

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047853.D
 Acq On : 31 Dec 2020 18:13
 Operator : CG/JU
 Sample : L5242-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-2(484+26)

Quant Time: Dec 31 23:49:08 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)

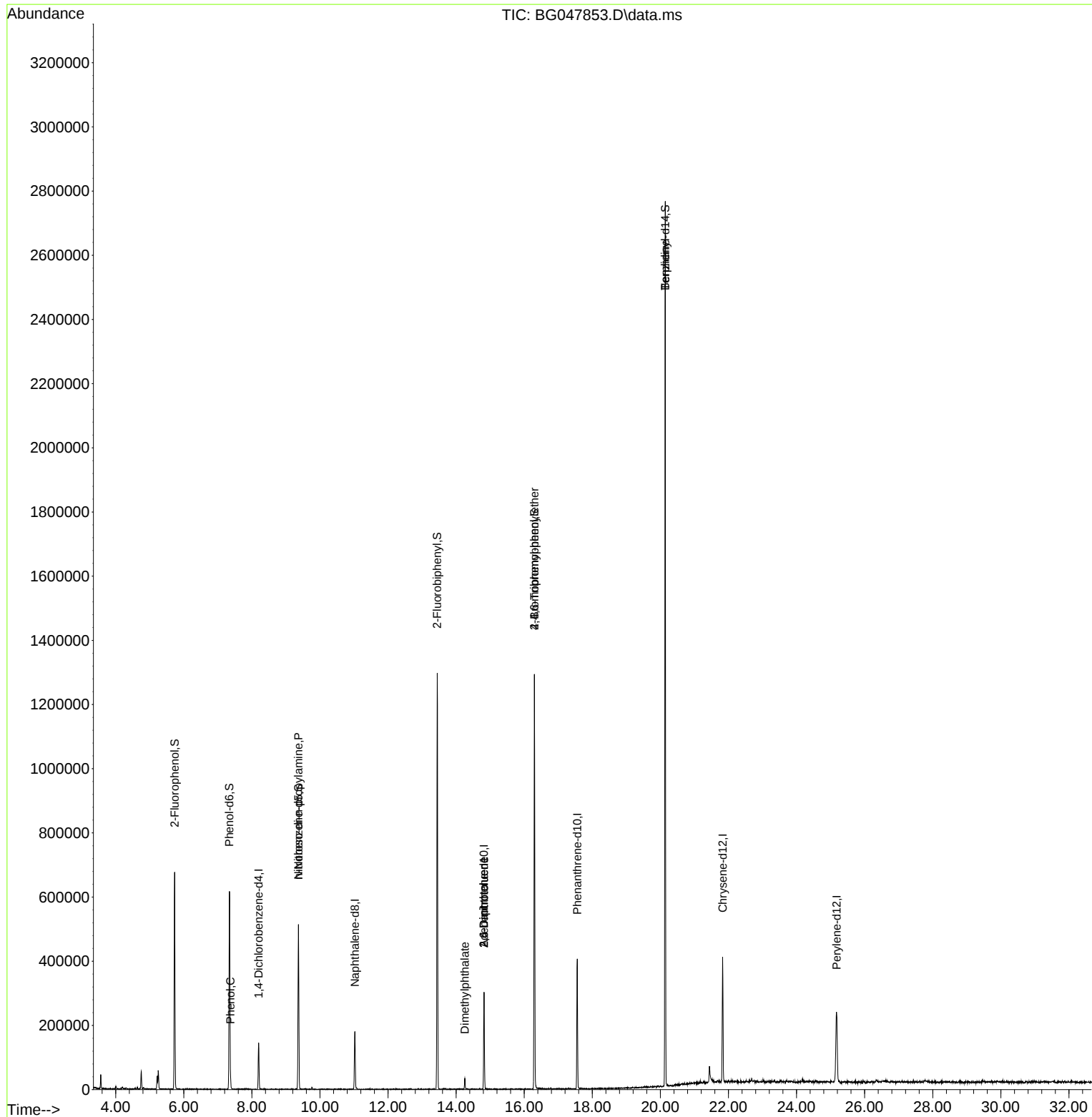
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	35360	20.00	ng	0.00
21) Naphthalene-d8	11.024	136	141810	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	107841	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	264606	20.00	ng	# 0.00
76) Chrysene-d12	21.829	240	249313	20.00	ng	# 0.00
86) Perylene-d12	25.178	264	253294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	235574	115.25	ng	0.00
7) Phenol-d6	7.340	99	291014	97.39	ng	0.00
23) Nitrobenzene-d5	9.367	82	290570	75.37	ng	0.00
42) 2,4,6-Tribromophenol	16.300	330	226662	123.12	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	644983	77.39	ng	0.00
79) Terphenyl-d14	20.143	244	1151282	76.09	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.369	94	15168	5.60	ng	# 40
19) n-Nitroso-di-n-propyla...	9.367	70	49056	23.59	ng	# 86
50) Dimethylphthalate	14.255	163	19133	2.06	ng	# 92
51) 2,6-Dinitrotoluene	14.819	165	14303	7.57	ng	# 34
57) 2,4-Dinitrotoluene	14.819	165	14303	5.09	ng	# 32
67) 4-Bromophenyl-phenylether	16.300	248	15545	4.37	ng	# 1
77) Benizidine	20.143	184	24941	3.72	ng	# 82

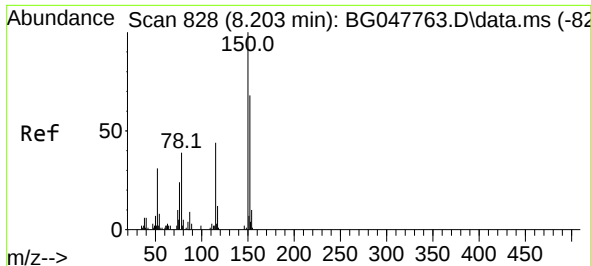
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_G
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Response via : Initial Calibration

