

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048803.D
 Acq On : 20 Apr 2021 20:52
 Operator : CG/JU
 Sample : M2075-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-D

Quant Time: Apr 21 04:33:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

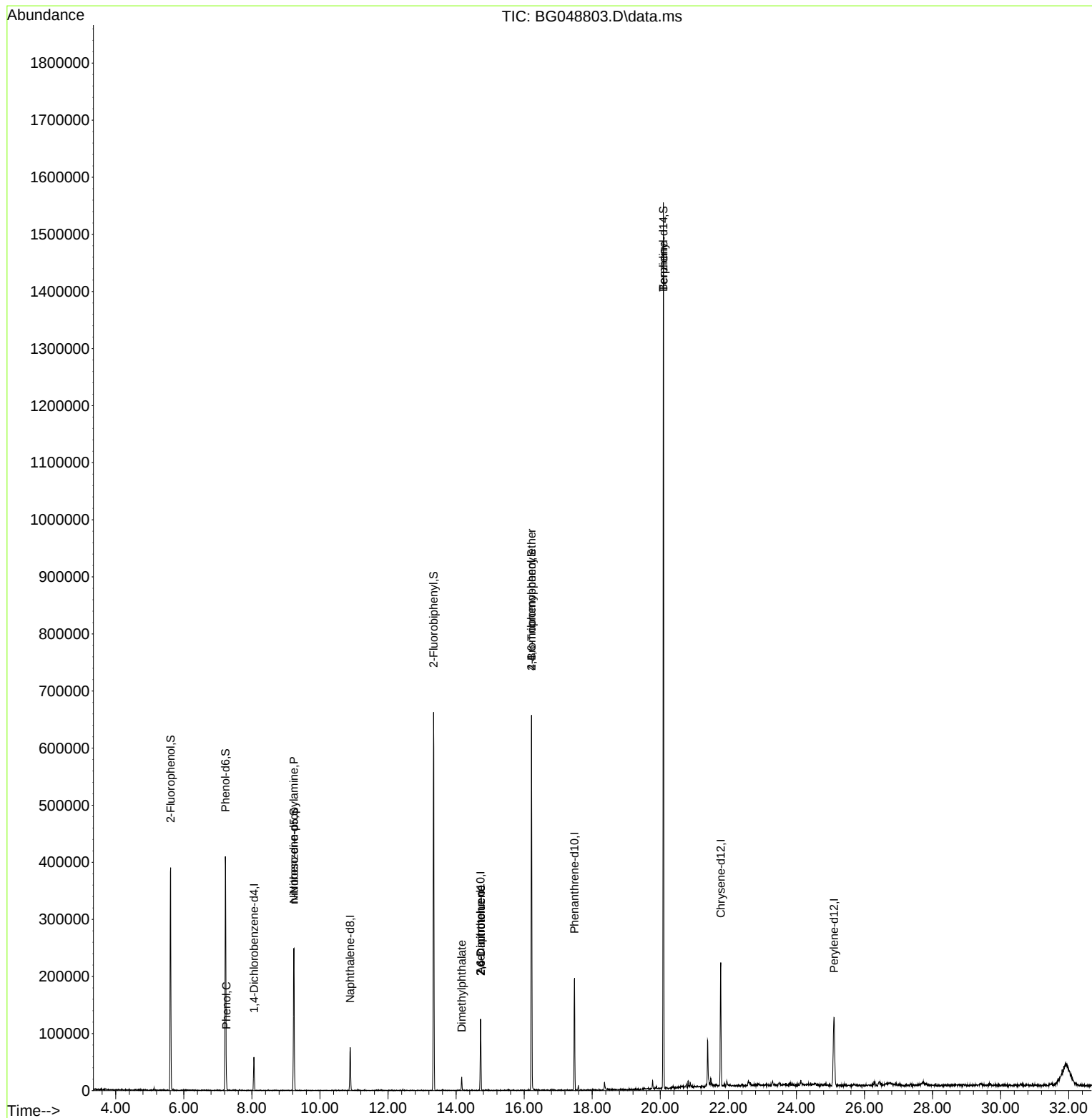
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	13688	20.00	ng	# 0.00
21) Naphthalene-d8	10.889	136	61627	20.00	ng	# 0.00
39) Acenaphthene-d10	14.720	164	44787	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	123592	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	129971	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	130399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	152847	186.76	ng	0.00
7) Phenol-d6	7.223	99	196143	169.44	ng	0.00
23) Nitrobenzene-d5	9.238	82	142698	103.67	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	104832	174.57	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	318614	102.73	ng	0.00
79) Terphenyl-d14	20.090	244	694008	91.90	ng	0.00
Target Compounds						
10) Phenol	7.252	94	4499	3.95	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	9.232	70	22001	28.17	ng	# 74
50) Dimethylphthalate	14.167	163	12896	3.84	ng	# 96
51) 2,6-Dinitrotoluene	14.726	165	6366	8.21	ng	# 10
57) 2,4-Dinitrotoluene	14.726	165	6366	5.66	ng	# 15
67) 4-Bromophenyl-phenylether	16.218	248	8377	5.89	ng	# 1
77) Benzidine	20.090	184	14580	4.13	ng	98

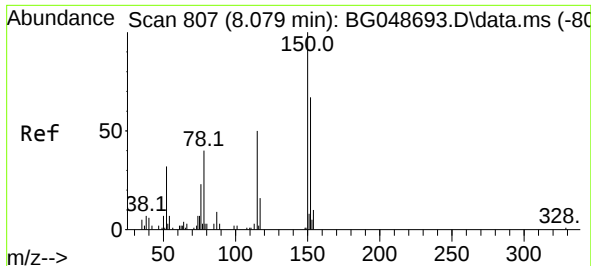
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-D

