

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046856.D
 Acq On : 12 Oct 2020 21:05
 Operator : CG/JU
 Sample : L4316-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26414

Quant Time: Oct 13 02:41:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

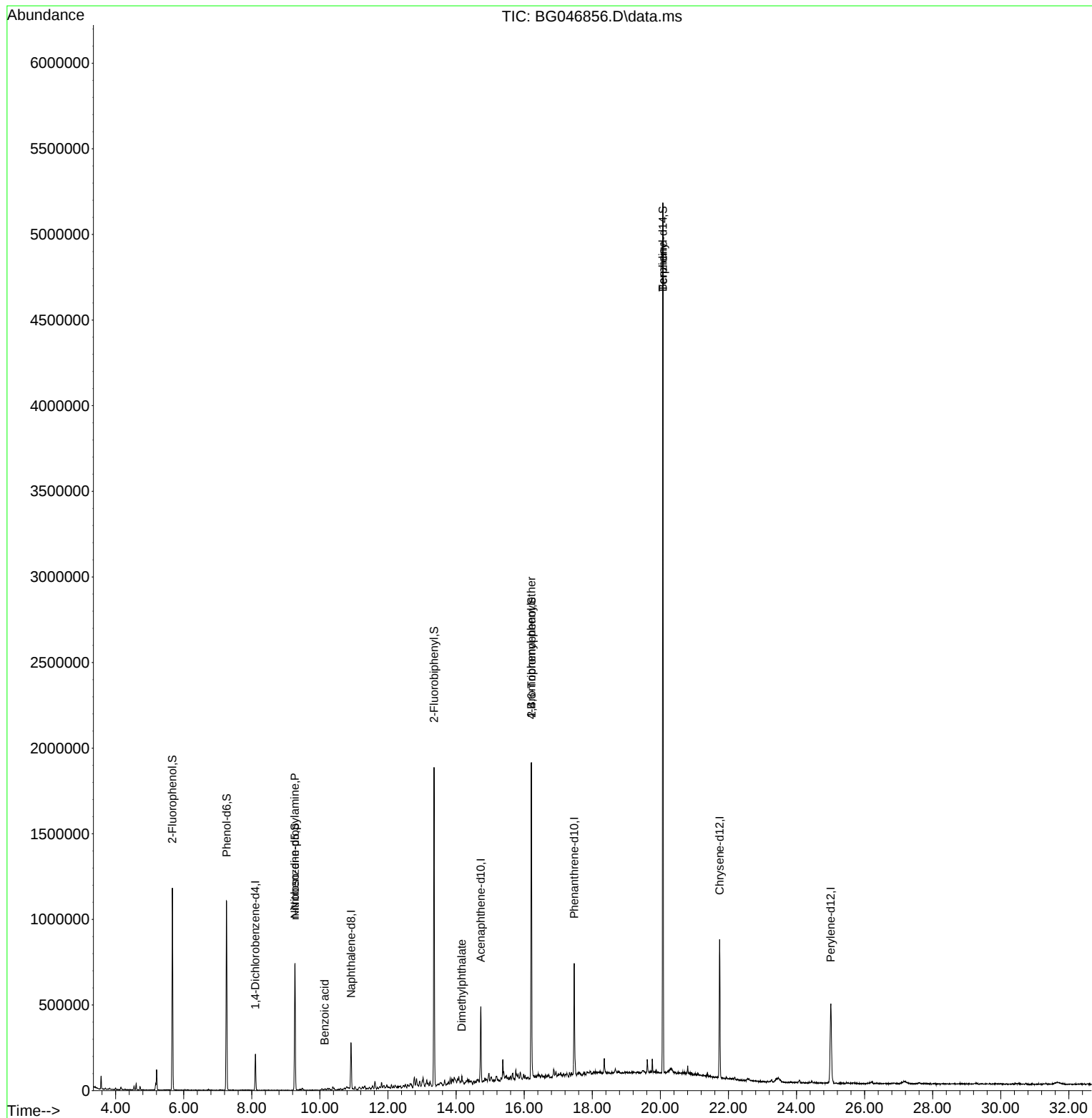
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	56195	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	209572	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	148628	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	420260	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	524614	20.00	ng	#-0.01
86) Perylene-d12	25.003	264	509963	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	462027	131.72	ng	0.00
7) Phenol-d6	7.259	99	603675	122.01	ng	0.00
23) Nitrobenzene-d5	9.269	82	437129	110.97	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	377451	192.60	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	954445	90.91	ng	0.00
79) Terphenyl-d14	20.074	244	2171063	82.94	ng	0.00
Target Compounds						
9) Benzaldehyde	7.254	77	1433	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	65415	19.28	ng	# 73
32) Benzoic acid	10.138	122	968	6.73	ng	90
50) Dimethylphthalate	14.169	163	32849	2.77	ng	99
67) 4-Bromophenyl-phenylether	16.208	248	26171	4.93	ng	# 1
77) Benzidine	20.074	184	40309	2.49	ng	# 80

