

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047897.D
 Acq On : 8 Jan 2021 22:05
 Operator : CG/JU
 Sample : M1038-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jan 09 00:58:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

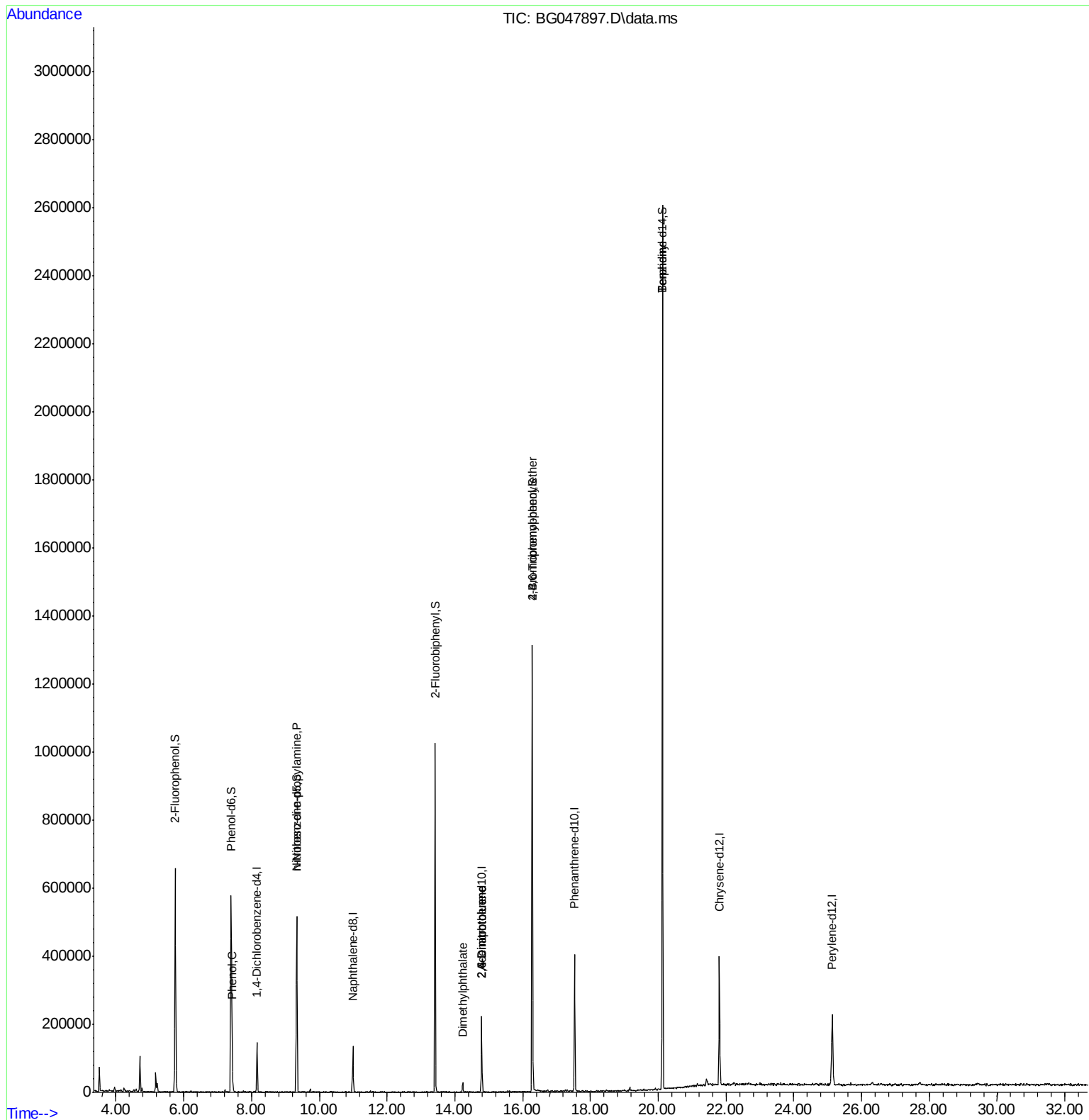
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	38786	20.00	ng	0.00
21) Naphthalene-d8	10.990	136	107444	20.00	ng	# 0.00
39) Acenaphthene-d10	14.791	164	80375	20.00	ng	0.00
64) Phenanthrene-d10	17.535	188	267855	20.00	ng	# 0.00
76) Chrysene-d12	21.806	240	238813	20.00	ng	# 0.00
86) Perylene-d12	25.132	264	236423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	290310	129.48	ng	0.00
7) Phenol-d6	7.400	99	379927	115.92	ng	0.00
23) Nitrobenzene-d5	9.333	82	320998	109.89	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	253296	184.60	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	522316	84.09	ng	0.00
79) Terphenyl-d14	20.126	244	1119089	77.22	ng	0.00
Target Compounds						
10) Phenol	7.429	94	27073	9.11	ng	# 54
19) n-Nitroso-di-n-propyla...	9.333	70	48037	21.06	ng	# 72
50) Dimethylphthalate	14.233	163	17614	2.54	ng	# 98
51) 2,6-Dinitrotoluene	14.797	165	9783	6.95	ng	# 34
57) 2,4-Dinitrotoluene	14.797	165	9783	4.67	ng	# 33
67) 4-Bromophenyl-phenylether	16.284	248	17637	4.90	ng	# 1
70) Pentachlorophenol	17.200	266	129	Below Cal		# 19
77) Benzidine	20.126	184	22833	3.56	ng	# 94

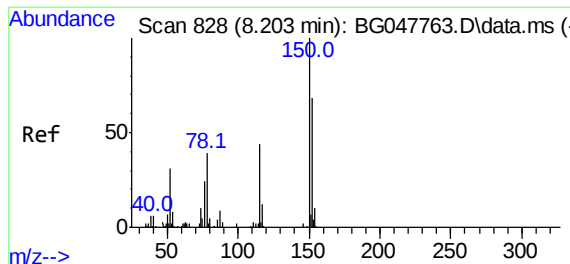
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