Quant Time: Apr 21 04:33:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

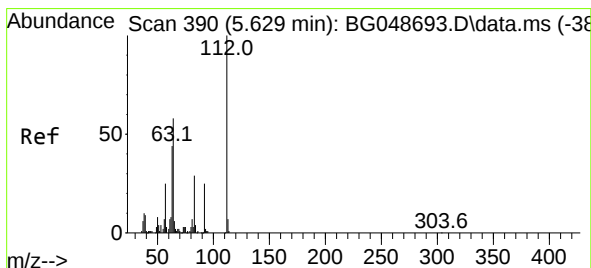
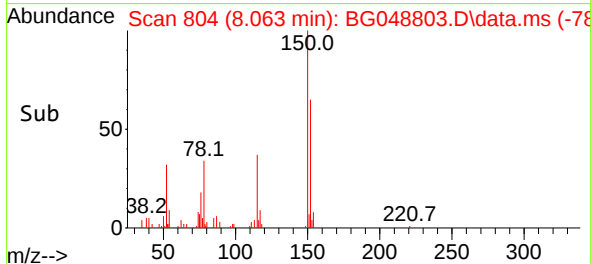
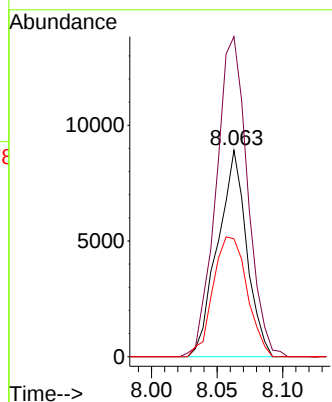
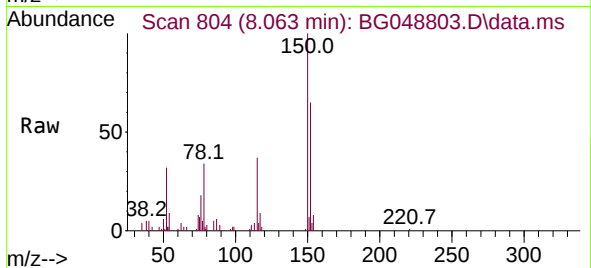




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.063 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

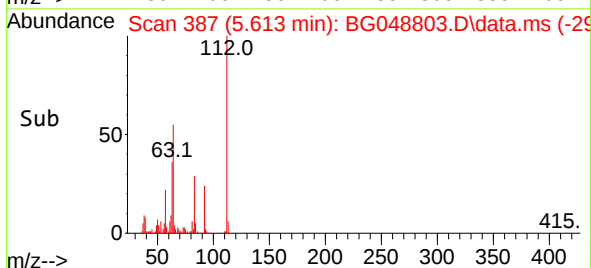
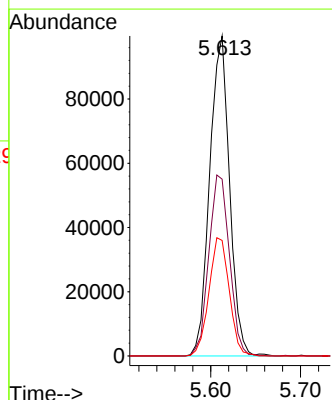
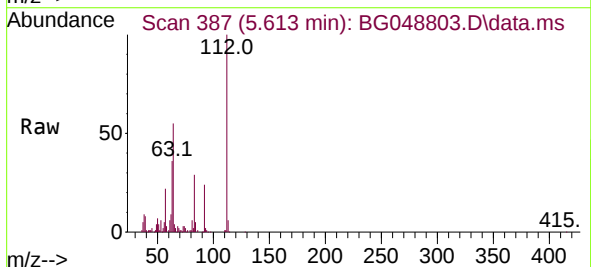
Instrument :
BNA_G
ClientSampled :
TP-4-D

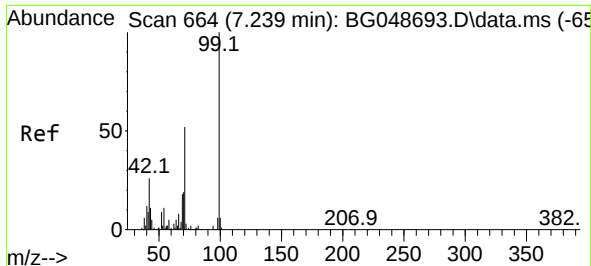
Tgt Ion:152 Resp: 13688
Ion Ratio Lower Upper
152 100
150 155.0 119.4 179.0
115 57.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 186.76 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:112 Resp: 152847
Ion Ratio Lower Upper
112 100
64 55.2 46.7 70.1
63 36.1 35.3 52.9

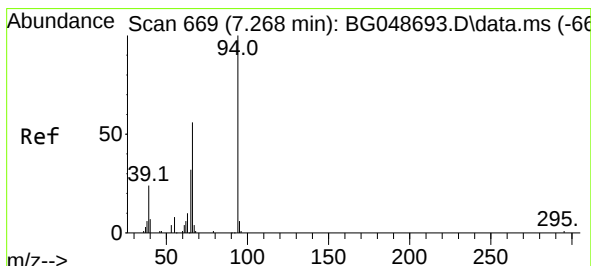
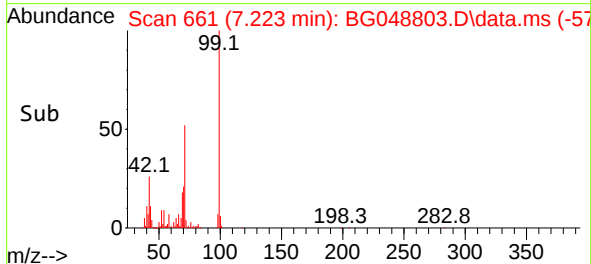
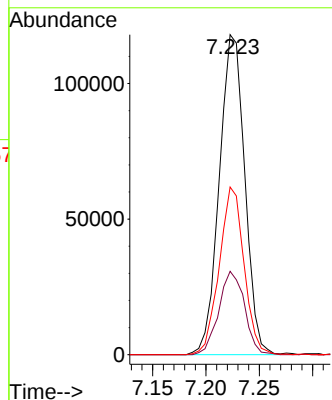
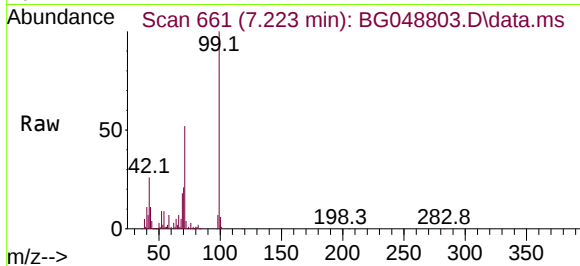