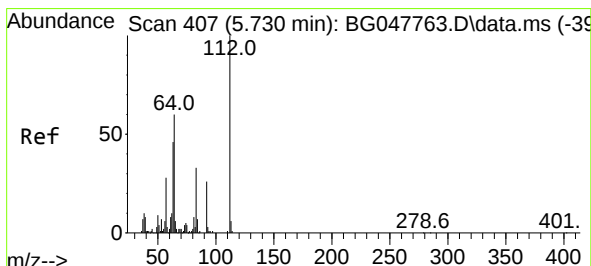
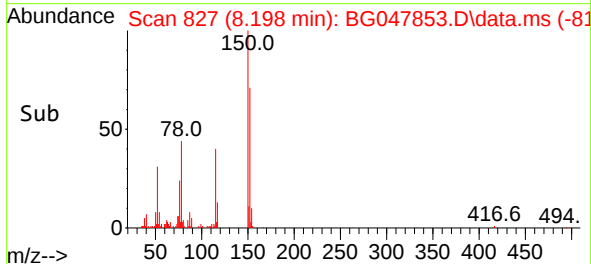
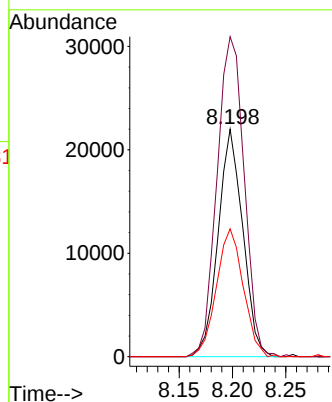
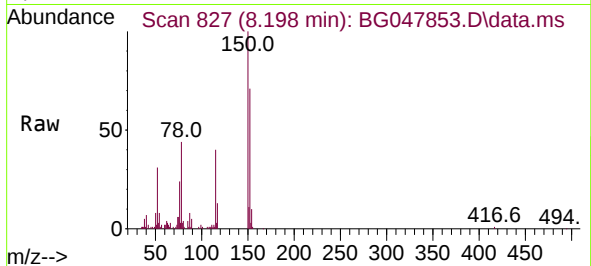




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 827
Delta R.T. -0.005 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

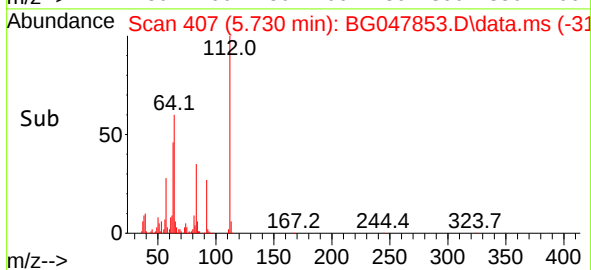
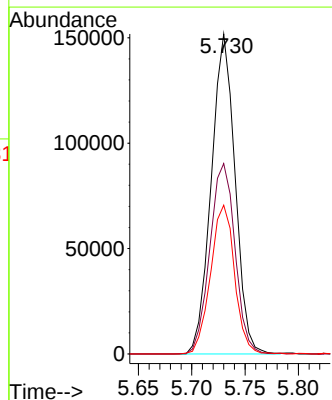
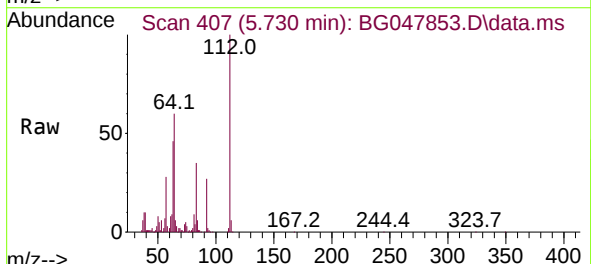
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

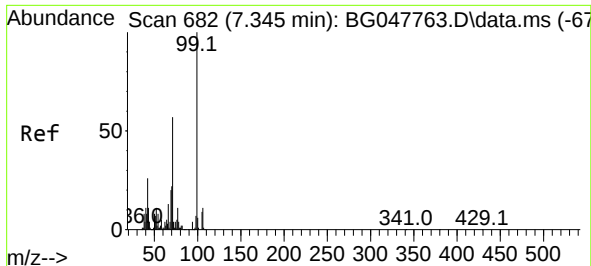
Tgt Ion:152 Resp: 35360
Ion Ratio Lower Upper
152 100
150 140.7 125.0 187.6
115 56.2 41.8 62.6



#5
2-Fluorophenol
Concen: 115.25 ng
RT: 5.730 min Scan# 407
Delta R.T. 0.000 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:112 Resp: 235574
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 46.5 22.8 34.2#

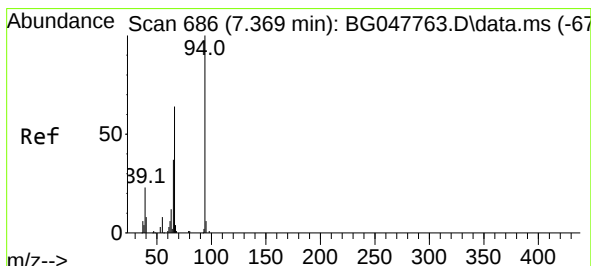
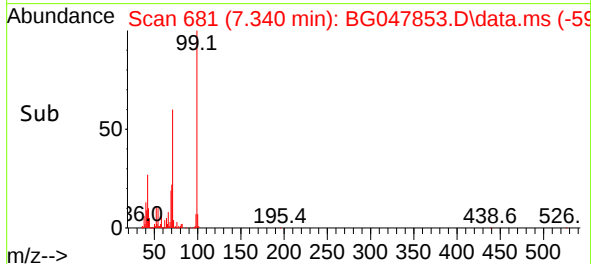
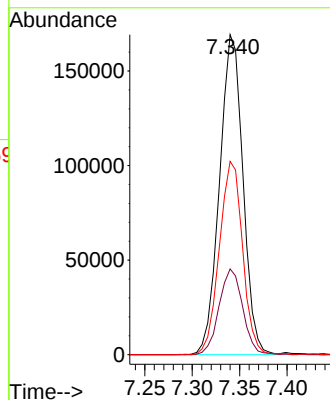
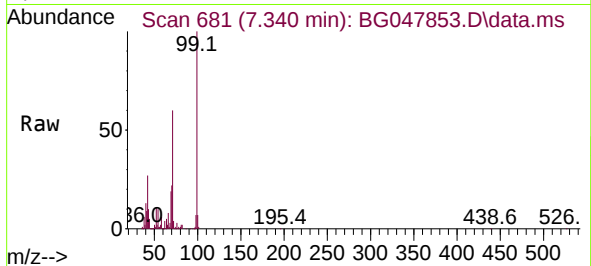




