

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048772.D
 Acq On : 19 Apr 2021 18:56
 Operator : CG/JU
 Sample : M2075-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Apr 20 05:25:25 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)

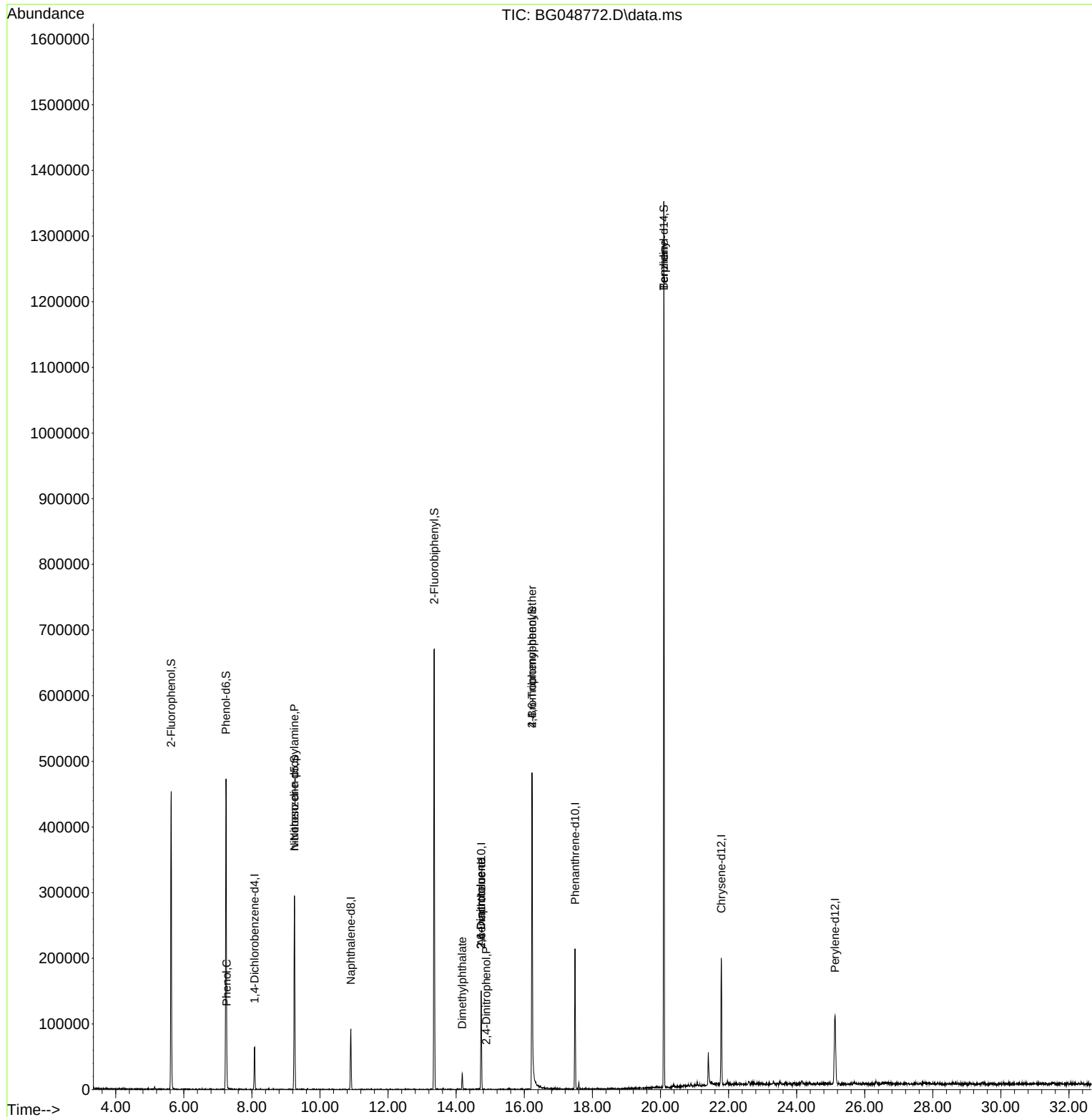
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	15660	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	71546	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	52863	20.00	ng	# 0.00
64) Phenanthrene-d10	17.492	188	130918	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	118877	20.00	ng	-0.01
86) Perylene-d12	25.124	264	118290	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	173554	185.36	ng	0.00
7) Phenol-d6	7.239	99	220120	166.20	ng	0.00
23) Nitrobenzene-d5	9.249	82	162018	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	93686	132.18	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	336151	91.83	ng	0.00
79) Terphenyl-d14	20.101	244	578949	83.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.263	94	3222	2.47	ng	# 49
19) n-Nitroso-di-n-propyla...	9.249	70	25923	29.01	ng	# 71
50) Dimethylphthalate	14.178	163	15470	3.90	ng	# 95
51) 2,6-Dinitrotoluene	14.731	165	6873	7.51	ng	# 12
54) 2,4-Dinitrophenol	14.883	184	128	5.50	ng	# 8
57) 2,4-Dinitrotoluene	14.731	165	6873	5.17	ng	# 18
67) 4-Bromophenyl-phenylether	16.229	248	6626	4.40	ng	# 1
77) Benzidine	20.101	184	11716	3.63	ng	# 95

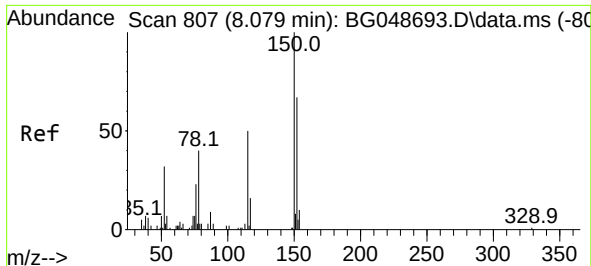
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-2-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

