

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047957.D
 Acq On : 21 Jan 2021 17:17
 Operator : CG/JU
 Sample : PB134235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134235BL

Quant Time: Jan 21 17:52:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

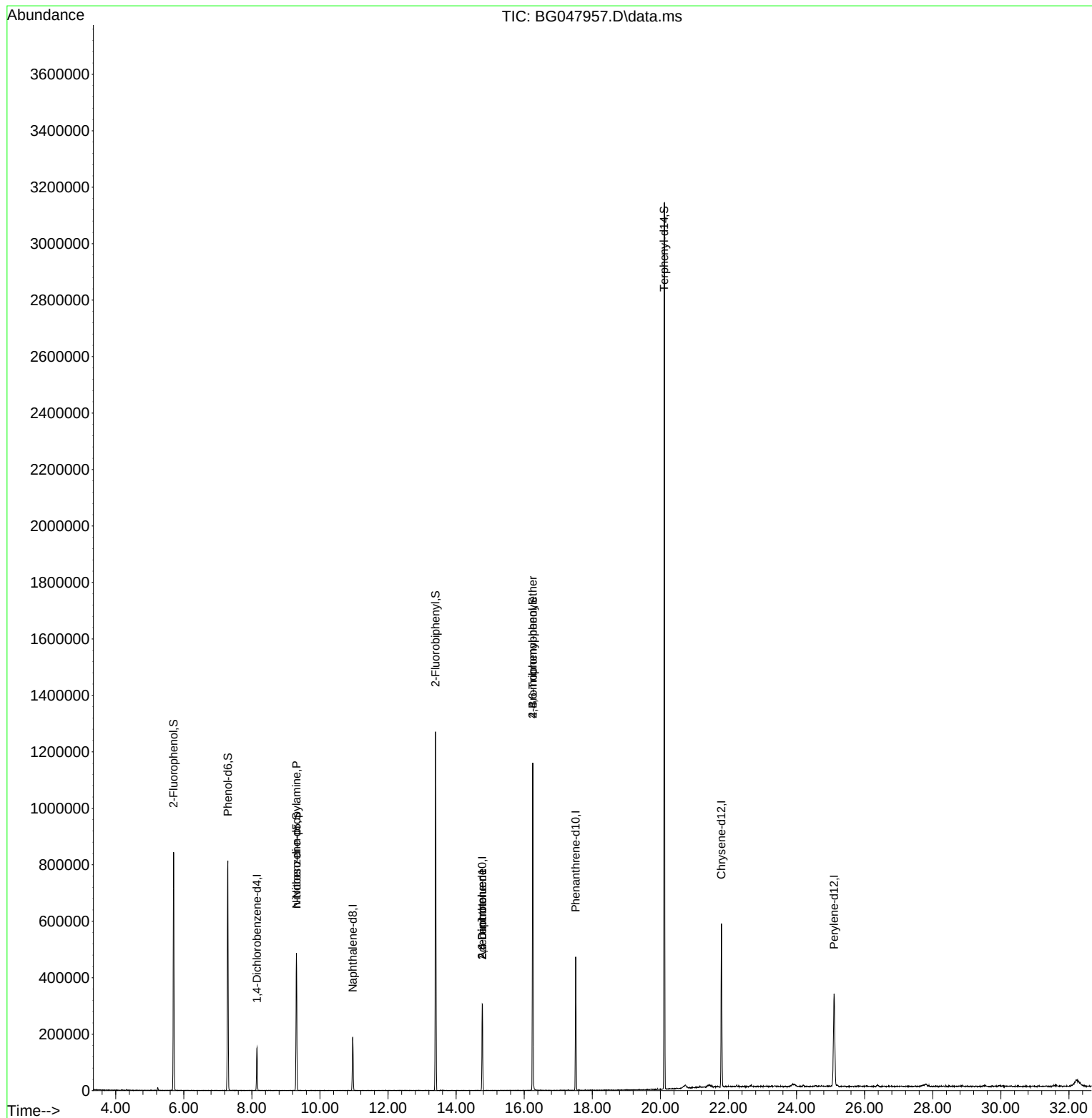
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	40364	20.00	ng	0.00
21) Naphthalene-d8	10.965	136	152323	20.00	ng	# 0.00
39) Acenaphthene-d10	14.766	164	111331	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	302257	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	378548	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	374319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	318523	128.70	ng	0.00
7) Phenol-d6	7.292	99	429126	114.86	ng	0.00
23) Nitrobenzene-d5	9.308	82	285819	82.51	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	221617	124.39	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	653479	78.39	ng	0.00
79) Terphenyl-d14	20.113	244	1404479	68.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.520	88	59	Below Cal	#	1
9) Benzaldehyde	7.292	77	850	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.308	70	40885	15.46	ng	# 78
51) 2,6-Dinitrotoluene	14.766	165	14666	7.87	ng	# 36
57) 2,4-Dinitrotoluene	14.766	165	14666	5.61	ng	# 34
67) 4-Bromophenyl-phenylether	16.252	248	15440	3.85	ng	# 1

