

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046855.D
 Acq On : 12 Oct 2020 20:24
 Operator : CG/JU
 Sample : L4316-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11929

Quant Time: Oct 13 02:41:42 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)

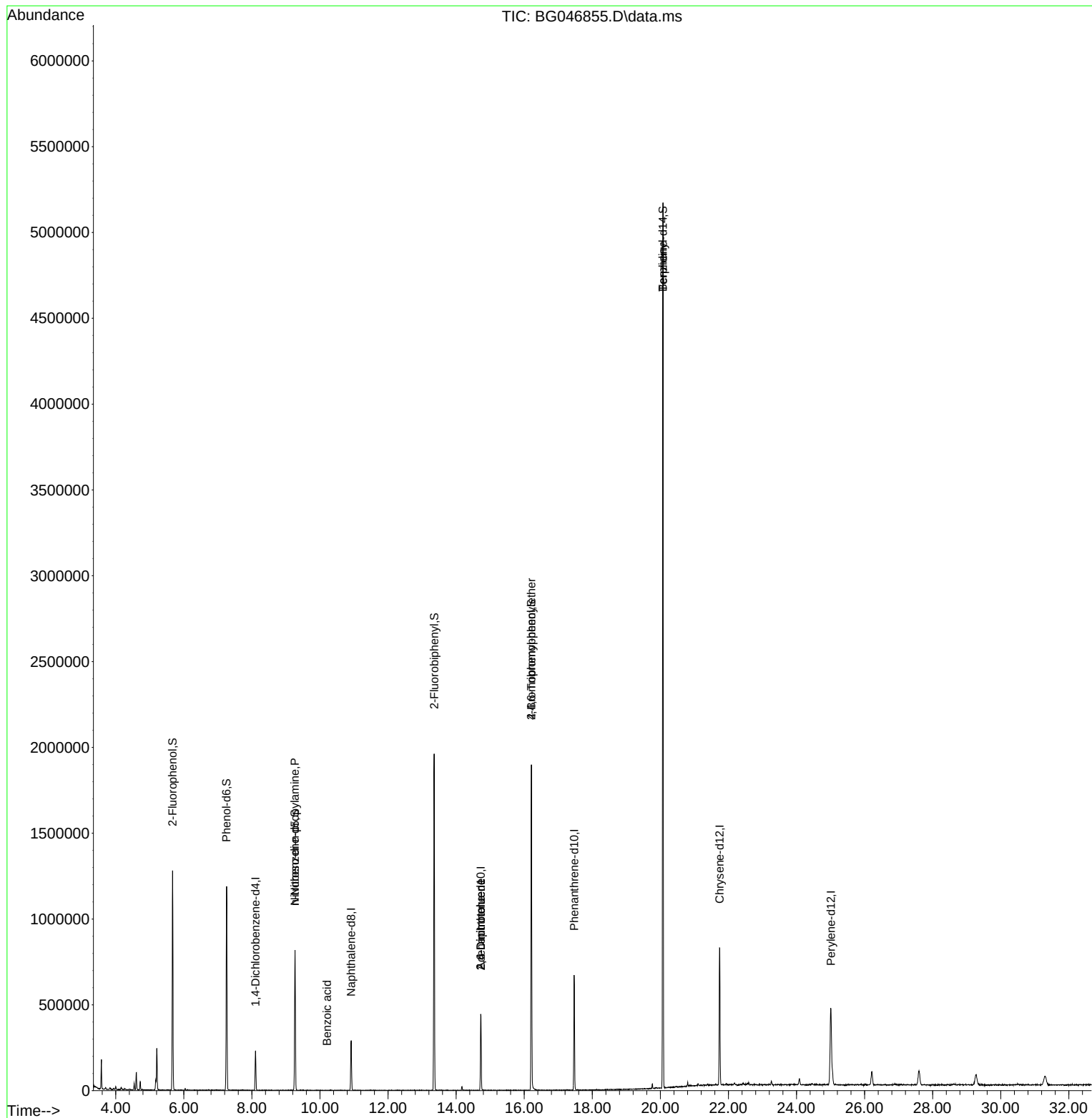
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	62553	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	233366	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	163754	20.00	ng	-0.01
64) Phenanthrene-d10	17.467	188	433820	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	531997	20.00	ng	#-0.02
86) Perylene-d12	25.012	264	507339	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	499602	127.95	ng	0.00
7) Phenol-d6	7.256	99	629873	114.36	ng	0.00
23) Nitrobenzene-d5	9.265	82	471589	107.51	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	373773	173.11	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1037515	89.70	ng	0.00
79) Terphenyl-d14	20.076	244	2209770	83.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.262	77	1460	Below Cal	#	17
19) n-Nitroso-di-n-propyla...	9.265	70	69455	18.39	ng	# 78
32) Benzoic acid	10.205	122	62	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.724	165	19962	9.39	ng	# 34
57) 2,4-Dinitrotoluene	14.724	165	19962	7.09	ng	# 32
67) 4-Bromophenyl-phenylether	16.210	248	25665	4.68	ng	# 1
77) Benzidine	20.076	184	39566	2.41	ng	94

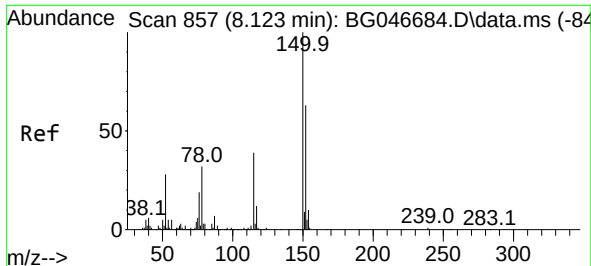
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046855.D
Acq On : 12 Oct 2020 20:24
Operator : CG/JU
Sample : L4316-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
11929

Quant Time: Oct 13 02:41:42 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