#7
Phenol-d6
Concen: 169.44 ng
RT: 7.223 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

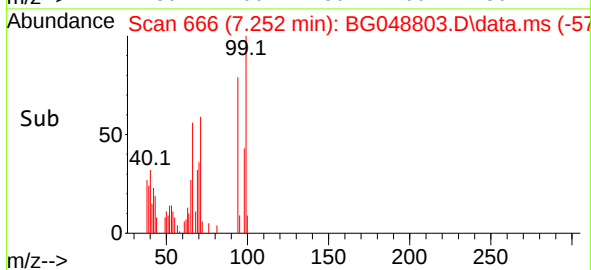
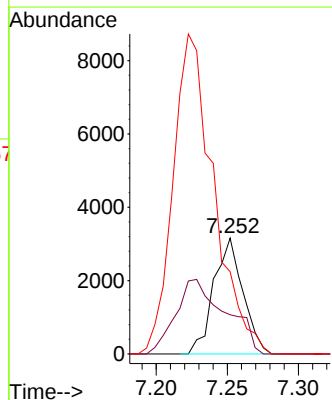
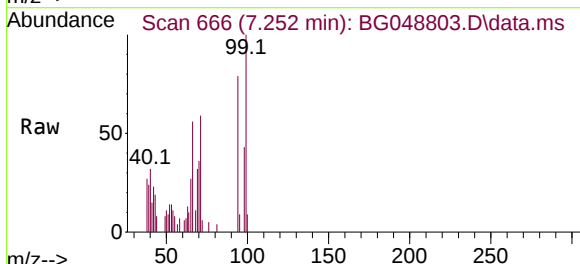
Instrument :
BNA_G
ClientSampled :
TP-4-D

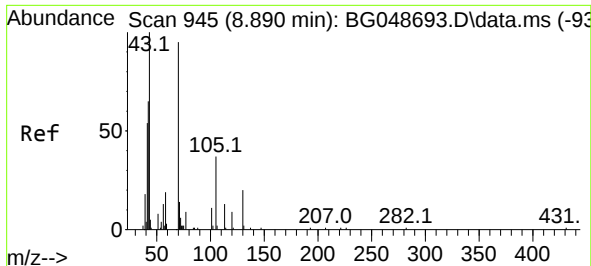
Tgt Ion: 99 Resp: 196143
Ion Ratio Lower Upper
99 100
42 26.1 20.5 30.7
71 52.4 41.5 62.3



#10
Phenol
Concen: 3.95 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion: 94 Resp: 4499
Ion Ratio Lower Upper
94 100
65 33.8 12.9 52.9
66 71.0 39.4 79.4

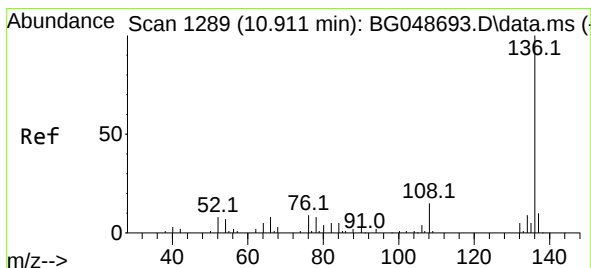
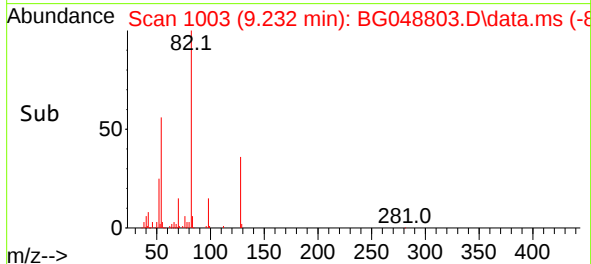
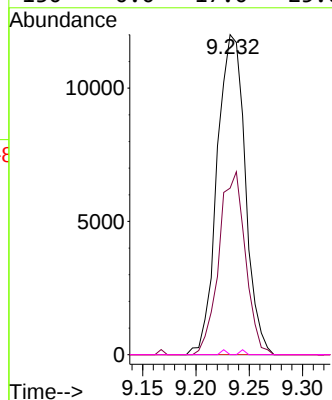
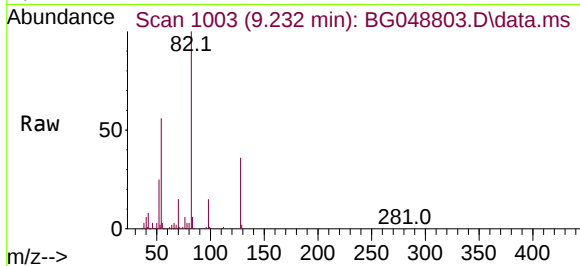




#19
n-Nitroso-di-n-propylamine
Concen: 28.17 ng
RT: 9.232 min Scan# 1003
Delta R.T. 0.360 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