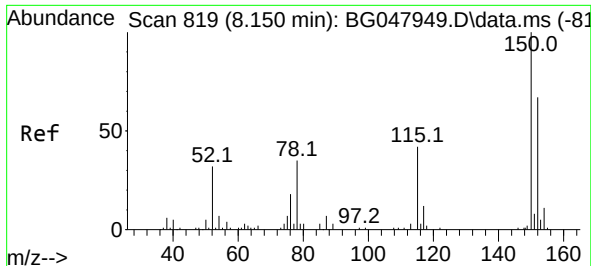
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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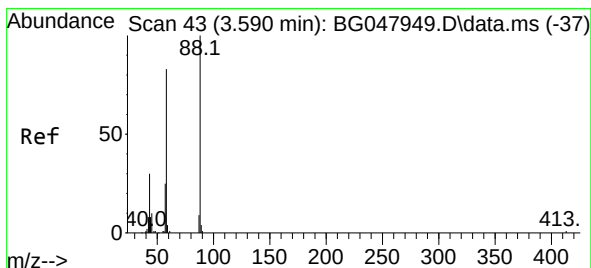
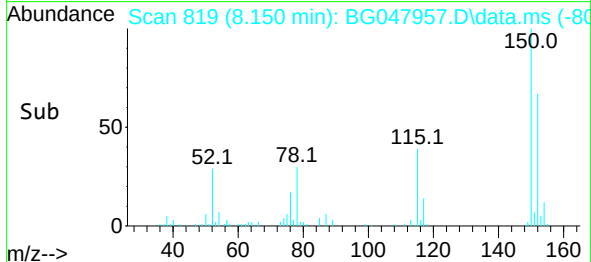
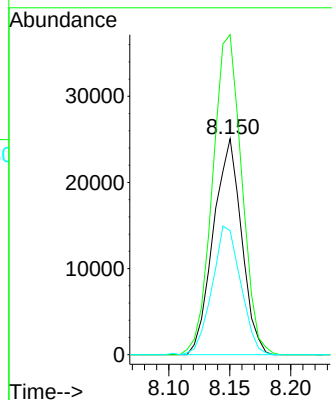
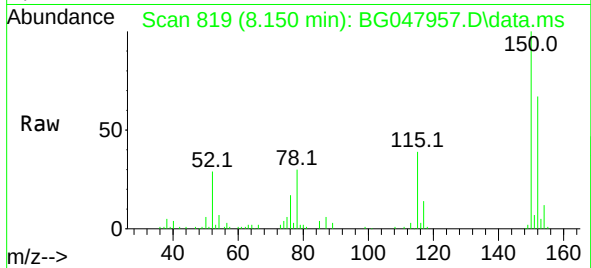




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.150 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

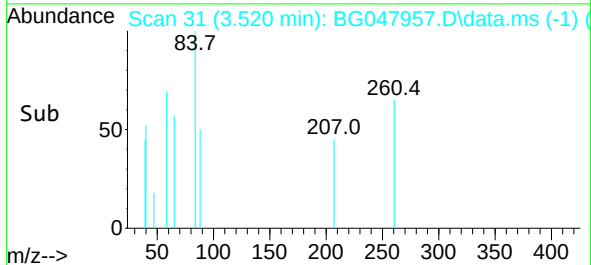
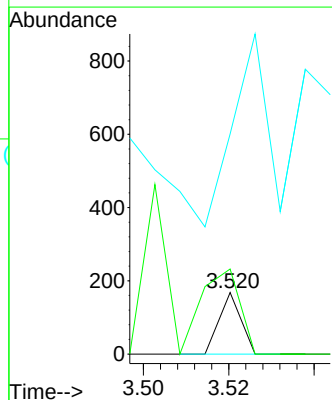
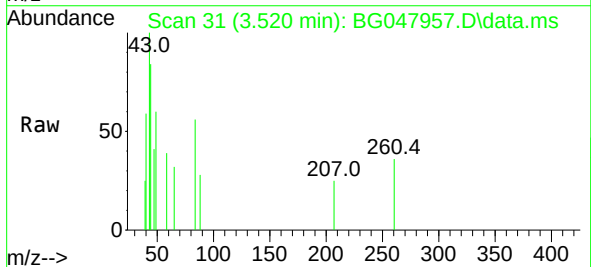
Instrument :
BNA_G
ClientSampleId :
PB134235BL

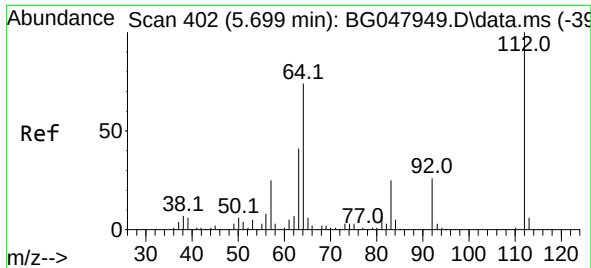
Tgt Ion:152 Resp: 40364
Ion Ratio Lower Upper
152 100
150 148.2 125.0 187.6
115 57.4 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.520 min Scan# 31
Delta R.T. -0.070 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 491.5 21.3 31.9#

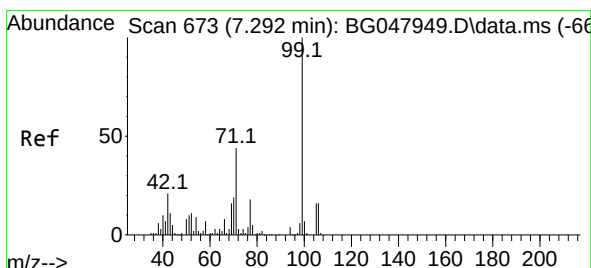
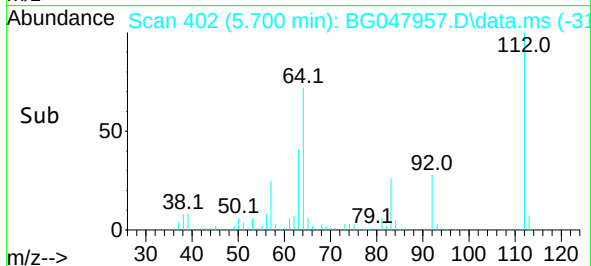
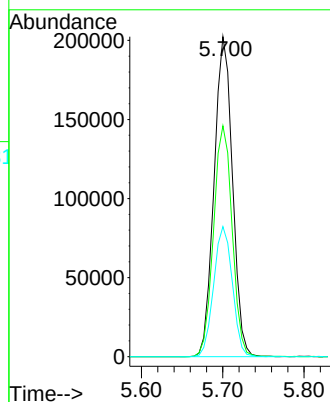
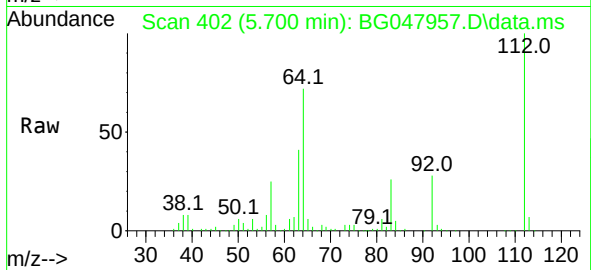