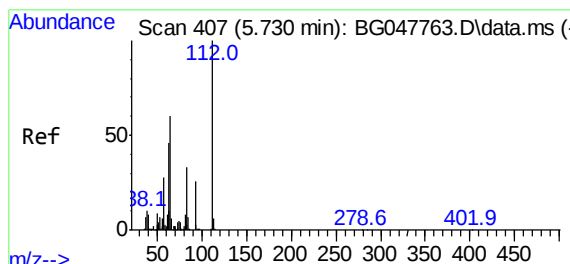
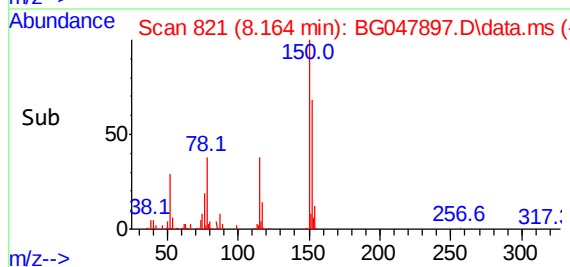
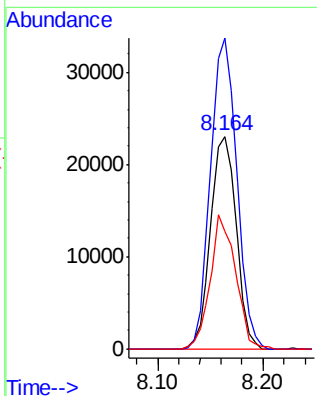
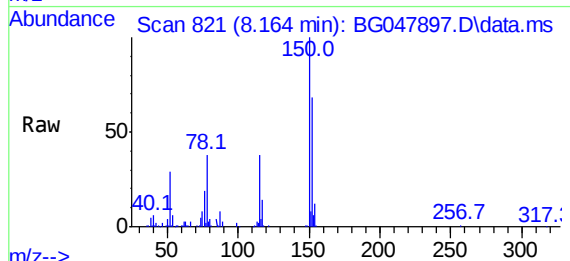




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.164 min Scan# 821
Delta R.T. 0.002 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

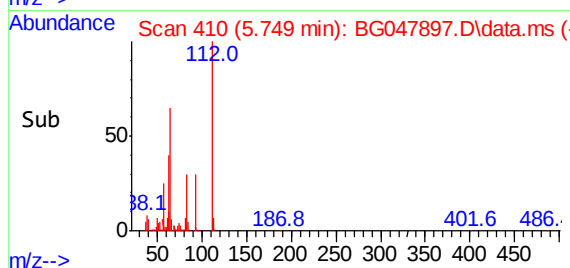
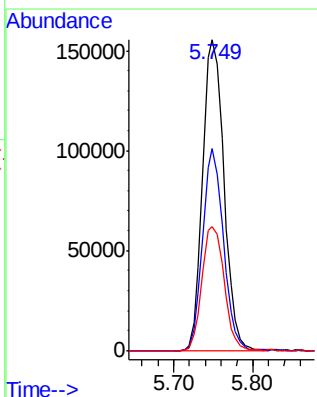
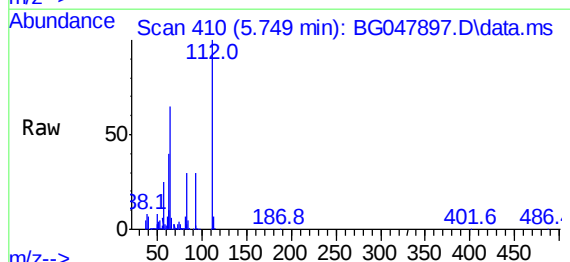
Instrument :
BNA_G
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TP-4

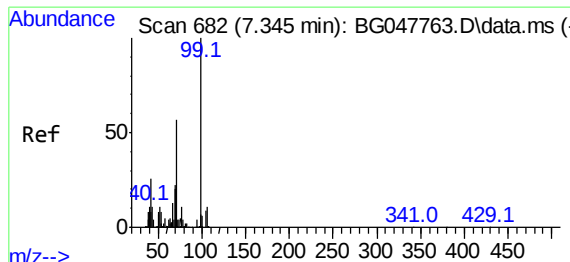
Tgt Ion:152 Resp: 38786
Ion Ratio Lower Upper
152 100
150 146.1 125.0 187.6
115 55.5 41.8 62.6



#5
2-Fluorophenol
Concen: 129.48 ng
RT: 5.749 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:112 Resp: 290310
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 39.8 22.8 34.2#

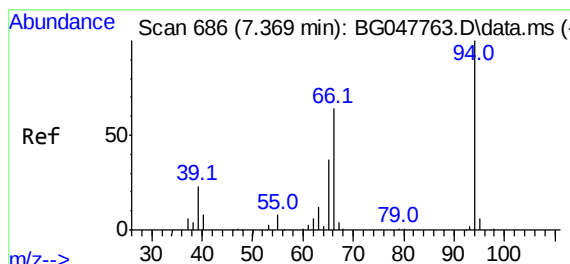
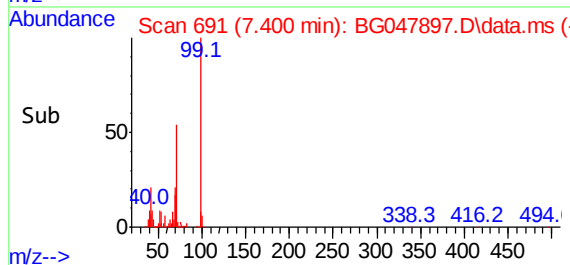
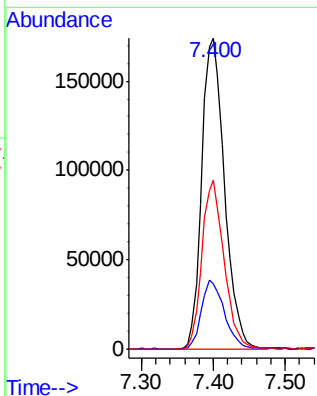
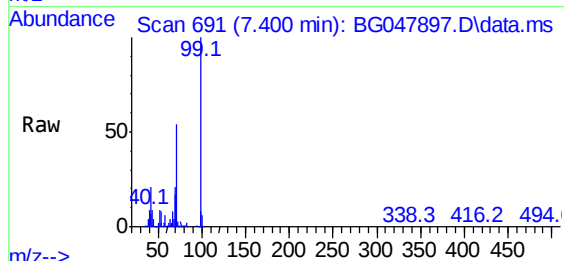




