

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047964.D
 Acq On : 21 Jan 2021 22:05
 Operator : CG/JU
 Sample : M1191-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0043-045-COMP-E

Quant Time: Jan 21 23:42:07 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)

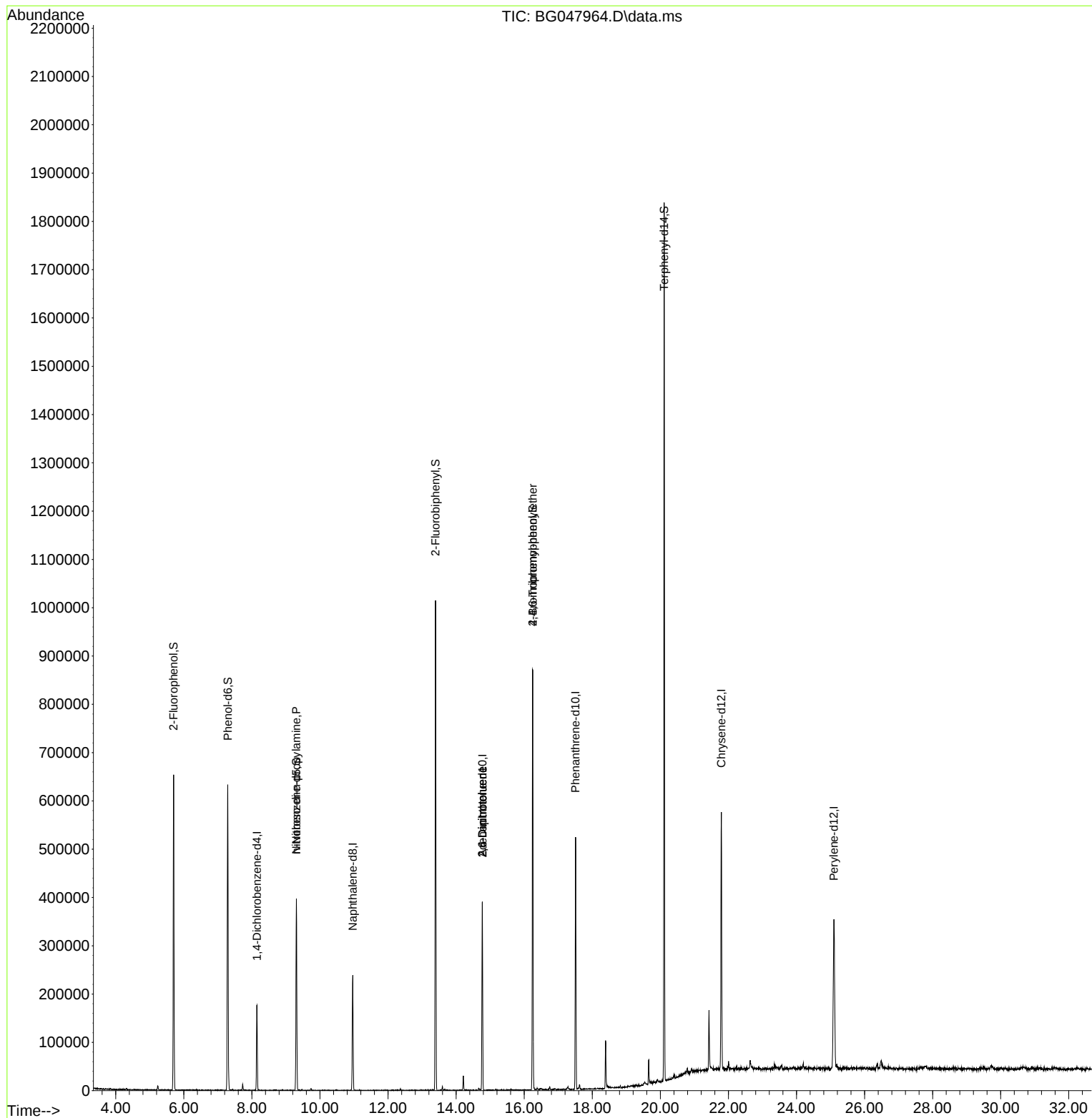
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	48599	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	187699	20.00	ng	# 0.00
39) Acenaphthene-d10	14.772	164	141581	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	335310	20.00	ng	0.00
76) Chrysene-d12	21.793	240	346148	20.00	ng	# 0.00
86) Perylene-d12	25.095	264	350834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	242295	81.31	ng	0.00
7) Phenol-d6	7.292	99	336315	74.77	ng	0.00
23) Nitrobenzene-d5	9.308	82	225113	52.74	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	171251	75.58	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	509788	48.09	ng	0.00
79) Terphenyl-d14	20.113	244	799146	42.68	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.567	88	55	Below Cal	#	1
9) Benzaldehyde	7.275	77	889	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.308	70	33029	10.37	ng	# 78
51) 2,6-Dinitrotoluene	14.772	165	18024	7.61	ng	# 35
57) 2,4-Dinitrotoluene	14.772	165	18024	5.42	ng	# 33
67) 4-Bromophenyl-phenylether	16.252	248	11742	2.64	ng	# 1

