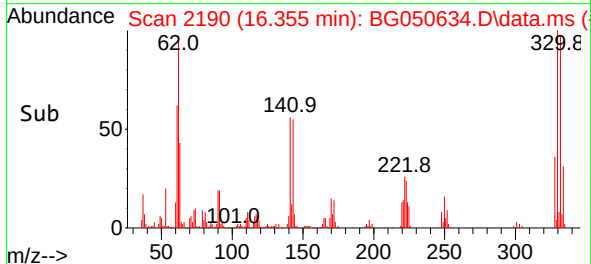
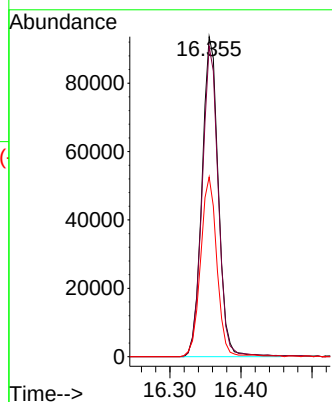
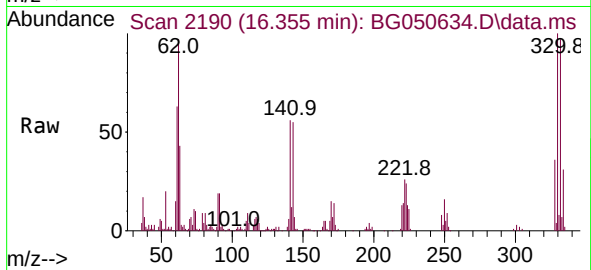




#42
2,4,6-Tribromophenol
Concen: 153.684 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

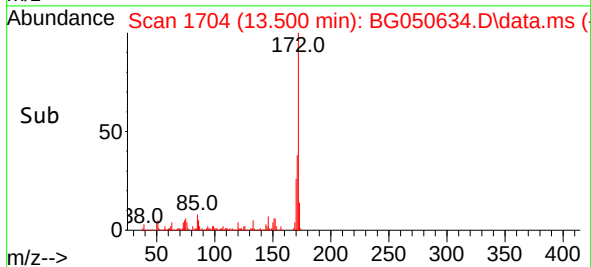
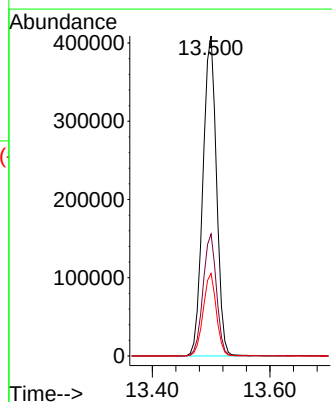
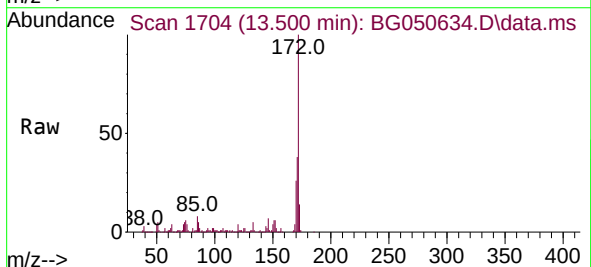
Instrument :
BNA_G
ClientSampled :
515-Z

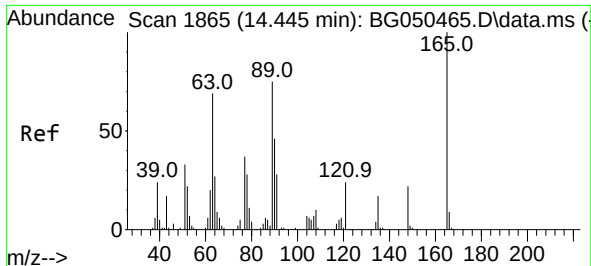
Tgt Ion:330 Resp: 149697
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 55.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 96.474 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:172 Resp: 654605
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.8 18.6 27.8