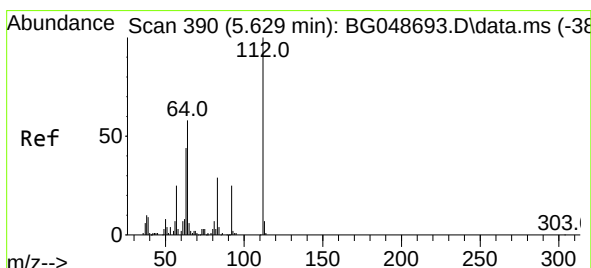
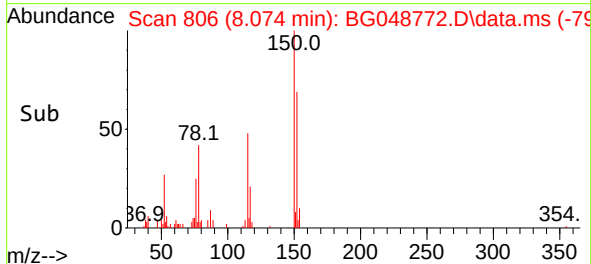
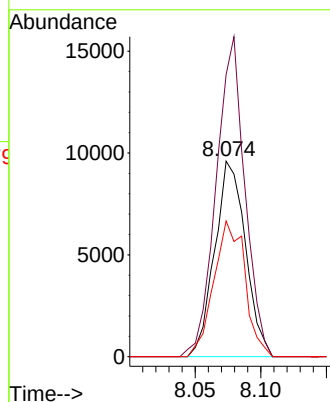
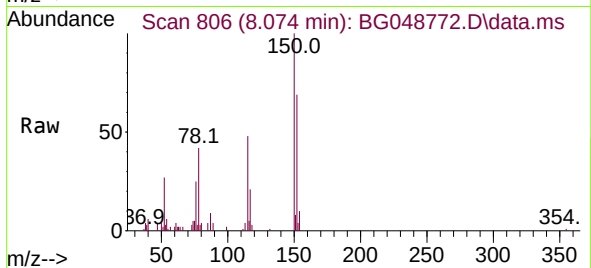




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.074 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

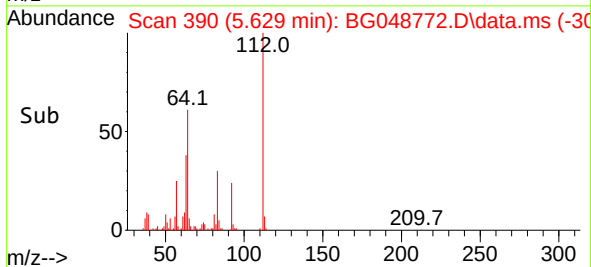
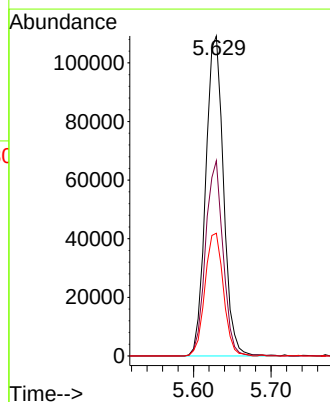
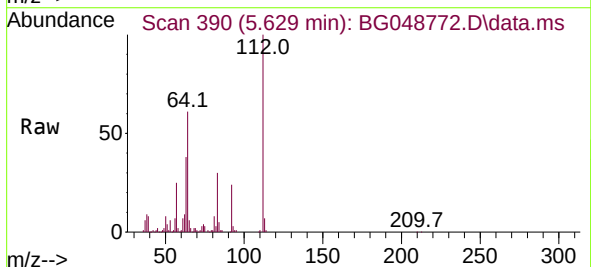
Instrument :
BNA_G
ClientSampleId :
TP-2-S

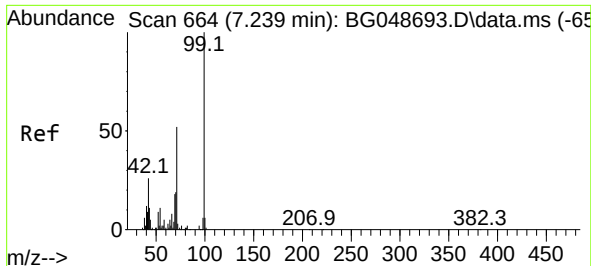
Tgt Ion:152 Resp: 15660
Ion Ratio Lower Upper
152 100
150 144.2 119.4 179.0
115 69.4 60.2 90.4



#5
2-Fluorophenol
Concen: 185.36 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:112 Resp: 173554
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 38.3 35.3 52.9

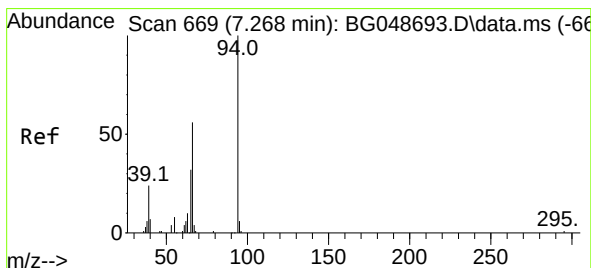
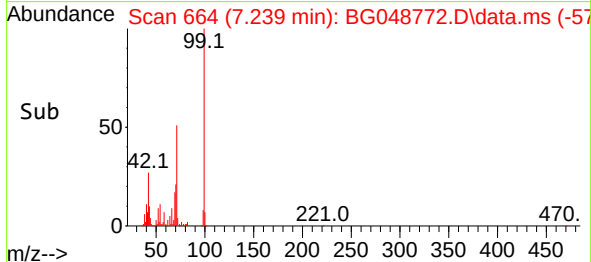
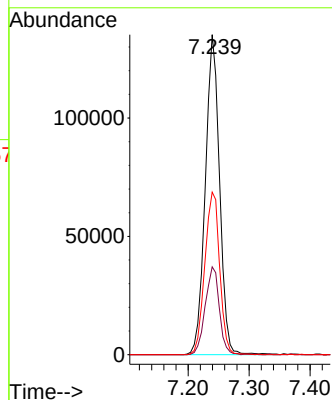
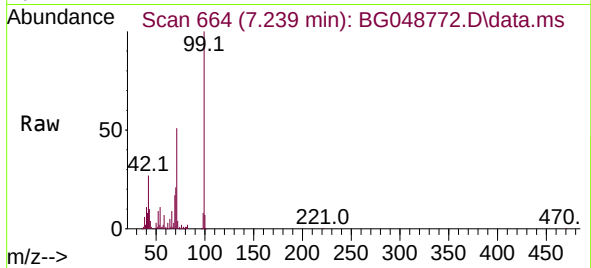




