

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046862.D
 Acq On : 13 Oct 2020 4:28
 Operator : CG/JU
 Sample : L4339-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QUAD-5

Quant Time: Oct 13 05:56:24 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)

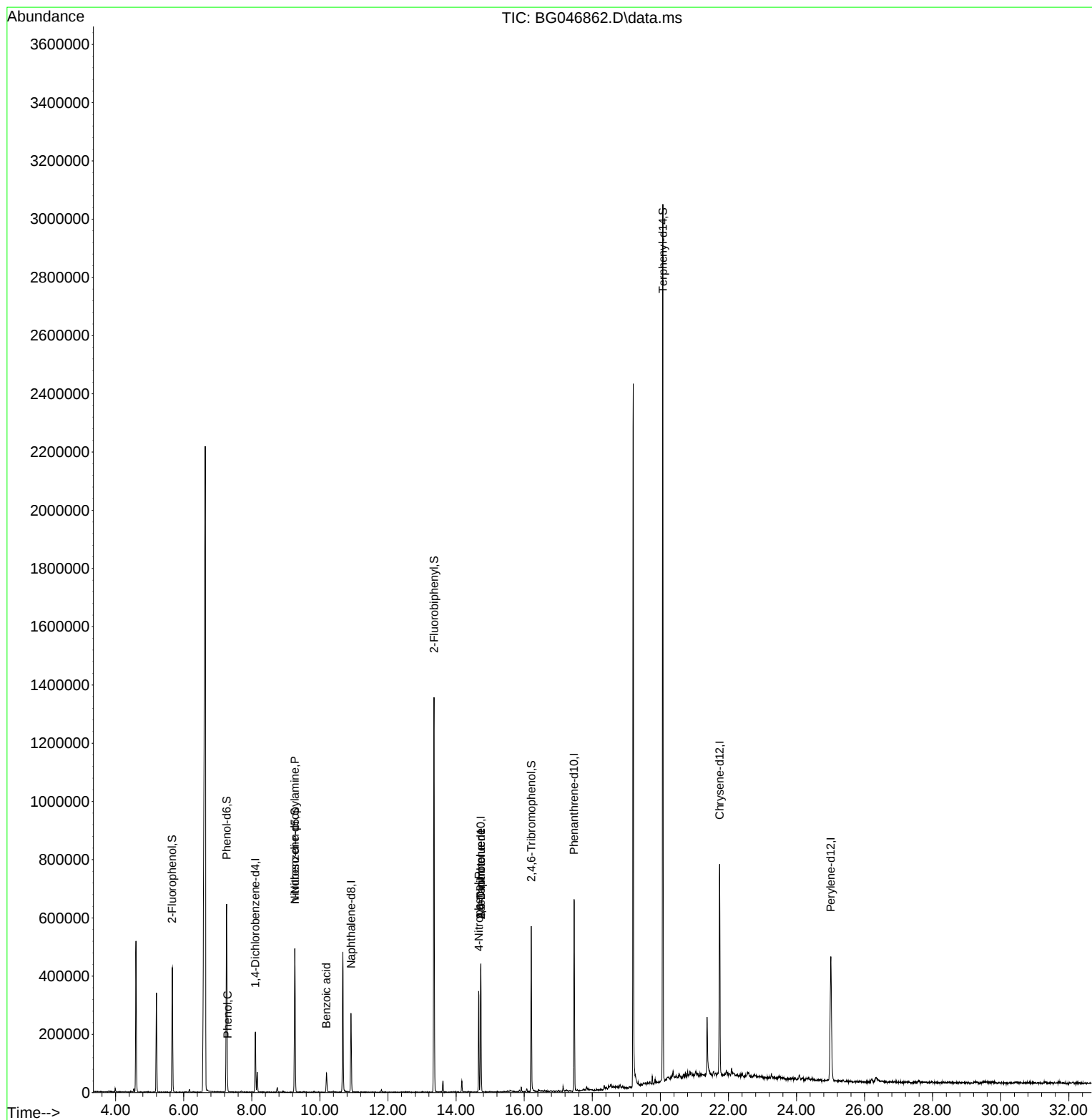
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	57084	20.00	ng	# 0.00
21) Naphthalene-d8	10.915	136	216297	20.00	ng	0.00
39) Acenaphthene-d10	14.728	164	163509	20.00	ng	0.00
64) Phenanthrene-d10	17.466	188	431317	20.00	ng	#-0.01
76) Chrysene-d12	21.743	240	450346	20.00	ng	-0.01
86) Perylene-d12	25.010	264	469040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	179790	50.46	ng	0.00
7) Phenol-d6	7.260	99	343428	68.33	ng	0.00
23) Nitrobenzene-d5	9.264	82	289103	71.11	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	109225	50.66	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	700854	60.68	ng	0.00
79) Terphenyl-d14	20.074	244	1324616	58.95	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.260	77	1316	Below Cal	#	1
10) Phenol	7.289	94	10306	2.06	ng	74
19) n-Nitroso-di-n-propyla...	9.264	70	40841	11.85	ng	# 74
32) Benzoic acid	10.192	122	75	6.37	ng	# 30
51) 2,6-Dinitrotoluene	14.728	165	21032	9.91	ng	# 37
56) 4-Nitrophenol	14.669	139	18988	9.61	ng	# 17
57) 2,4-Dinitrotoluene	14.728	165	21032	7.48	ng	# 35

