

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047849.D
 Acq On : 31 Dec 2020 15:31
 Operator : CG/JU
 Sample : PB133886BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133886BL

Quant Time: Dec 31 16:15:56 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)

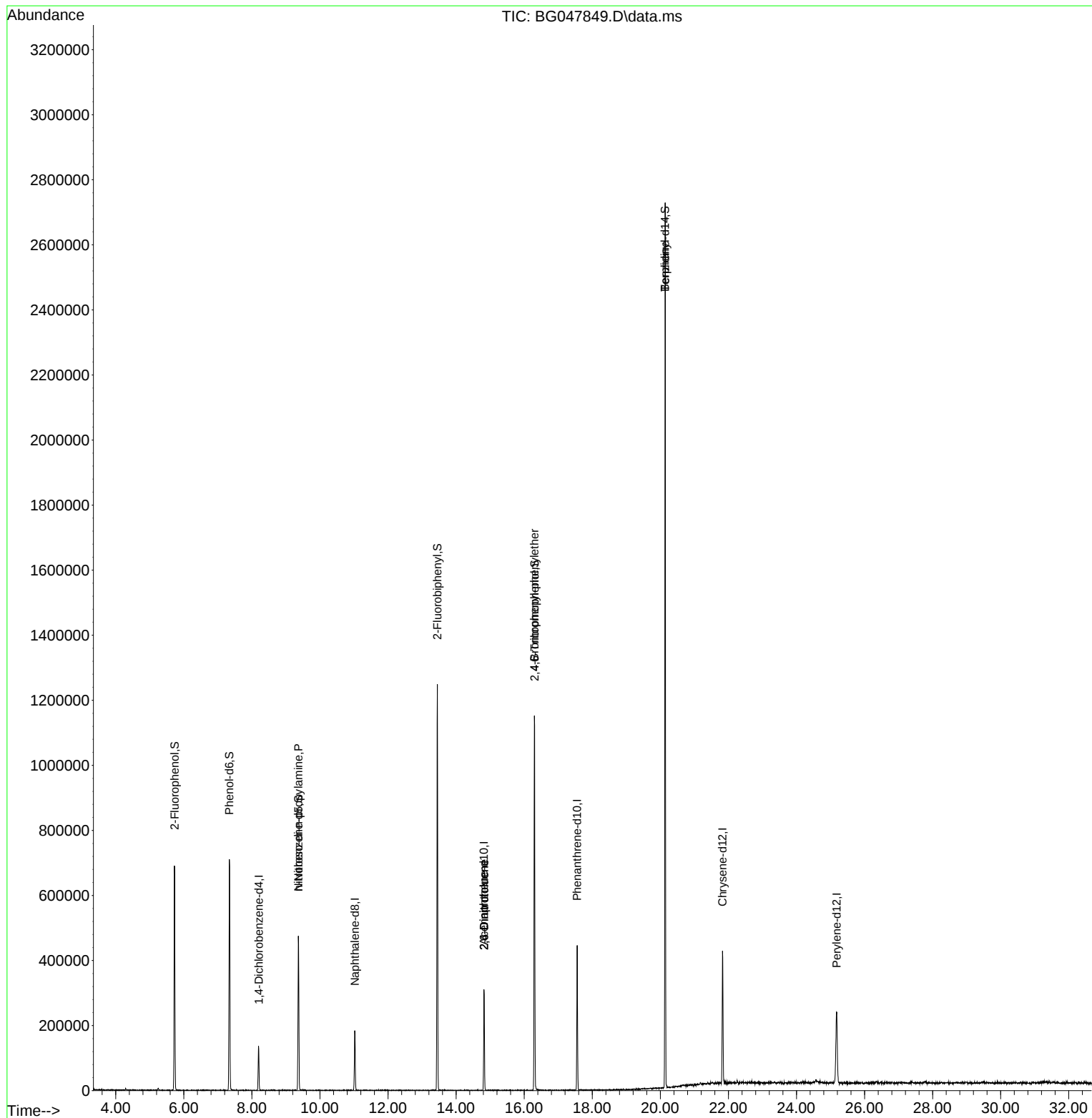
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	33599	20.00	ng	0.00
21) Naphthalene-d8	11.023	136	139530	20.00	ng	# 0.00
39) Acenaphthene-d10	14.818	164	109010	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	273842	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	262037	20.00	ng	# 0.00
86) Perylene-d12	25.182	264	257180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	245587	126.45	ng	0.00
7) Phenol-d6	7.339	99	340427	119.90	ng	0.00
23) Nitrobenzene-d5	9.366	82	271088	71.46	ng	0.00
42) 2,4,6-Tribromophenol	16.305	330	214822	115.43	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	605209	71.84	ng	0.00
79) Terphenyl-d14	20.141	244	1134378	71.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.366	70	44252	22.40	ng	# 80
51) 2,6-Dinitrotoluene	14.824	165	15252	7.98	ng	# 34
57) 2,4-Dinitrotoluene	14.824	165	15252	5.37	ng	# 32
67) 4-Bromophenyl-phenylether	16.299	248	14731	4.00	ng	# 1
70) Pentachlorophenol	17.380	266	67	Below Cal		# 19
77) Benzidine	20.141	184	27203	3.86	ng	95