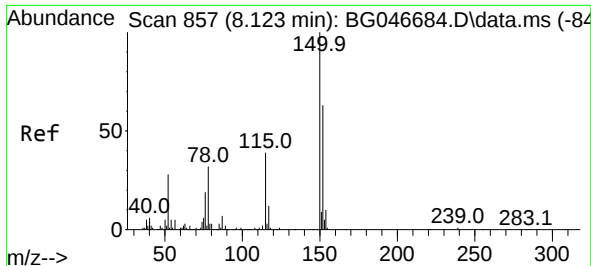
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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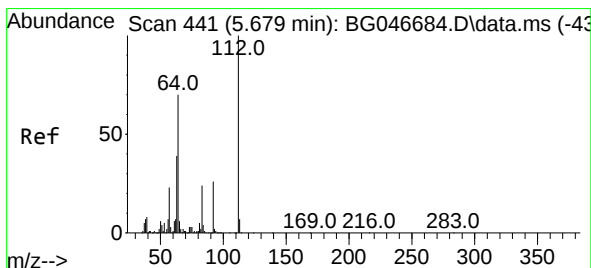
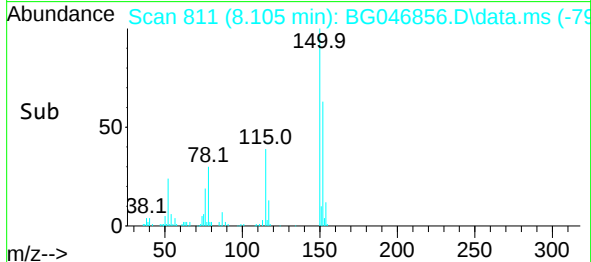
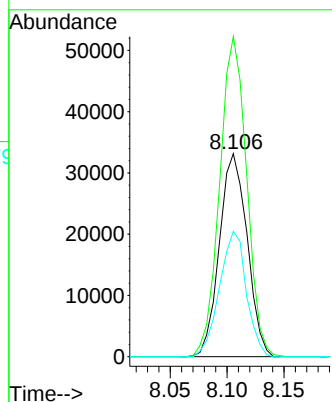
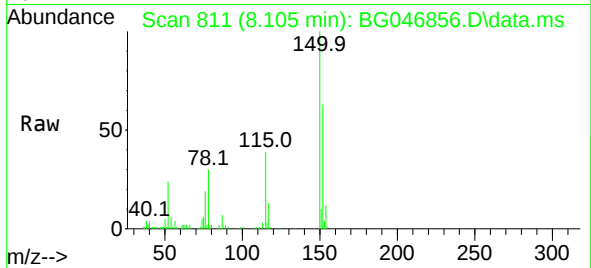




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

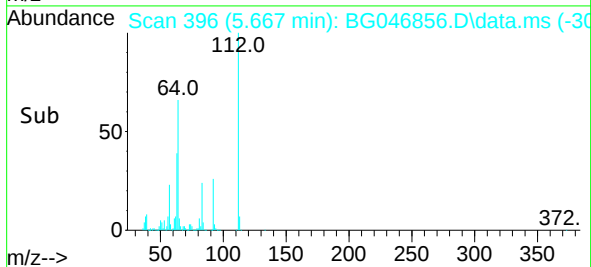
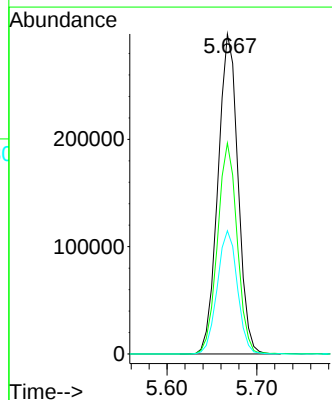
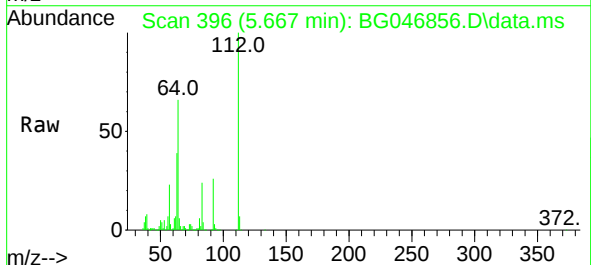
Instrument :
BNA_G
ClientSampleId :
26414

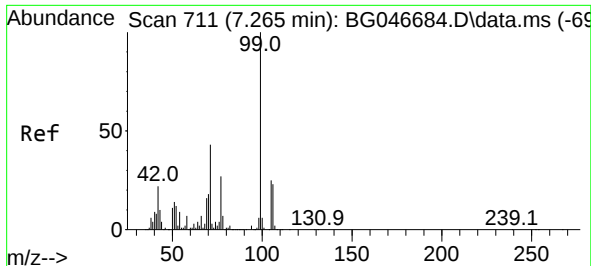
Tgt Ion:152 Resp: 56195
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.6
115 61.7 41.8 62.6



#5
2-Fluorophenol
Concen: 131.72 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion:112 Resp: 462027
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 38.5 22.8 34.2#

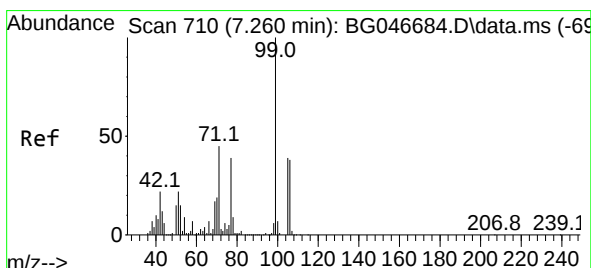
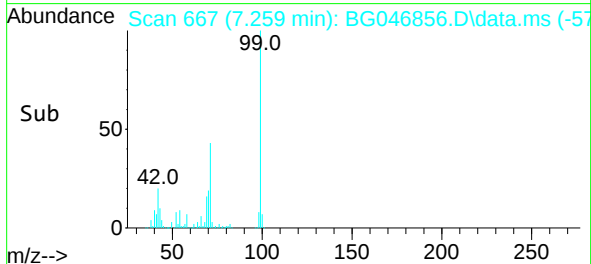
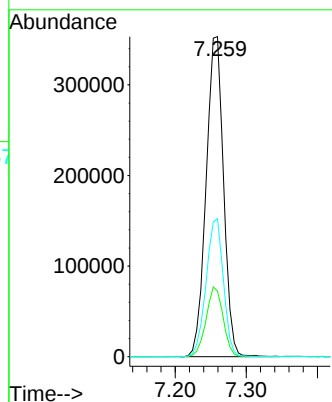
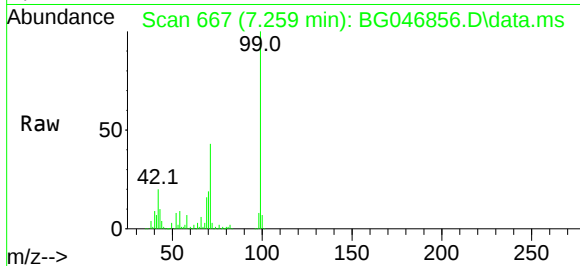




