

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048775.D
 Acq On : 19 Apr 2021 20:58
 Operator : CG/JU
 Sample : M2075-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Quant Time: Apr 20 05:25:54 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)

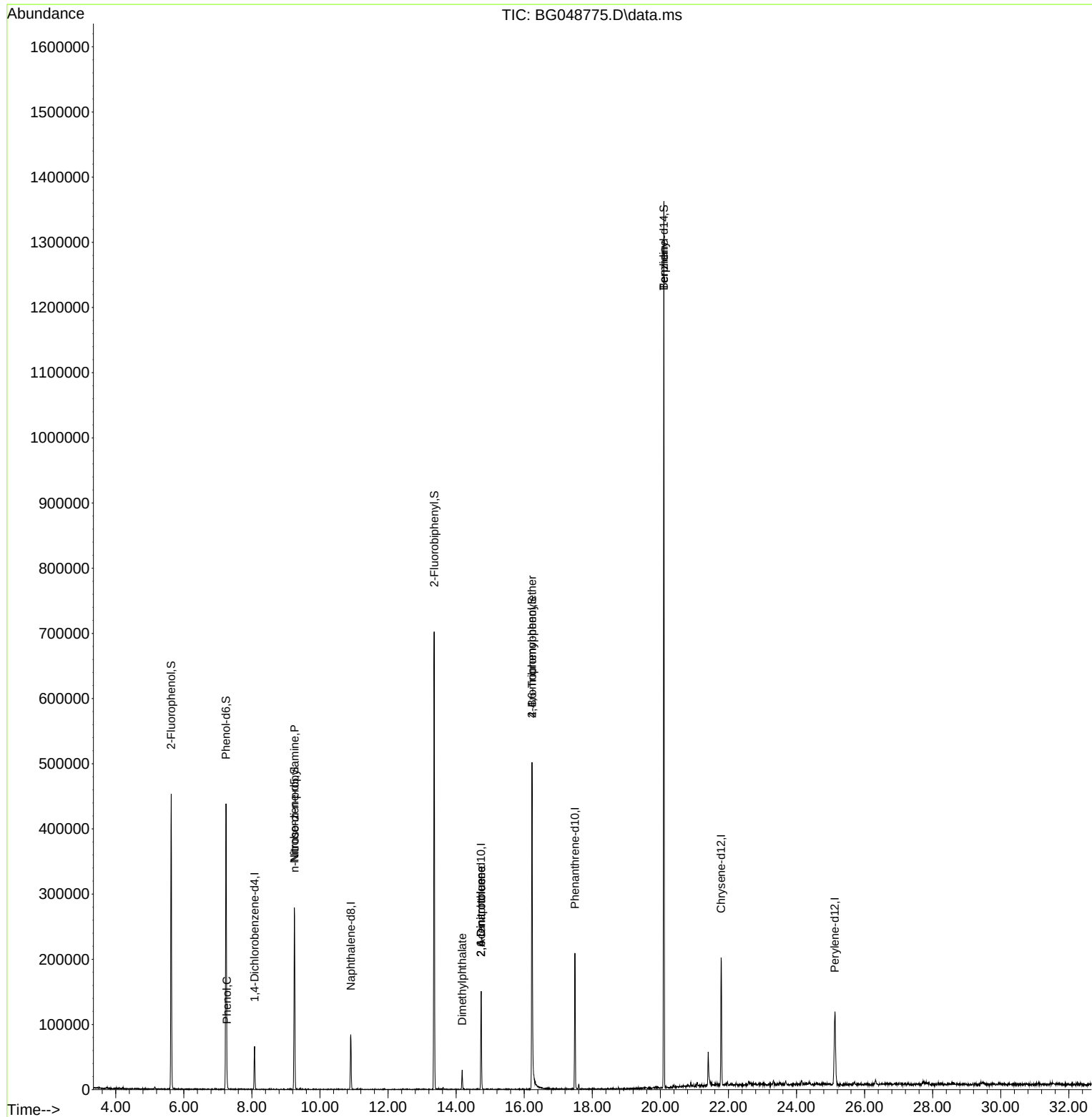
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	16018	20.00	ng	0.00
21) Naphthalene-d8	10.904	136	67476	20.00	ng	0.00
39) Acenaphthene-d10	14.735	164	49841	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	127612	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	120221	20.00	ng	-0.01
86) Perylene-d12	25.123	264	120031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	169100	176.56	ng	0.00
7) Phenol-d6	7.238	99	214643	158.45	ng	0.00
23) Nitrobenzene-d5	9.248	82	157819	104.71	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	91567	137.02	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	344803	99.91	ng	0.00
79) Terphenyl-d14	20.105	244	615663	88.14	ng	0.00
Target Compounds						
10) Phenol	7.268	94	6192	4.65	ng	Qvalue 93
19) n-Nitroso-di-n-propyla...	9.253	70	25828	28.26	ng	# 69
50) Dimethylphthalate	14.177	163	17303	4.63	ng	# 93
51) 2,6-Dinitrotoluene	14.729	165	7402	8.58	ng	# 13
57) 2,4-Dinitrotoluene	14.729	165	7402	5.91	ng	# 18
67) 4-Bromophenyl-phenylether	16.228	248	7110	4.84	ng	# 1
77) Benzidine	20.100	184	12086	3.70	ng	# 91