#5
2-Fluorophenol
Concen: 128.70 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

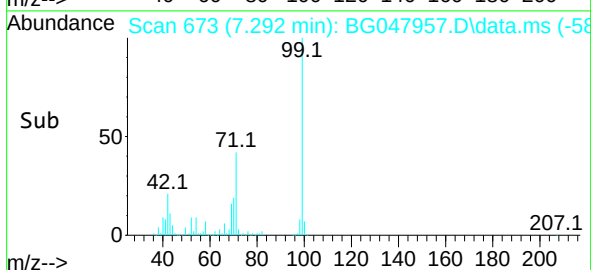
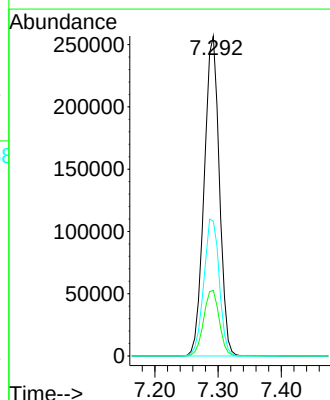
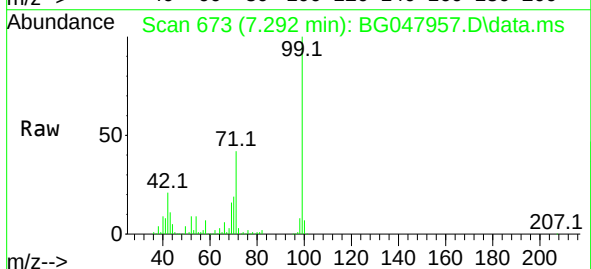
Instrument :
BNA_G
ClientSampleId :
PB134235BL

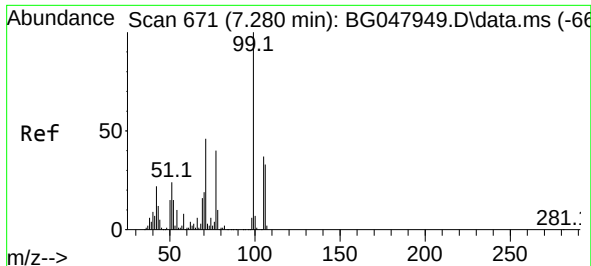
Tgt Ion:112 Resp: 318523
Ion Ratio Lower Upper
112 100
64 72.2 46.7 70.1#
63 40.6 22.8 34.2#



#7
Phenol-d6
Concen: 114.86 ng
RT: 7.292 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion: 99 Resp: 429126
Ion Ratio Lower Upper
99 100
42 20.5 12.8 19.2#
71 42.1 24.6 36.8#

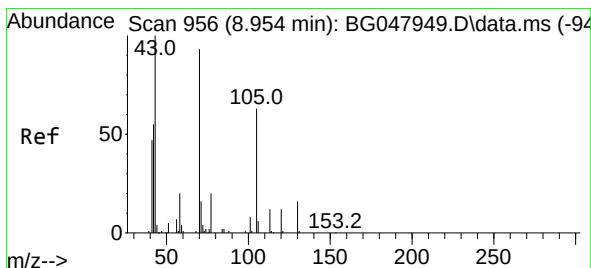
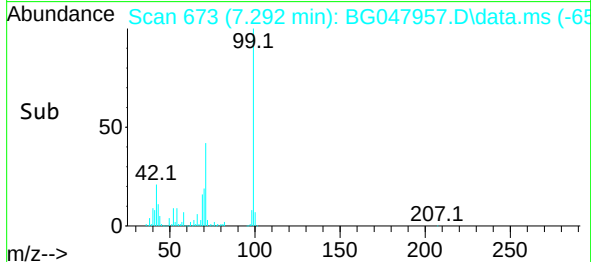
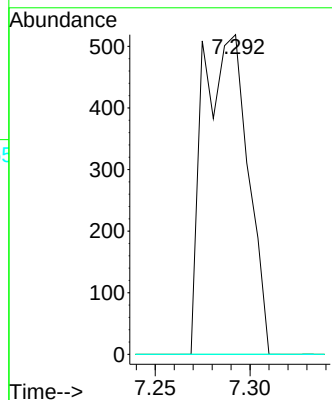
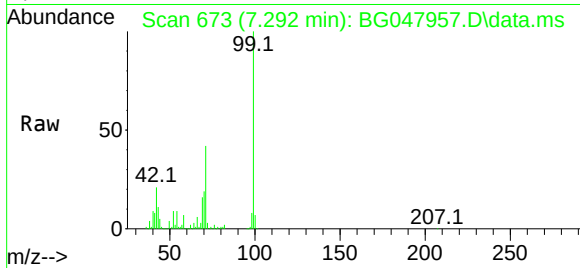




