

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047858.D
 Acq On : 31 Dec 2020 21:35
 Operator : CG/JU
 Sample : L5242-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7(434+26)

Quant Time: Dec 31 23:50:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

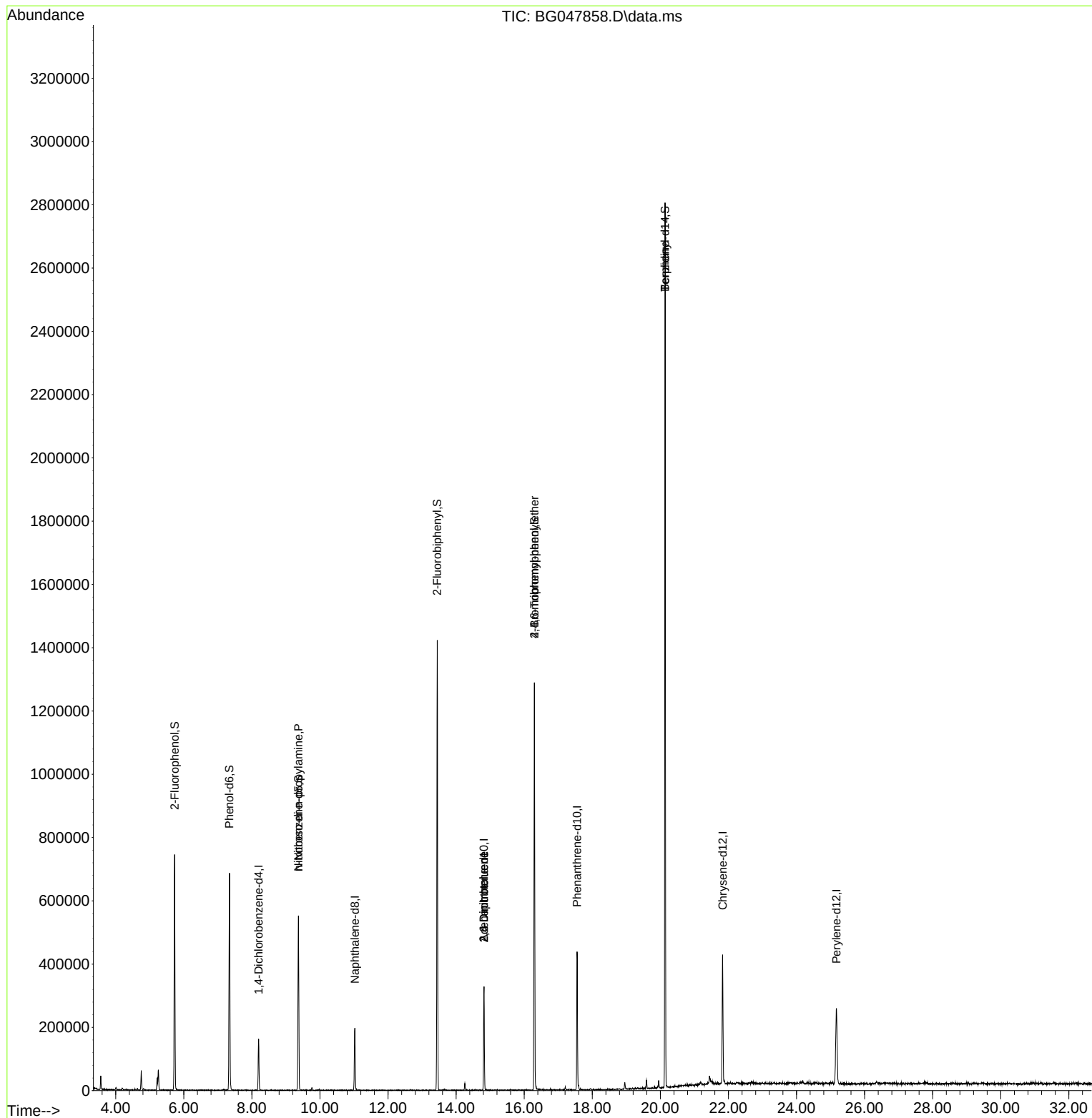
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	38476	20.00	ng	# 0.00
21) Naphthalene-d8	11.024	136	149233	20.00	ng	# 0.00
39) Acenaphthene-d10	14.820	164	114796	20.00	ng	0.00
64) Phenanthrene-d10	17.552	188	279388	20.00	ng	#-0.01
76) Chrysene-d12	21.829	240	264864	20.00	ng	# 0.00
86) Perylene-d12	25.172	264	267822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	259934	116.87	ng	0.00
7) Phenol-d6	7.340	99	323098	99.37	ng	0.00
23) Nitrobenzene-d5	9.367	82	319409	78.73	ng	0.00
42) 2,4,6-Tribromophenol	16.301	330	232644	118.71	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	689742	77.75	ng	0.00
79) Terphenyl-d14	20.137	244	1182268	73.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.367	70	51635	22.82	ng	# 82
51) 2,6-Dinitrotoluene	14.820	165	14496	7.21	ng	# 34
57) 2,4-Dinitrotoluene	14.820	165	14496	4.85	ng	# 32
67) 4-Bromophenyl-phenylether	16.301	248	16347	4.35	ng	# 1
70) Pentachlorophenol	17.329	266	56	Below Cal		# 19
77) Benzydine	20.137	184	25385	3.56	ng	# 93

