

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046703.D
 Acq On : 25 Sep 2020 15:48
 Operator : CG/JU
 Sample : L4103-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-8-(2.5-3)

Quant Time: Sep 25 16:41:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

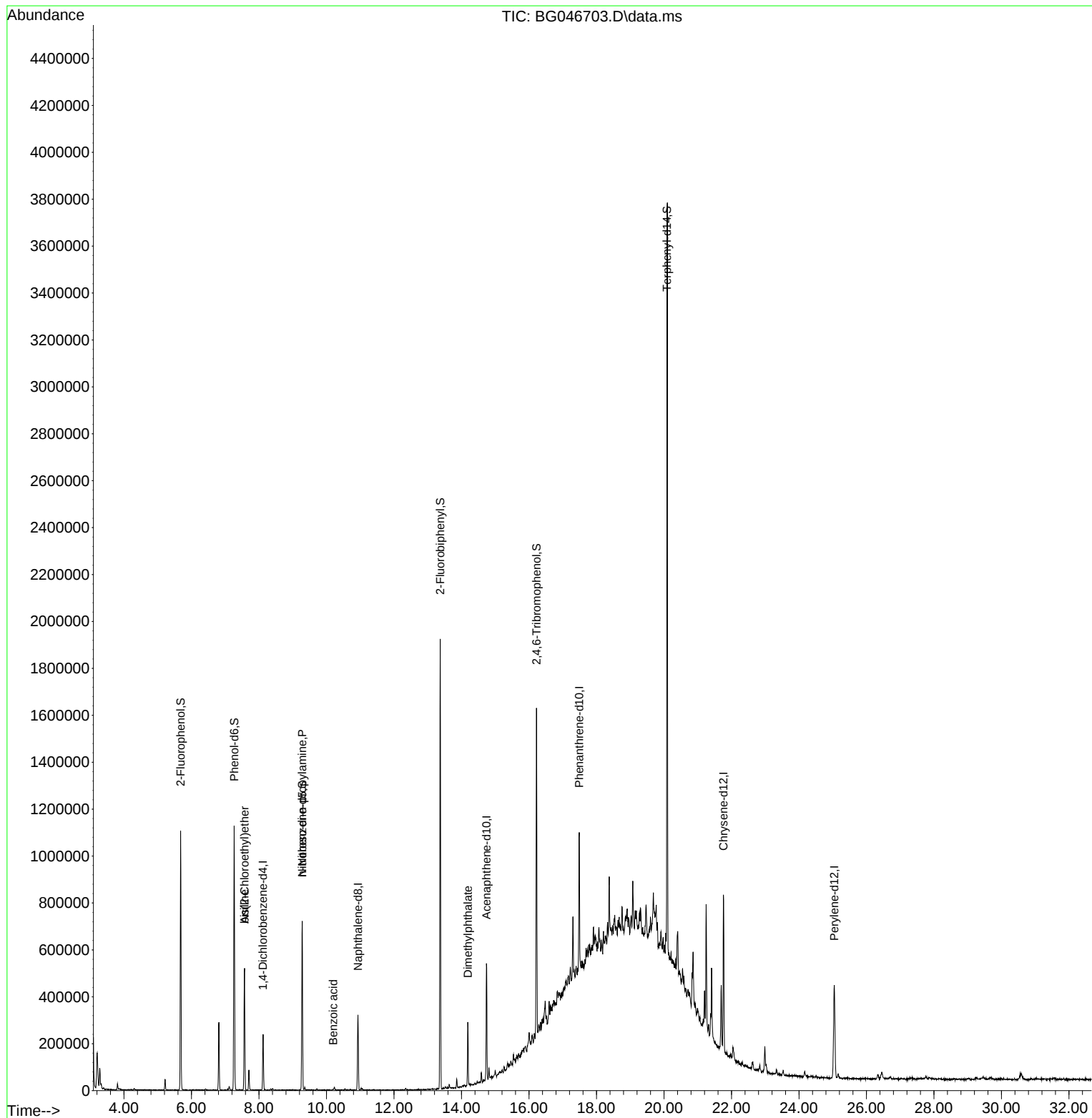
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	66069	20.00	ng	0.00
21) Naphthalene-d8	10.932	136	250659	20.00	ng	# 0.00
39) Acenaphthene-d10	14.740	164	172979	20.00	ng	-0.01
64) Phenanthrene-d10	17.489	188	362788	20.00	ng	0.00
76) Chrysene-d12	21.761	240	422934	20.00	ng	#-0.02
86) Perylene-d12	25.045	264	432601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	428252	103.84	ng	0.00
7) Phenol-d6	7.266	99	576554	99.11	ng	0.00
23) Nitrobenzene-d5	9.281	82	406028	86.18	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	248673	109.03	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	932544	76.32	ng	0.00
79) Terphenyl-d14	20.092	244	1374908	65.15	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.572	93	188054	26.75	ng	# 54
9) Benzaldehyde	7.260	77	1499	Below Cal		# 7
11) bis(2-Chloroethyl)ether	7.572	93	188054	42.02	ng	# 24
19) n-Nitroso-di-n-propyla...	9.281	70	59442	14.90	ng	# 80
32) Benzoic acid	10.198	122	57	6.36	ng	# 22
50) Dimethylphthalate	14.187	163	163923	11.86	ng	98

