

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047856.D
 Acq On : 31 Dec 2020 20:14
 Operator : CG/JU
 Sample : L5242-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-5(454+26)

Quant Time: Dec 31 23:49:55 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)

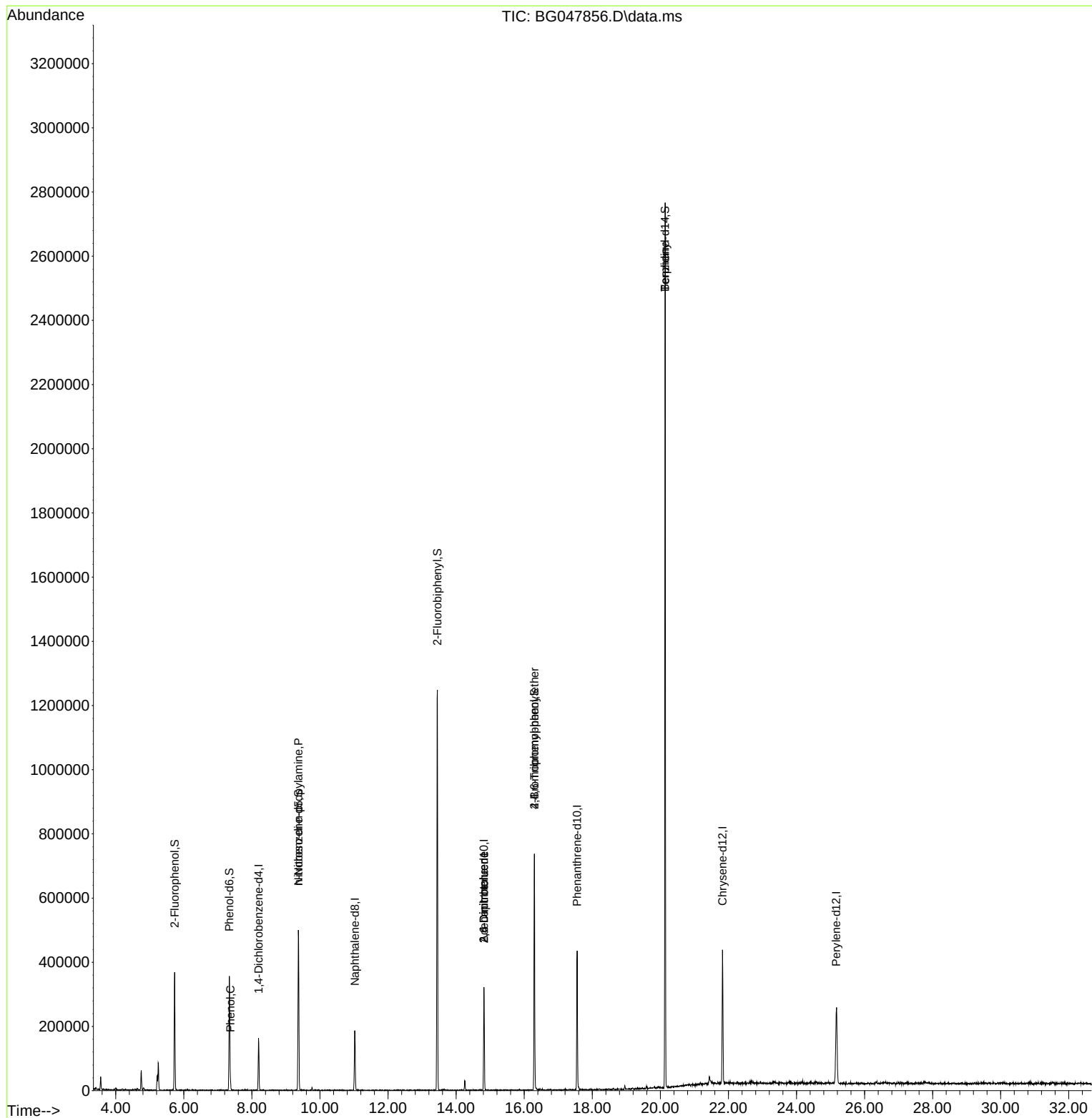
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.196	152	39565	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	149111	20.00	ng	# 0.00
39) Acenaphthene-d10	14.818	164	115741	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	277305	20.00	ng	# 0.00
76) Chrysene-d12	21.827	240	266408	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	271777	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	128808	56.32	ng	0.00
7) Phenol-d6	7.338	99	162857	48.71	ng	0.00
23) Nitrobenzene-d5	9.366	82	292103	72.05	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	127342	64.45	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	637296	71.25	ng	0.00
79) Terphenyl-d14	20.141	244	1136053	70.27	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.368	94	10181	3.36	ng	# 50
19) n-Nitroso-di-n-propyla...	9.366	70	48299	20.76	ng	# 77
51) 2,6-Dinitrotoluene	14.818	165	15730	7.76	ng	# 34
57) 2,4-Dinitrotoluene	14.818	165	15730	5.22	ng	# 32
67) 4-Bromophenyl-phenylether	16.299	248	9275	2.49	ng	# 1
70) Pentachlorophenol	17.209	266	81	Below Cal		# 19
77) Benzidine	20.141	184	23985	3.35	ng	# 90

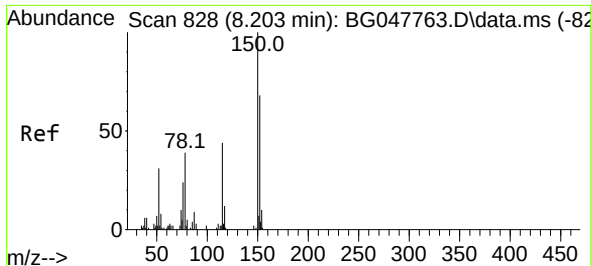
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Response via : Initial Calibration