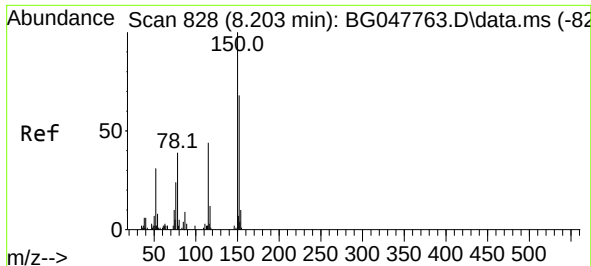
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

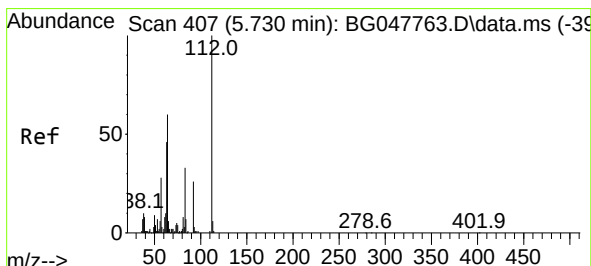
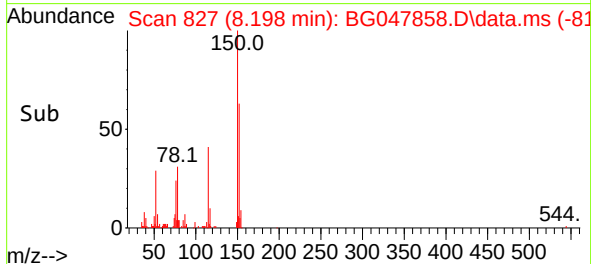
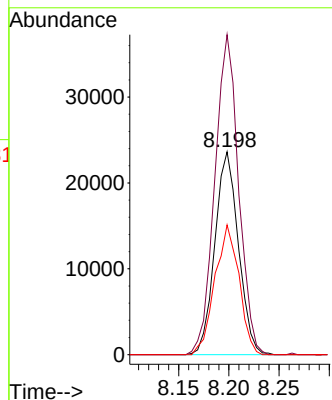
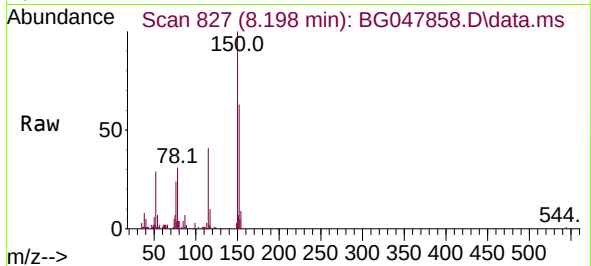




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 827
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

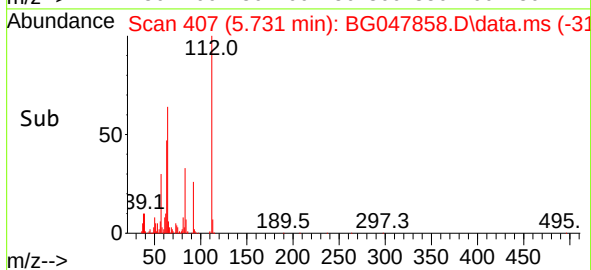
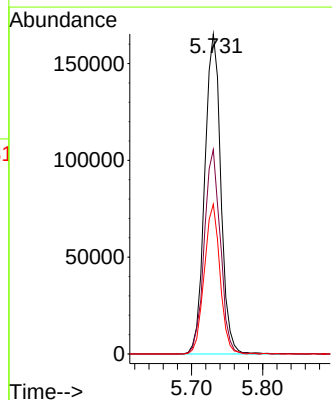
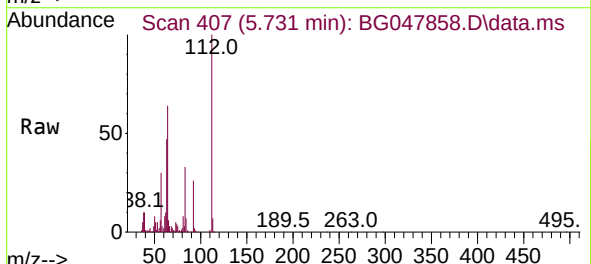
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

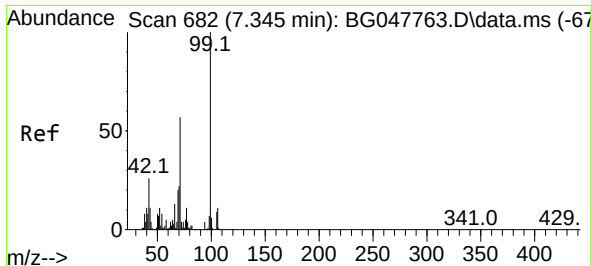
Tgt Ion:152 Resp: 38476
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.6
115 64.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 116.87 ng
RT: 5.731 min Scan# 407
Delta R.T. 0.001 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion:112 Resp: 259934
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 46.8 22.8 34.2#

