

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050643.D
 Acq On : 20 Oct 2021 13:18
 Operator : CG/JU
 Sample : PB139947BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139947BL

Quant Time: Oct 20 13:54:56 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)

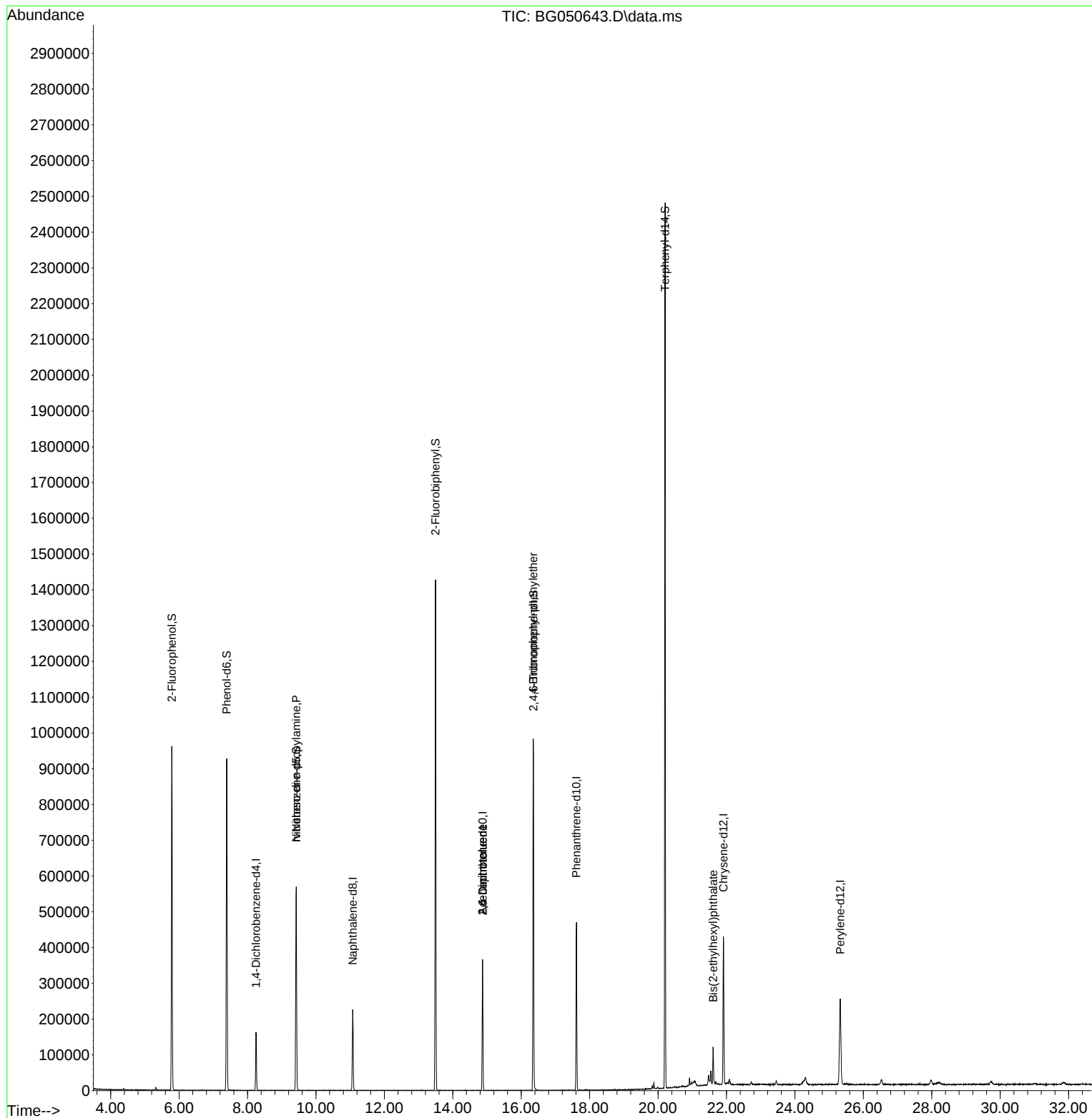
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	42417	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	184646	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	124102	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	281292	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	249860	20.000	ng	#-0.01
86) Perylene-d12	25.323	264	236535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	392947	138.545	ng	0.00
7) Phenol-d6	7.391	99	522735	127.298	ng	0.00
23) Nitrobenzene-d5	9.424	82	370917	83.156	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	145469	122.892	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	685919	83.184	ng	0.00
79) Terphenyl-d14	20.206	244	1095019	85.408	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.397	77	1200	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.424	70	51689	17.270	ng	# 68
51) 2,6-Dinitrotoluene	14.871	165	16319	8.686	ng	# 12
57) 2,4-Dinitrotoluene	14.871	165	16319	6.162	ng	# 17
67) 4-Bromophenyl-phenylether	16.352	248	11350	4.004	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.610	149	45692	4.289	ng	# 53