#9
Benzaldehyde
Concen: Below Cal
RT: 7.292 min Scan# 673
Delta R.T. 0.012 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

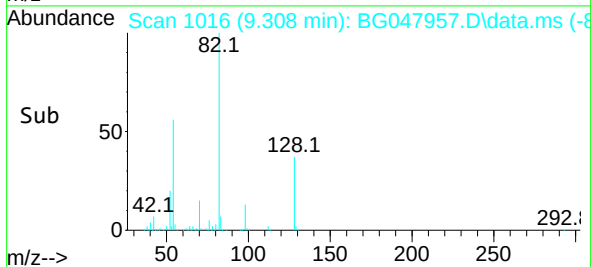
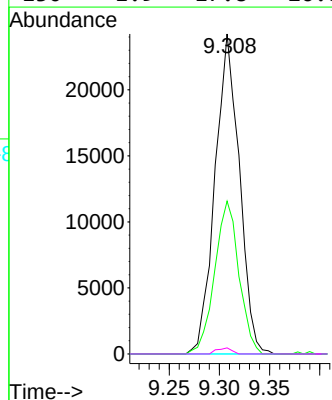
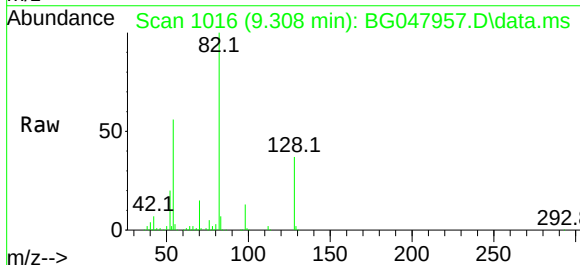
Instrument :
BNA_G
ClientSampleId :
PB134235BL

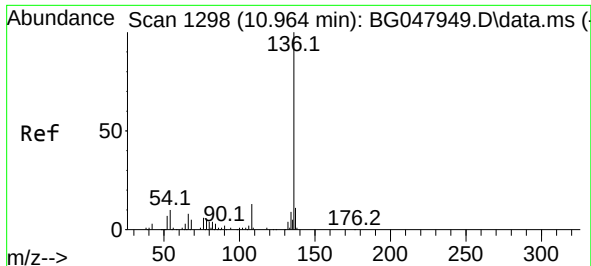
Tgt Ion: 77 Resp: 850
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 15.46 ng
RT: 9.308 min Scan# 1016
Delta R.T. 0.353 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion: 70 Resp: 40885
Ion Ratio Lower Upper
70 100
42 47.7 45.6 68.4
101 0.0 8.4 12.6#
130 1.9 17.8 26.8#

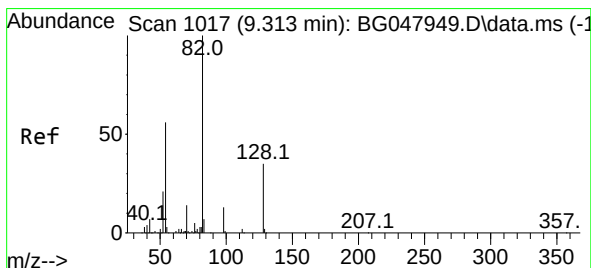
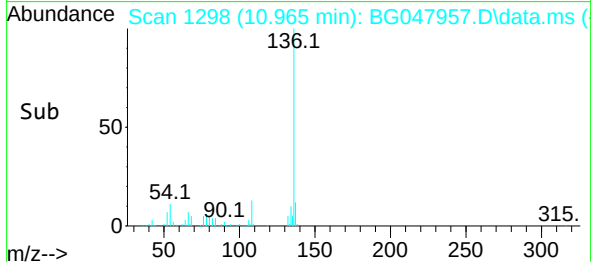
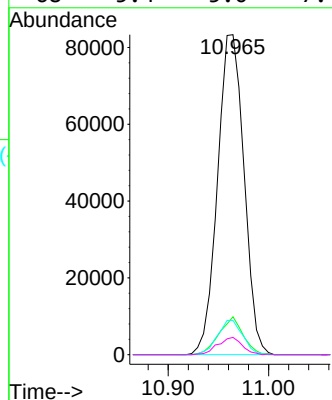
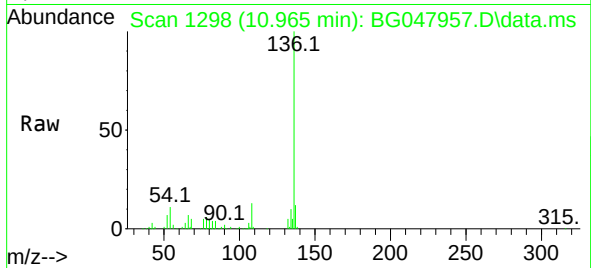




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.965 min Scan# 1298
Delta R.T. 0.001 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