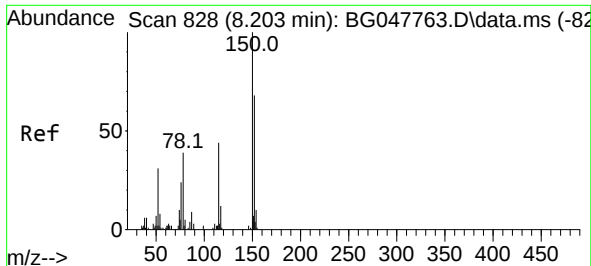
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047849.D
Acq On : 31 Dec 2020 15:31
Operator : CG/JU
Sample : PB133886BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB133886BL

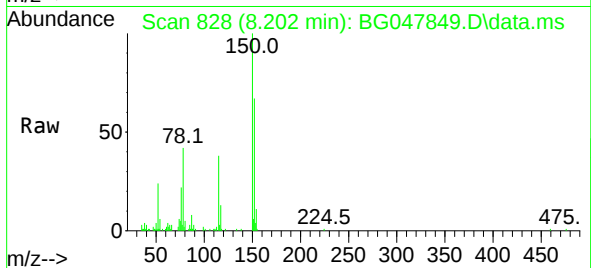
Quant Time: Dec 31 16:15:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration



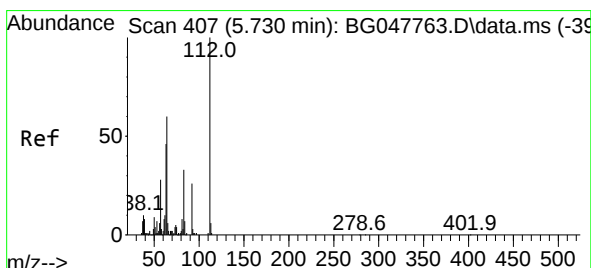
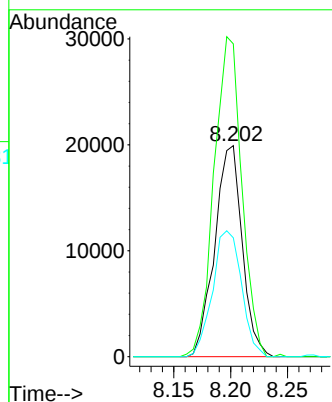
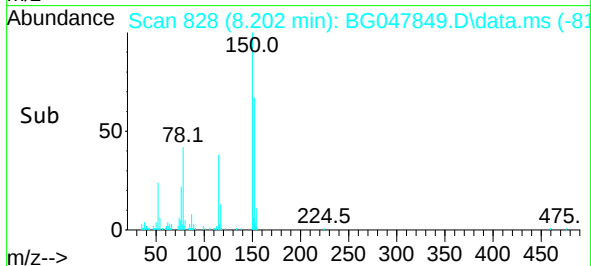


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.202 min Scan# 828
Delta R.T. -0.001 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

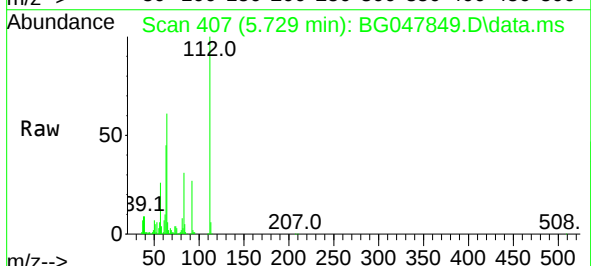
Instrument :
BNA_G
ClientSampleId :
PB133886BL



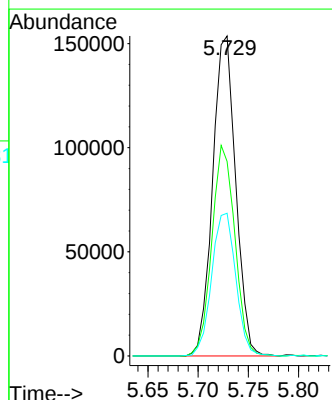
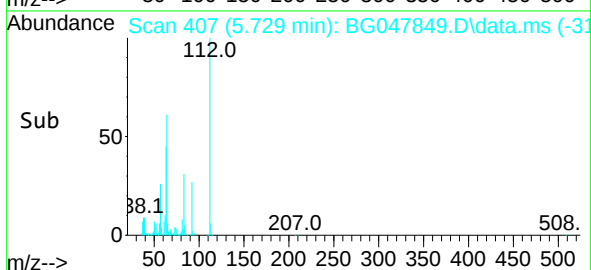
Tgt Ion:152 Resp: 33599
Ion Ratio Lower Upper
152 100
150 148.3 125.0 187.6
115 56.3 41.8 62.6

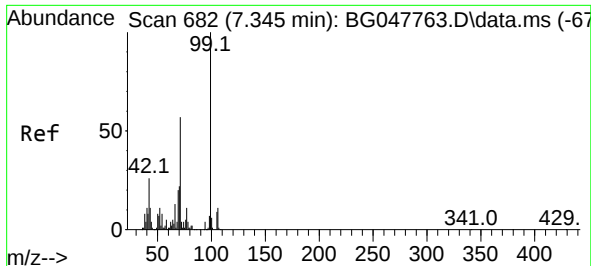


#5
2-Fluorophenol
Concen: 126.45 ng
RT: 5.729 min Scan# 407
Delta R.T. -0.001 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31



Tgt Ion:112 Resp: 245587
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 44.6 22.8 34.2#

