

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047965.D
 Acq On : 21 Jan 2021 22:45
 Operator : CG/JU
 Sample : M1191-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0047-052-COMP-I

Quant Time: Jan 22 00:11:07 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)

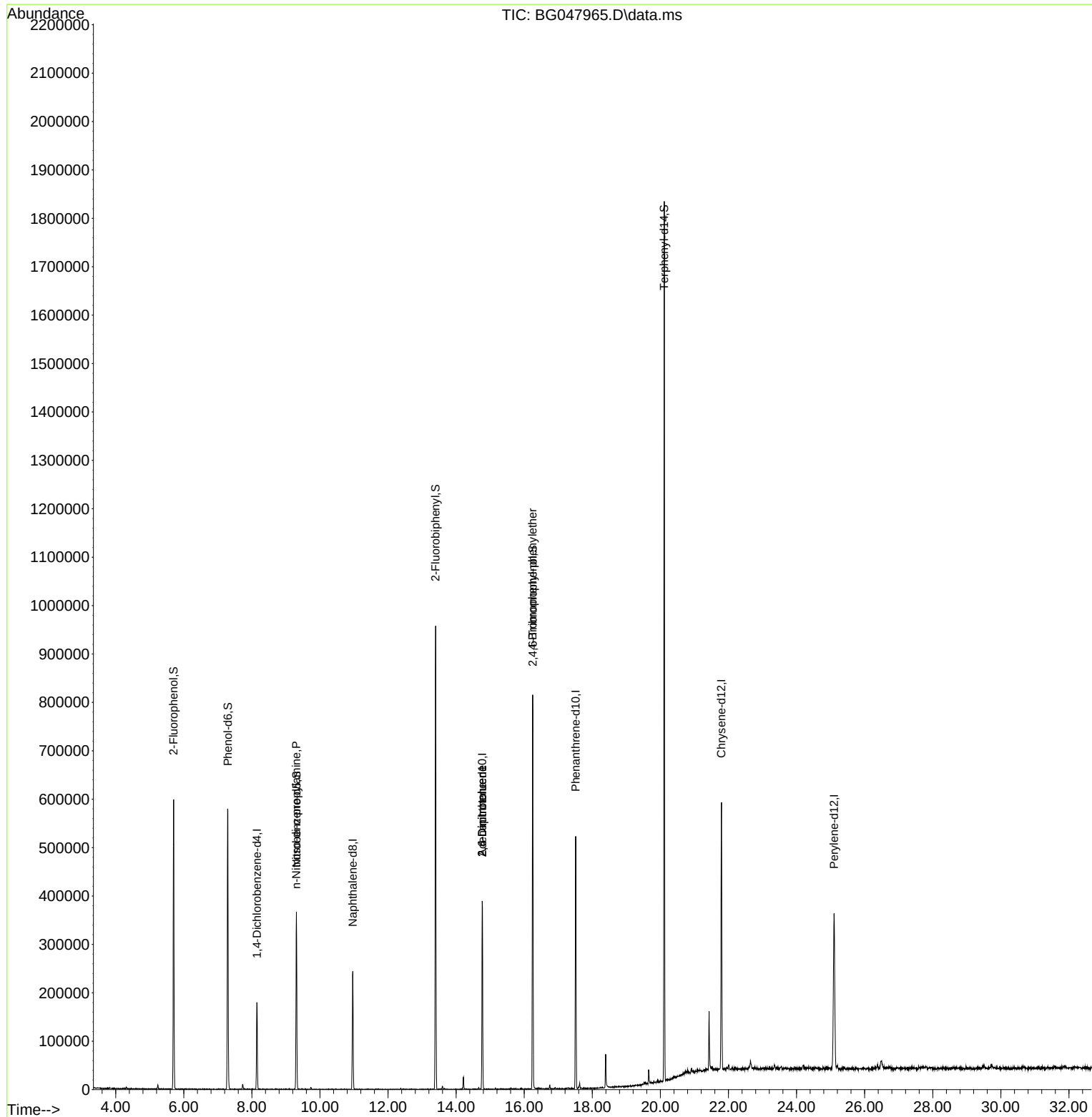
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	49785	20.00	ng	0.00
21) Naphthalene-d8	10.965	136	189016	20.00	ng	0.00
39) Acenaphthene-d10	14.766	164	137970	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	331592	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	357524	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	358939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	219389	71.87	ng	0.00
7) Phenol-d6	7.292	99	307563	66.75	ng	0.00
23) Nitrobenzene-d5	9.308	82	209759	48.80	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	155528	70.44	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	484386	46.89	ng	0.00
79) Terphenyl-d14	20.113	244	815920	42.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.644	88	59	Below Cal	#	1
9) Benzaldehyde	7.298	77	675	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.302	70	30475	9.34	ng	# 69
32) Benzoic acid	10.142	122	55	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.766	165	17938	7.77	ng	# 35
57) 2,4-Dinitrotoluene	14.766	165	17938	5.54	ng	# 33
67) 4-Bromophenyl-phenylether	16.247	248	10704	2.43	ng	# 1