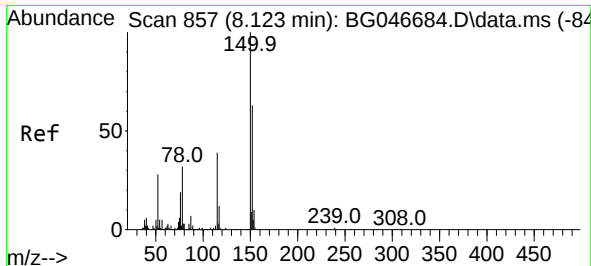
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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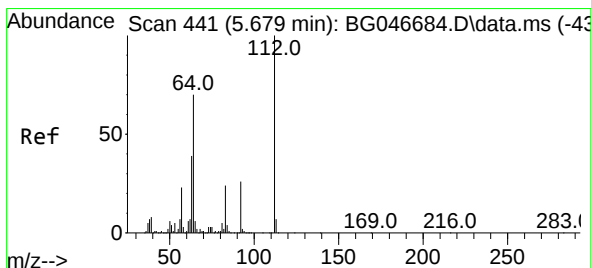
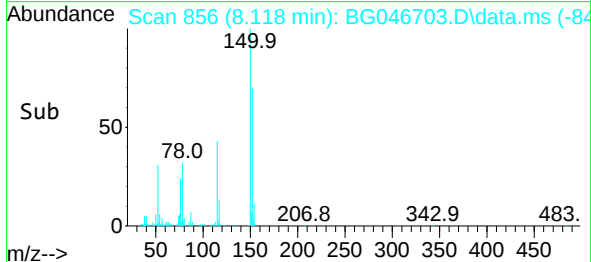
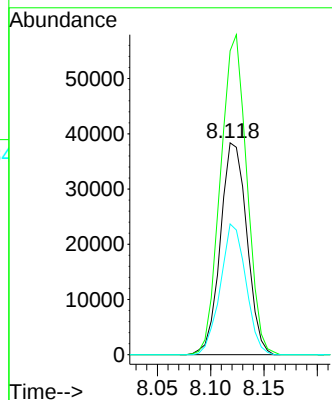
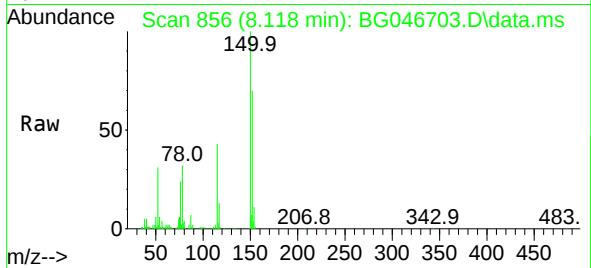




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 856
Delta R.T. -0.005 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

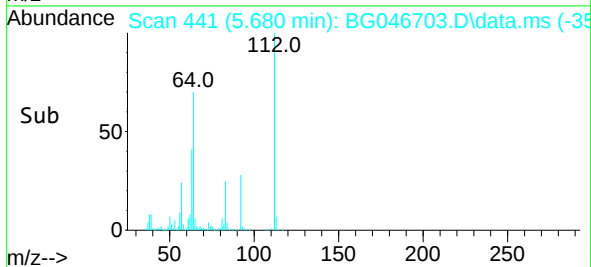
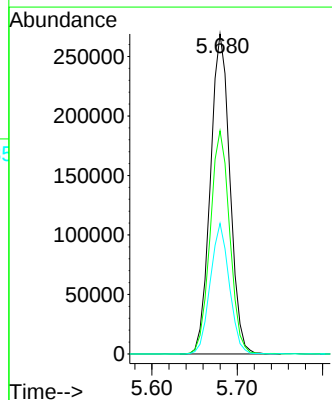
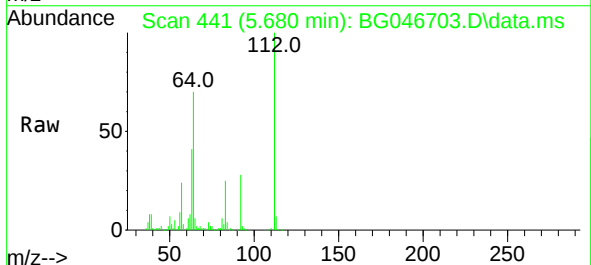
Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

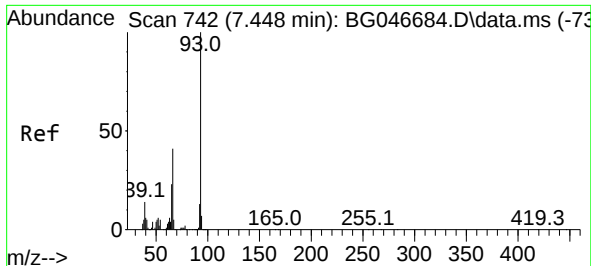
Tgt Ion:152 Resp: 66069
Ion Ratio Lower Upper
152 100
150 143.4 125.0 187.6
115 61.7 41.8 62.6



#5
2-Fluorophenol
Concen: 103.84 ng
RT: 5.680 min Scan# 441
Delta R.T. 0.001 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion:112 Resp: 428252
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 40.8 22.8 34.2#