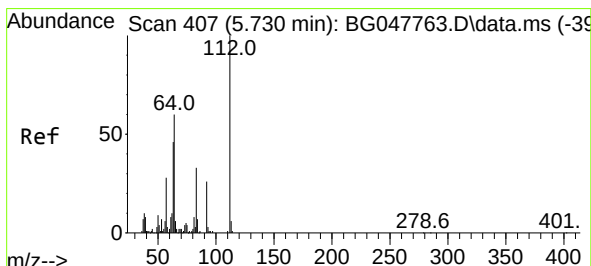
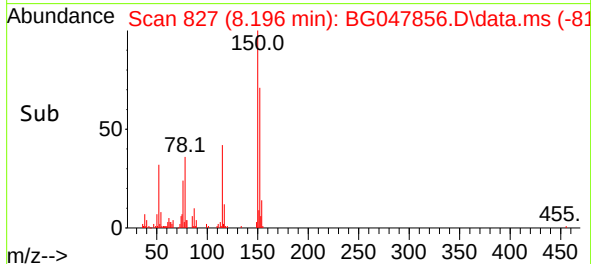
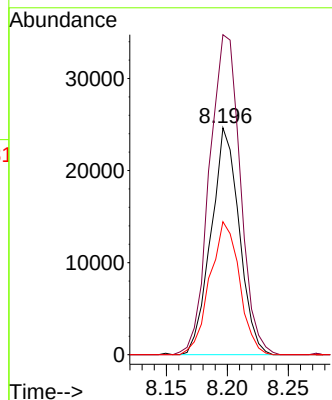
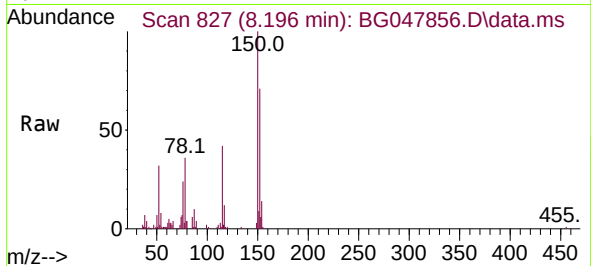




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.196 min Scan# 827
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

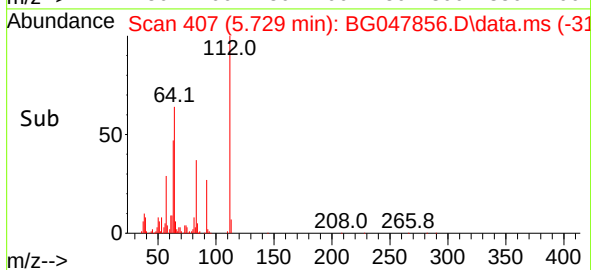
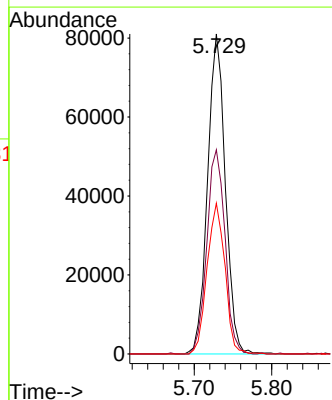
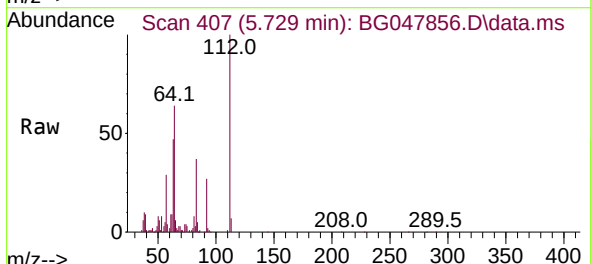
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

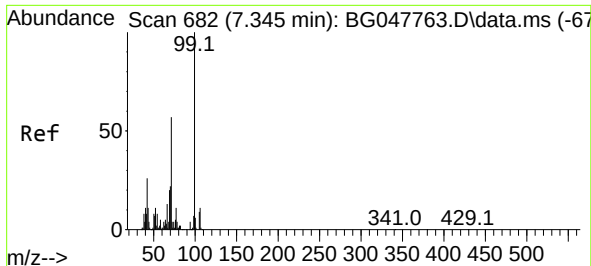
Tgt Ion:152 Resp: 39565
Ion Ratio Lower Upper
152 100
150 141.1 125.0 187.6
115 58.6 41.8 62.6



#5
2-Fluorophenol
Concen: 56.32 ng
RT: 5.729 min Scan# 407
Delta R.T. -0.001 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion:112 Resp: 128808
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 47.1 22.8 34.2#