#7
Phenol-d6
Concen: 97.39 ng
RT: 7.340 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

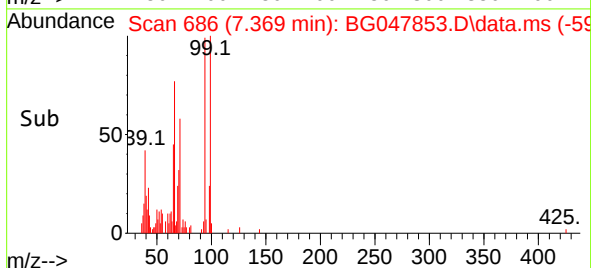
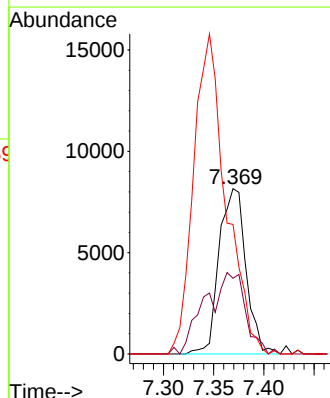
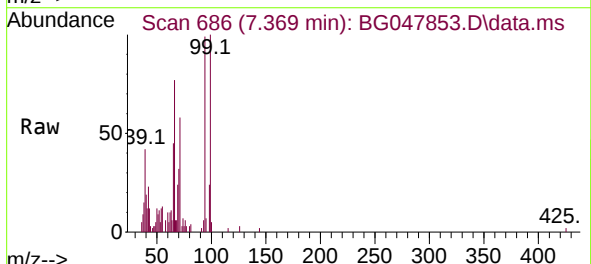
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

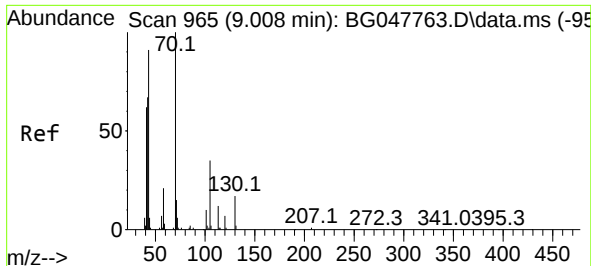
Tgt Ion: 99 Resp: 291014
Ion Ratio Lower Upper
99 100
42 26.8 12.8 19.2#
71 60.4 24.6 36.8#



#10
Phenol
Concen: 5.60 ng
RT: 7.369 min Scan# 686
Delta R.T. 0.000 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion: 94 Resp: 15168
Ion Ratio Lower Upper
94 100
65 45.8 6.6 46.6
66 78.4 13.9 53.9#

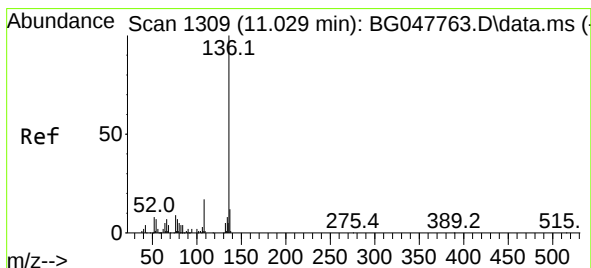
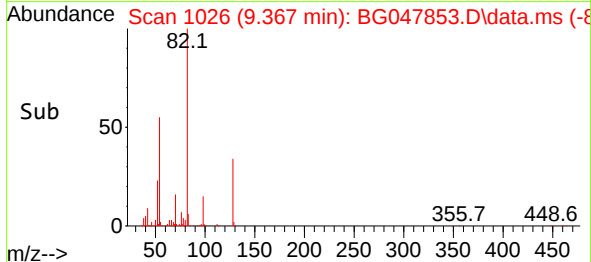
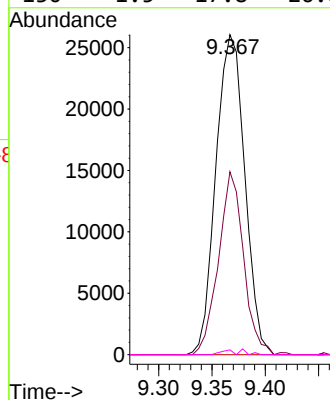
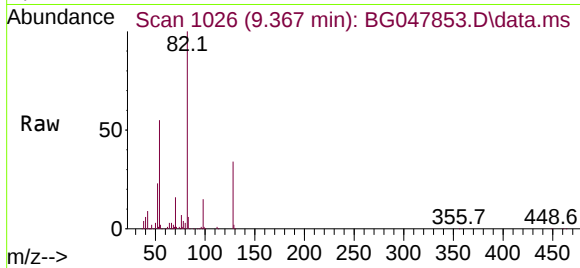




#19
n-Nitroso-di-n-propylamine
Concen: 23.59 ng
RT: 9.367 min Scan# 1026
Delta R.T. 0.359 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