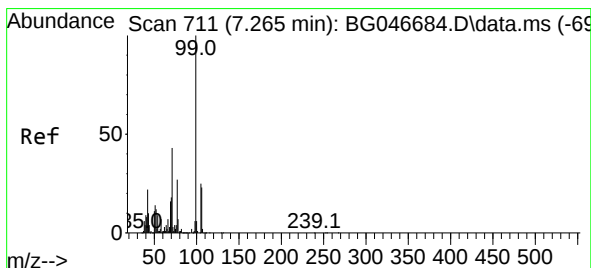
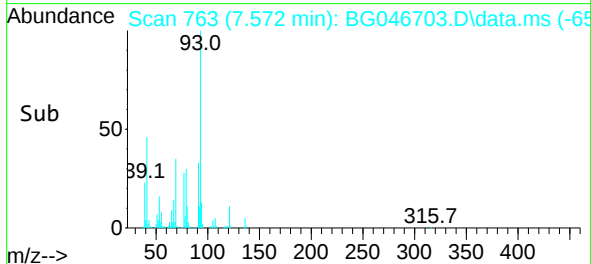
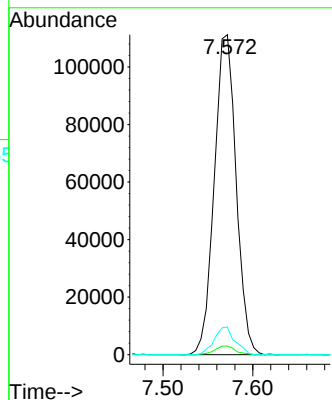
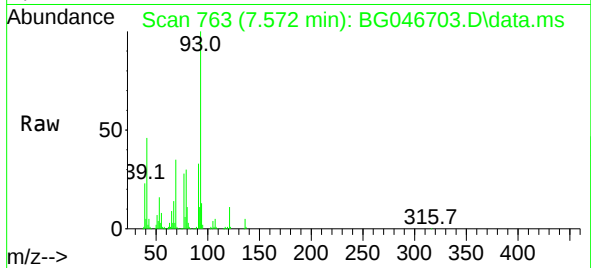




#6
Aniline
Concen: 26.75 ng
RT: 7.572 min Scan# 763
Delta R.T. 0.124 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

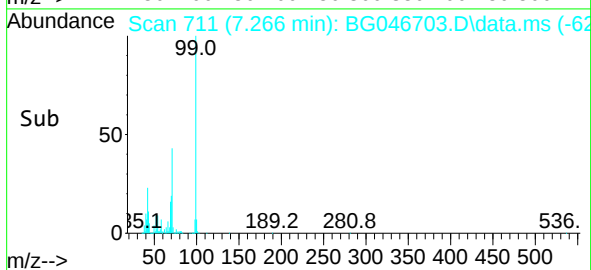
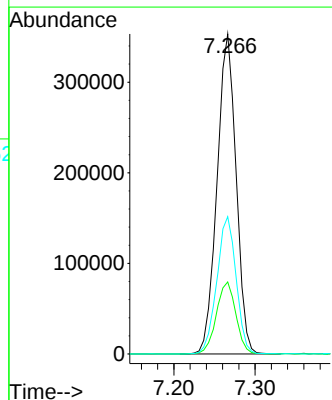
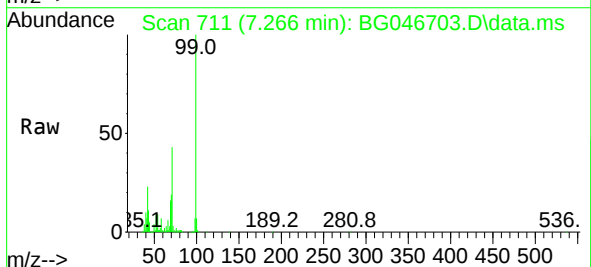
Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

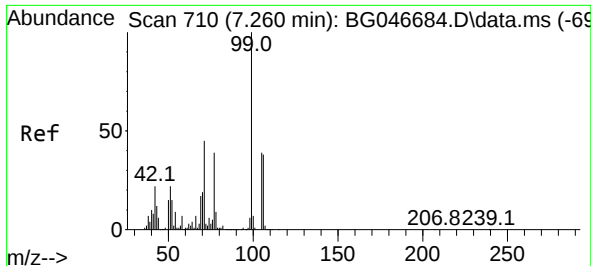
Tgt Ion: 93 Resp: 188054
Ion Ratio Lower Upper
93 100
66 2.7 29.5 44.3#
65 8.6 15.5 23.3#



#7
Phenol-d6
Concen: 99.11 ng
RT: 7.266 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion: 99 Resp: 576554
Ion Ratio Lower Upper
99 100
42 22.5 12.8 19.2#
71 42.9 24.6 36.8#

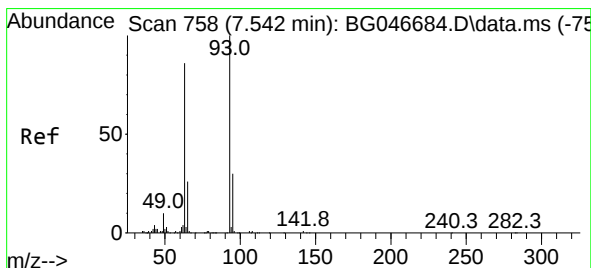
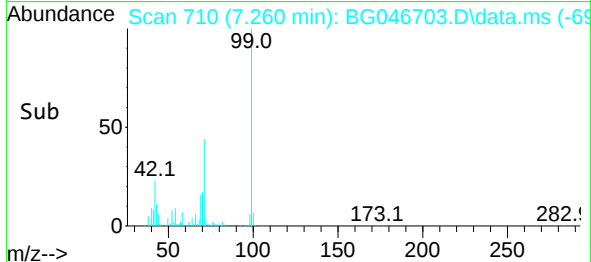
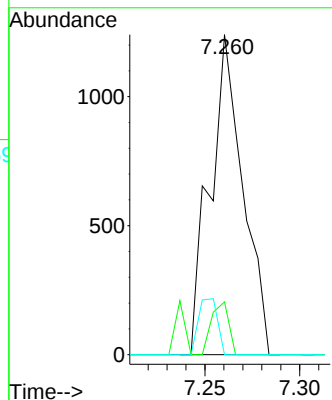
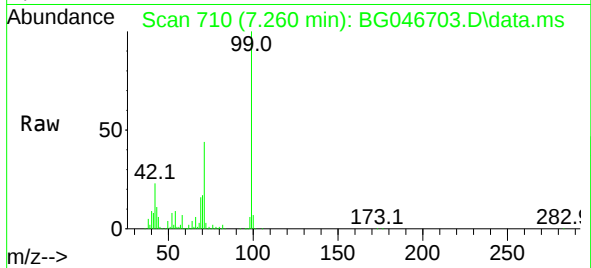




