

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048786.D
 Acq On : 20 Apr 2021 6:25
 Operator : CG/JU
 Sample : M2075-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-D

Quant Time: Apr 20 07:28:44 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)

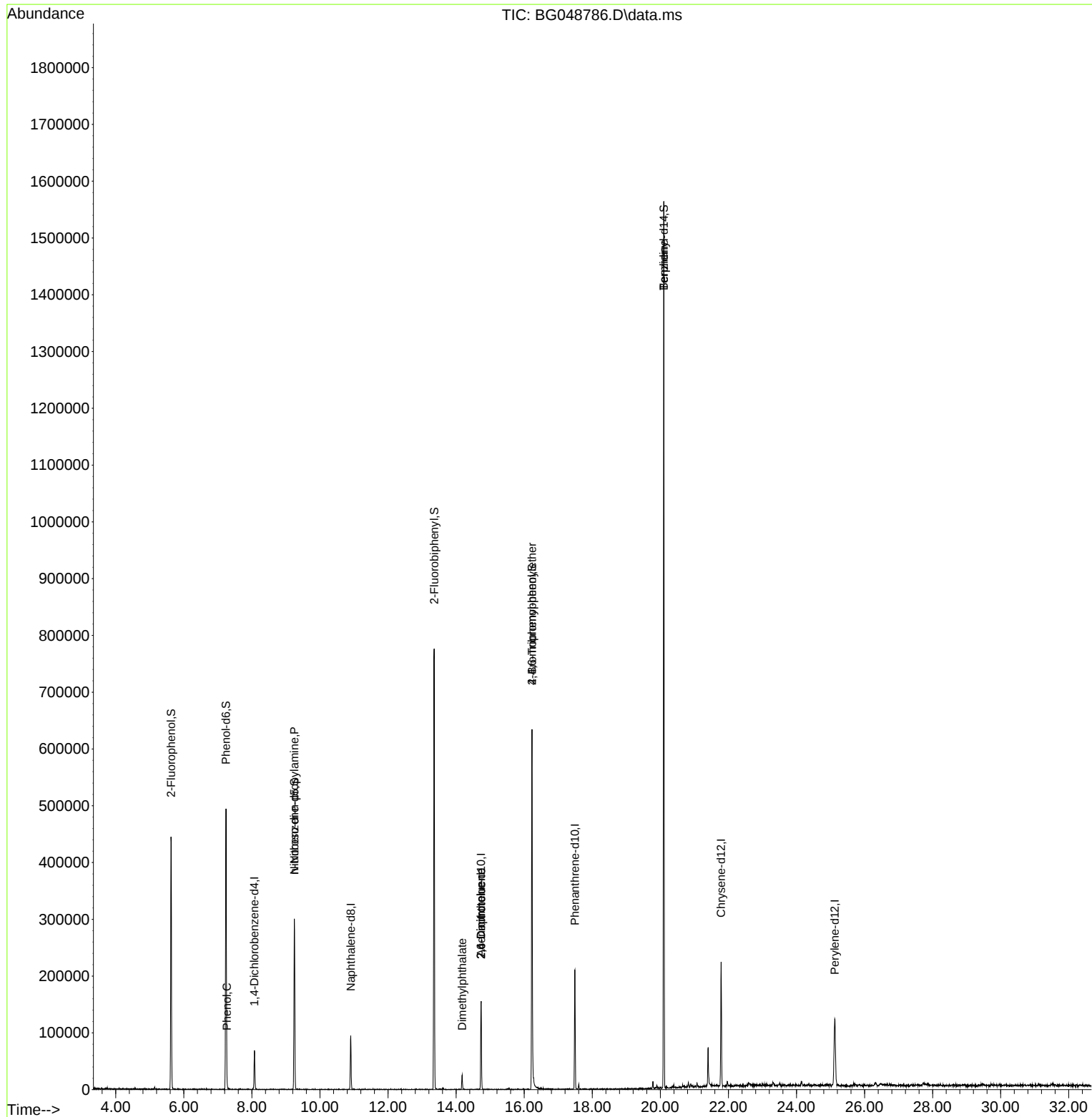
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	16774	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	71110	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	55002	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	133198	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	128315	20.00	ng	#-0.01
86) Perylene-d12	25.124	264	128601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	169854	169.36	ng	0.00
7) Phenol-d6	7.239	99	228756	161.25	ng	0.00
23) Nitrobenzene-d5	9.248	82	170029	107.05	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	112672	152.78	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	388329	101.96	ng	0.00
79) Terphenyl-d14	20.100	244	686358	92.06	ng	0.00
Target Compounds						
10) Phenol	7.268	94	5399	3.87	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	9.248	70	27864	29.11	ng	# 69
50) Dimethylphthalate	14.178	163	15250	3.70	ng	# 96
51) 2,6-Dinitrotoluene	14.730	165	7509	7.89	ng	# 12
57) 2,4-Dinitrotoluene	14.730	165	7509	5.43	ng	# 18
67) 4-Bromophenyl-phenylether	16.228	248	7970	5.20	ng	# 1
77) Benzydine	20.100	184	14759	4.24	ng	# 92

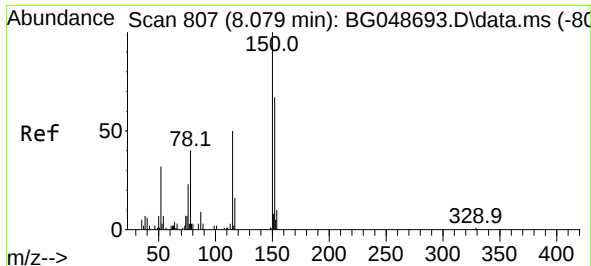
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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TP-4-D

Quant Time: Apr 20 07:28:44 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