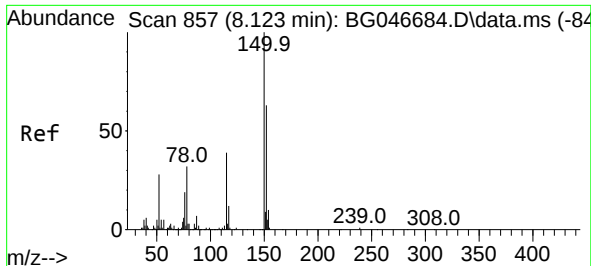
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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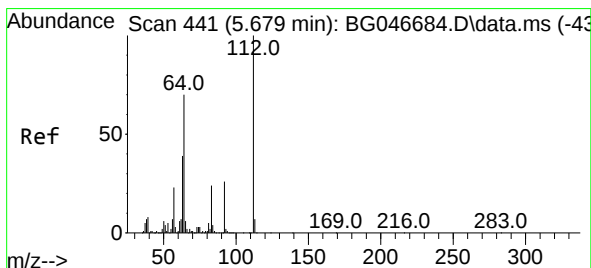
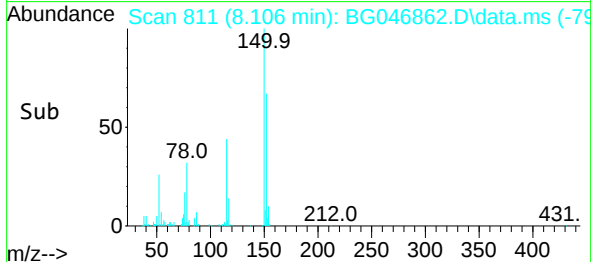
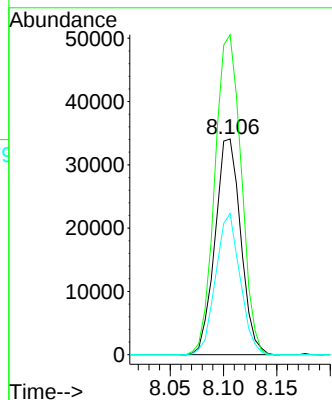
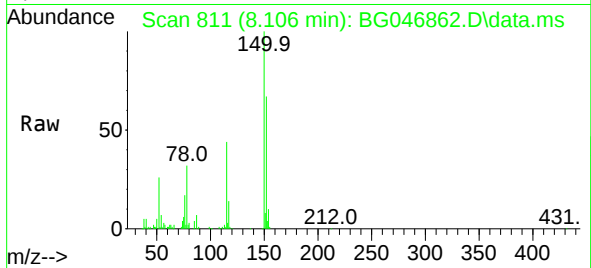




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

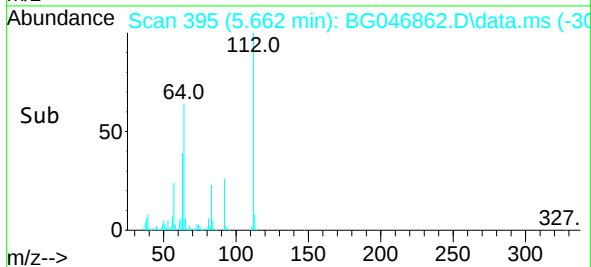
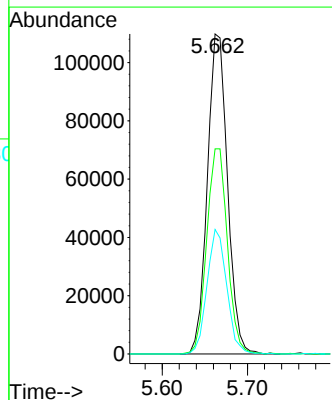
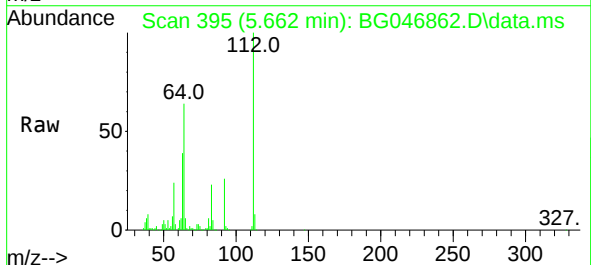
Instrument :
BNA_G
ClientSampled :
QUAD-5

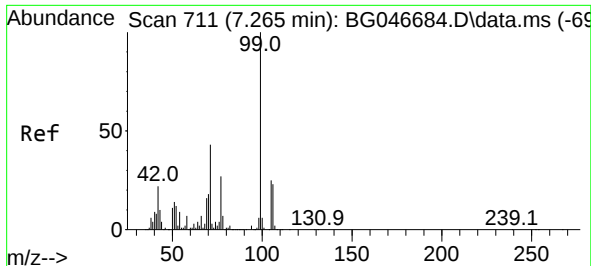
Tgt Ion:152 Resp: 57084
Ion Ratio Lower Upper
152 100
150 148.3 125.0 187.6
115 65.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 50.46 ng
RT: 5.662 min Scan# 395
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:112 Resp: 179790
Ion Ratio Lower Upper
112 100
64 64.1 46.7 70.1
63 38.9 22.8 34.2#

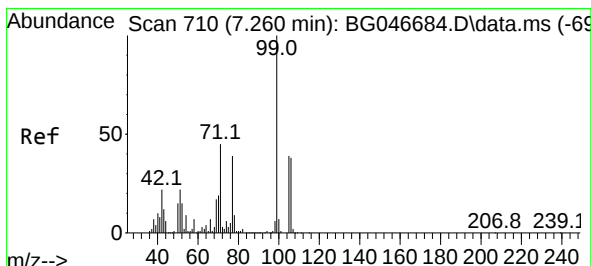
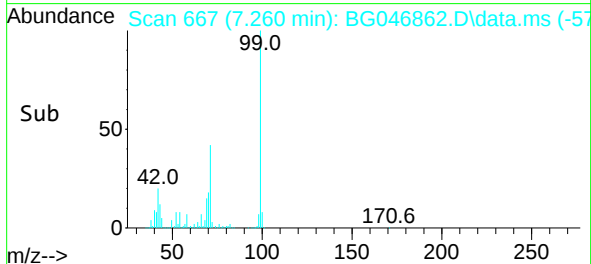
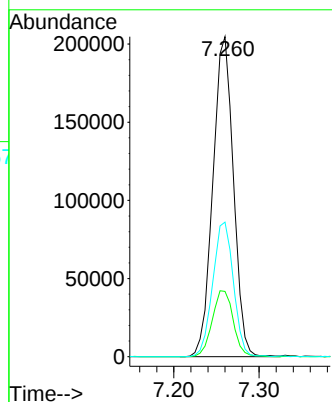
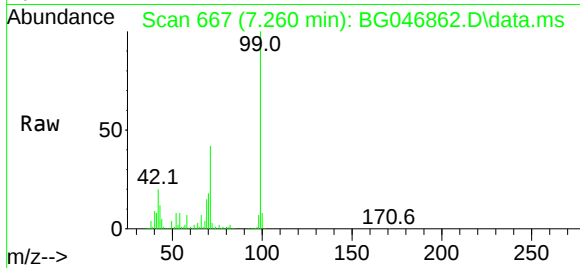