#7
Phenol-d6
Concen: 166.20 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

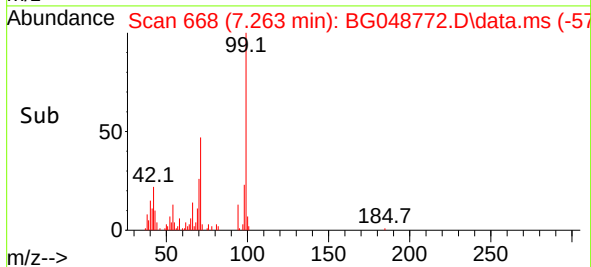
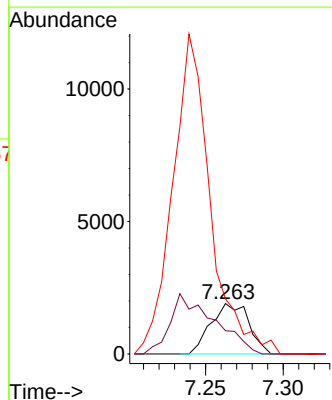
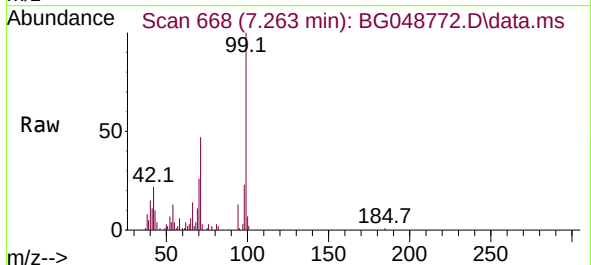
Instrument :
BNA_G
ClientSampleId :
TP-2-S

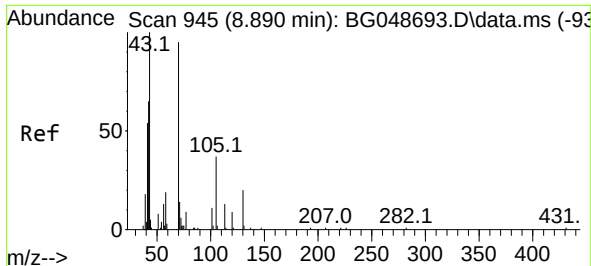
Tgt Ion: 99 Resp: 220120
Ion Ratio Lower Upper
99 100
42 27.5 20.5 30.7
71 50.8 41.5 62.3



#10
Phenol
Concen: 2.47 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion: 94 Resp: 3222
Ion Ratio Lower Upper
94 100
65 46.1 12.9 52.9
66 109.2 39.4 79.4#

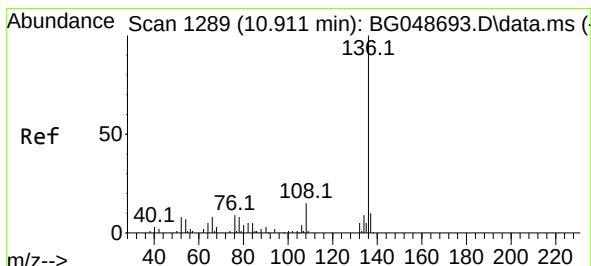
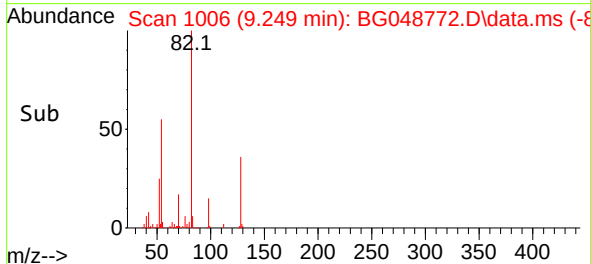
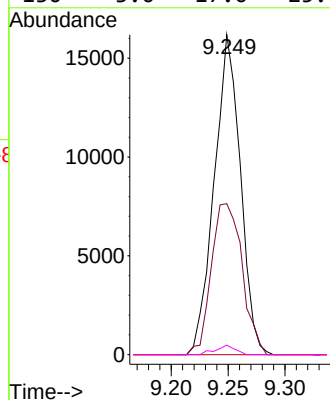
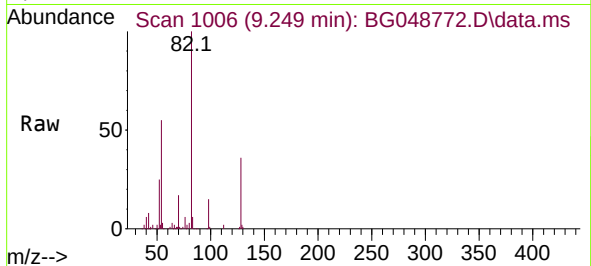




#19
n-Nitroso-di-n-propylamine
Concen: 29.01 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

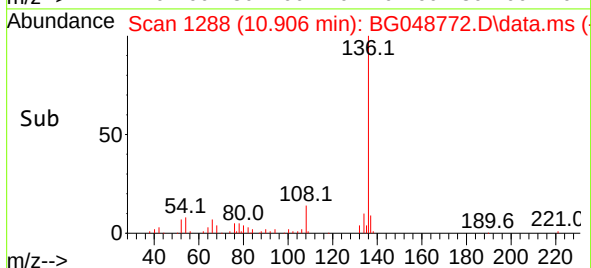
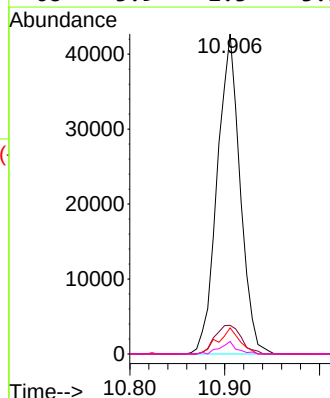
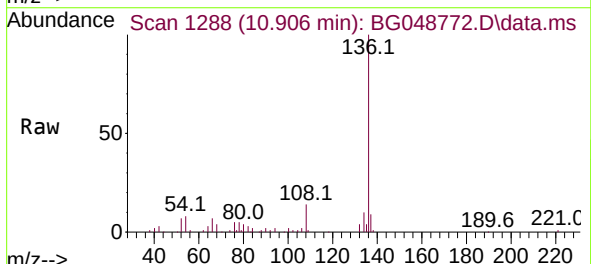
Instrument :
BNA_G
ClientSampled :
TP-2-S