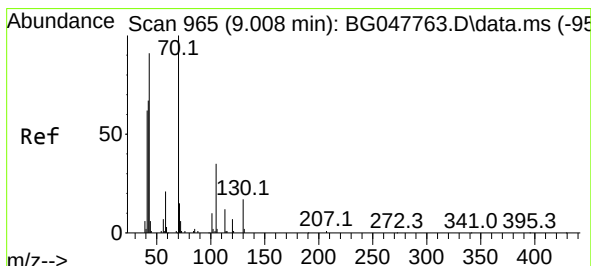
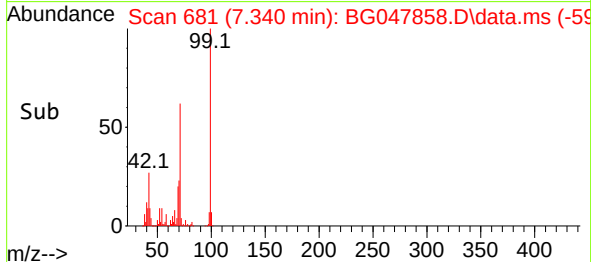
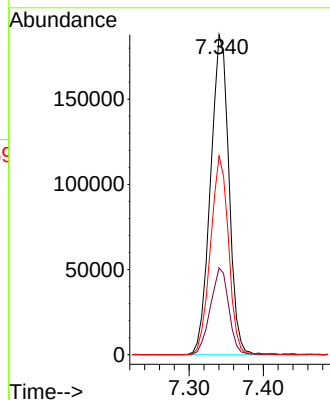
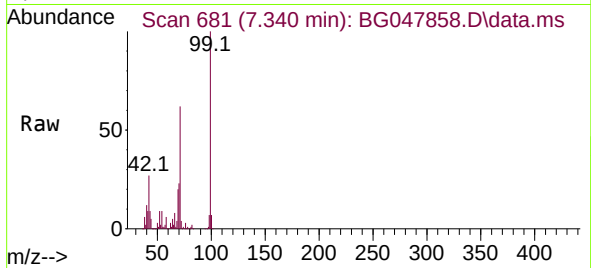




#7
Phenol-d6
Concen: 99.37 ng
RT: 7.340 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

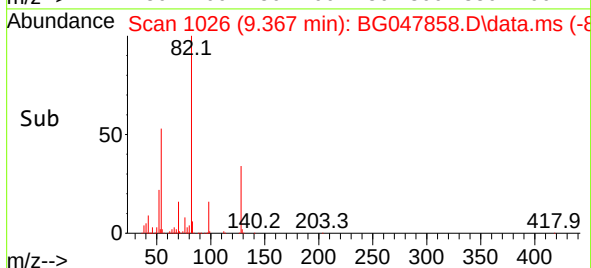
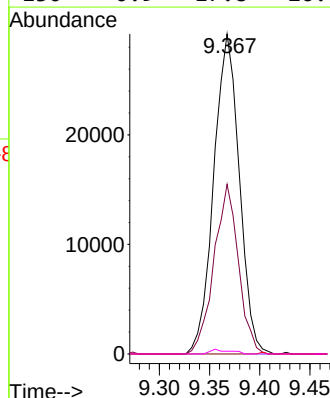
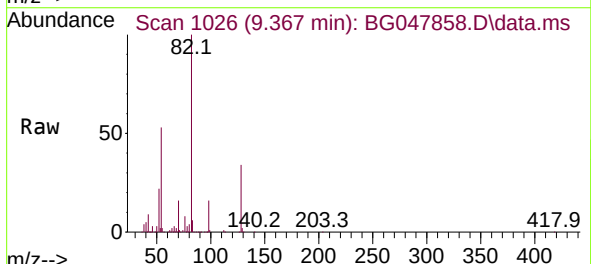
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

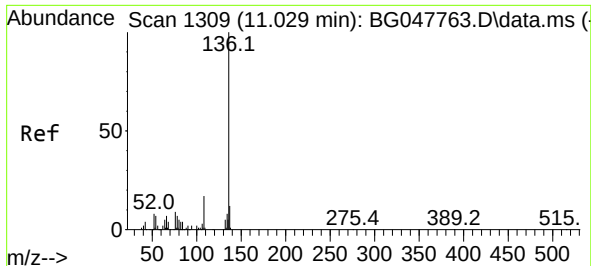
Tgt Ion: 99 Resp: 323098
Ion Ratio Lower Upper
99 100
42 27.1 12.8 19.2#
71 62.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.82 ng
RT: 9.367 min Scan# 1026
Delta R.T. 0.359 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion: 70 Resp: 51635
Ion Ratio Lower Upper
70 100
42 53.0 45.6 68.4
101 0.0 8.4 12.6#
130 0.9 17.8 26.8#

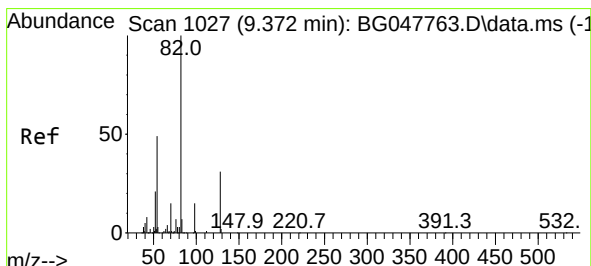
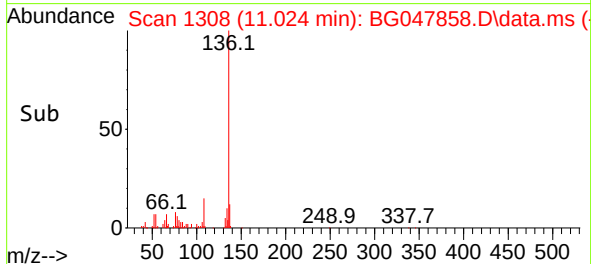
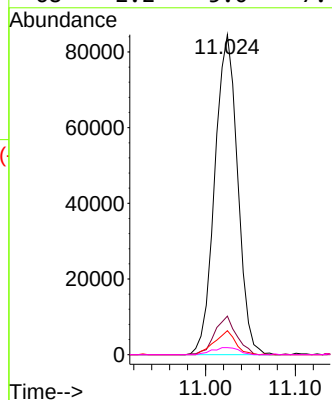
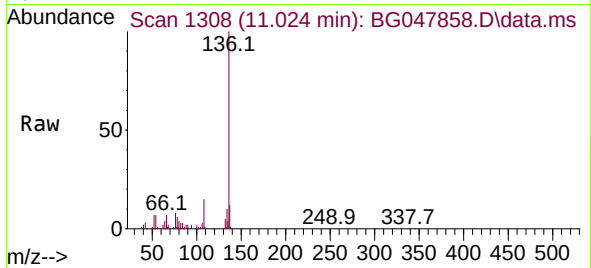