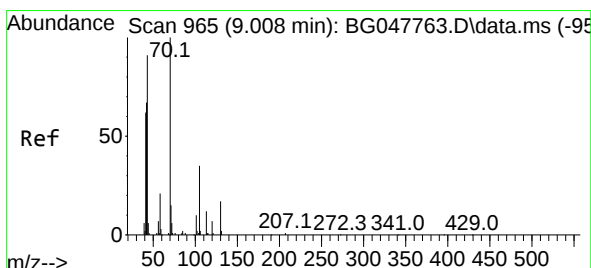
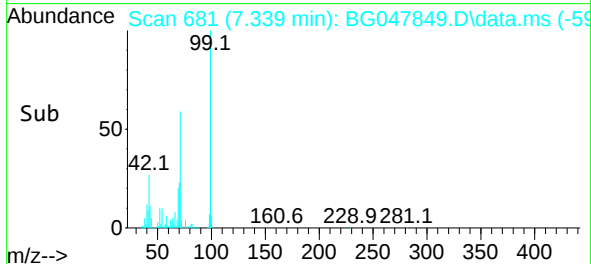
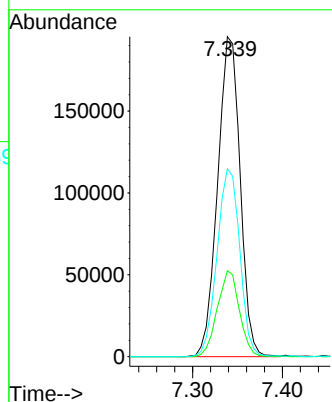
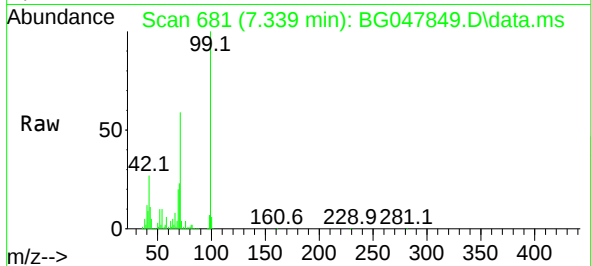




#7
Phenol-d6
Concen: 119.90 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

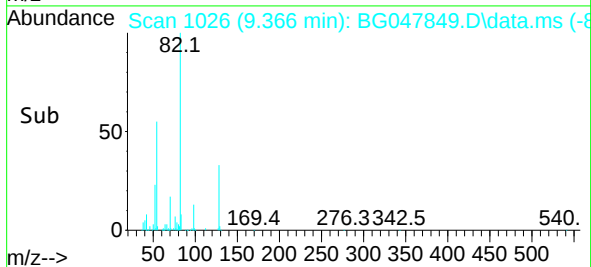
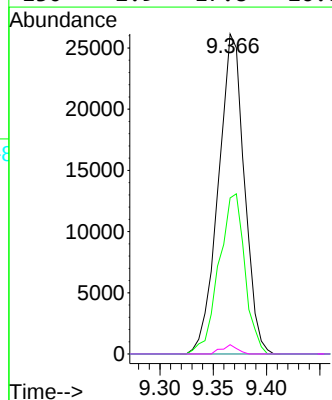
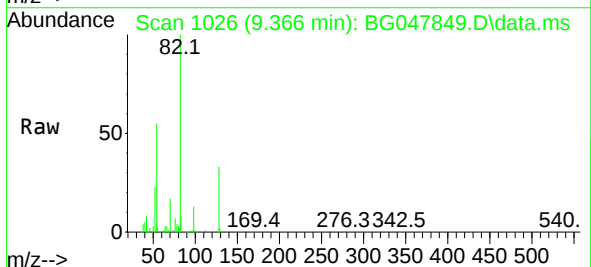
Instrument :
BNA_G
ClientSampleId :
PB133886BL

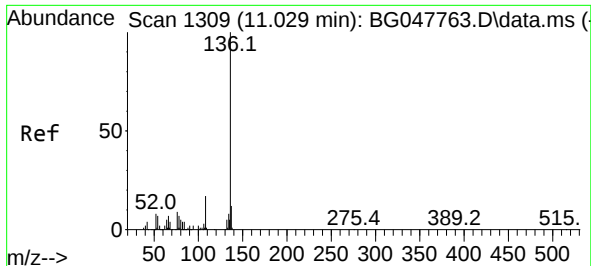
Tgt Ion: 99 Resp: 340427
Ion Ratio Lower Upper
99 100
42 26.8 12.8 19.2#
71 58.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.40 ng
RT: 9.366 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Tgt Ion: 70 Resp: 44252
Ion Ratio Lower Upper
70 100
42 48.7 45.6 68.4
101 0.0 8.4 12.6#
130 2.9 17.8 26.8#