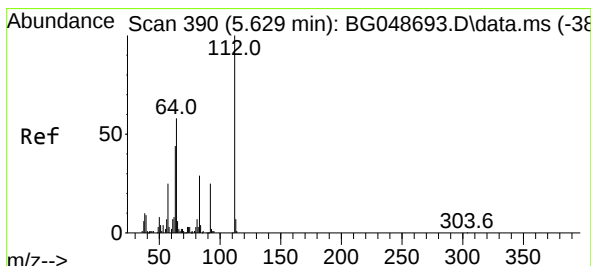
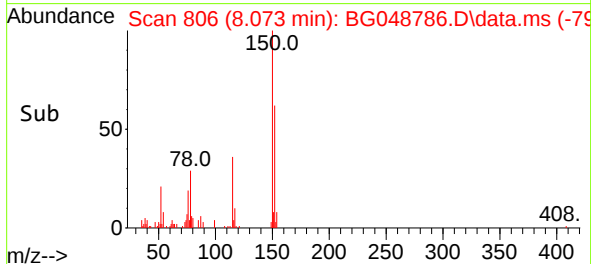
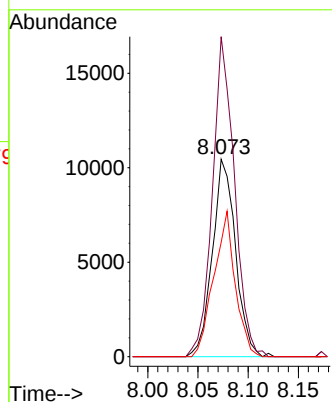
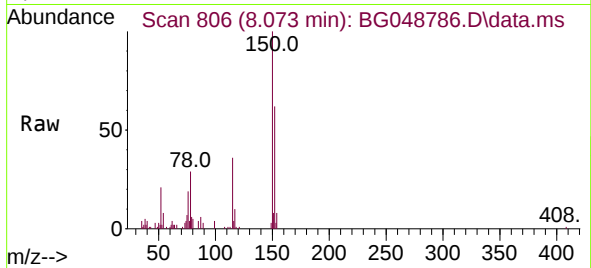




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

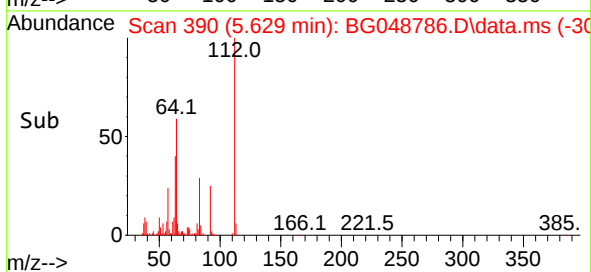
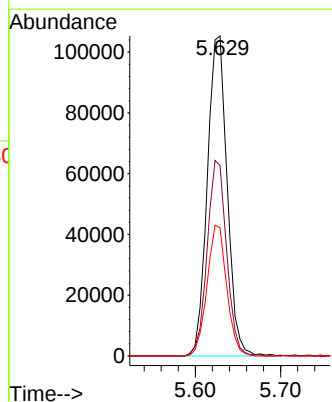
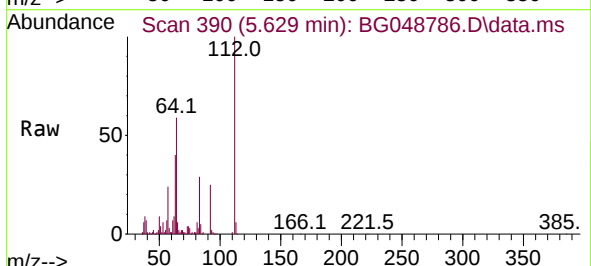
Instrument :
BNA_G
ClientSampleId :
TP-4-D

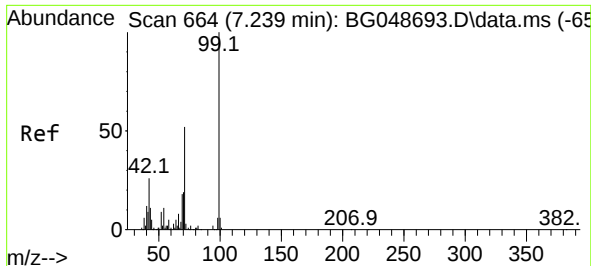
Tgt Ion:152 Resp: 16774
Ion Ratio Lower Upper
152 100
150 162.0 119.4 179.0
115 57.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 169.36 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:112 Resp: 169854
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 40.1 35.3 52.9

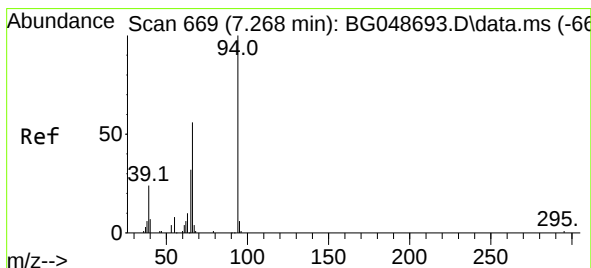
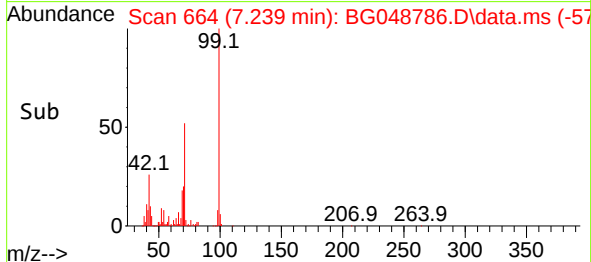
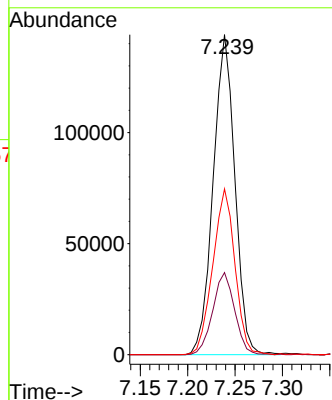
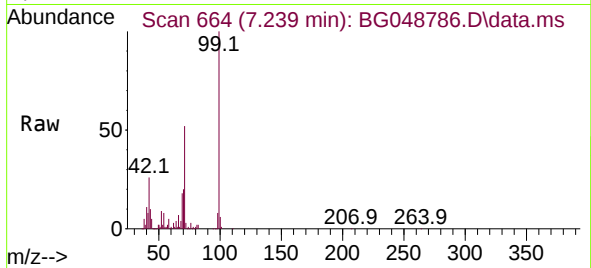




