

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046859.D
 Acq On : 13 Oct 2020 2:27
 Operator : CG/JU
 Sample : PB132258BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132258BL

Quant Time: Oct 13 04:38:50 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)

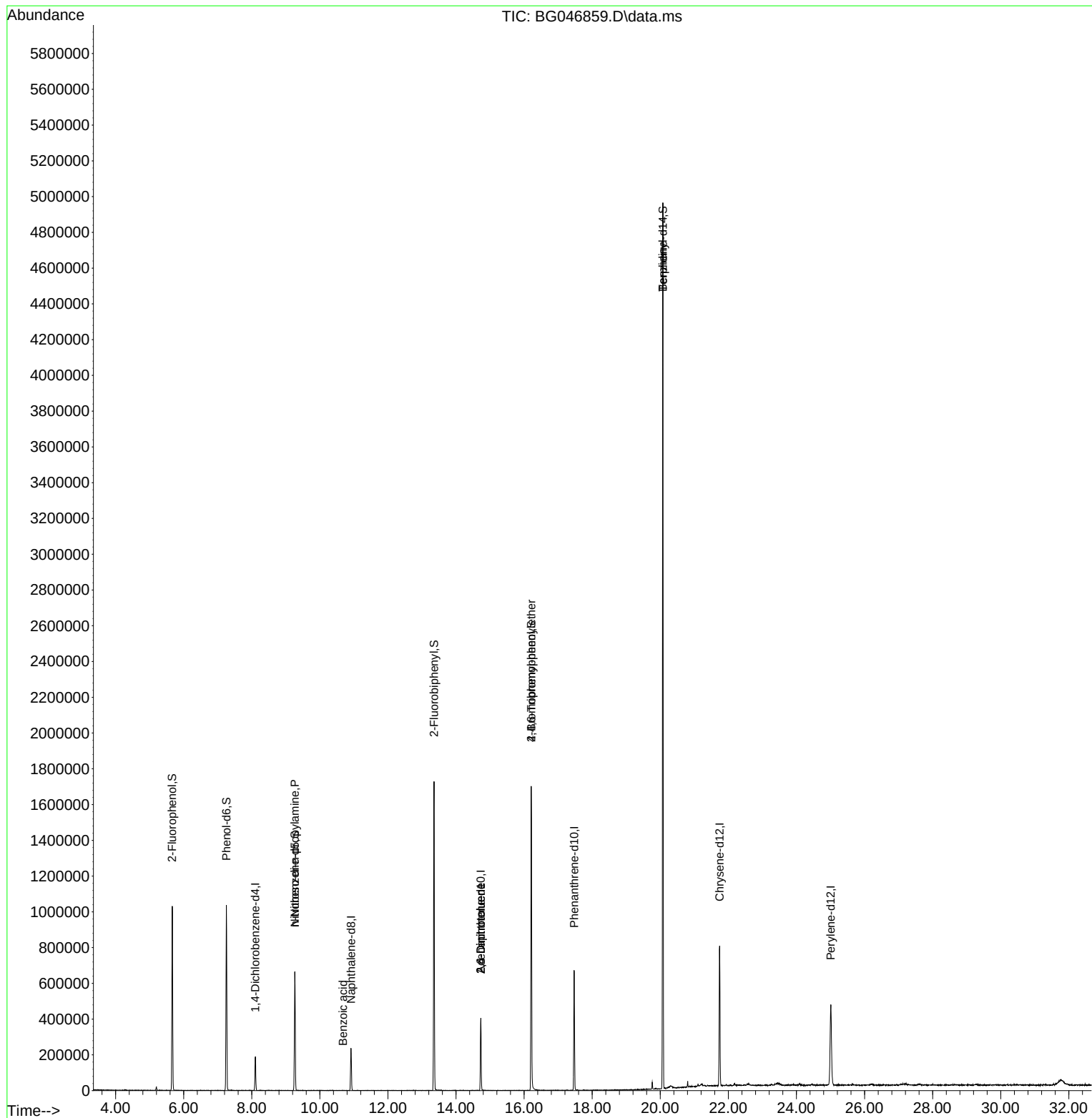
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	52993	20.00	ng	0.00
21) Naphthalene-d8	10.915	136	200493	20.00	ng	0.00
39) Acenaphthene-d10	14.728	164	146247	20.00	ng	0.00
64) Phenanthrene-d10	17.472	188	439690	20.00	ng	# 0.00
76) Chrysene-d12	21.744	240	527367	20.00	ng	#-0.01
86) Perylene-d12	25.010	264	503663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	427884	129.35	ng	0.00
7) Phenol-d6	7.255	99	554729	118.89	ng	0.00
23) Nitrobenzene-d5	9.264	82	389079	103.24	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	346184	179.52	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	913590	88.44	ng	0.00
79) Terphenyl-d14	20.075	244	2159570	82.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.261	77	1334	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.264	70	57171	17.87	ng	# 78
32) Benzoic acid	10.680	122	53	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.728	165	19302	10.17	ng	# 34
57) 2,4-Dinitrotoluene	14.728	165	19302	7.68	ng	# 32
67) 4-Bromophenyl-phenylether	16.209	248	24051	4.33	ng	# 1
77) Benzidine	20.075	184	37445	2.30	ng	# 92

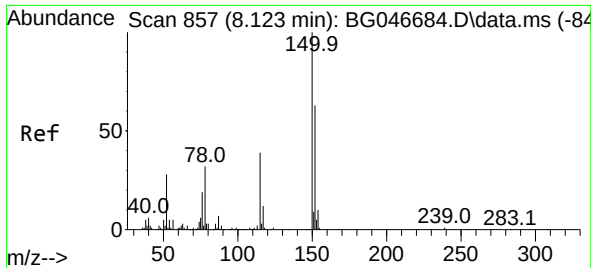
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