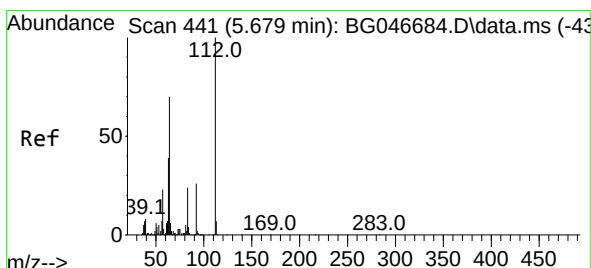
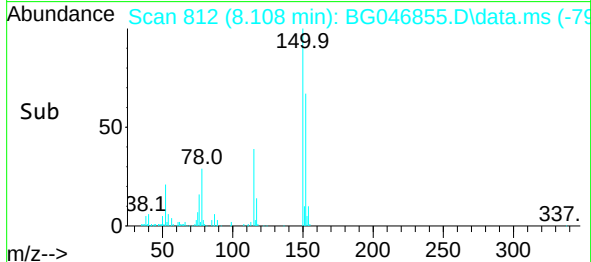
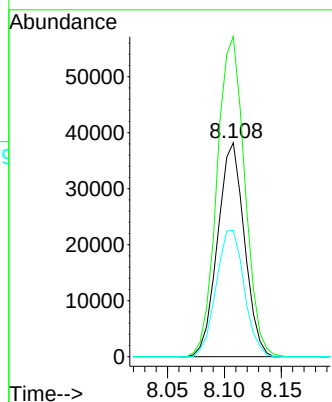
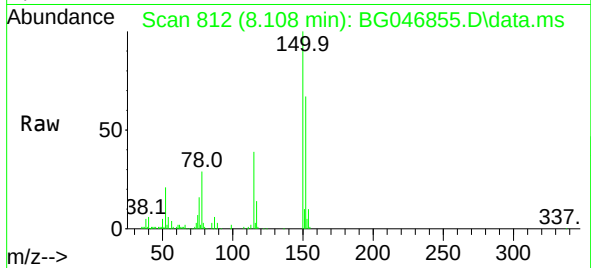




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

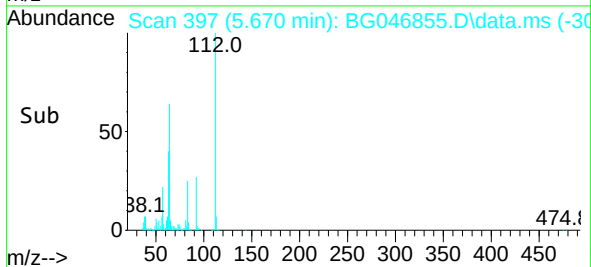
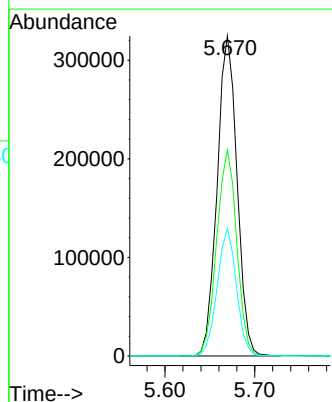
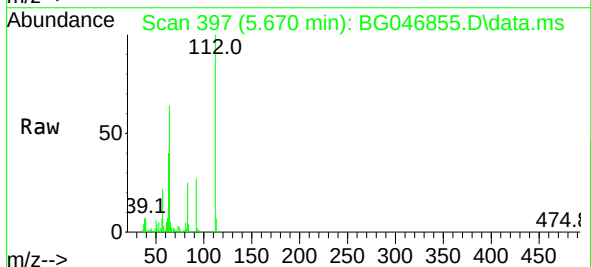
Instrument :
BNA_G
ClientSampleId :
11929

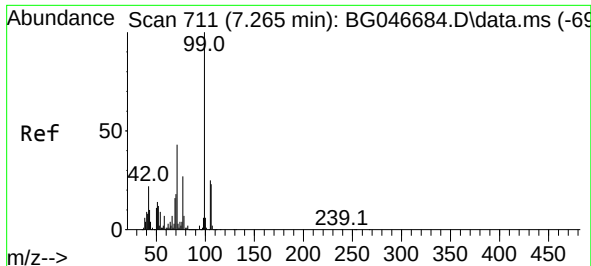
Tgt Ion:152 Resp: 62553
Ion Ratio Lower Upper
152 100
150 149.6 125.0 187.6
115 59.0 41.8 62.6



#5
2-Fluorophenol
Concen: 127.95 ng
RT: 5.670 min Scan# 397
Delta R.T. -0.000 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion:112 Resp: 499602
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 39.9 22.8 34.2#

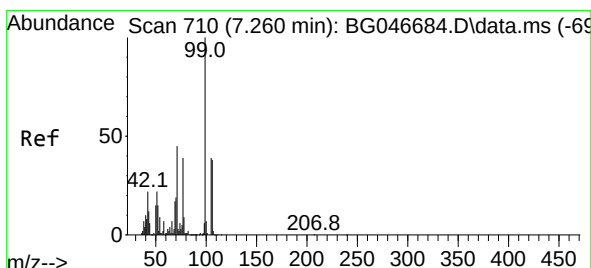
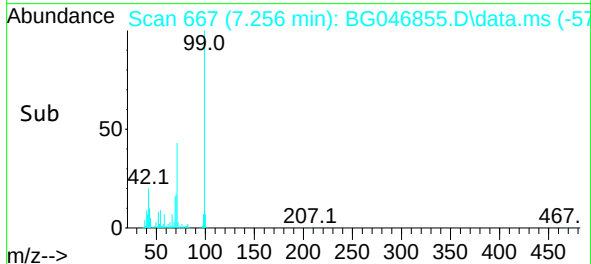
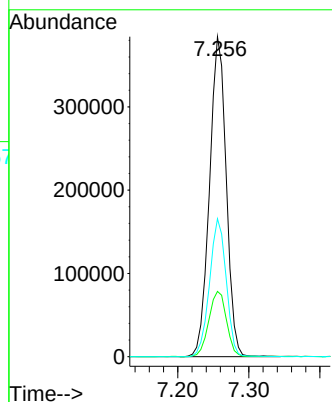
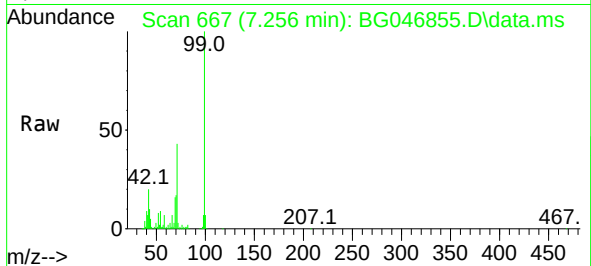




