

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048766.D
 Acq On : 19 Apr 2021 14:53
 Operator : CG/JU
 Sample : M2075-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Quant Time: Apr 19 15:43:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

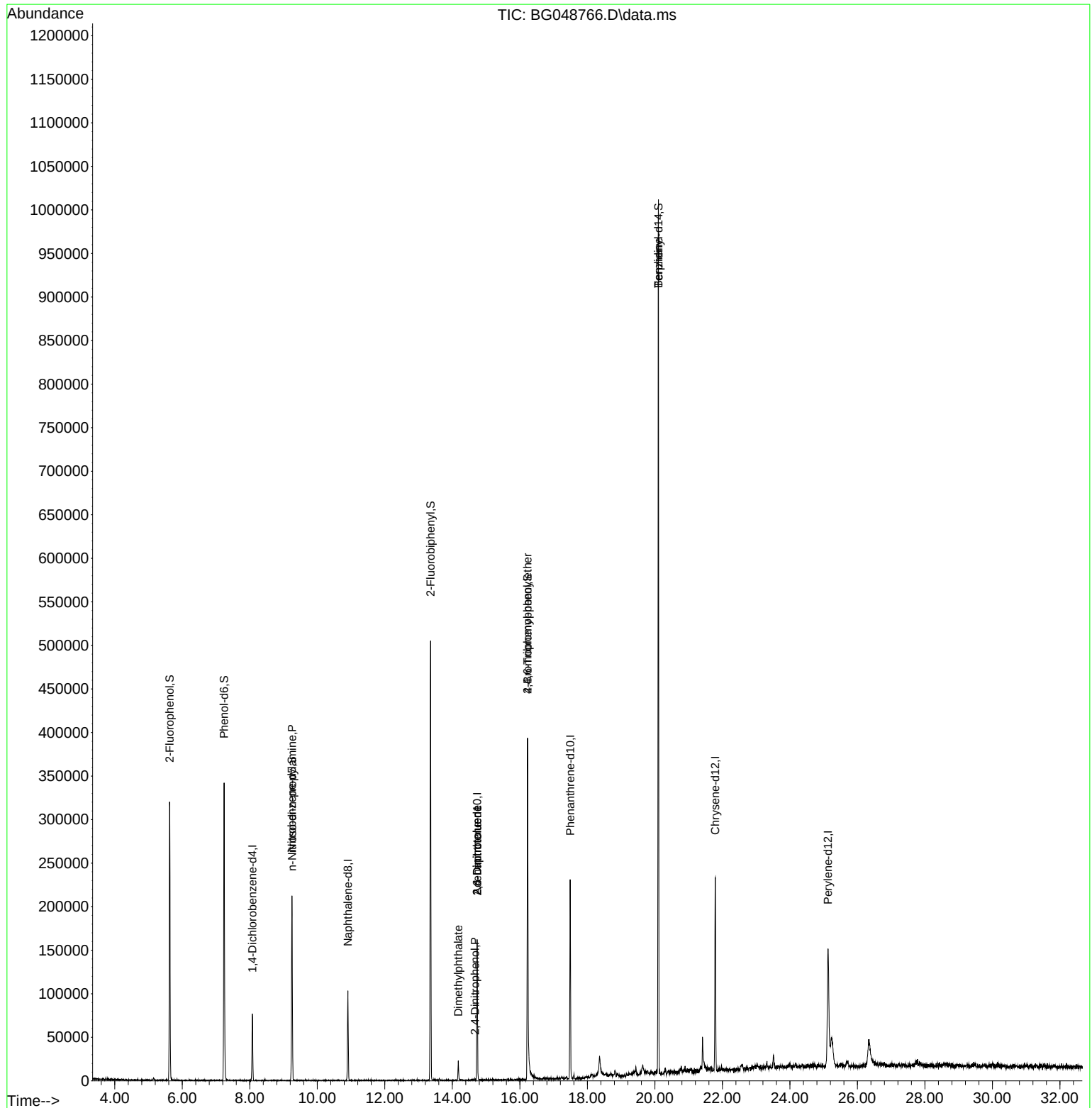
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	19677	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	77428	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	55935	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	137452	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	134006	20.00	ng	#-0.01
86) Perylene-d12	25.130	264	131720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	121449	103.23	ng	0.00
7) Phenol-d6	7.239	99	158384	95.18	ng	0.00
23) Nitrobenzene-d5	9.249	82	116427	67.32	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	73192	97.59	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	246483	63.64	ng	0.00
79) Terphenyl-d14	20.107	244	454522	58.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	18478	16.46	ng	# 68
50) Dimethylphthalate	14.178	163	12289	2.93	ng	# 95
51) 2,6-Dinitrotoluene	14.736	165	7179	7.42	ng	# 16
54) 2,4-Dinitrophenol	14.678	184	57	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7179	5.11	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	5716	3.61	ng	# 1
77) Benzidine	20.107	184	8728	2.40	ng	# 90

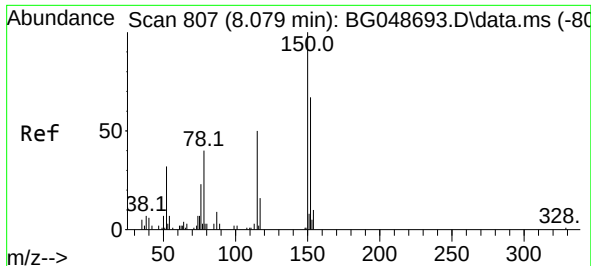
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