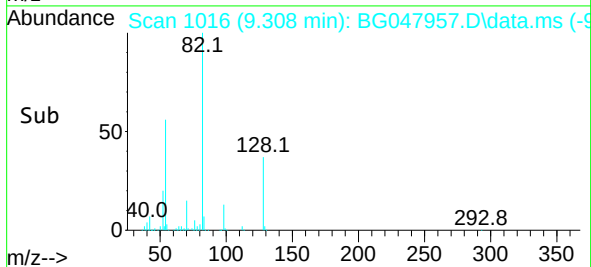
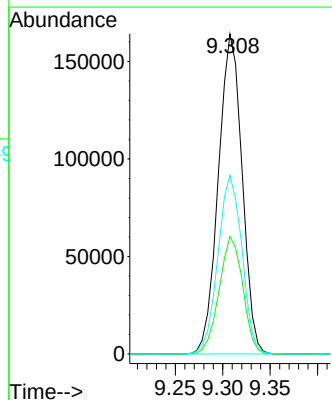
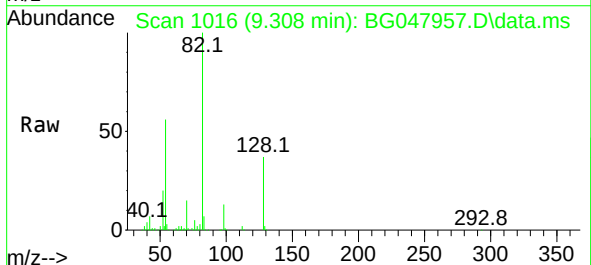
Instrument :
BNA_G
ClientSampleId :
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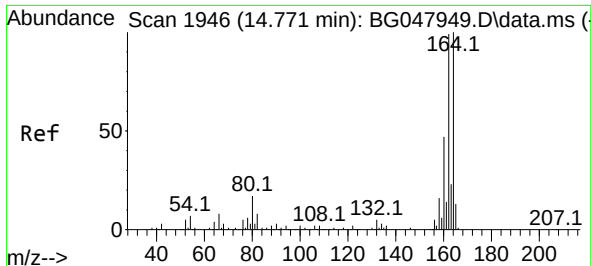
Tgt Ion:	136	Resp:	152323
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	10.7	6.2	9.4#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion:	82	Resp:	285819
Ion Ratio	Lower	Upper	
82	100		
128	36.7	37.0	55.6#
54	55.8	39.0	58.4

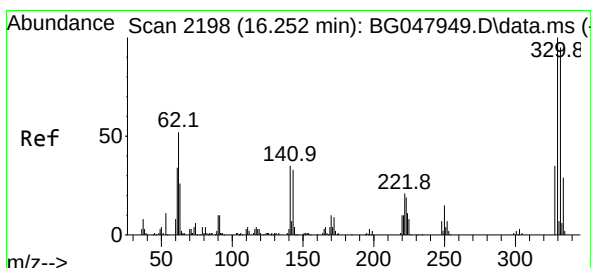
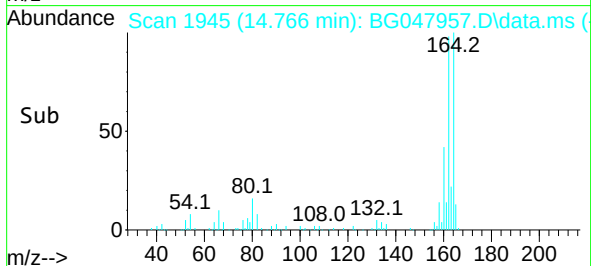
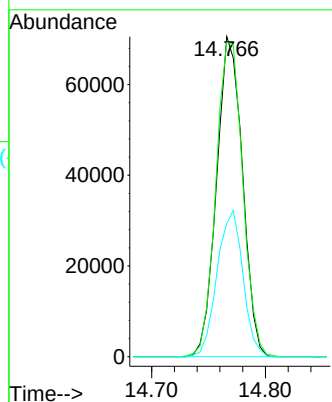
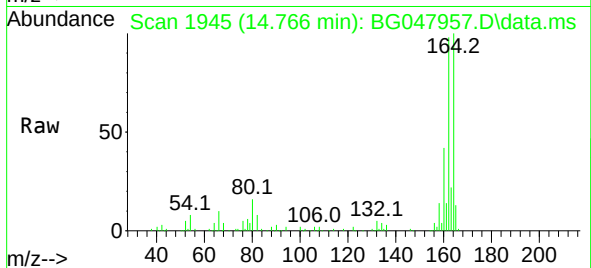




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

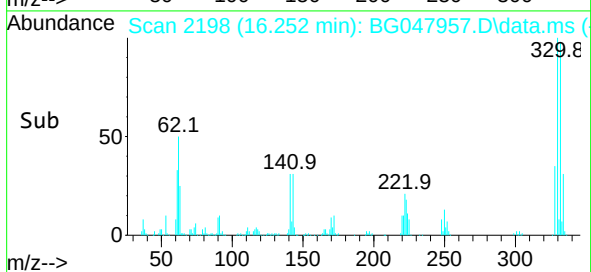
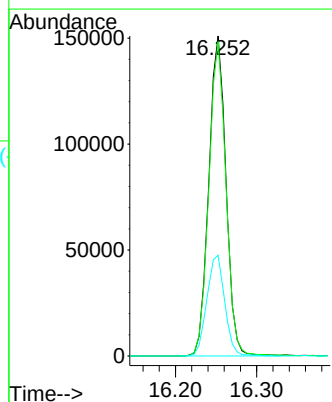
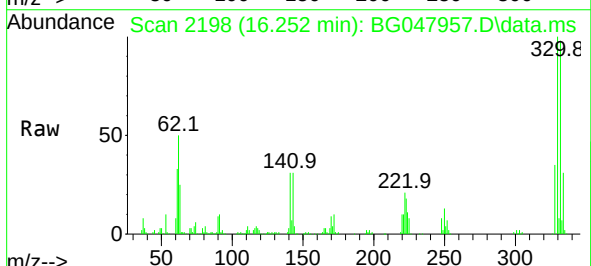
Instrument :
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ClientSampleId :
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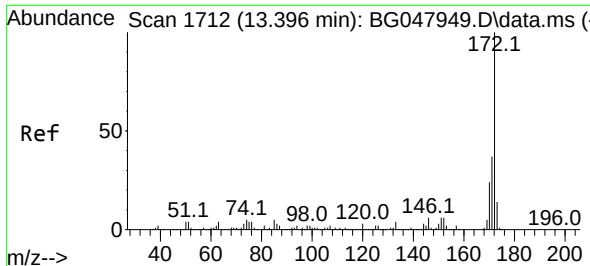
Tgt Ion:164 Resp: 111331
Ion Ratio Lower Upper
164 100
162 98.3 82.3 123.5
160 41.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.39 ng
RT: 16.252 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion:330 Resp: 221617
Ion Ratio Lower Upper
330 100
332 97.7 76.5 114.7
141 32.7 26.0 39.0