#7
Phenol-d6
Concen: 114.36 ng
RT: 7.256 min Scan# 667
Delta R.T. -0.000 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

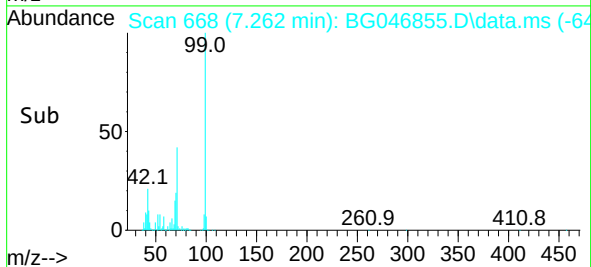
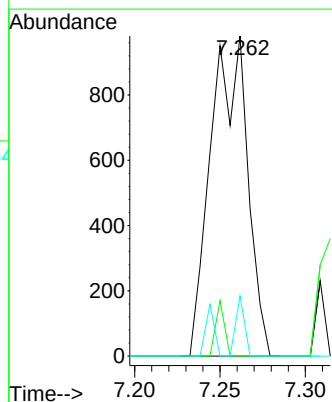
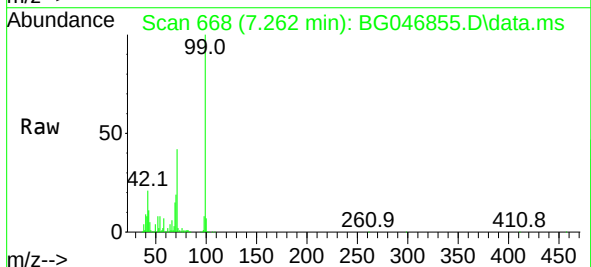
Instrument :
BNA_G
ClientSampleId :
11929

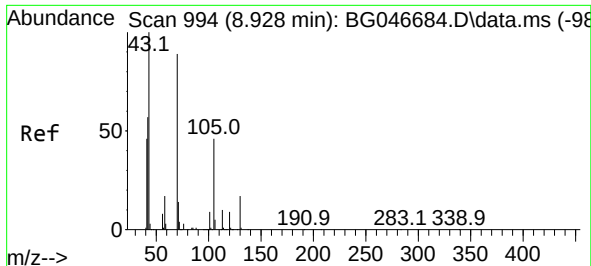
Tgt Ion: 99 Resp: 629873
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 43.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.262 min Scan# 668
Delta R.T. 0.018 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion: 77 Resp: 1460
Ion Ratio Lower Upper
77 100
105 18.9 85.9 125.9#
106 18.9 80.9 120.9#



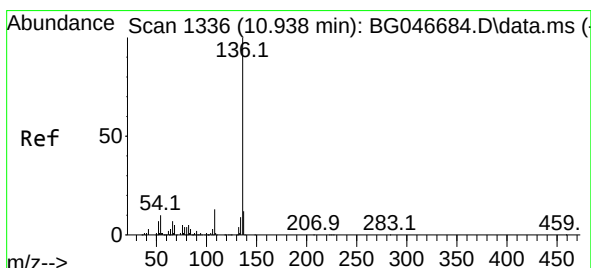
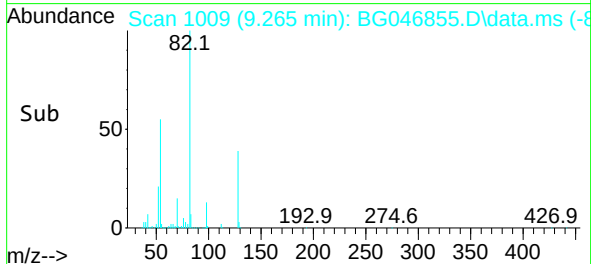
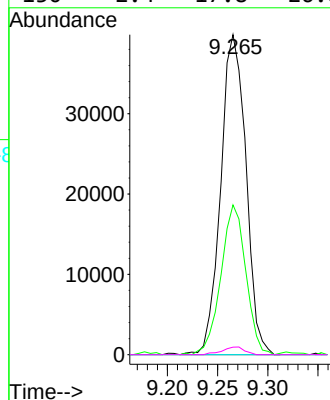
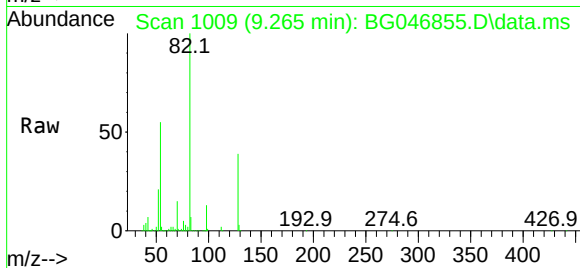


#19

n-Nitroso-di-n-propylamine
 Concen: 18.39 ng
 RT: 9.265 min Scan# 1009
 Delta R.T. 0.352 min
 Lab File: BG046855.D
 Acq: 12 Oct 2020 20:24