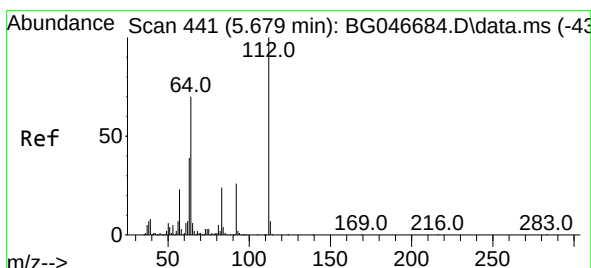
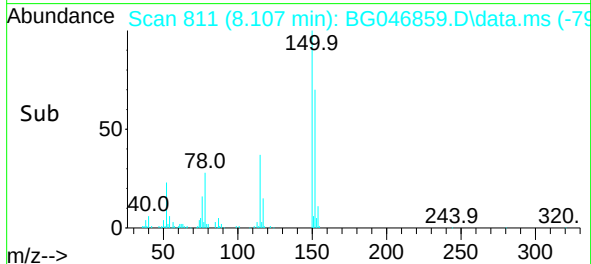
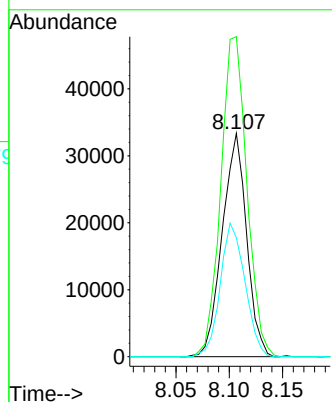
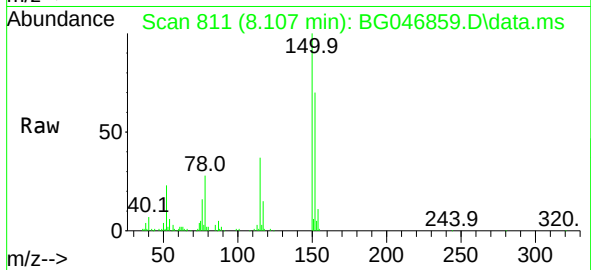




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.107 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

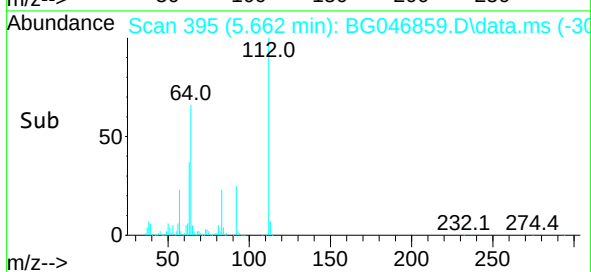
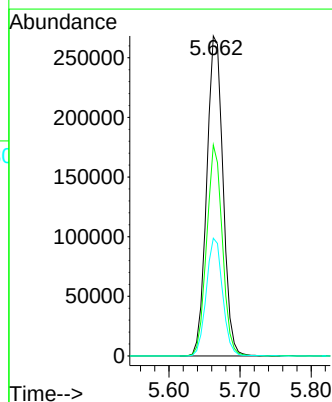
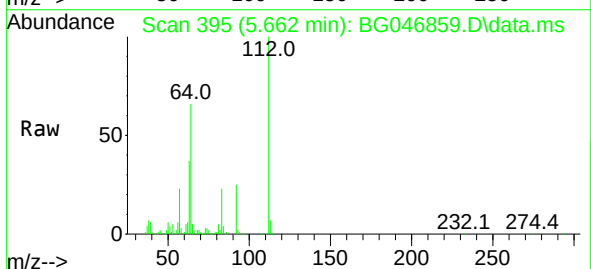
Instrument :
BNA_G
ClientSampleId :
PB132258BL

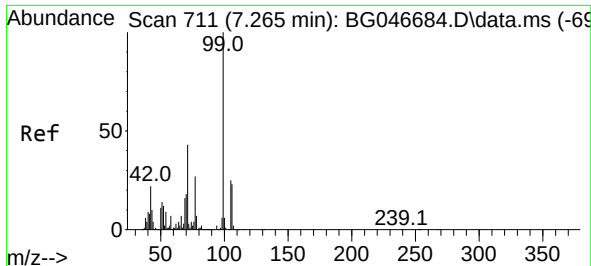
Tgt Ion:152 Resp: 52993
Ion Ratio Lower Upper
152 100
150 143.3 125.0 187.6
115 53.3 41.8 62.6



#5
2-Fluorophenol
Concen: 129.35 ng
RT: 5.662 min Scan# 395
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:112 Resp: 427884
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 36.8 22.8 34.2#

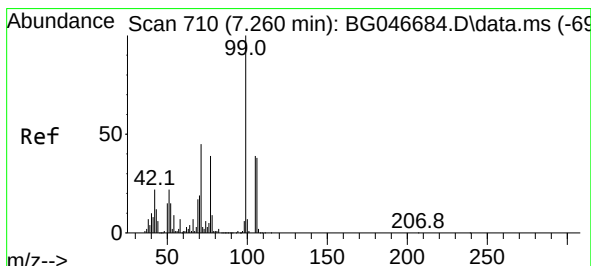
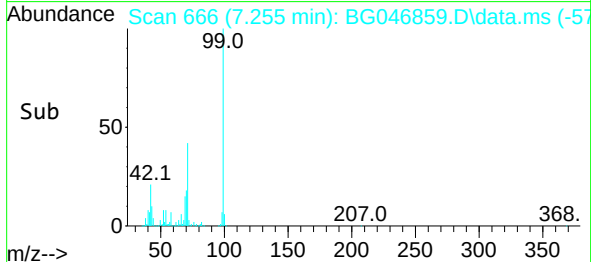
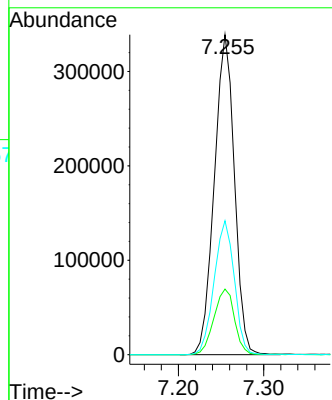
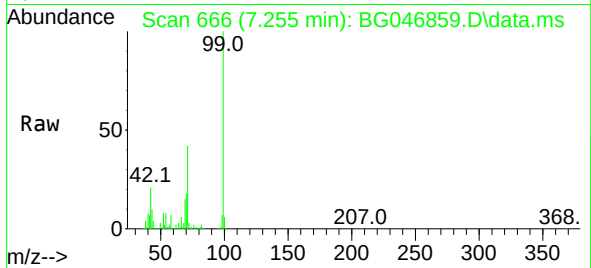