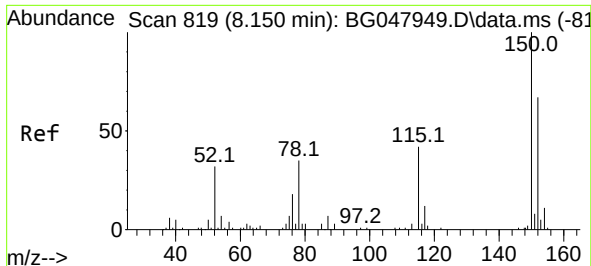
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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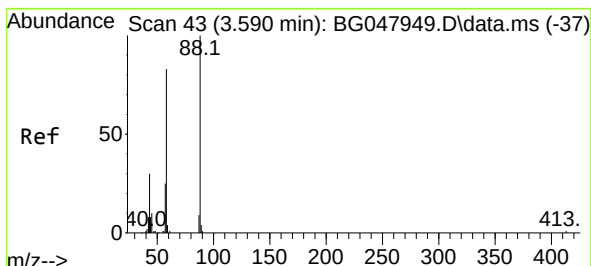
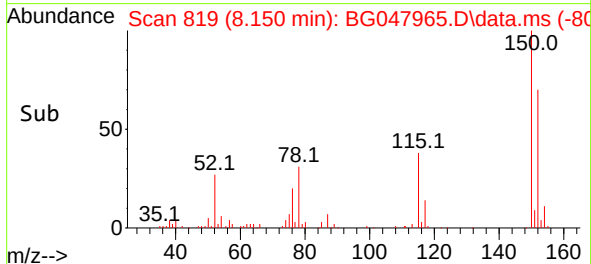
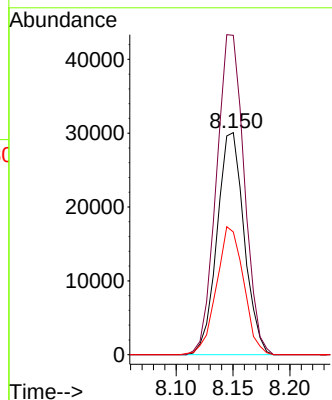
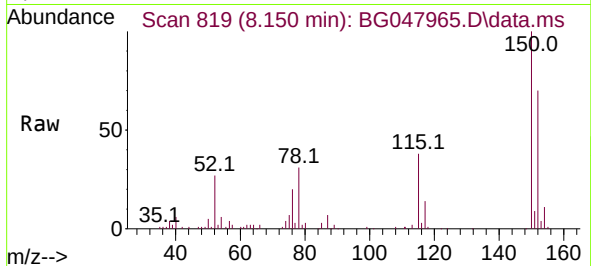




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.150 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BG047965.D
 Acq: 21 Jan 2021 22:45

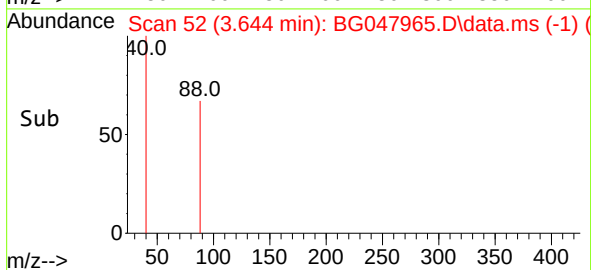
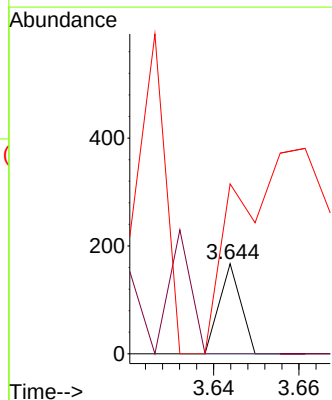
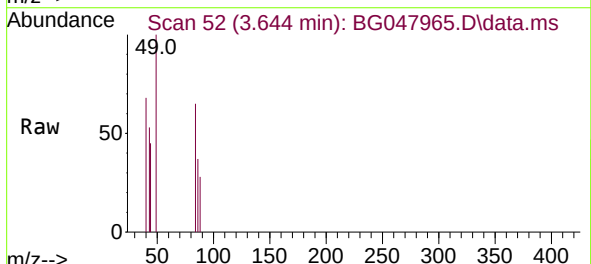
Instrument :
 BNA_G
 ClientSampleId :
 0047-052-COMP-I

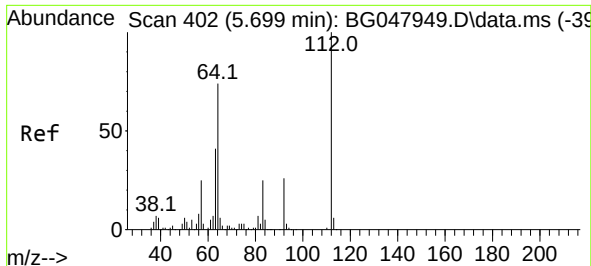
Tgt Ion:152 Resp: 49785
 Ion Ratio Lower Upper
 152 100
 150 143.8 125.0 187.6
 115 55.3 41.8 62.6



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.644 min Scan# 52
 Delta R.T. 0.054 min
 Lab File: BG047965.D
 Acq: 21 Jan 2021 22:45

Tgt Ion: 88 Resp: 59
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.6 92.4#
 43 1223.7 21.3 31.9#