#9
Benzaldehyde
Concen: Below Cal
RT: 7.260 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

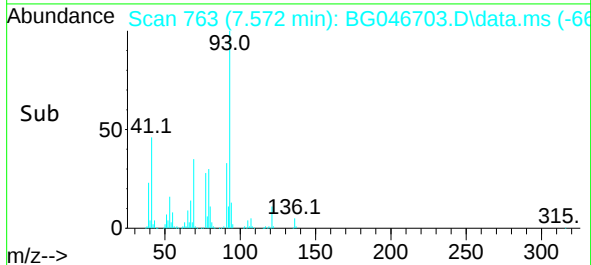
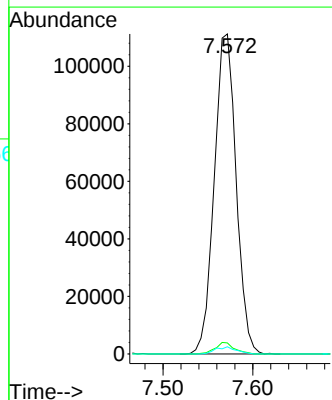
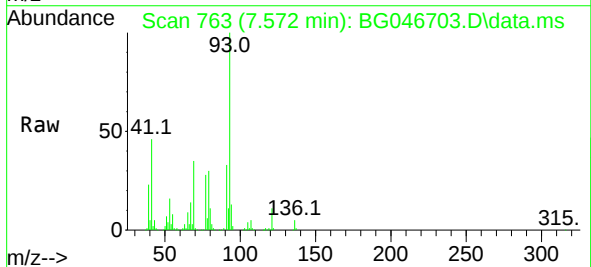
Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

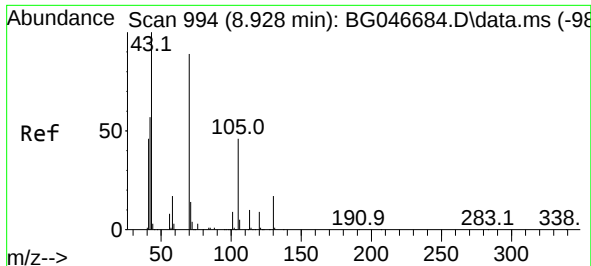
Tgt Ion: 77 Resp: 1499
Ion Ratio Lower Upper
77 100
105 16.5 85.9 125.9#
106 0.0 80.9 120.9#



#11
bis(2-Chloroethyl)ether
Concen: 42.02 ng
RT: 7.572 min Scan# 763
Delta R.T. 0.030 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

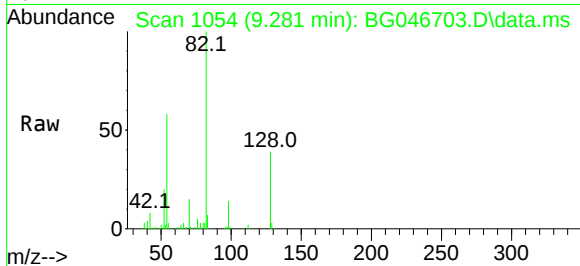
Tgt Ion: 93 Resp: 188054
Ion Ratio Lower Upper
93 100
63 3.4 56.4 96.4#
95 2.3 13.8 53.8#



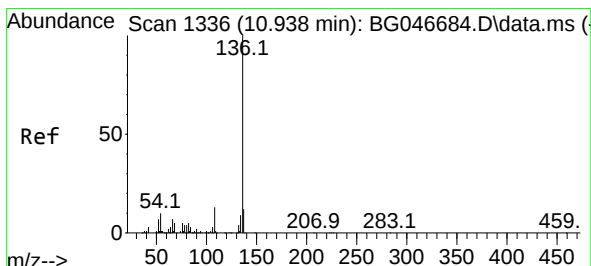
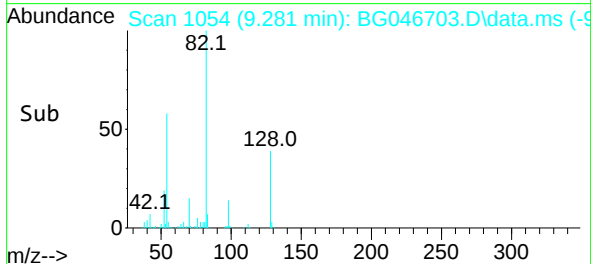
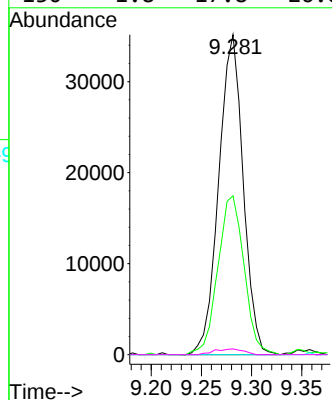


#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 9.281 min Scan# 1054
Delta R.T. 0.353 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