#7
Phenol-d6
Concen: 118.89 ng
RT: 7.255 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

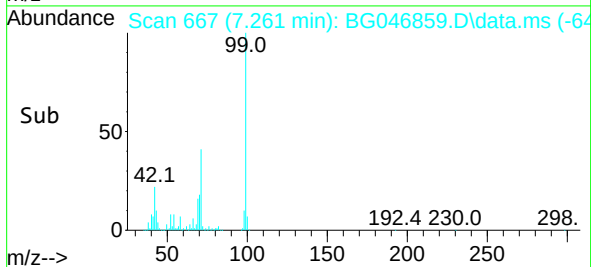
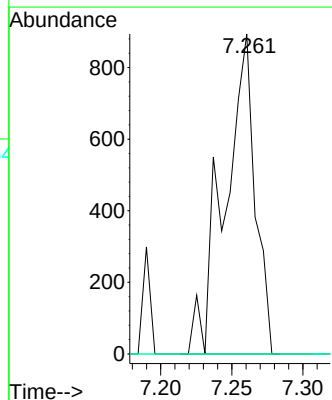
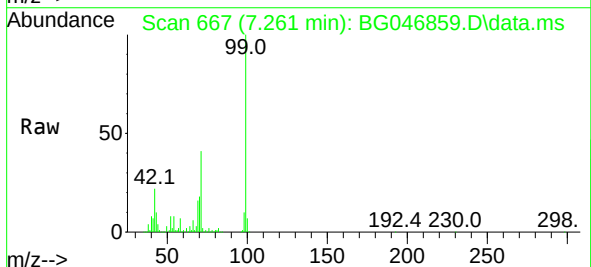
Instrument :
BNA_G
ClientSampleId :
PB132258BL

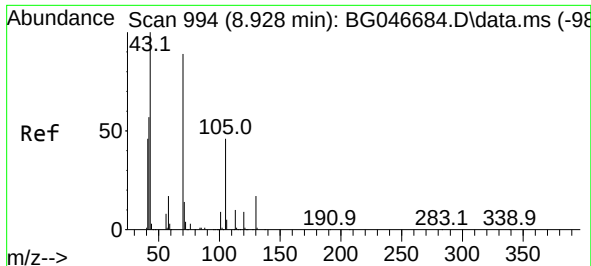
Tgt Ion: 99 Resp: 554729
Ion Ratio Lower Upper
99 100
42 20.5 12.8 19.2#
71 41.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.261 min Scan# 667
Delta R.T. 0.016 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

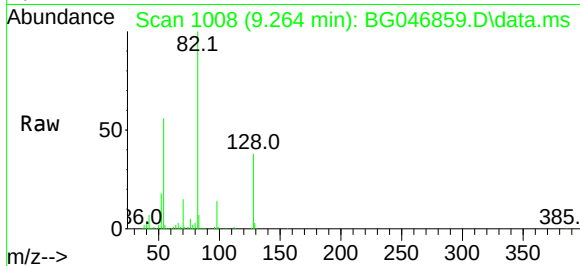
Tgt Ion: 77 Resp: 1334
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



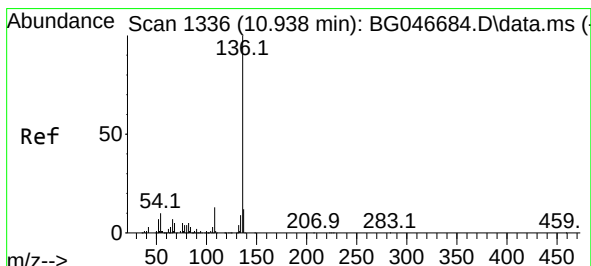
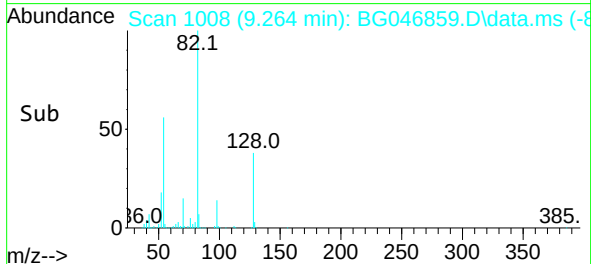
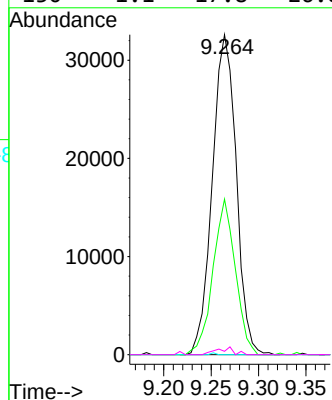


#19
n-Nitroso-di-n-propylamine
Concen: 17.87 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.351 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Instrument :
BNA_G
ClientSampleId :
PB132258BL