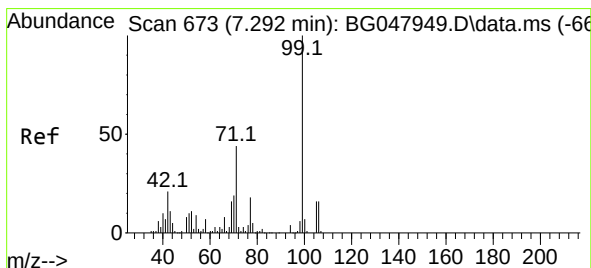
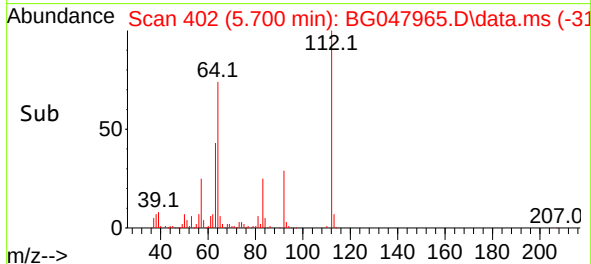
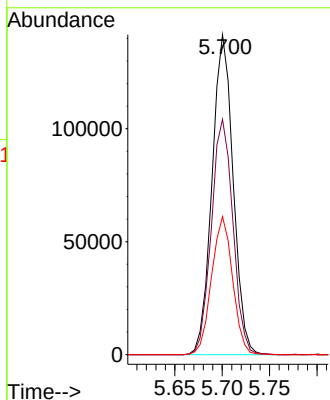
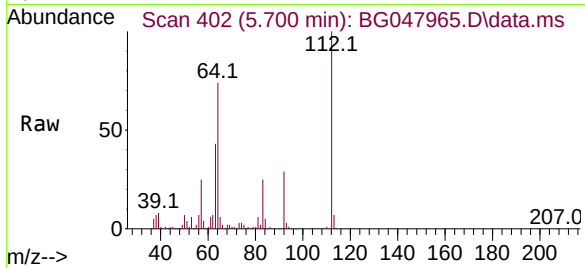




#5
2-Fluorophenol
Concen: 71.87 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

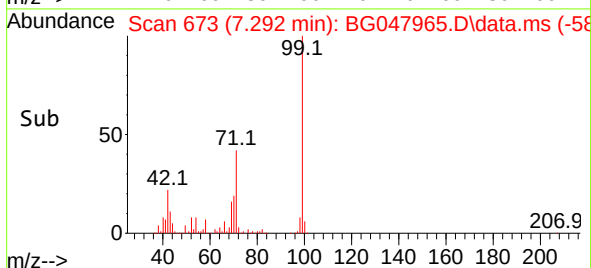
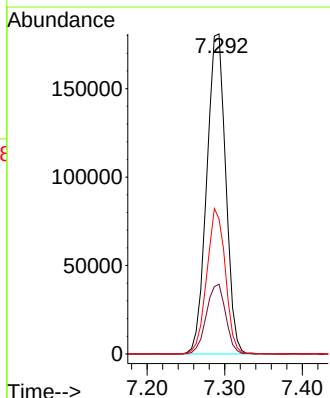
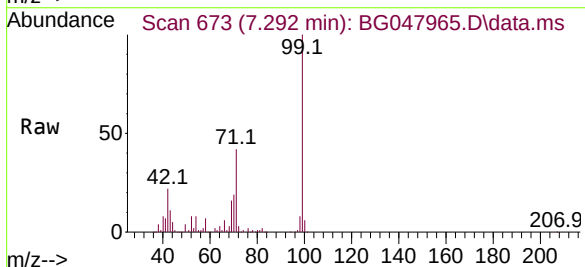
Instrument :
BNA_G
ClientSampleId :
0047-052-COMP-I

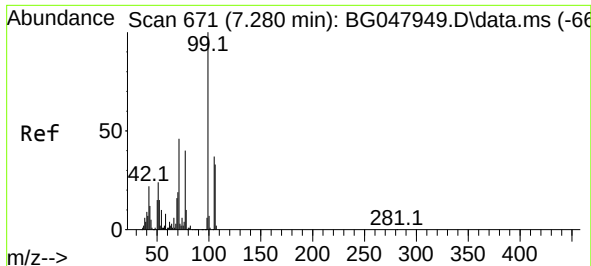
Tgt Ion:112 Resp: 219389
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 43.2 22.8 34.2#



#7
Phenol-d6
Concen: 66.75 ng
RT: 7.292 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion: 99 Resp: 307563
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 42.2 24.6 36.8#

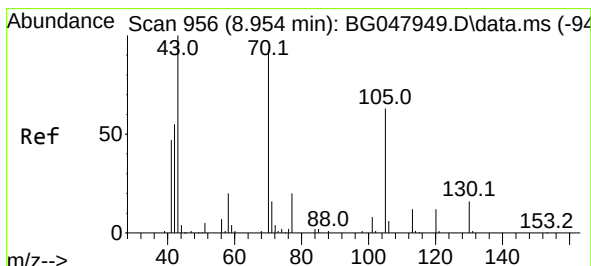
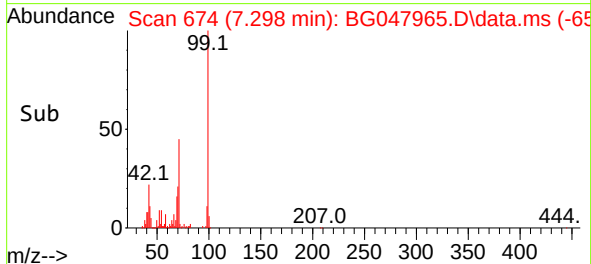
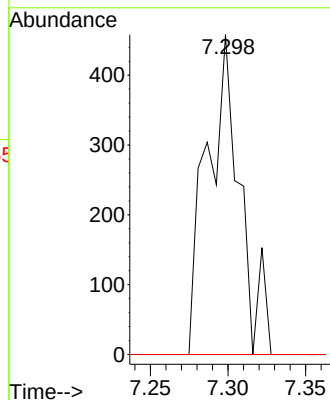
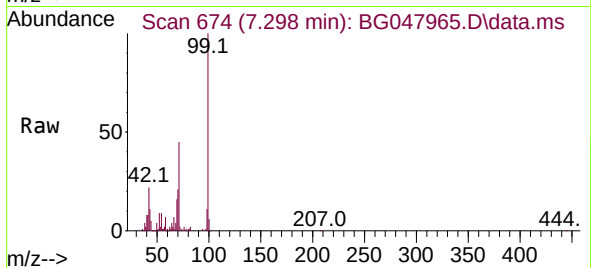