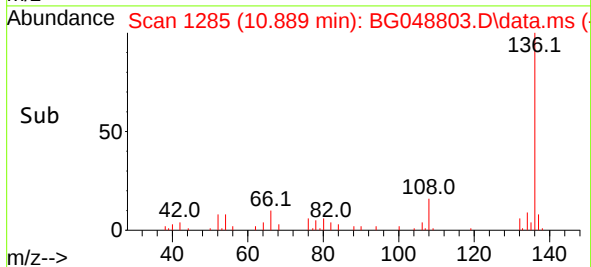
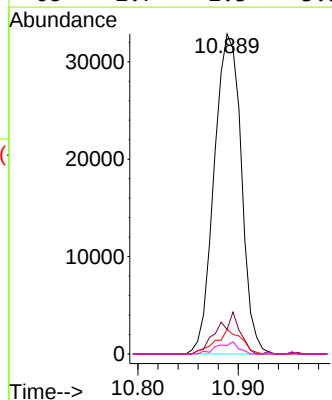
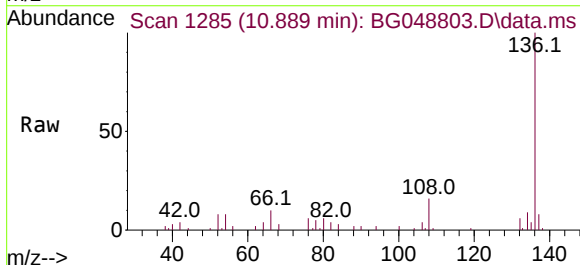
Instrument :
BNA_G
ClientSampled :
TP-4-D

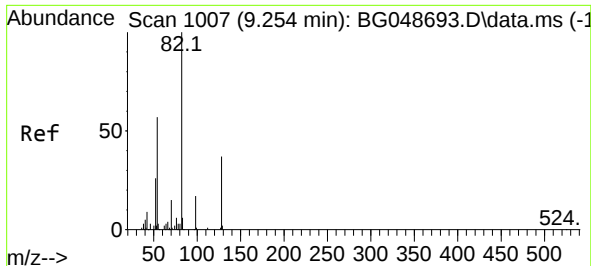
Tgt Ion:	70	Resp:	22001
Ion Ratio	Lower	Upper	
70	100		
42	52.1	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:	136	Resp:	61627
Ion Ratio	Lower	Upper	
136	100		
137	7.7	8.2	12.2#
54	7.7	5.5	8.3
68	2.7	2.3	3.5





#23

Nitrobenzene-d5

Concen: 103.67 ng

RT: 9.238 min Scan# 1004

Delta R.T. 0.002 min

Lab File: BG048803.D

Acq: 20 Apr 2021 20:52

Instrument :

BNA_G

ClientSampled :

TP-4-D

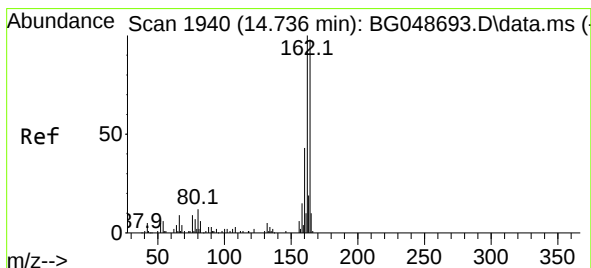
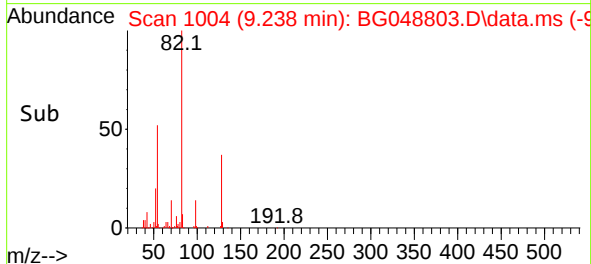
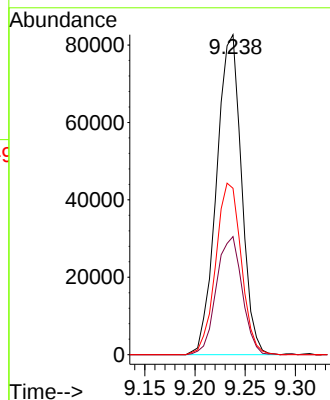
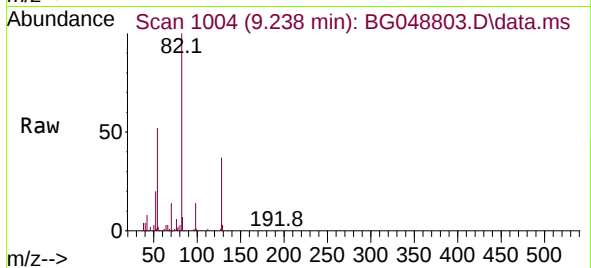
Tgt Ion: 82 Resp: 142698

Ion Ratio Lower Upper

82 100

128 36.9 29.8 44.6

54 52.0 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.720 min Scan# 1937

Delta R.T. -0.004 min

Lab File: BG048803.D

Acq: 20 Apr 2021 20:52

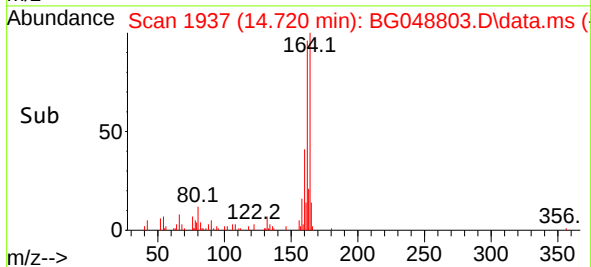
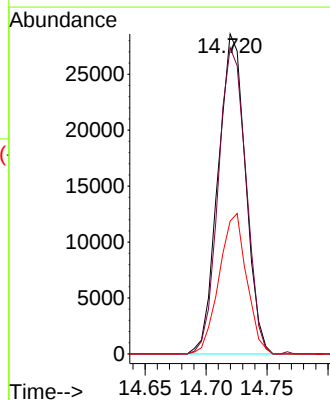
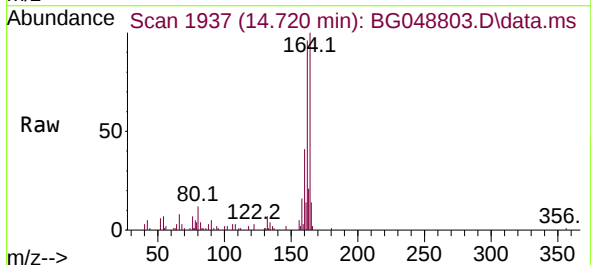
Tgt Ion:164 Resp: 44787