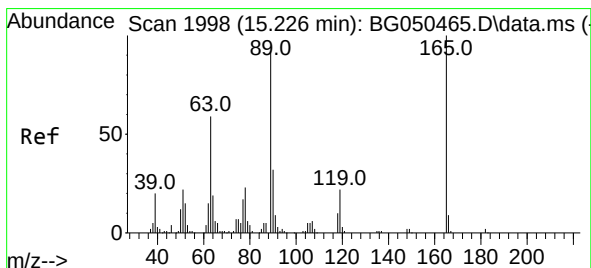
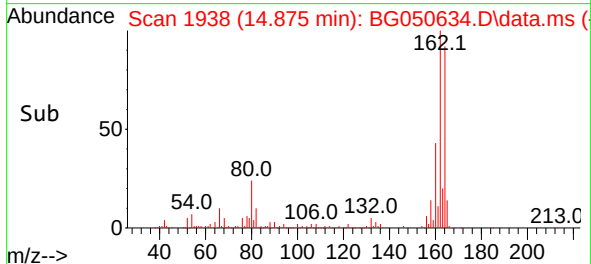
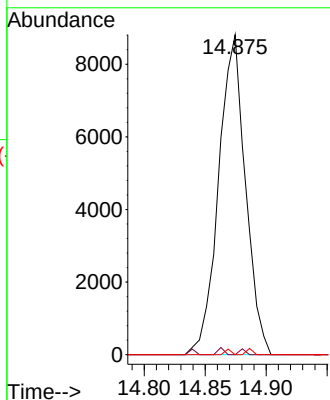
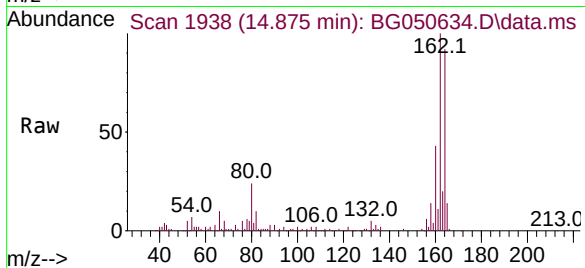




#51
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

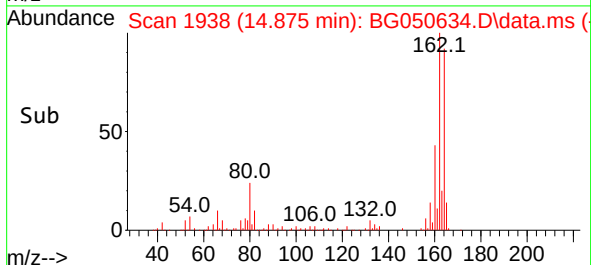
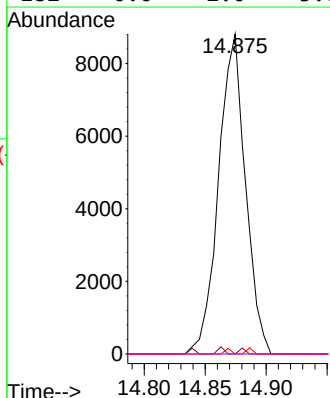
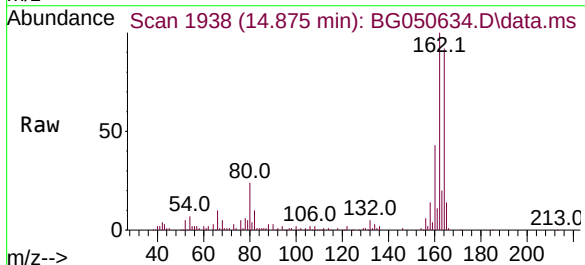
Instrument :
BNA_G
ClientSampled :
515-Z

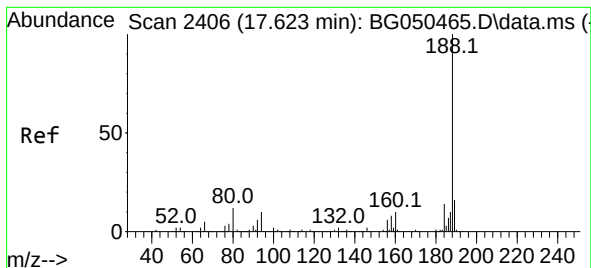
Tgt Ion:165 Resp: 13511
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:165 Resp: 13511
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#