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.024 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

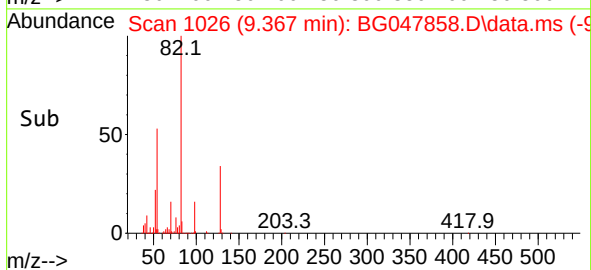
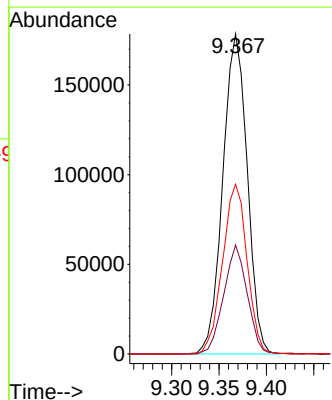
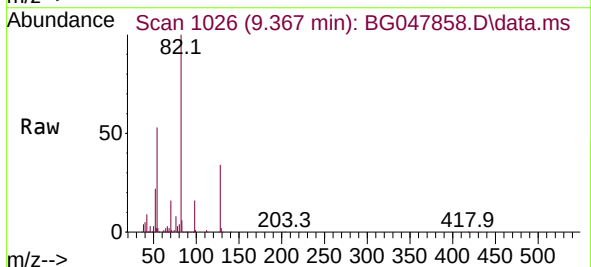
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

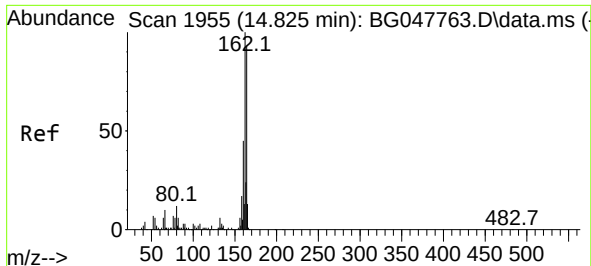
Tgt Ion:	136	Resp:	149233
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.1	13.7
54	7.5	6.2	9.4
68	2.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 78.73 ng
RT: 9.367 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion:	82	Resp:	319409
Ion Ratio	Lower	Upper	
82	100		
128	34.0	37.0	55.6#
54	53.1	39.0	58.4

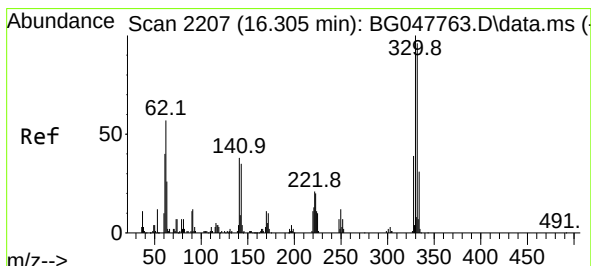
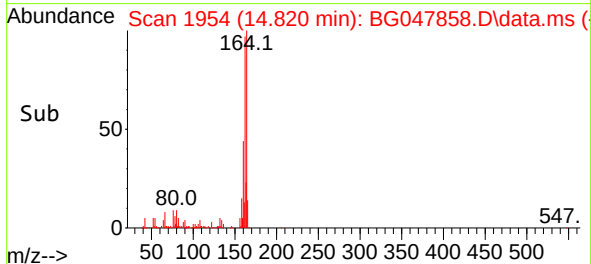
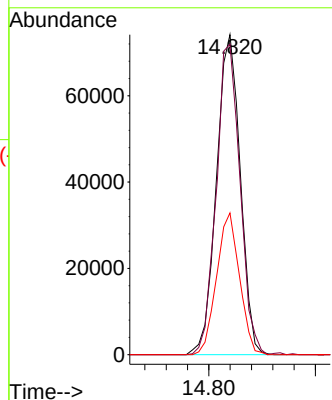
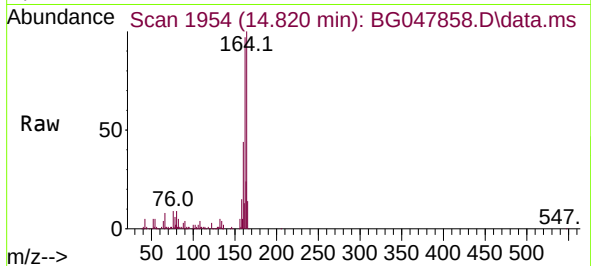