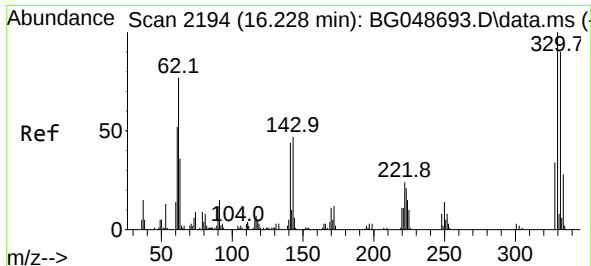
Ion Ratio Lower Upper

164 100

162 95.7 81.4 122.0

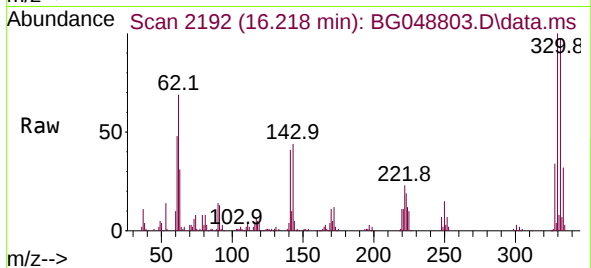
160 41.5 34.9 52.3



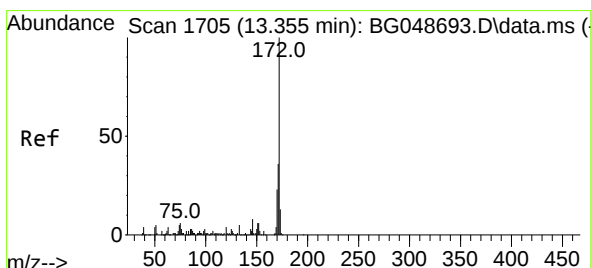
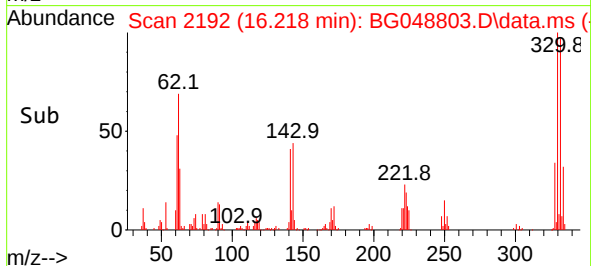
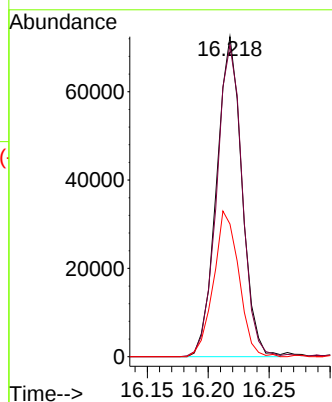


#42
2,4,6-Tribromophenol
Concen: 174.57 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Instrument :
BNA_G
ClientSampleId :
TP-4-D

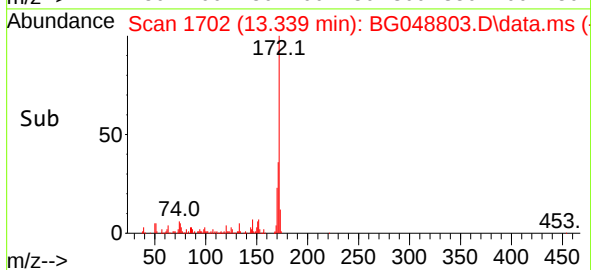
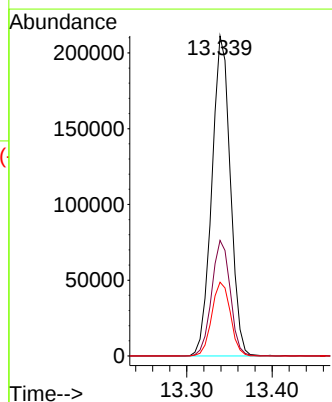
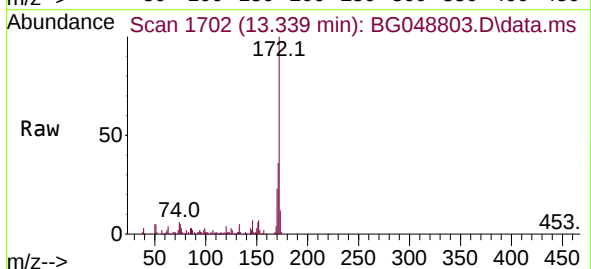


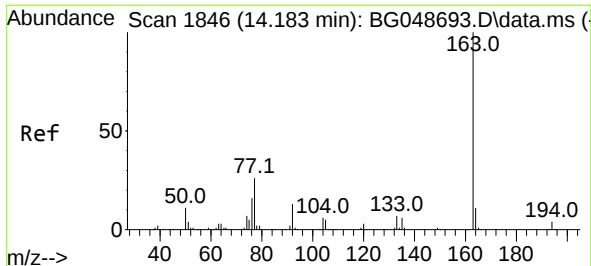
Tgt Ion:330 Resp: 104832
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 45.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 102.73 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:172 Resp: 318614
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.0 18.6 27.8