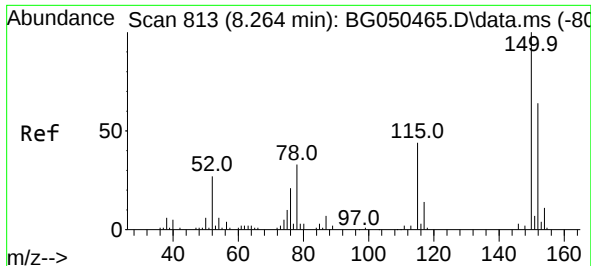
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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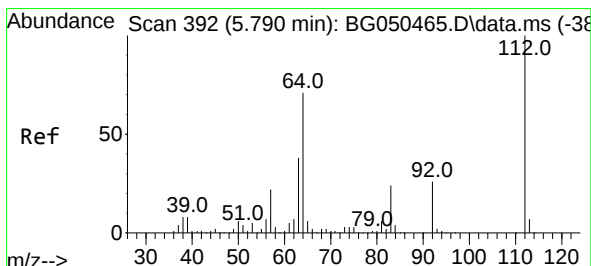
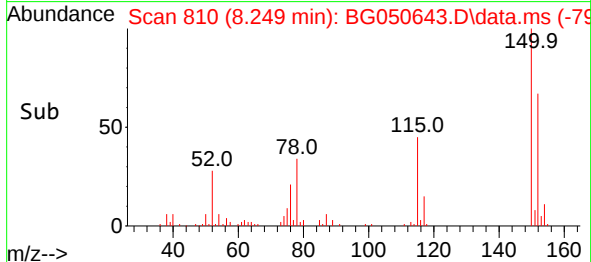
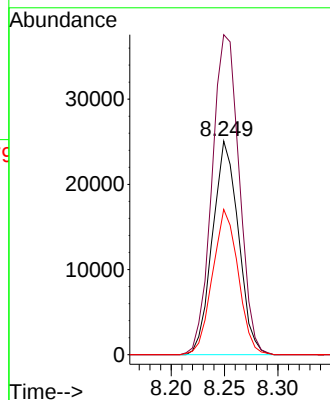
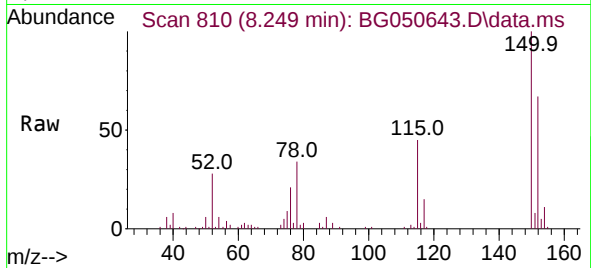




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

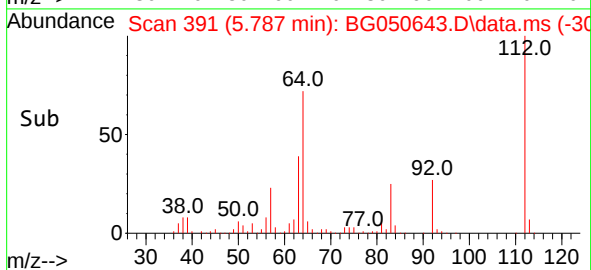
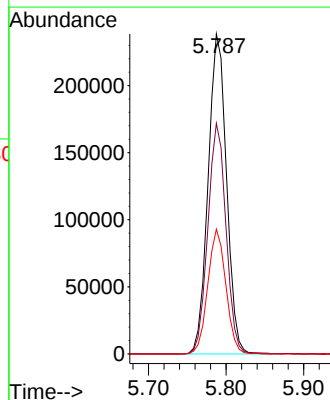
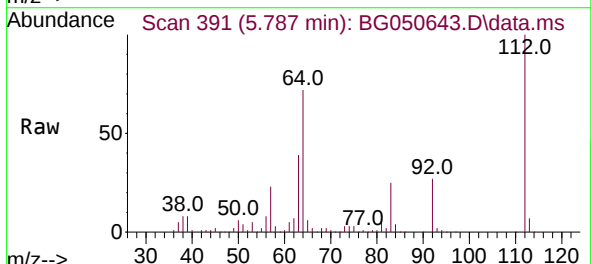
Instrument :
BNA_G
ClientSampleId :
PB139947BL

Tgt Ion:152 Resp: 42417
Ion Ratio Lower Upper
152 100
150 149.8 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 138.545 ng
RT: 5.787 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:112 Resp: 392947
Ion Ratio Lower Upper
112 100
64 72.1 46.7 70.1#
63 39.0 35.3 52.9

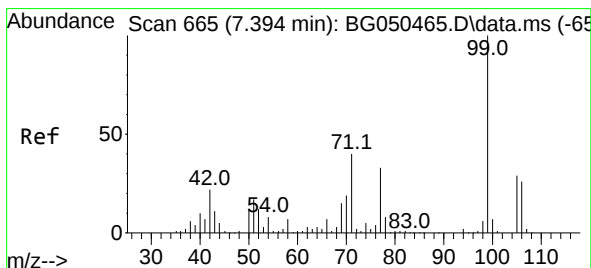
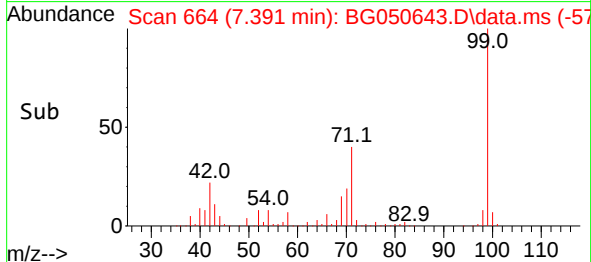
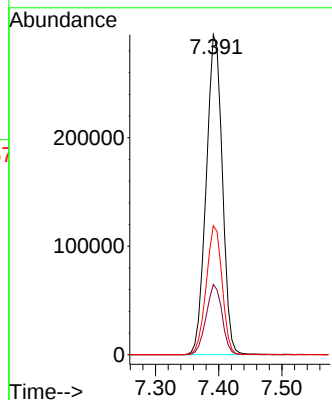
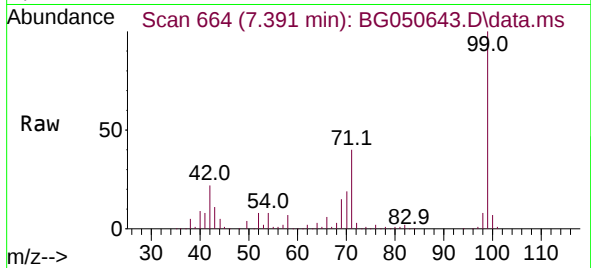