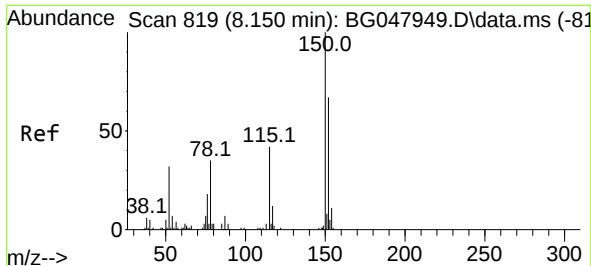
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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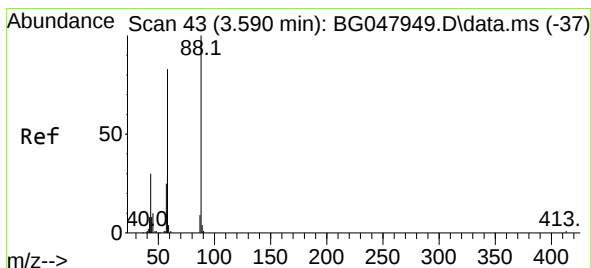
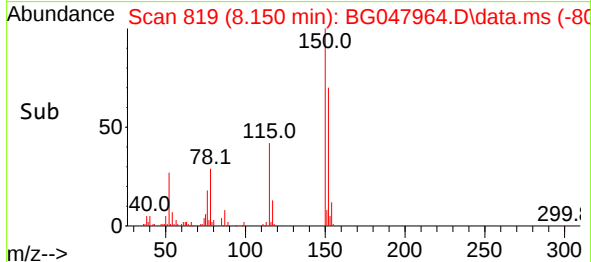
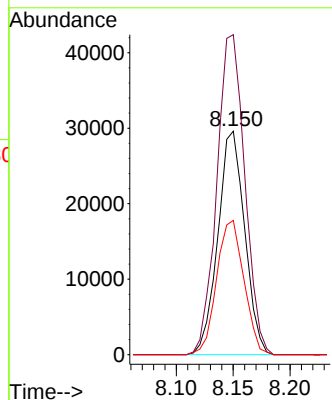
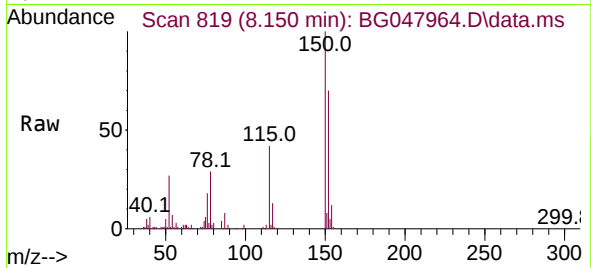




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.150 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

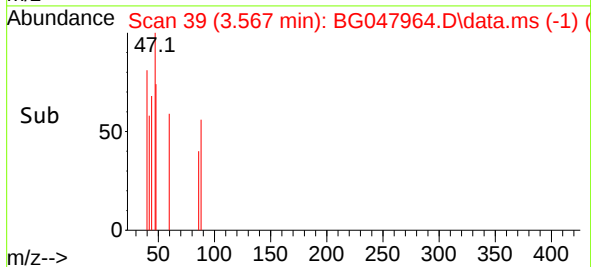
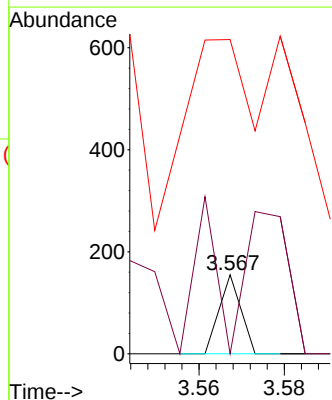
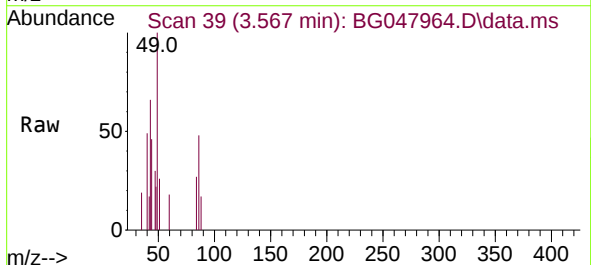
Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

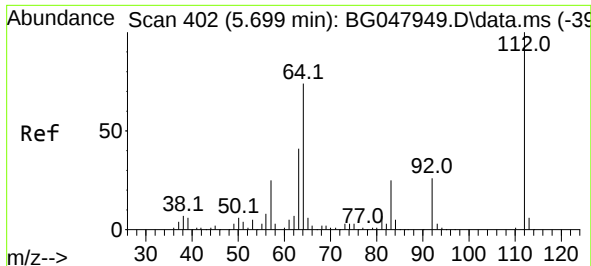
Tgt Ion:152 Resp: 48599
Ion Ratio Lower Upper
152 100
150 143.2 125.0 187.6
115 60.1 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.567 min Scan# 39
Delta R.T. -0.023 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 350.9 61.6 92.4#
43 1116.4 21.3 31.9#