Instrument :
 BNA_G
 ClientSampleId :
 11929

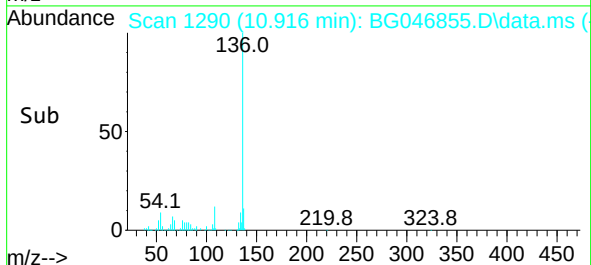
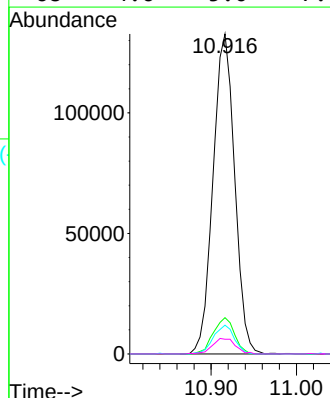
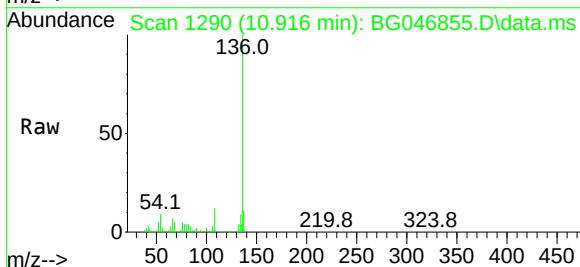
Tgt Ion:	70	Resp:	69455
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.6	68.4
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#

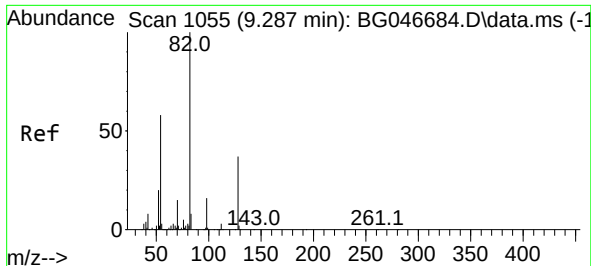


#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.916 min Scan# 1290
 Delta R.T. -0.006 min
 Lab File: BG046855.D
 Acq: 12 Oct 2020 20:24

Tgt Ion:	136	Resp:	233366
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.0	6.2	9.4
68	4.6	5.0	7.4#

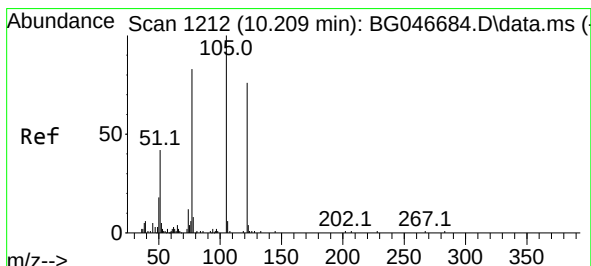
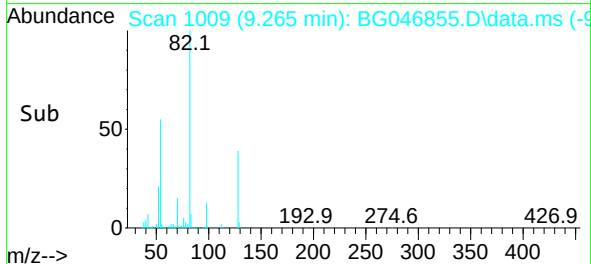
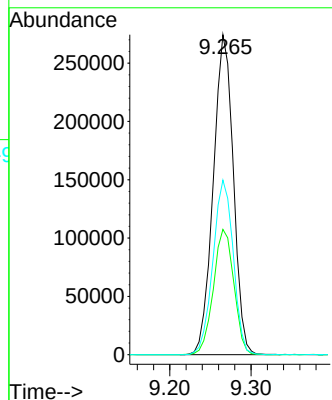
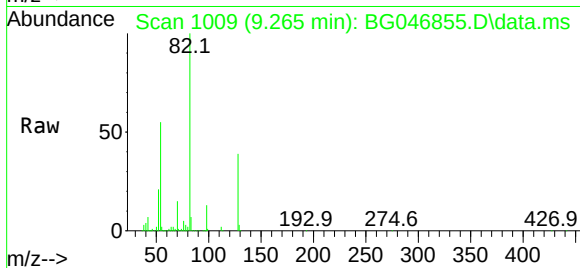




#23
Nitrobenzene-d5
Concen: 107.51 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

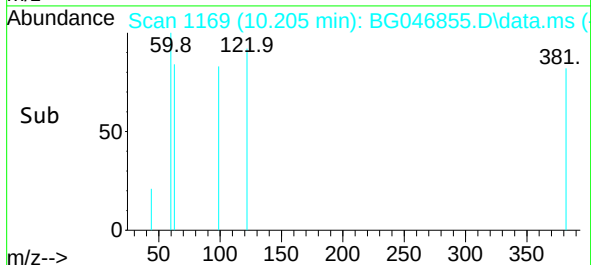
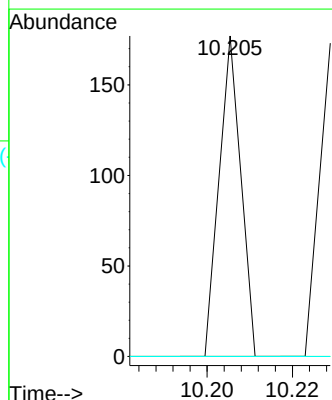
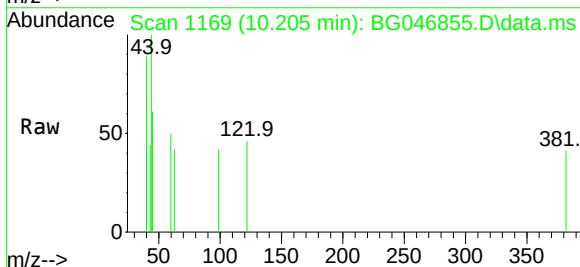
Instrument :
BNA_G
ClientSampleId :
11929