#7
Phenol-d6
Concen: 127.298 ng
RT: 7.391 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

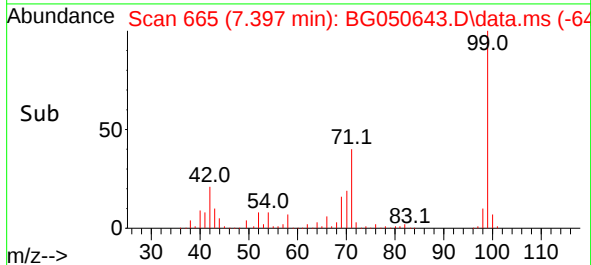
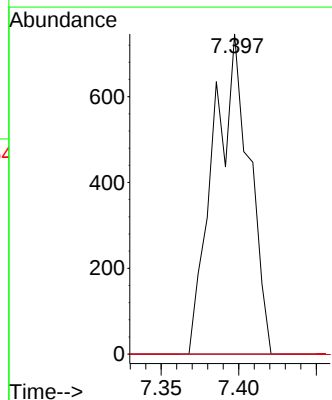
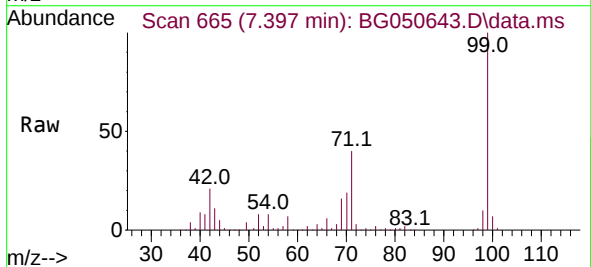
Instrument :
BNA_G
ClientSampleId :
PB139947BL

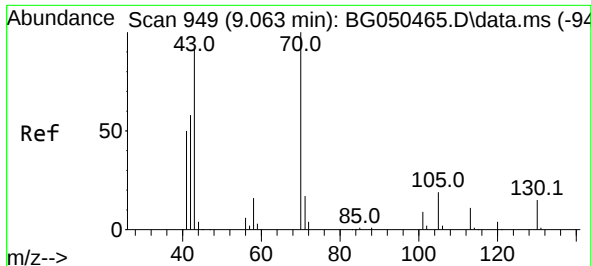
Tgt Ion: 99 Resp: 522735
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.009 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

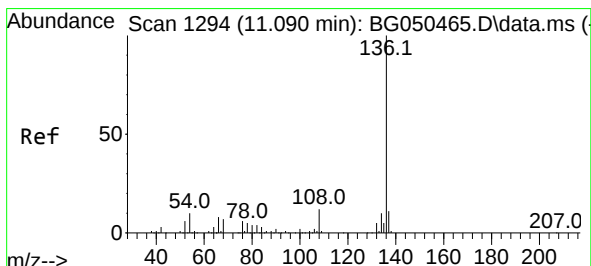
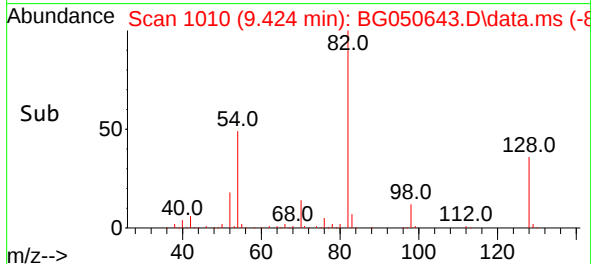
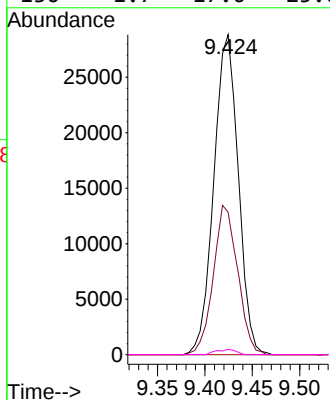
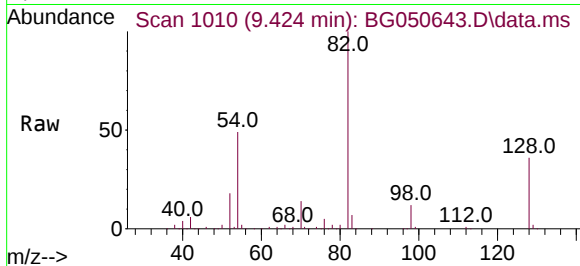




#19
n-Nitroso-di-n-propylamine
Concen: 17.270 ng
RT: 9.424 min Scan# 1010
Delta R.T. 0.367 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