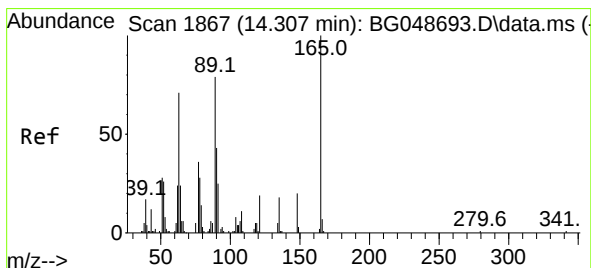
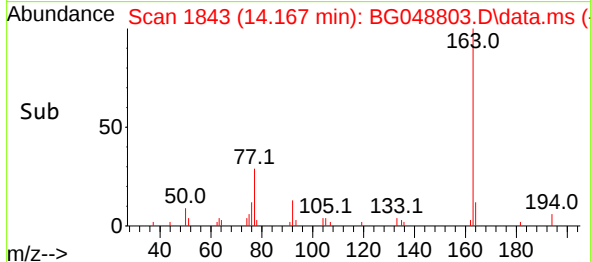
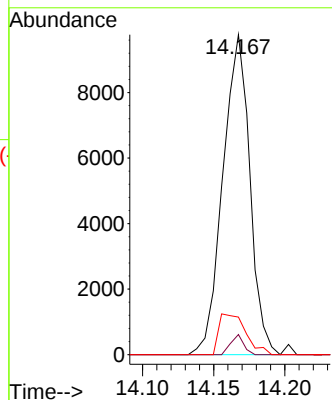
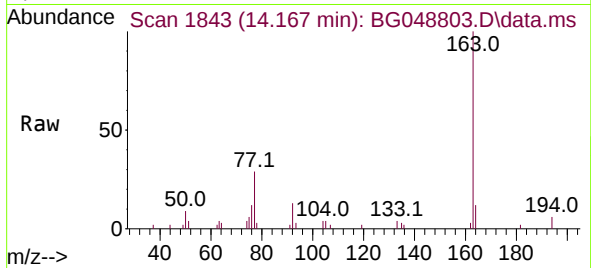




#50
Dimethylphthalate
Concen: 3.84 ng
RT: 14.167 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

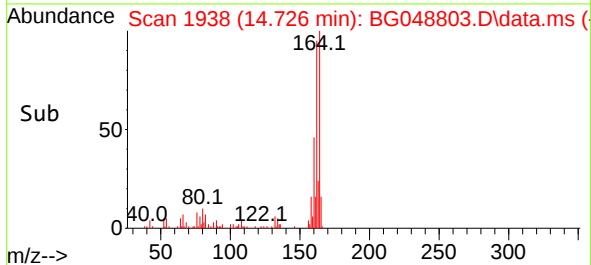
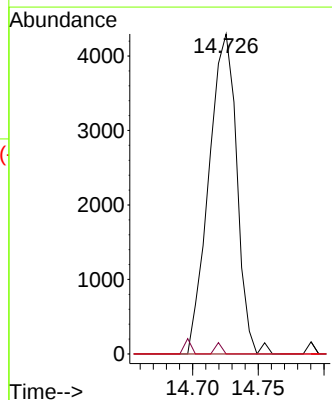
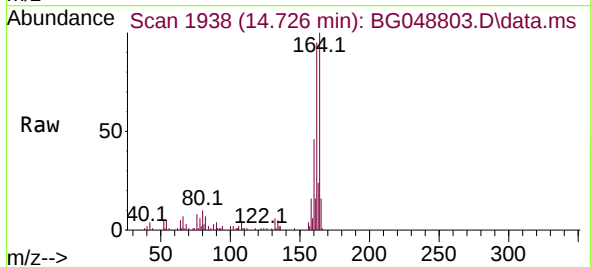
Instrument :
BNA_G
ClientSampled :
TP-4-D

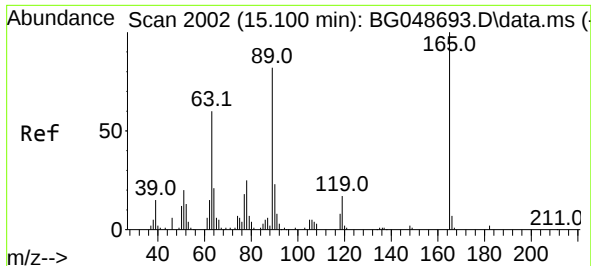
Tgt Ion:163 Resp: 12896
Ion Ratio Lower Upper
163 100
194 6.3 3.0 4.6#
164 11.7 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 14.726 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:165 Resp: 6366
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

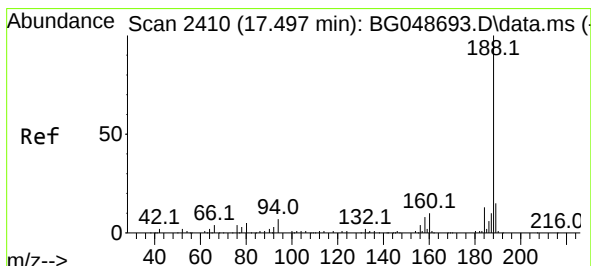
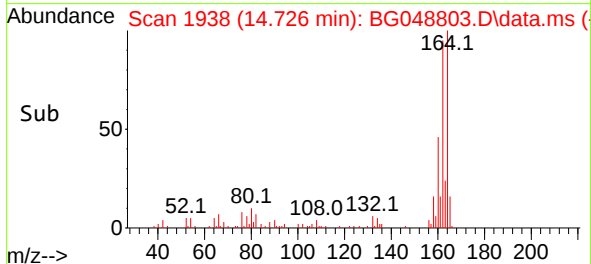
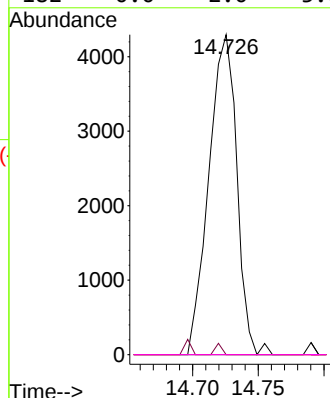
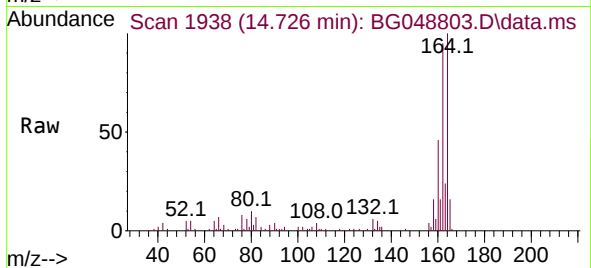




#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 14.726 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