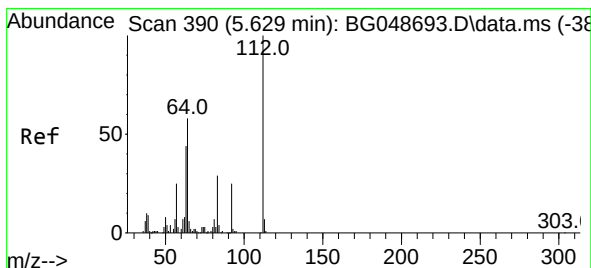
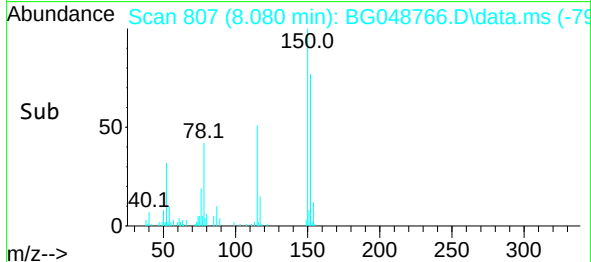
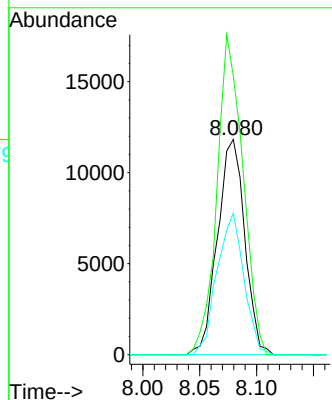
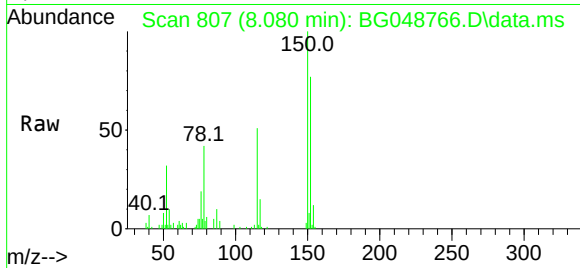




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

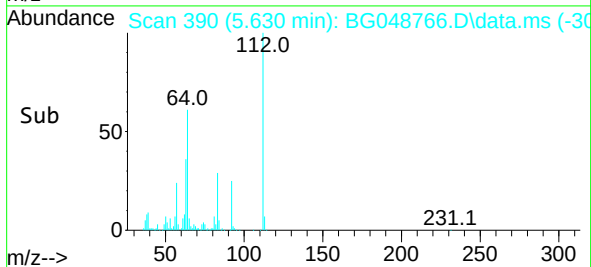
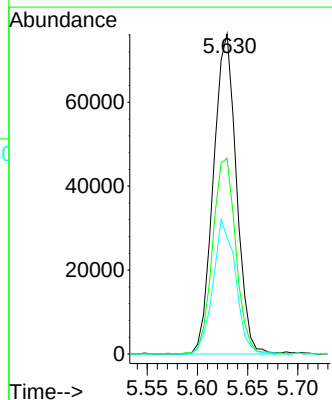
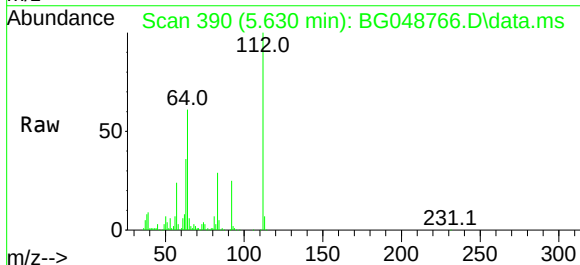
Instrument :
BNA_G
ClientSampled :
TP-1-D

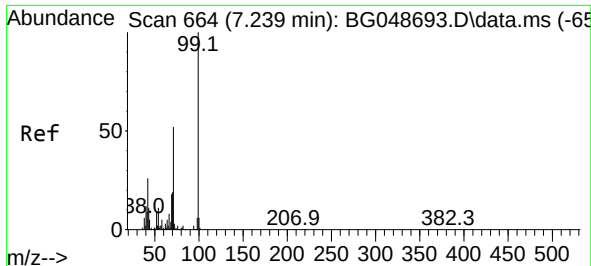
Tgt Ion:152 Resp: 19677
Ion Ratio Lower Upper
152 100
150 129.6 119.4 179.0
115 65.7 60.2 90.4



#5
2-Fluorophenol
Concen: 103.23 ng
RT: 5.630 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:112 Resp: 121449
Ion Ratio Lower Upper
112 100
64 61.2 46.7 70.1
63 36.2 35.3 52.9

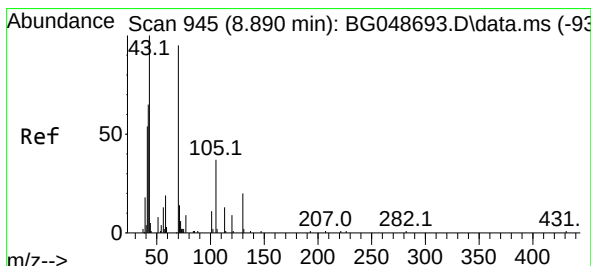
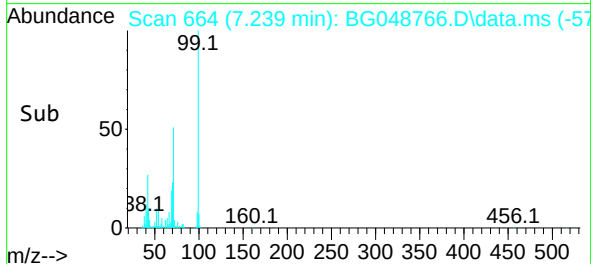
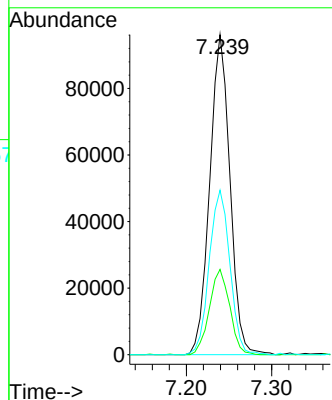
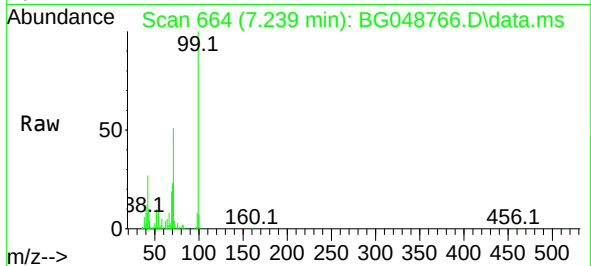