#7
Phenol-d6
Concen: 68.33 ng
RT: 7.260 min Scan# 667
Delta R.T. 0.004 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

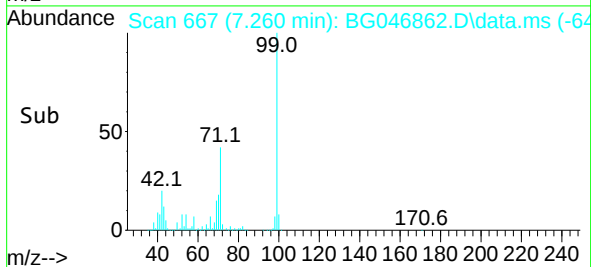
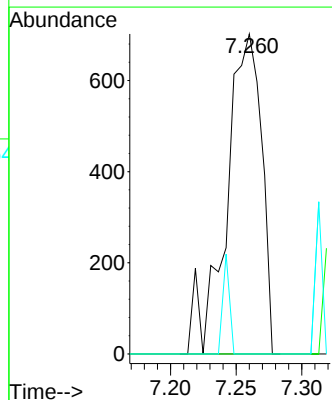
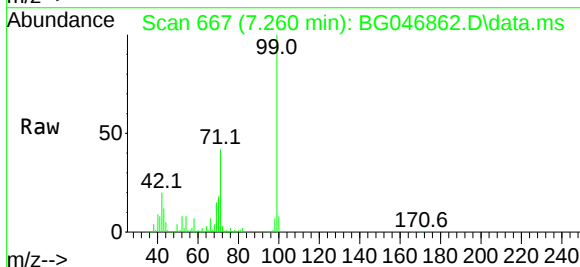
Instrument :
BNA_G
ClientSampleId :
QUAD-5

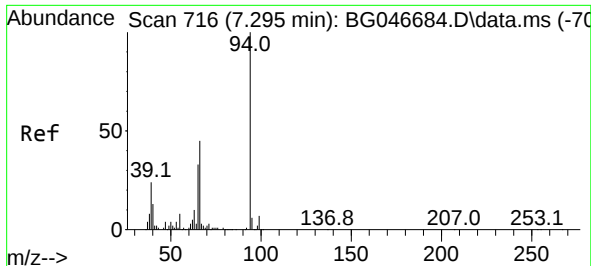
Tgt Ion: 99 Resp: 343428
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 42.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.260 min Scan# 667
Delta R.T. 0.016 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion: 77 Resp: 1316
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

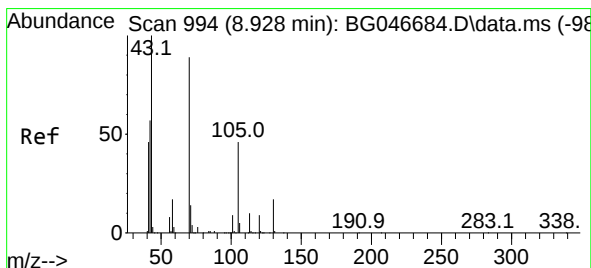
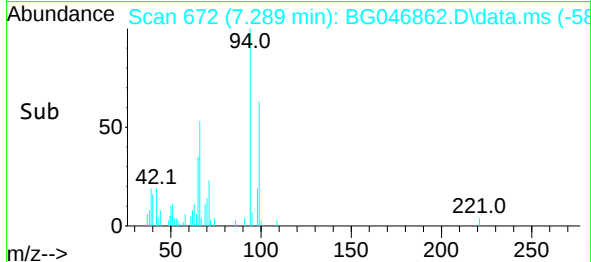
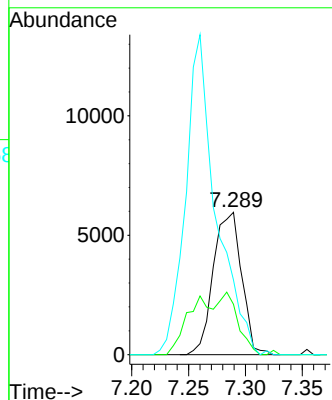
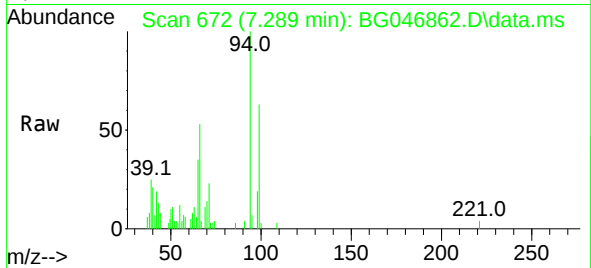




#10
Phenol
Concen: 2.06 ng
RT: 7.289 min Scan# 672
Delta R.T. 0.004 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