#7
Phenol-d6
Concen: 161.25 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

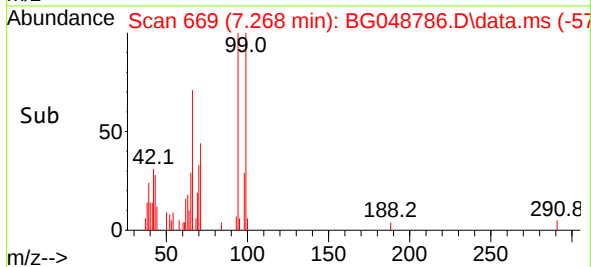
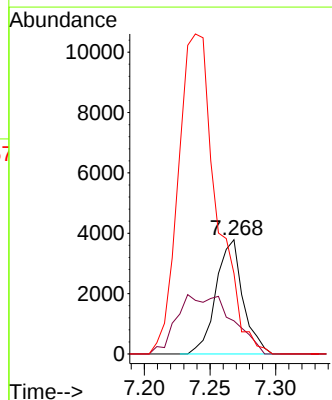
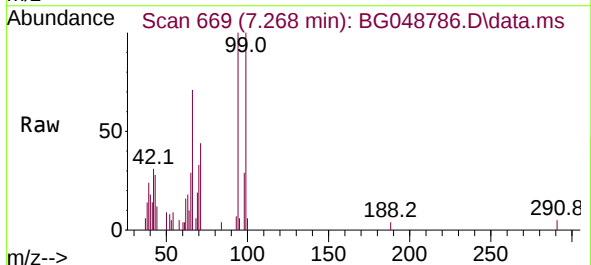
Instrument :
BNA_G
ClientSampleId :
TP-4-D

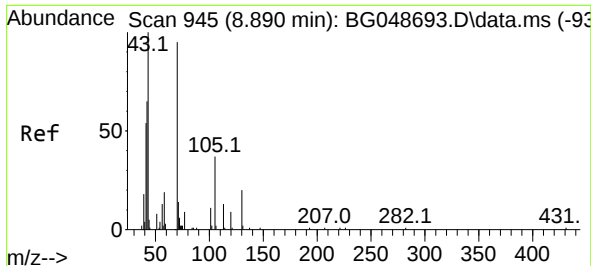
Tgt Ion: 99 Resp: 228756
Ion Ratio Lower Upper
99 100
42 25.7 20.5 30.7
71 51.8 41.5 62.3



#10
Phenol
Concen: 3.87 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

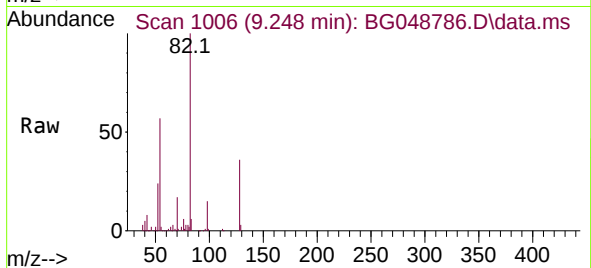
Tgt Ion: 94 Resp: 5399
Ion Ratio Lower Upper
94 100
65 29.0 12.9 52.9
66 70.6 39.4 79.4



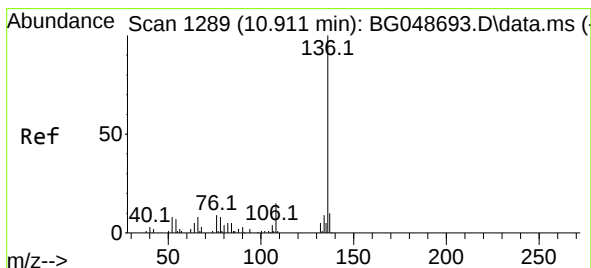
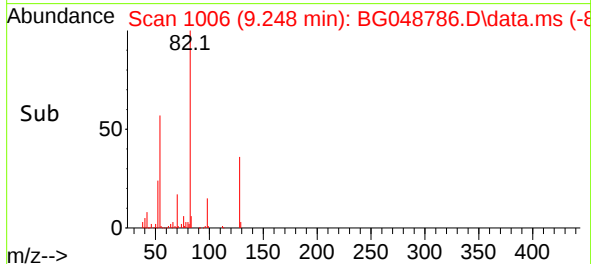
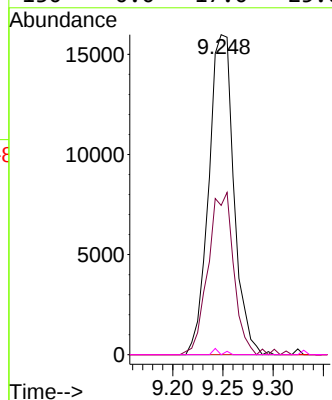


#19
n-Nitroso-di-n-propylamine
Concen: 29.11 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Instrument :
BNA_G
ClientSampled :
TP-4-D