#7
Phenol-d6
Concen: 95.18 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

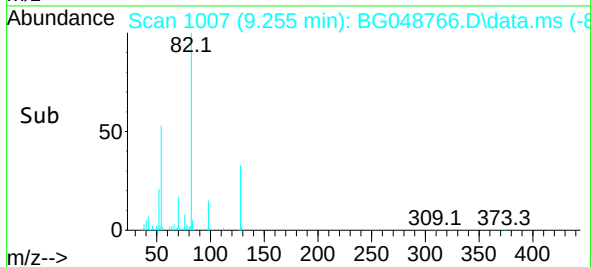
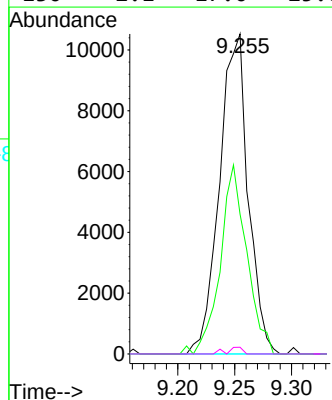
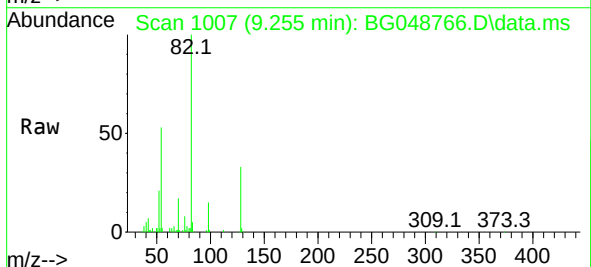
Instrument :
BNA_G
ClientSampleId :
TP-1-D

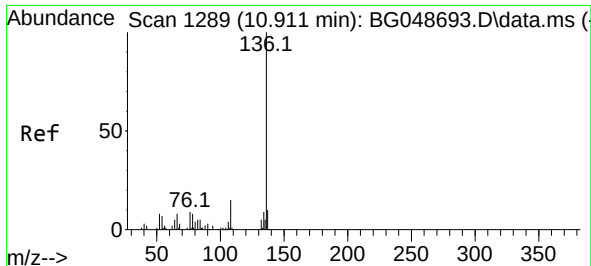
Tgt Ion: 99 Resp: 158384
Ion Ratio Lower Upper
99 100
42 26.7 20.5 30.7
71 51.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 9.255 min Scan# 1007
Delta R.T. 0.364 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion: 70 Resp: 18478
Ion Ratio Lower Upper
70 100
42 43.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

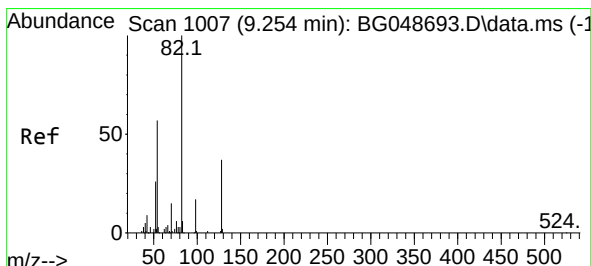
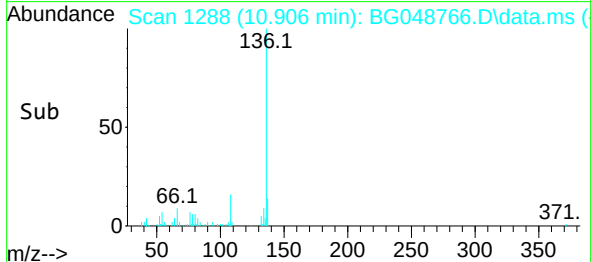
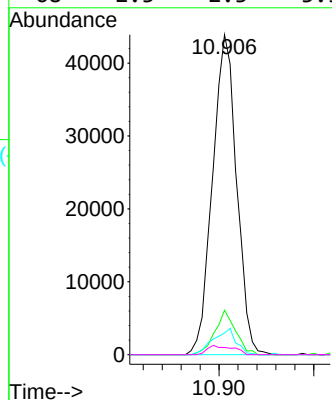
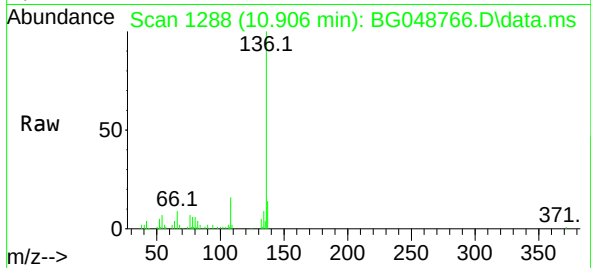




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

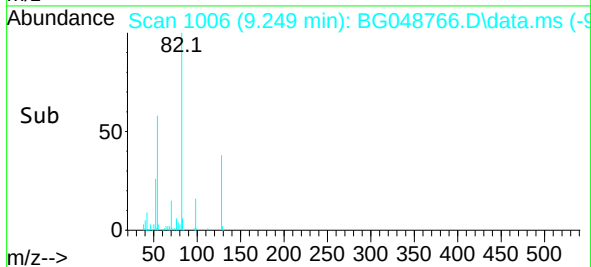
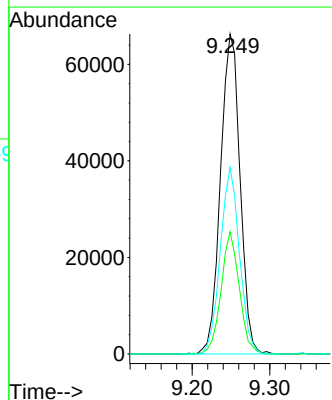
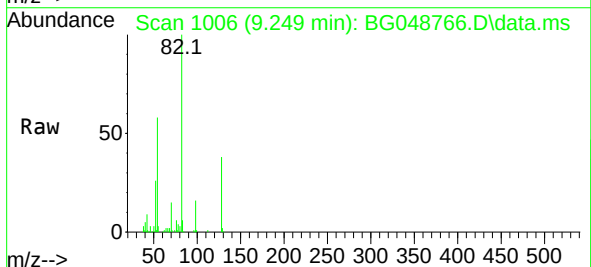
Instrument :
BNA_G
ClientSampleId :
TP-1-D