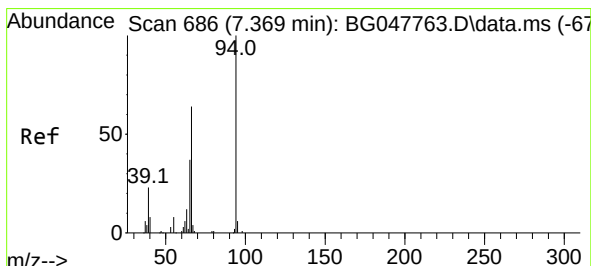
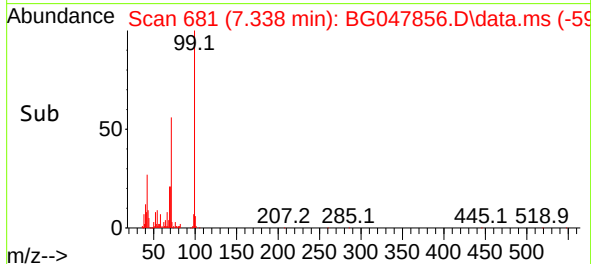
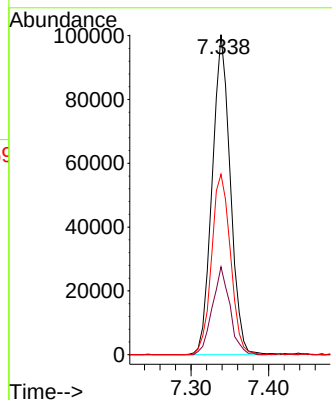
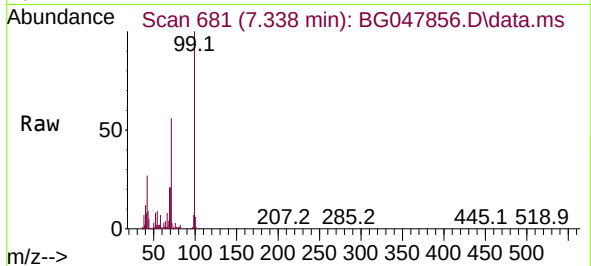




#7
Phenol-d6
Concen: 48.71 ng
RT: 7.338 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

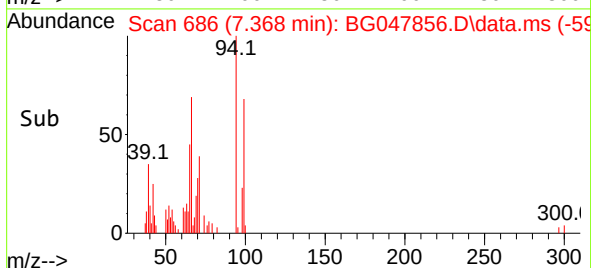
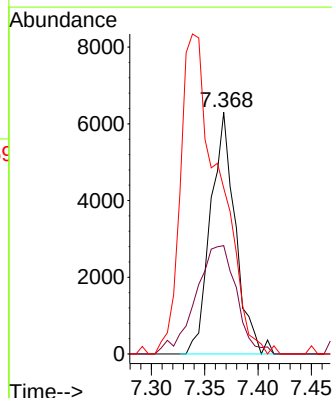
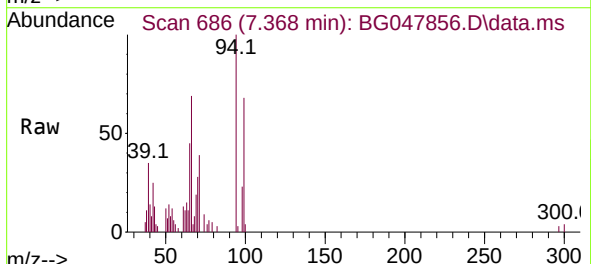
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

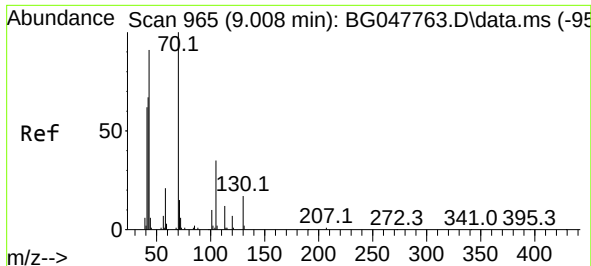
Tgt Ion: 99 Resp: 162857
Ion Ratio Lower Upper
99 100
42 27.5 12.8 19.2#
71 56.4 24.6 36.8#



#10
Phenol
Concen: 3.36 ng
RT: 7.368 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion: 94 Resp: 10181
Ion Ratio Lower Upper
94 100
65 44.8 6.6 46.6
66 68.6 13.9 53.9#

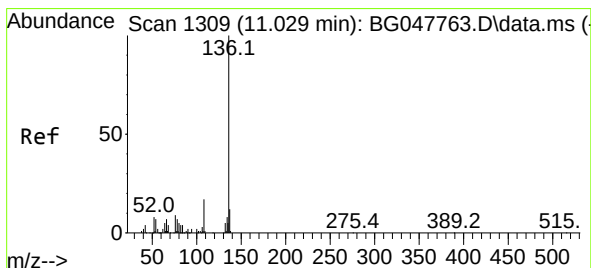
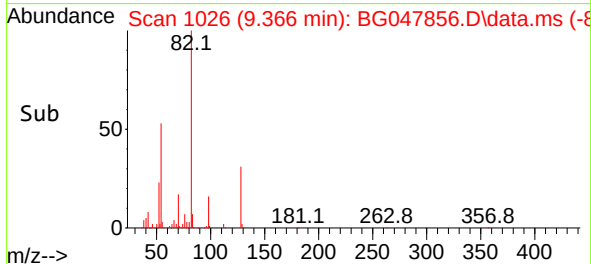
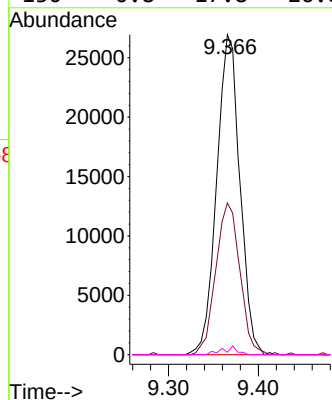
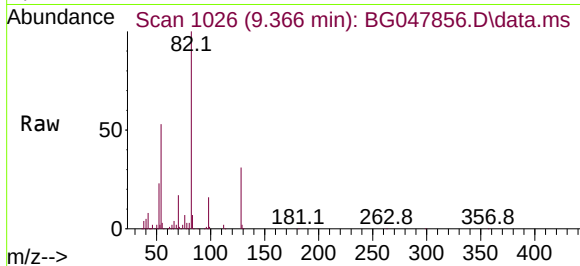