#7
Phenol-d6
Concen: 122.01 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.004 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

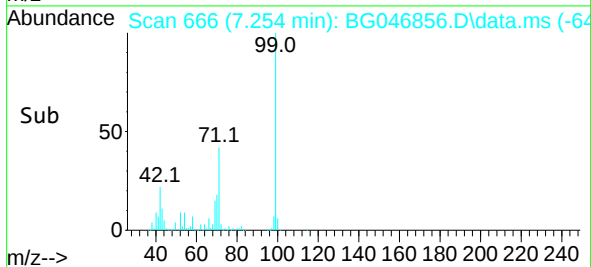
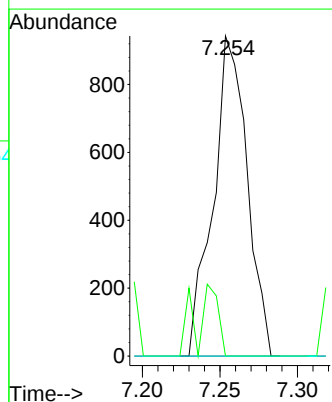
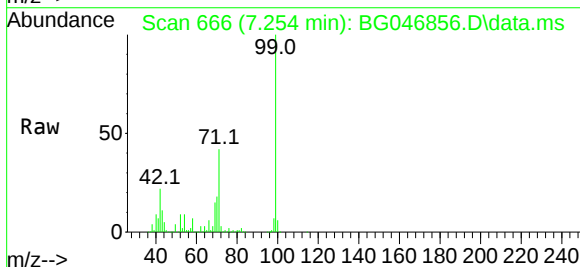
Instrument :
BNA_G
ClientSampleId :
26414

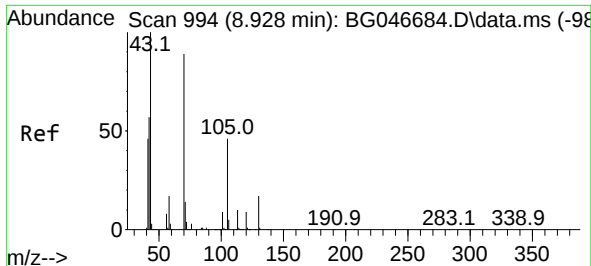
Tgt Ion: 99 Resp: 603675
Ion Ratio Lower Upper
99 100
42 20.5 12.8 19.2#
71 43.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.254 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion: 77 Resp: 1433
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

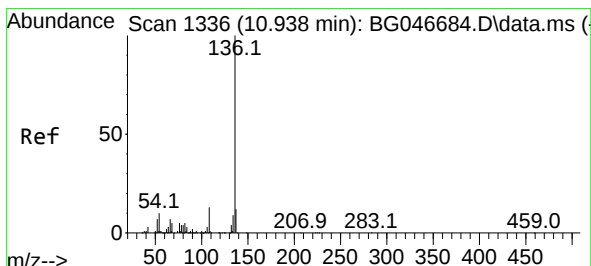
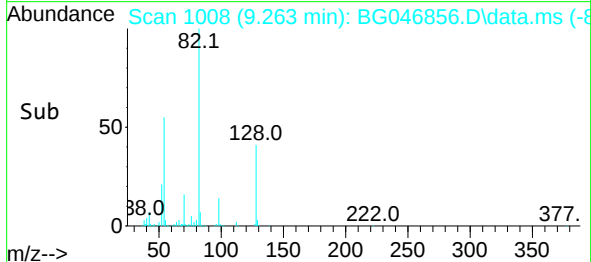
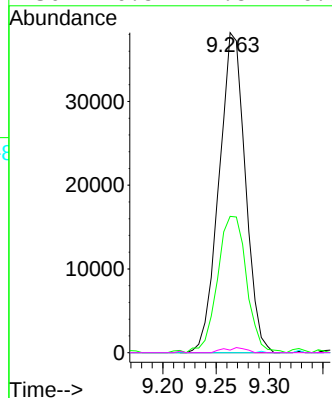
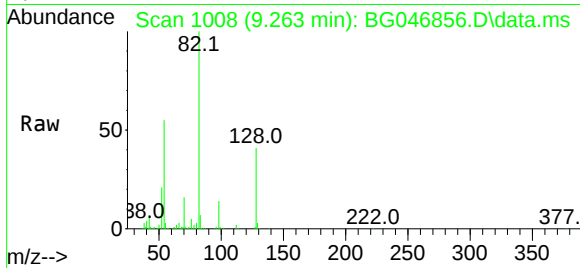