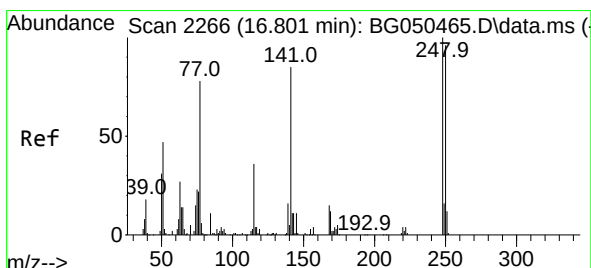
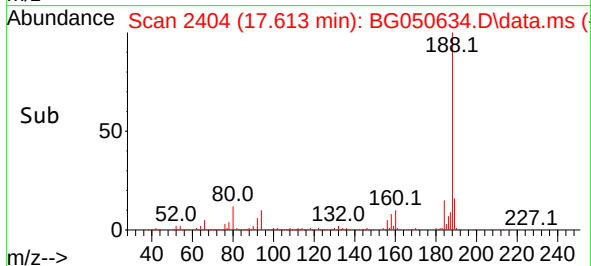
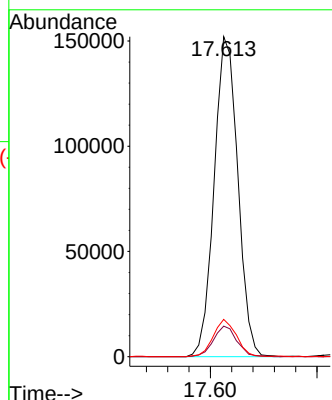
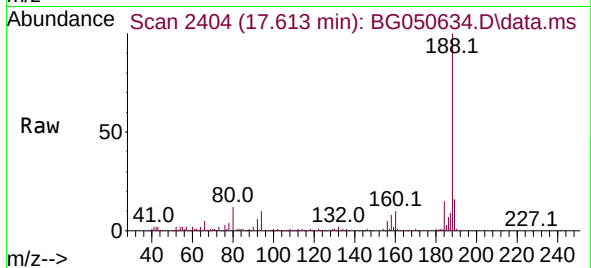




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

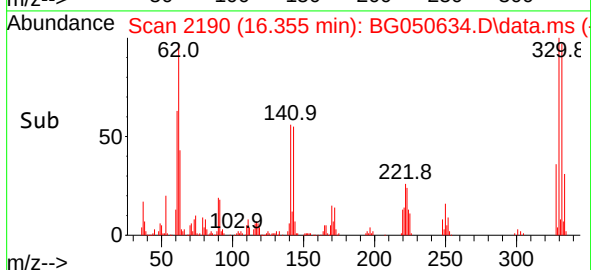
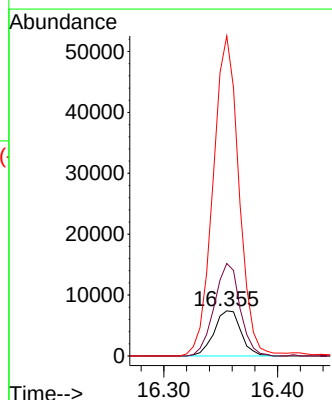
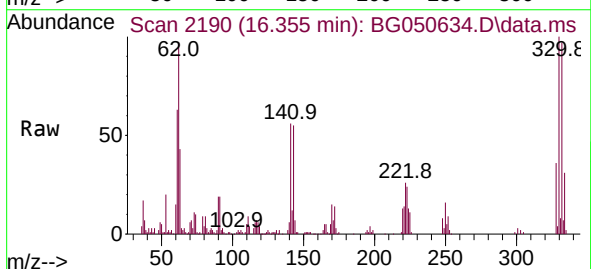
Instrument :
BNA_G
ClientSampleId :
515-Z

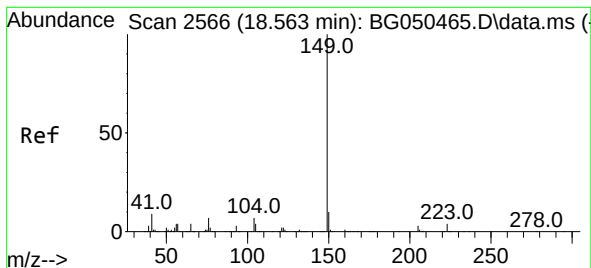
Tgt Ion:188 Resp: 234198
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.147 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:248 Resp: 12147
Ion Ratio Lower Upper
248 100
250 204.7 76.1 114.1#
141 708.8 65.4 98.2#