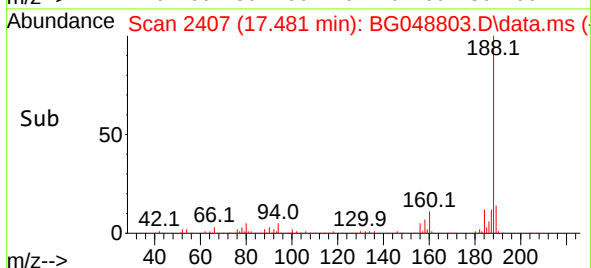
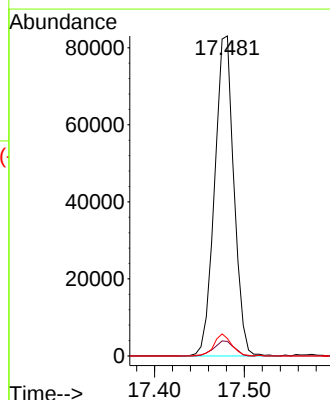
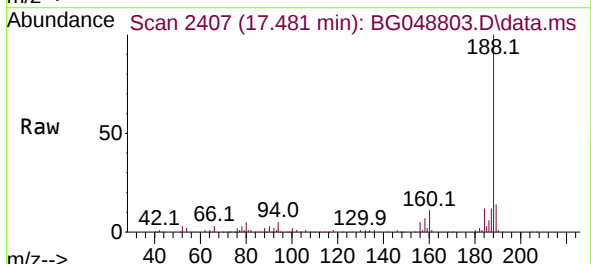
Instrument :
BNA_G
ClientSampled :
TP-4-D

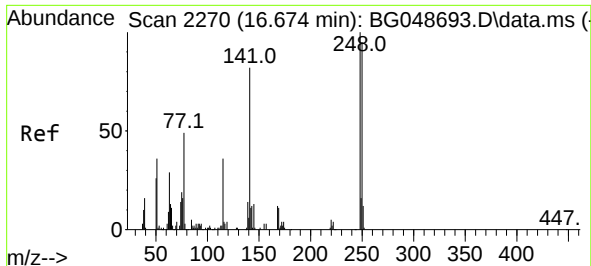
Tgt Ion:165 Resp: 6366
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:188 Resp: 123592
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.4 3.7 5.5

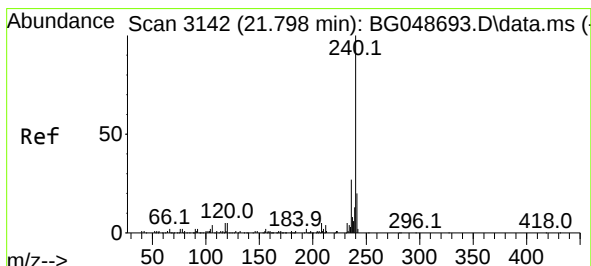
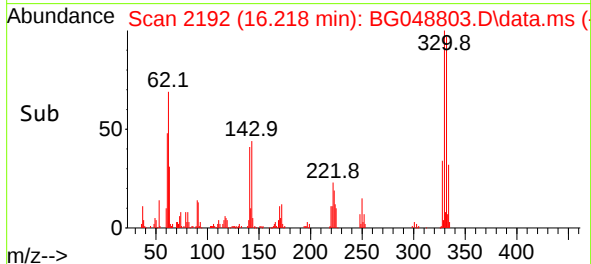
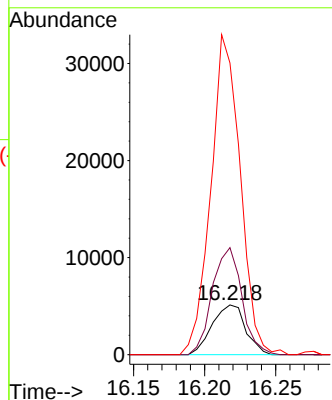
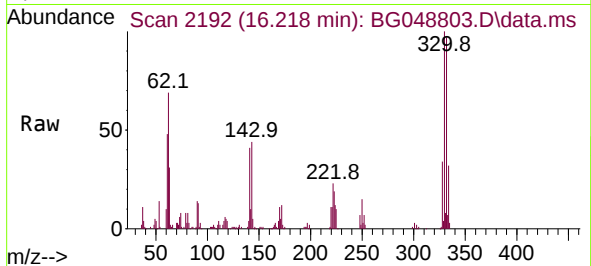




#67
4-Bromophenyl-phenylether
Concen: 5.89 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.445 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

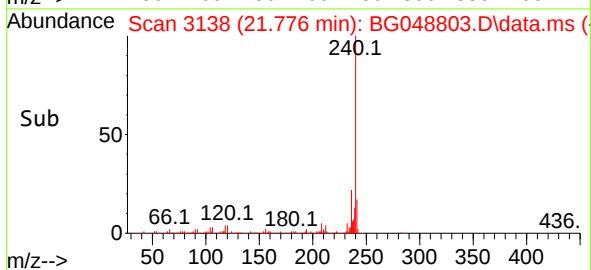
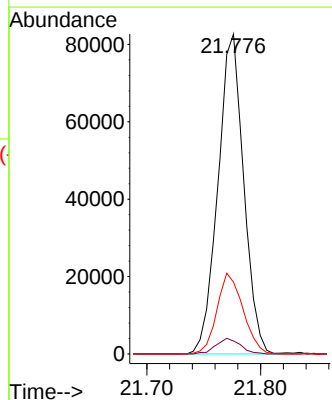
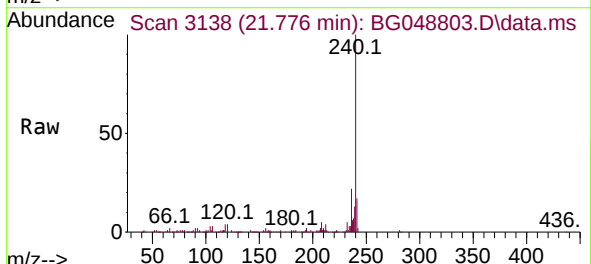
Instrument :
BNA_G
ClientSampleId :
TP-4-D