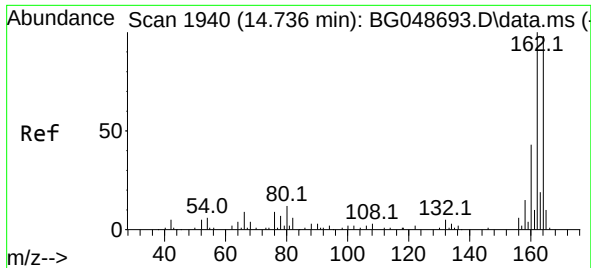
Tgt Ion:	136	Resp:	77428
Ion Ratio	Lower	Upper	
136	100		
137	13.9	8.2	12.2#
54	6.8	5.5	8.3
68	2.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 67.32 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:	82	Resp:	116427
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.8	44.6
54	58.3	45.8	68.8

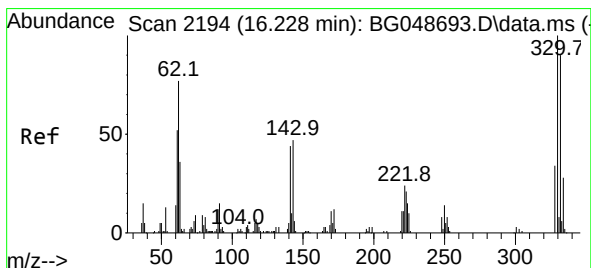
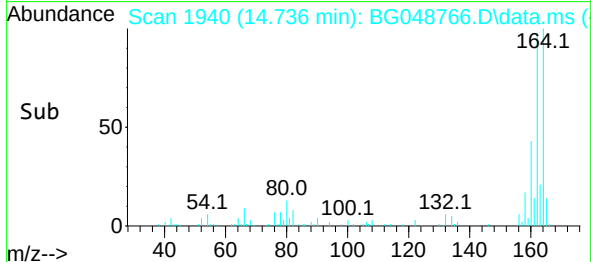
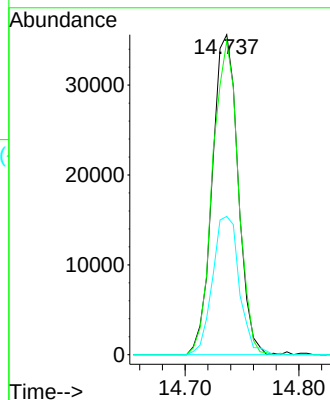
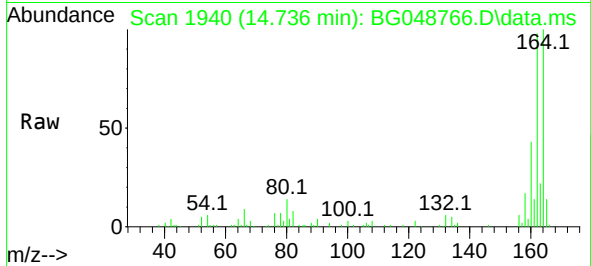




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

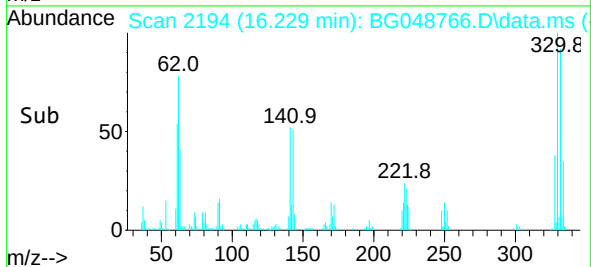
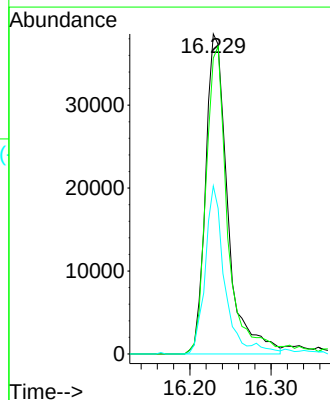
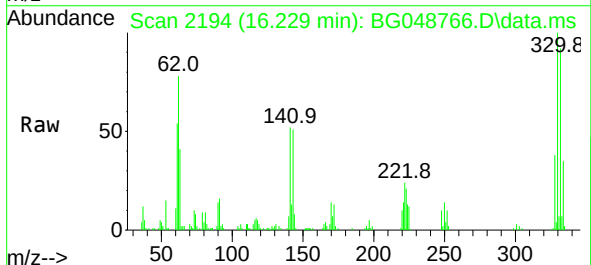
Instrument :
BNA_G
ClientSampleId :
TP-1-D

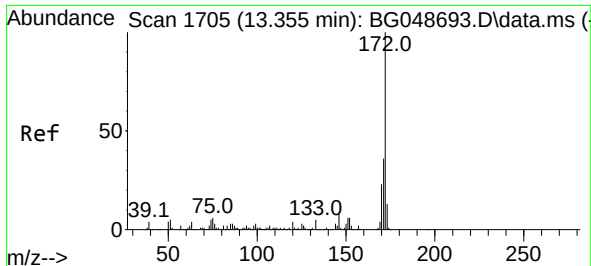
Tgt Ion:164	Resp:	55935
Ion Ratio	Lower	Upper
164	100	
162	98.0	81.4 122.0
160	43.2	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 97.59 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:330	Resp:	73192
Ion Ratio	Lower	Upper
330	100	
332	93.4	77.3 115.9
141	46.3	35.6 53.4