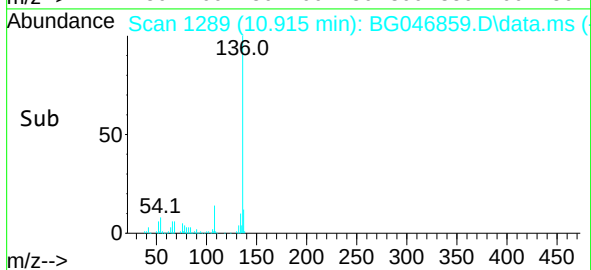
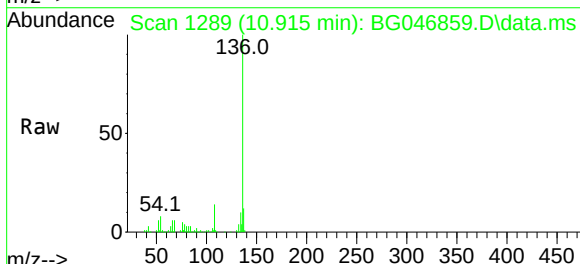
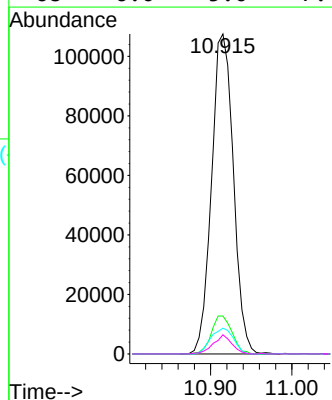


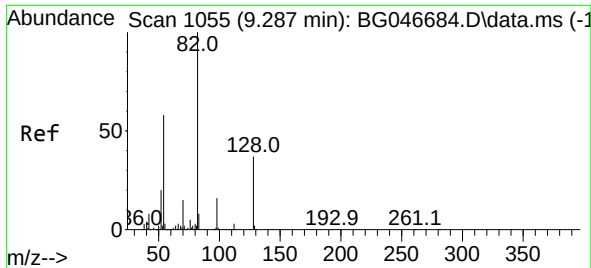
Tgt Ion:	70	Resp:	57171
Ion Ratio	Lower	Upper	
70	100		
42	48.6	45.6	68.4
101	0.0	8.4	12.6#
130	1.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:	136	Resp:	200493
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	8.0	6.2	9.4
68	6.0	5.0	7.4

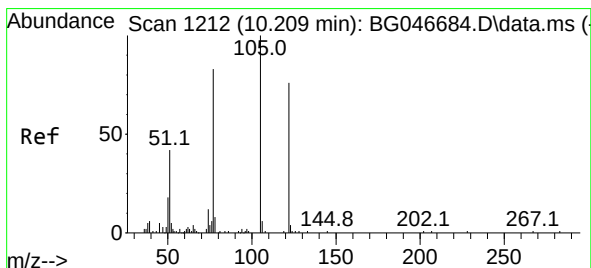
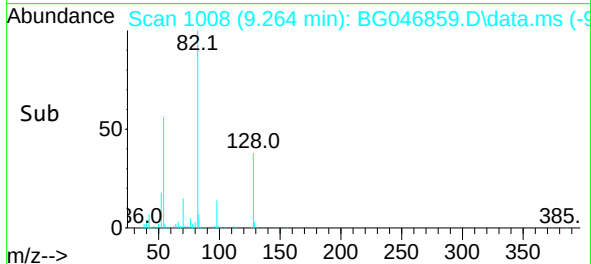
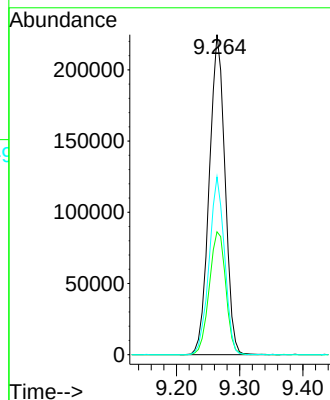
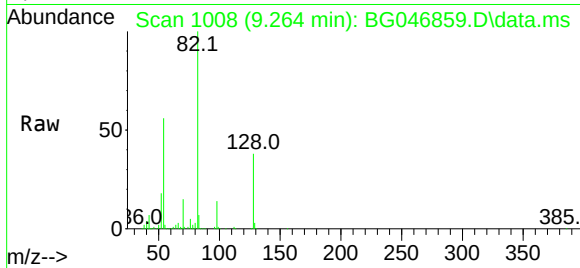




#23
Nitrobenzene-d5
Concen: 103.24 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

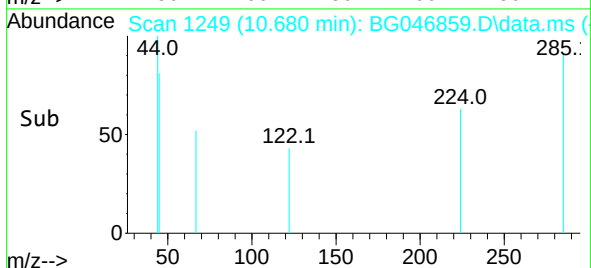
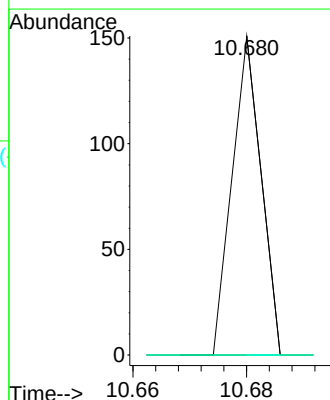
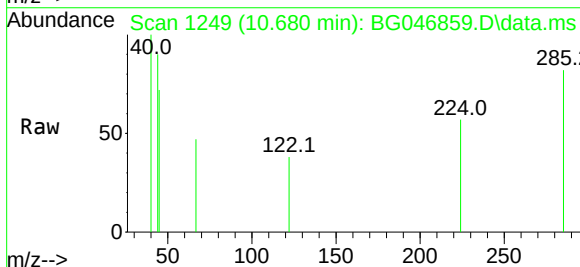
Instrument :
BNA_G
ClientSampleId :
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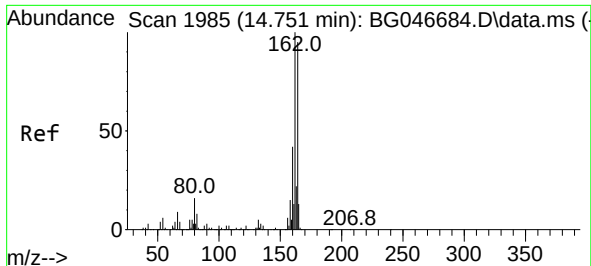
Tgt Ion: 82 Resp: 389079
Ion Ratio Lower Upper
82 100
128 38.4 37.0 55.6
54 55.6 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.680 min Scan# 1249
Delta R.T. 0.486 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