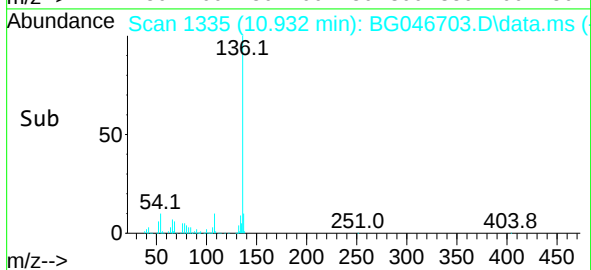
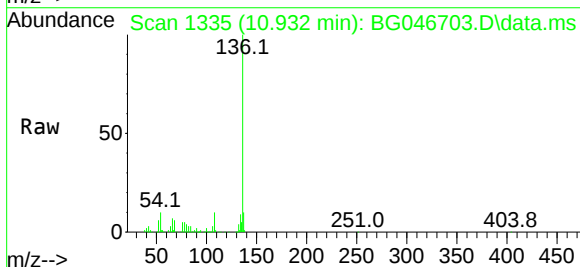
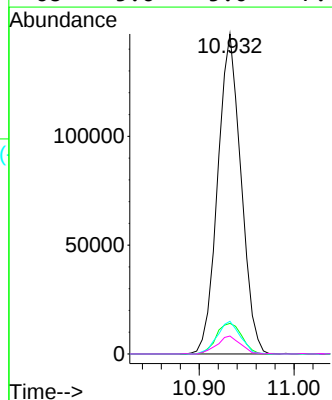


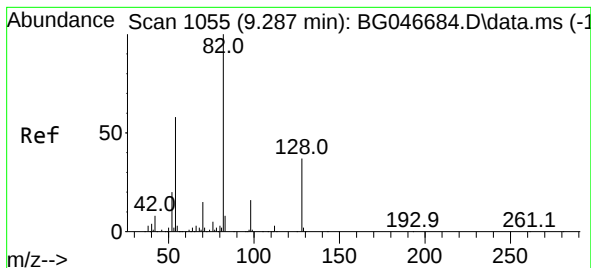
Tgt Ion: 70 Resp: 59442
Ion Ratio Lower Upper
70 100
42 49.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion: 136 Resp: 250659
Ion Ratio Lower Upper
136 100
137 9.6 9.1 13.7
54 10.2 6.2 9.4#
68 5.6 5.0 7.4

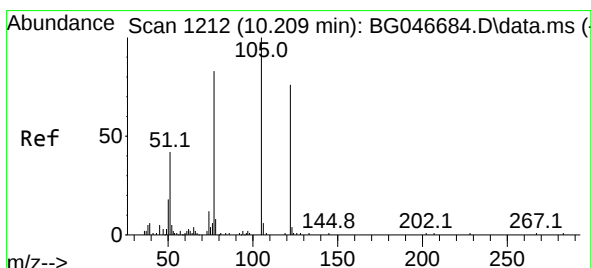
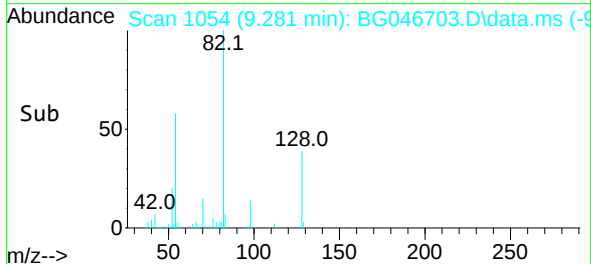
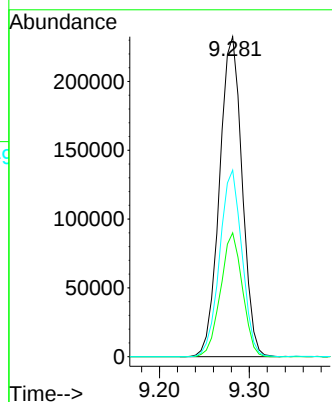
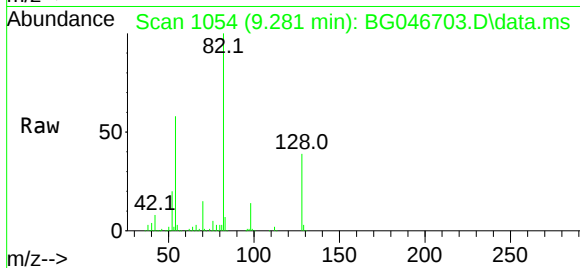




#23
Nitrobenzene-d5
Concen: 86.18 ng
RT: 9.281 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

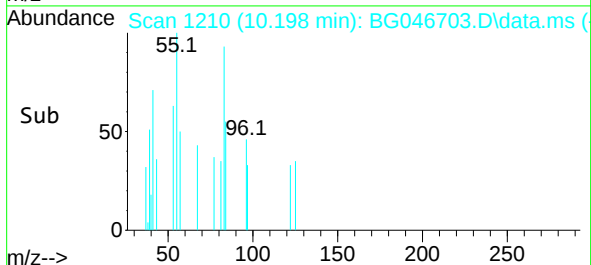
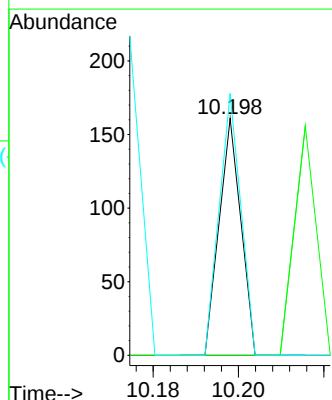
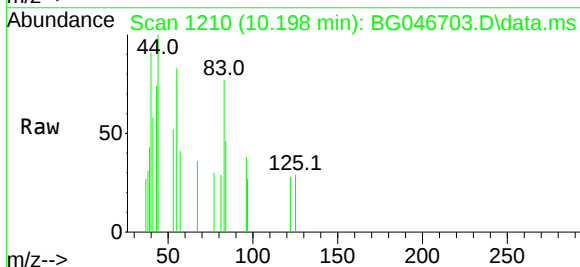
Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