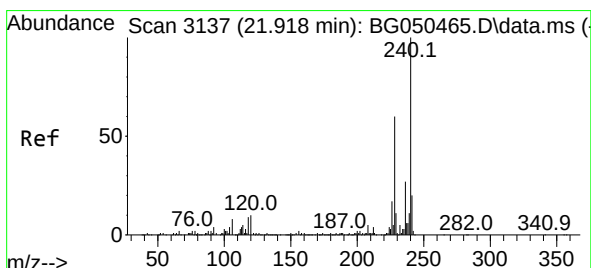
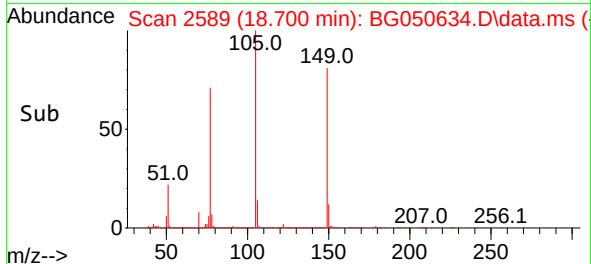
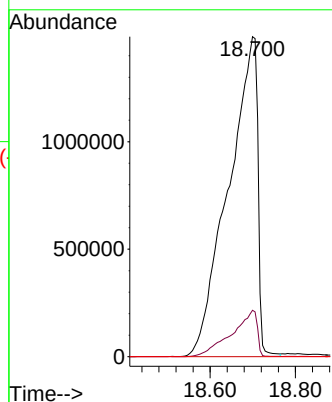
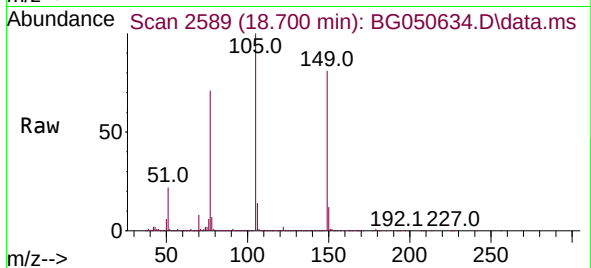




#74
Di-n-butylphthalate
Concen: 492.169 ng
RT: 18.700 min Scan# 2589
Delta R.T. 0.141 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

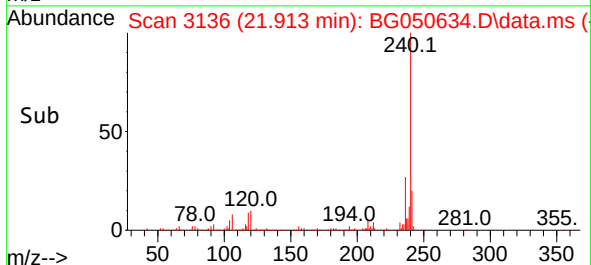
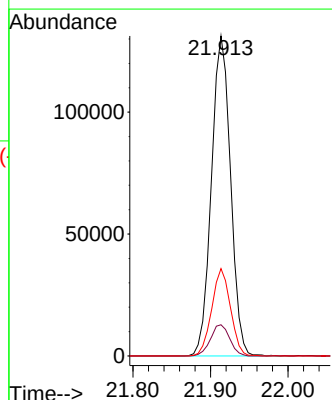
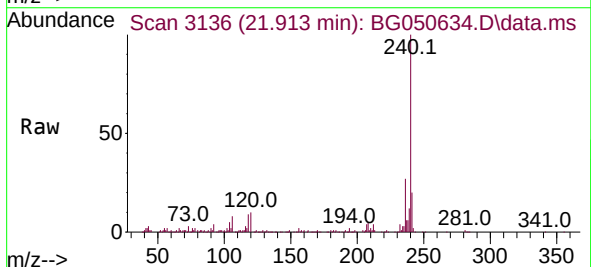
Instrument :
BNA_G
ClientSampled :
515-Z