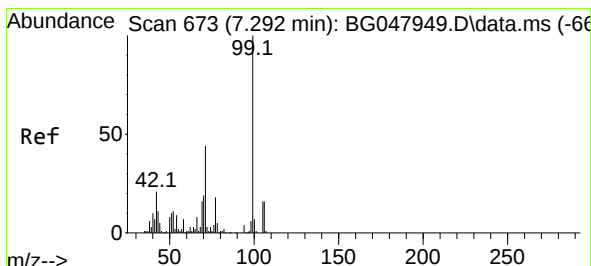
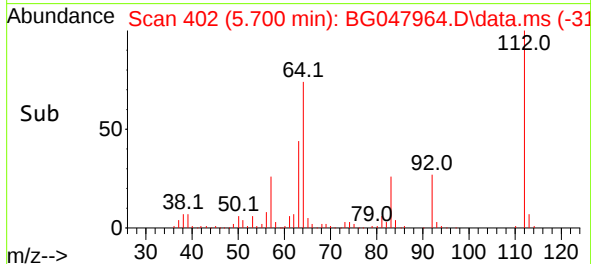
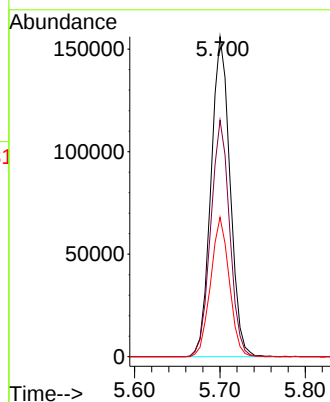
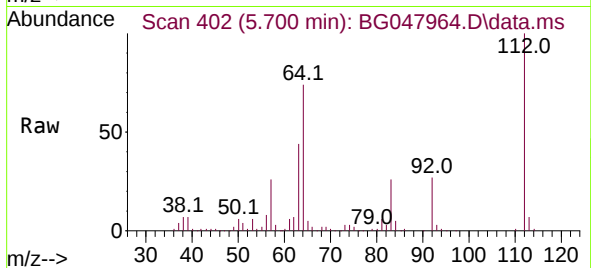




#5
2-Fluorophenol
Concen: 81.31 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

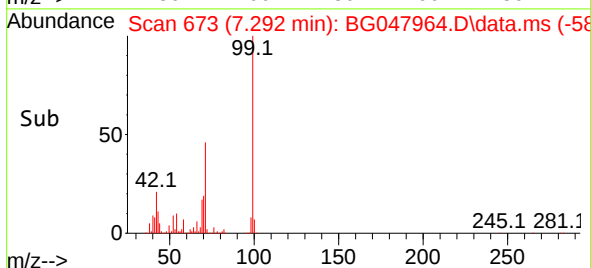
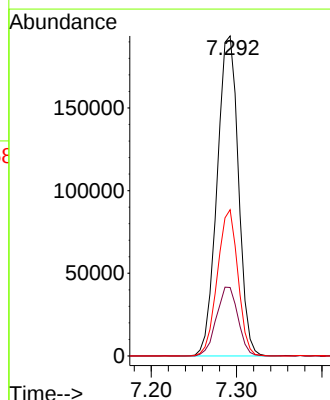
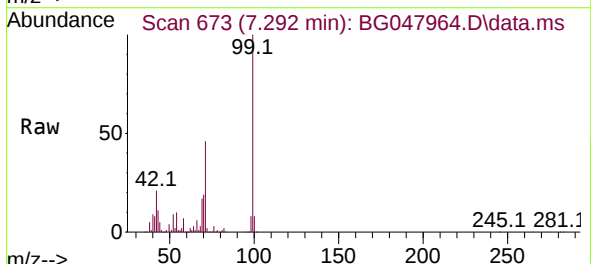
Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

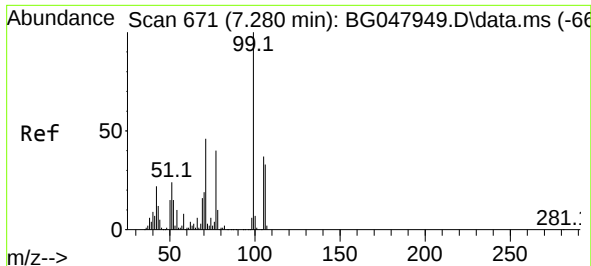
Tgt Ion:112 Resp: 242295
Ion Ratio Lower Upper
112 100
64 73.9 46.7 70.1#
63 43.6 22.8 34.2#



#7
Phenol-d6
Concen: 74.77 ng
RT: 7.292 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion: 99 Resp: 336315
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 45.7 24.6 36.8#

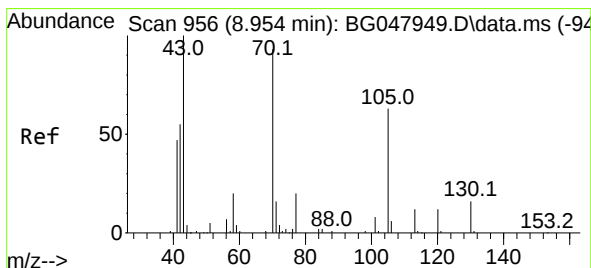
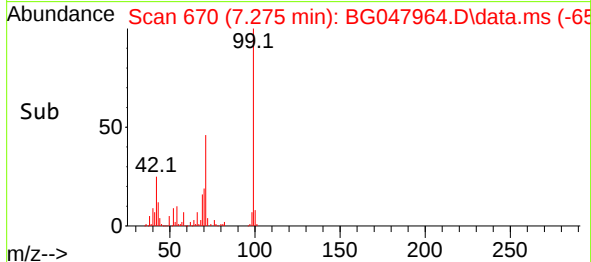
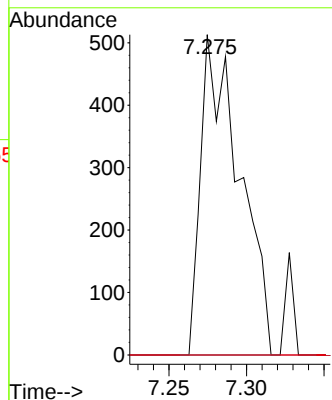
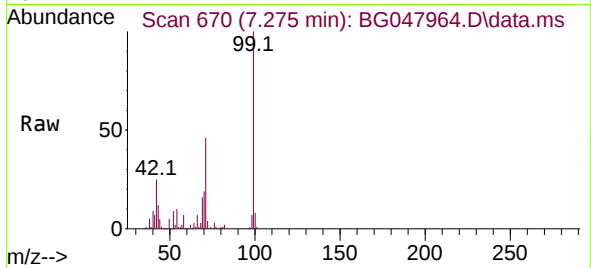