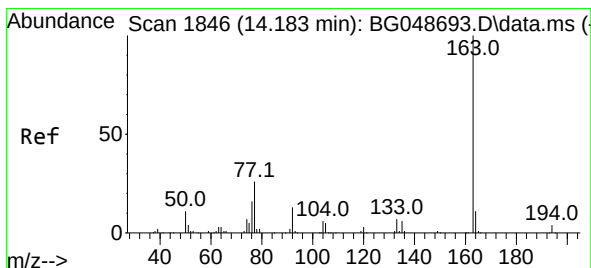
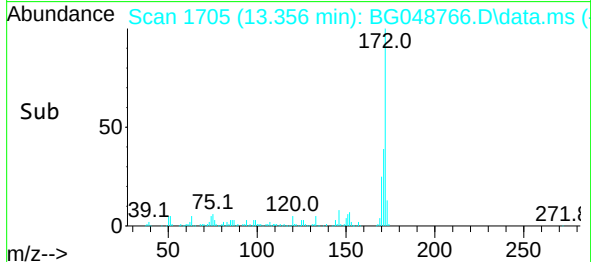
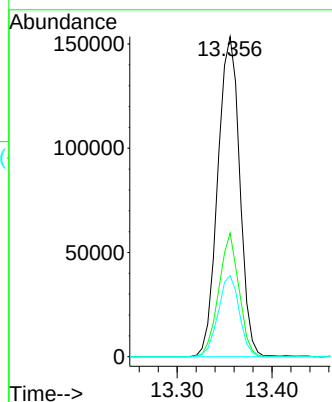
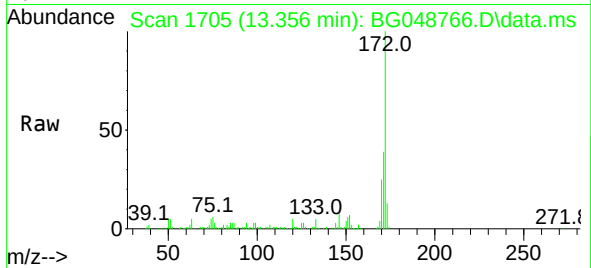




#45
2-Fluorobiphenyl
Concen: 63.64 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

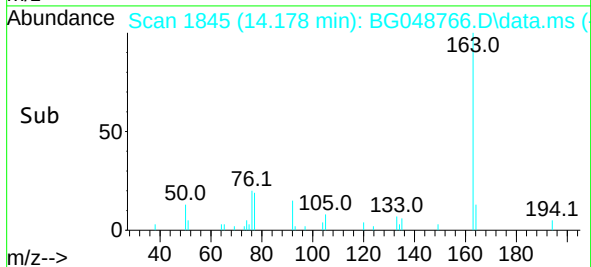
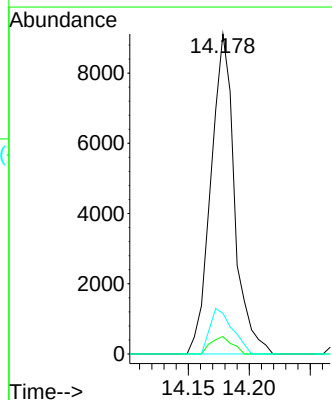
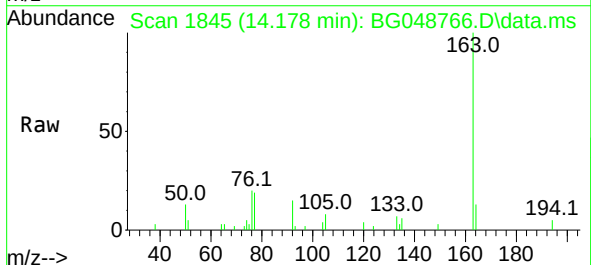
Instrument :
BNA_G
ClientSampled :
TP-1-D

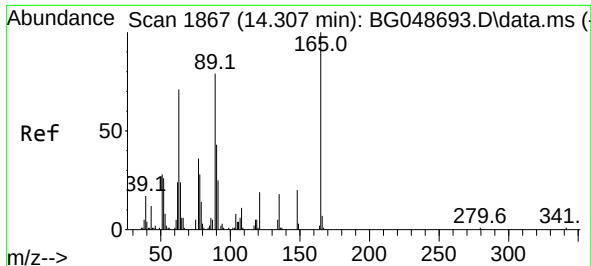
Tgt Ion:	172	Resp:	246483
Ion Ratio	Lower	Upper	
172	100		
171	38.6	28.6	43.0
170	25.4	18.6	27.8



#50
Dimethylphthalate
Concen: 2.93 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:	163	Resp:	12289
Ion Ratio	Lower	Upper	
163	100		
194	5.5	3.0	4.6#
164	12.7	8.6	12.8

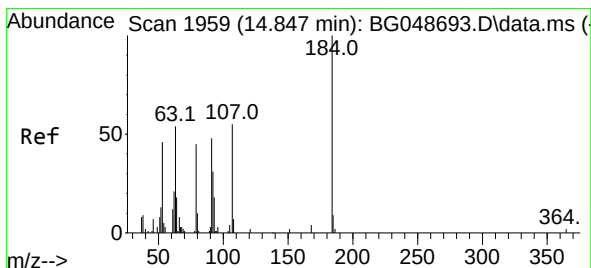
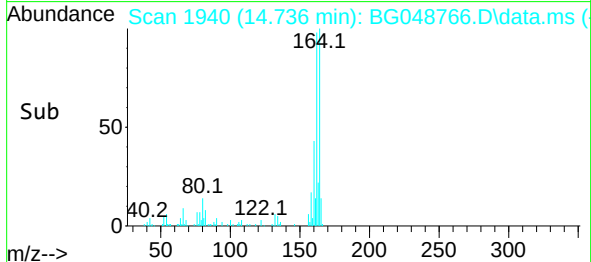
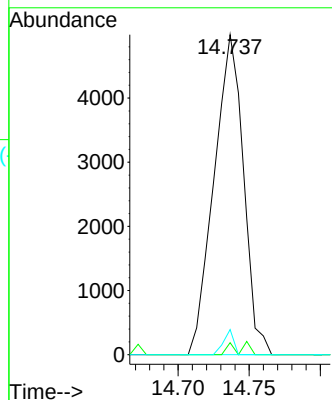
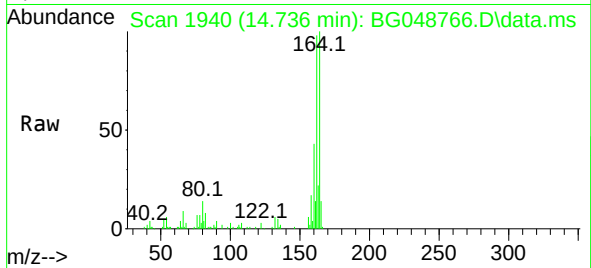