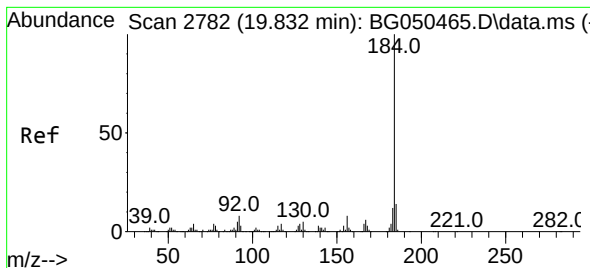
Tgt Ion:149 Resp: 7059661
Ion Ratio Lower Upper
149 100
150 14.5 7.5 11.3#
104 0.0 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:240 Resp: 224910
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 27.3 21.8 32.6





#77

Benzidine

Concen: 2.972 ng

RT: 20.204 min Scan# 2845

Delta R.T. 0.371 min

Lab File: BG050634.D

Acq: 19 Oct 2021 14:24

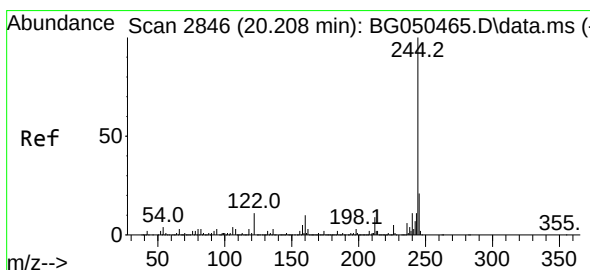
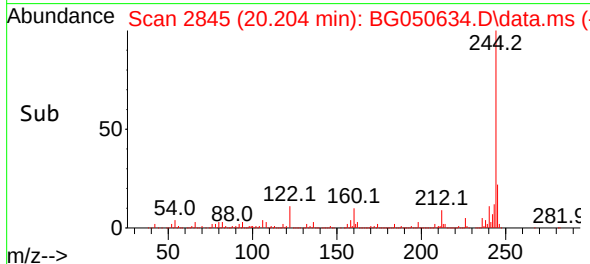
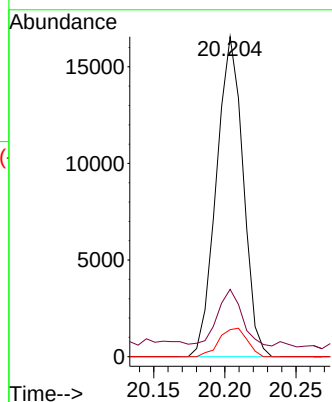
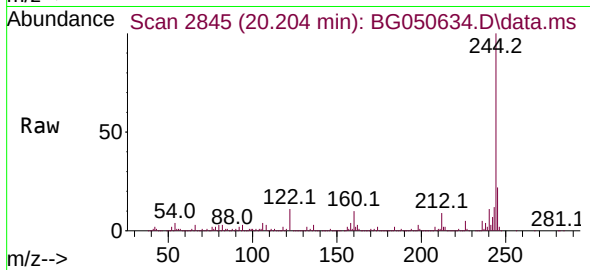
Instrument :

BNA_G

ClientSampleId :

515-Z

Tgt Ion:184	Resp:	21664
Ion Ratio	Lower	Upper
184	100	
185	21.0	10.7 16.1#
183	8.5	9.4 14.0#



#79

Terphenyl-d14

Concen: 90.614 ng

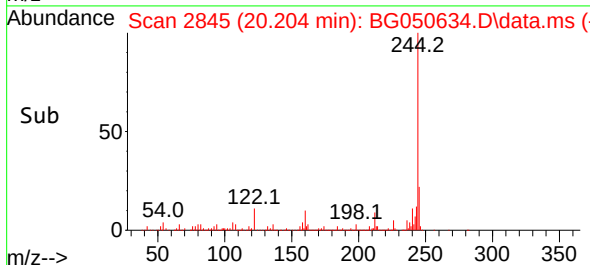
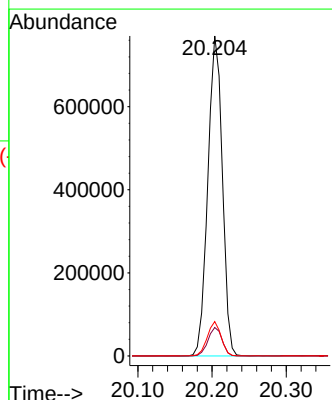
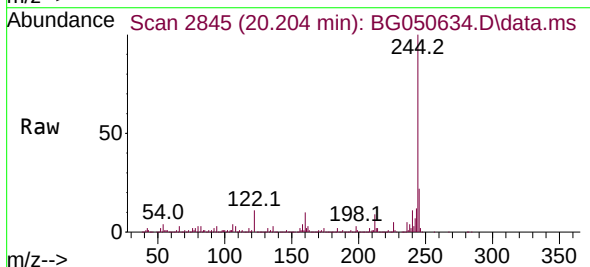
RT: 20.204 min Scan# 2845