#7
Phenol-d6
Concen: 115.92 ng
RT: 7.400 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

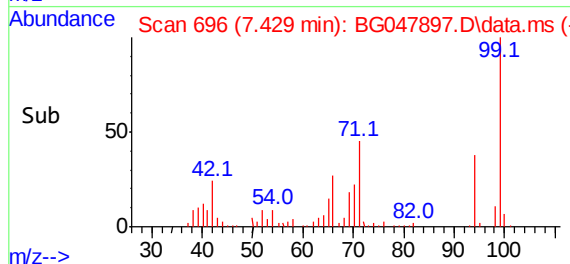
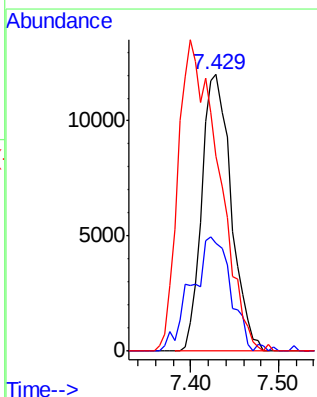
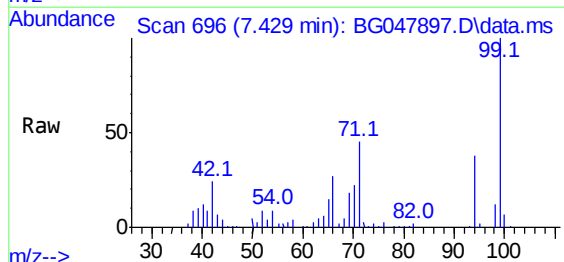
Instrument :
BNA_G
ClientSampleId :
TP-4

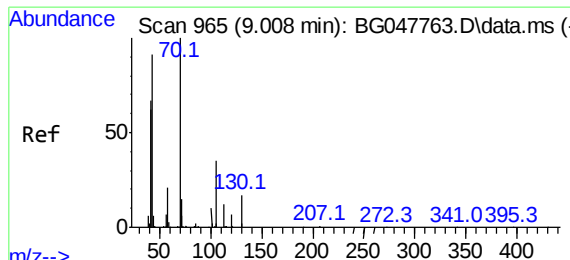
Tgt Ion: 99 Resp: 379927
Ion Ratio Lower Upper
99 100
42 20.7 12.8 19.2#
71 54.2 24.6 36.8#



#10
Phenol
Concen: 9.11 ng
RT: 7.429 min Scan# 696
Delta R.T. 0.002 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion: 94 Resp: 27073
Ion Ratio Lower Upper
94 100
65 39.0 6.6 46.6
66 70.5 13.9 53.9#

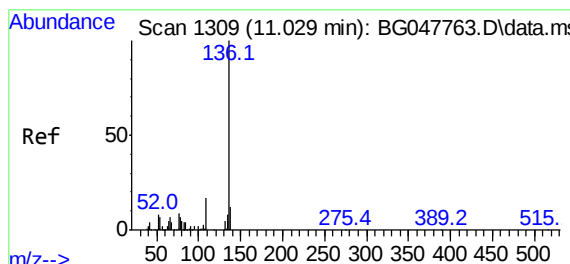
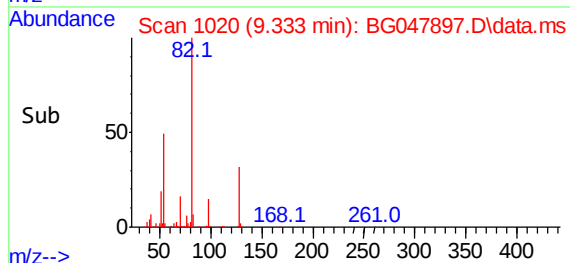
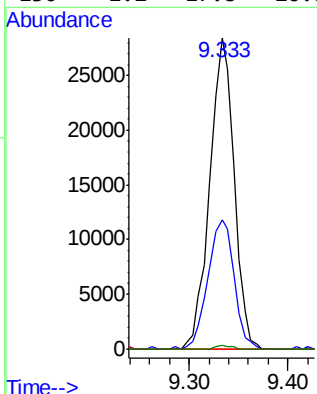
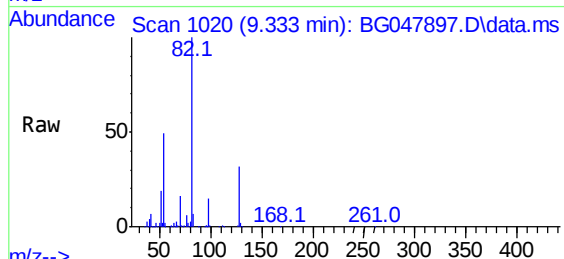




#19
n-Nitroso-di-n-propylamine
Concen: 21.06 ng
RT: 9.333 min Scan# 1020
Delta R.T. 0.366 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