#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

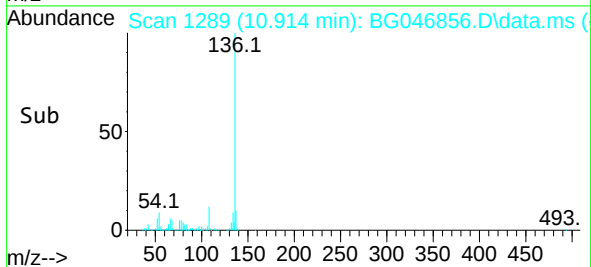
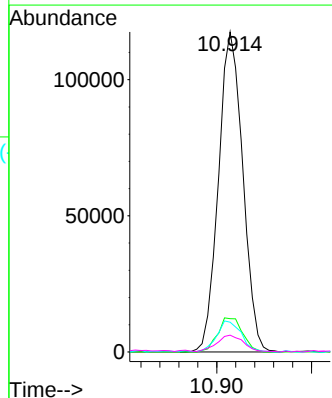
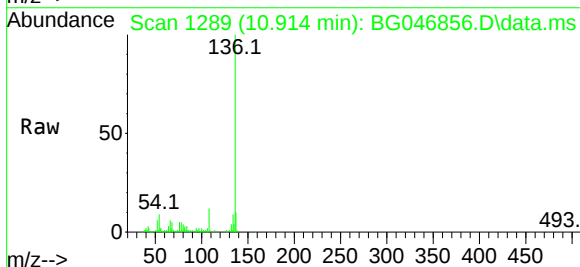
Instrument :
BNA_G
ClientSampleId :
26414

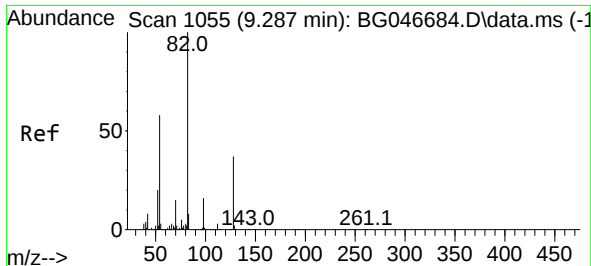
Tgt Ion: 70	Resp: 65415
Ion Ratio	Lower Upper
70 100	
42 42.6	45.6 68.4#
101 0.5	8.4 12.6#
130 0.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion: 136	Resp: 209572
Ion Ratio	Lower Upper
136 100	
137 10.4	9.1 13.7
54 9.3	6.2 9.4
68 5.2	5.0 7.4

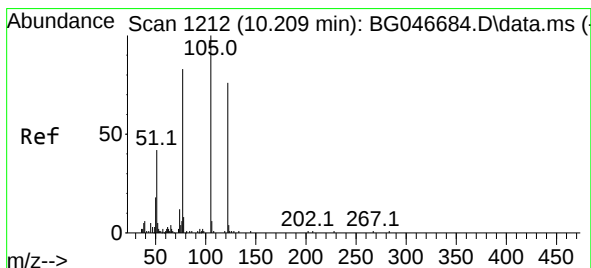
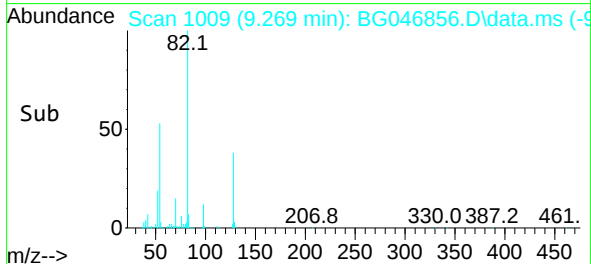
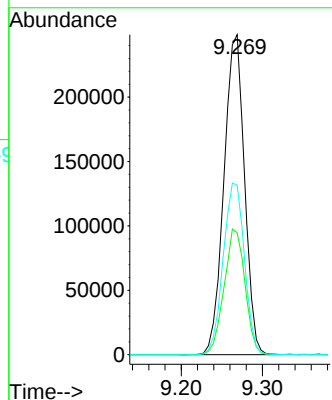
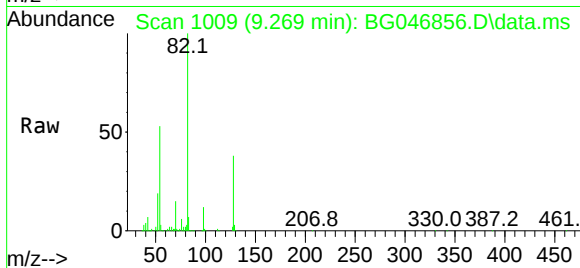




#23
Nitrobenzene-d5
Concen: 110.97 ng
RT: 9.269 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

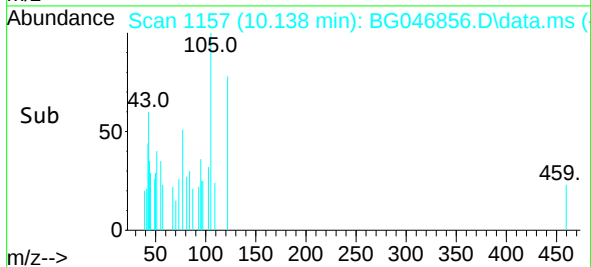
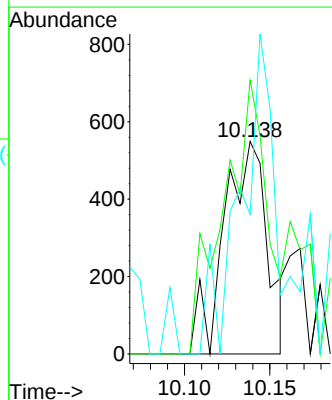
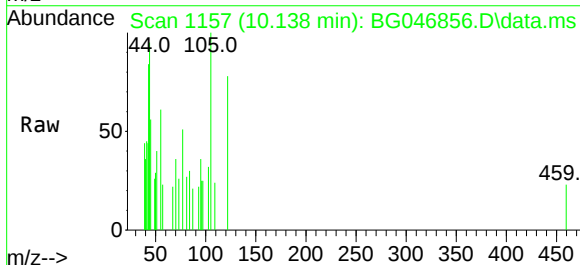
Instrument :
BNA_G
ClientSampled :
26414