#19
n-Nitroso-di-n-propylamine
Concen: 20.76 ng
RT: 9.366 min Scan# 1026
Delta R.T. 0.357 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

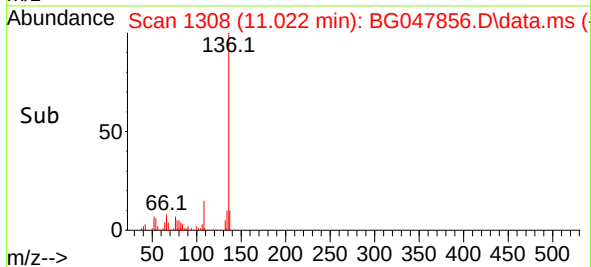
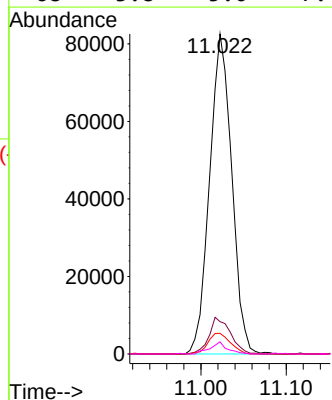
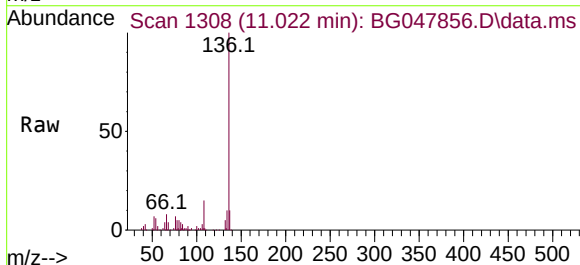
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

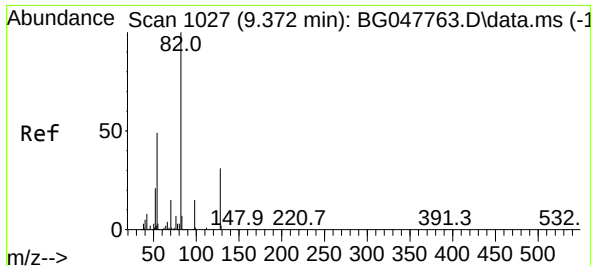
Tgt Ion: 70	Resp: 48299
Ion Ratio	Lower Upper
70	100
42	47.4 45.6 68.4
101	0.0 8.4 12.6#
130	0.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion: 136	Resp: 149111
Ion Ratio	Lower Upper
136	100
137	10.1 9.1 13.7
54	6.4 6.2 9.4
68	3.8 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 72.05 ng

RT: 9.366 min Scan# 1026

Delta R.T. -0.007 min

Lab File: BG047856.D

Acq: 31 Dec 2020 20:14

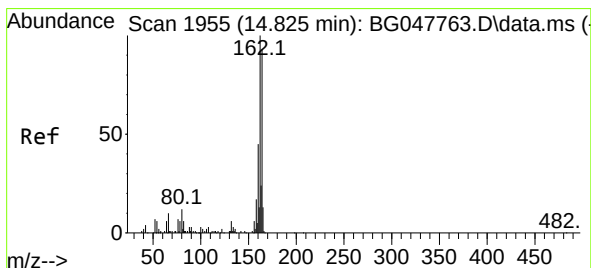
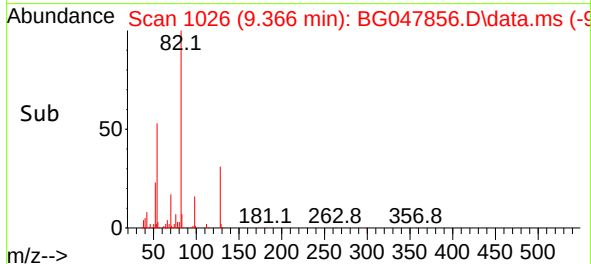
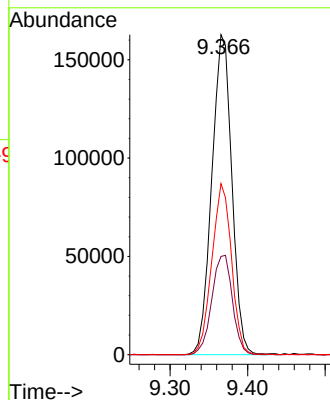
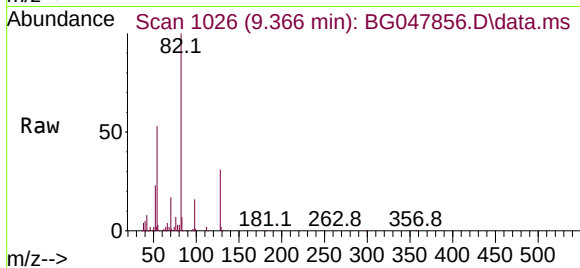
Instrument :

BNA_G

ClientSampleId :

SAMPLE-5(454+26)

Tgt Ion: 82	Resp: 292103
Ion Ratio	Lower Upper
82 100	
128 30.7	37.0 55.6#
54 53.5	39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