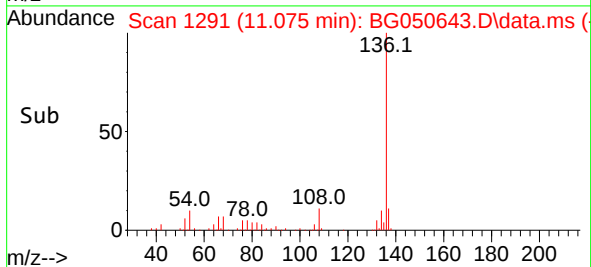
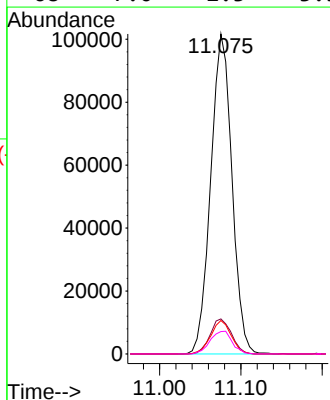
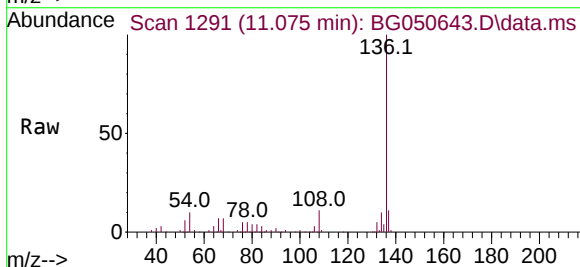
Instrument :
BNA_G
ClientSampleId :
PB139947BL

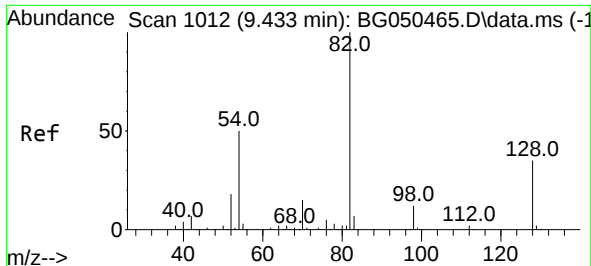
Tgt Ion:	70	Resp:	51689
Ion	Ratio	Lower	Upper
70	100		
42	44.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:	136	Resp:	184646
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	10.5	5.5	8.3#
68	7.0	2.3	3.5#

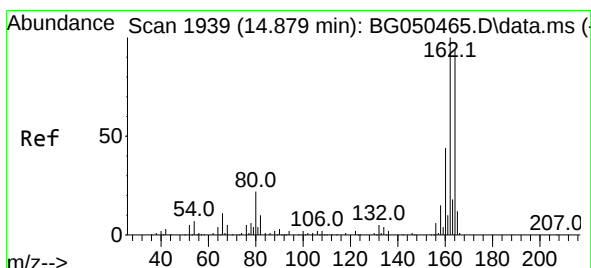
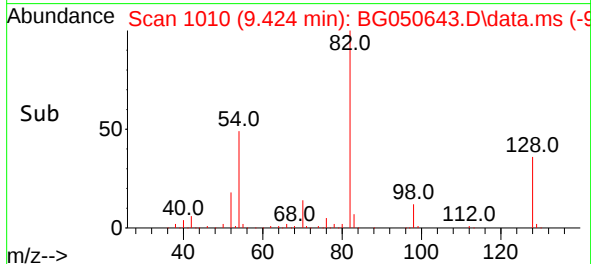
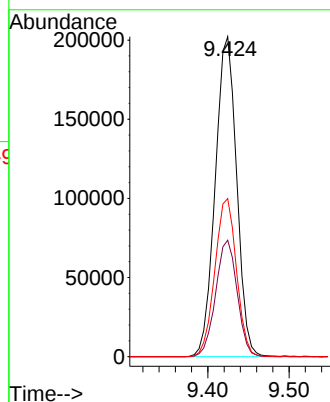
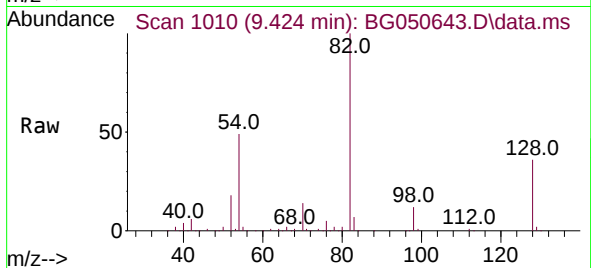




#23
Nitrobenzene-d5
Concen: 83.156 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