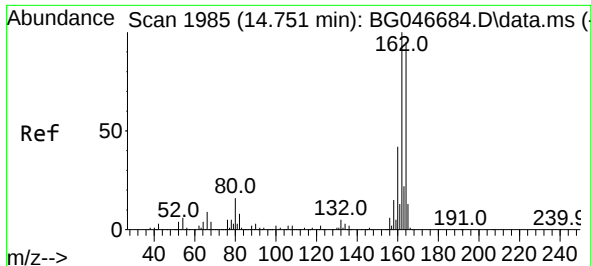
Tgt Ion: 82 Resp: 437129
Ion Ratio Lower Upper
82 100
128 38.1 37.0 55.6
54 53.0 39.0 58.4



#32
Benzoic acid
Concen: 6.73 ng
RT: 10.138 min Scan# 1157
Delta R.T. -0.055 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion: 122 Resp: 968
Ion Ratio Lower Upper
122 100
105 129.0 103.7 143.7
77 65.8 63.0 103.0

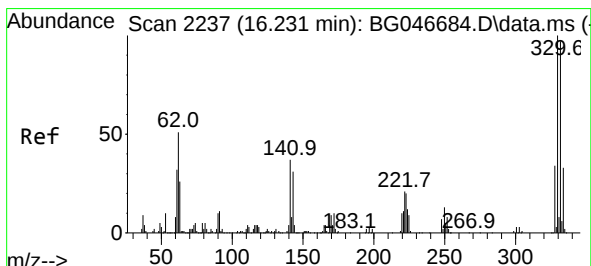
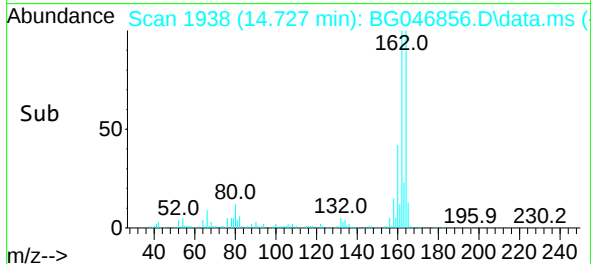
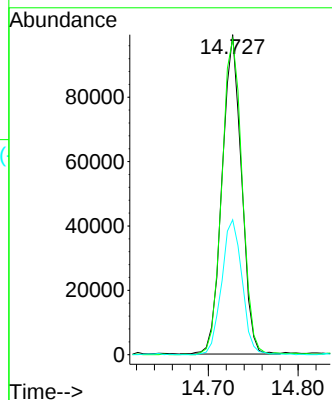
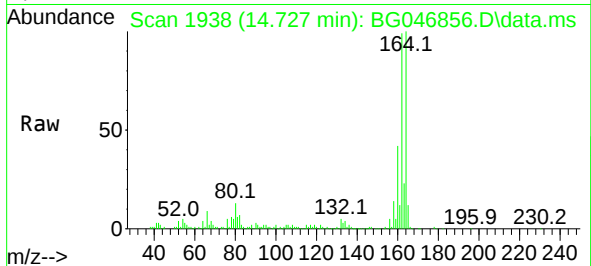




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

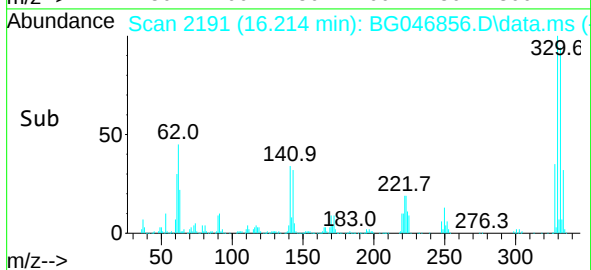
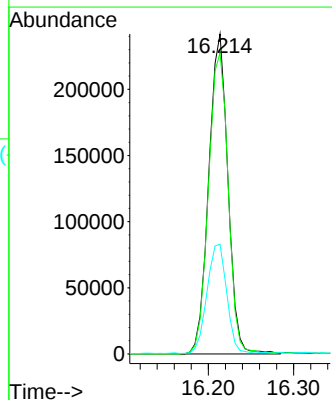
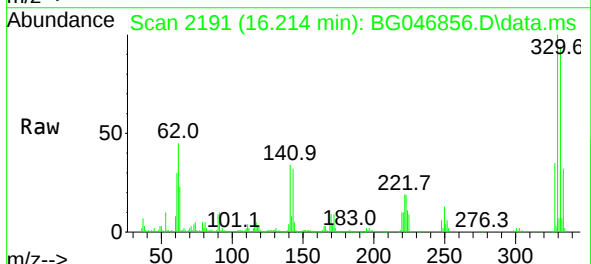
Instrument :
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ClientSampleId :
26414