#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

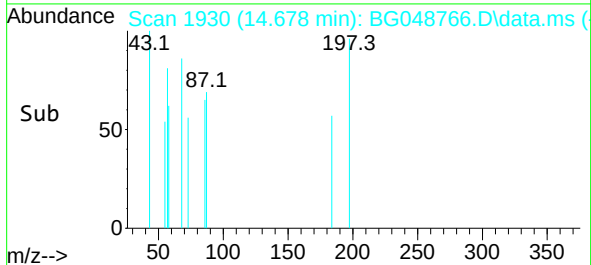
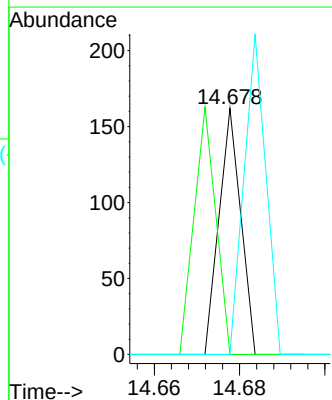
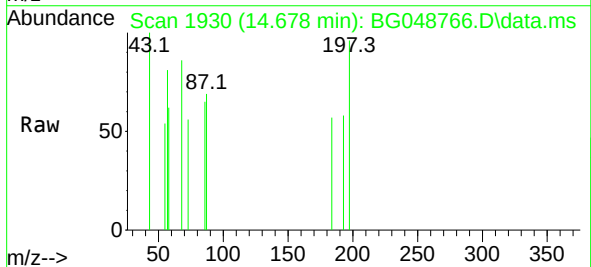
Instrument :
BNA_G
ClientSampled :
TP-1-D

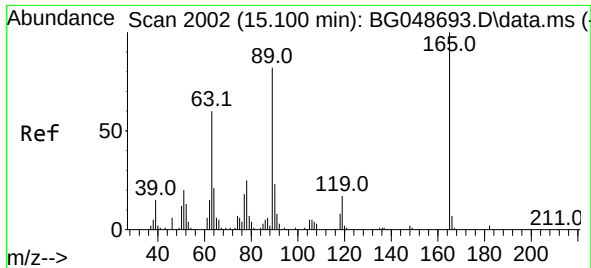
Tgt Ion:165 Resp: 7179
Ion Ratio Lower Upper
165 100
63 3.7 63.3 94.9#
89 7.8 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.678 min Scan# 1930
Delta R.T. -0.177 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

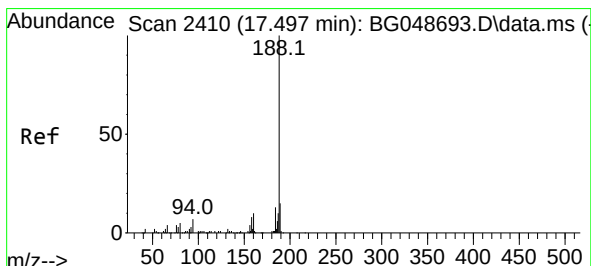
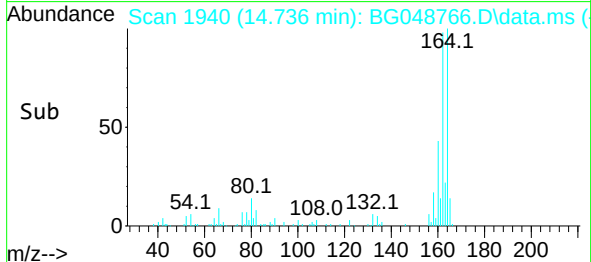
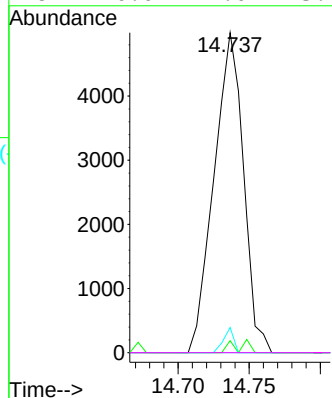
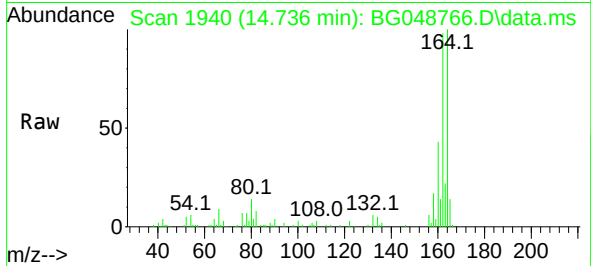




#57
2,4-Dinitrotoluene
Concen: 5.11 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