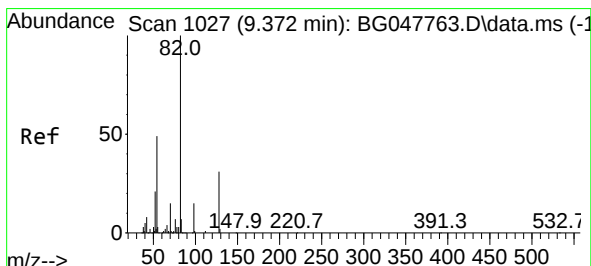
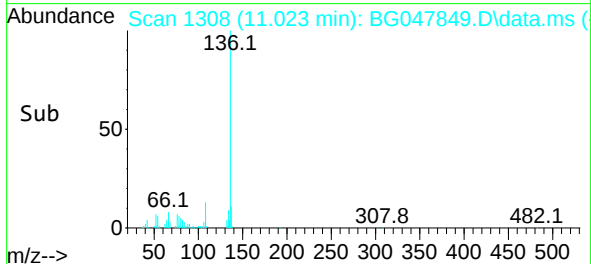
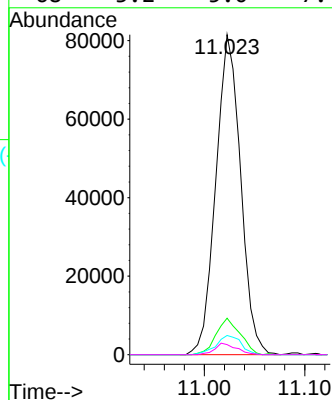
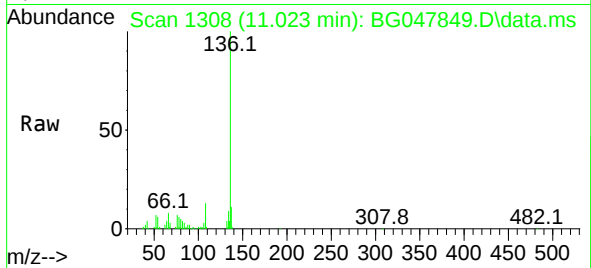




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

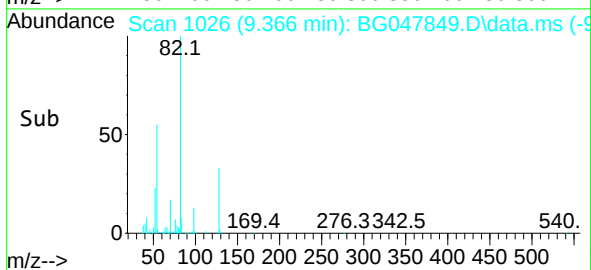
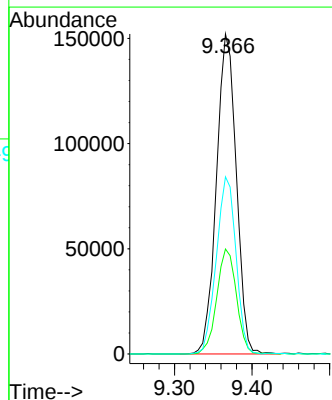
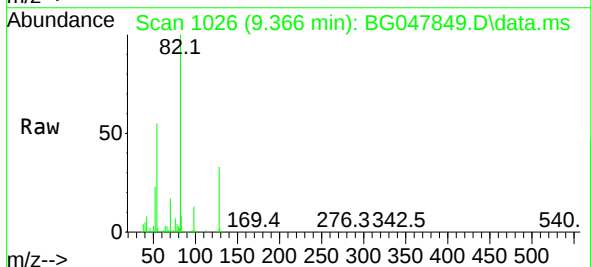
Instrument :
BNA_G
ClientSampleId :
PB133886BL

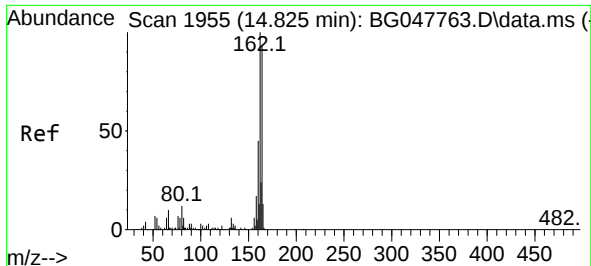
Tgt Ion:136	Resp:	139530
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	6.0	6.2 9.4#
68	3.2	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 71.46 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

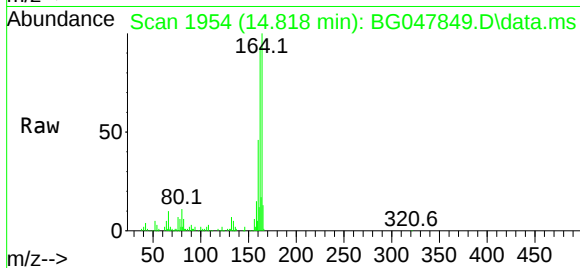
Tgt Ion: 82	Resp:	271088
Ion Ratio	Lower	Upper
82	100	
128	32.8	37.0 55.6#
54	55.4	39.0 58.4



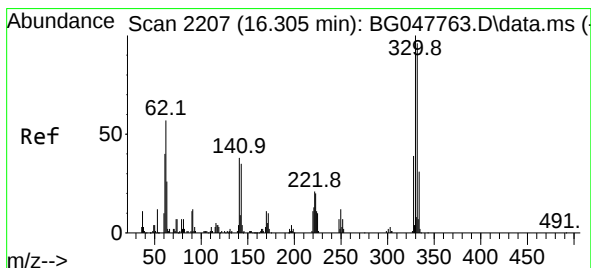
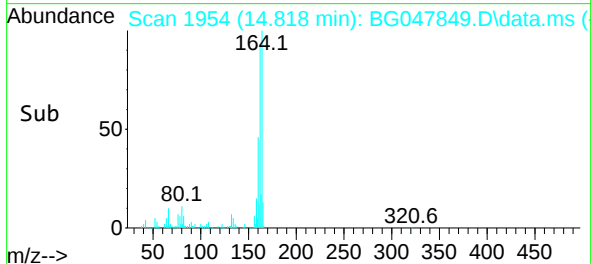
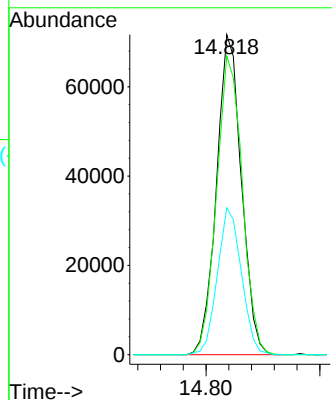