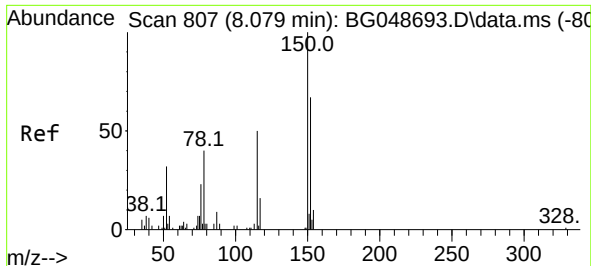
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

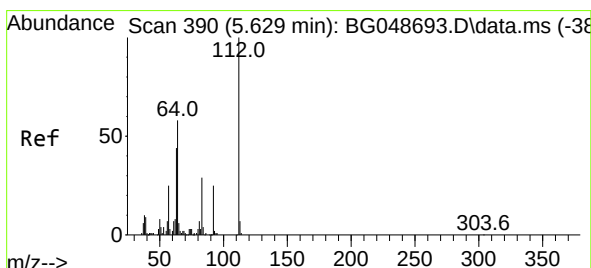
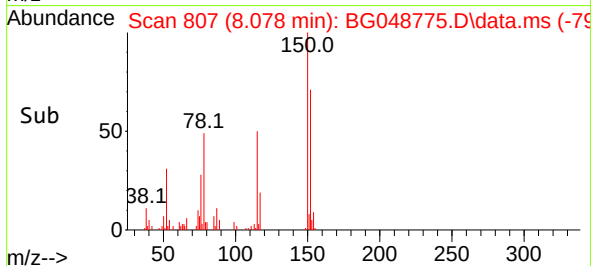
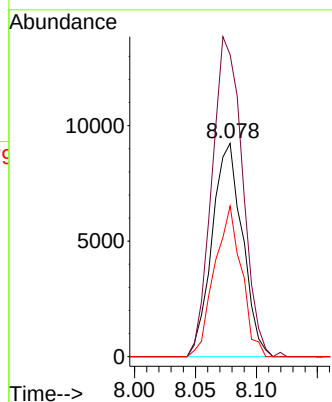
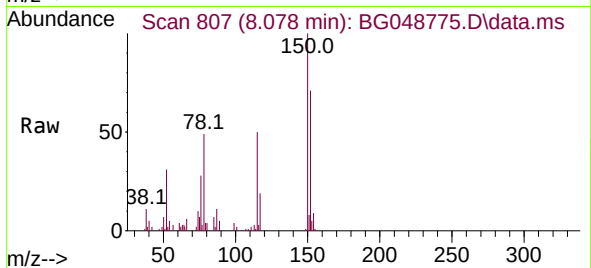