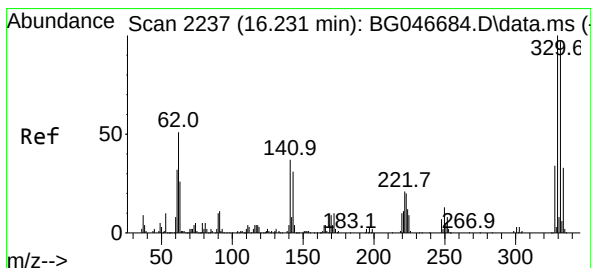
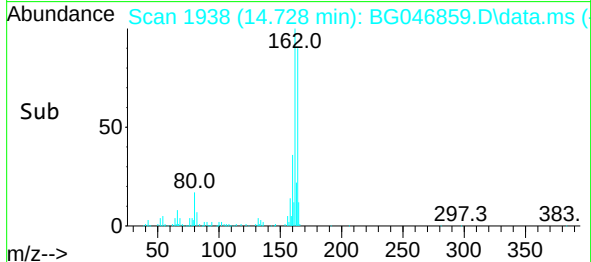
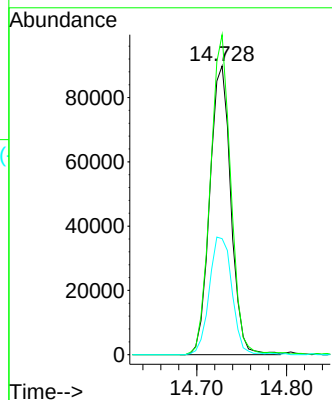
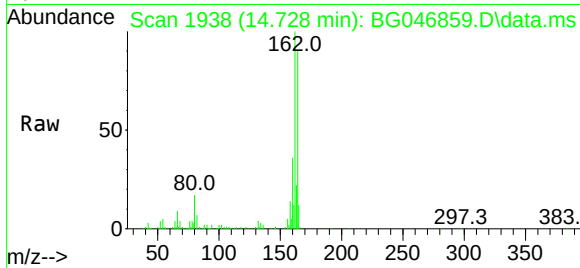




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

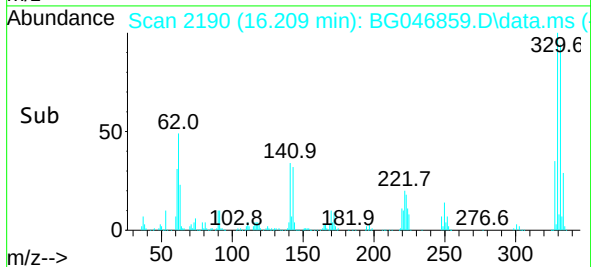
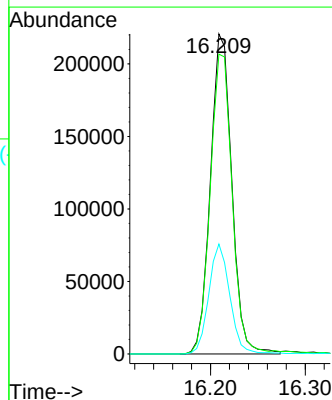
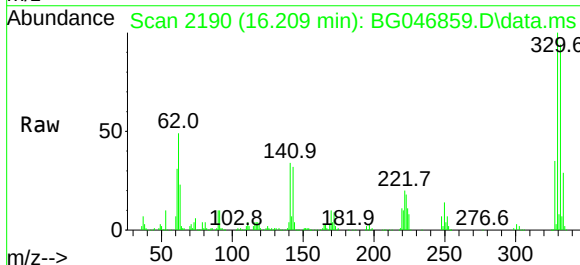
Instrument :
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ClientSampleId :
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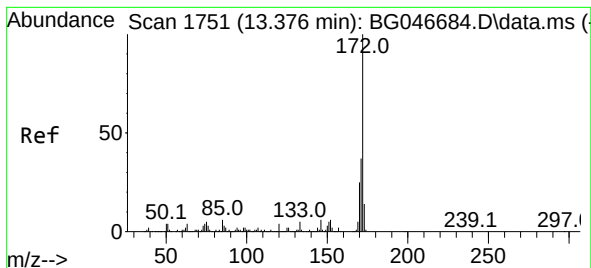
Tgt Ion:164 Resp: 146247
Ion Ratio Lower Upper
164 100
162 110.8 82.3 123.5
160 40.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 179.52 ng
RT: 16.209 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:330 Resp: 346184
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 33.8 26.0 39.0

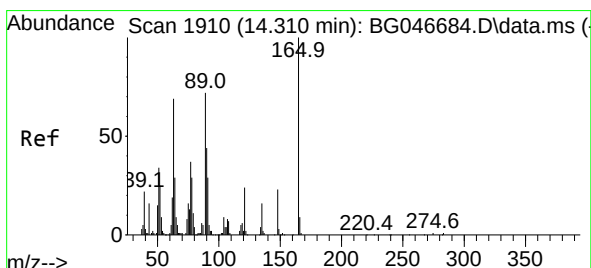
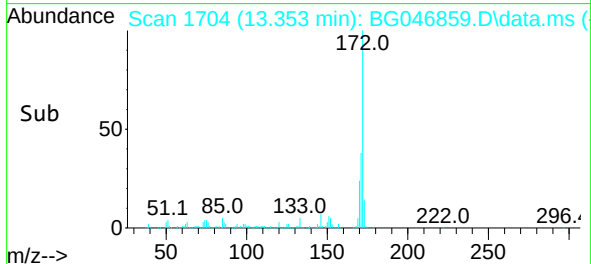
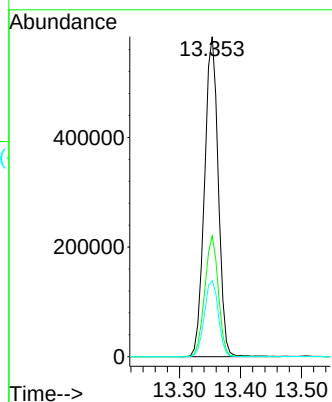
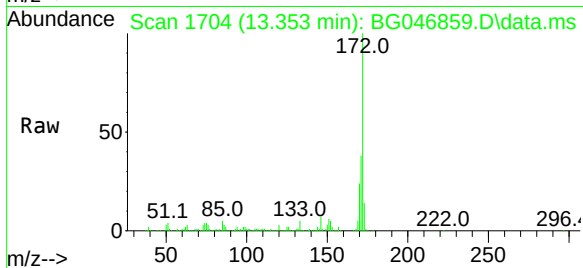