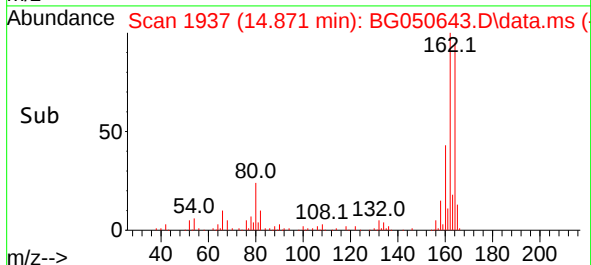
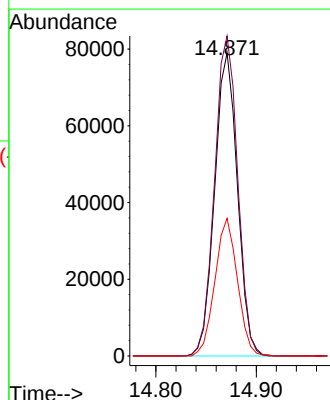
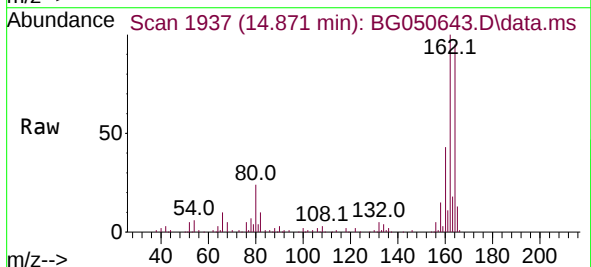
Instrument :
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ClientSampleId :
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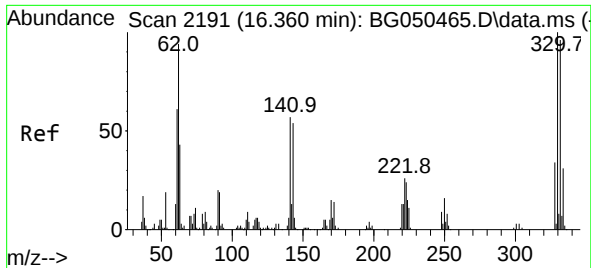
Tgt Ion: 82 Resp: 370917
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 49.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:164 Resp: 124102
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 45.4 34.9 52.3

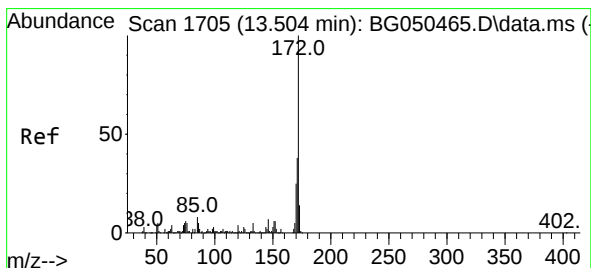
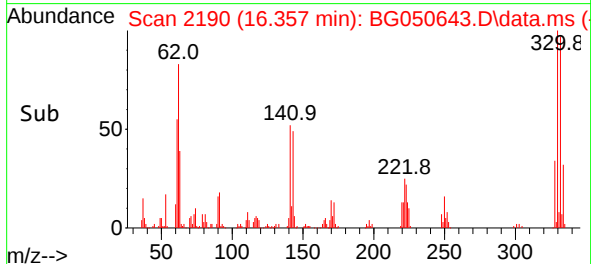
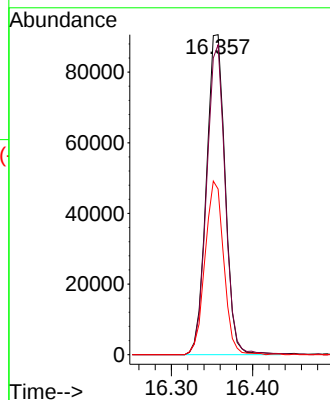
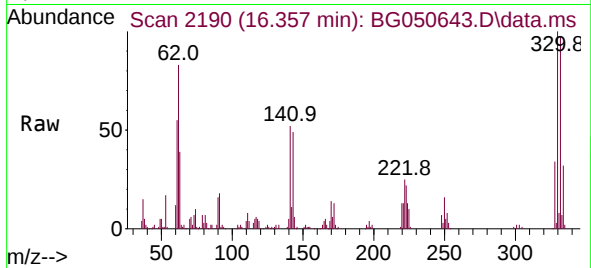




#42
2,4,6-Tribromophenol
Concen: 122.892 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

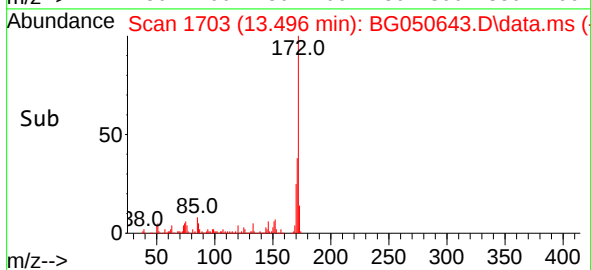
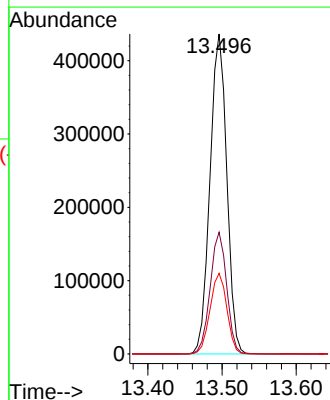
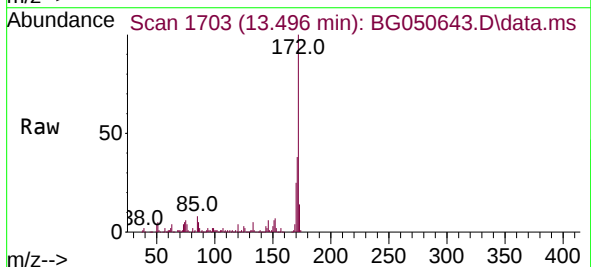
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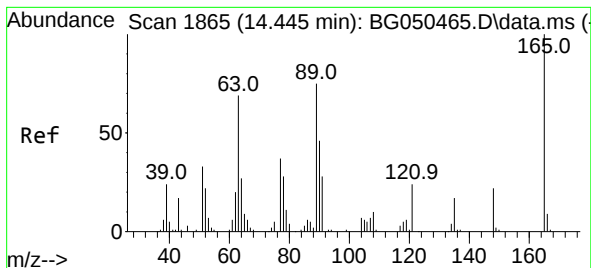
Tgt Ion:330 Resp: 145469
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 54.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 83.184 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:172 Resp: 685919
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 25.2 18.6 27.8