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.078 min Scan# 807
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

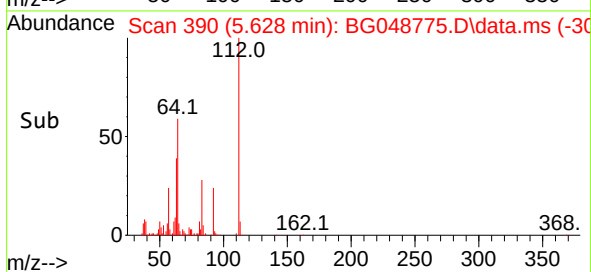
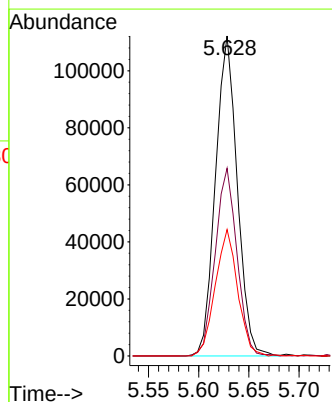
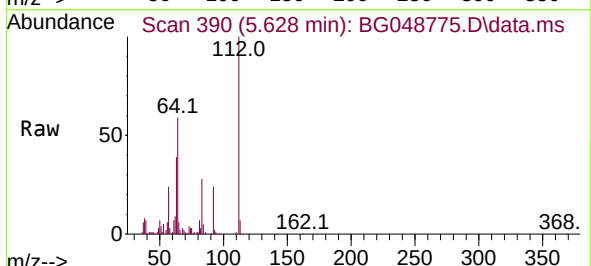
Instrument :
BNA_G
ClientSampled :
TP-4-S

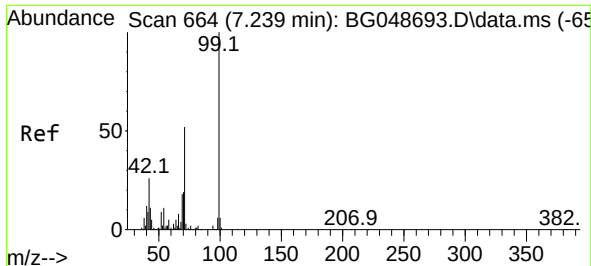
Tgt Ion:152 Resp: 16018
Ion Ratio Lower Upper
152 100
150 141.6 119.4 179.0
115 70.6 60.2 90.4



#5
2-Fluorophenol
Concen: 176.56 ng
RT: 5.628 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion:112 Resp: 169100
Ion Ratio Lower Upper
112 100
64 58.6 46.7 70.1
63 39.5 35.3 52.9