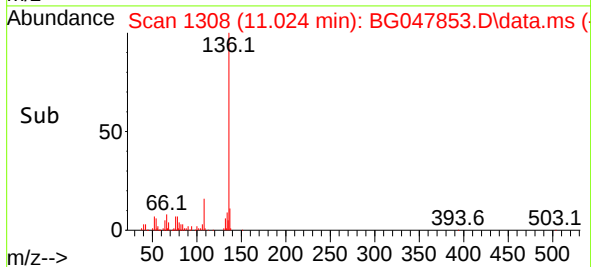
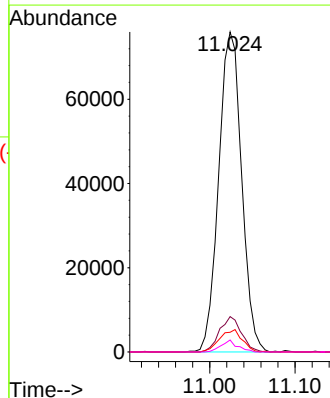
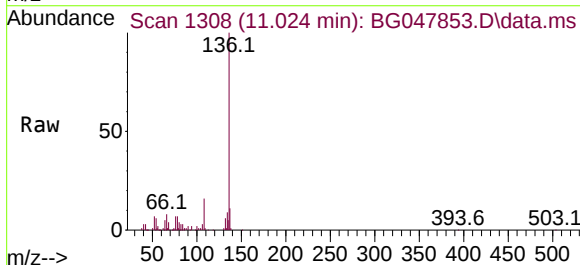
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

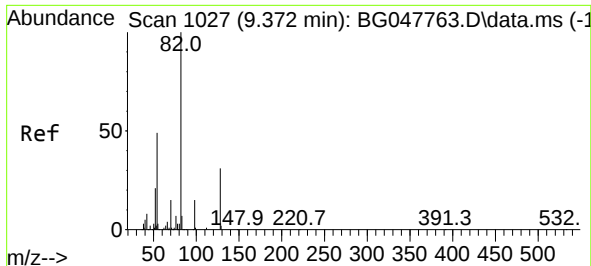
Tgt Ion: 70	Resp: 49056
Ion Ratio	Lower Upper
70 100	
42 57.2	45.6 68.4
101 0.0	8.4 12.6#
130 1.5	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.024 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion: 136	Resp: 141810
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 6.1	6.2 9.4#
68 3.8	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 75.37 ng

RT: 9.367 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG047853.D

Acq: 31 Dec 2020 18:13

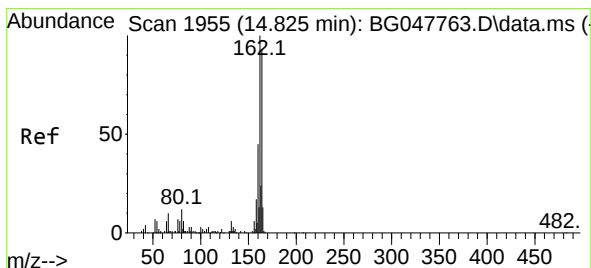
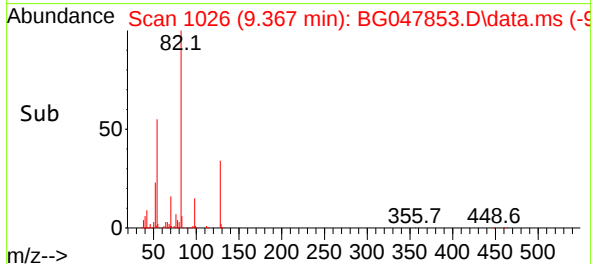
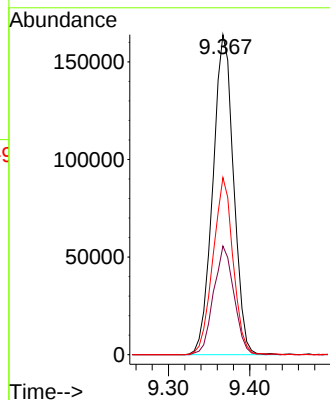
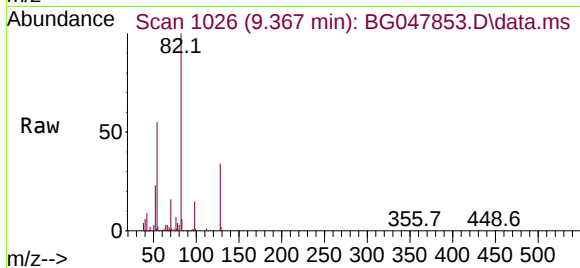
Instrument :

BNA_G

ClientSampleId :

SAMPLE-2(484+26)

Tgt Ion: 82	Resp: 290570
Ion Ratio	Lower Upper
82	100
128	34.0 37.0 55.6#
54	55.3 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

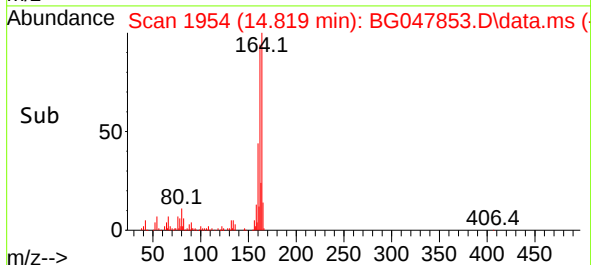
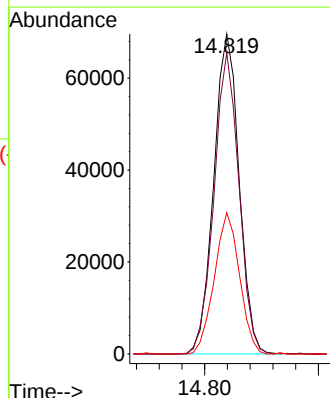
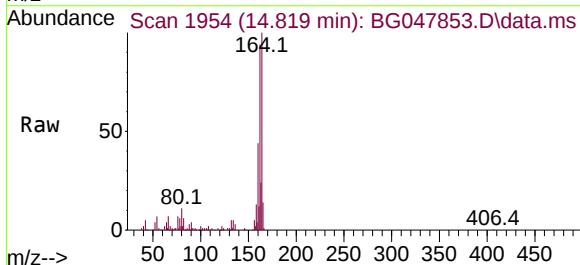
RT: 14.819 min Scan# 1954