#9
Benzaldehyde
Concen: Below Cal
RT: 7.275 min Scan# 670
Delta R.T. -0.005 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

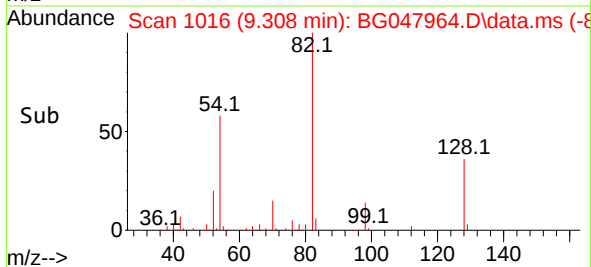
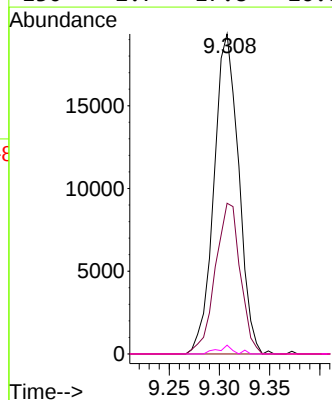
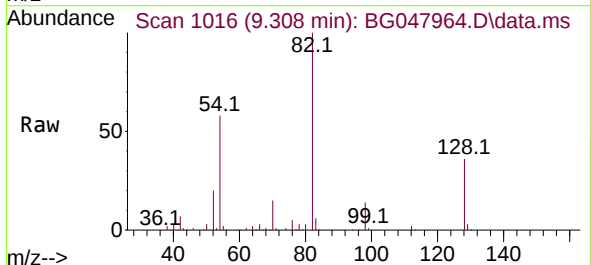
Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

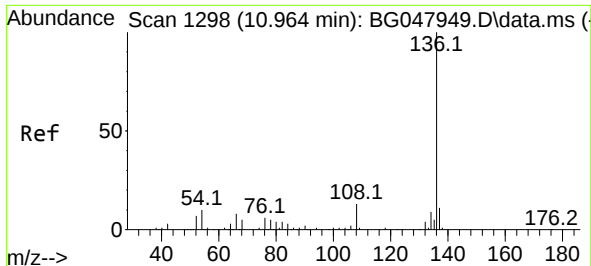
Tgt Ion: 77 Resp: 889
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 10.37 ng
RT: 9.308 min Scan# 1016
Delta R.T. 0.353 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion: 70 Resp: 33029
Ion Ratio Lower Upper
70 100
42 47.1 45.6 68.4
101 0.0 8.4 12.6#
130 2.7 17.8 26.8#

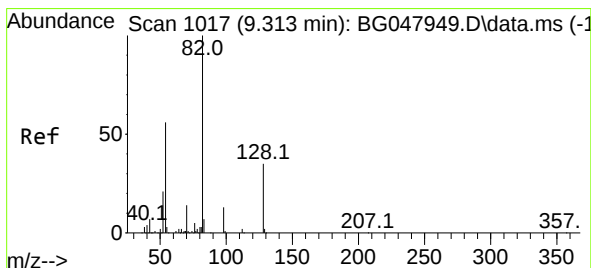
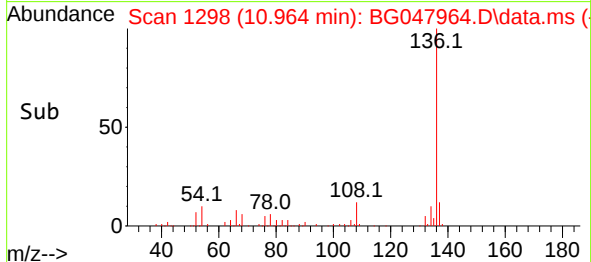
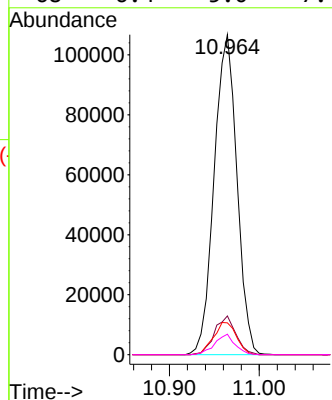
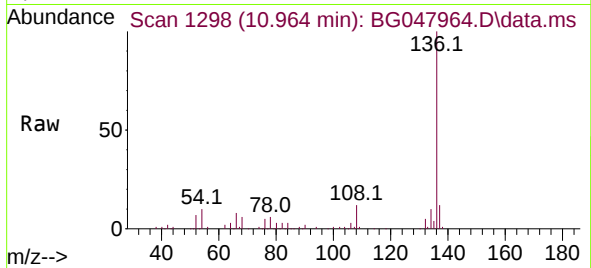




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

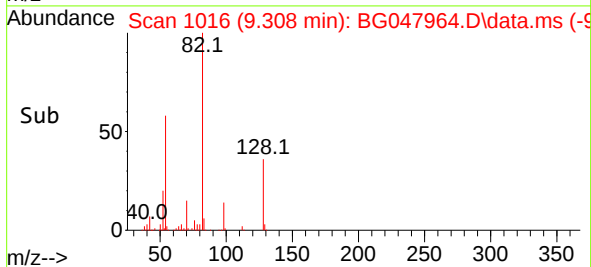
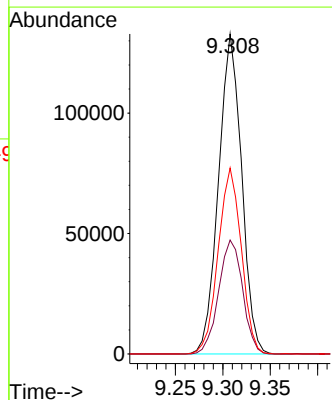
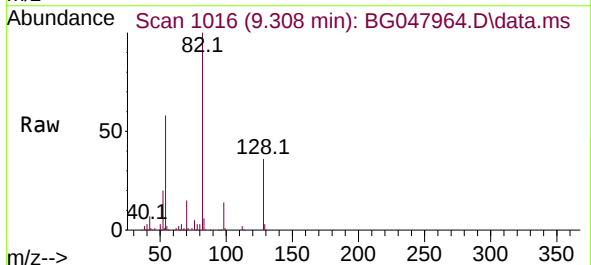
Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