#9
Benzaldehyde
Concen: Below Cal
RT: 7.298 min Scan# 674
Delta R.T. 0.018 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

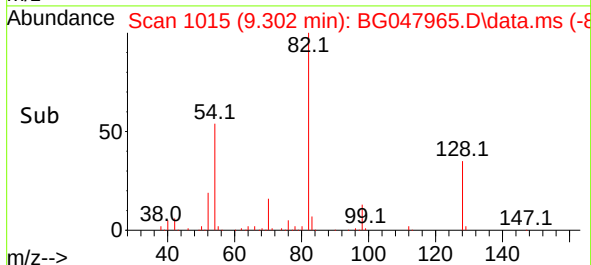
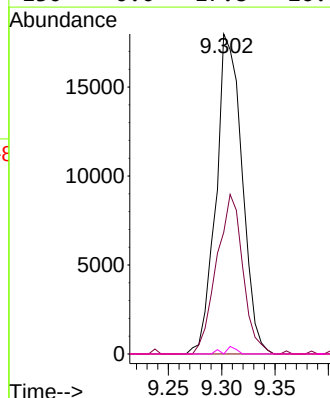
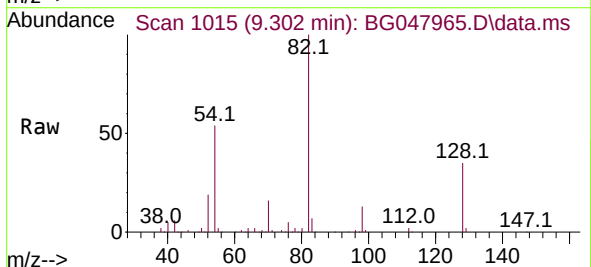
Instrument :
BNA_G
ClientSampleId :
0047-052-COMP-I

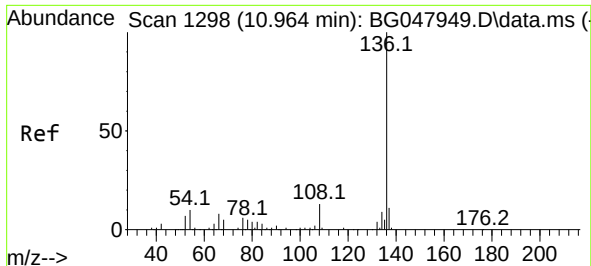
Tgt Ion: 77 Resp: 675
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 9.34 ng
RT: 9.302 min Scan# 1015
Delta R.T. 0.347 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion: 70 Resp: 30475
Ion Ratio Lower Upper
70 100
42 38.0 45.6 68.4#
101 0.0 8.4 12.6#
130 0.0 17.8 26.8#

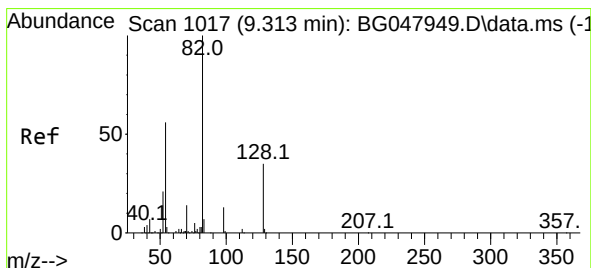
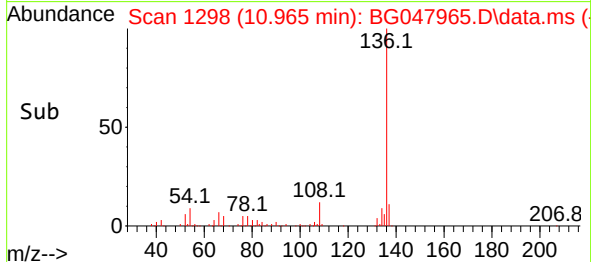
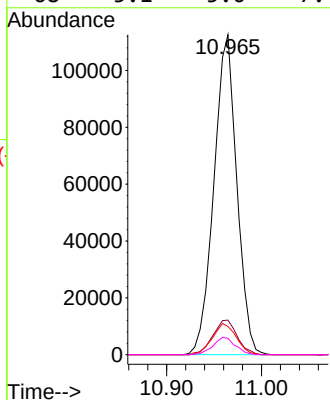
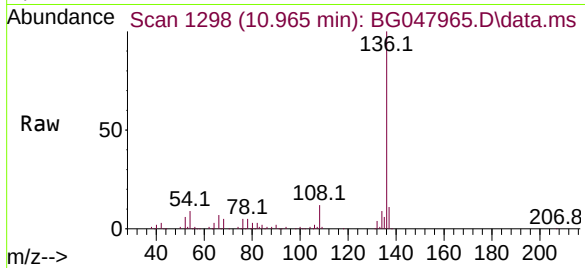




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.965 min Scan# 1298
Delta R.T. 0.001 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