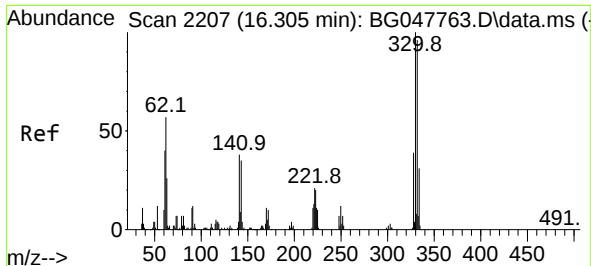
Delta R.T. -0.006 min

Lab File: BG047853.D

Acq: 31 Dec 2020 18:13

Tgt Ion: 164	Resp: 107841
Ion Ratio	Lower Upper
164	100
162	94.1 82.3 123.5
160	44.1 35.3 52.9

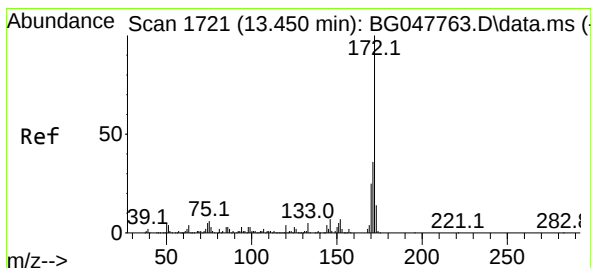
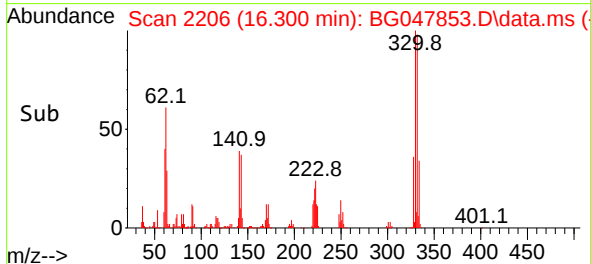
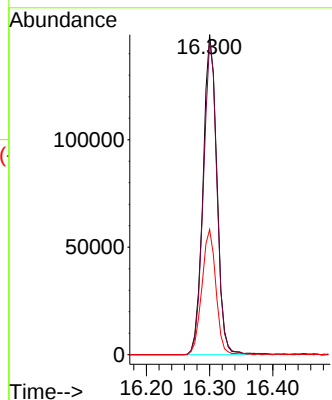
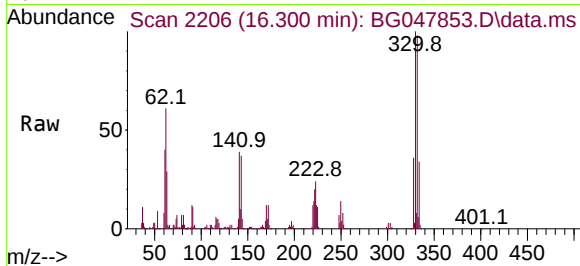




#42
2,4,6-Tribromophenol
Concen: 123.12 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

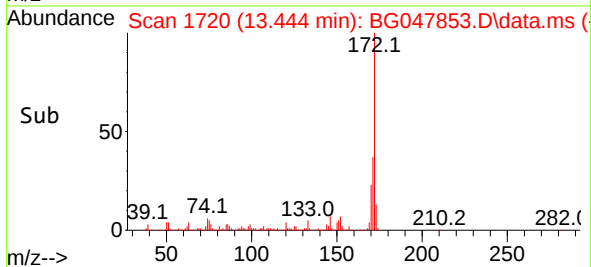
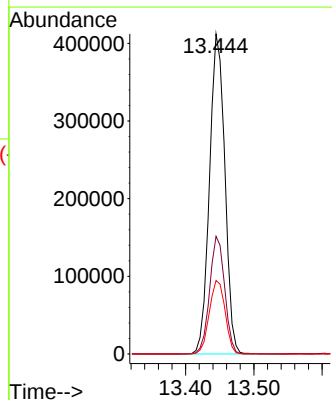
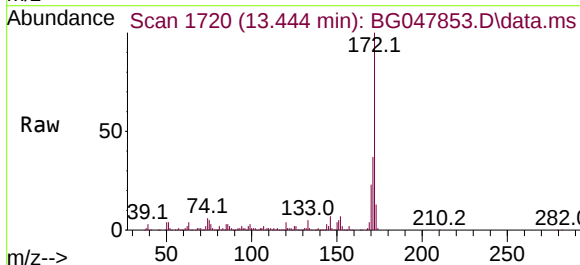
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

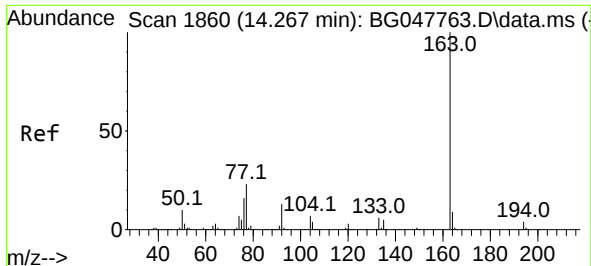
Tgt Ion:330 Resp: 226662
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 39.6 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 77.39 ng
RT: 13.444 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:172 Resp: 644983
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 22.9 20.8 31.2