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.818 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Instrument :
BNA_G
ClientSampleId :
PB133886BL

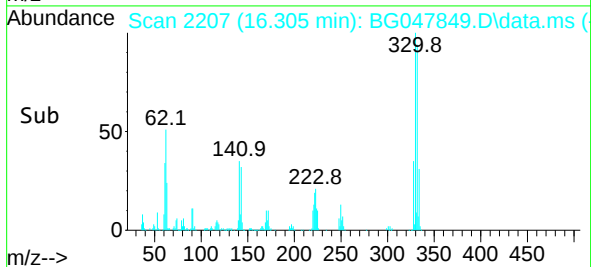
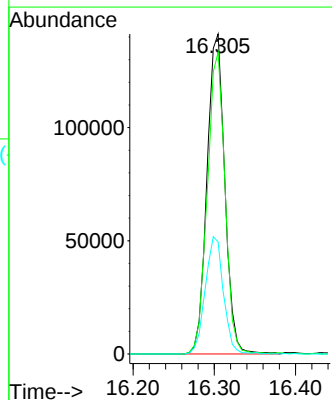
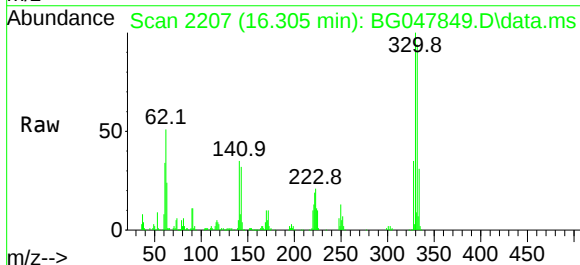


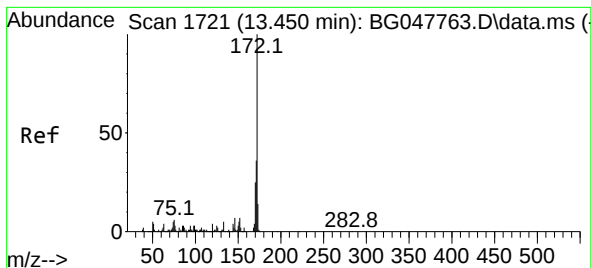
Tgt Ion:164 Resp: 109010
Ion Ratio Lower Upper
164 100
162 93.4 82.3 123.5
160 45.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 115.43 ng
RT: 16.305 min Scan# 2207
Delta R.T. -0.001 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Tgt Ion:330 Resp: 214822
Ion Ratio Lower Upper
330 100
332 93.7 76.5 114.7
141 37.5 26.0 39.0

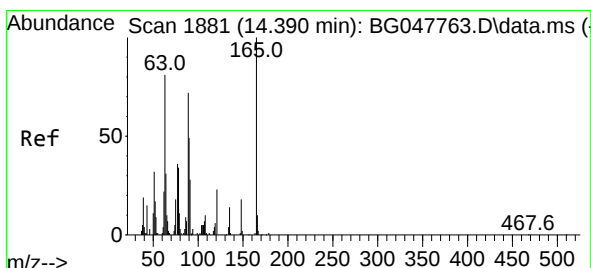
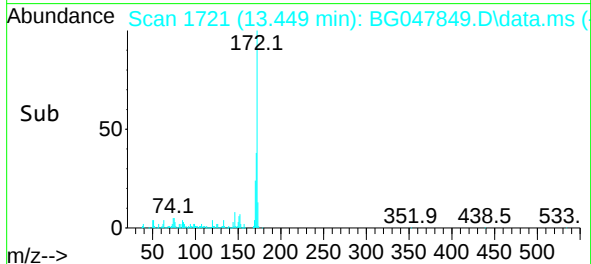
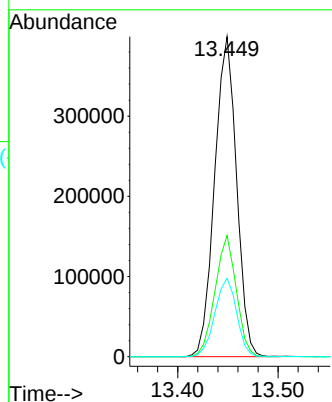
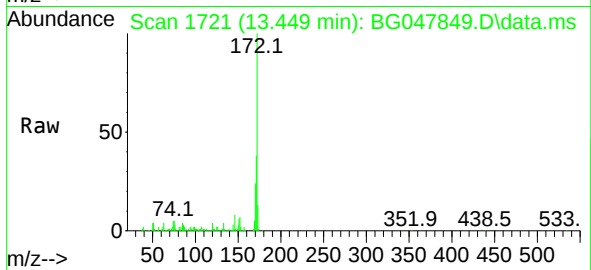




#45
2-Fluorobiphenyl
Concen: 71.84 ng
RT: 13.449 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