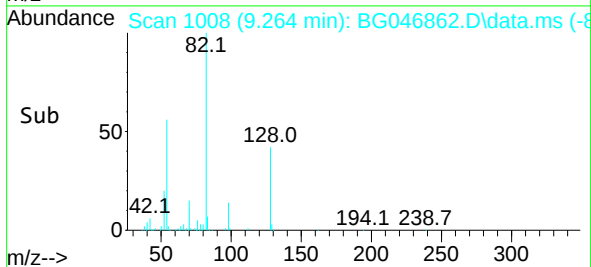
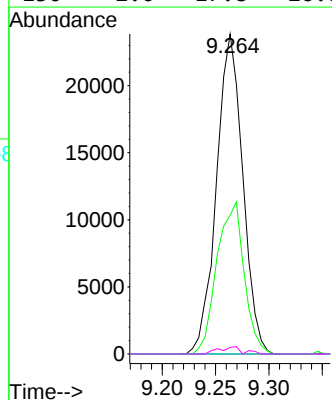
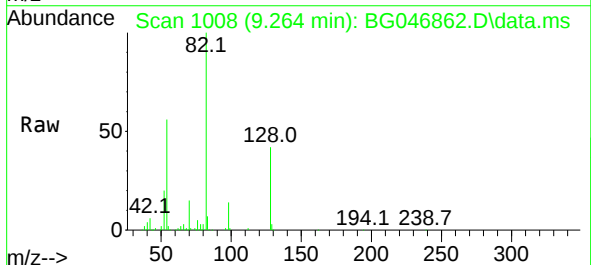
Instrument :
BNA_G
ClientSampleId :
QUAD-5

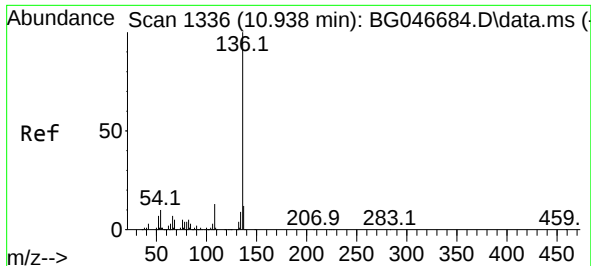
Tgt Ion: 94 Resp: 10306
Ion Ratio Lower Upper
94 100
65 35.4 6.6 46.6
66 52.5 13.9 53.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.85 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.351 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion: 70 Resp: 40841
Ion Ratio Lower Upper
70 100
42 43.3 45.6 68.4#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#

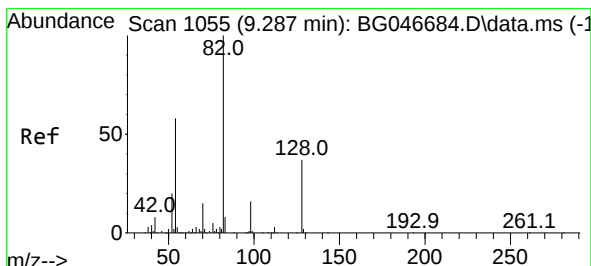
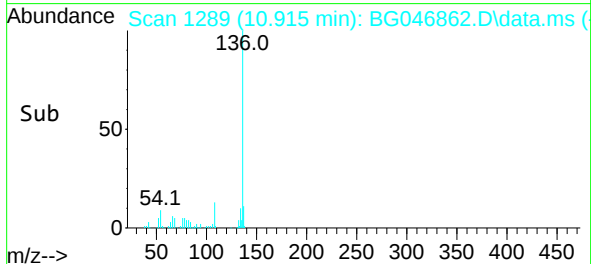
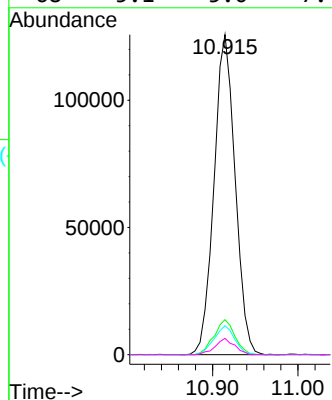
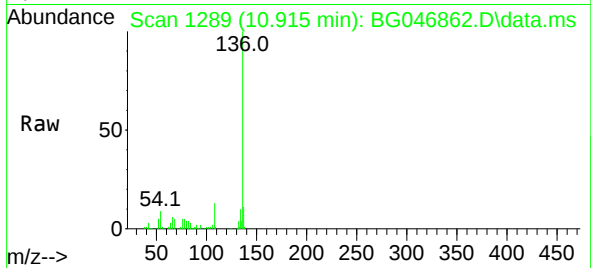




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

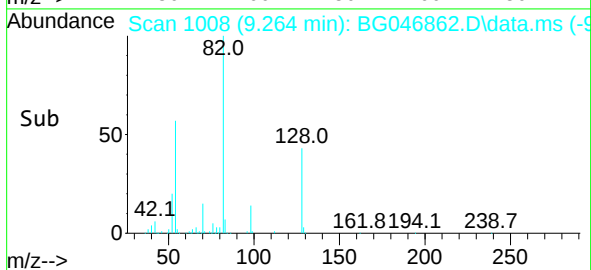
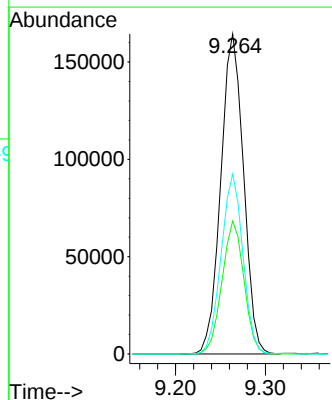
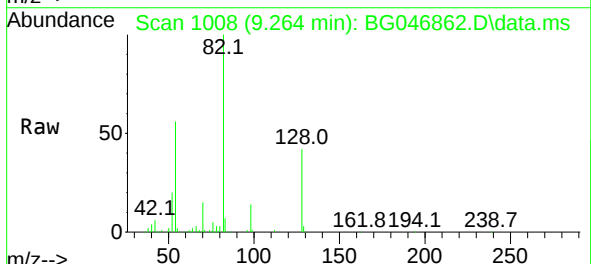
Instrument :
BNA_G
ClientSampleId :
QUAD-5

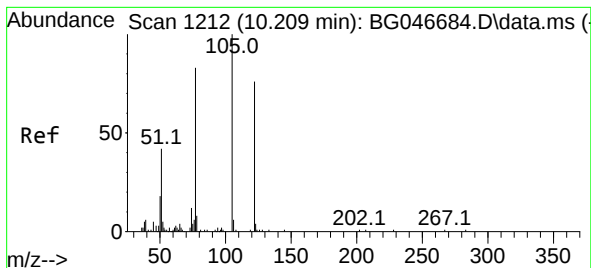
Tgt Ion:	136	Resp:	216297
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	9.0	6.2	9.4
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.11 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:	82	Resp:	289103
Ion Ratio	Lower	Upper	
82	100		
128	41.5	37.0	55.6
54	56.3	39.0	58.4