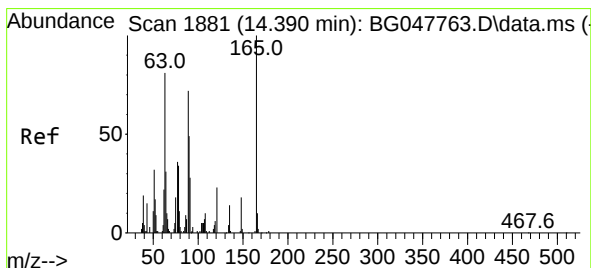
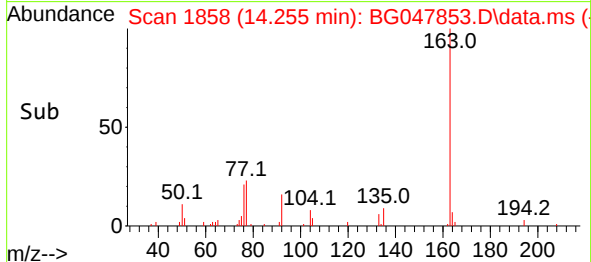
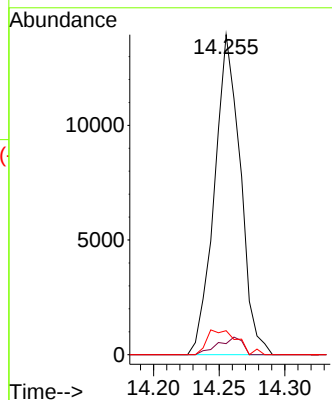
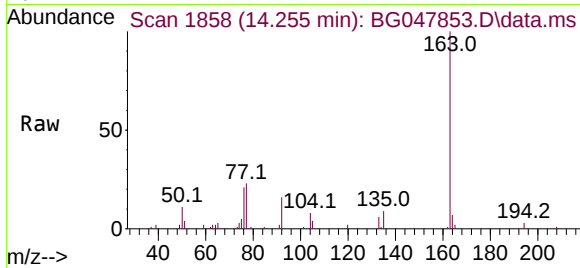




#50
Dimethylphthalate
Concen: 2.06 ng
RT: 14.255 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

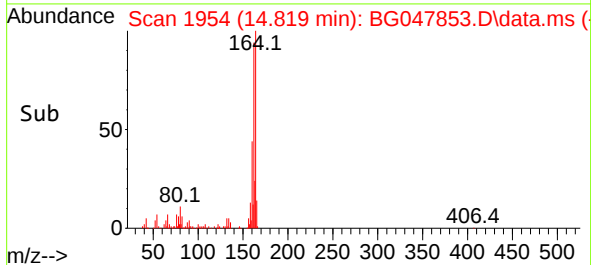
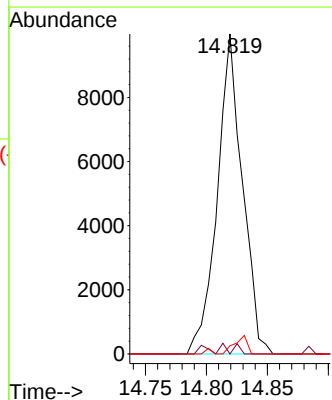
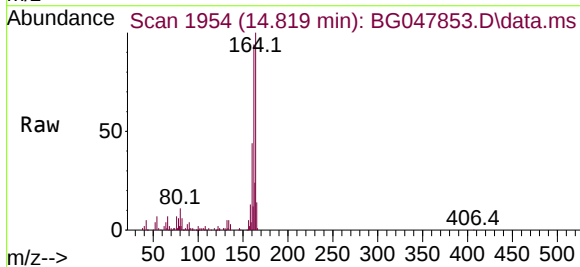
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SAMPLE-2(484+26)

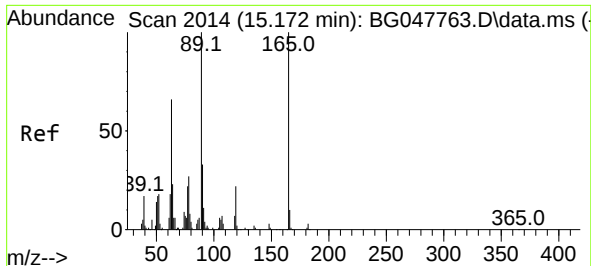
Tgt Ion:163 Resp: 19133
Ion Ratio Lower Upper
163 100
194 3.4 3.8 5.8#
164 7.5 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 14.819 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:165 Resp: 14303
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.5 36.6 54.8#

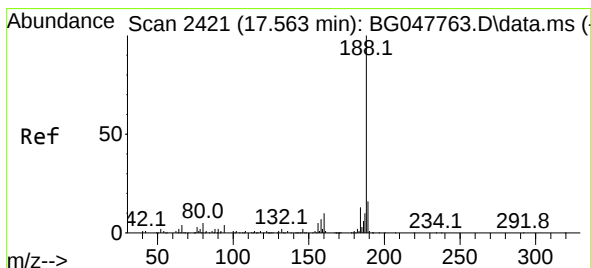
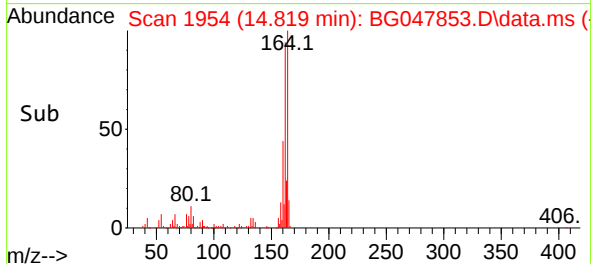
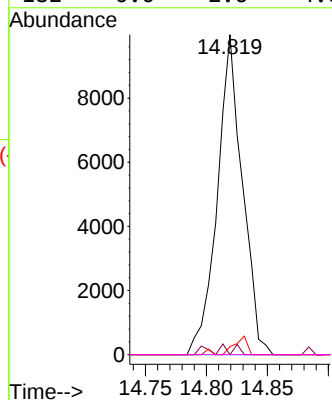
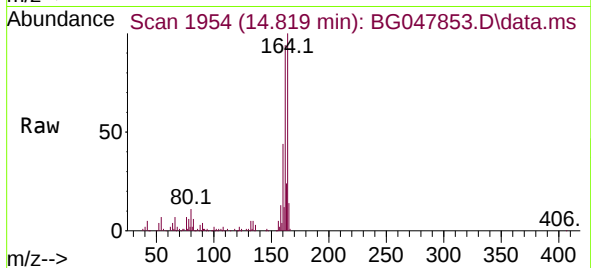