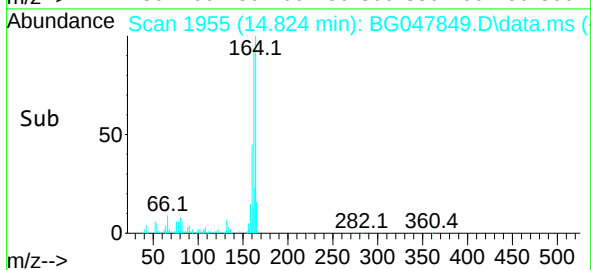
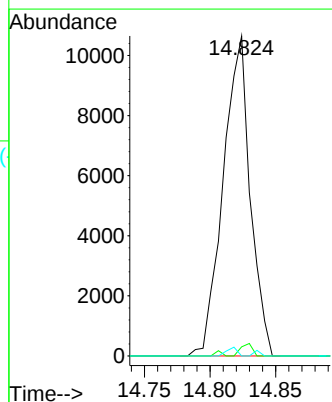
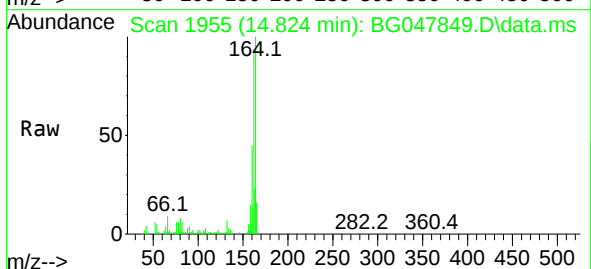
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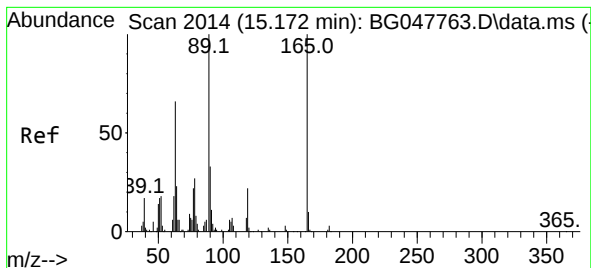
Tgt Ion:172 Resp: 605209
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 14.824 min Scan# 1955
Delta R.T. 0.434 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

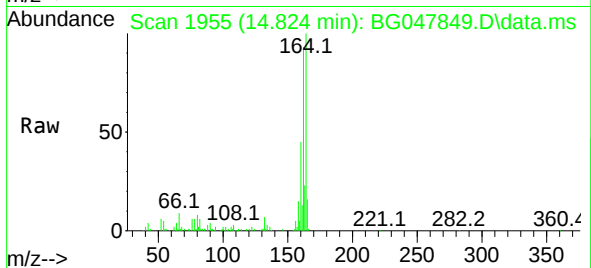
Tgt Ion:165 Resp: 15252
Ion Ratio Lower Upper
165 100
63 2.9 33.7 50.5#
89 0.0 36.6 54.8#



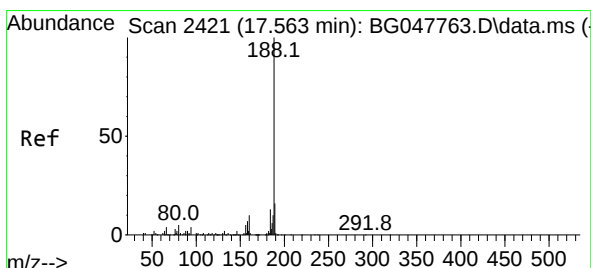
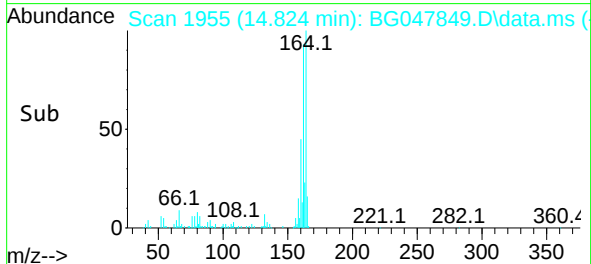
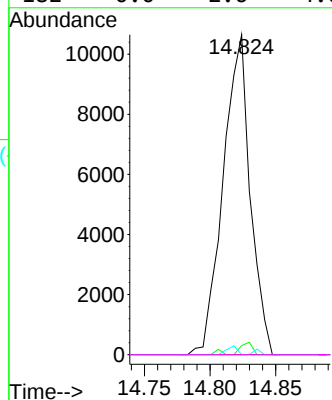


#57
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 14.824 min Scan# 1955
Delta R.T. -0.347 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Instrument :
BNA_G
ClientSampleId :
PB133886BL

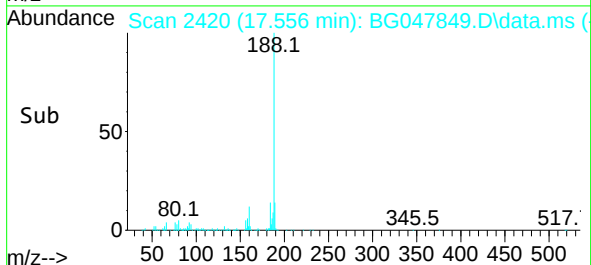
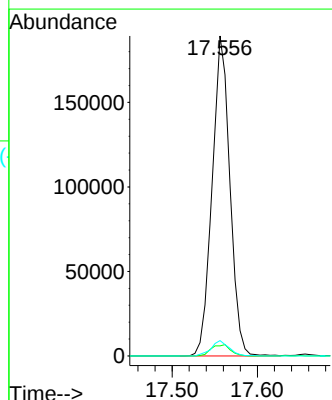
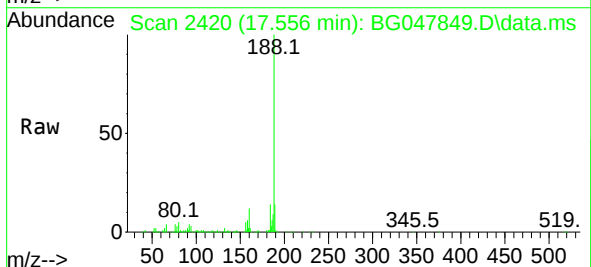