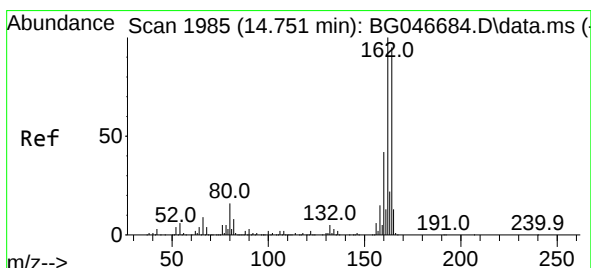
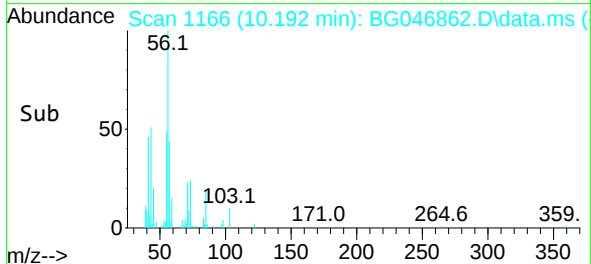
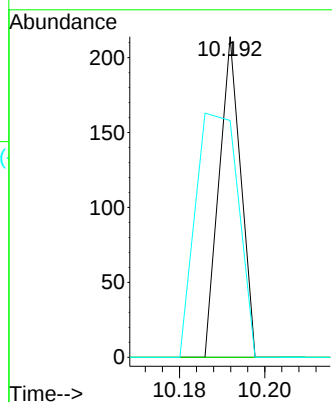
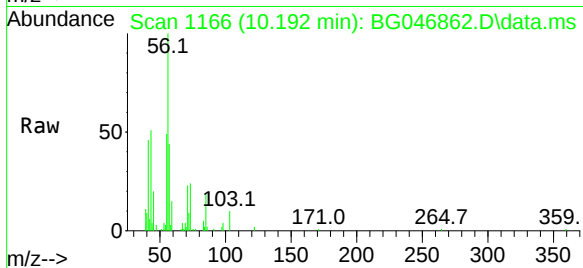




#32
Benzoic acid
Concen: 6.37 ng
RT: 10.192 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

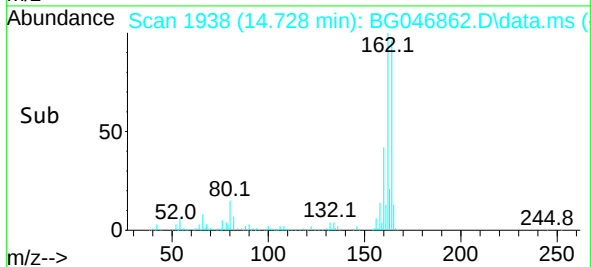
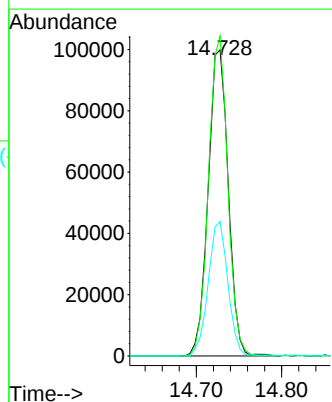
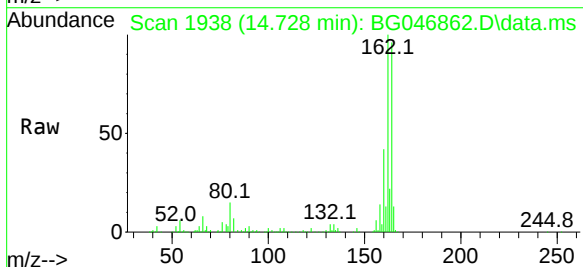
Instrument :
BNA_G
ClientSampleId :
QUAD-5

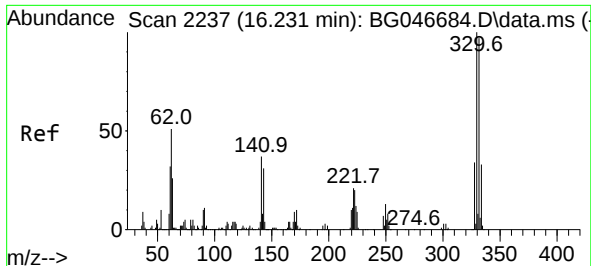
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 73.8 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:164 Resp: 163509
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 44.0 35.3 52.9

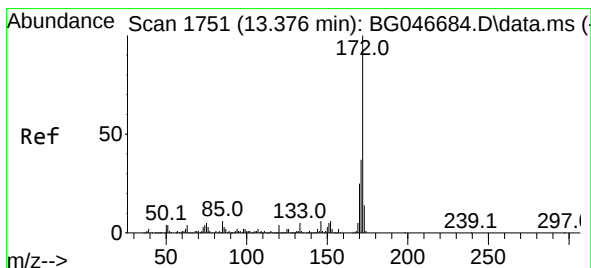
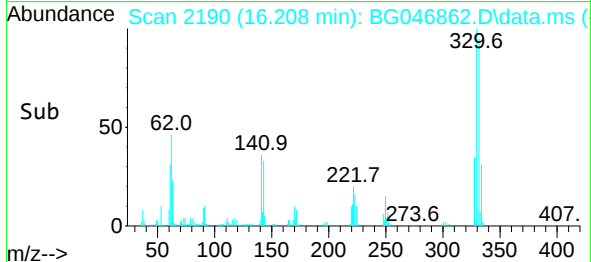
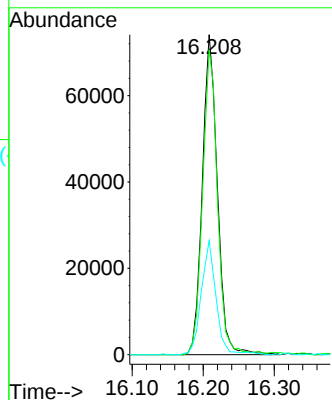
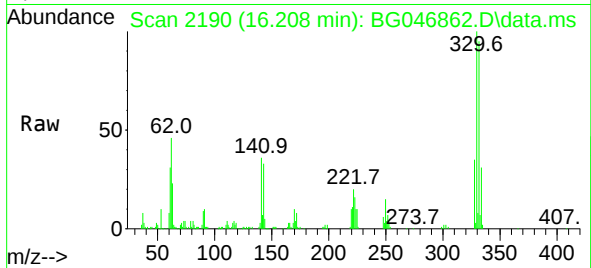