#57
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.352 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

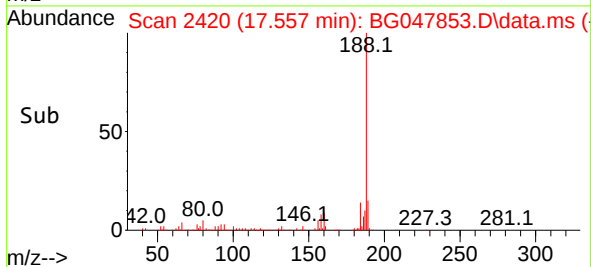
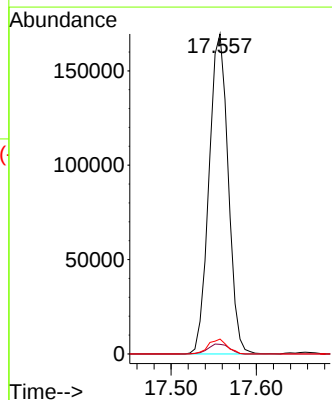
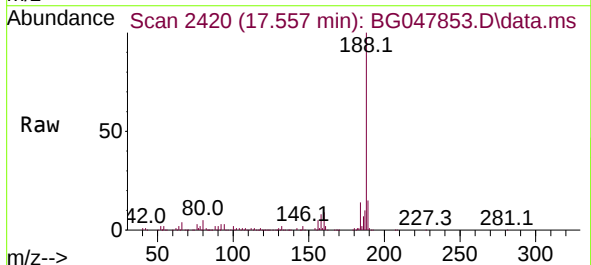
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

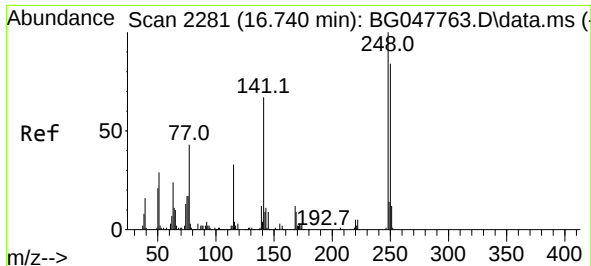
Tgt Ion:165 Resp: 14303
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:188 Resp: 264606
Ion Ratio Lower Upper
188 100
94 3.0 6.3 9.5#
80 4.7 7.0 10.6#

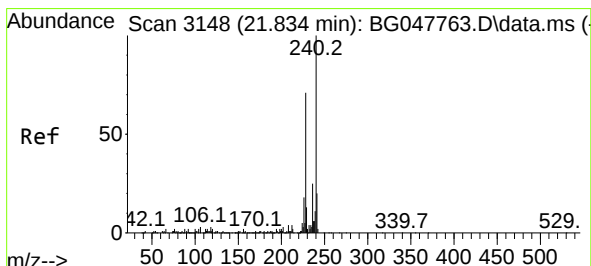
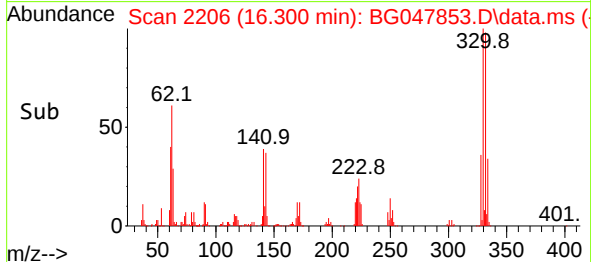
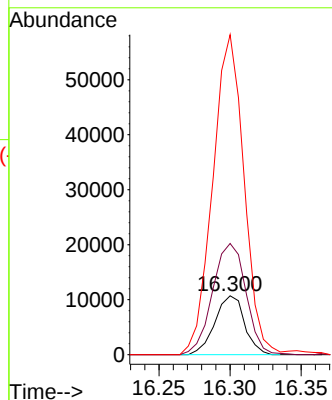
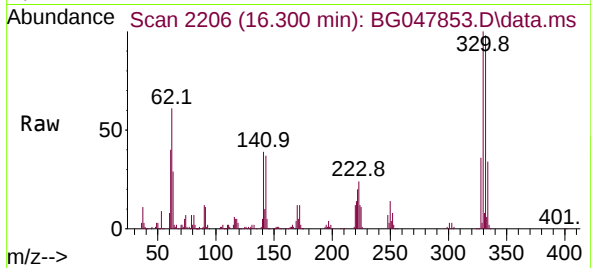




#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.440 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

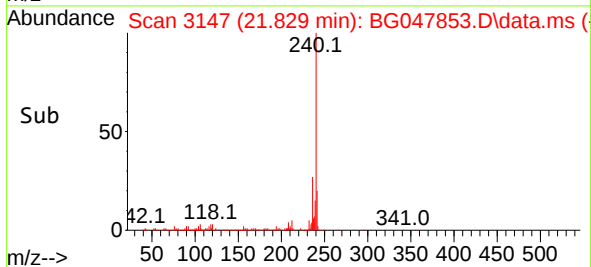
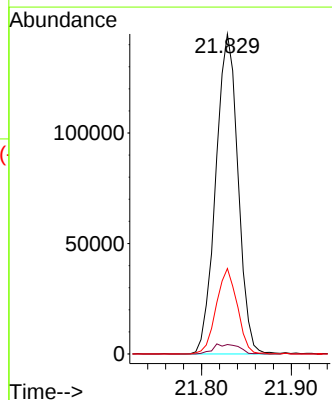
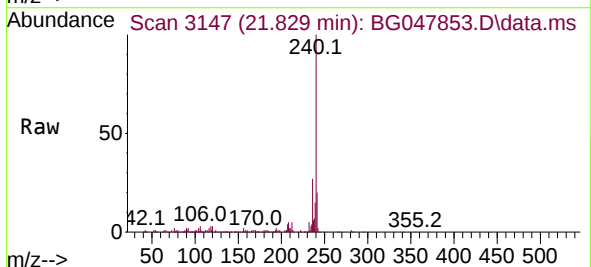
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