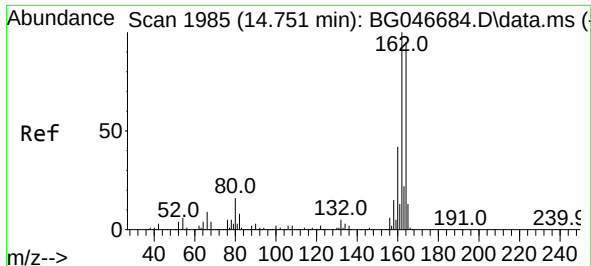
Tgt Ion: 82 Resp: 471589
Ion Ratio Lower Upper
82 100
128 39.1 37.0 55.6
54 54.6 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.205 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

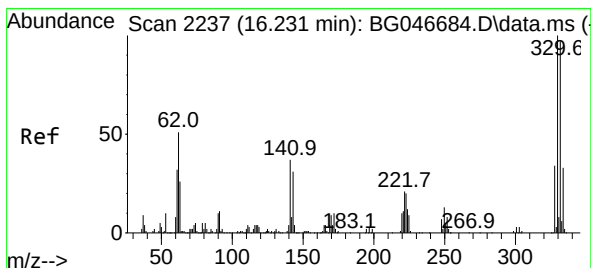
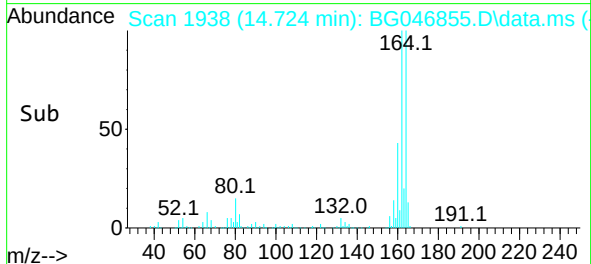
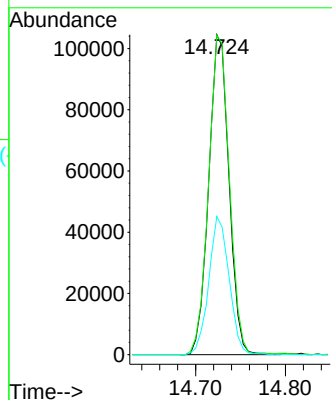
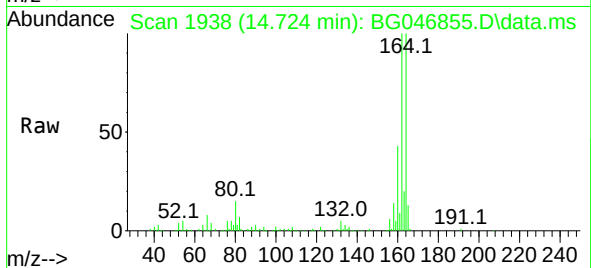




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

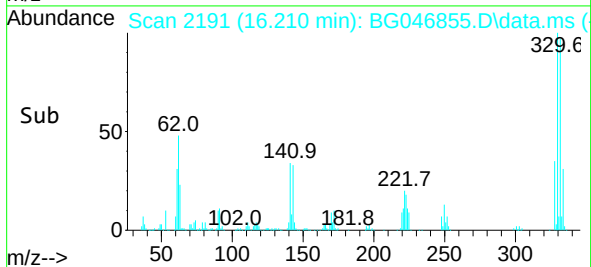
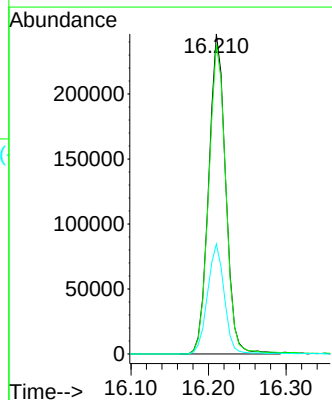
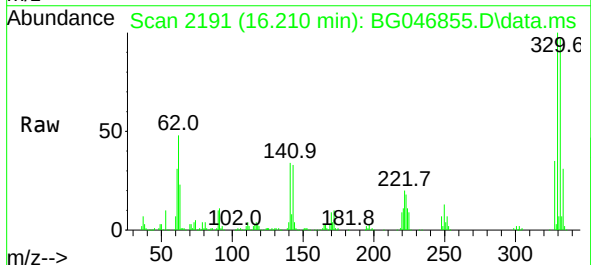
Instrument :
BNA_G
ClientSampled :
11929

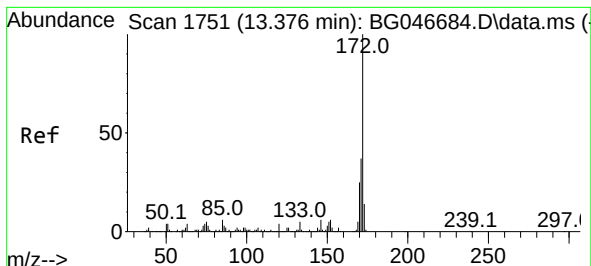
Tgt Ion:164 Resp: 163754
Ion Ratio Lower Upper
164 100
162 99.8 82.3 123.5
160 43.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 173.11 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion:330 Resp: 373773
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 33.9 26.0 39.0