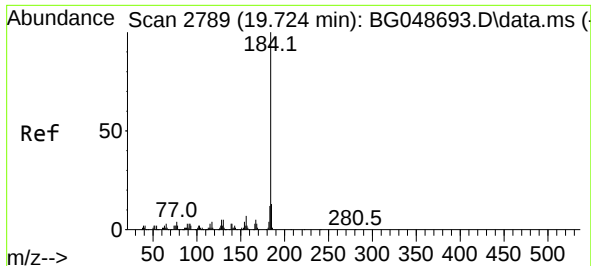
Tgt Ion:248 Resp: 8377
Ion Ratio Lower Upper
248 100
250 215.4 76.1 114.1#
141 587.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:240 Resp: 129971
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 22.5 21.8 32.6

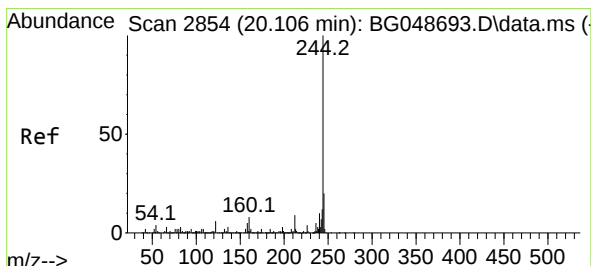
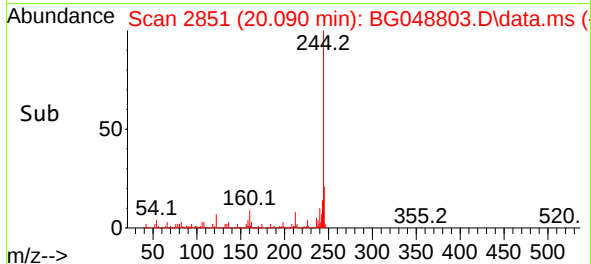
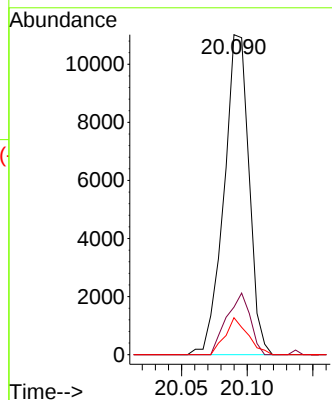
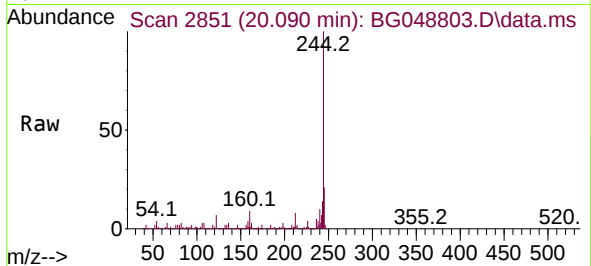




#77
Benzidine
Concen: 4.13 ng
RT: 20.090 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

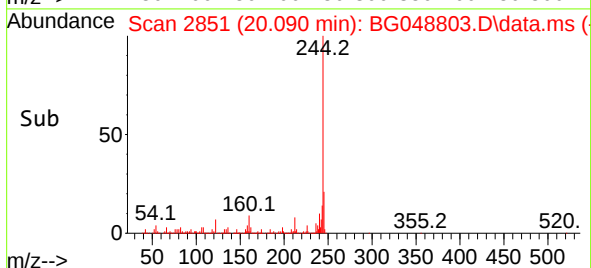
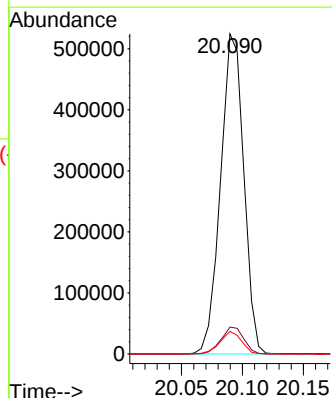
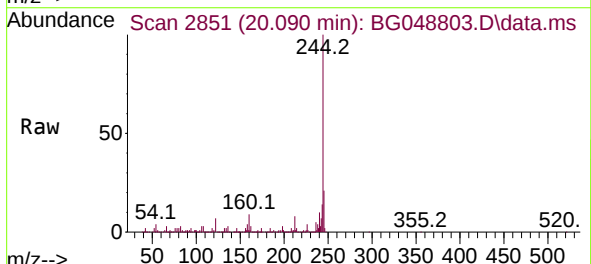
Instrument :
BNA_G
ClientSampled :
TP-4-D

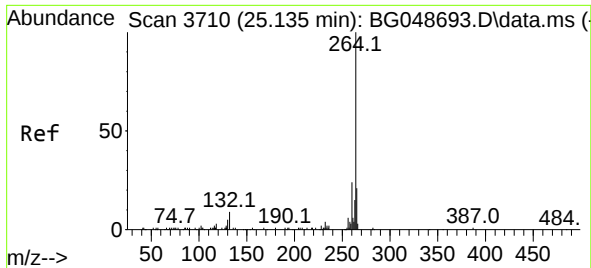
Tgt Ion:184 Resp: 14580
Ion Ratio Lower Upper
184 100
185 14.8 10.7 16.1
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 91.90 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

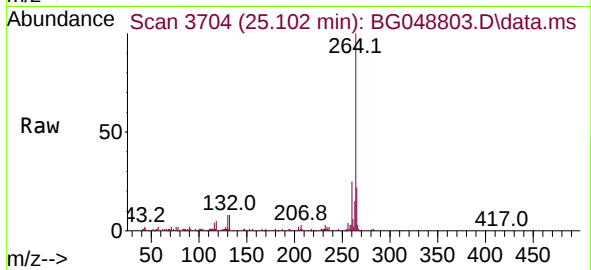
Tgt Ion:244 Resp: 694008
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 7.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.102 min Scan# 3704
 Delta R.T. -0.010 min
 Lab File: BG048803.D
 Acq: 20 Apr 2021 20:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-D



Tgt Ion:264	Resp:	130399
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.4 29.2
265	22.3	16.9 25.3