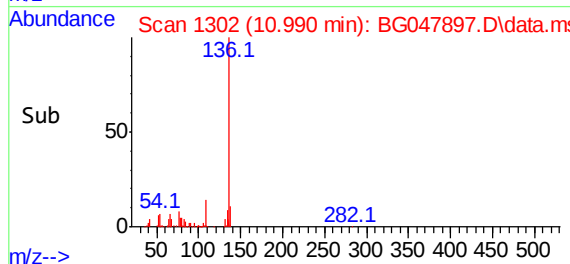
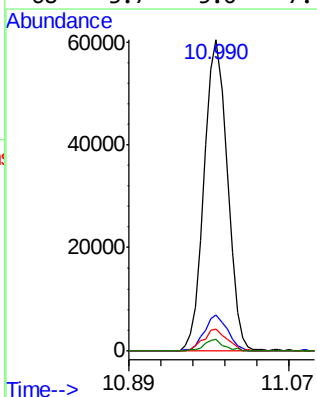
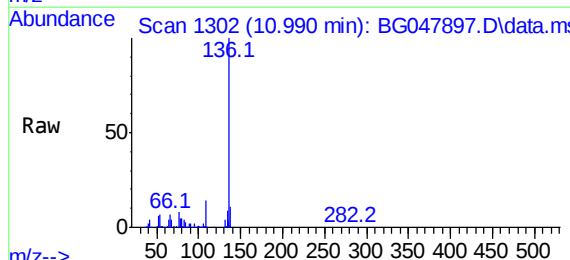
Instrument :
BNA_G
ClientSampleId :
TP-4

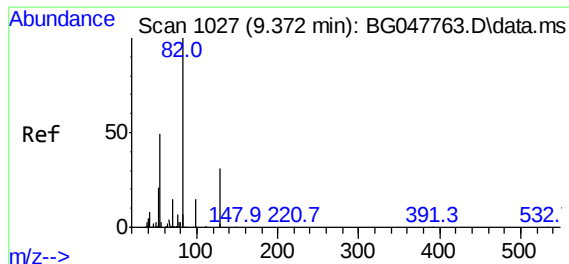
Tgt Ion: 70 Resp: 48037
Ion Ratio Lower Upper
70 100
42 41.4 45.6 68.4#
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.990 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:136 Resp: 107444
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.8 6.2 9.4
68 3.7 5.0 7.4#

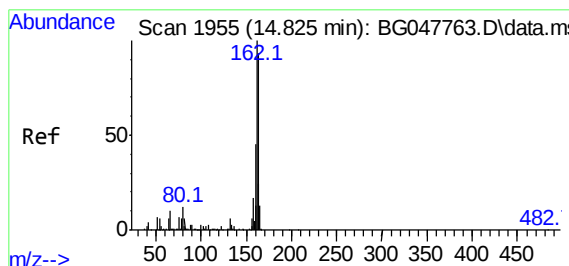
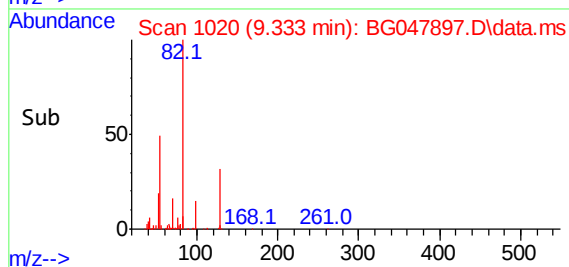
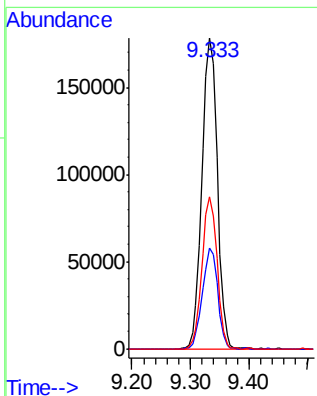
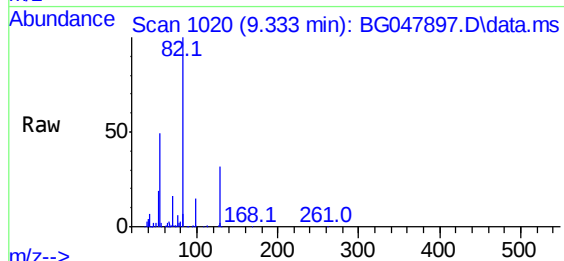




#23
Nitrobenzene-d5
Concen: 109.89 ng
RT: 9.333 min Scan# 1020
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

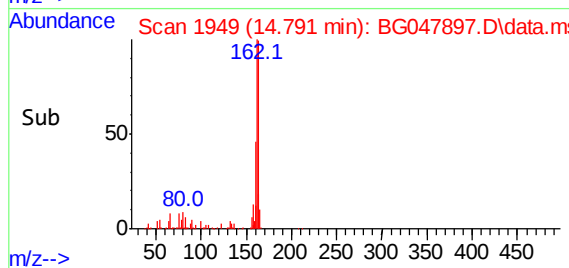
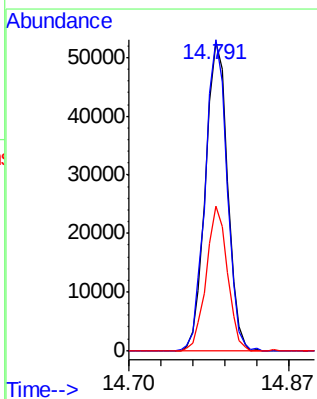
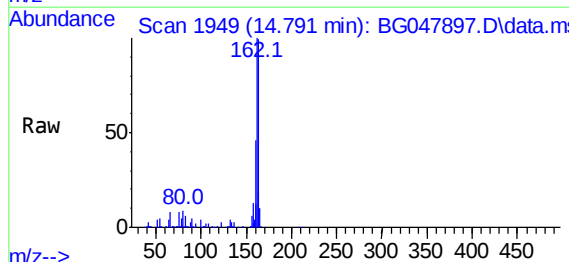
Instrument :
BNA_G
ClientSampleId :
TP-4

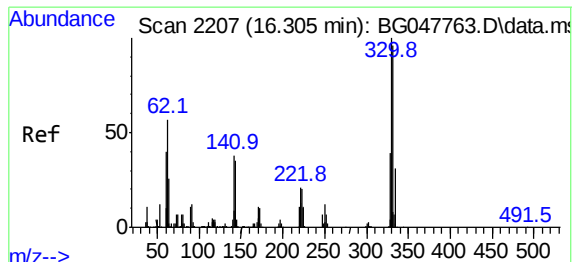
Tgt Ion: 82 Resp: 320998
Ion Ratio Lower Upper
82 100
128 32.4 37.0 55.6#
54 49.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.791 min Scan# 1949
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion: 164 Resp: 80375
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 46.8 35.3 52.9