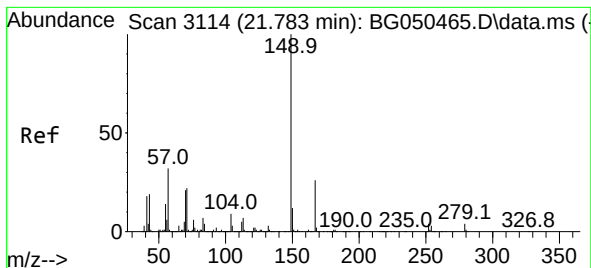
Delta R.T. -0.005 min

Lab File: BG050634.D

Acq: 19 Oct 2021 14:24

Tgt Ion:244	Resp:	1045759
Ion Ratio	Lower	Upper
244	100	
212	8.9	6.9 10.3
122	10.8	5.0 7.6#

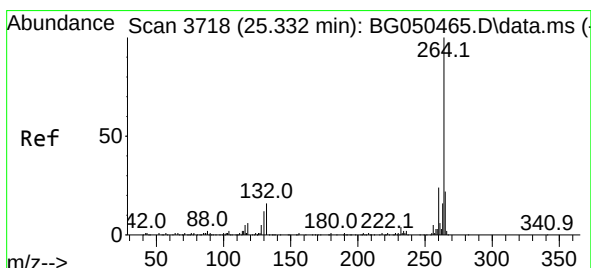
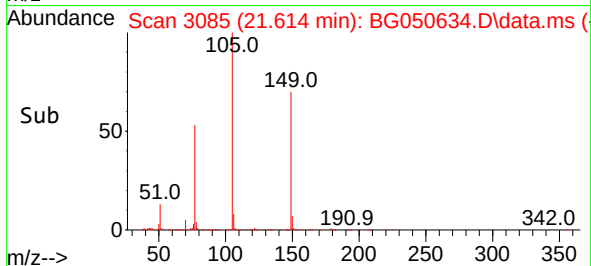
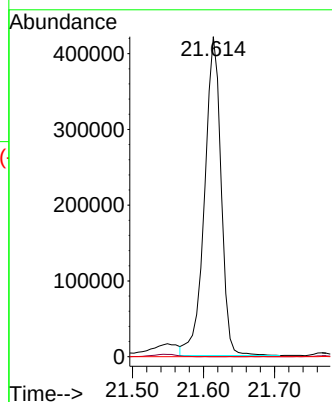
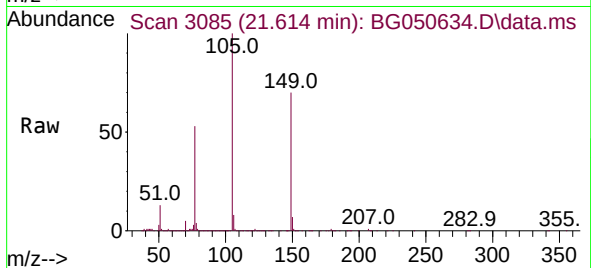




#84
Bis(2-ethylhexyl)phthalate
Concen: 70.976 ng
RT: 21.614 min Scan# 3085
Delta R.T. -0.164 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Instrument :
BNA_G
ClientSampleId :
515-Z

Tgt Ion:149 Resp: 680686
Ion Ratio Lower Upper
149 100
167 0.0 22.3 33.5#
279 0.0 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050634.D
Acq: 19 Oct 2021 14:24

Tgt Ion:264 Resp: 147440
Ion Ratio Lower Upper
264 100
260 26.5 19.4 29.2
265 20.2 16.9 25.3