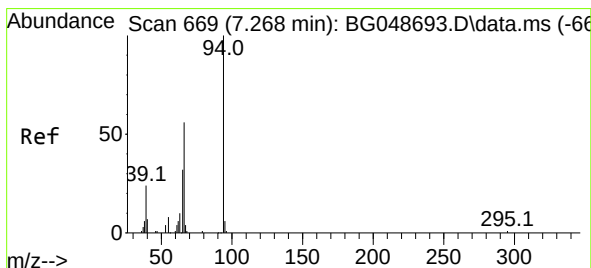
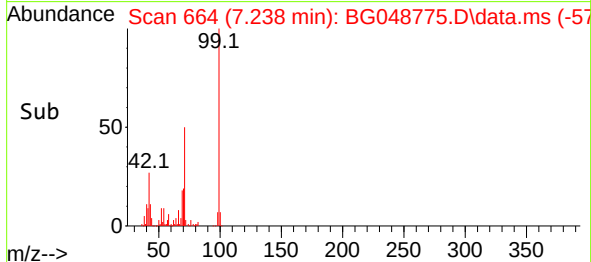
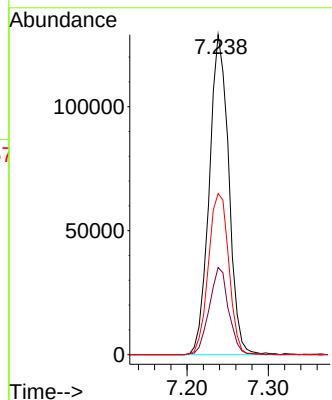
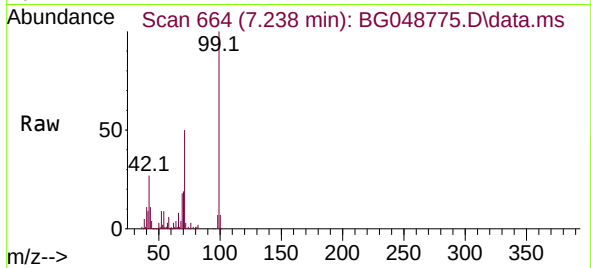




#7
Phenol-d6
Concen: 158.45 ng
RT: 7.238 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

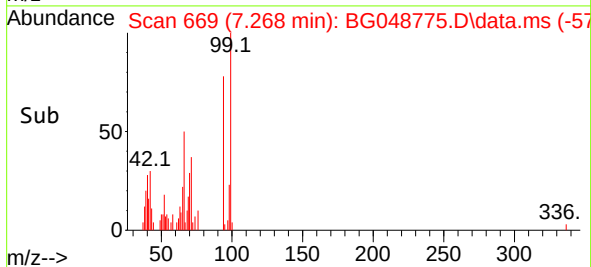
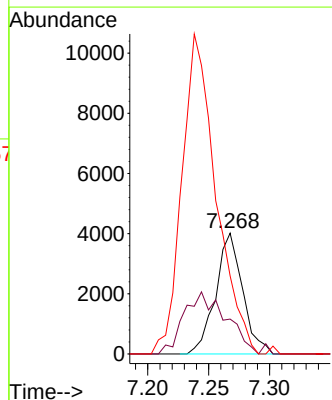
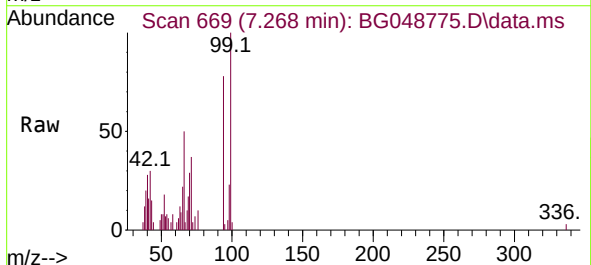
Instrument :
BNA_G
ClientSampleId :
TP-4-S

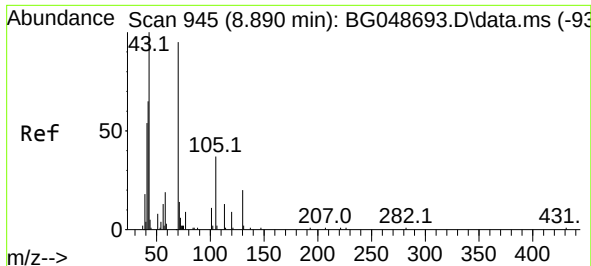
Tgt Ion: 99 Resp: 214643
Ion Ratio Lower Upper
99 100
42 27.2 20.5 30.7
71 50.4 41.5 62.3