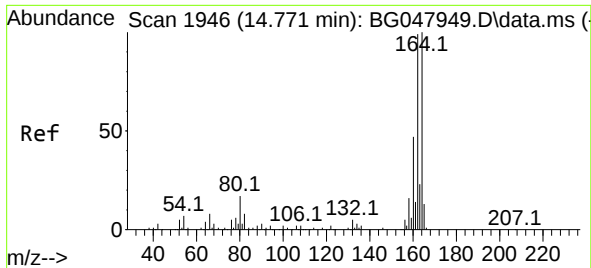
Tgt Ion:	136	Resp:	187699
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.1	13.7
54	10.0	6.2	9.4#
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 52.74 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion:	82	Resp:	225113
Ion Ratio	Lower	Upper	
82	100		
128	35.6	37.0	55.6#
54	58.1	39.0	58.4

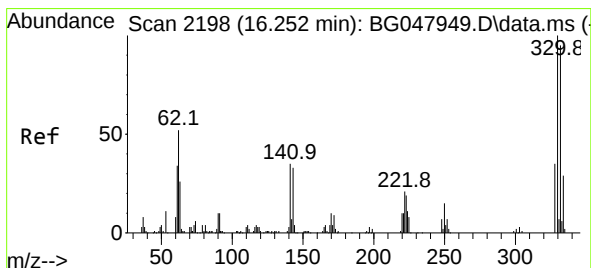
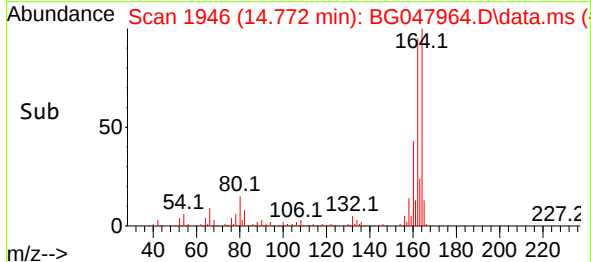
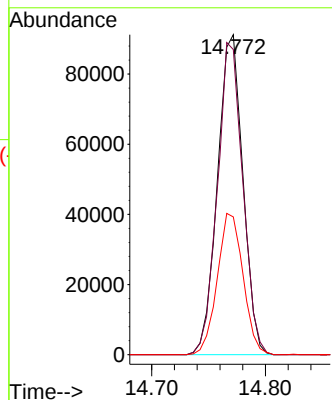
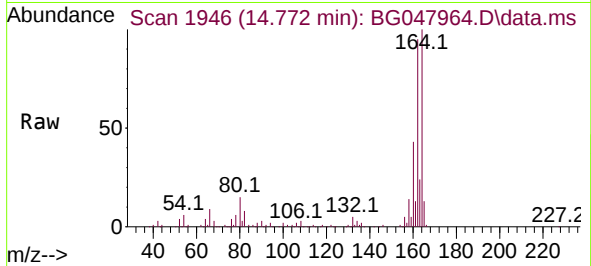




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.772 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

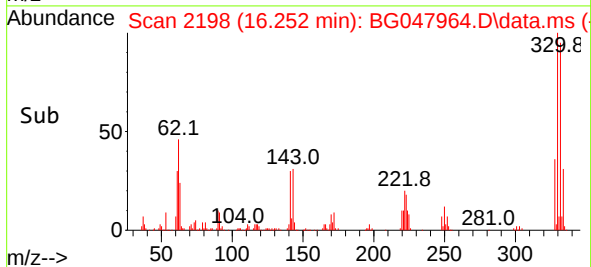
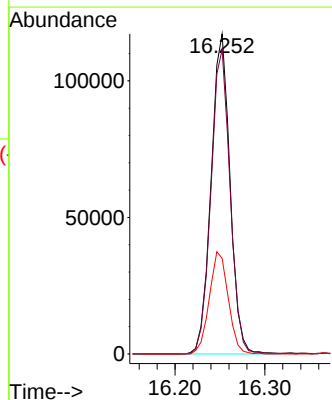
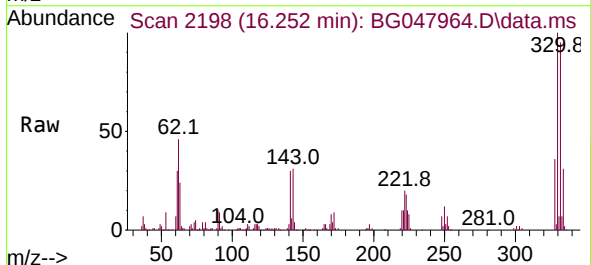
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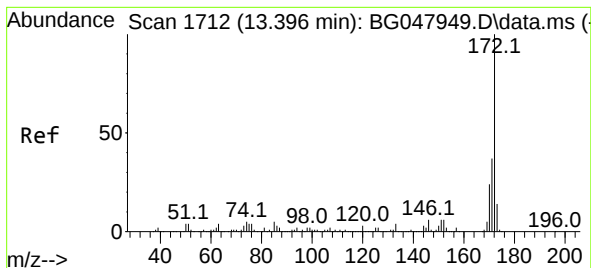
Tgt Ion:164 Resp: 141581
Ion Ratio Lower Upper
164 100
162 95.4 82.3 123.5
160 43.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 75.58 ng
RT: 16.252 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion:330 Resp: 171251
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 32.0 26.0 39.0