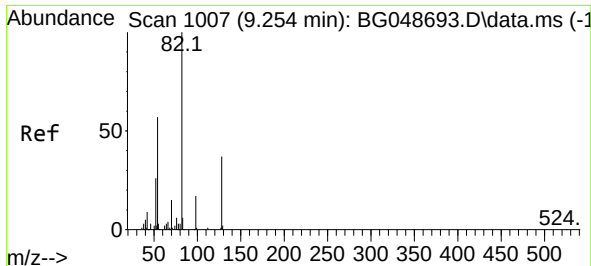
Tgt Ion: 70	Resp: 25923
Ion Ratio	Lower Upper
70 100	
42 47.2	54.5 81.7#
101 0.0	9.0 13.6#
130 3.0	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion: 136	Resp: 71546
Ion Ratio	Lower Upper
136 100	
137 9.0	8.2 12.2
54 8.2	5.5 8.3
68 3.9	2.3 3.5#

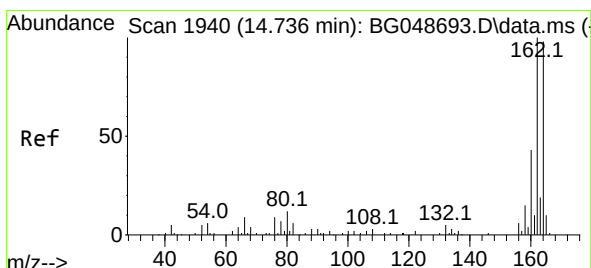
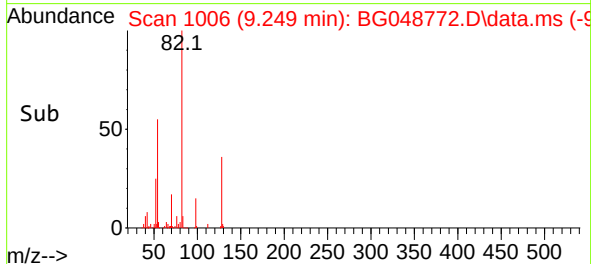
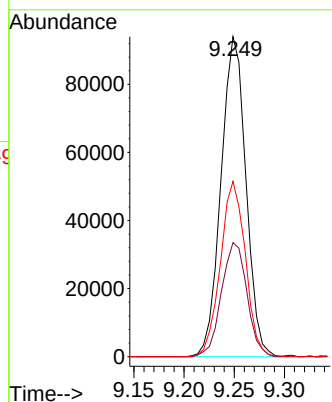
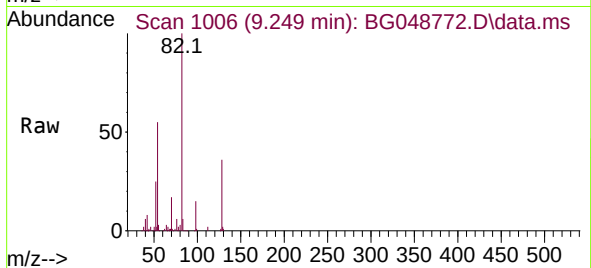




#23
Nitrobenzene-d5
Concen: 101.38 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

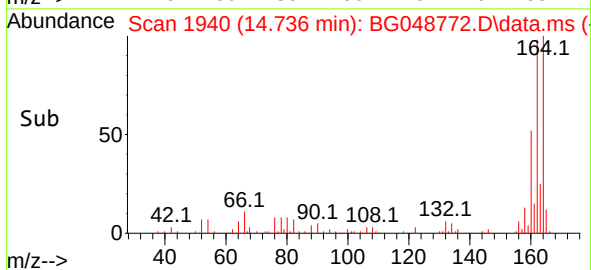
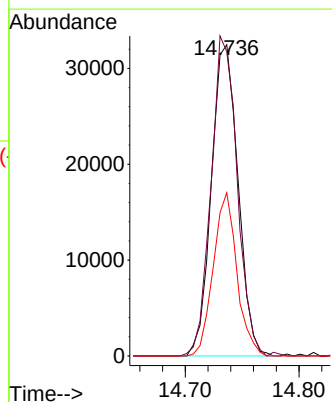
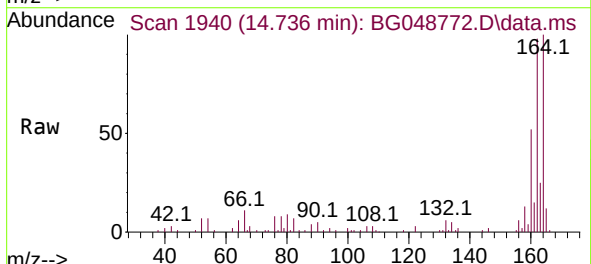
Instrument :
BNA_G
ClientSampleId :
TP-2-S

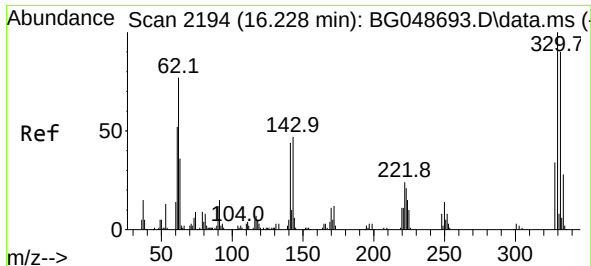
Tgt Ion: 82 Resp: 162018
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 54.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:164 Resp: 52863
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 52.5 34.9 52.3#