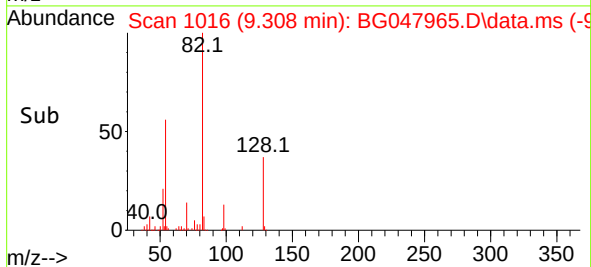
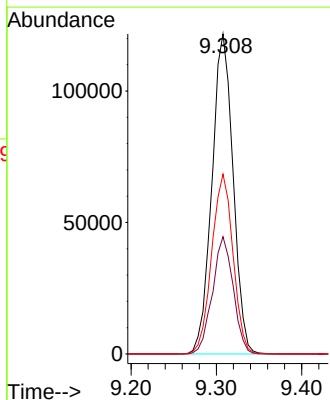
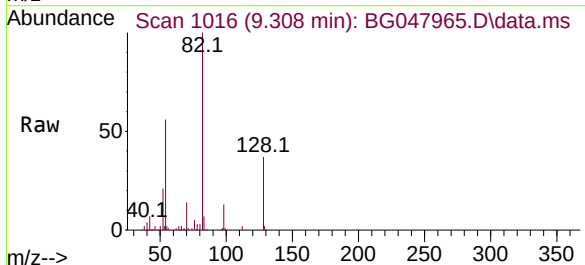
Instrument :
BNA_G
ClientSampleId :
0047-052-COMP-I

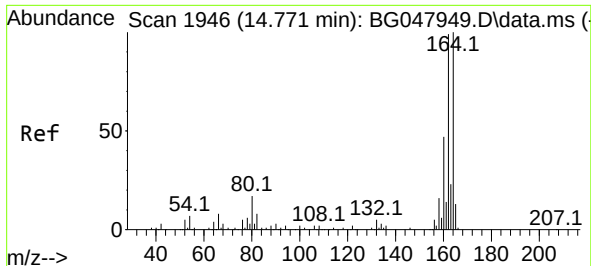
Tgt Ion:	136	Resp:	189016
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	8.8	6.2	9.4
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 48.80 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion:	82	Resp:	209759
Ion Ratio	Lower	Upper	
82	100		
128	36.6	37.0	55.6#
54	56.2	39.0	58.4

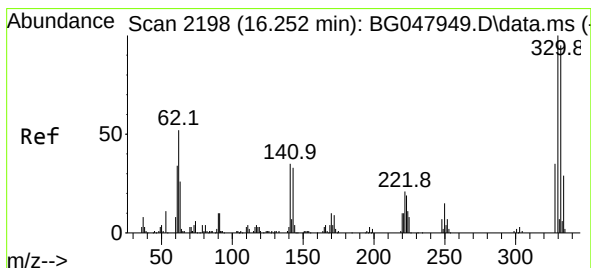
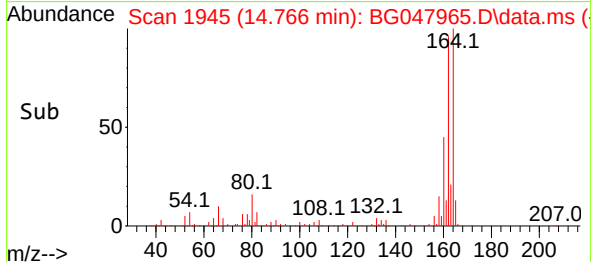
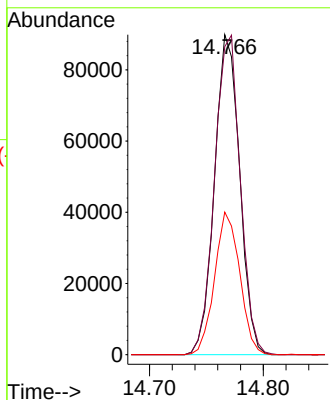
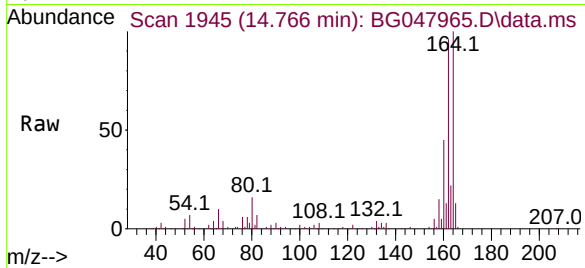




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

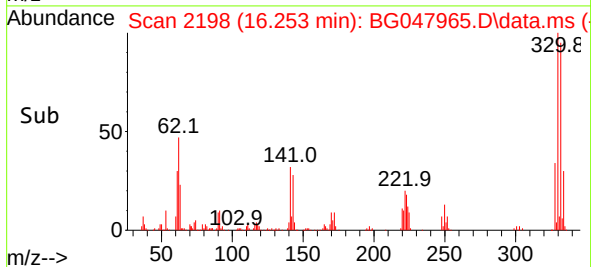
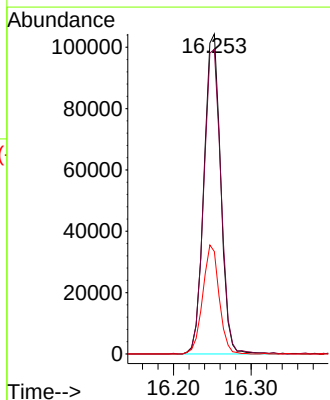
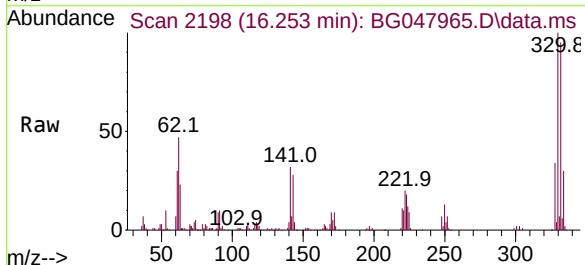
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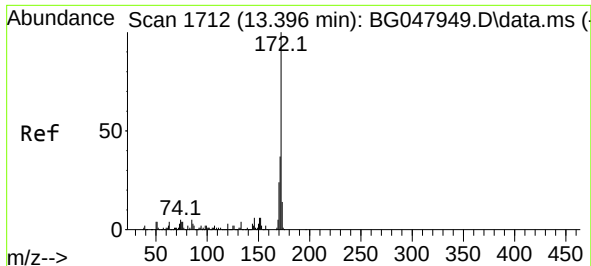
Tgt Ion:164 Resp: 137970
Ion Ratio Lower Upper
164 100
162 96.3 82.3 123.5
160 44.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 70.44 ng
RT: 16.253 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion:330 Resp: 155528
Ion Ratio Lower Upper
330 100
332 98.2 76.5 114.7
141 33.5 26.0 39.0