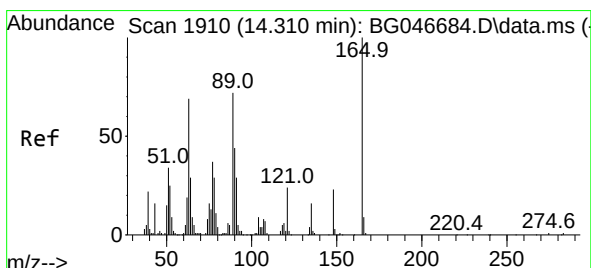
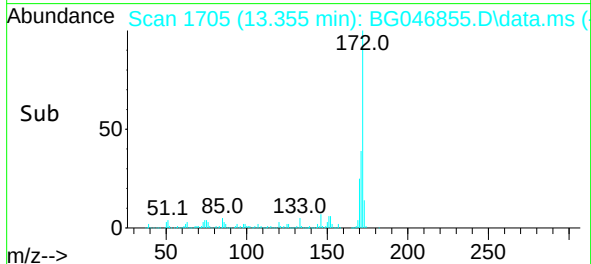
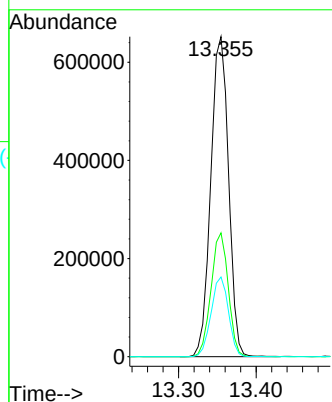
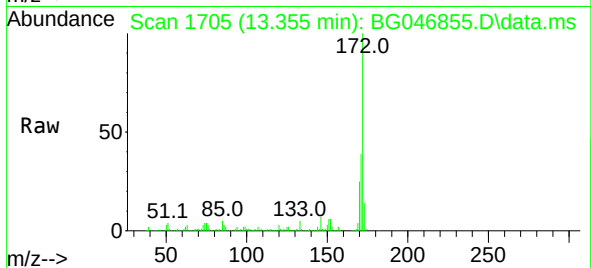




#45
2-Fluorobiphenyl
Concen: 89.70 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

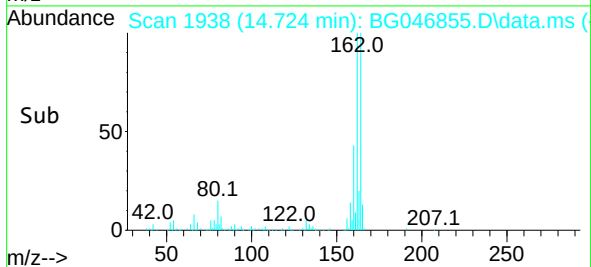
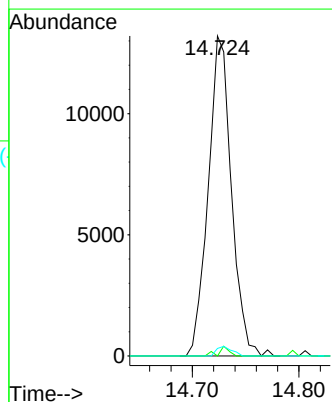
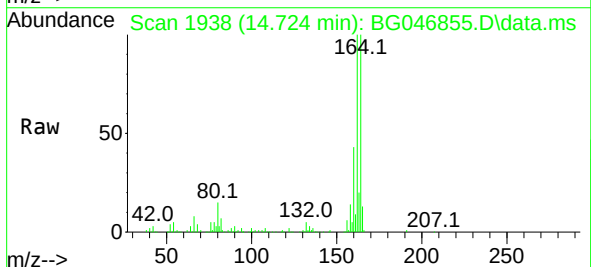
Instrument :
BNA_G
ClientSampleId :
11929

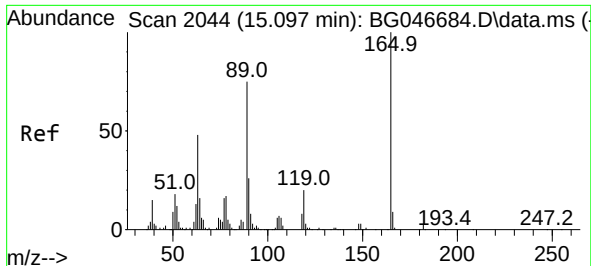
Tgt Ion:172 Resp: 1037515
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 24.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 9.39 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.423 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

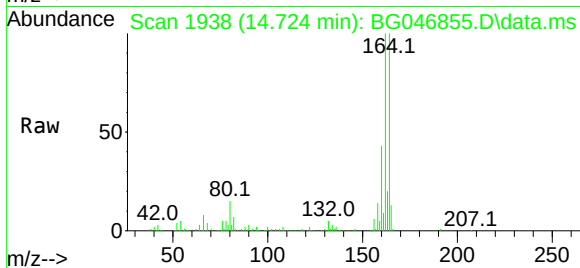
Tgt Ion:165 Resp: 19962
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.4 36.6 54.8#



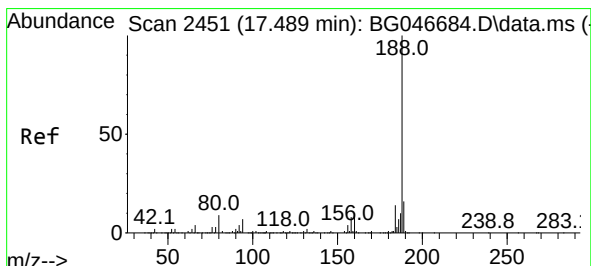
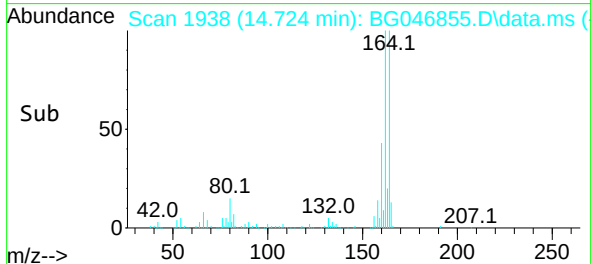
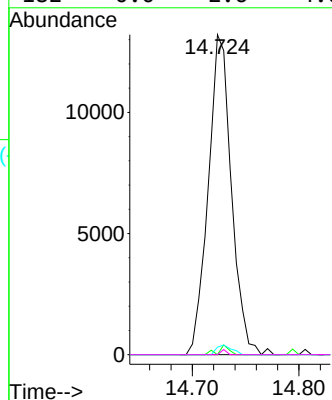


#57
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Instrument :
BNA_G
ClientSampled :
11929