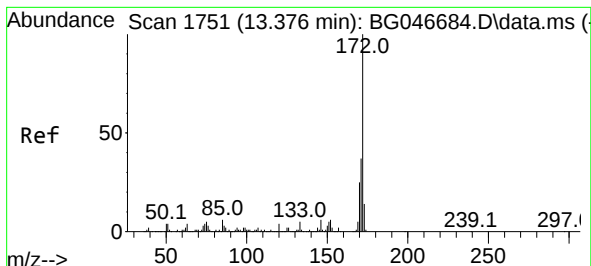
Tgt Ion:164 Resp: 148628
Ion Ratio Lower Upper
164 100
162 98.7 82.3 123.5
160 42.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 192.60 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

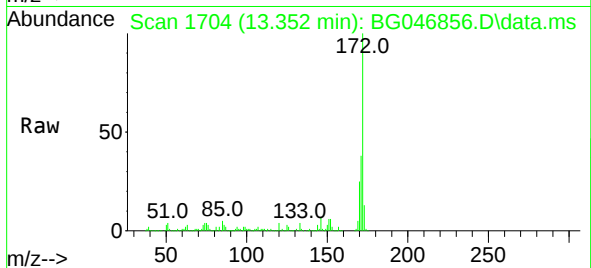
Tgt Ion:330 Resp: 377451
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 35.3 26.0 39.0



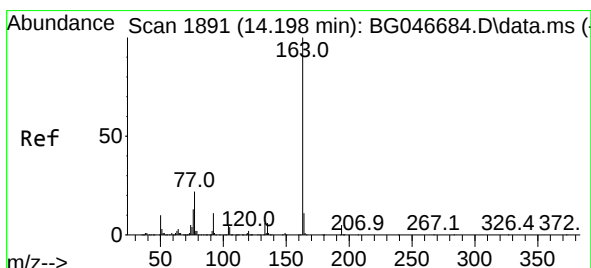
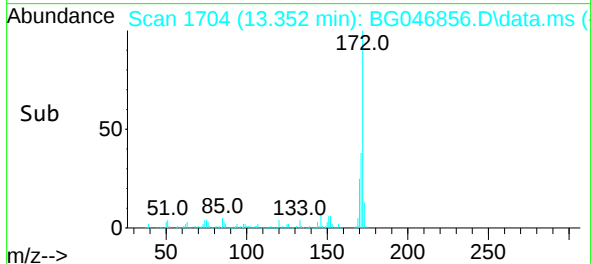
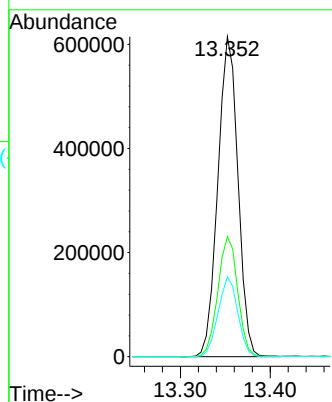


#45
2-Fluorobiphenyl
Concen: 90.91 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Instrument :
BNA_G
ClientSampleId :
26414

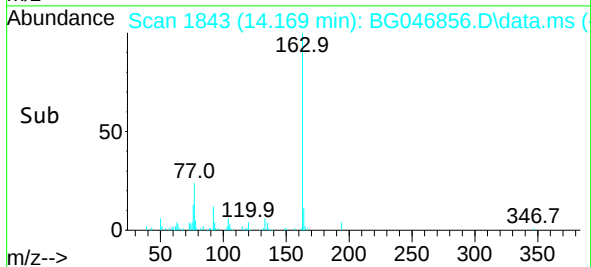
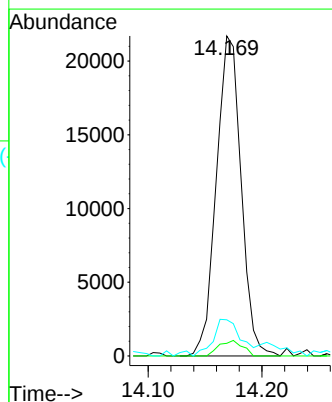
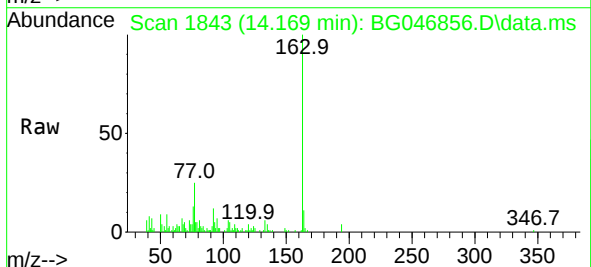


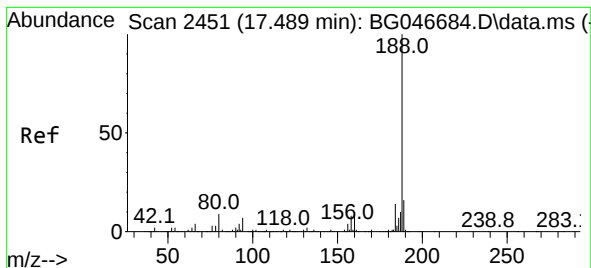
Tgt Ion:172 Resp: 954445
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 25.0 20.8 31.2



#50
Dimethylphthalate
Concen: 2.77 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.014 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion:163 Resp: 32849
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.8
164 11.3 8.8 13.2