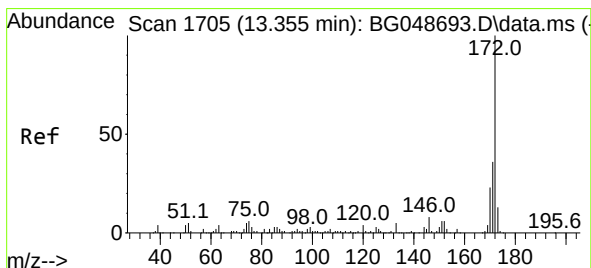
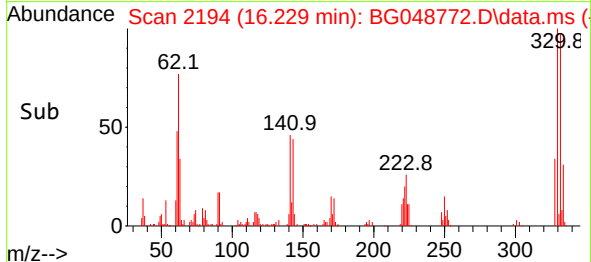
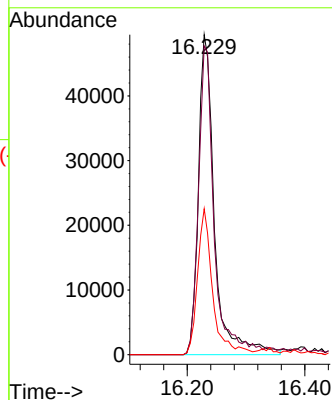
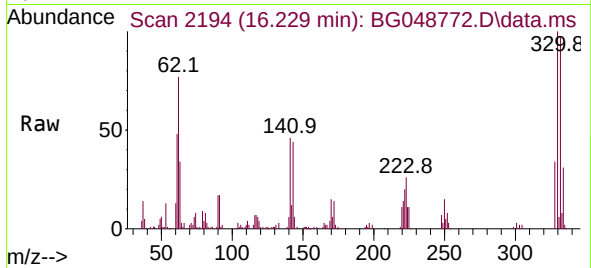




#42
2,4,6-Tribromophenol
Concen: 132.18 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

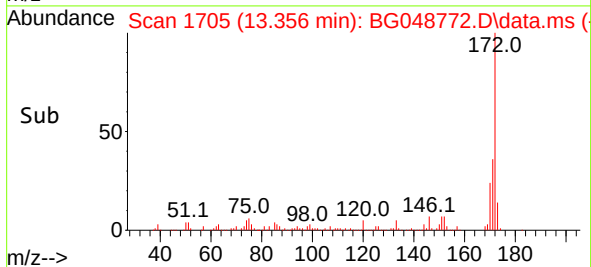
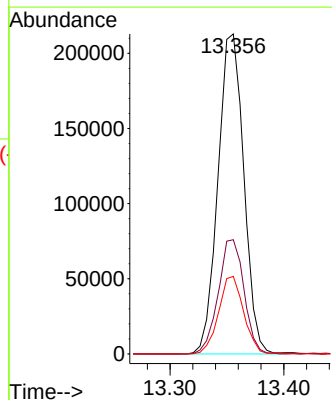
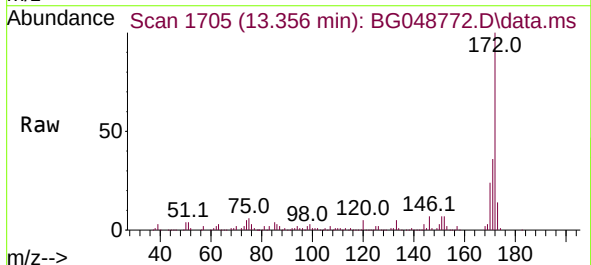
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ClientSampleId :
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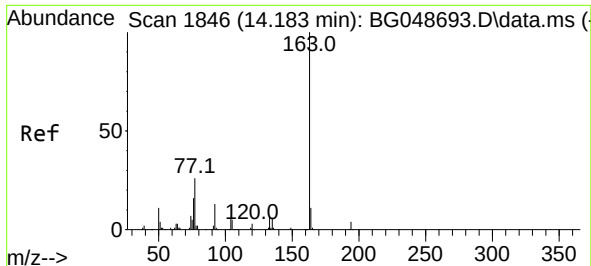
Tgt Ion:330 Resp: 93686
Ion Ratio Lower Upper
330 100
332 93.8 77.3 115.9
141 43.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 91.83 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:172 Resp: 336151
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.2 18.6 27.8

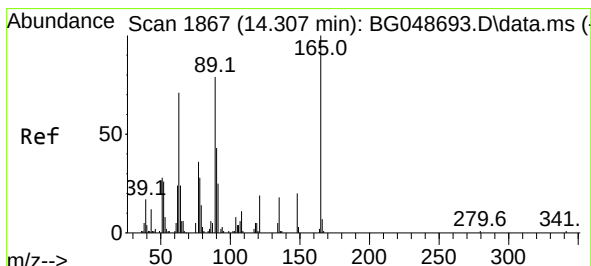
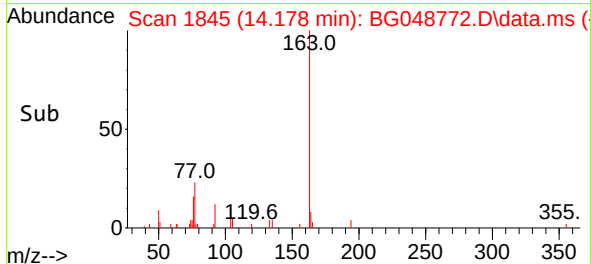
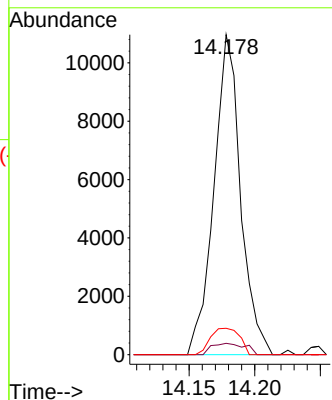
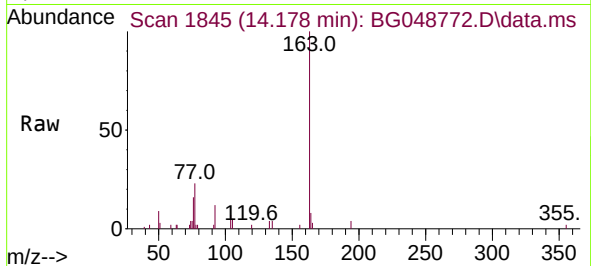