#42
2,4,6-Tribromophenol
Concen: 50.66 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

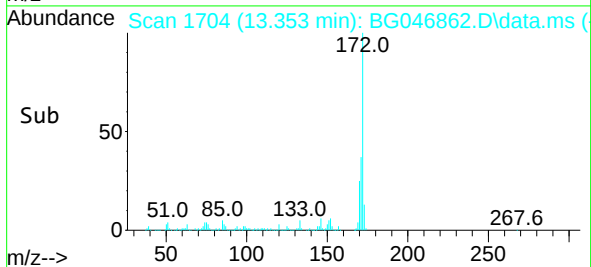
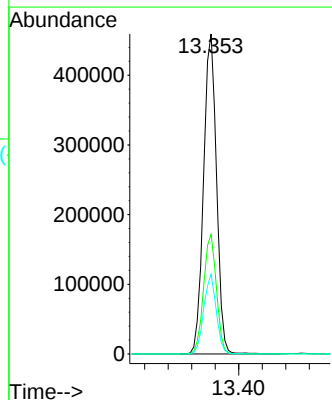
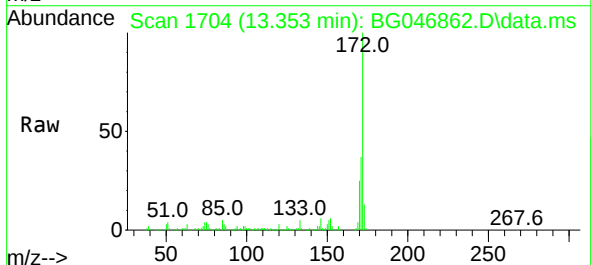
Instrument :
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ClientSampleId :
QUAD-5

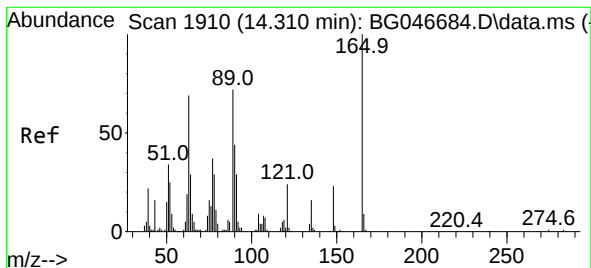
Tgt Ion:330 Resp: 109225
Ion Ratio Lower Upper
330 100
332 93.4 76.5 114.7
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 60.68 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:172 Resp: 700854
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 24.9 20.8 31.2

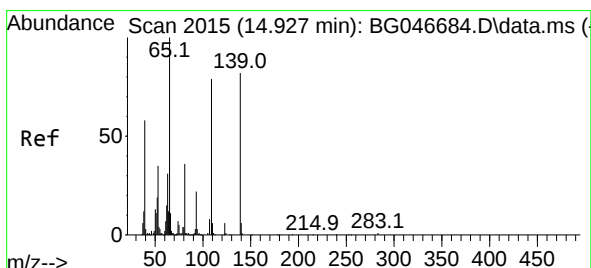
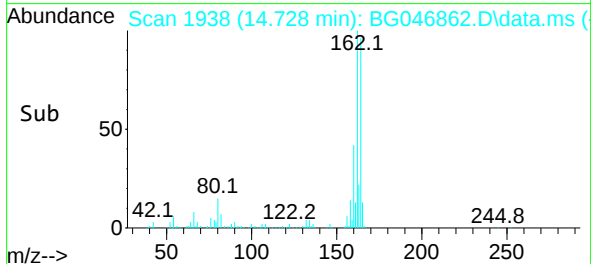
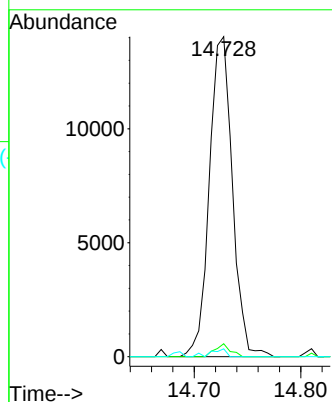
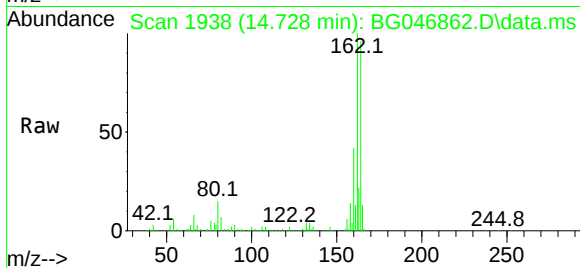




#51
2,6-Dinitrotoluene
Concen: 9.91 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