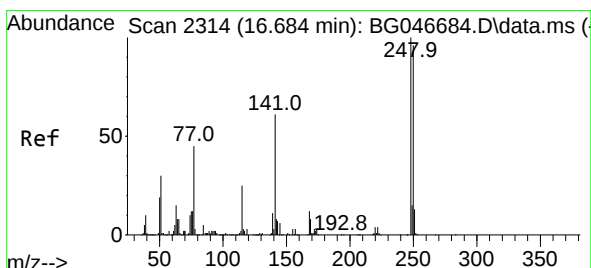
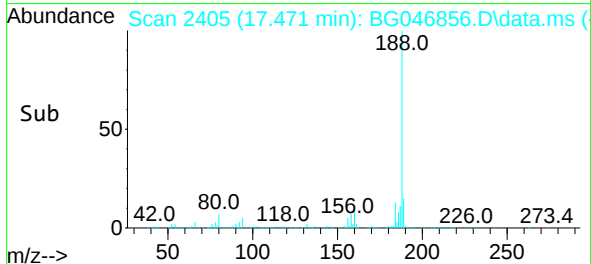
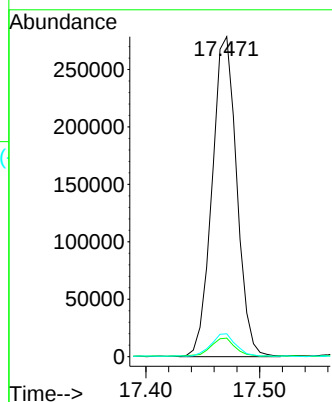
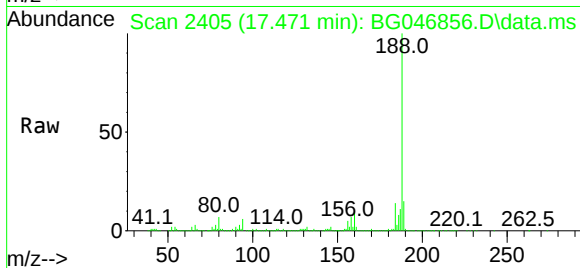




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

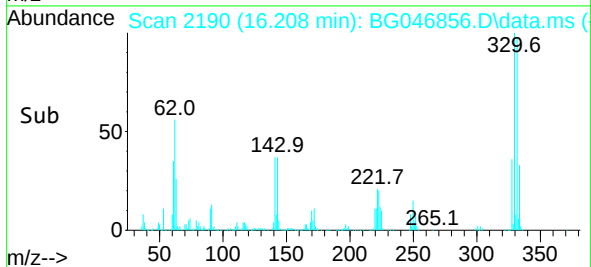
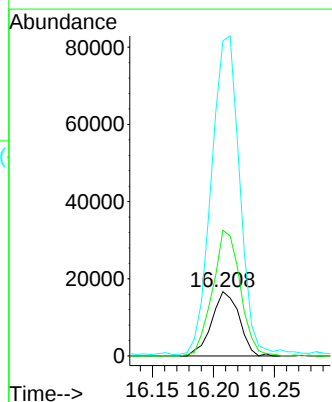
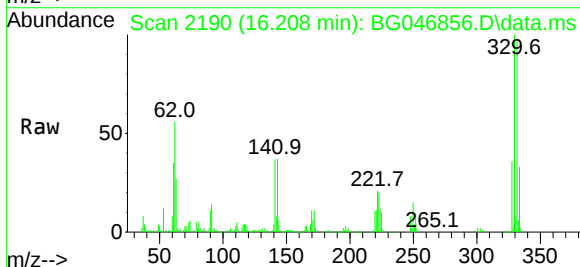
Instrument :
BNA_G
ClientSampleId :
26414

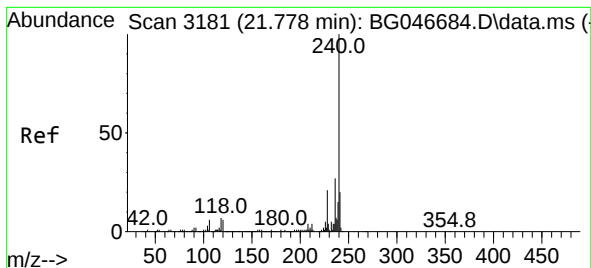
Tgt Ion:188 Resp: 420260
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.455 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion:248 Resp: 26171
Ion Ratio Lower Upper
248 100
250 193.4 78.9 118.3#
141 373.2 46.2 69.4#

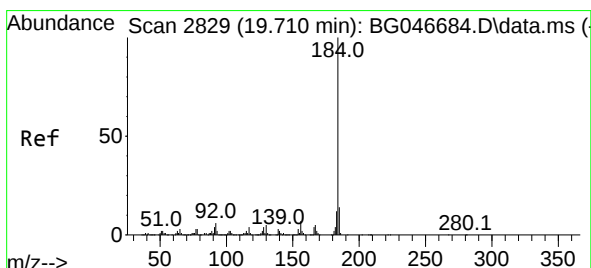
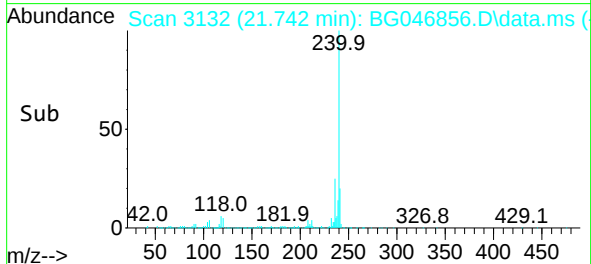
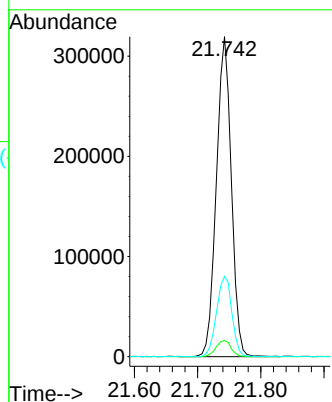
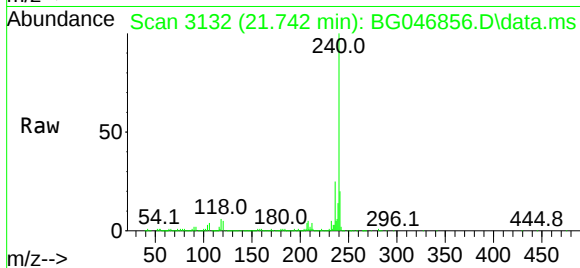