#50
Dimethylphthalate
Concen: 3.90 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

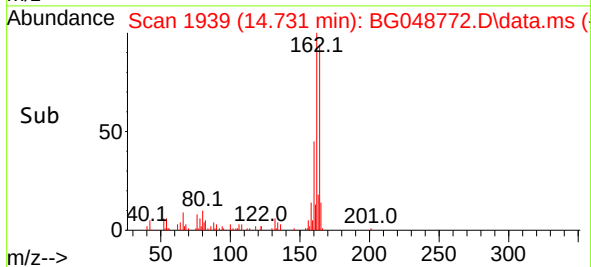
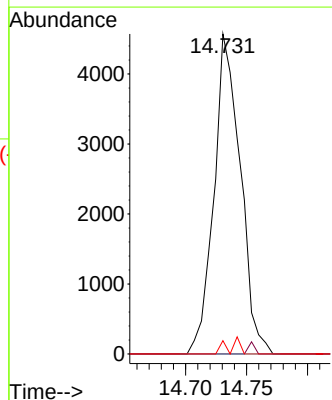
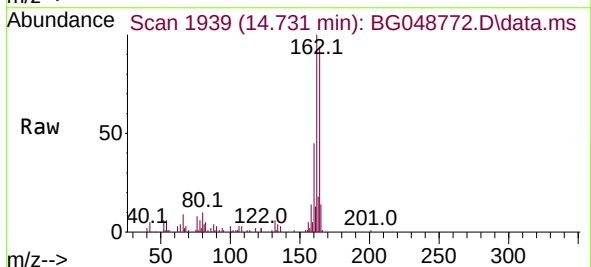
Instrument :
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ClientSampleId :
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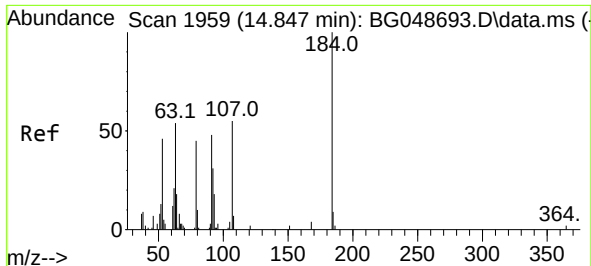
Tgt Ion:163 Resp: 15470
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 8.2 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:165 Resp: 6873
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.2 63.4 95.0#

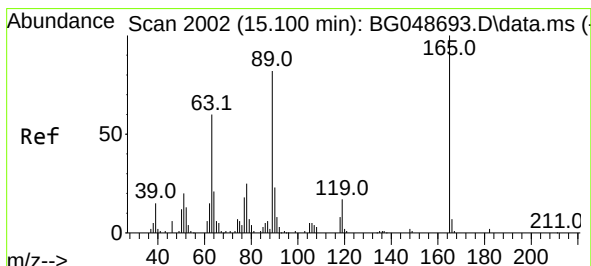
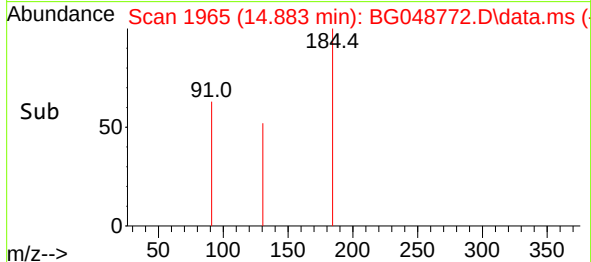
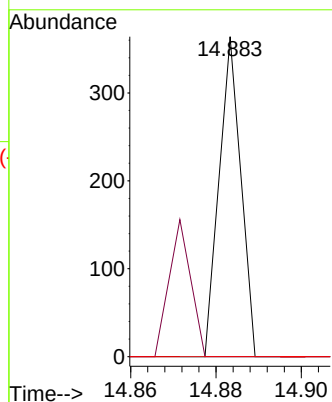
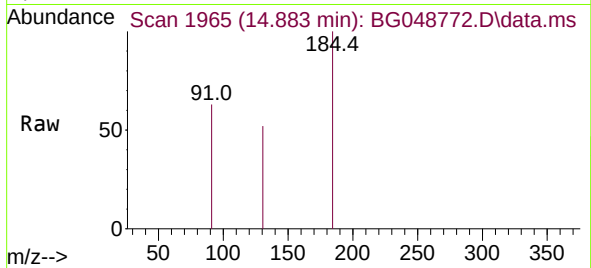




#54
2,4-Dinitrophenol
Concen: 5.50 ng
RT: 14.883 min Scan# 1965
Delta R.T. 0.029 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

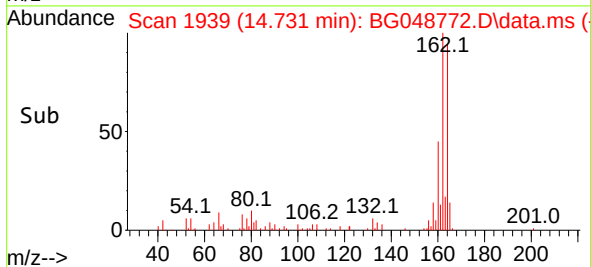
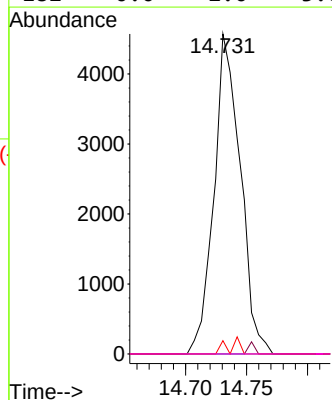
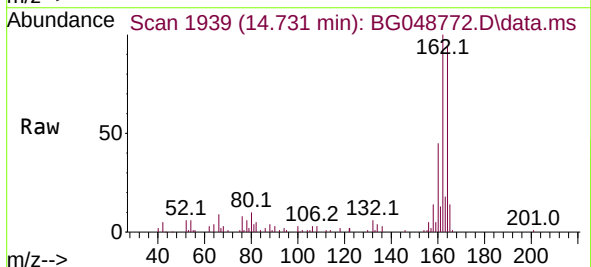
Instrument :
BNA_G
ClientSampled :
TP-2-S