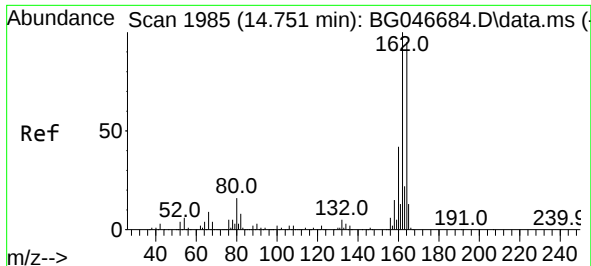
Tgt Ion: 82 Resp: 406028
Ion Ratio Lower Upper
82 100
128 38.7 37.0 55.6
54 58.3 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.198 min Scan# 1210
Delta R.T. -0.011 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 110.6 63.0 103.0#

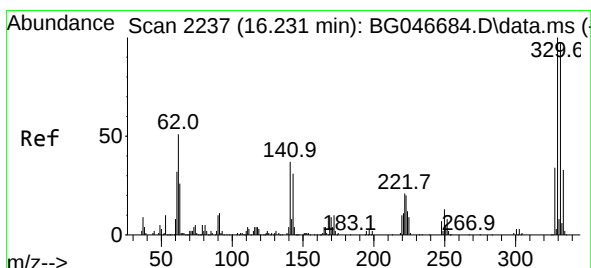
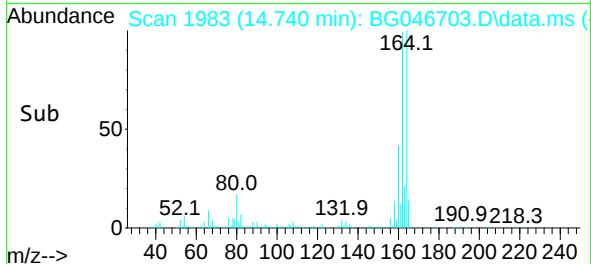
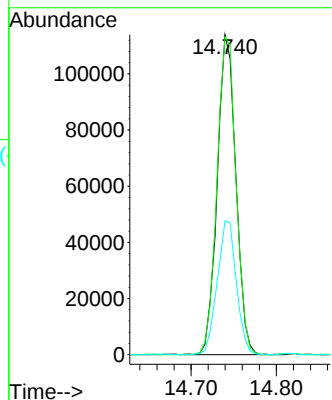
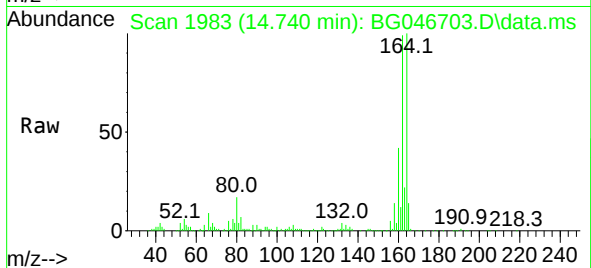




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.740 min Scan# 1983
Delta R.T. -0.011 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

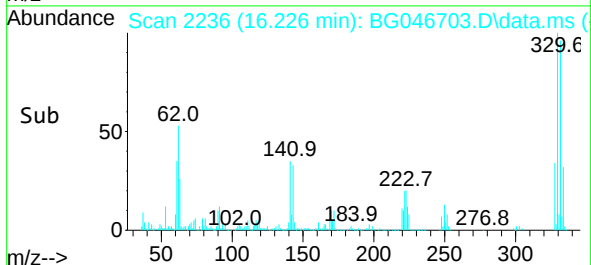
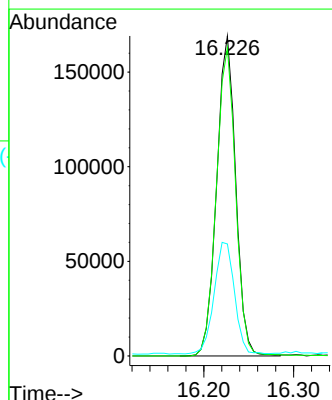
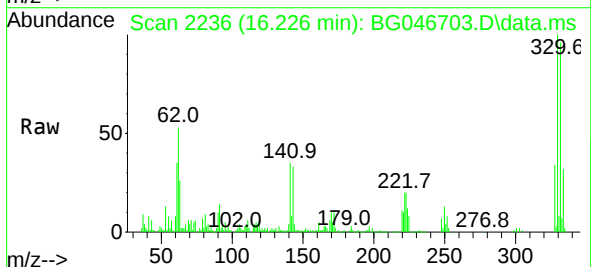
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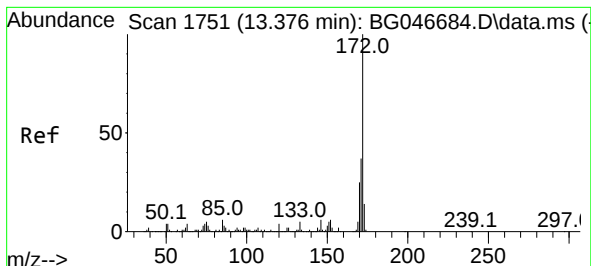
Tgt Ion:164 Resp: 172979
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 41.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 109.03 ng
RT: 16.226 min Scan# 2236
Delta R.T. -0.005 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion:330 Resp: 248673
Ion Ratio Lower Upper
330 100
332 97.8 76.5 114.7
141 37.2 26.0 39.0