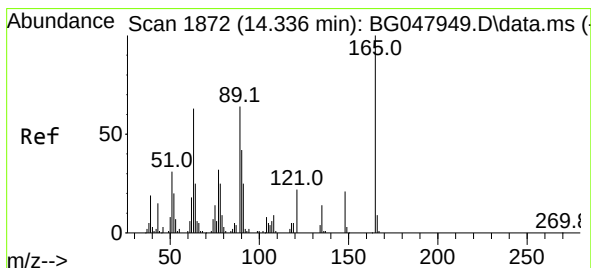
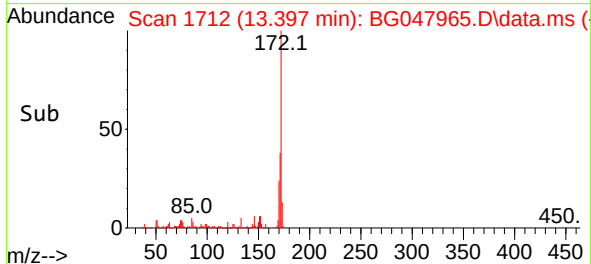
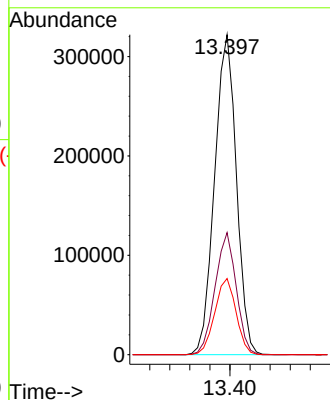
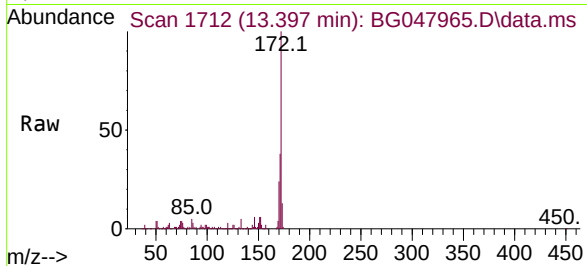




#45
2-Fluorobiphenyl
Concen: 46.89 ng
RT: 13.397 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

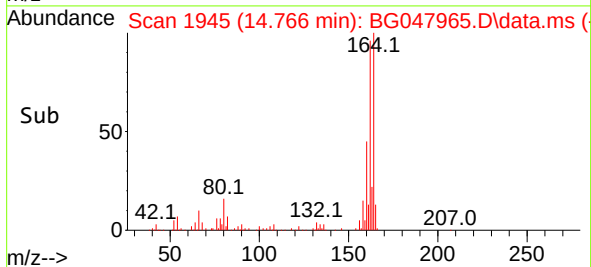
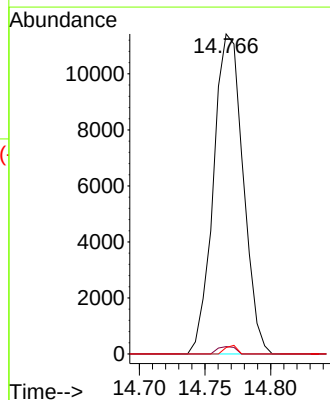
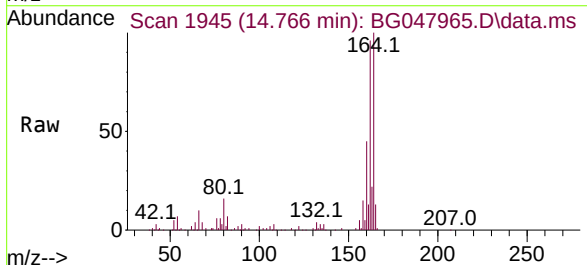
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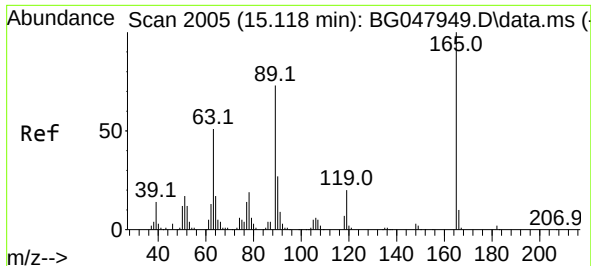
Tgt Ion:172 Resp: 484386
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 23.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 14.766 min Scan# 1945
Delta R.T. 0.430 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

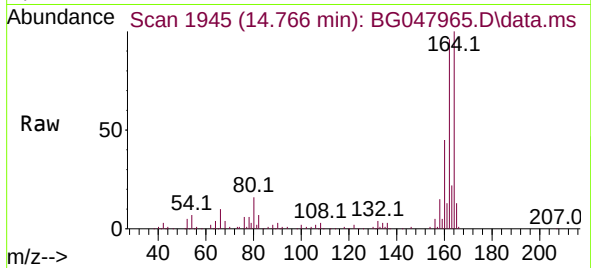
Tgt Ion:165 Resp: 17938
Ion Ratio Lower Upper
165 100
63 2.3 33.7 50.5#
89 2.0 36.6 54.8#