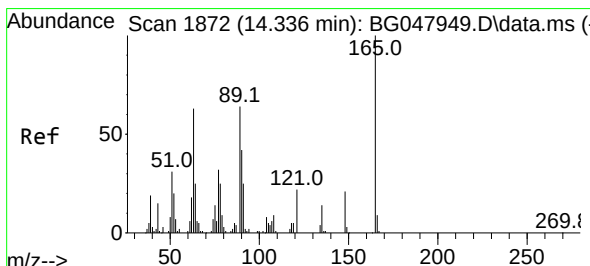
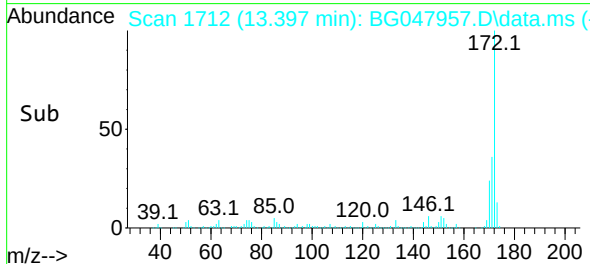
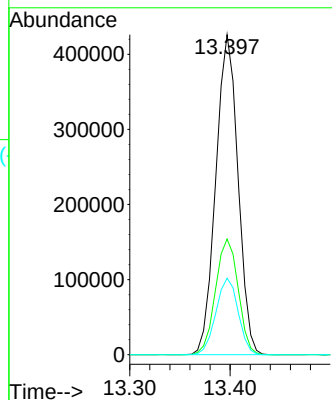
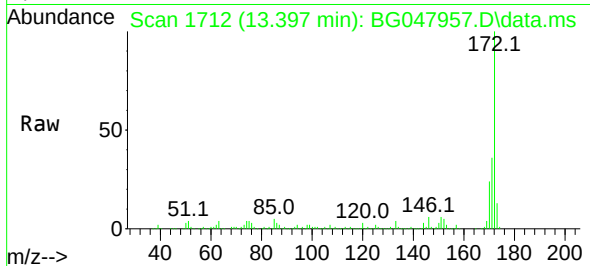




#45
2-Fluorobiphenyl
Concen: 78.39 ng
RT: 13.397 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

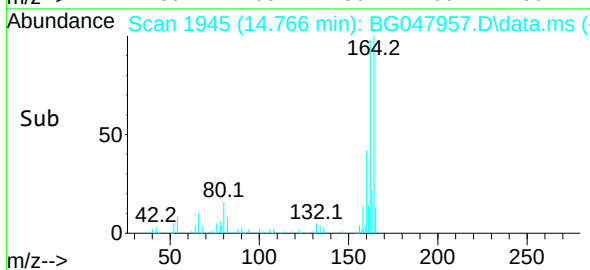
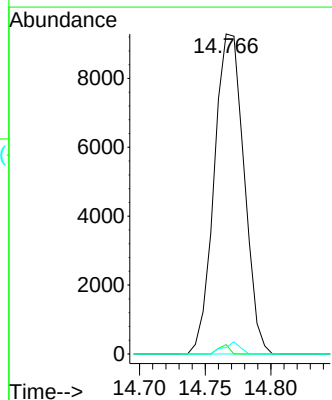
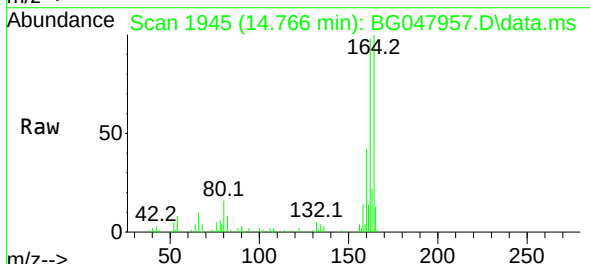
Instrument :
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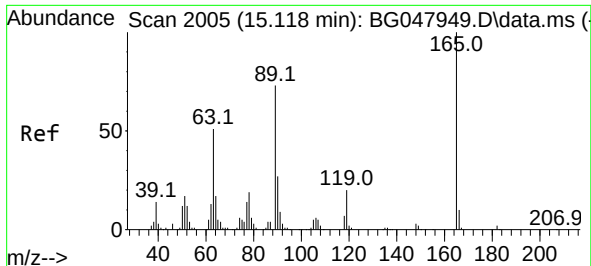
Tgt Ion:172 Resp: 653479
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 23.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.766 min Scan# 1945
Delta R.T. 0.430 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

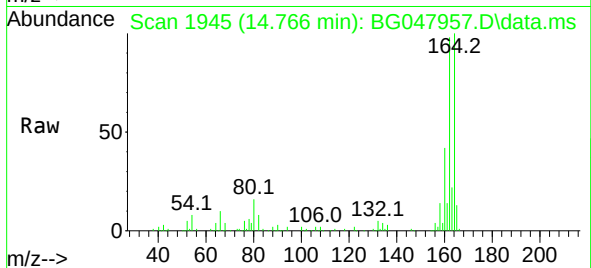
Tgt Ion:165 Resp: 14666
Ion Ratio Lower Upper
165 100
63 2.9 33.7 50.5#
89 2.0 36.6 54.8#