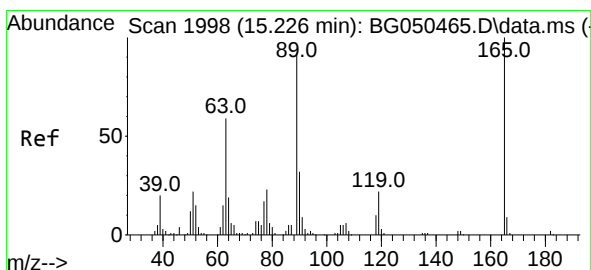
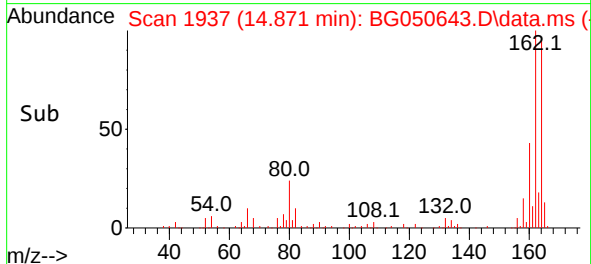
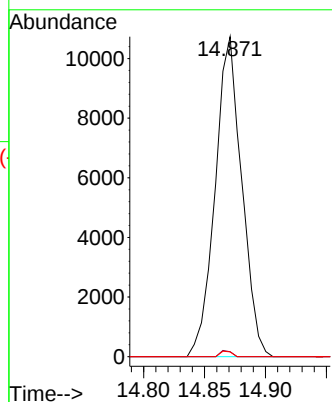
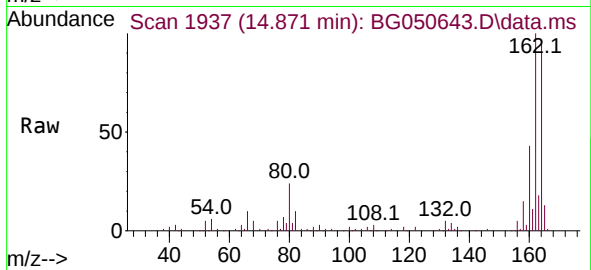




#51
2,6-Dinitrotoluene
Concen: 8.686 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

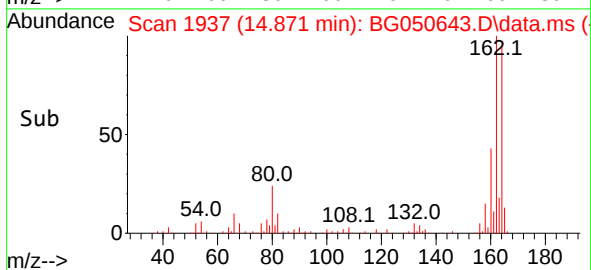
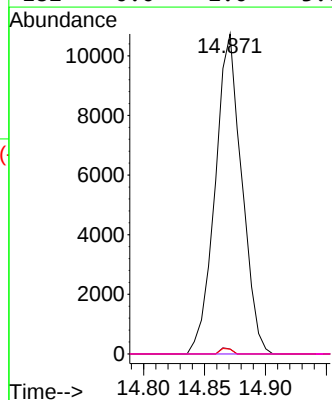
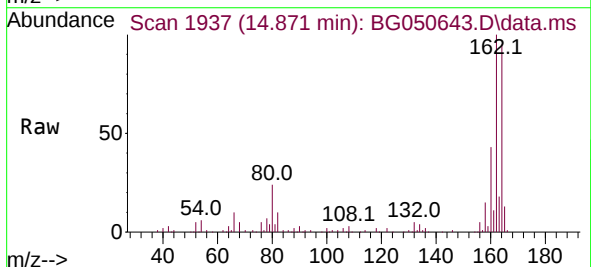
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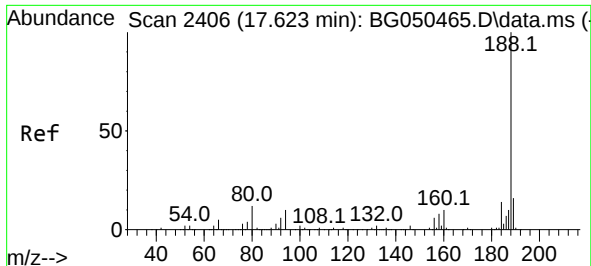
Tgt Ion:165 Resp: 16319
Ion Ratio Lower Upper
165 100
63 1.5 63.3 94.9#
89 1.5 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:165 Resp: 16319
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 1.5 65.4 98.0#
182 0.0 2.0 3.0#