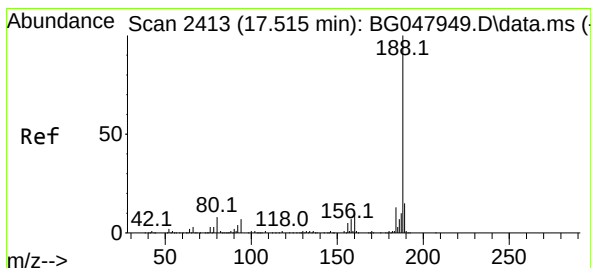
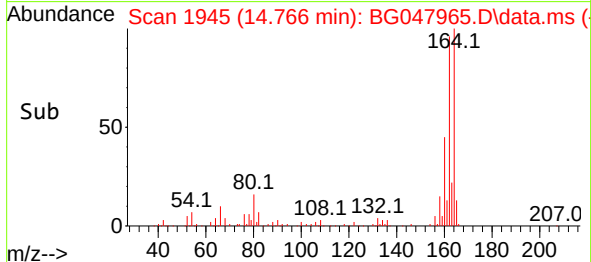
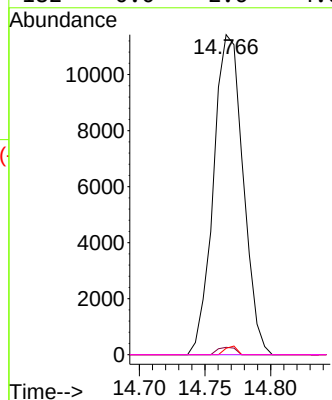


#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.352 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Instrument :
BNA_G
ClientSampleId :
0047-052-COMP-I

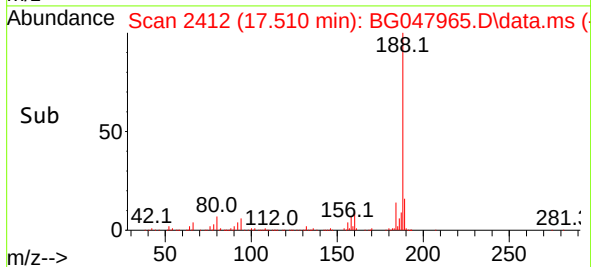
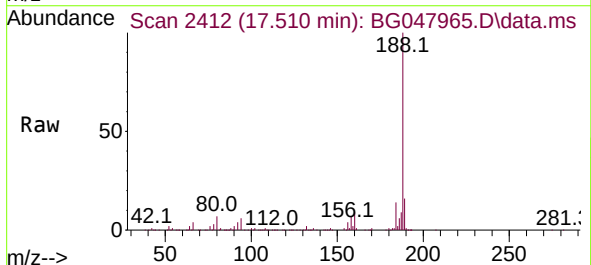
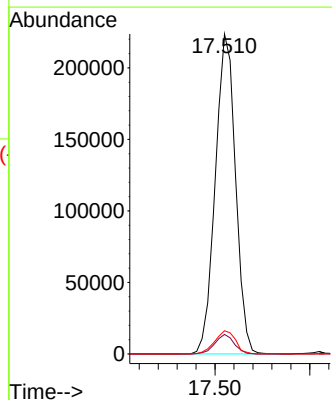


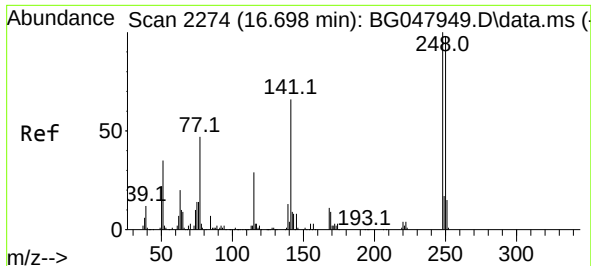
Tgt Ion:165 Resp: 17938
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion:188 Resp: 331592
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.3 7.0 10.6

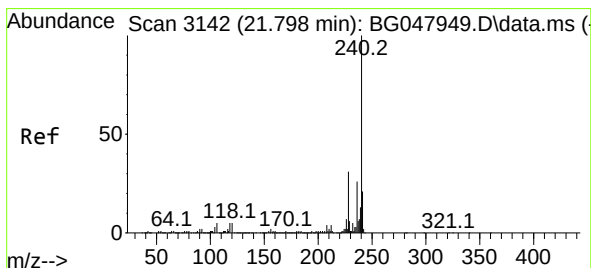
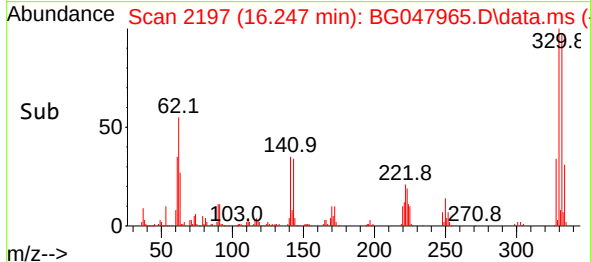
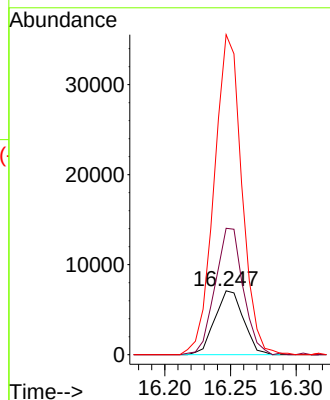
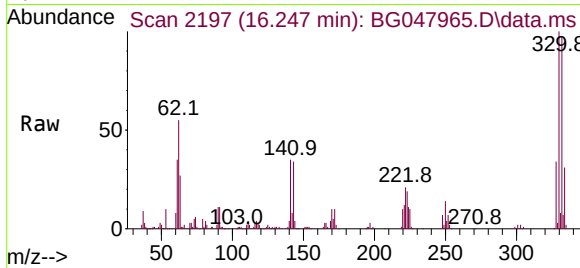