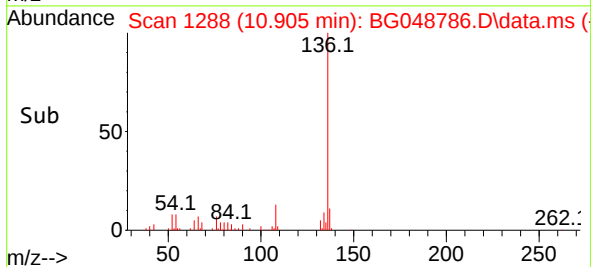
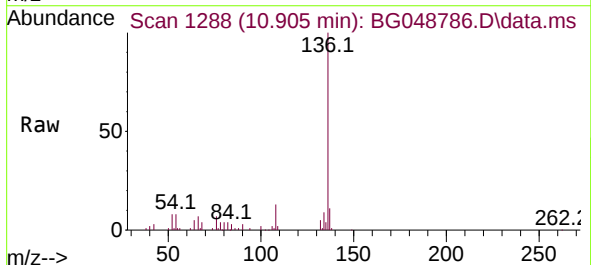
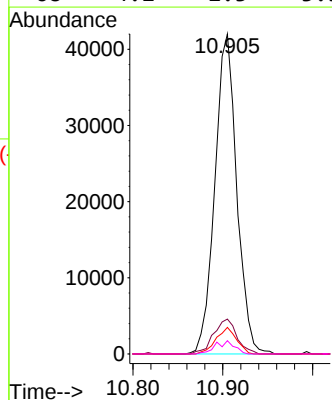


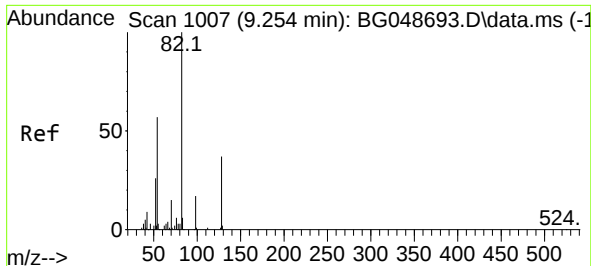
Tgt Ion: 70 Resp: 27864
Ion Ratio Lower Upper
70 100
42 46.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion: 136 Resp: 71110
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 8.3 5.5 8.3#
68 4.2 2.3 3.5#

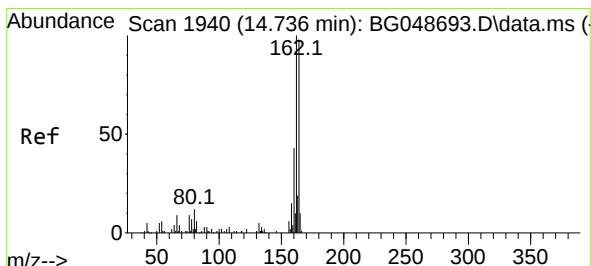
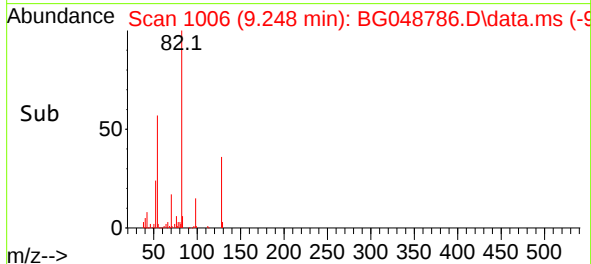
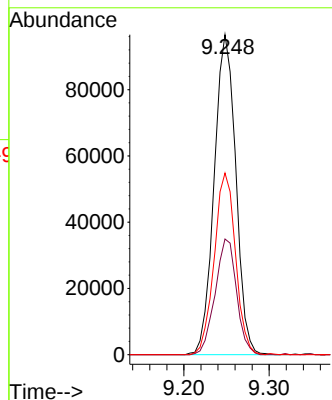
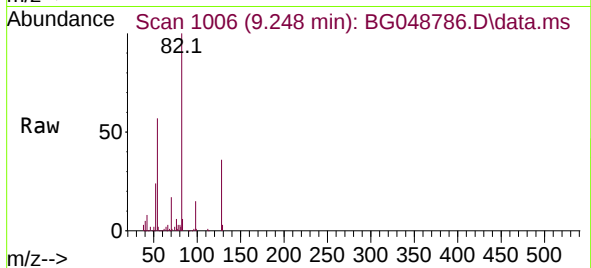




#23
Nitrobenzene-d5
Concen: 107.05 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

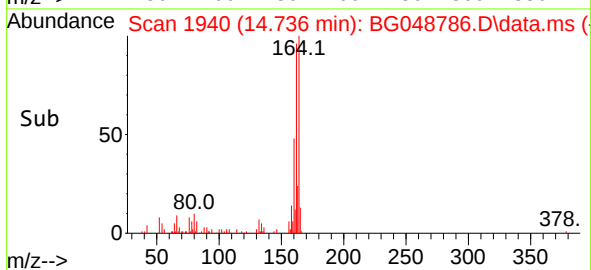
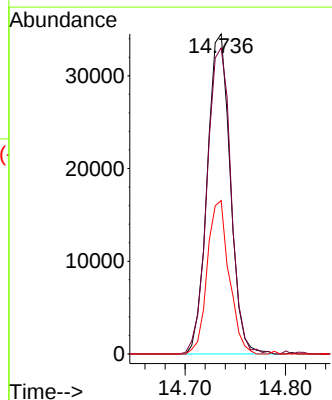
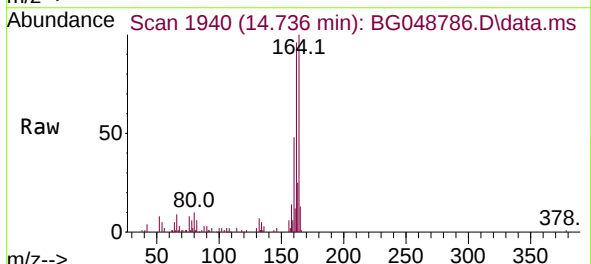
Instrument :
BNA_G
ClientSampleId :
TP-4-D

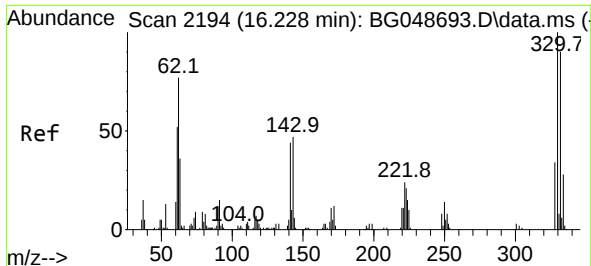
Tgt Ion: 82 Resp: 170029
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 56.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:164 Resp: 55002
Ion Ratio Lower Upper
164 100
162 95.7 81.4 122.0
160 47.9 34.9 52.3