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.820 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

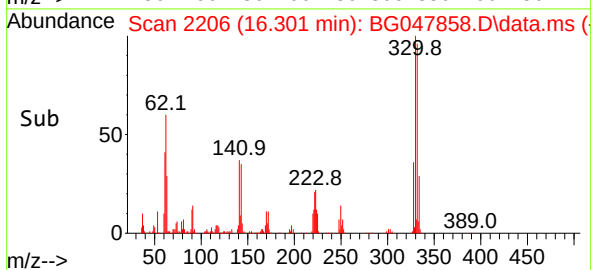
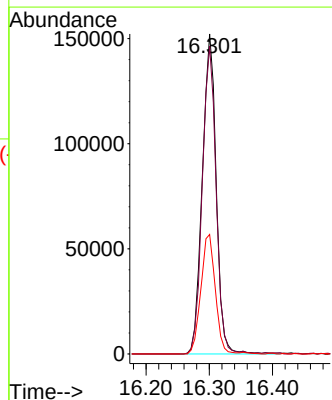
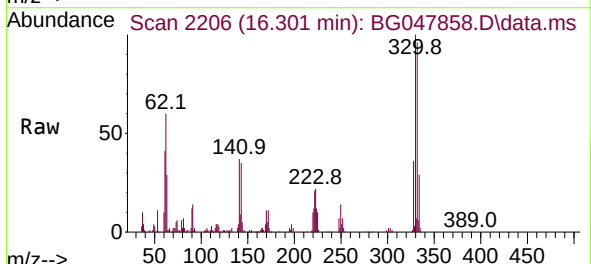
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

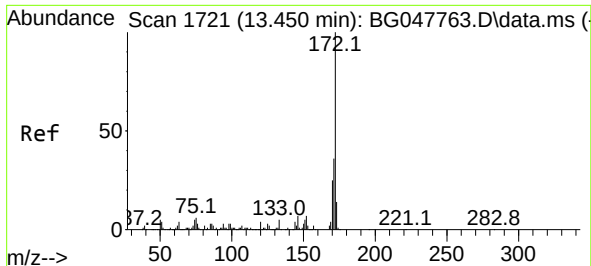
Tgt Ion:164 Resp: 114796
Ion Ratio Lower Upper
164 100
162 97.0 82.3 123.5
160 44.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 118.71 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion:330 Resp: 232644
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 38.5 26.0 39.0

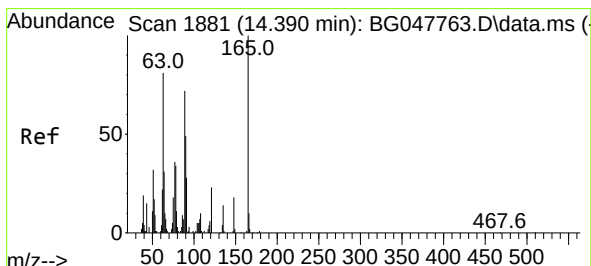
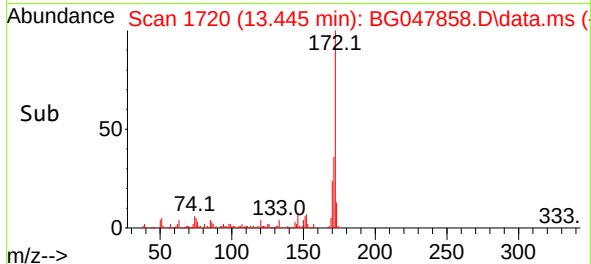
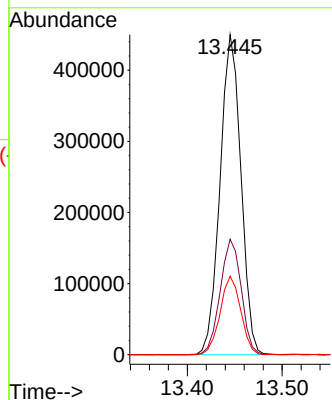
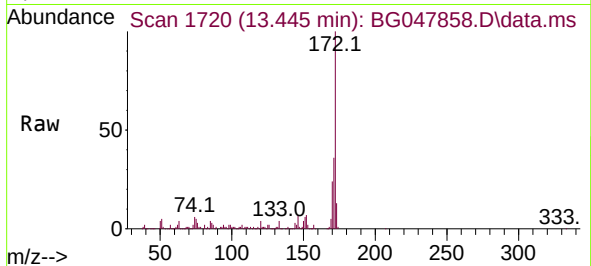




#45
2-Fluorobiphenyl
Concen: 77.75 ng
RT: 13.445 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