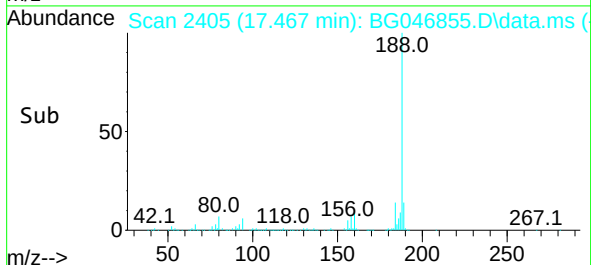
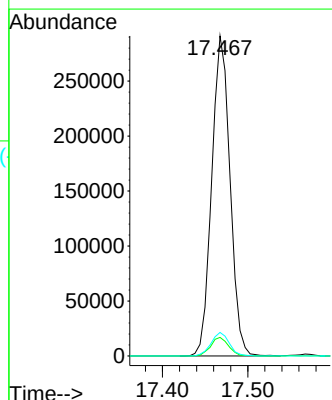
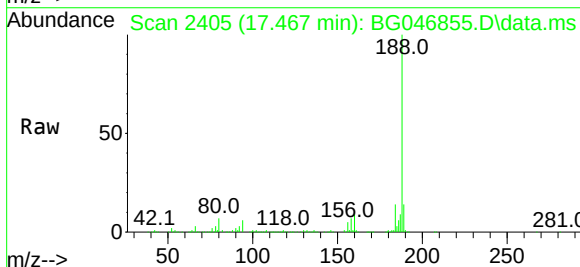


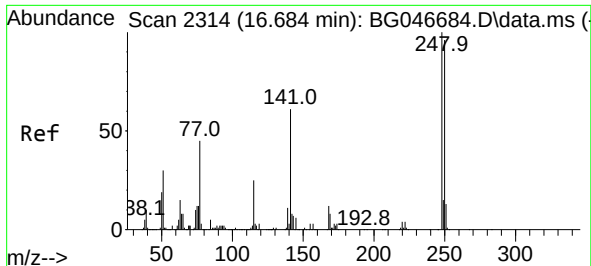
Tgt Ion:165 Resp: 19962
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.467 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion:188 Resp: 433820
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.3 7.0 10.6

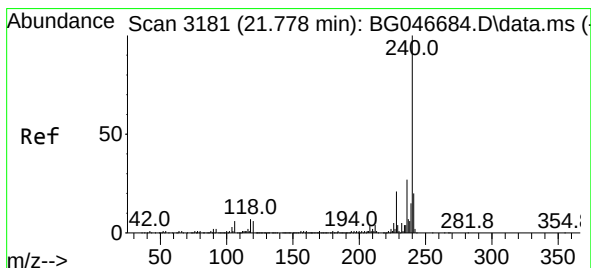
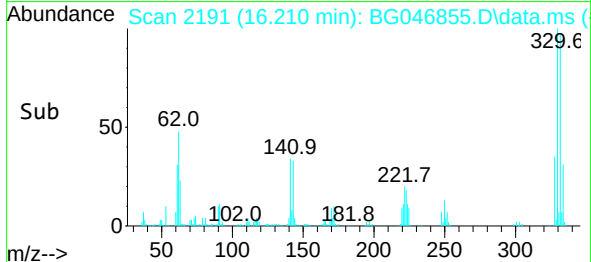
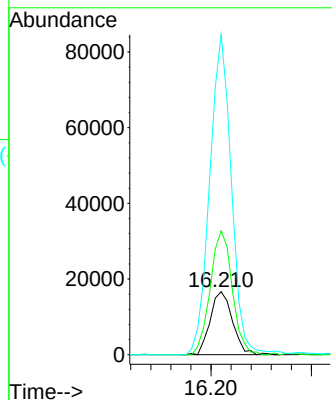
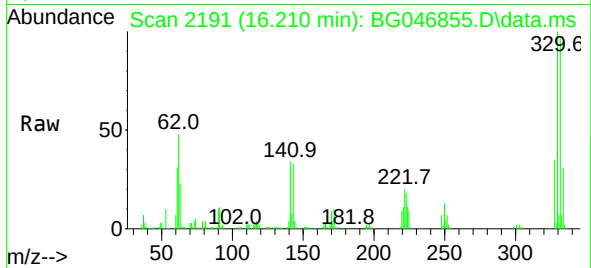




#67
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

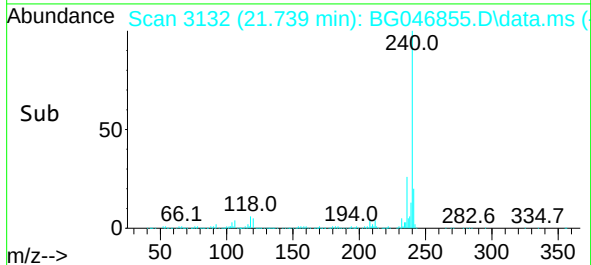
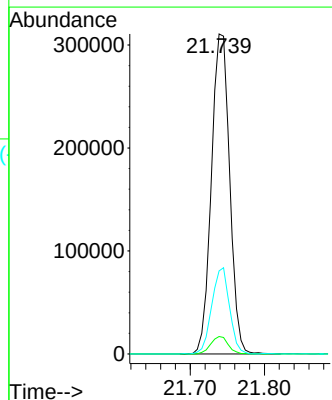
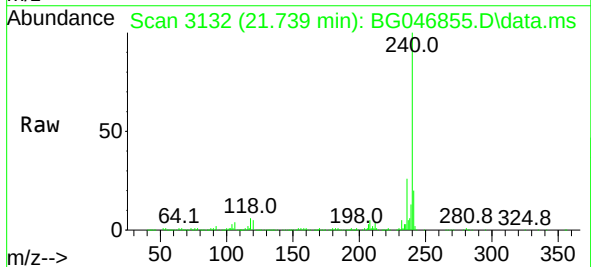
Instrument :
BNA_G
ClientSampleId :
11929