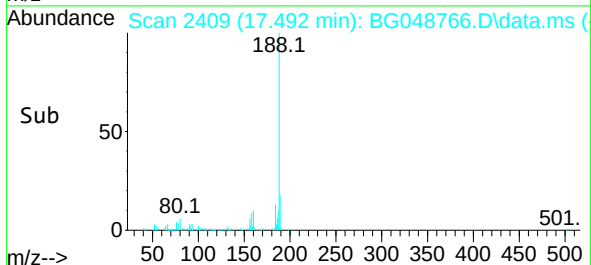
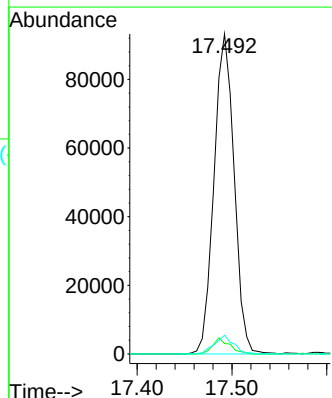
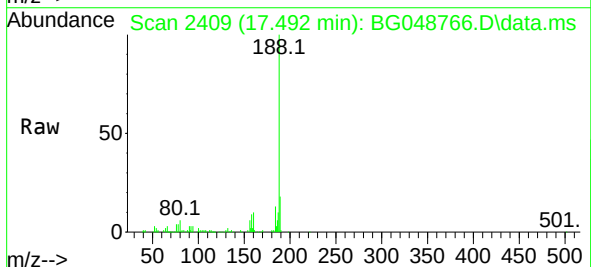
Instrument :
BNA_G
ClientSampleId :
TP-1-D

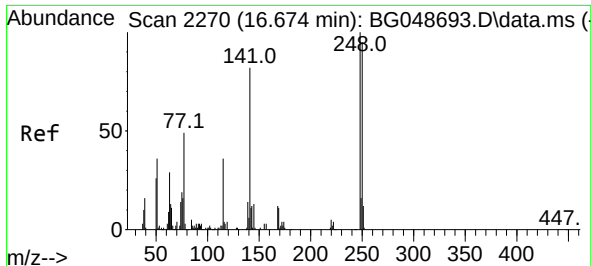
Tgt Ion:165	Resp:	7179
Ion Ratio	Lower	Upper
165	100	
63	3.7	48.0 72.0#
89	7.8	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:188	Resp:	137452
Ion Ratio	Lower	Upper
188	100	
94	3.3	5.4 8.0#
80	5.8	3.7 5.5#

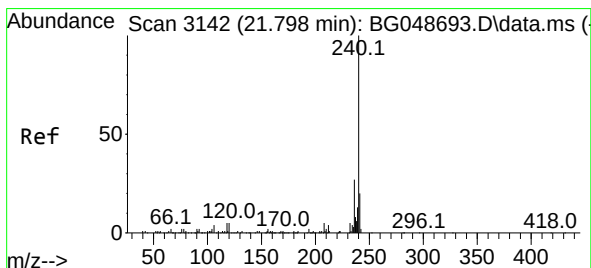
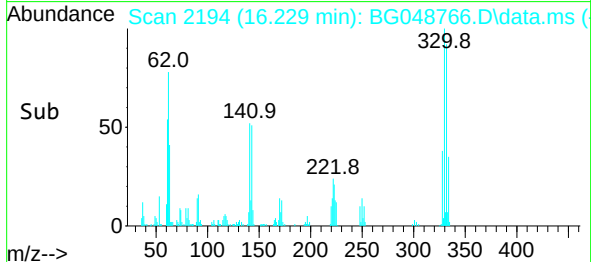
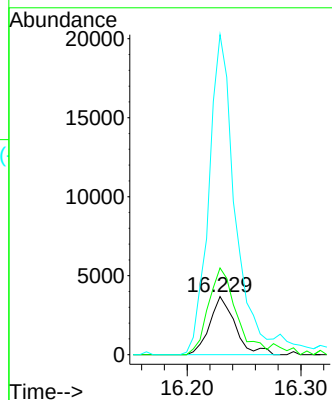
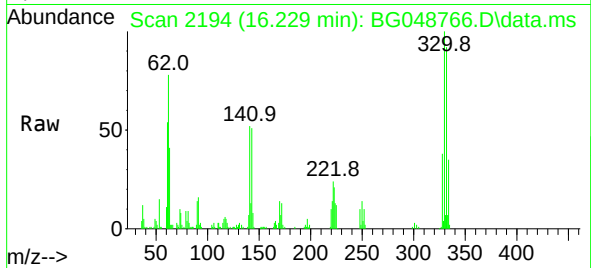




#67
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

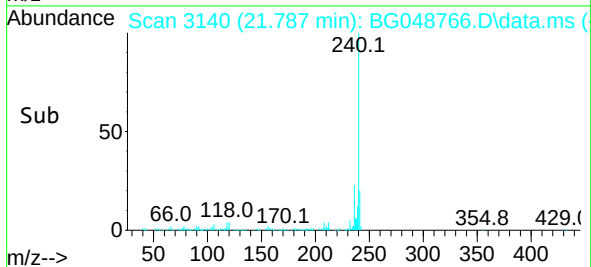
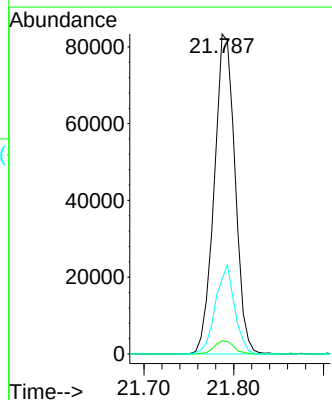
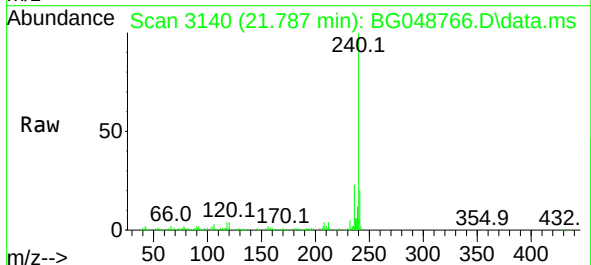
Instrument :
BNA_G
ClientSampled :
TP-1-D