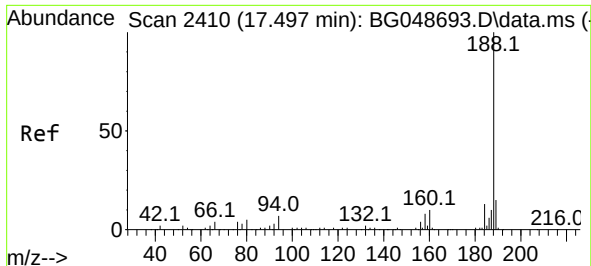
Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:165 Resp: 6873
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.2 65.4 98.0#
182 0.0 2.0 3.0#

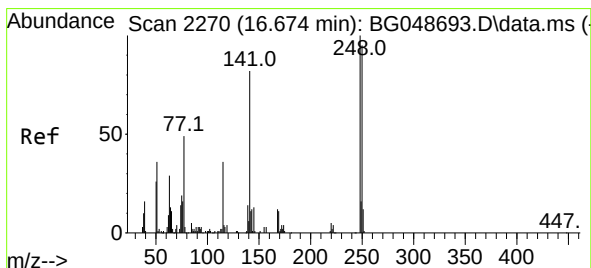
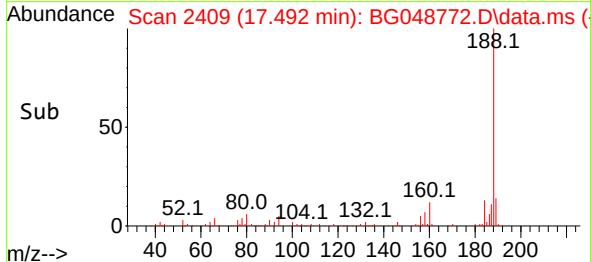
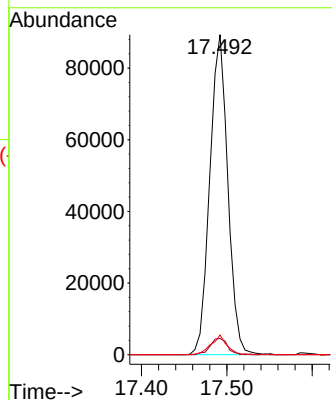
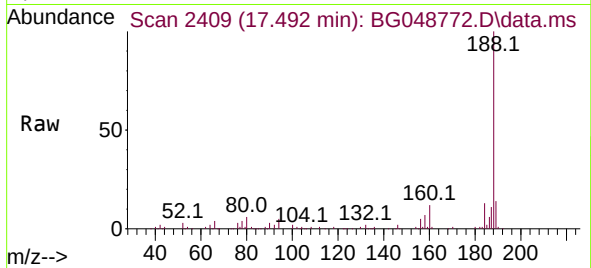




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

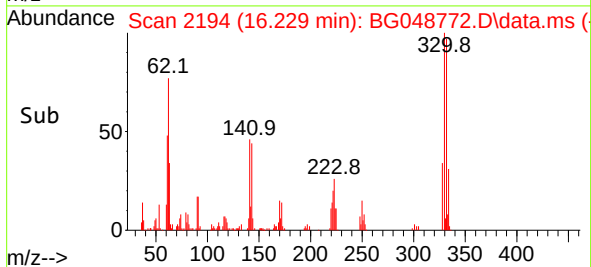
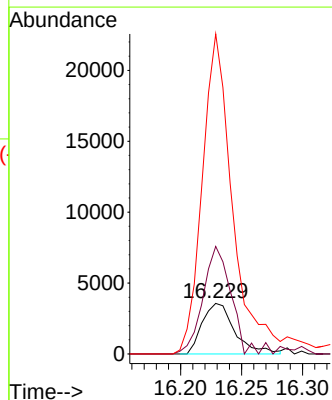
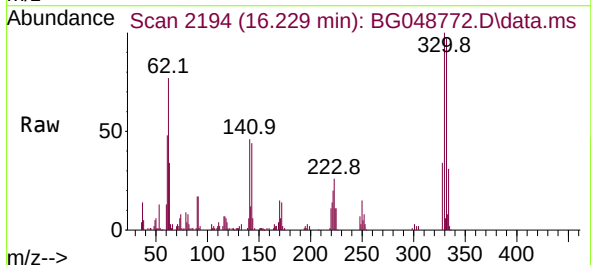
Instrument :
BNA_G
ClientSampled :
TP-2-S

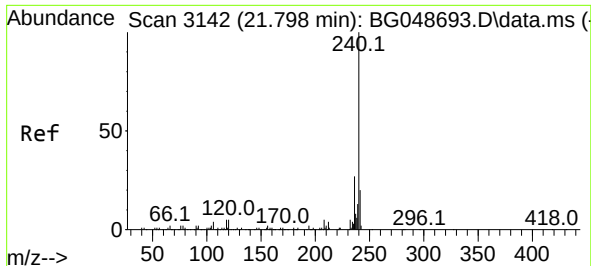
Tgt Ion:188 Resp: 130918
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:248 Resp: 6626
Ion Ratio Lower Upper
248 100
250 149.1 76.1 114.1#
141 443.9 65.4 98.2#