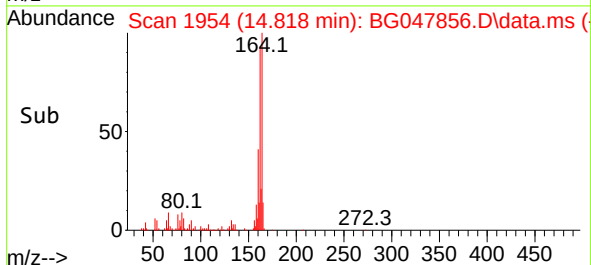
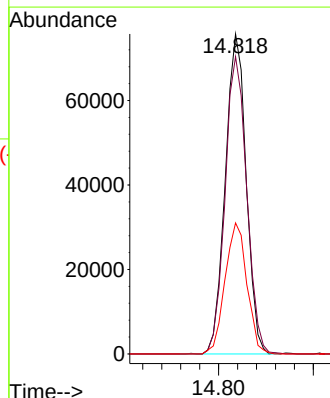
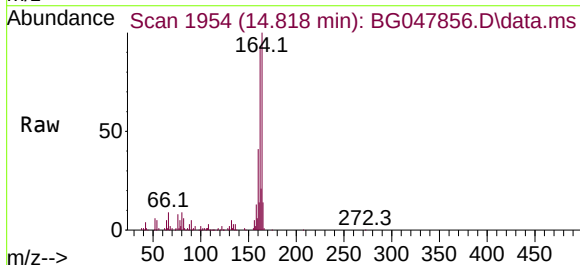
RT: 14.818 min Scan# 1954

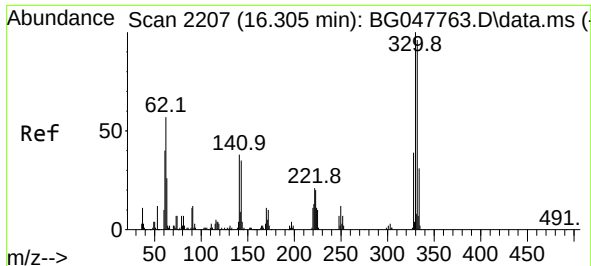
Delta R.T. -0.007 min

Lab File: BG047856.D

Acq: 31 Dec 2020 20:14

Tgt Ion: 164	Resp: 115741
Ion Ratio	Lower Upper
164 100	
162 92.9	82.3 123.5
160 41.0	35.3 52.9

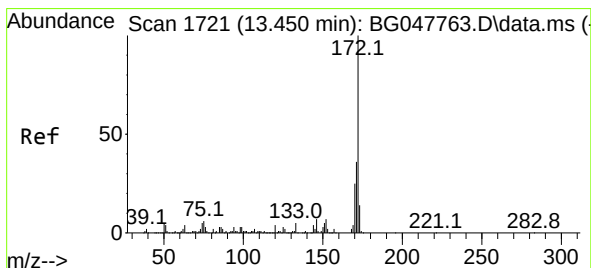
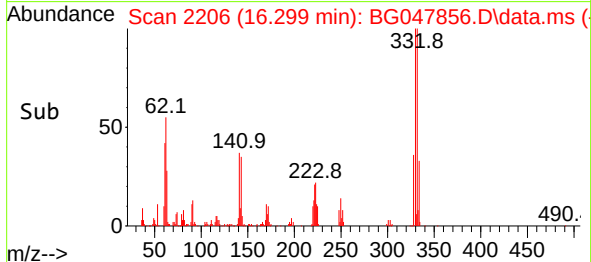
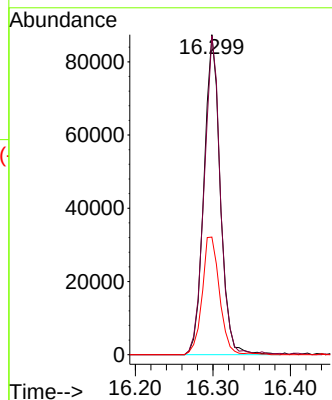
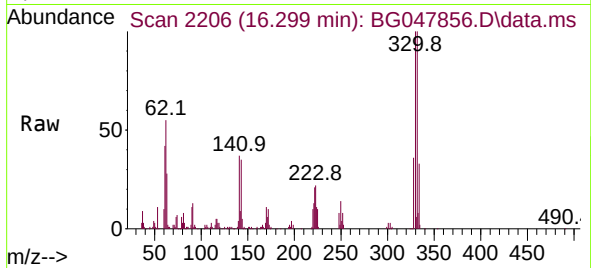




#42
2,4,6-Tribromophenol
Concen: 64.45 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

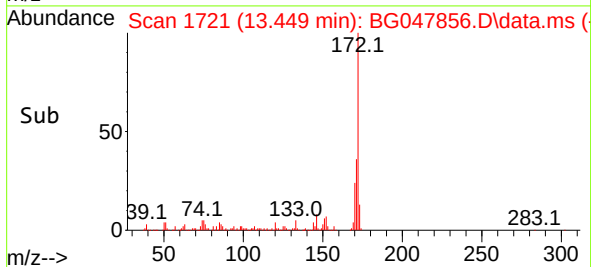
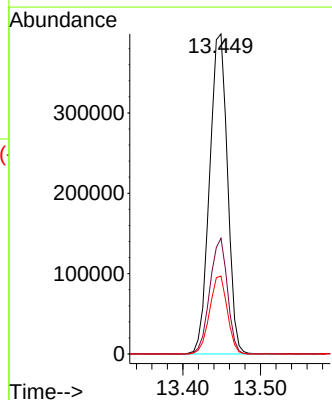
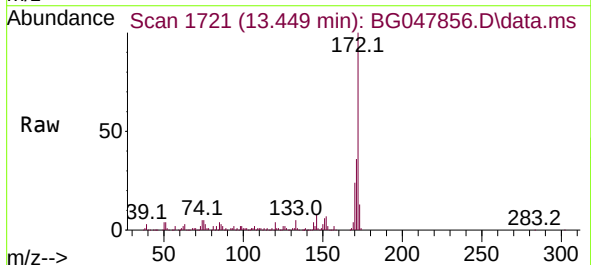
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