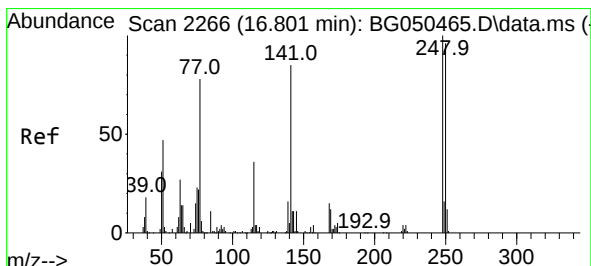
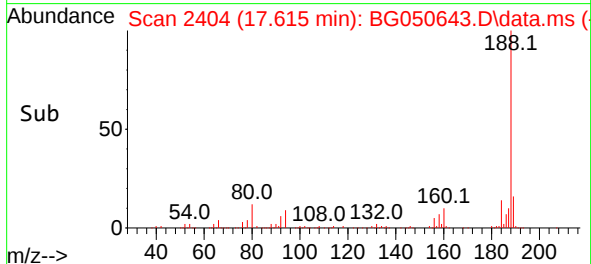
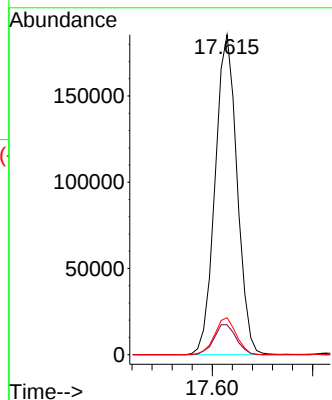
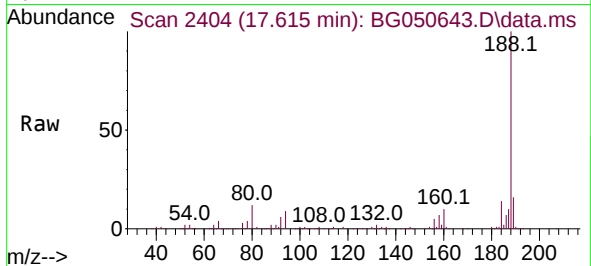




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

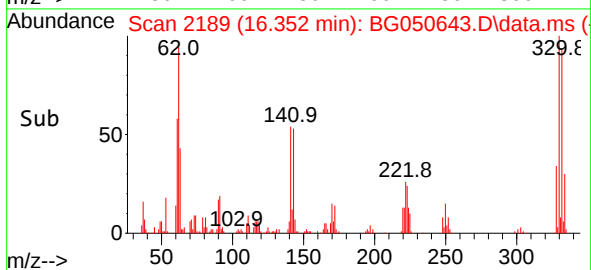
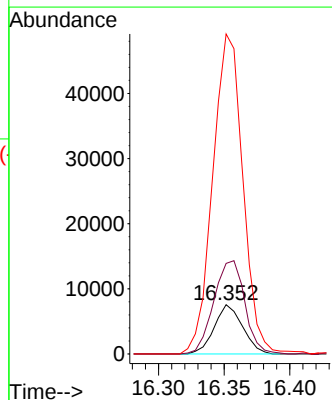
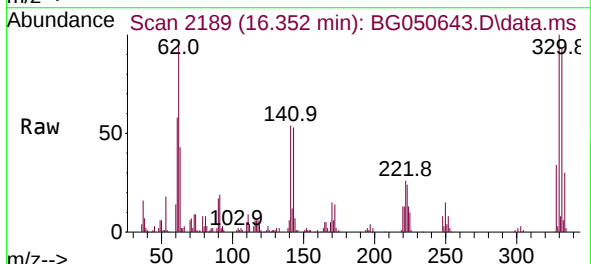
Instrument :
BNA_G
ClientSampleId :
PB139947BL

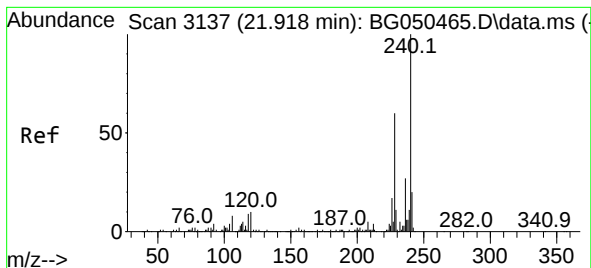
Tgt Ion:188 Resp: 281292
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.004 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.450 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:248 Resp: 11350
Ion Ratio Lower Upper
248 100
250 184.0 76.1 114.1#
141 649.5 65.4 98.2#

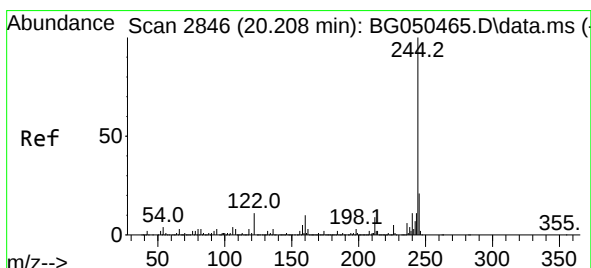
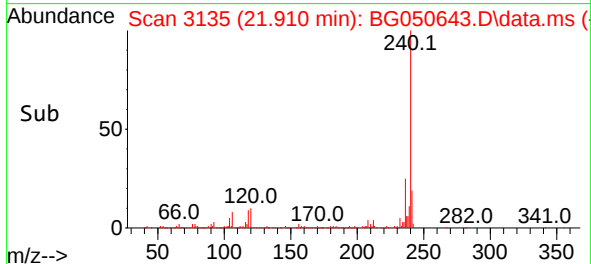
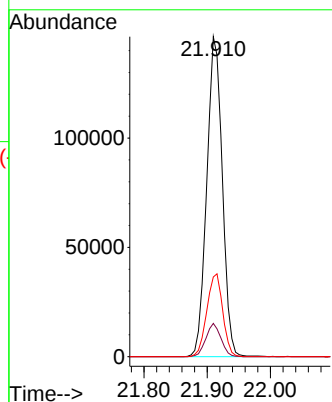
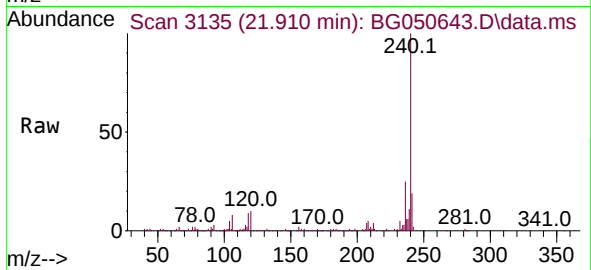