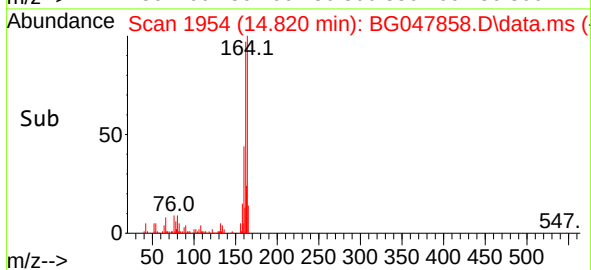
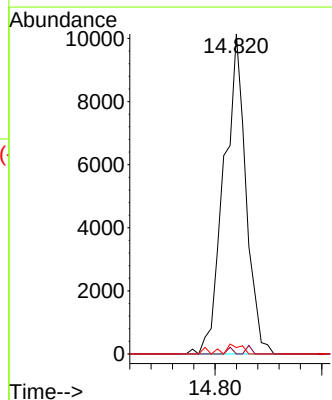
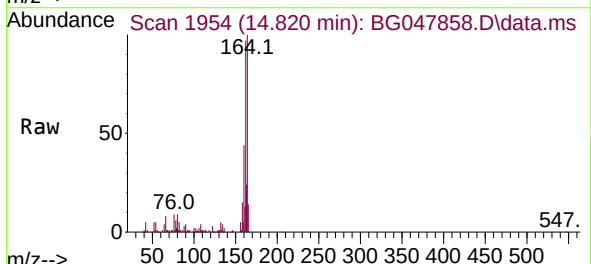
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ClientSampleId :
SAMPLE-7(434+26)

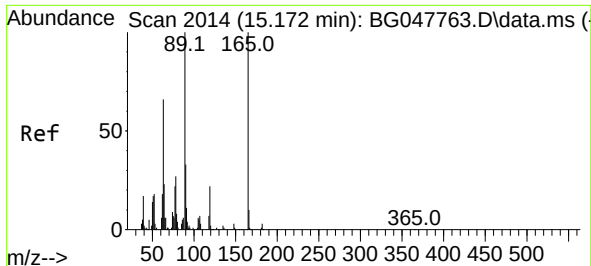
Tgt Ion:172 Resp: 689742
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.21 ng
RT: 14.820 min Scan# 1954
Delta R.T. 0.430 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

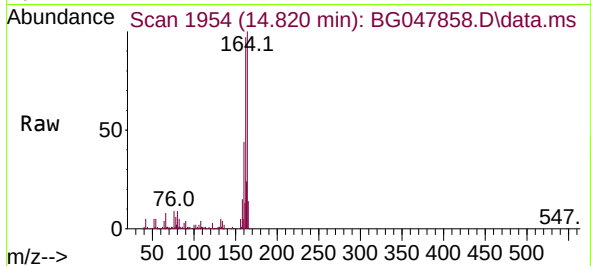
Tgt Ion:165 Resp: 14496
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#



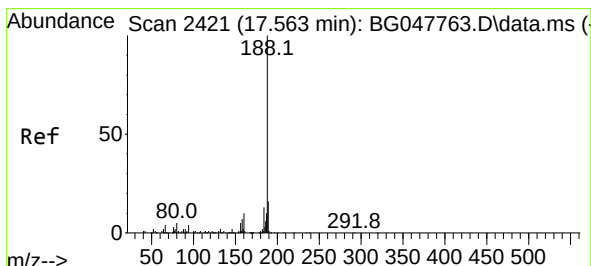
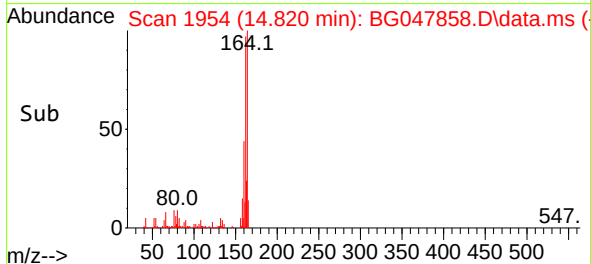
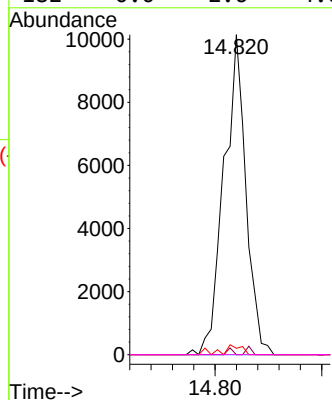


#57
2,4-Dinitrotoluene
Concen: 4.85 ng
RT: 14.820 min Scan# 1954
Delta R.T. -0.352 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

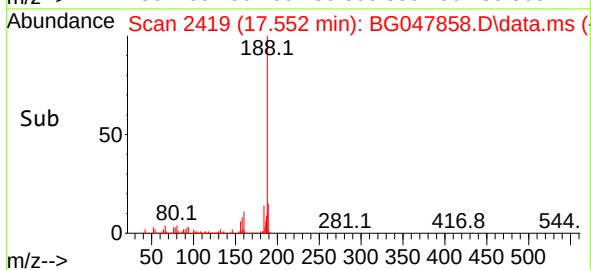
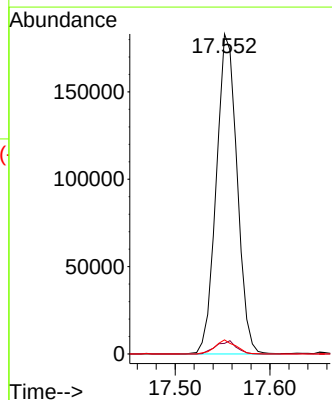
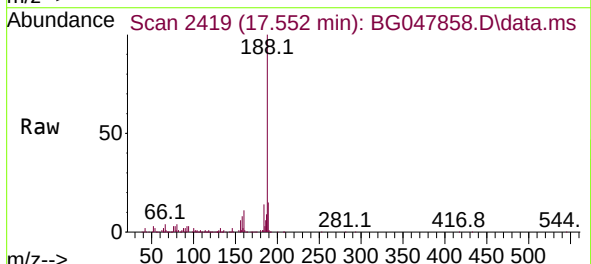