#45
2-Fluorobiphenyl
Concen: 88.44 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

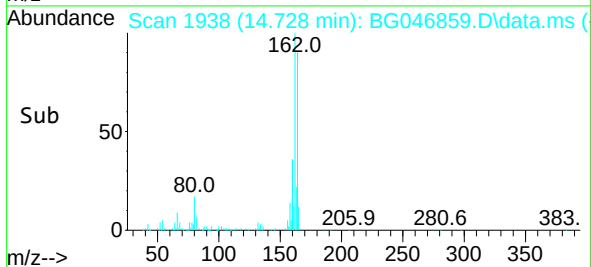
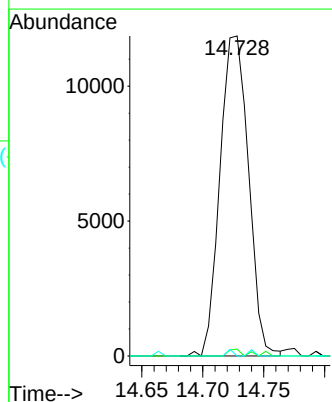
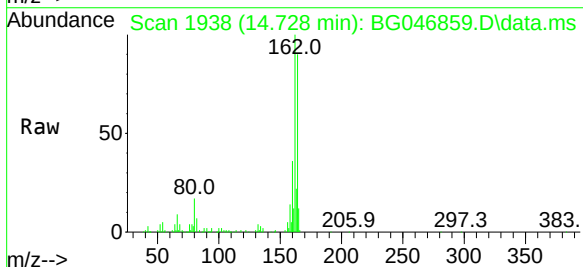
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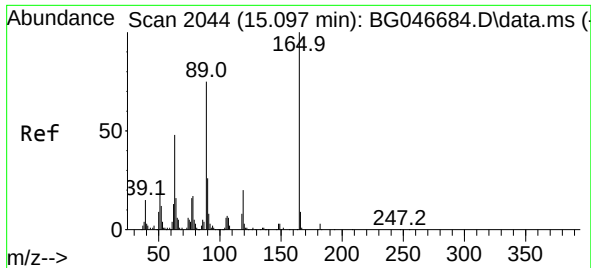
Tgt Ion:172 Resp: 913590
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 23.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.17 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.428 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:165 Resp: 19302
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 0.0 36.6 54.8#

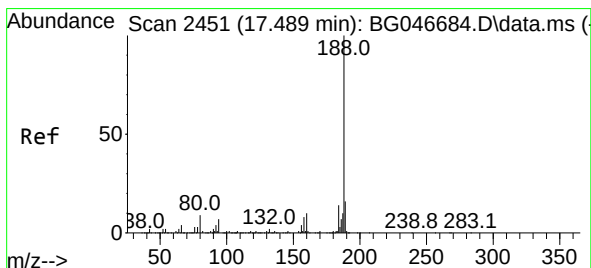
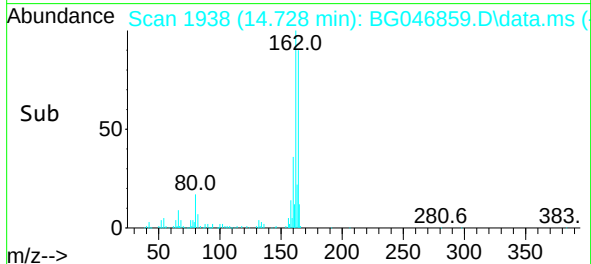
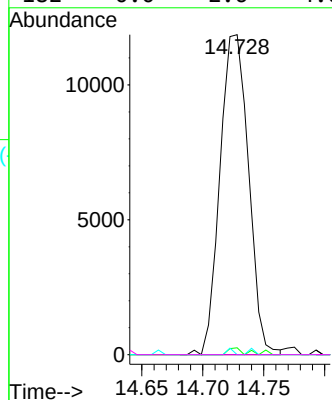
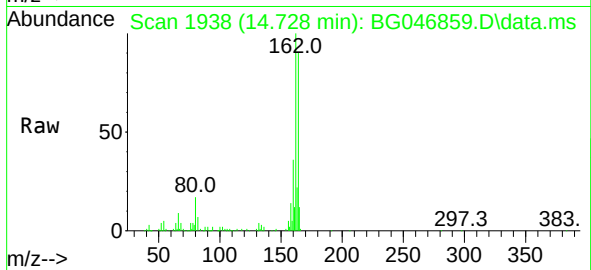




#57
2,4-Dinitrotoluene
Concen: 7.68 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.354 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