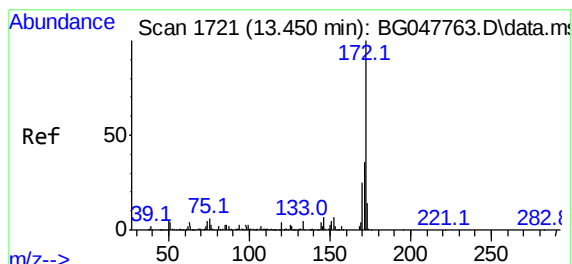
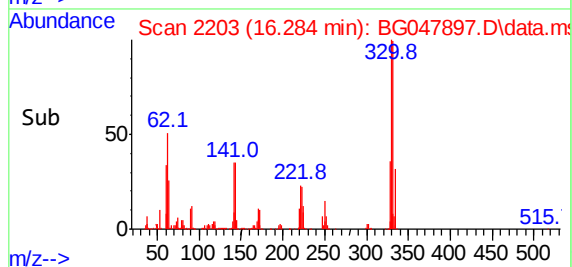
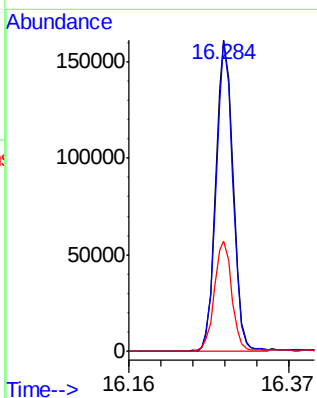
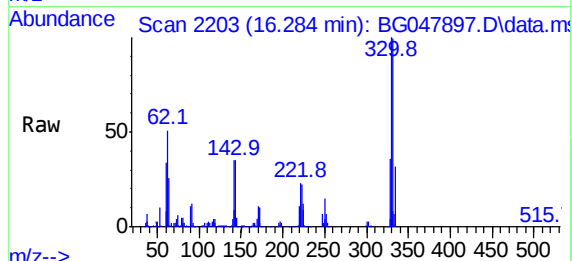




#42
2,4,6-Tribromophenol
Concen: 184.60 ng
RT: 16.284 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

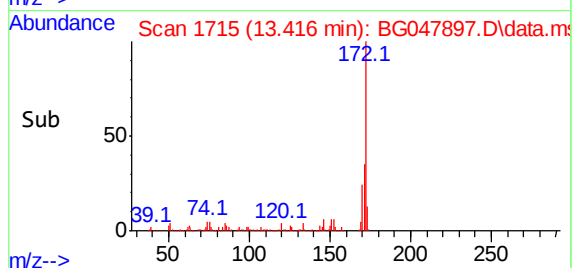
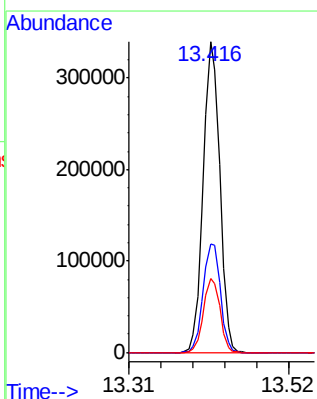
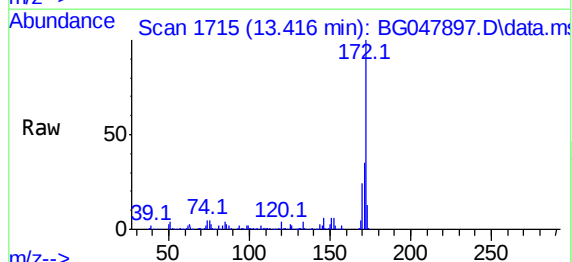
Instrument :
BNA_G
ClientSampleId :
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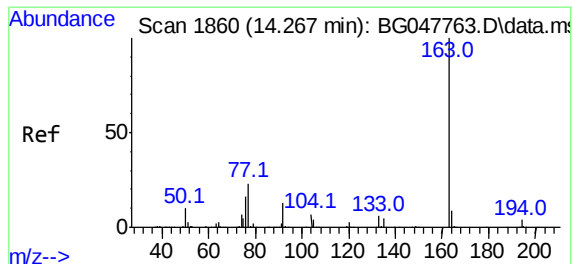
Tgt Ion:330 Resp: 253296
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 84.09 ng
RT: 13.416 min Scan# 1715
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:172 Resp: 522316
Ion Ratio Lower Upper
172 100
171 35.1 31.3 46.9
170 23.7 20.8 31.2

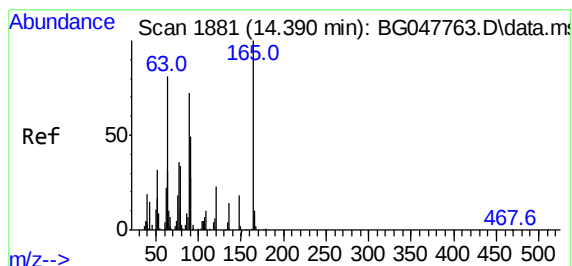
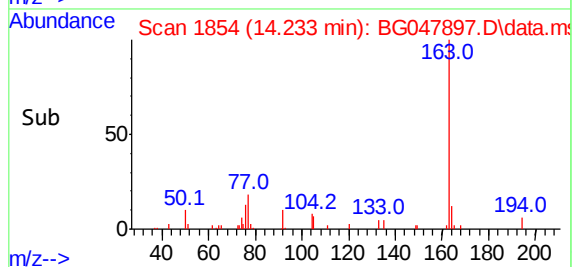
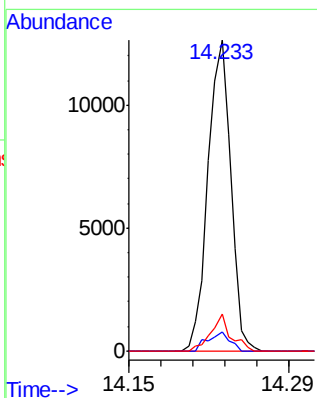
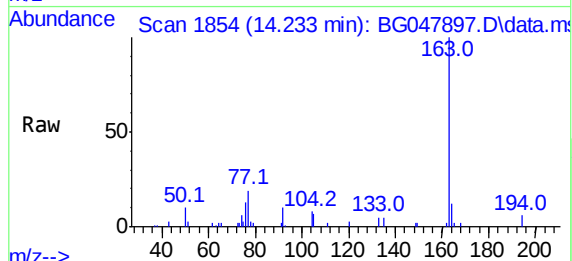