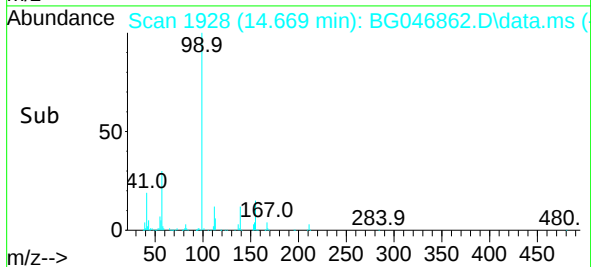
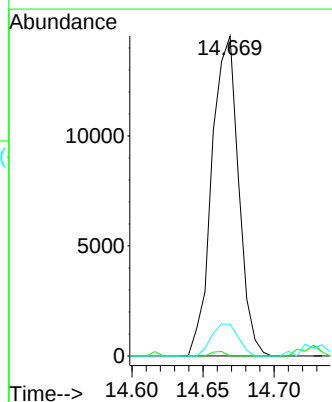
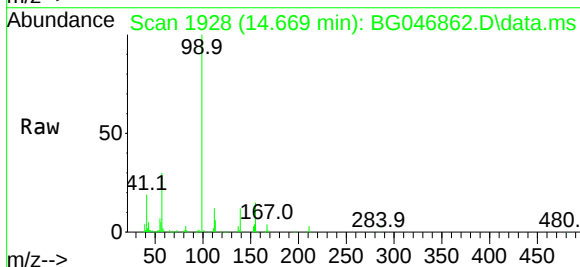
Instrument :
BNA_G
ClientSampleId :
QUAD-5

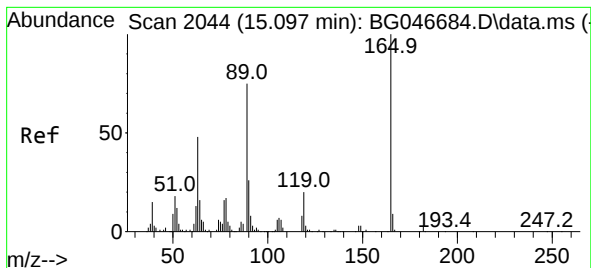
Tgt Ion:165 Resp: 21032
Ion Ratio Lower Upper
165 100
63 4.0 33.7 50.5#
89 2.5 36.6 54.8#



#56
4-Nitrophenol
Concen: 9.61 ng
RT: 14.669 min Scan# 1928
Delta R.T. -0.254 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:139 Resp: 18988
Ion Ratio Lower Upper
139 100
109 0.0 45.9 85.9#
65 9.9 65.4 105.4#

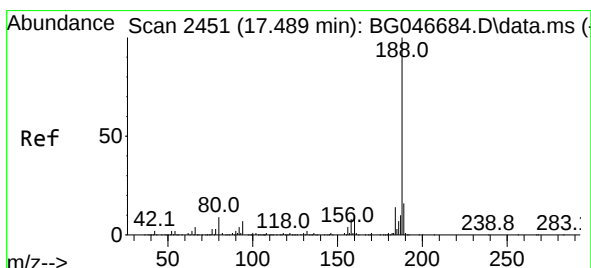
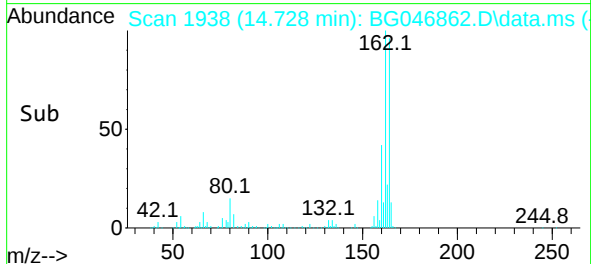
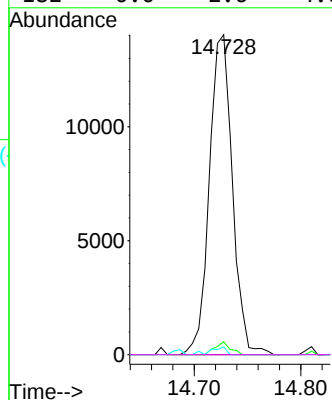
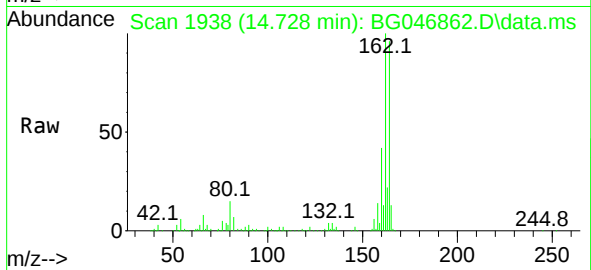




#57
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.354 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

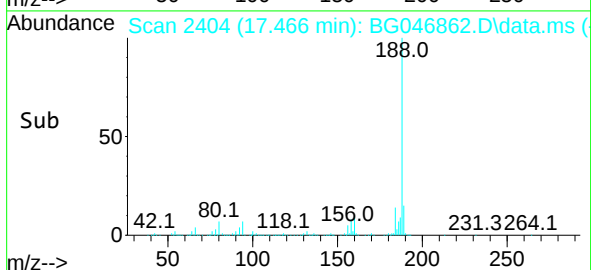
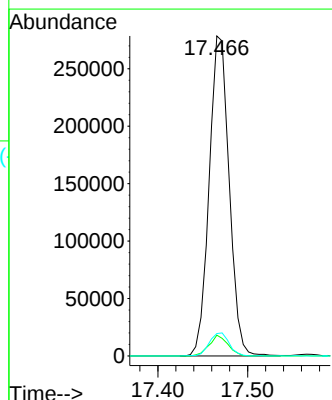
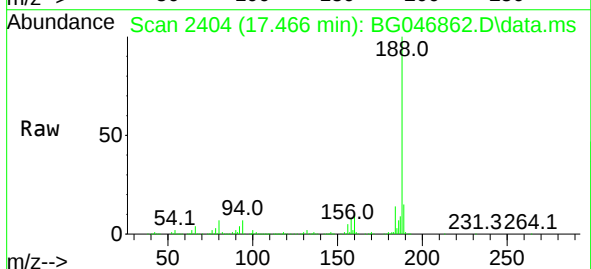
Instrument :
BNA_G
ClientSampleId :
QUAD-5