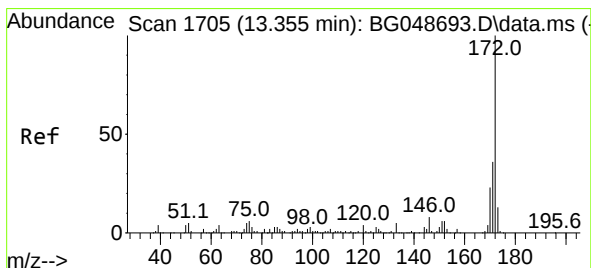
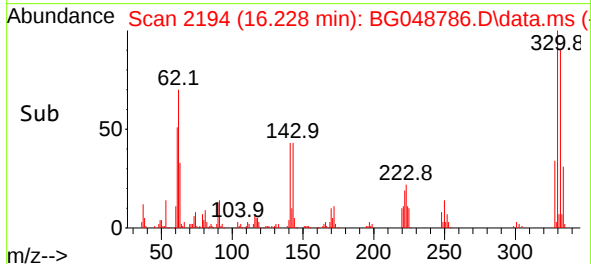
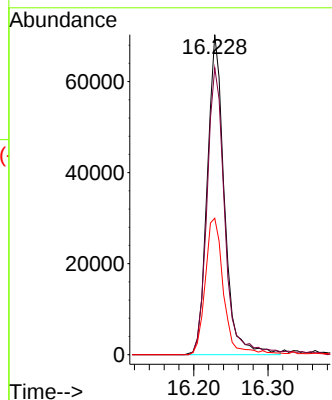
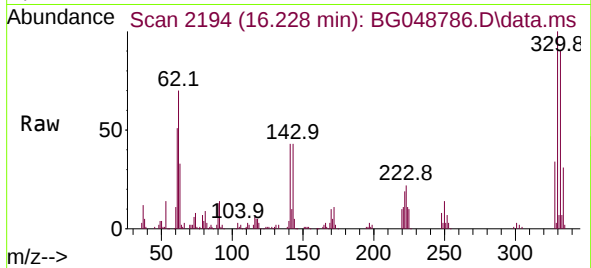




#42
2,4,6-Tribromophenol
Concen: 152.78 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

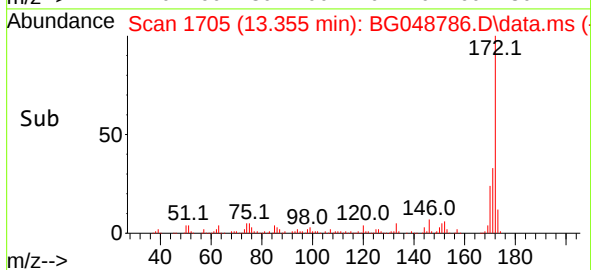
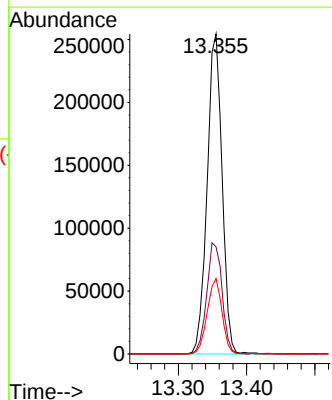
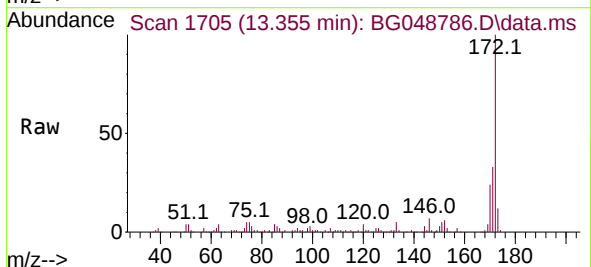
Instrument :
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ClientSampleId :
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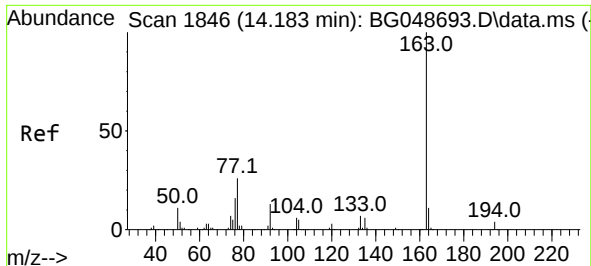
Tgt Ion:330 Resp: 112672
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 45.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 101.96 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:172 Resp: 388329
Ion Ratio Lower Upper
172 100
171 33.4 28.6 43.0
170 23.6 18.6 27.8

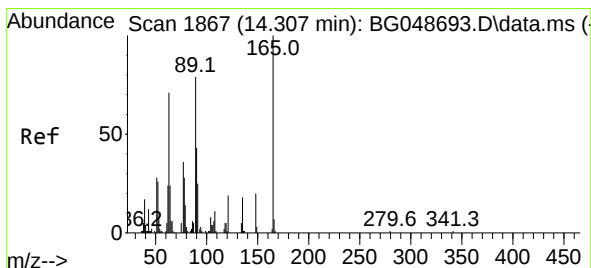
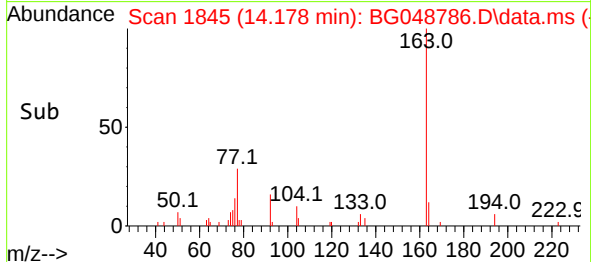
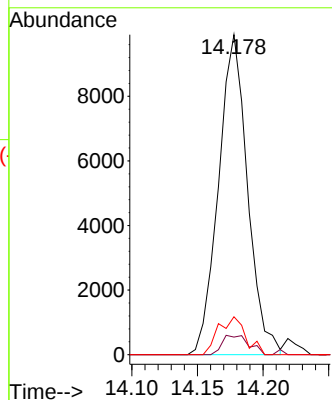
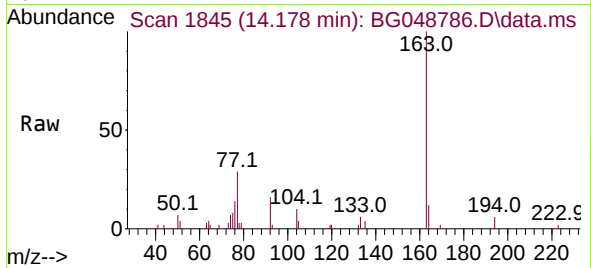