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

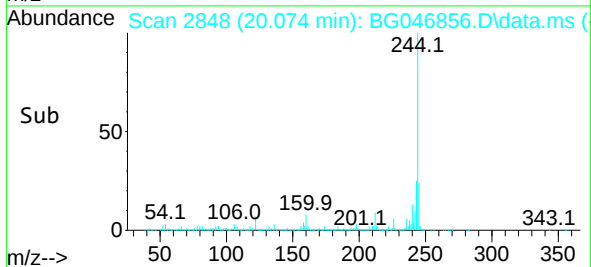
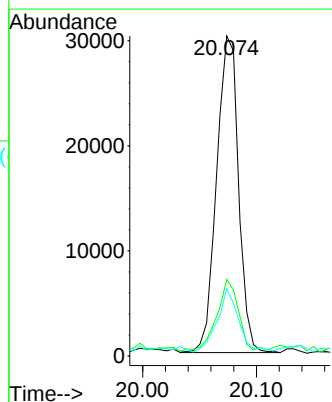
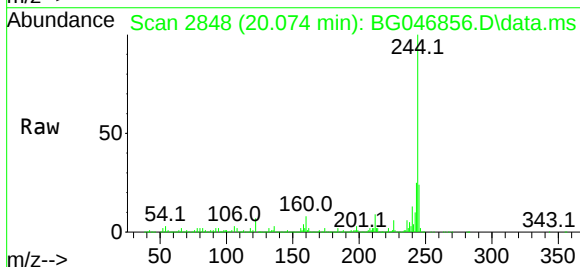
Instrument :
BNA_G
ClientSampleId :
26414

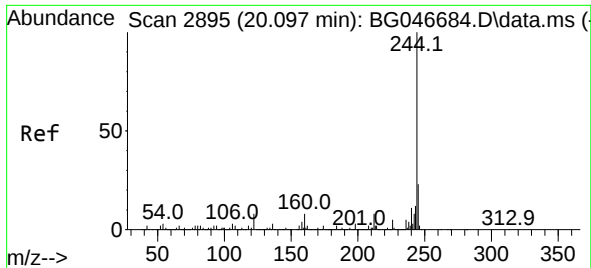
Tgt Ion:240 Resp: 524614
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.1 20.5 30.7



#77
Benzidine
Concen: 2.49 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion:184 Resp: 40309
Ion Ratio Lower Upper
184 100
185 23.9 12.4 18.6#
183 21.0 10.6 15.8#

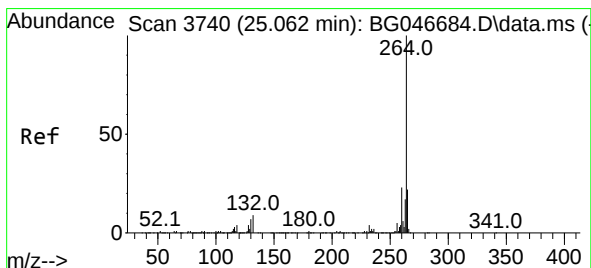
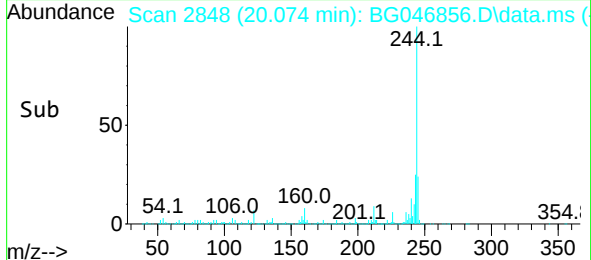
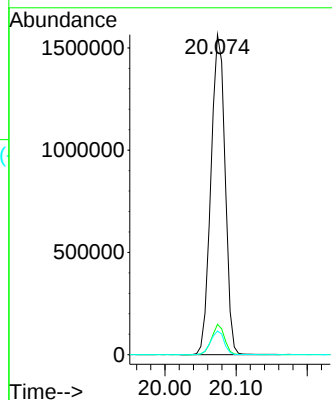
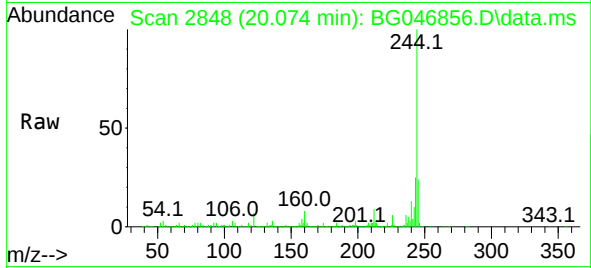




#79
Terphenyl-d14
Concen: 82.94 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Instrument :
BNA_G
ClientSampleId :
26414

Tgt Ion:244 Resp: 2171063
Ion Ratio Lower Upper
244 100
212 9.5 6.7 10.1
122 7.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.003 min Scan# 3687
Delta R.T. -0.026 min
Lab File: BG046856.D
Acq: 12 Oct 2020 21:05

Tgt Ion:264 Resp: 509963
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.4 17.8 26.8