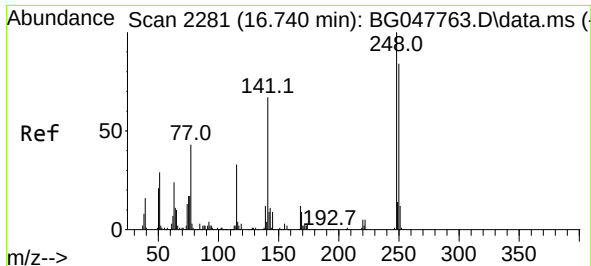
Tgt Ion:165 Resp: 14496
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.552 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion:188 Resp: 279388
Ion Ratio Lower Upper
188 100
94 3.3 6.3 9.5#
80 4.4 7.0 10.6#

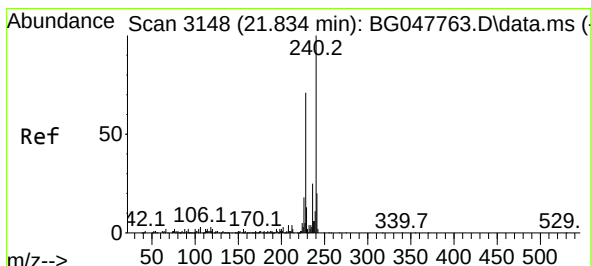
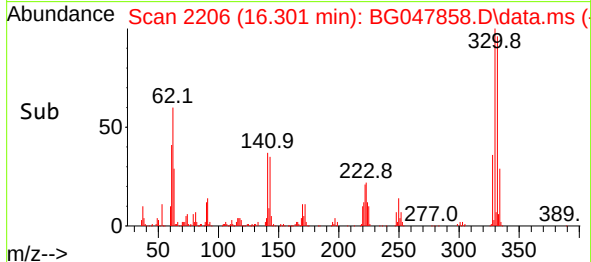
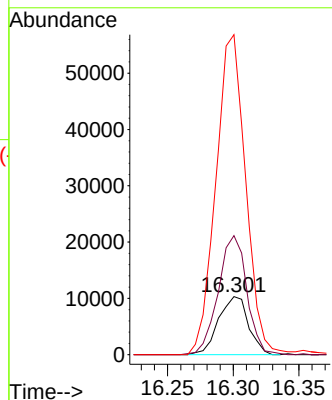
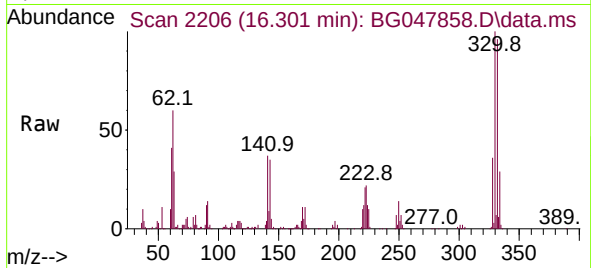




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.440 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

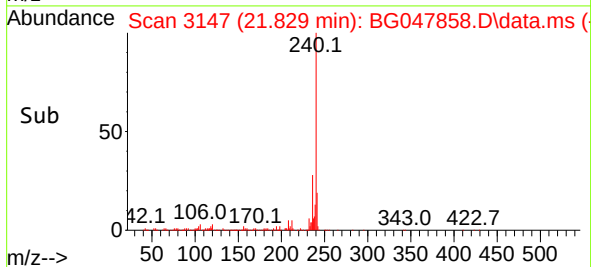
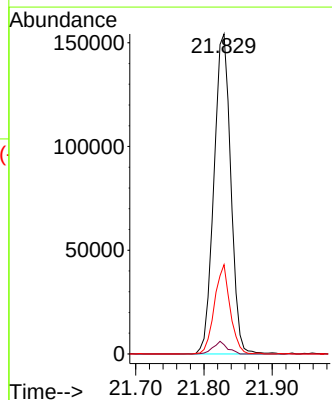
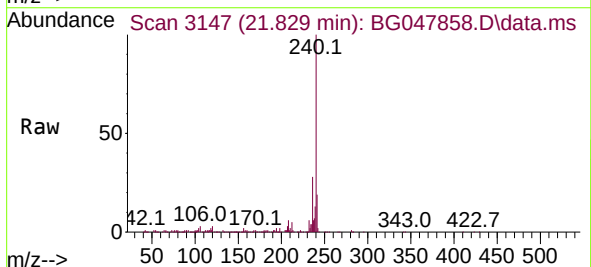
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)

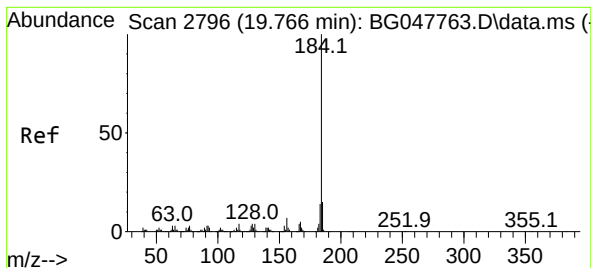
Tgt Ion:248 Resp: 16347
Ion Ratio Lower Upper
248 100
250 204.8 78.9 118.3#
141 550.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.829 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG047858.D
Acq: 31 Dec 2020 21:35