#50
Dimethylphthalate
Concen: 3.70 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

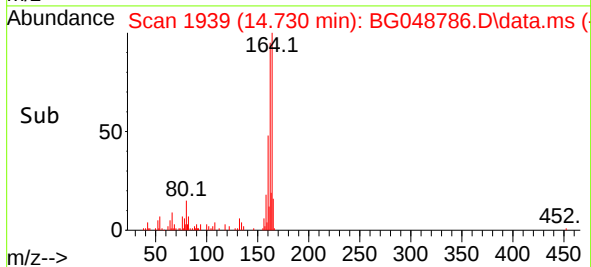
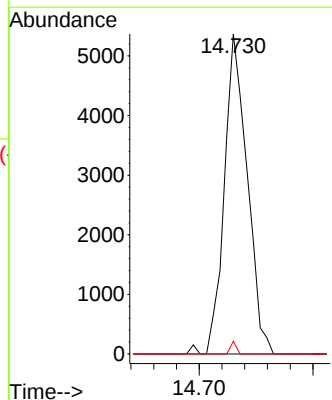
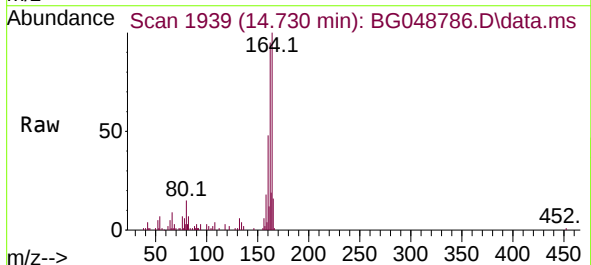
Instrument :
BNA_G
ClientSampleId :
TP-4-D

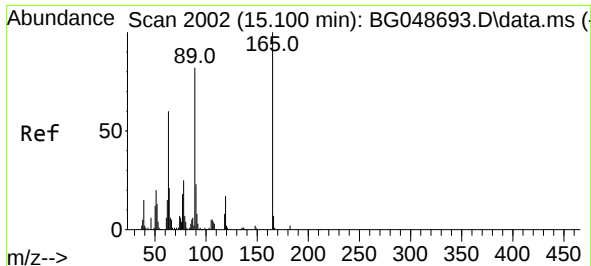
Tgt Ion:163 Resp: 15250
Ion Ratio Lower Upper
163 100
194 5.5 3.0 4.6#
164 11.9 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:165 Resp: 7509
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#

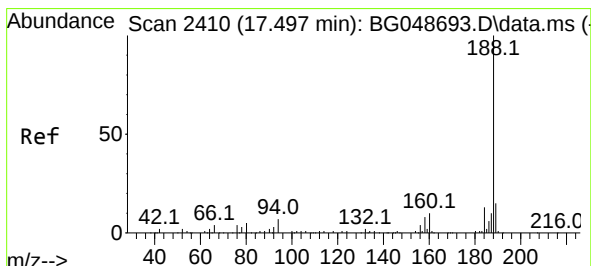
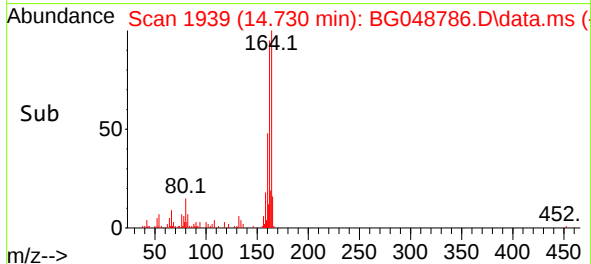
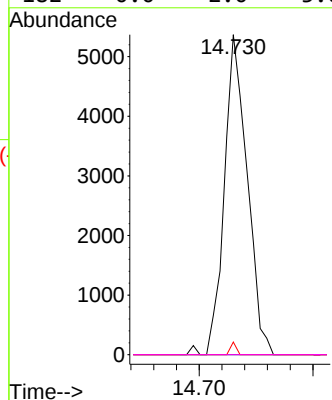
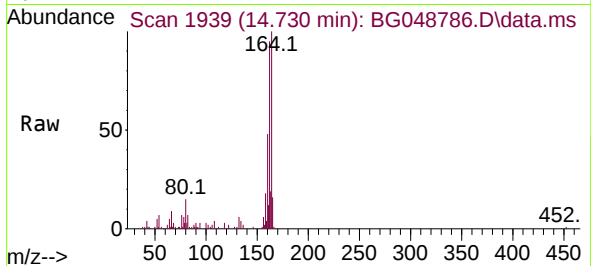