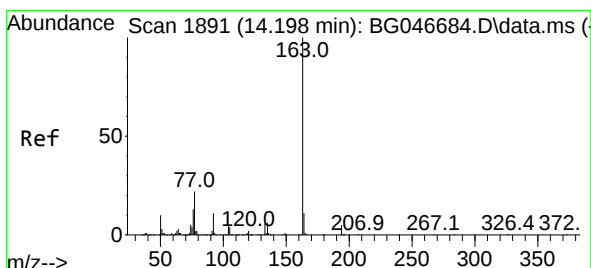
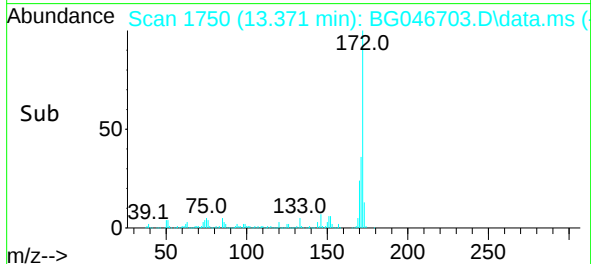
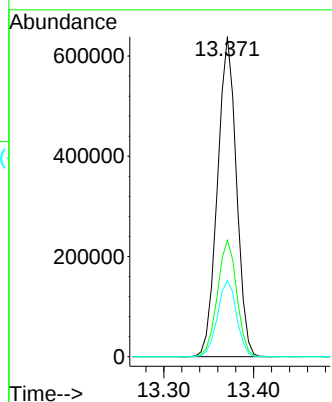
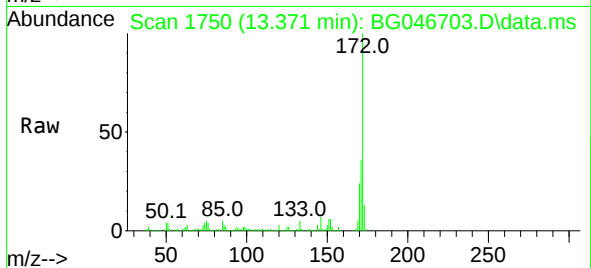




#45
2-Fluorobiphenyl
Concen: 76.32 ng
RT: 13.371 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

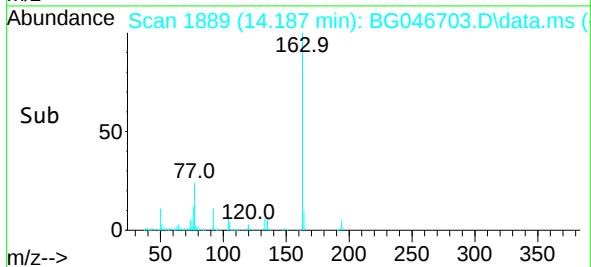
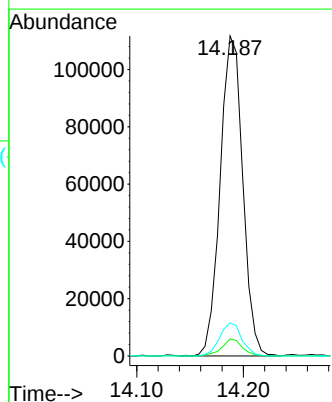
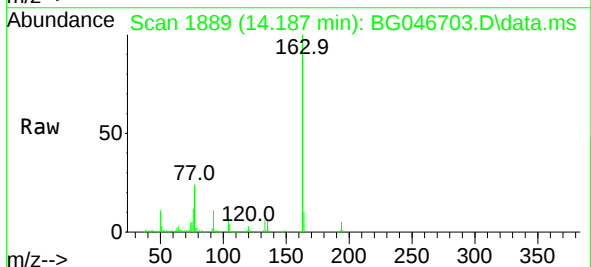
Instrument :
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PE-8-(2.5-3)

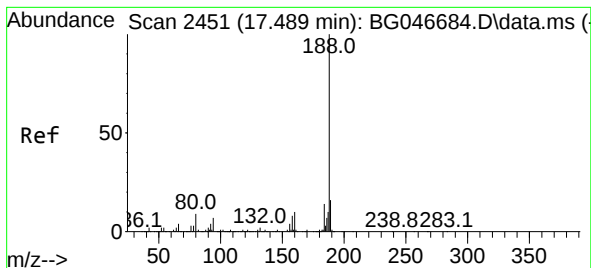
Tgt Ion:172 Resp: 932544
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 23.7 20.8 31.2



#50
Dimethylphthalate
Concen: 11.86 ng
RT: 14.187 min Scan# 1889
Delta R.T. -0.011 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion:163 Resp: 163923
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 10.4 8.8 13.2

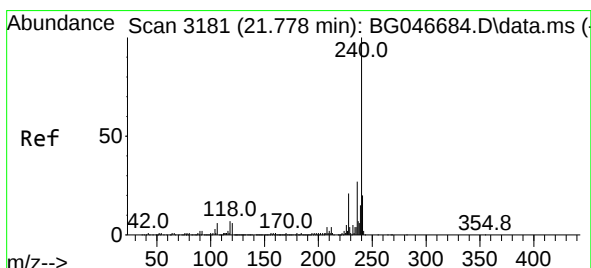
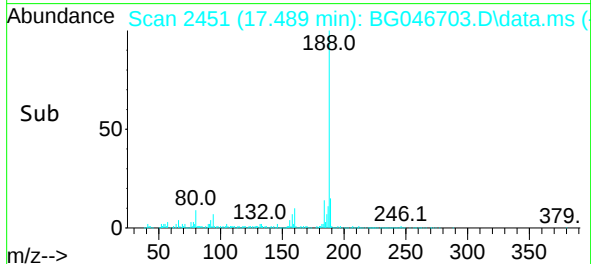
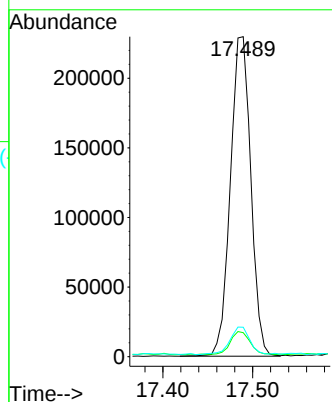
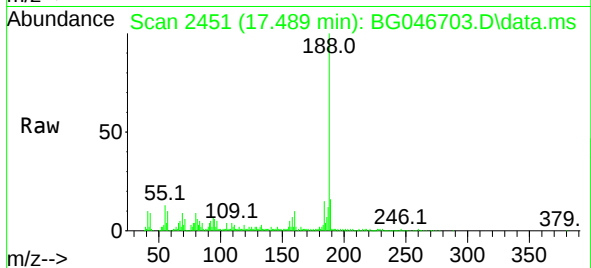