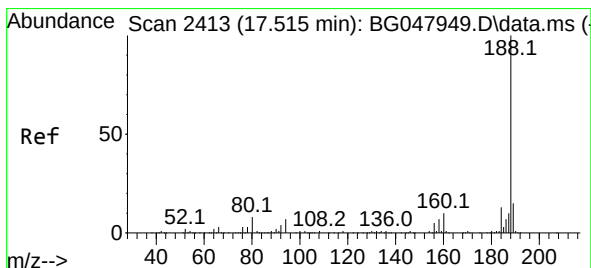
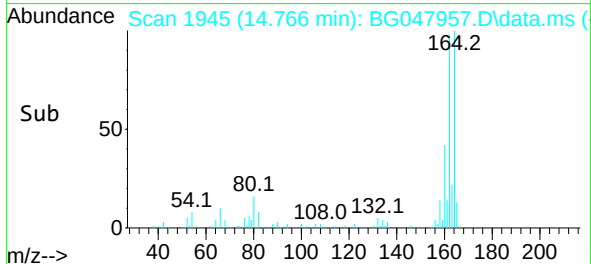
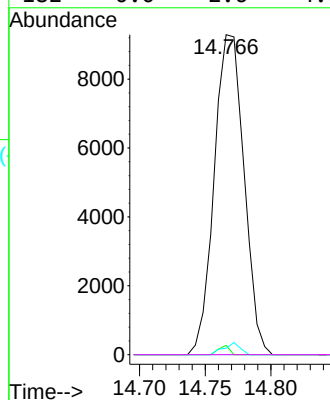


#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.352 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Instrument :
BNA_G
ClientSampleId :
PB134235BL

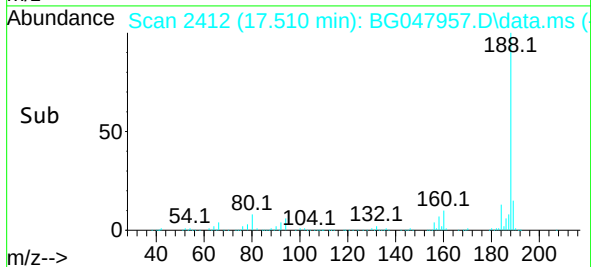
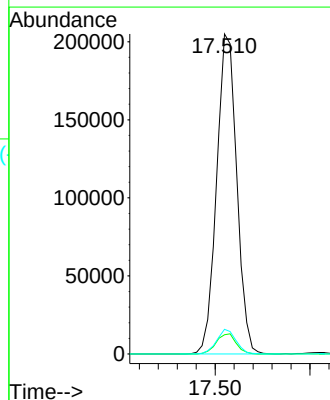
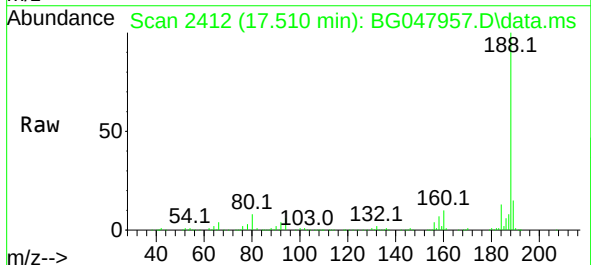


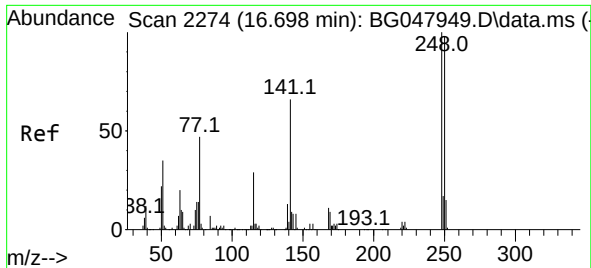
Tgt Ion:165 Resp: 14666
Ion Ratio Lower Upper
165 100
63 2.9 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion:188 Resp: 302257
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.7 7.0 10.6

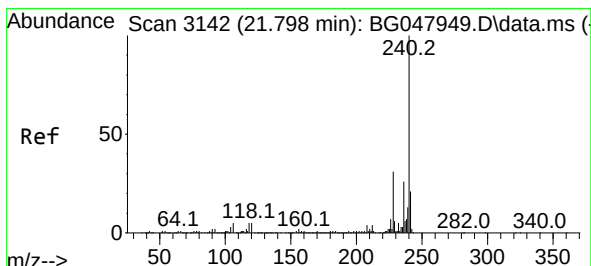
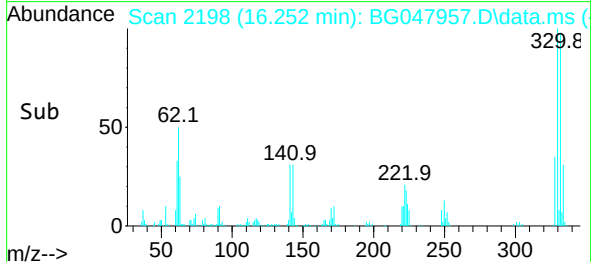
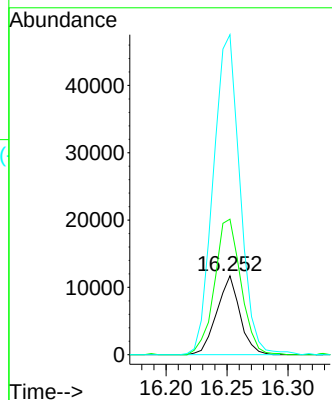
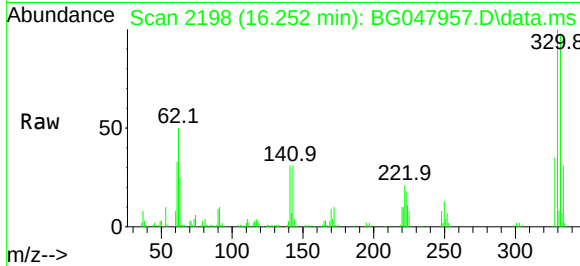