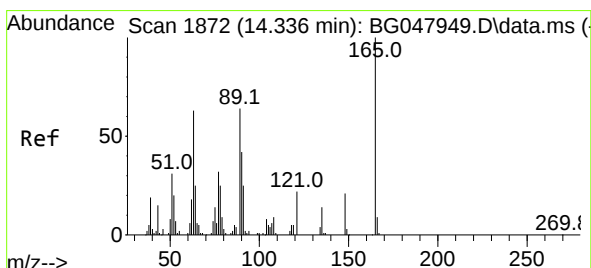
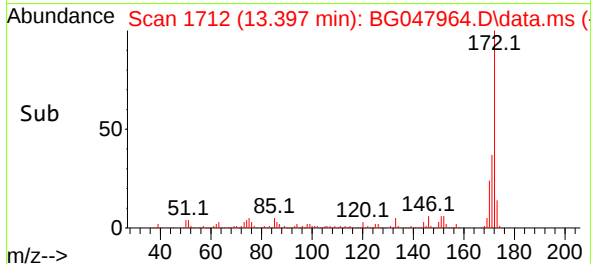
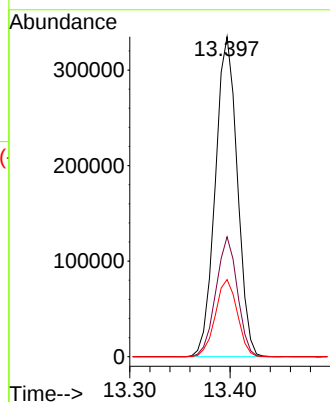
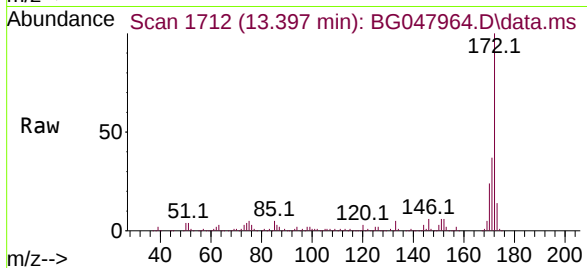




#45
2-Fluorobiphenyl
Concen: 48.09 ng
RT: 13.397 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

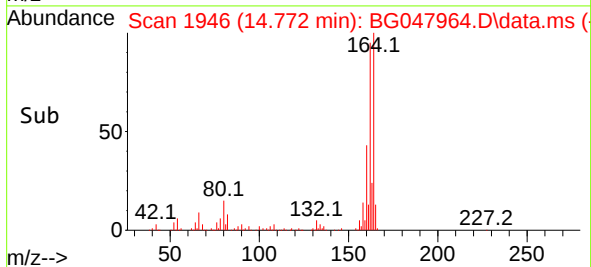
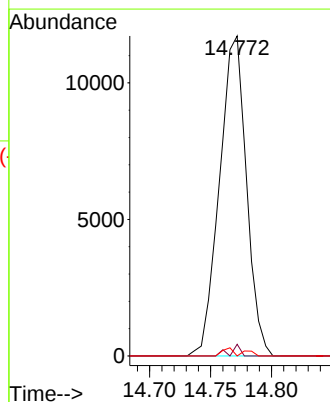
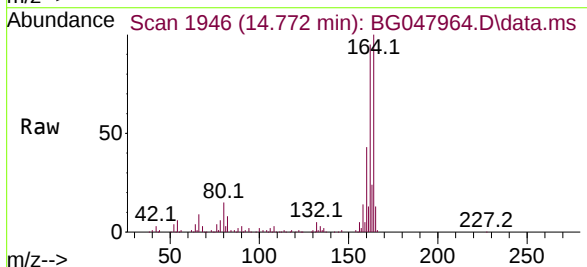
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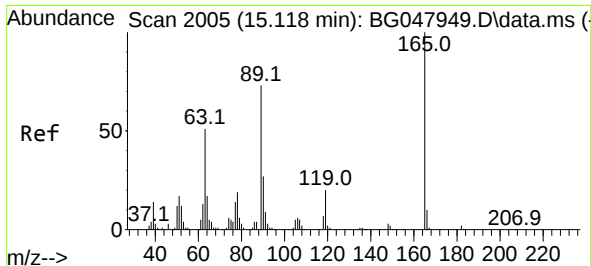
Tgt Ion:172 Resp: 509788
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 14.772 min Scan# 1946
Delta R.T. 0.435 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

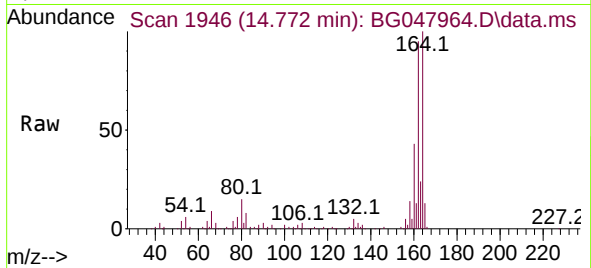
Tgt Ion:165 Resp: 18024
Ion Ratio Lower Upper
165 100
63 3.6 33.7 50.5#
89 0.0 36.6 54.8#