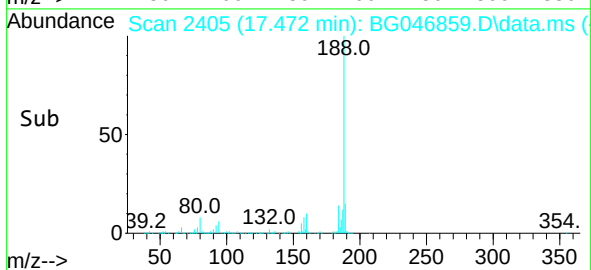
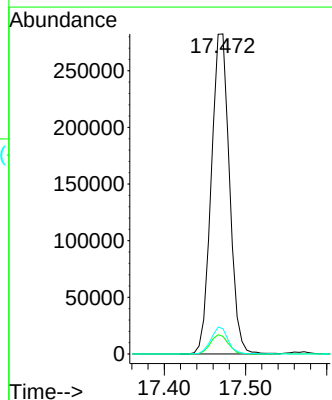
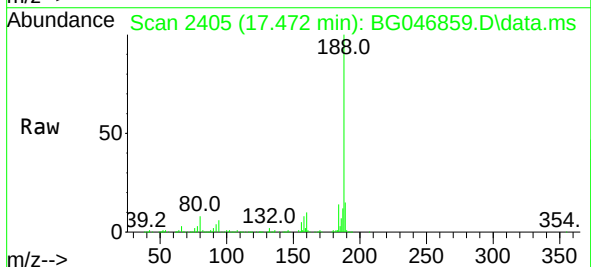
Instrument :
BNA_G
ClientSampleId :
PB132258BL

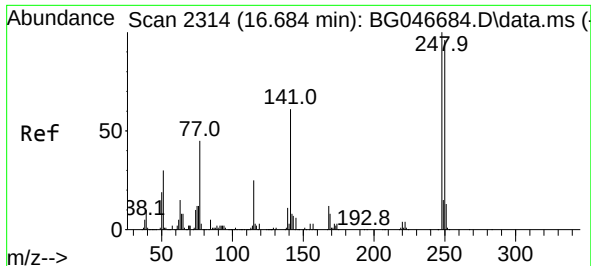
Tgt Ion:165 Resp: 19302
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.472 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:188 Resp: 439690
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.9 7.0 10.6

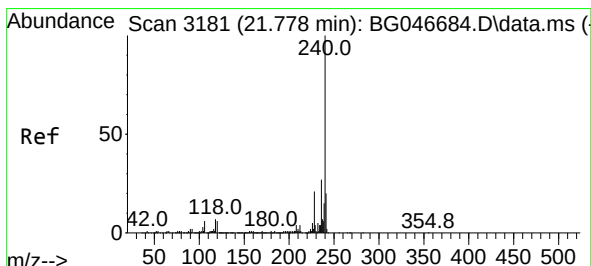
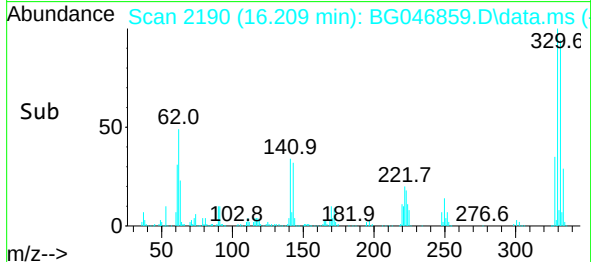
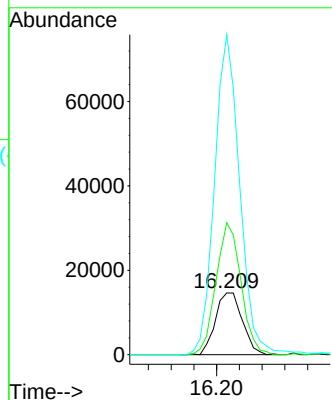
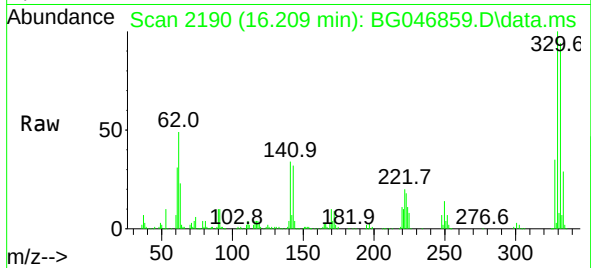




#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.209 min Scan# 2190
Delta R.T. -0.454 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

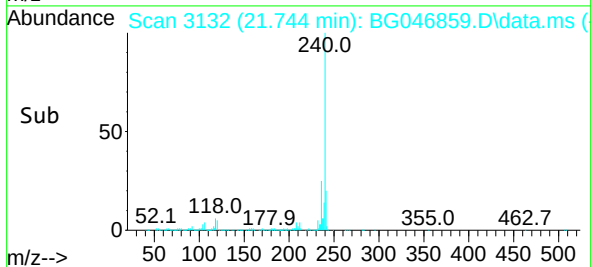
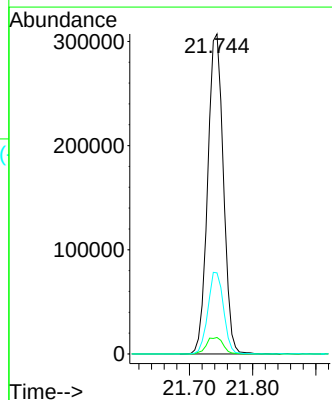
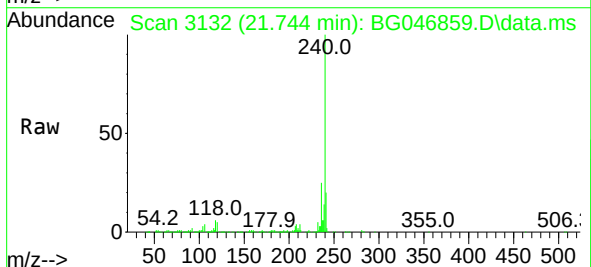
Instrument :
BNA_G
ClientSampleId :
PB132258BL

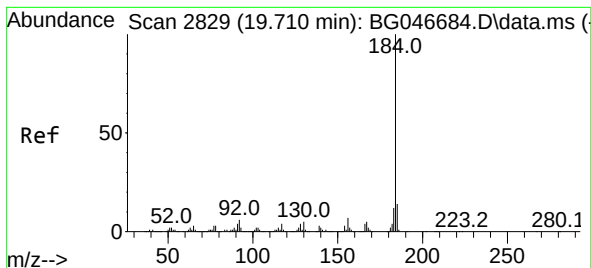
Tgt Ion:248 Resp: 24051
Ion Ratio Lower Upper
248 100
250 206.0 78.9 118.3#
141 394.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.744 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BG046859.D
Acq: 13 Oct 2020 2:27