#50
Dimethylphthalate
Concen: 2.54 ng
RT: 14.233 min Scan# 1854
Delta R.T. -0.010 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

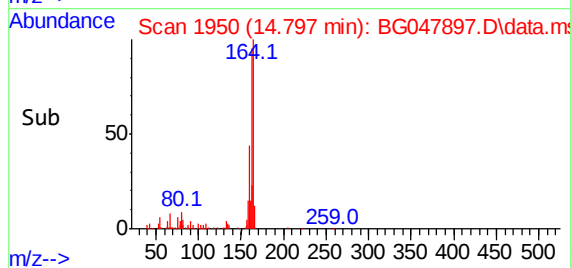
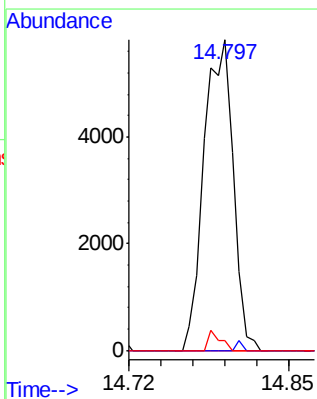
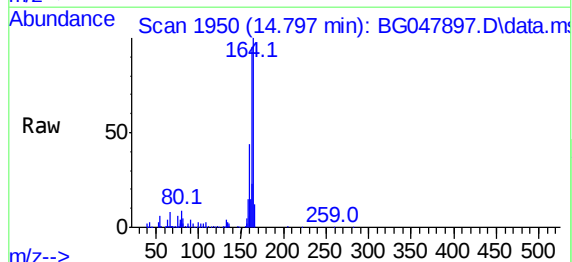
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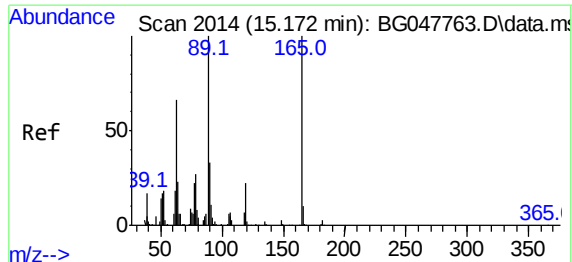
Tgt Ion:163 Resp: 17614
Ion Ratio Lower Upper
163 100
194 5.9 3.8 5.8#
164 11.7 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 14.797 min Scan# 1950
Delta R.T. 0.437 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:165 Resp: 9783
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.1 36.6 54.8#

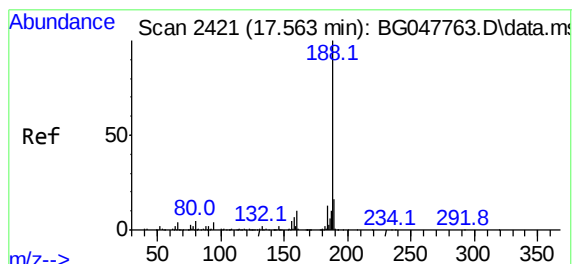
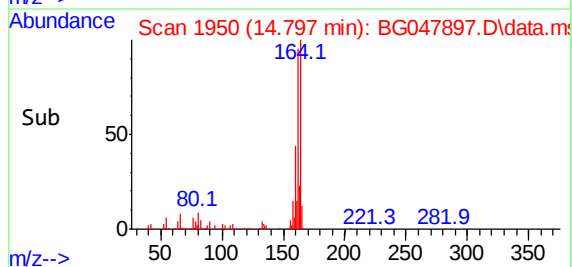
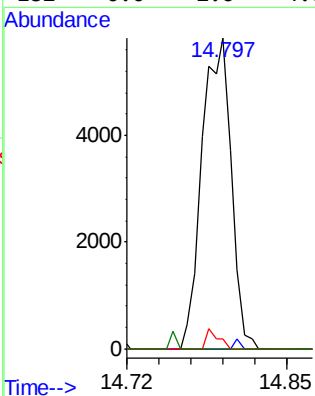
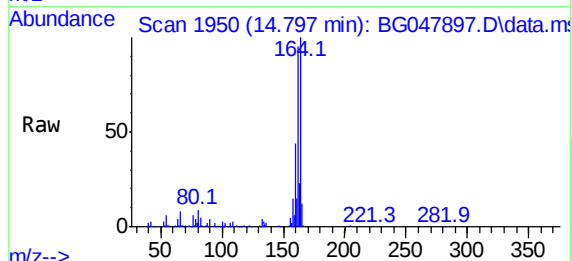




#57
2,4-Dinitrotoluene
Concen: 4.67 ng
RT: 14.797 min Scan# 1950
Delta R.T. -0.351 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