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

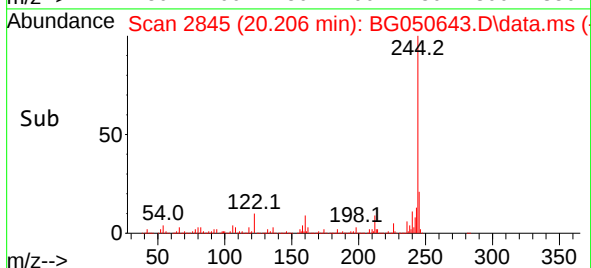
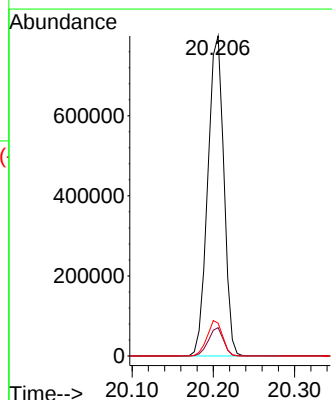
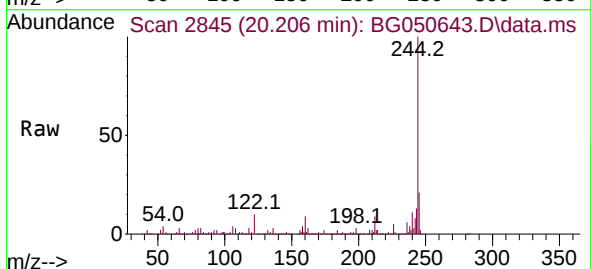
Instrument :
BNA_G
ClientSampleId :
PB139947BL

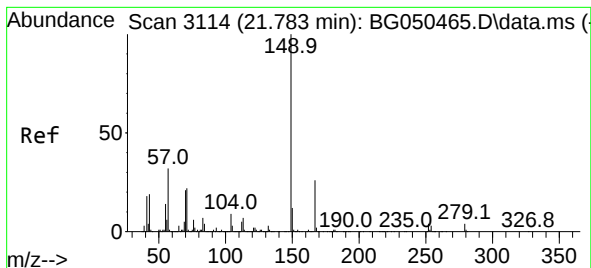
Tgt Ion:240 Resp: 249860
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 24.9 21.8 32.6



#79
Terphenyl-d14
Concen: 85.408 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050643.D
Acq: 20 Oct 2021 13:18

Tgt Ion:244 Resp: 1095019
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.3 5.0 7.6#

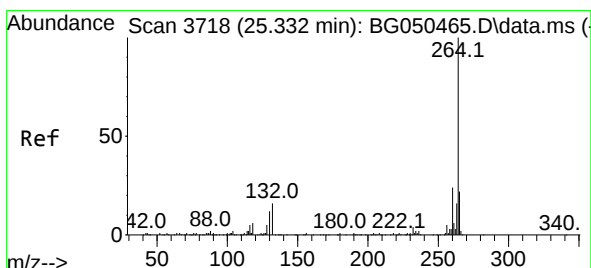
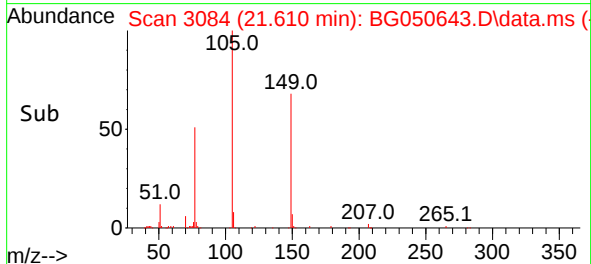
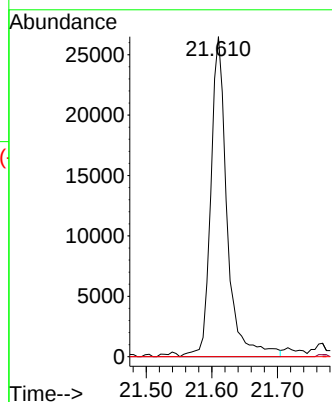
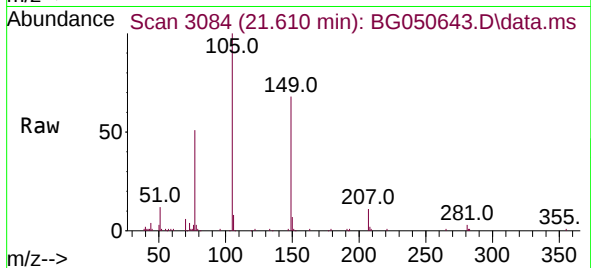




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.289 ng
 RT: 21.610 min Scan# 3084
 Delta R.T. -0.168 min
 Lab File: BG050643.D
 Acq: 20 Oct 2021 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB139947BL

Tgt Ion:149 Resp: 45692
 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: 25.323 min Scan# 3716
 Delta R.T. -0.009 min
 Lab File: BG050643.D
 Acq: 20 Oct 2021 13:18

Tgt Ion:264 Resp: 236535
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 20.6 16.9 25.3