#67
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.446 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

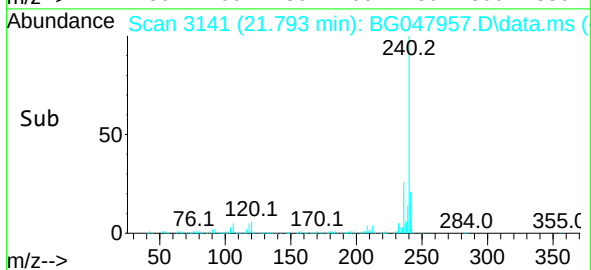
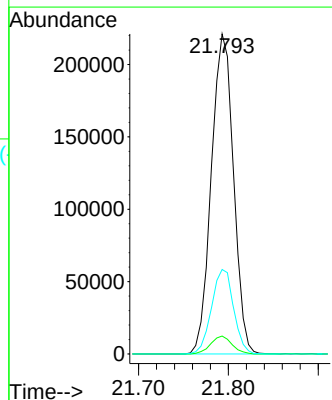
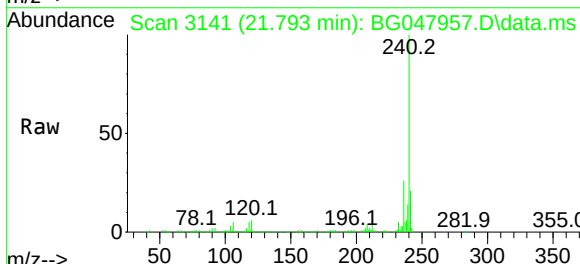
Instrument :
BNA_G
ClientSampleId :
PB134235BL

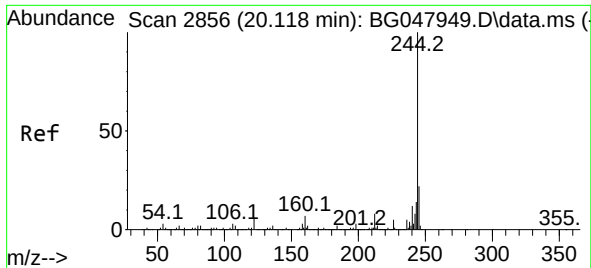
Tgt Ion:248 Resp: 15440
Ion Ratio Lower Upper
248 100
250 171.7 78.9 118.3#
141 405.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG047957.D
Acq: 21 Jan 2021 17:17

Tgt Ion:240 Resp: 378548
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 26.4 20.5 30.7

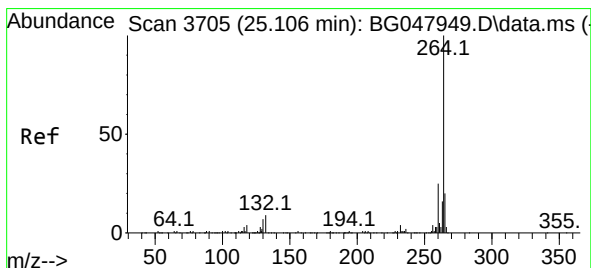
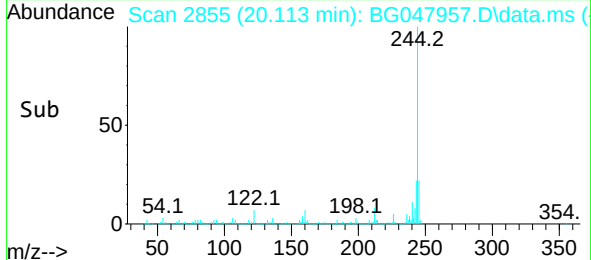
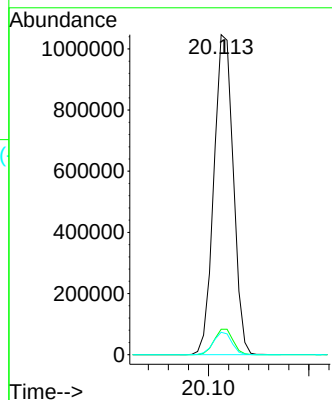
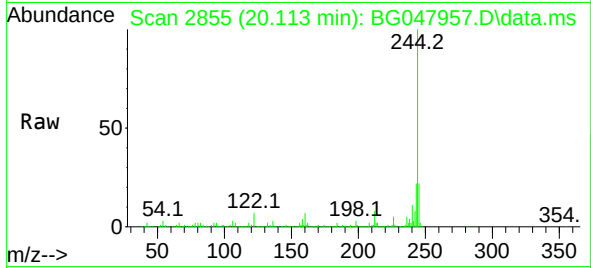




#79
 Terphenyl-d14
 Concen: 68.60 ng
 RT: 20.113 min Scan# 2855
 Delta R.T. -0.005 min
 Lab File: BG047957.D
 Acq: 21 Jan 2021 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB134235BL

Tgt Ion:244 Resp: 1404479
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 7.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.101 min Scan# 3704
 Delta R.T. -0.005 min
 Lab File: BG047957.D
 Acq: 21 Jan 2021 17:17

Tgt Ion:264 Resp: 374319
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 20.6 17.8 26.8