#57
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

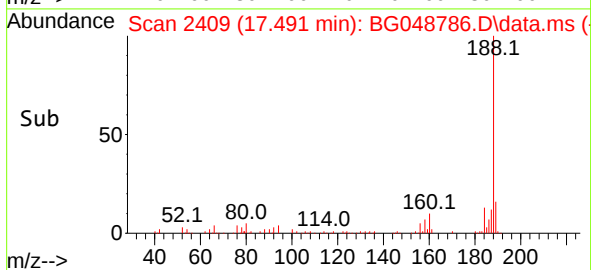
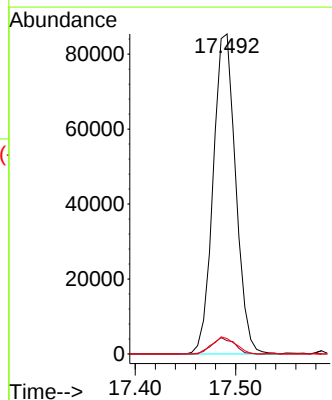
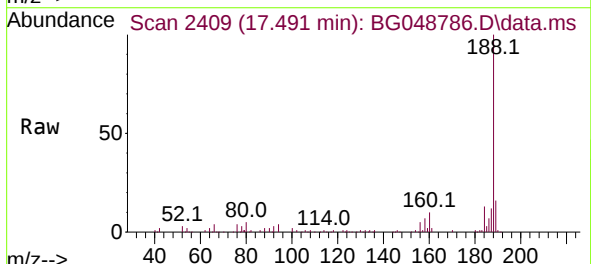
Instrument :
BNA_G
ClientSampled :
TP-4-D

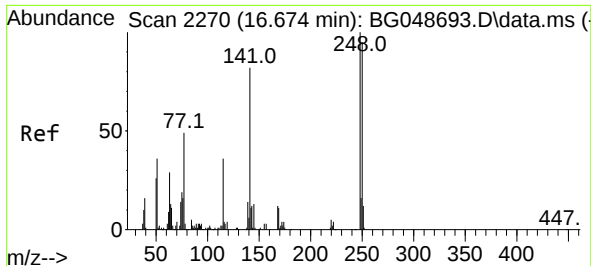
Tgt Ion:165	Resp:	7509
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	3.9	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:188	Resp:	133198
Ion Ratio	Lower	Upper
188	100	
94	4.2	5.4 8.0#
80	4.8	3.7 5.5

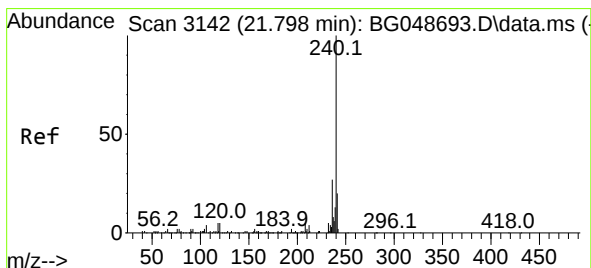
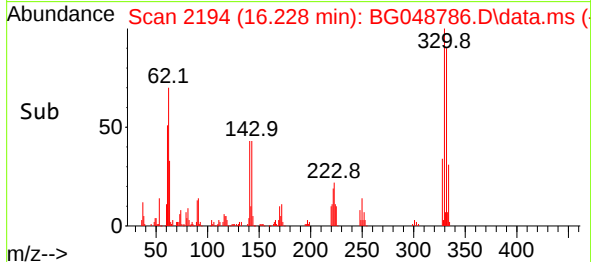
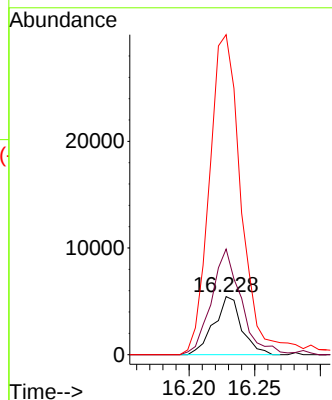
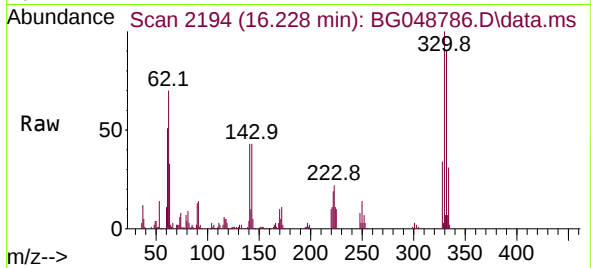




#67
4-Bromophenyl-phenylether
Concen: 5.20 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

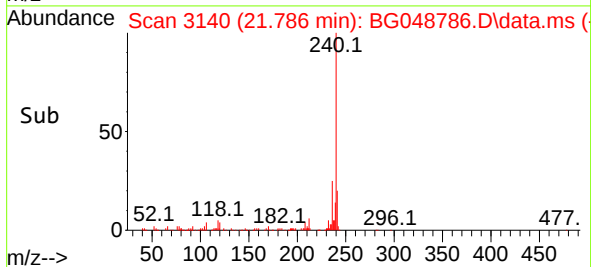
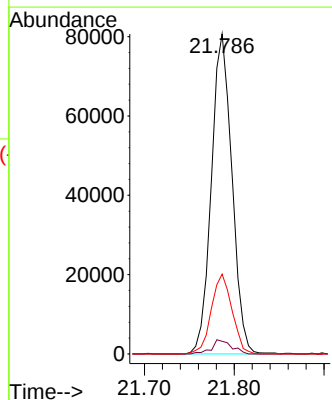
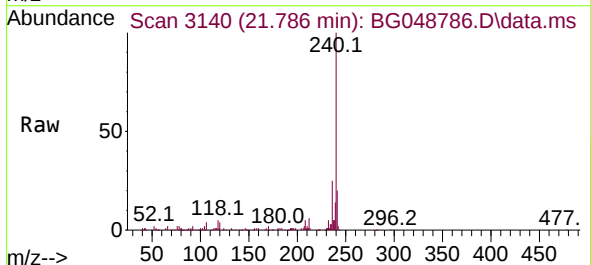
Instrument :
BNA_G
ClientSampled :
TP-4-D