#67
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.452 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

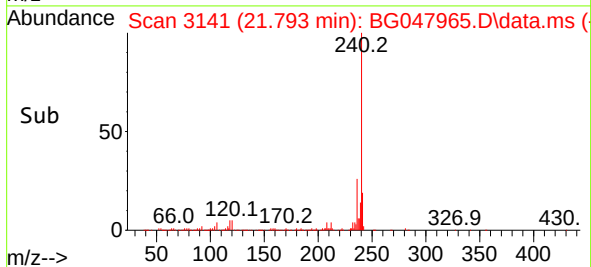
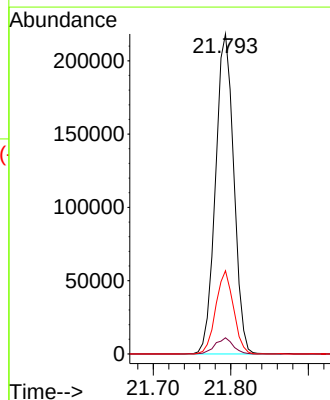
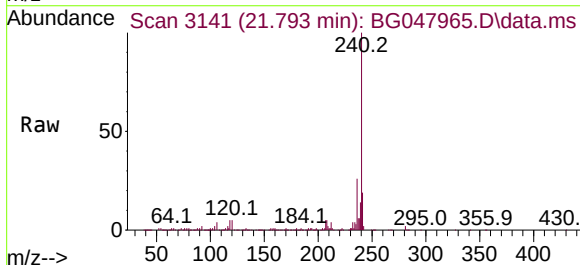
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BNA_G
ClientSampleId :
0047-052-COMP-I

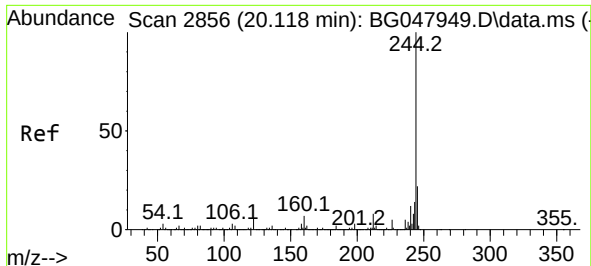
Tgt Ion:248 Resp: 10704
Ion Ratio Lower Upper
248 100
250 197.9 78.9 118.3#
141 501.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG047965.D
Acq: 21 Jan 2021 22:45

Tgt Ion:240 Resp: 357524
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.0 20.5 30.7

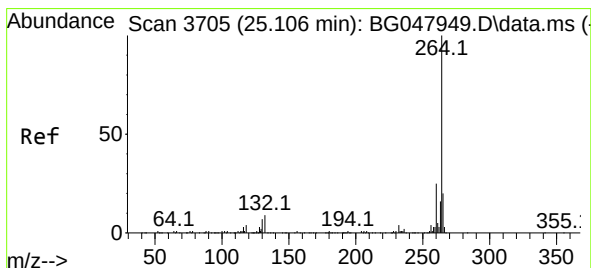
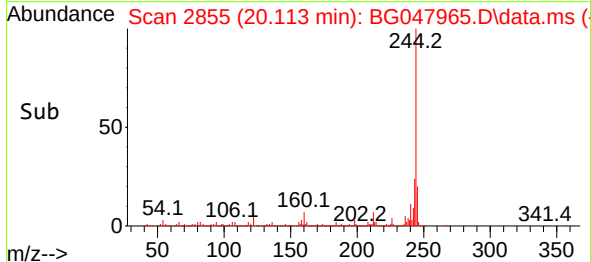
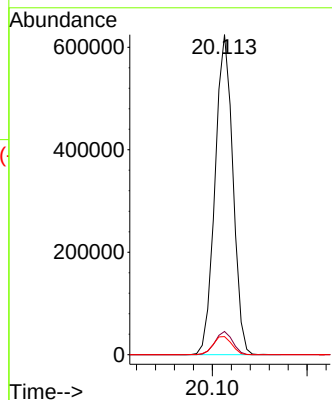
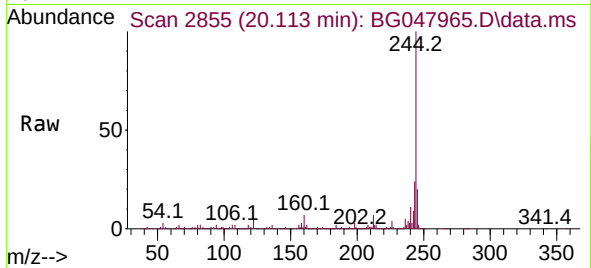




#79
 Terphenyl-d14
 Concen: 42.19 ng
 RT: 20.113 min Scan# 2855
 Delta R.T. -0.005 min
 Lab File: BG047965.D
 Acq: 21 Jan 2021 22:45

Instrument :
 BNA_G
 ClientSampleId :
 0047-052-COMP-I

Tgt Ion:244 Resp: 815920
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.7 10.1
 122 5.7 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: BG047965.D
 Acq: 21 Jan 2021 22:45

Tgt Ion:264 Resp: 358939
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.8 28.2
 265 21.0 17.8 26.8