Tgt Ion:240 Resp: 264864
Ion Ratio Lower Upper
240 100
120 2.9 6.2 9.4#
236 27.9 20.5 30.7





#77

Benzidine

Concen: 3.56 ng

RT: 20.137 min Scan# 2859

Delta R.T. 0.371 min

Lab File: BG047858.D

Acq: 31 Dec 2020 21:35

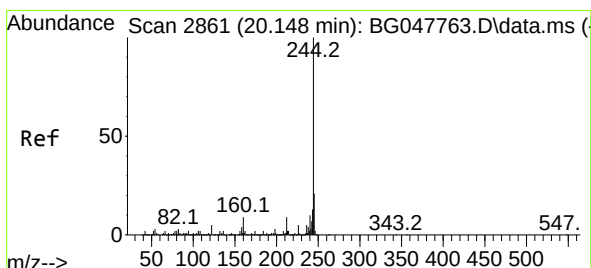
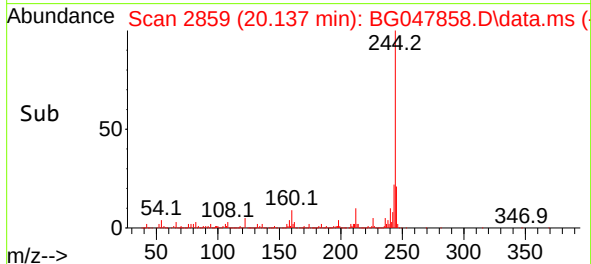
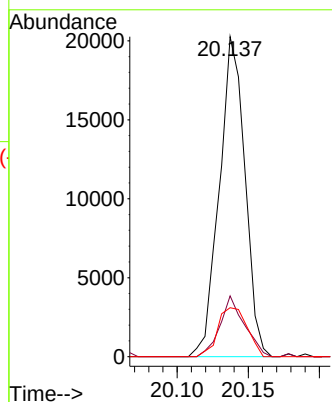
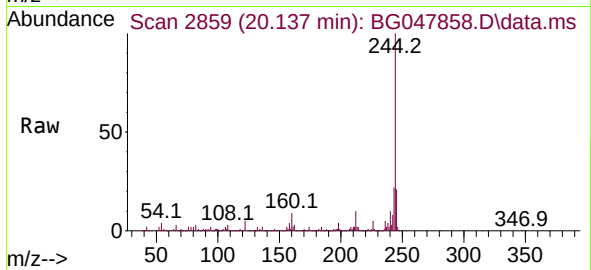
Tgt Ion:184	Resp:	25385
Ion Ratio	Lower	Upper
184	100	
185	19.0	12.4 18.6#
183	15.3	10.6 15.8

Instrument :

BNA_G

ClientSampleId :

SAMPLE-7(434+26)



#79

Terphenyl-d14

Concen: 73.55 ng

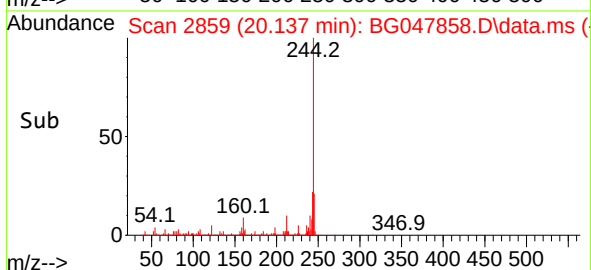
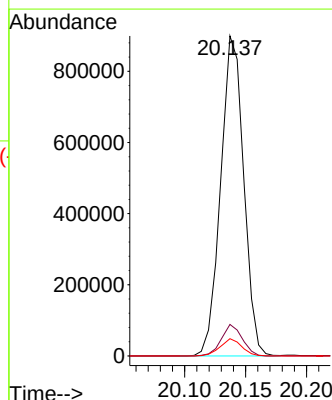
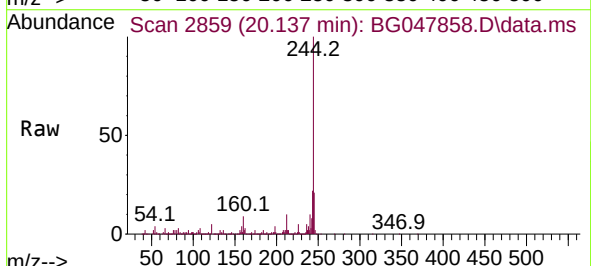
RT: 20.137 min Scan# 2859

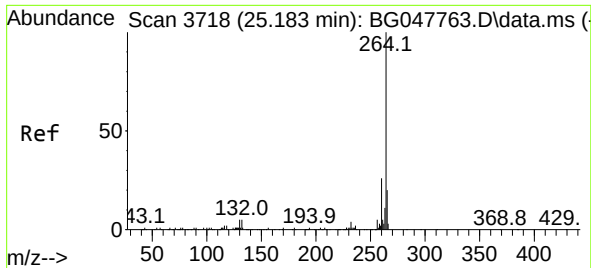
Delta R.T. -0.011 min

Lab File: BG047858.D

Acq: 31 Dec 2020 21:35

Tgt Ion:244	Resp:	1182268
Ion Ratio	Lower	Upper
244	100	
212	9.8	6.7 10.1
122	5.4	7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.172 min Scan# 3716
 Delta R.T. -0.011 min
 Lab File: BG047858.D
 Acq: 31 Dec 2020 21:35

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7(434+26)

Tgt Ion:264 Resp: 267822
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 20.5 17.8 26.8