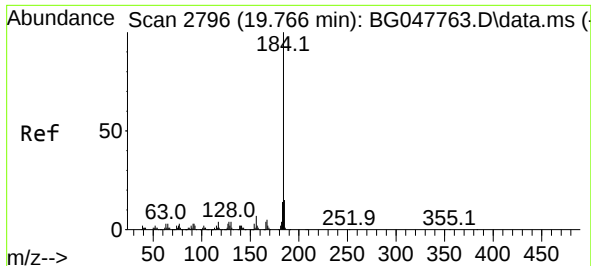
Tgt Ion:248 Resp: 15545
Ion Ratio Lower Upper
248 100
250 188.6 78.9 118.3#
141 542.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.829 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:240 Resp: 249313
Ion Ratio Lower Upper
240 100
120 3.0 6.2 9.4#
236 26.7 20.5 30.7

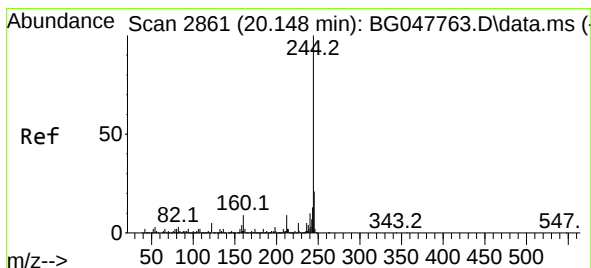
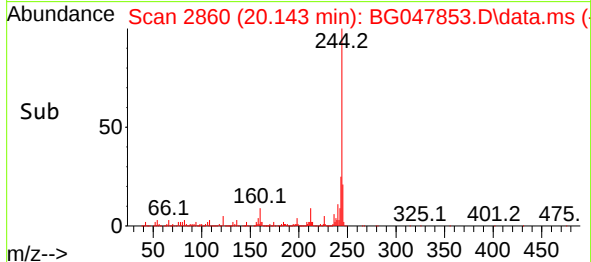
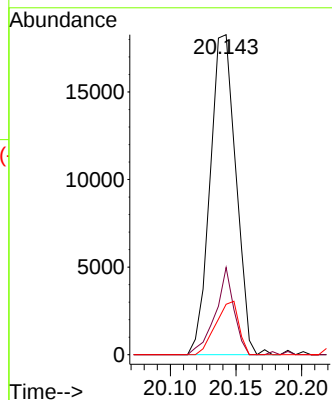
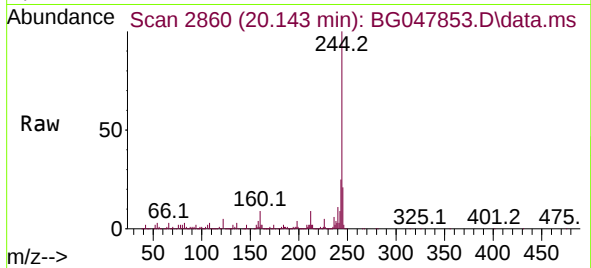




#77
Benzidine
Concen: 3.72 ng
RT: 20.143 min Scan# 2860
Delta R.T. 0.376 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

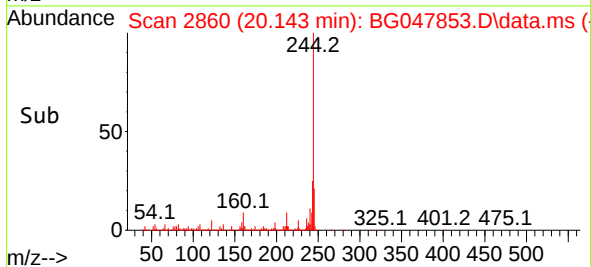
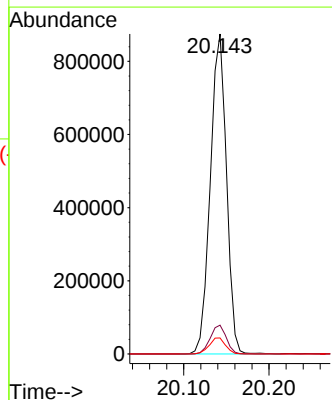
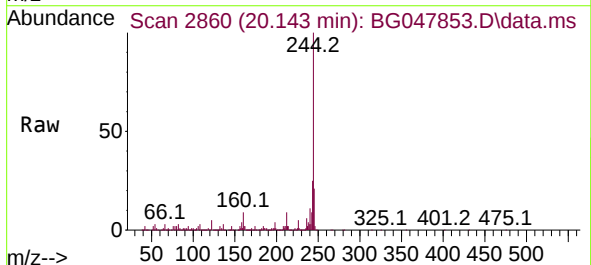
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2(484+26)

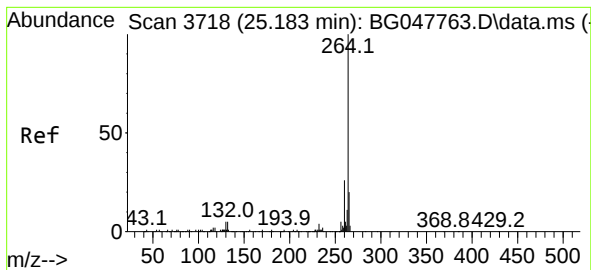
Tgt Ion:184 Resp: 24941
Ion Ratio Lower Upper
184 100
185 27.3 12.4 18.6#
183 15.7 10.6 15.8



#79
Terphenyl-d14
Concen: 76.09 ng
RT: 20.143 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG047853.D
Acq: 31 Dec 2020 18:13

Tgt Ion:244 Resp: 1151282
Ion Ratio Lower Upper
244 100
212 9.0 6.7 10.1
122 5.0 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.178 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG047853.D
 Acq: 31 Dec 2020 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-2(484+26)

Tgt Ion:264 Resp: 253294
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 18.9 17.8 26.8