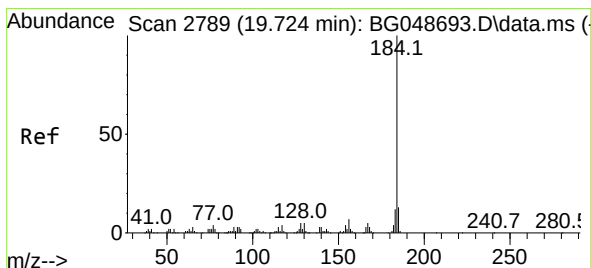
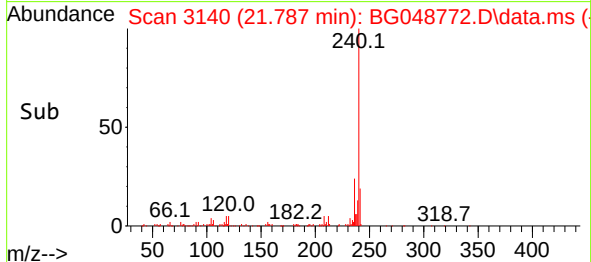
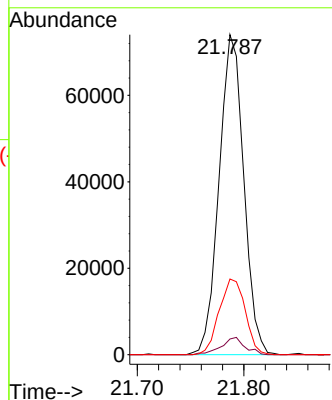
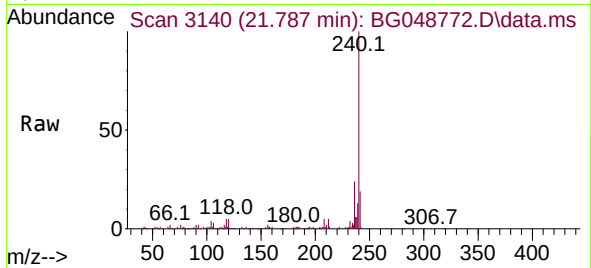




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

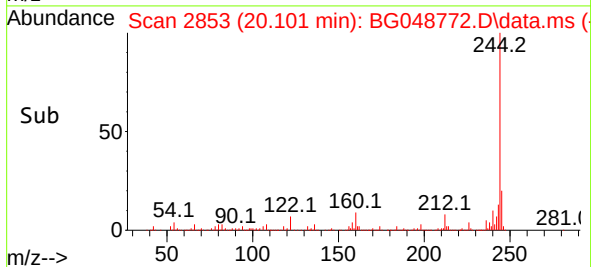
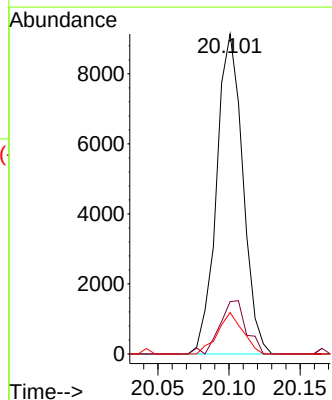
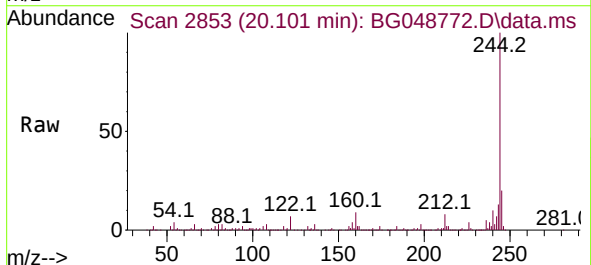
Instrument :
BNA_G
ClientSampled :
TP-2-S

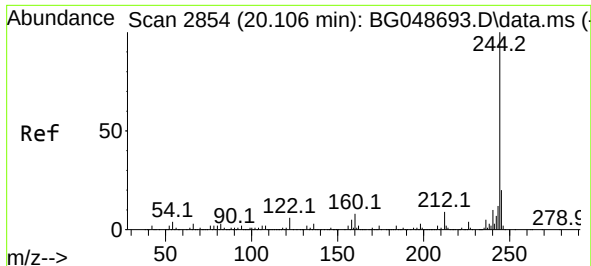
Tgt Ion:240 Resp: 118877
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 23.7 21.8 32.6



#77
Benzidine
Concen: 3.63 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:184 Resp: 11716
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 12.9 9.4 14.0

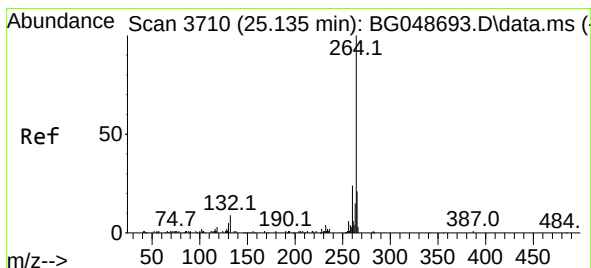
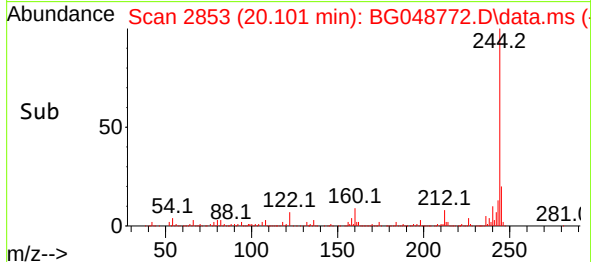
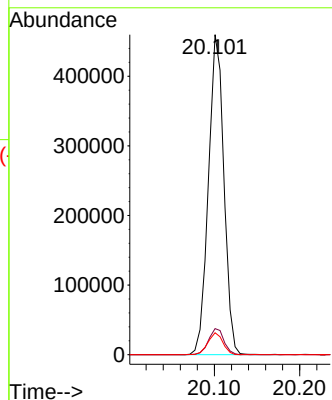
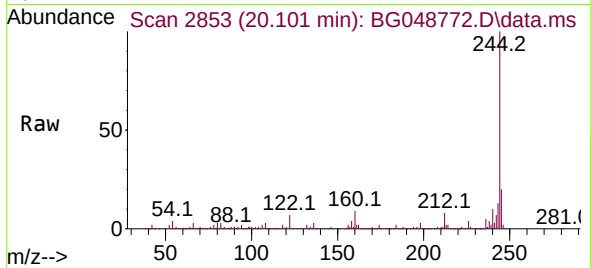




#79
Terphenyl-d14
Concen: 83.82 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Instrument :
BNA_G
ClientSampled :
TP-2-S

Tgt Ion:244 Resp: 578949
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.8 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3708
Delta R.T. -0.018 min
Lab File: BG048772.D
Acq: 19 Apr 2021 18:56

Tgt Ion:264 Resp: 118290
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 20.1 16.9 25.3