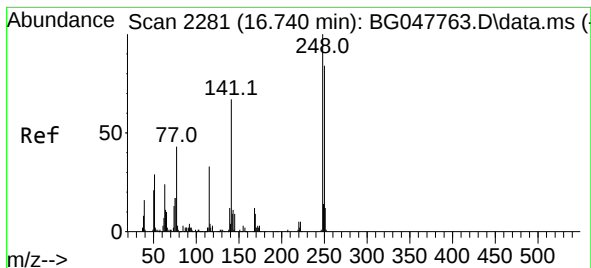
Tgt Ion:165 Resp: 15252
Ion Ratio Lower Upper
165 100
63 2.9 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Tgt Ion:188 Resp: 273842
Ion Ratio Lower Upper
188 100
94 3.1 6.3 9.5#
80 4.8 7.0 10.6#

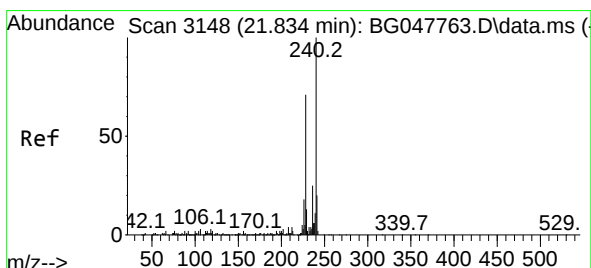
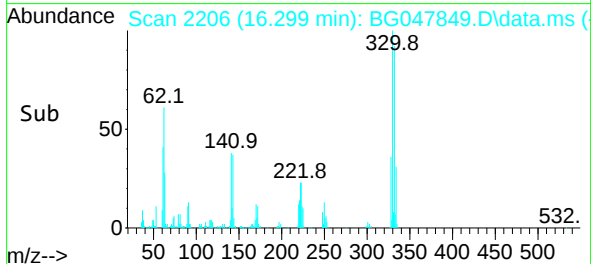
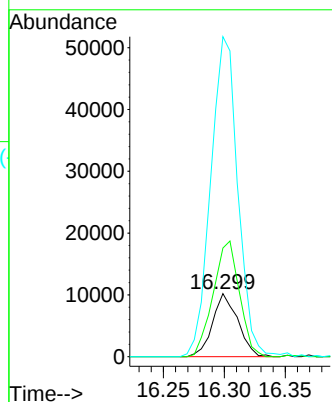
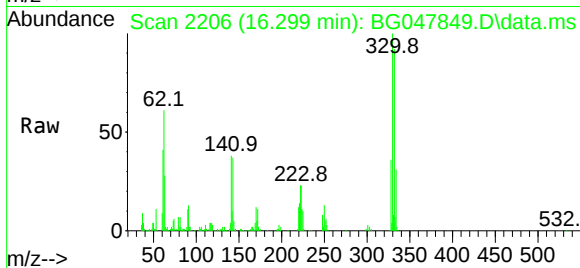




#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.441 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

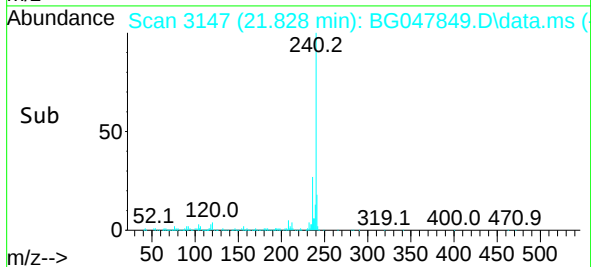
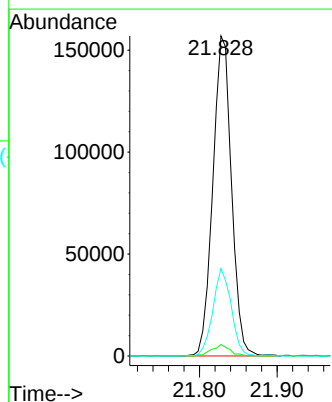
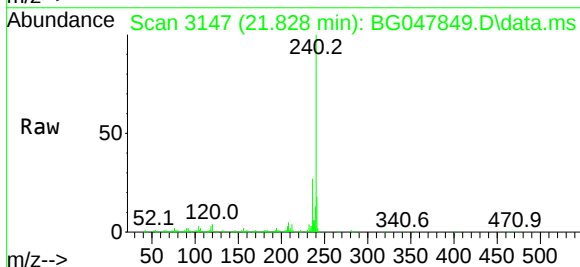
Instrument :
BNA_G
ClientSampleId :
PB133886BL

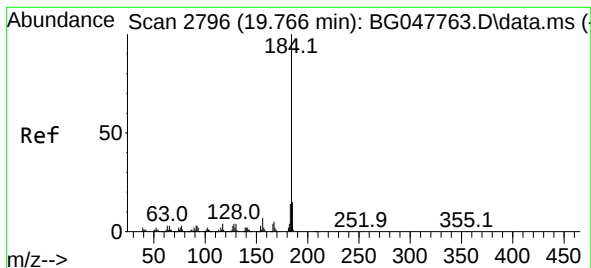
Tgt Ion:248 Resp: 14731
Ion Ratio Lower Upper
248 100
250 172.3 78.9 118.3#
141 507.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047849.D
Acq: 31 Dec 2020 15:31