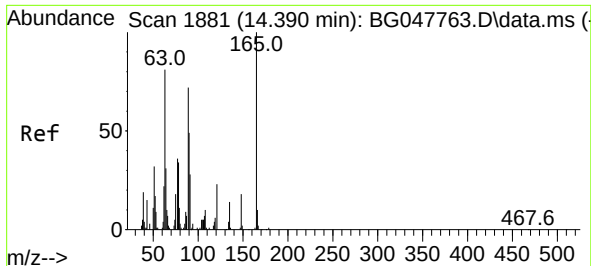
Tgt Ion:330 Resp: 127342
Ion Ratio Lower Upper
330 100
332 98.6 76.5 114.7
141 39.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 71.25 ng
RT: 13.449 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion:172 Resp: 637296
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 24.3 20.8 31.2

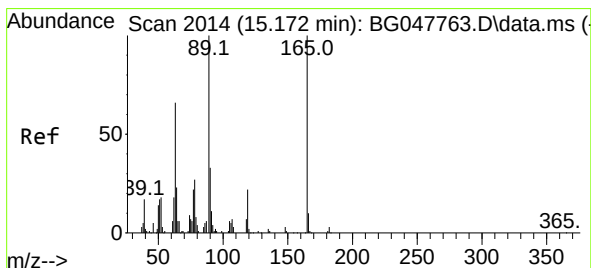
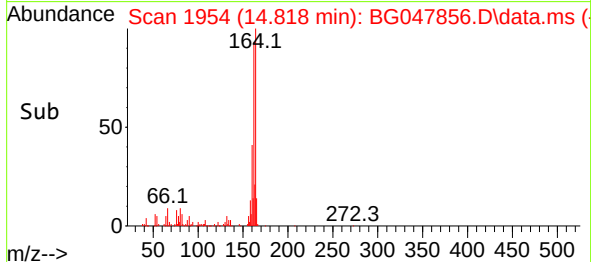
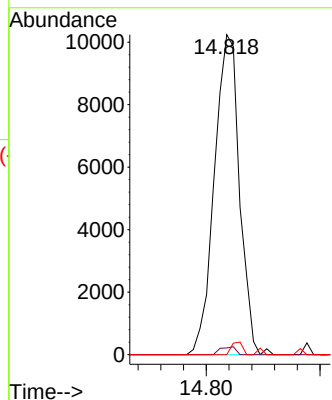
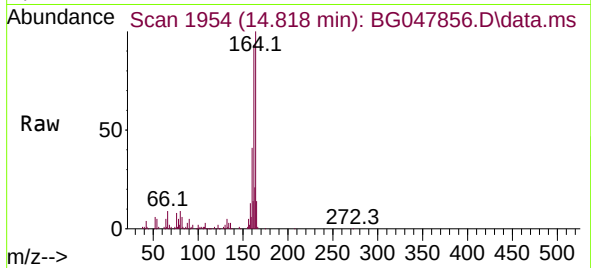




#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.818 min Scan# 1954
Delta R.T. 0.428 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

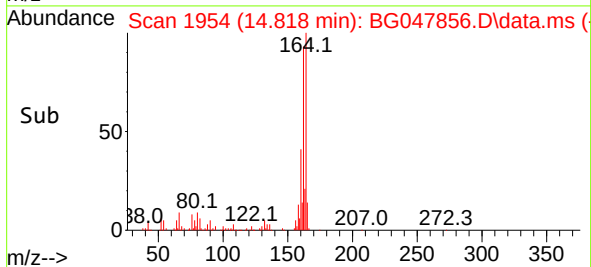
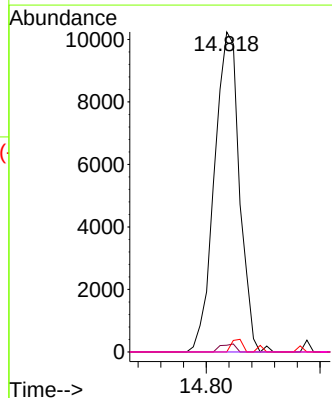
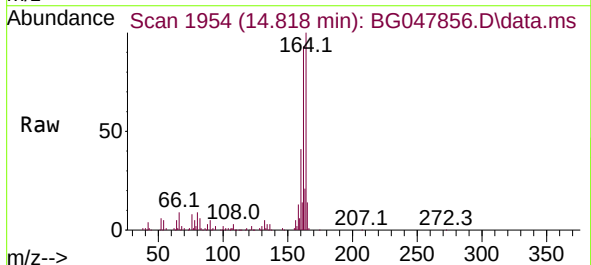
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SAMPLE-5(454+26)

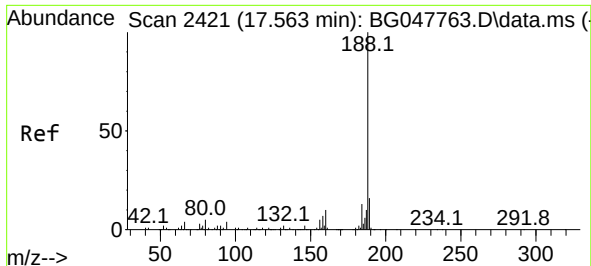
Tgt Ion:165 Resp: 15730
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 14.818 min Scan# 1954
Delta R.T. -0.354 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion:165 Resp: 15730
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