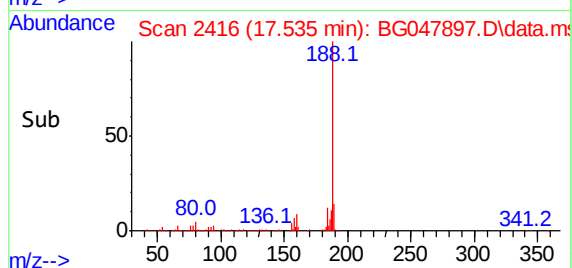
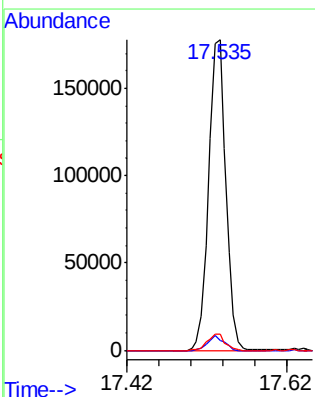
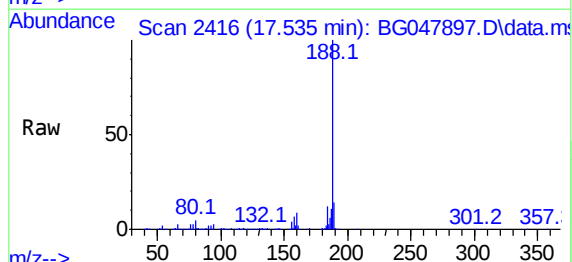
Instrument :
BNA_G
ClientSampleId :
TP-4

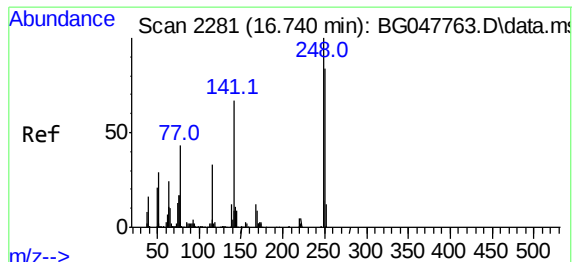
Tgt Ion:165 Resp: 9783
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 3.1 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.535 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:188 Resp: 267855
Ion Ratio Lower Upper
188 100
94 3.4 6.3 9.5#
80 5.4 7.0 10.6#

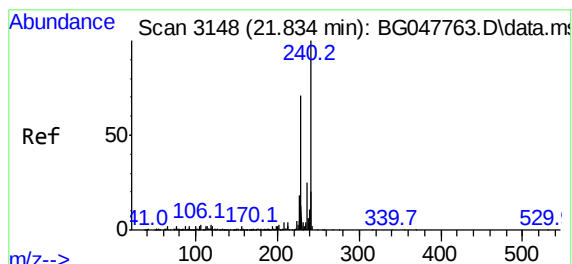
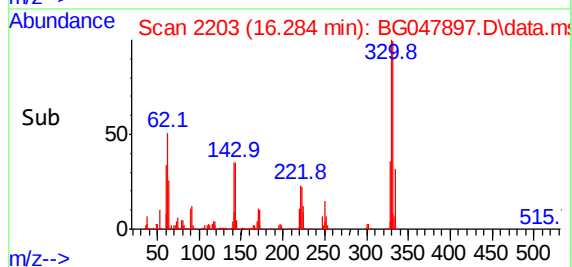
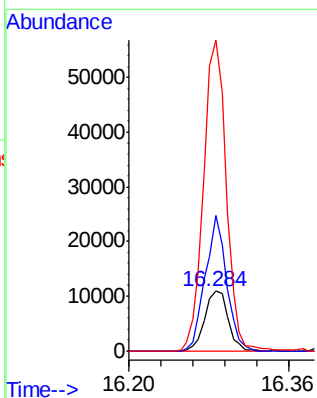
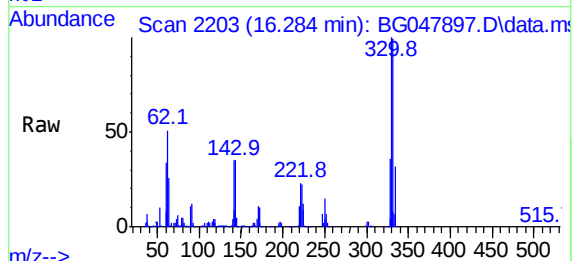




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.284 min Scan# 2203
Delta R.T. -0.433 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

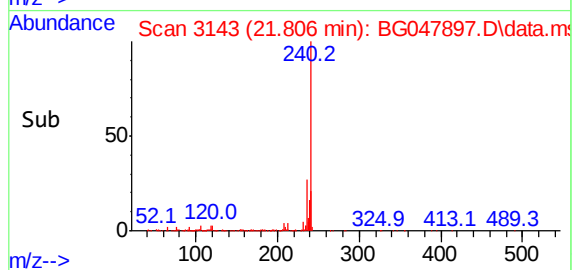
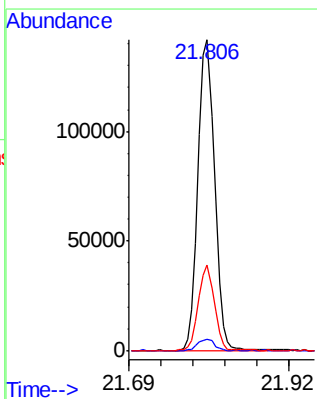
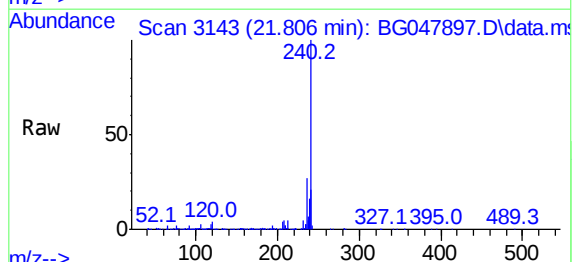
Instrument :
BNA_G
ClientSampleId :
TP-4

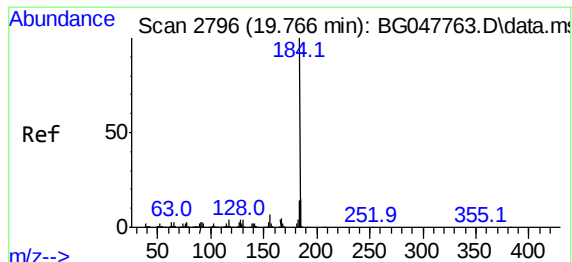
Tgt Ion:248 Resp: 17637
Ion Ratio Lower Upper
248 100
250 228.2 78.9 118.3#
141 523.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.806 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG047897.D
Acq: 8 Jan 2021 22:05