Tgt Ion:240 Resp: 527367
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.4 20.5 30.7





#77

Benzidine

Concen: 2.30 ng

RT: 20.075 min Scan# 2848

Delta R.T. 0.375 min

Lab File: BG046859.D

Acq: 13 Oct 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB132258BL

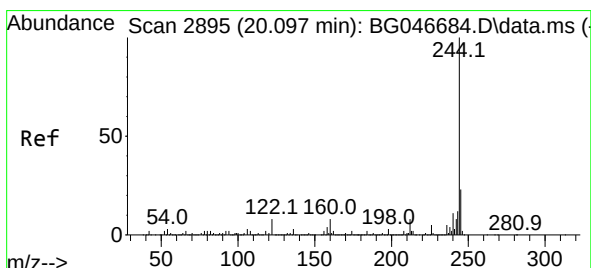
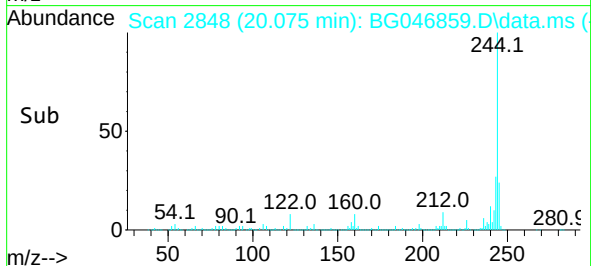
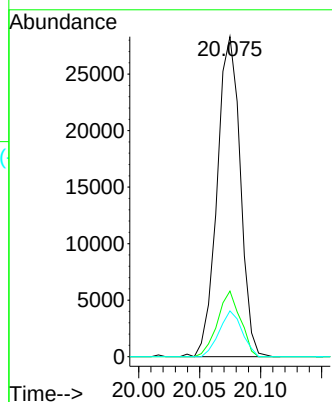
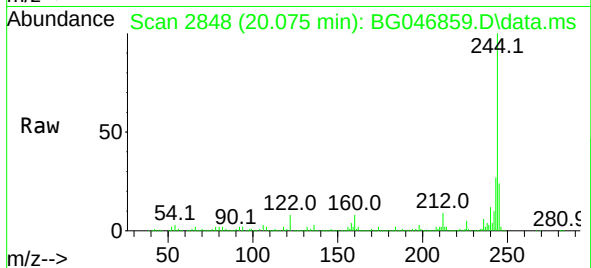
Tgt Ion:184 Resp: 37445

Ion Ratio Lower Upper

184 100

185 20.5 12.4 18.6#

183 14.3 10.6 15.8



#79

Terphenyl-d14

Concen: 82.07 ng

RT: 20.075 min Scan# 2848

Delta R.T. -0.007 min

Lab File: BG046859.D

Acq: 13 Oct 2020 2:27

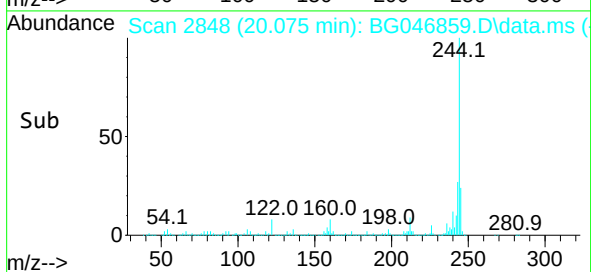
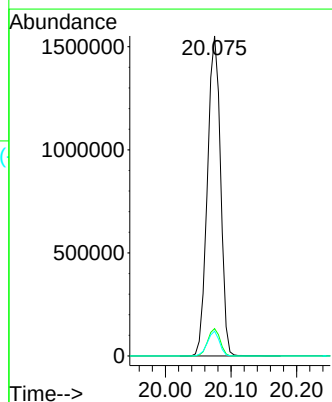
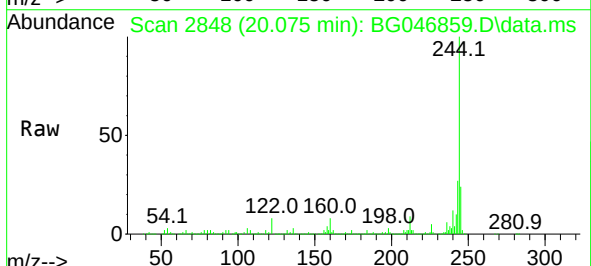
Tgt Ion:244 Resp: 2159570

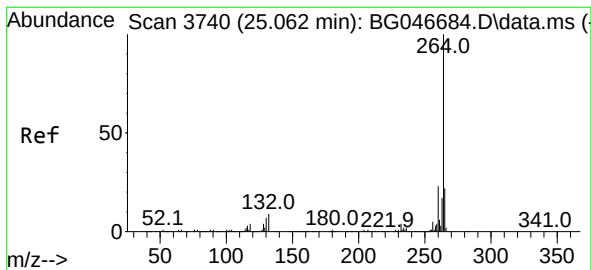
Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

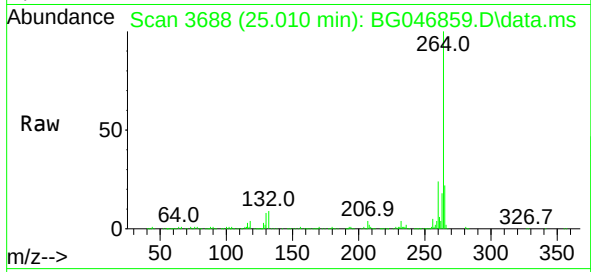
122 7.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.010 min Scan# 3688
 Delta R.T. -0.019 min
 Lab File: BG046859.D
 Acq: 13 Oct 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :
 PB132258BL



Tgt Ion:264 Resp: 503663
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.2 17.8 26.8