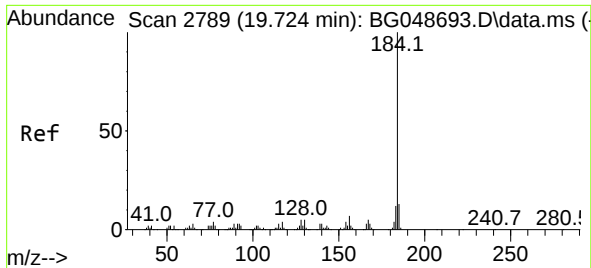
Tgt Ion:248 Resp: 7970
Ion Ratio Lower Upper
248 100
250 181.8 76.1 114.1#
141 550.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Tgt Ion:240 Resp: 128315
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 24.9 21.8 32.6

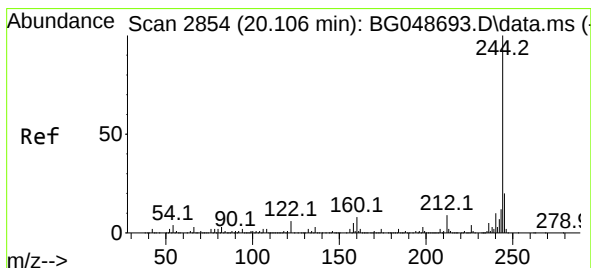
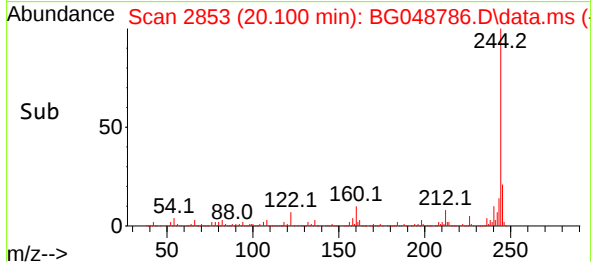
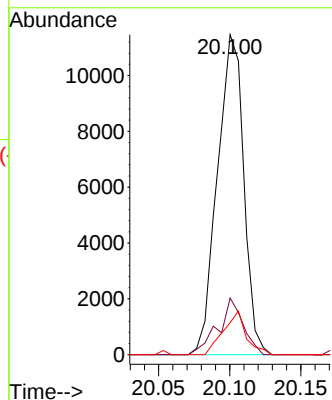
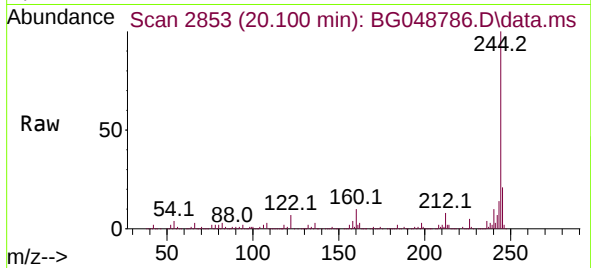




#77
Benzidine
Concen: 4.24 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

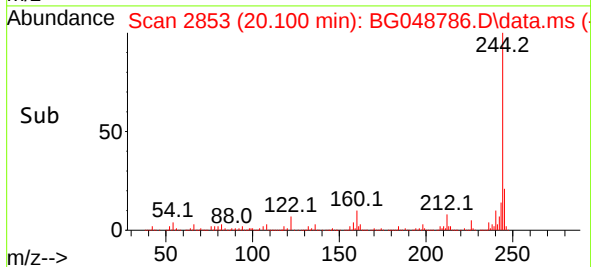
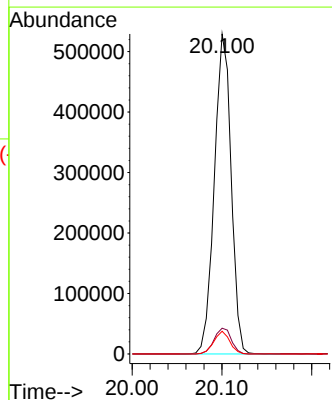
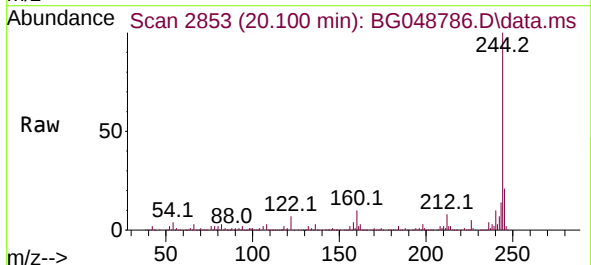
Instrument :
BNA_G
ClientSampled :
TP-4-D

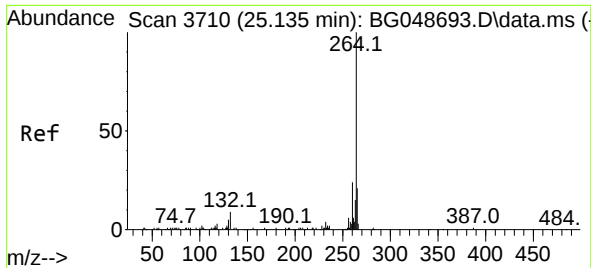
Tgt Ion:184 Resp: 14759
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 10.0 9.4 14.0



#79
Terphenyl-d14
Concen: 92.06 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

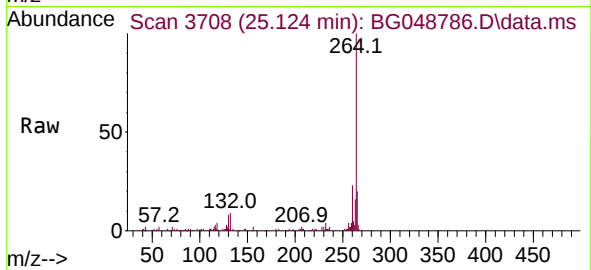
Tgt Ion:244 Resp: 686358
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.1 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3708
Delta R.T. -0.019 min
Lab File: BG048786.D
Acq: 20 Apr 2021 6:25

Instrument :
BNA_G
ClientSampled :
TP-4-D



Tgt Ion:264	Resp:	128601
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.4 29.2
265	19.6	16.9 25.3