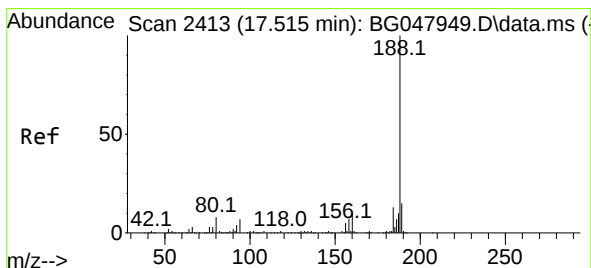
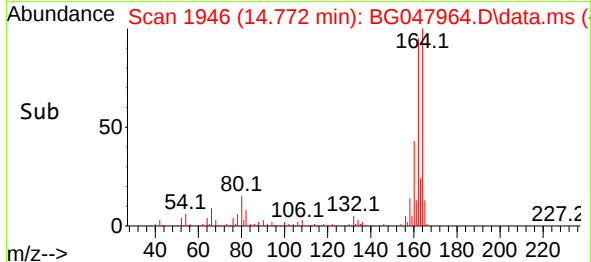
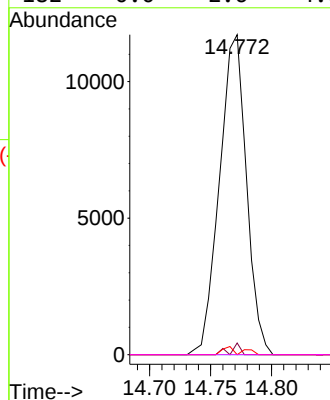


#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 14.772 min Scan# 1946
Delta R.T. -0.346 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

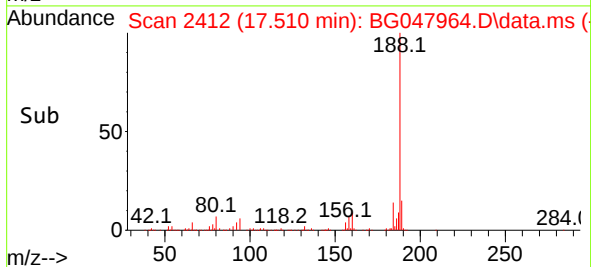
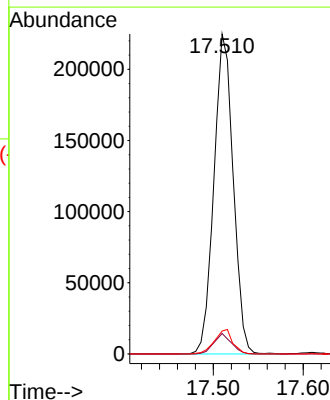
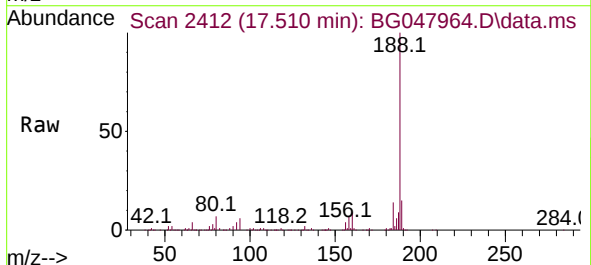


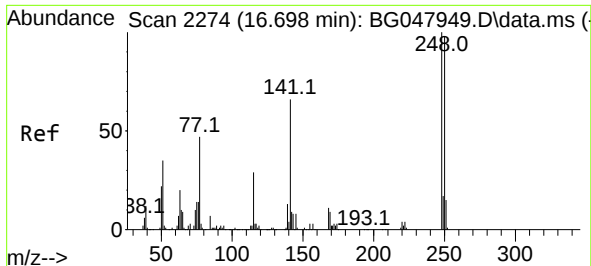
Tgt Ion:165 Resp: 18024
Ion Ratio Lower Upper
165 100
63 3.6 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion:188 Resp: 335310
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.1 7.0 10.6

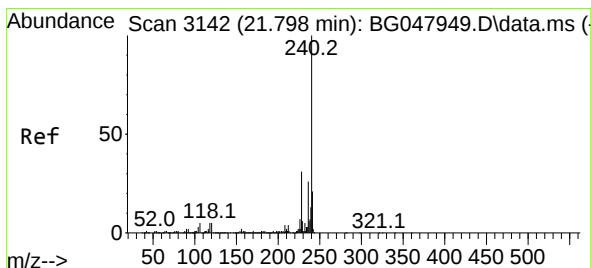
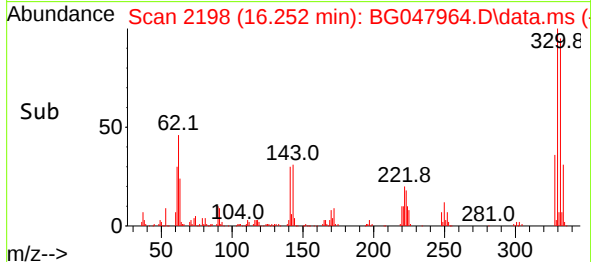
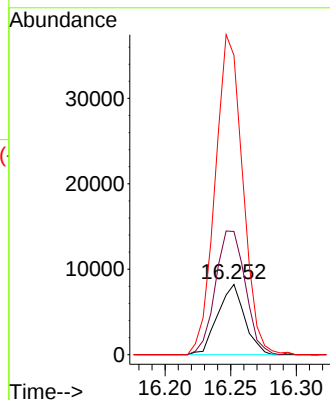
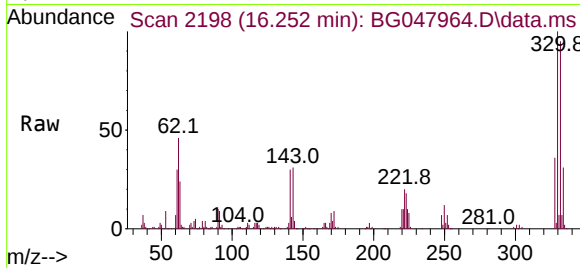