Tgt Ion:240 Resp: 262037
Ion Ratio Lower Upper
240 100
120 3.6 6.2 9.4#
236 27.3 20.5 30.7





#77

Benzidine

Concen: 3.86 ng

RT: 20.141 min Scan# 2860

Delta R.T. 0.375 min

Lab File: BG047849.D

Acq: 31 Dec 2020 15:31

Tgt Ion:184 Resp: 27203

Ion Ratio Lower Upper

184 100

185 13.4 12.4 18.6

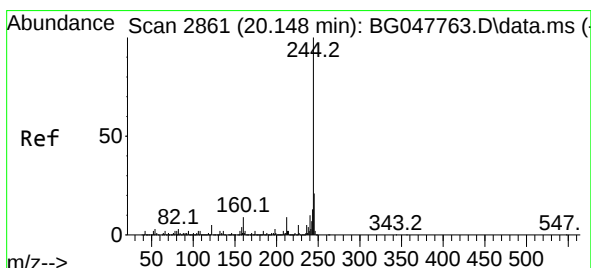
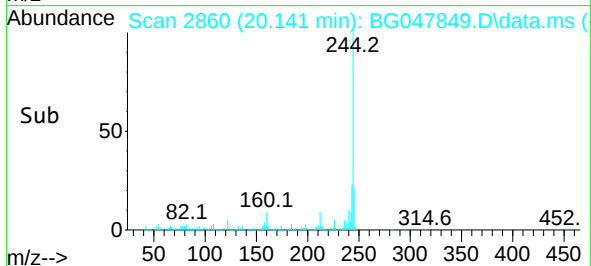
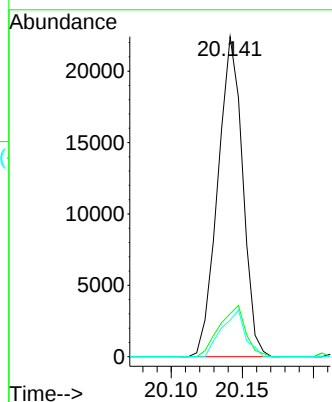
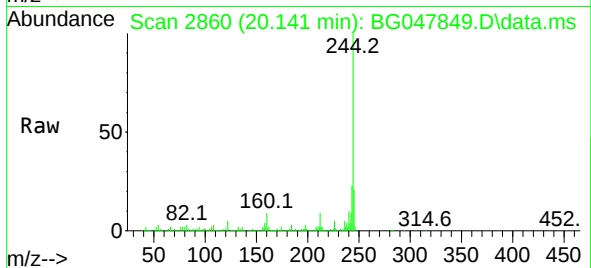
183 11.4 10.6 15.8

Instrument :

BNA_G

ClientSampleId :

PB133886BL



#79

Terphenyl-d14

Concen: 71.33 ng

RT: 20.141 min Scan# 2860

Delta R.T. -0.007 min

Lab File: BG047849.D

Acq: 31 Dec 2020 15:31

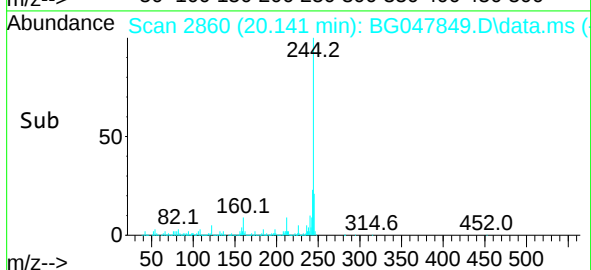
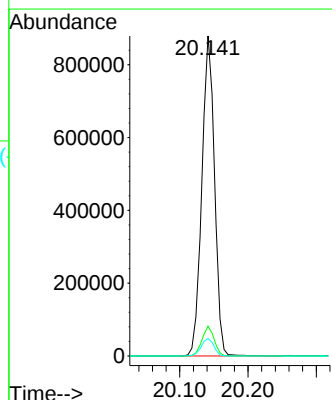
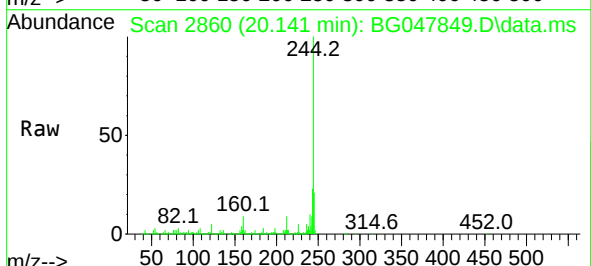
Tgt Ion:244 Resp: 1134378

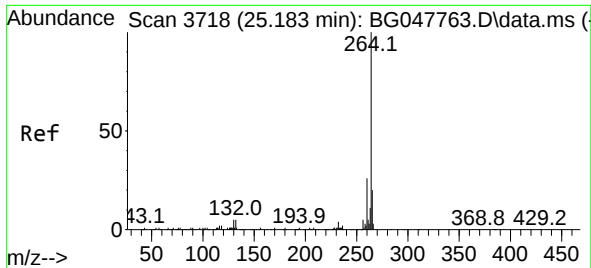
Ion Ratio Lower Upper

244 100

212 9.3 6.7 10.1

122 5.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.182 min Scan# 3718
 Delta R.T. -0.001 min
 Lab File: BG047849.D
 Acq: 31 Dec 2020 15:31

Instrument :
 BNA_G
 ClientSampleId :
 PB133886BL

Tgt Ion:264 Resp: 257180
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.8 28.2
 265 23.1 17.8 26.8