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

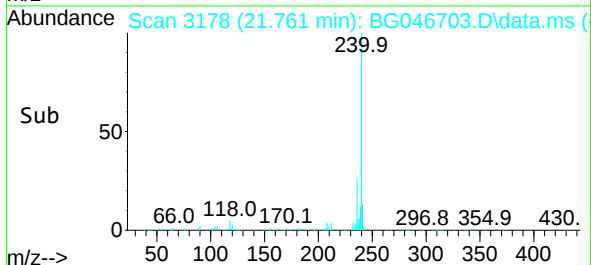
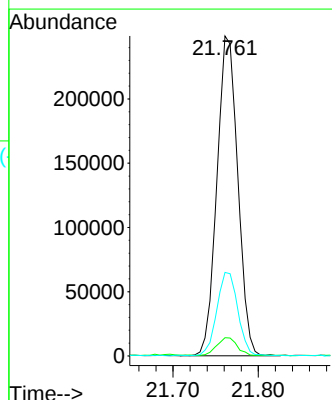
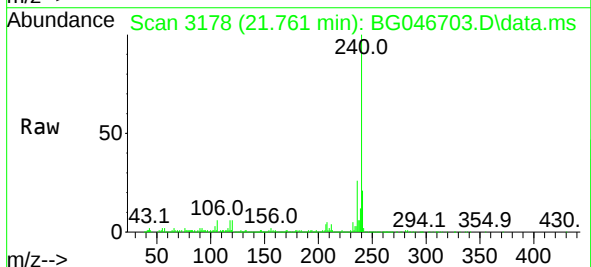
Instrument :
BNA_G
ClientSampleId :
PE-8-(2.5-3)

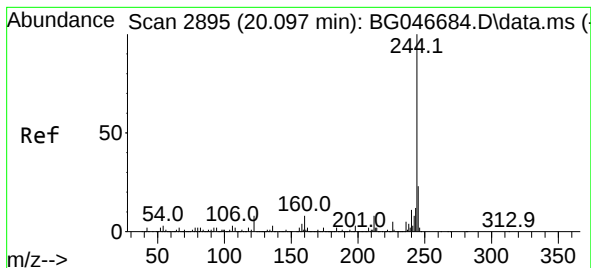
Tgt Ion:188 Resp: 362788
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 9.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.761 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BG046703.D
Acq: 25 Sep 2020 15:48

Tgt Ion:240 Resp: 422934
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 26.1 20.5 30.7

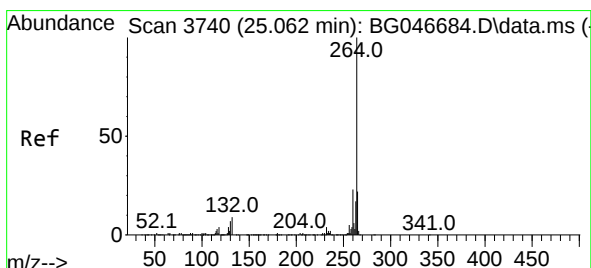
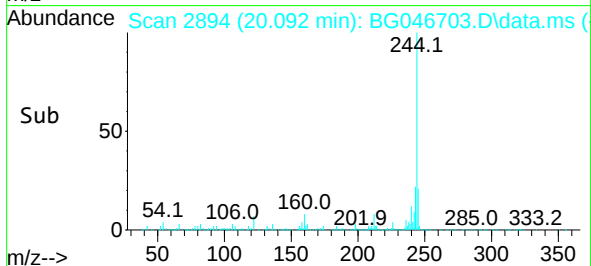
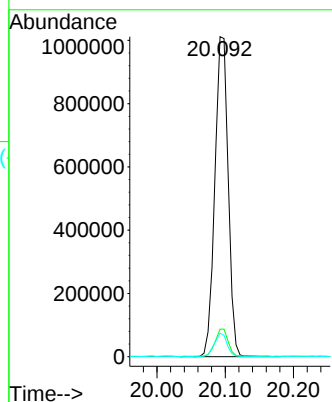
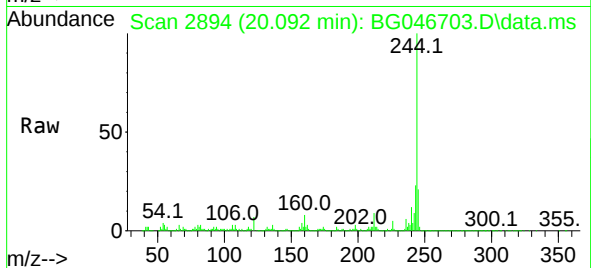




#79
 Terphenyl-d14
 Concen: 65.15 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.005 min
 Lab File: BG046703.D
 Acq: 25 Sep 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PE-8-(2.5-3)

Tgt Ion:244 Resp: 1374908
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 7.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.045 min Scan# 3737
 Delta R.T. -0.017 min
 Lab File: BG046703.D
 Acq: 25 Sep 2020 15:48

Tgt Ion:264 Resp: 432601
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.6 17.8 26.8