#67
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.446 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

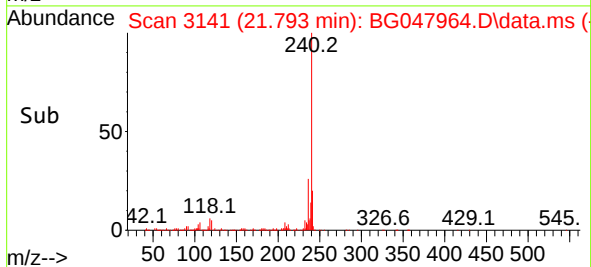
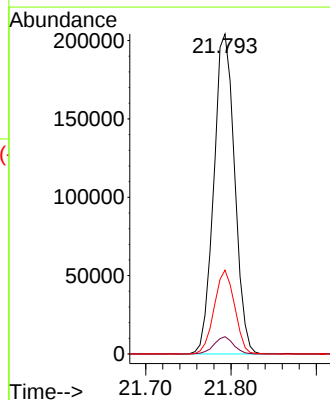
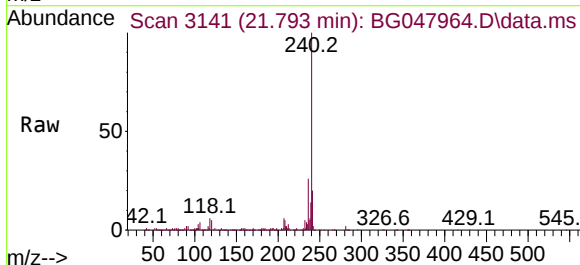
Instrument :
BNA_G
ClientSampleId :
0043-045-COMP-E

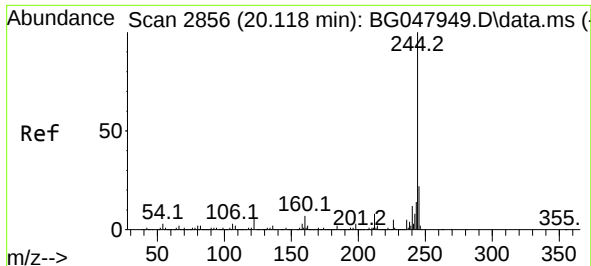
Tgt Ion:248 Resp: 11742
Ion Ratio Lower Upper
248 100
250 175.3 78.9 118.3#
141 425.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG047964.D
Acq: 21 Jan 2021 22:05

Tgt Ion:240 Resp: 346148
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 26.2 20.5 30.7

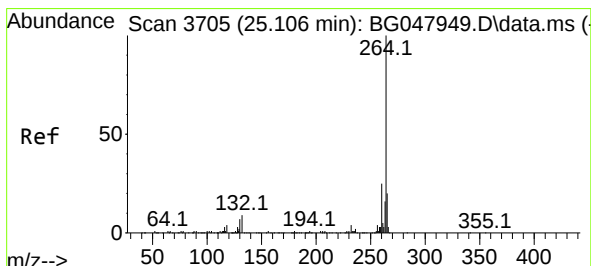
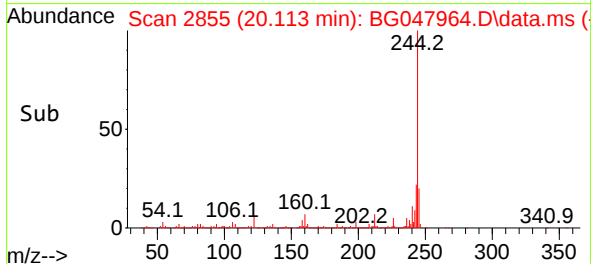
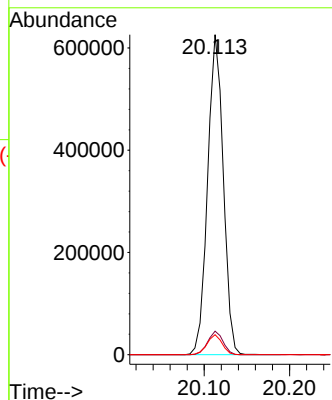
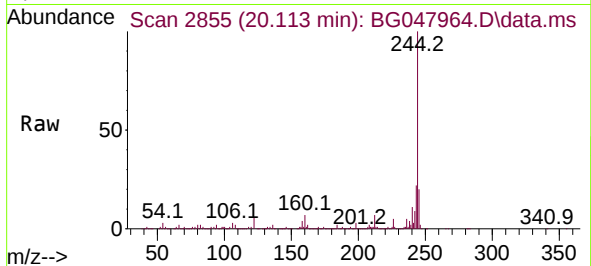




#79
 Terphenyl-d14
 Concen: 42.68 ng
 RT: 20.113 min Scan# 2855
 Delta R.T. -0.005 min
 Lab File: BG047964.D
 Acq: 21 Jan 2021 22:05

Instrument :
 BNA_G
 ClientSampleId :
 0043-045-COMP-E

Tgt Ion:244 Resp: 799146
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.7 10.1
 122 6.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.095 min Scan# 3703
 Delta R.T. -0.011 min
 Lab File: BG047964.D
 Acq: 21 Jan 2021 22:05

Tgt Ion:264 Resp: 350834
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.8 28.2
 265 21.4 17.8 26.8