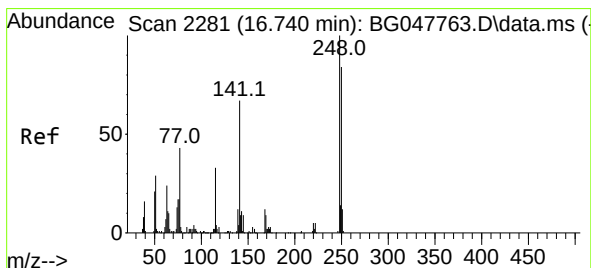
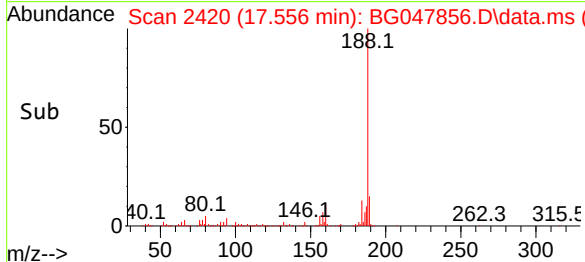
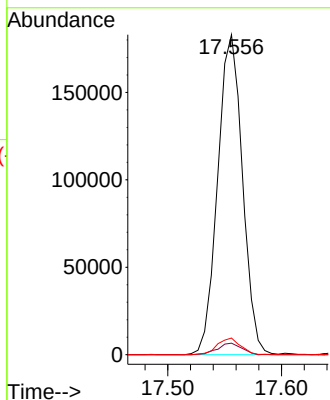
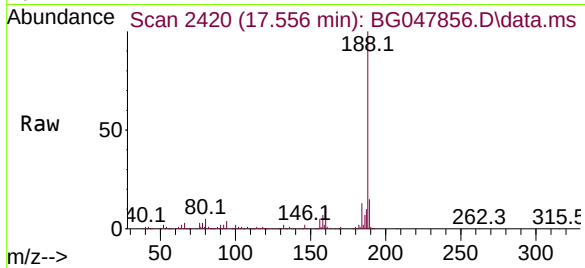




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

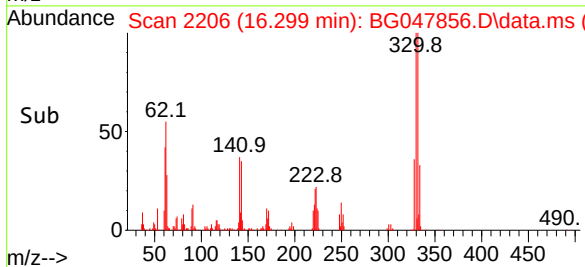
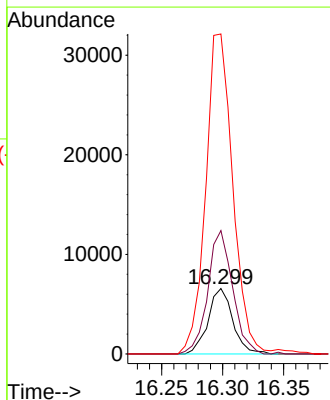
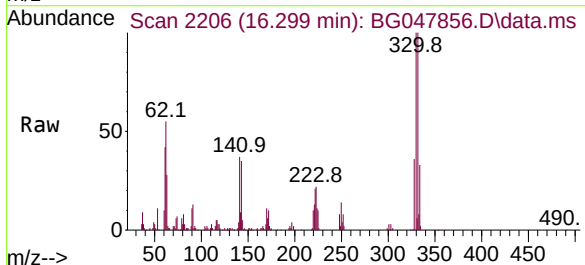
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

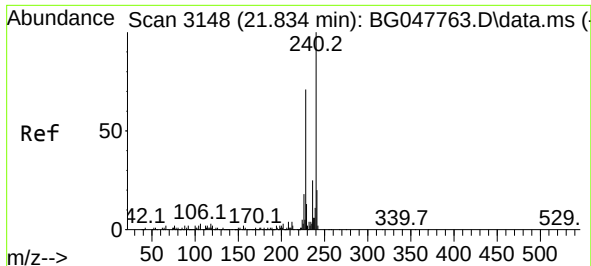
Tgt Ion:188 Resp: 277305
Ion Ratio Lower Upper
188 100
94 3.6 6.3 9.5#
80 5.2 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.442 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion:248 Resp: 9275
Ion Ratio Lower Upper
248 100
250 243.9 78.9 118.3#
141 489.1 46.2 69.4#

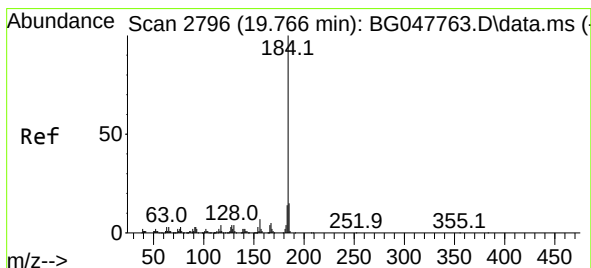
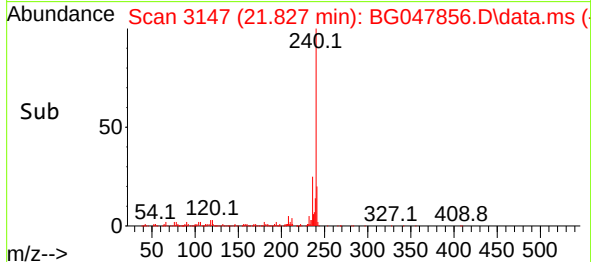
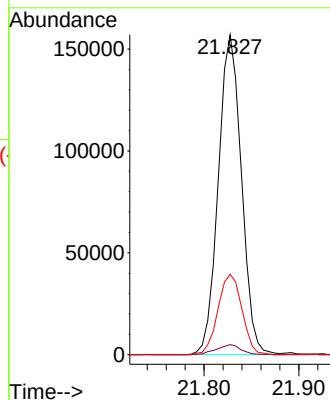
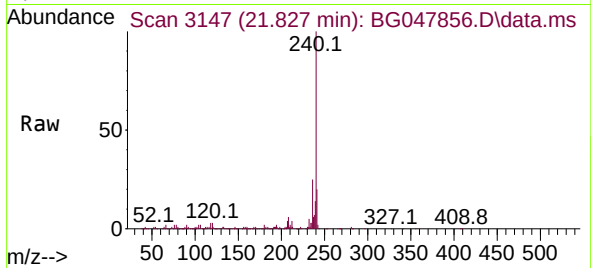