Tgt Ion:240 Resp: 238813
Ion Ratio Lower Upper
240 100
120 3.6 6.2 9.4#
236 27.4 20.5 30.7





#77

Benzidine

Concen: 3.56 ng

RT: 20.126 min Scan# 2857

Delta R.T. 0.378 min

Lab File: BG047897.D

Acq: 8 Jan 2021 22:05

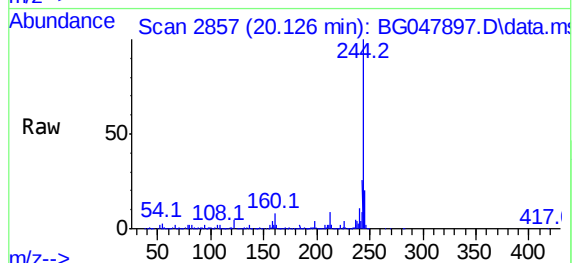
Tgt Ion:184 Resp: 22833

Ion Ratio Lower Upper

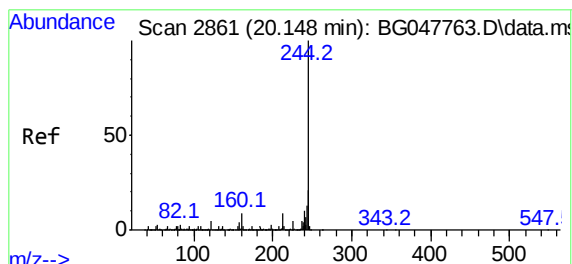
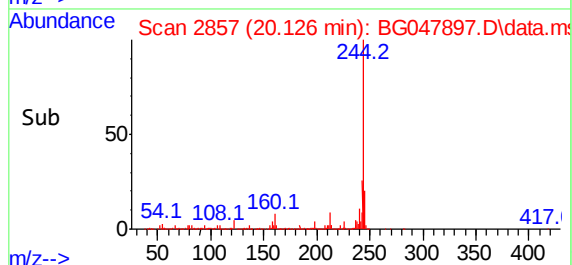
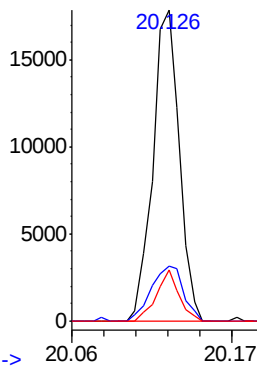
184 100

185 17.5 12.4 18.6

183 16.3 10.6 15.8#



Abundance



#79

Terphenyl-d14

Concen: 77.22 ng

RT: 20.126 min Scan# 2857

Delta R.T. 0.002 min

Lab File: BG047897.D

Acq: 8 Jan 2021 22:05

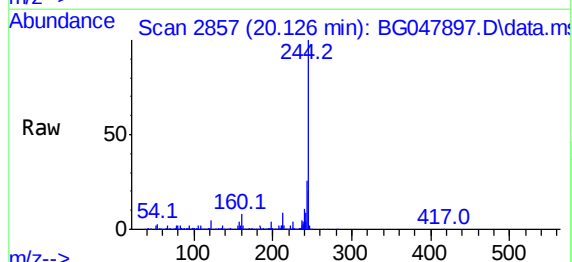
Tgt Ion:244 Resp: 1119089

Ion Ratio Lower Upper

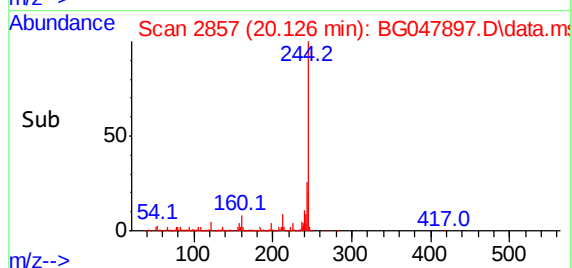
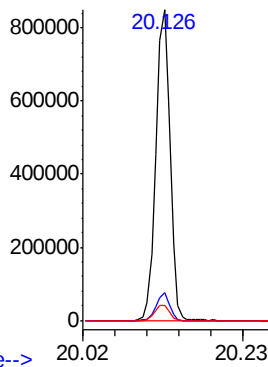
244 100

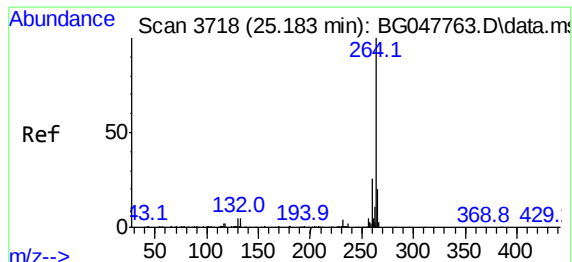
212 9.0 6.7 10.1

122 4.8 7.8 11.6#



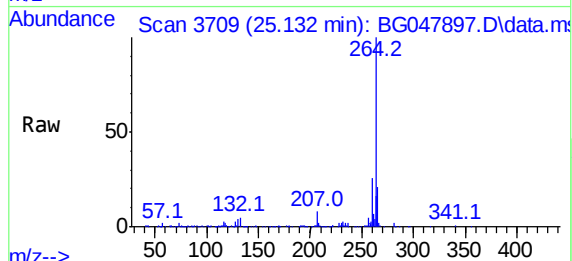
Abundance





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.132 min Scan# 3709
 Delta R.T. -0.004 min
 Lab File: BG047897.D
 Acq: 8 Jan 2021 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-4



Tgt Ion:264 Resp: 236423

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.8	28.2
265	21.3	17.8	26.8