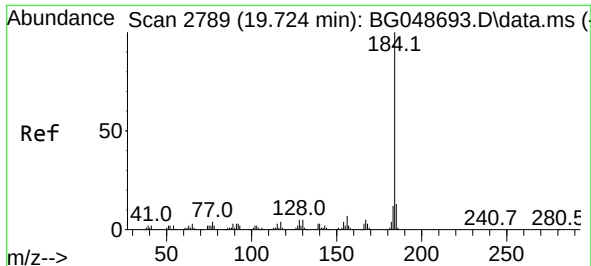
Tgt Ion:248 Resp: 5716
Ion Ratio Lower Upper
248 100
250 126.0 76.1 114.1#
141 465.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Tgt Ion:240 Resp: 134006
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 23.4 21.8 32.6

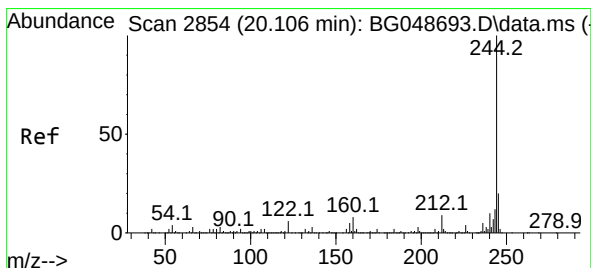
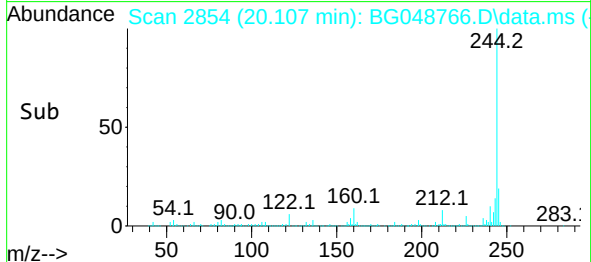
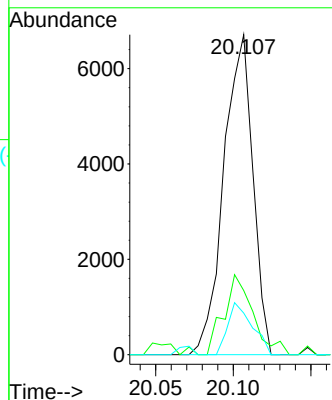
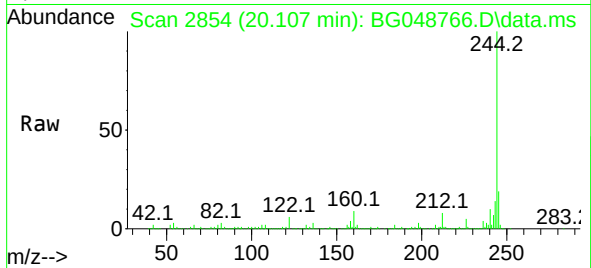




#77
Benzidine
Concen: 2.40 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

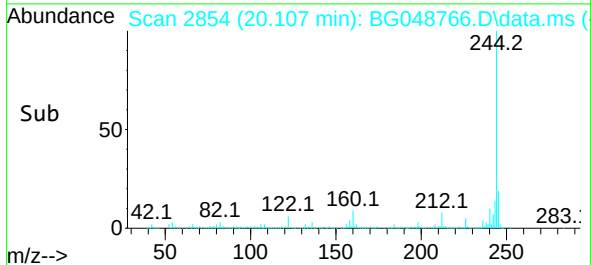
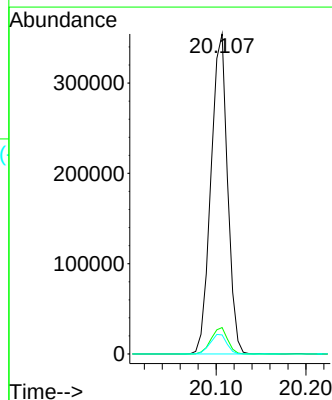
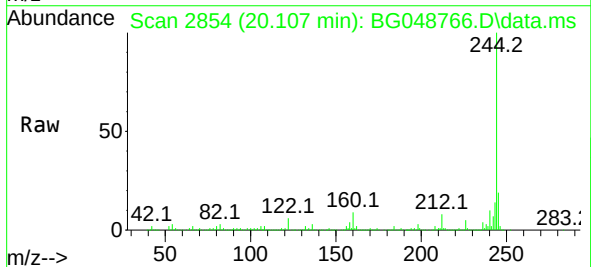
Instrument :
BNA_G
ClientSampled :
TP-1-D

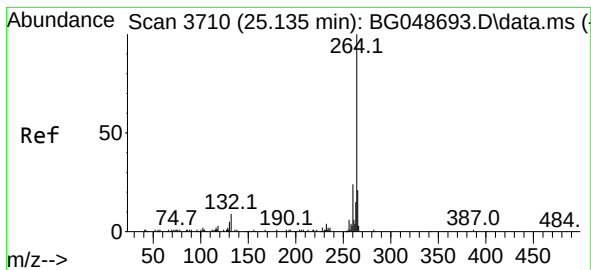
Tgt Ion:184 Resp: 8728
Ion Ratio Lower Upper
184 100
185 20.1 10.7 16.1#
183 13.0 9.4 14.0



#79
Terphenyl-d14
Concen: 58.38 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

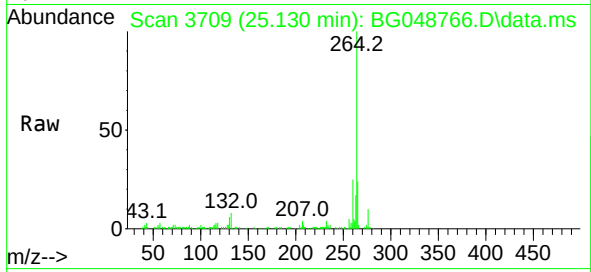
Tgt Ion:244 Resp: 454522
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.0 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.130 min Scan# 3709
Delta R.T. -0.012 min
Lab File: BG048766.D
Acq: 19 Apr 2021 14:53

Instrument :
BNA_G
ClientSampleId :
TP-1-D



Tgt Ion:264 Resp: 131720

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	24.3	16.9	25.3