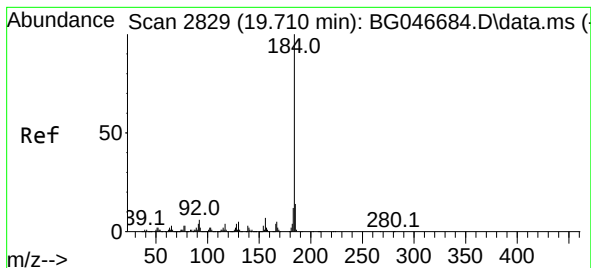
Tgt Ion:248 Resp: 25665
Ion Ratio Lower Upper
248 100
250 193.0 78.9 118.3#
141 384.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BG046855.D
Acq: 12 Oct 2020 20:24

Tgt Ion:240 Resp: 531997
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 26.0 20.5 30.7





#77

Benzidine

Concen: 2.41 ng

RT: 20.076 min Scan# 2849

Delta R.T. 0.376 min

Lab File: BG046855.D

Acq: 12 Oct 2020 20:24

Tgt Ion:184 Resp: 39566

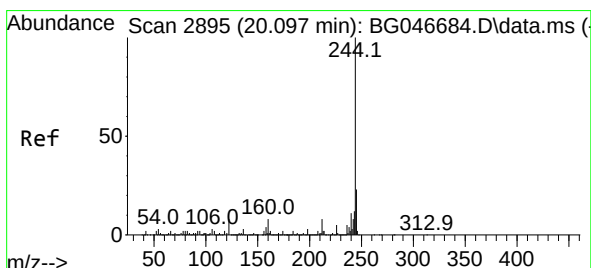
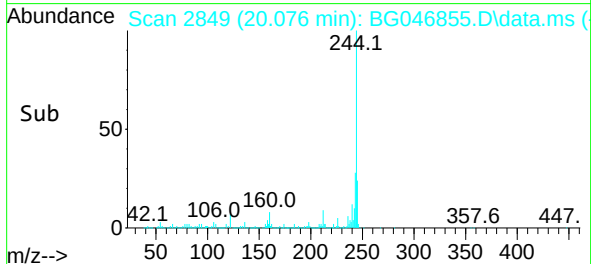
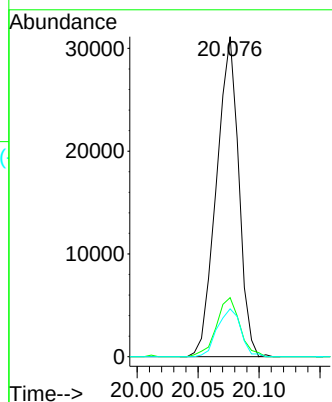
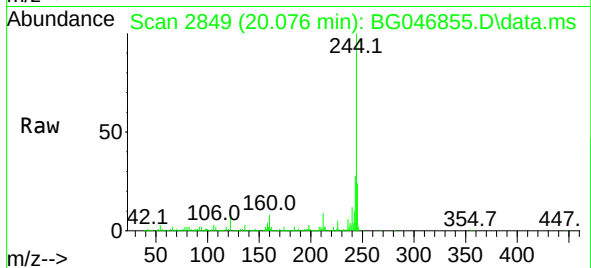
Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.4	18.6
183	14.9	10.6	15.8

Instrument :

BNA_G

ClientSampleId :

11929



#79

Terphenyl-d14

Concen: 83.25 ng

RT: 20.076 min Scan# 2849

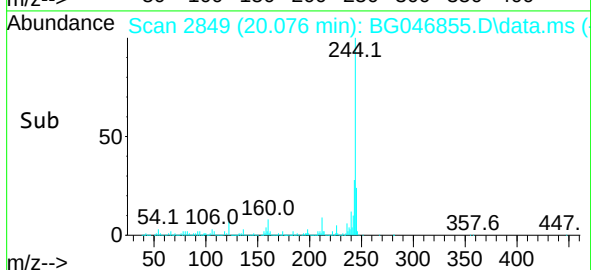
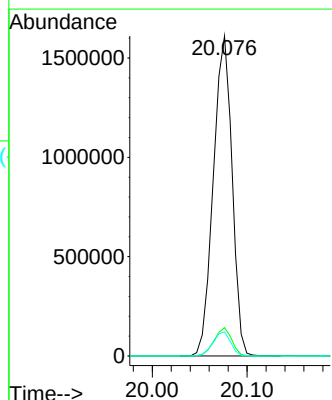
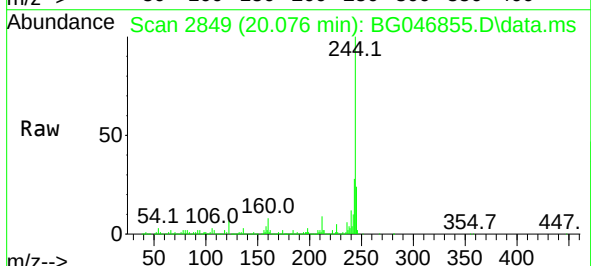
Delta R.T. -0.006 min

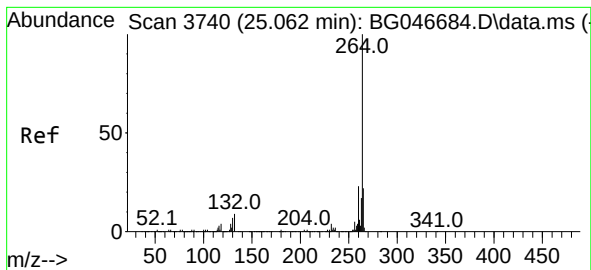
Lab File: BG046855.D

Acq: 12 Oct 2020 20:24

Tgt Ion:244 Resp: 2209770

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	7.5	7.8	11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.012 min Scan# 3689
 Delta R.T. -0.018 min
 Lab File: BG046855.D
 Acq: 12 Oct 2020 20:24

Instrument :
 BNA_G
 ClientSampleId :
 11929

Tgt Ion:264	Resp:	507339
Ion	Ratio	Lower Upper
264	100	
260	22.1	18.8 28.2
265	21.8	17.8 26.8