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

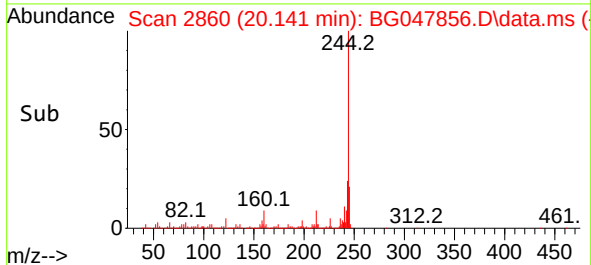
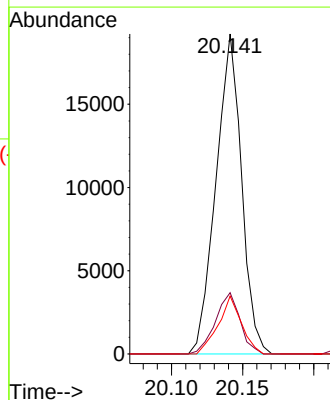
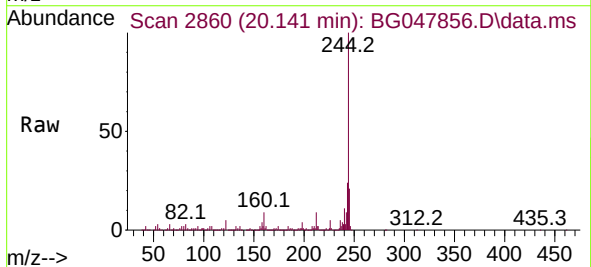
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5(454+26)

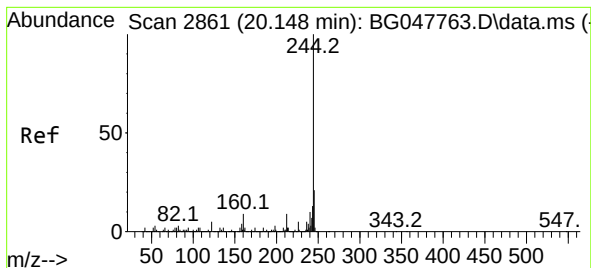
Tgt Ion:240 Resp: 266408
Ion Ratio Lower Upper
240 100
120 3.1 6.2 9.4#
236 25.2 20.5 30.7



#77
Benzidine
Concen: 3.35 ng
RT: 20.141 min Scan# 2860
Delta R.T. 0.375 min
Lab File: BG047856.D
Acq: 31 Dec 2020 20:14

Tgt Ion:184 Resp: 23985
Ion Ratio Lower Upper
184 100
185 19.2 12.4 18.6#
183 18.1 10.6 15.8#





#79

Terphenyl-d14

Concen: 70.27 ng

RT: 20.141 min Scan# 2860

Delta R.T. -0.007 min

Lab File: BG047856.D

Acq: 31 Dec 2020 20:14

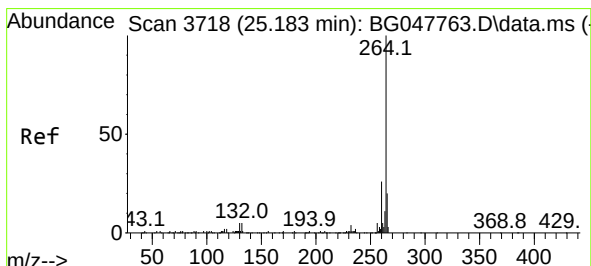
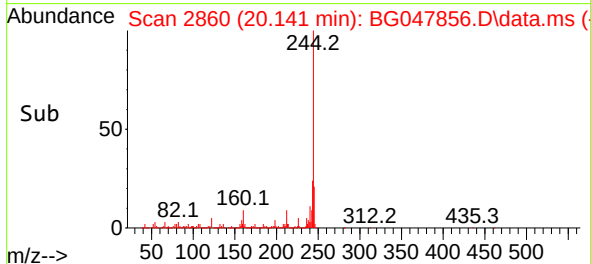
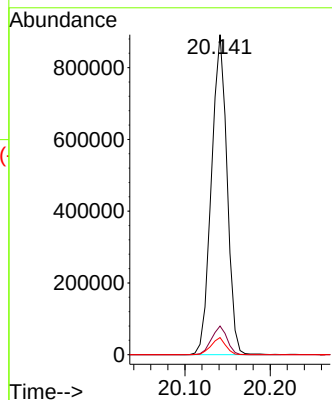
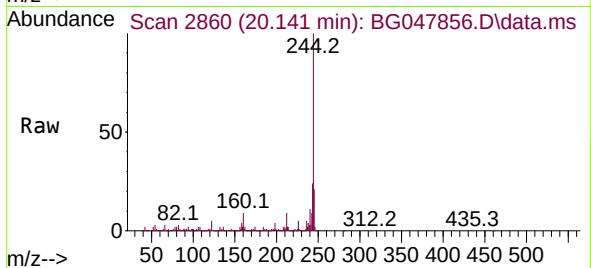
Tgt Ion:244 Resp: 1136053

Ion Ratio Lower Upper

244 100

212 8.9 6.7 10.1

122 5.4 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.171 min Scan# 3716

Delta R.T. -0.013 min

Lab File: BG047856.D

Acq: 31 Dec 2020 20:14

Tgt Ion:264 Resp: 271777

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

265 20.3 17.8 26.8