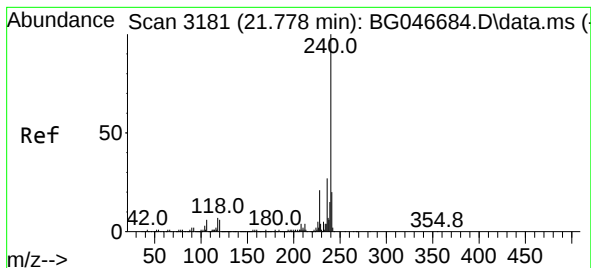
Tgt Ion:165 Resp: 21032
Ion Ratio Lower Upper
165 100
63 4.0 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.466 min Scan# 2404
Delta R.T. -0.014 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Tgt Ion:188 Resp: 431317
Ion Ratio Lower Upper
188 100
94 6.5 6.3 9.5
80 7.0 7.0 10.6#

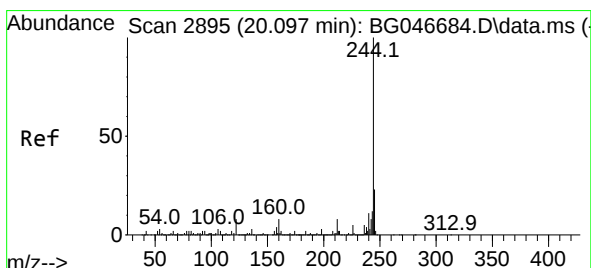
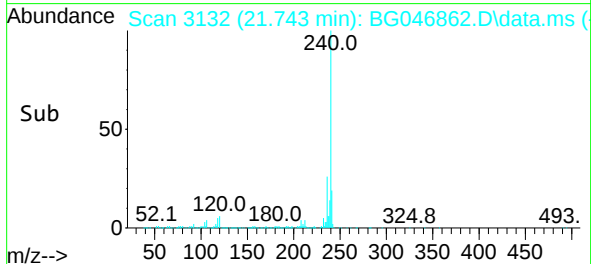
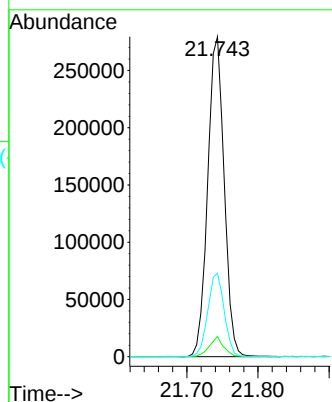
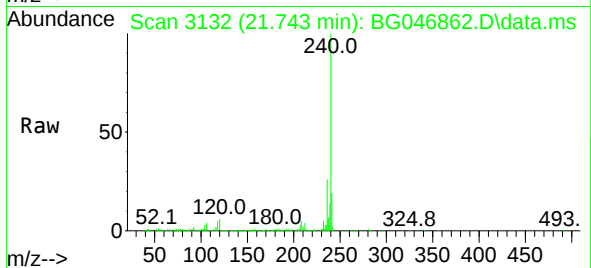




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

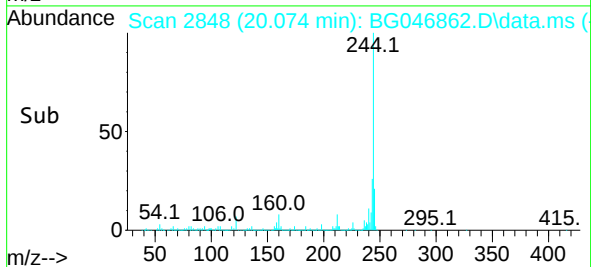
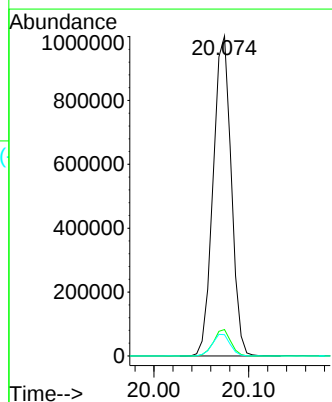
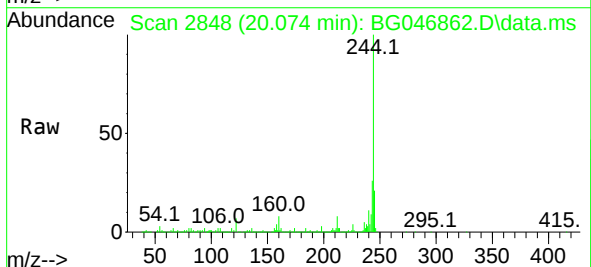
Instrument :
BNA_G
ClientSampleId :
QUAD-5

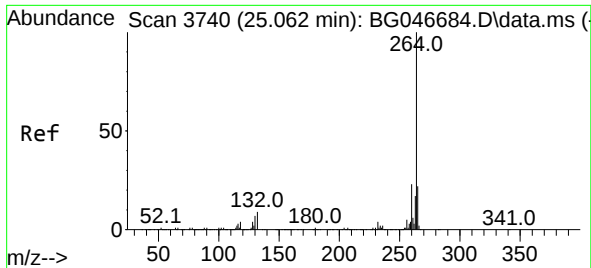
Tgt Ion:240 Resp: 450346
Ion Ratio Lower Upper
240 100
120 6.3 6.2 9.4
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 58.95 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

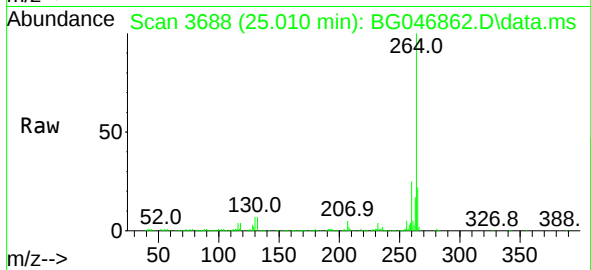
Tgt Ion:244 Resp: 1324616
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.6 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.010 min Scan# 3688
Delta R.T. -0.019 min
Lab File: BG046862.D
Acq: 13 Oct 2020 4:28

Instrument :
BNA_G
ClientSampleId :
QUAD-5



Tgt Ion:	264	Resp:	469040
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.8	28.2
265	21.8	17.8	26.8