#10
Phenol
Concen: 4.65 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

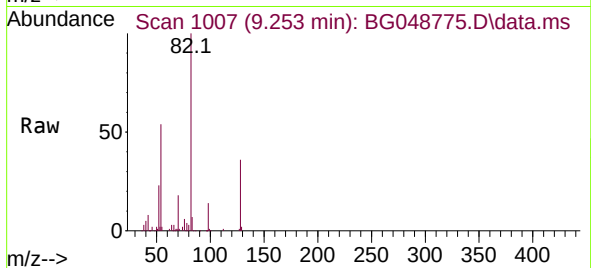
Tgt Ion: 94 Resp: 6192
Ion Ratio Lower Upper
94 100
65 28.9 12.9 52.9
66 64.6 39.4 79.4



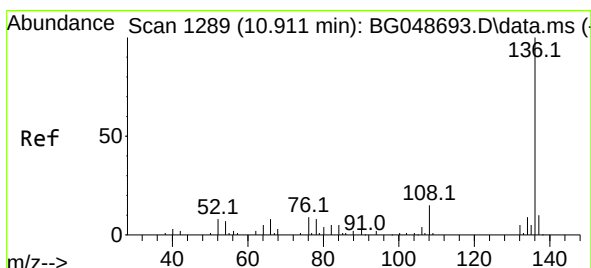
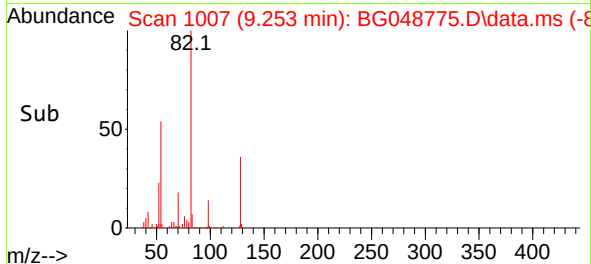
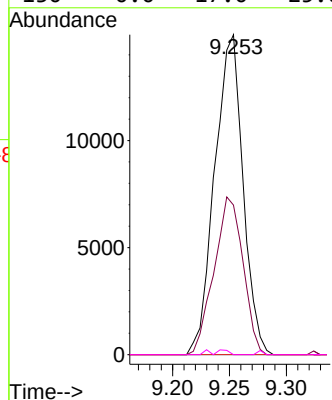


#19
n-Nitroso-di-n-propylamine
Concen: 28.26 ng
RT: 9.253 min Scan# 1007
Delta R.T. 0.363 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Instrument :
BNA_G
ClientSampled :
TP-4-S

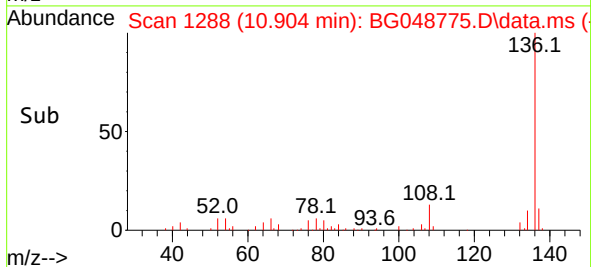
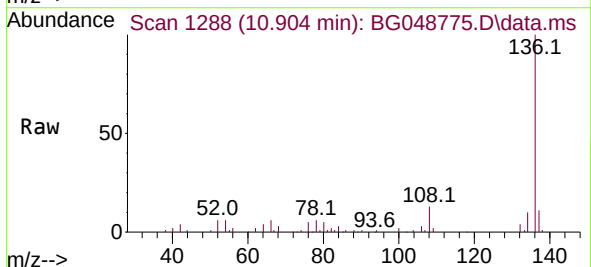
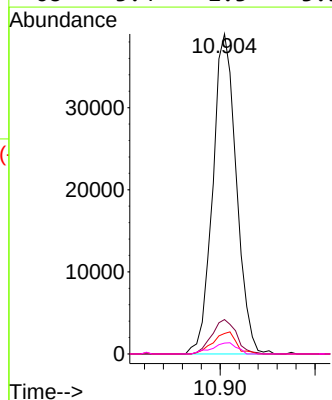


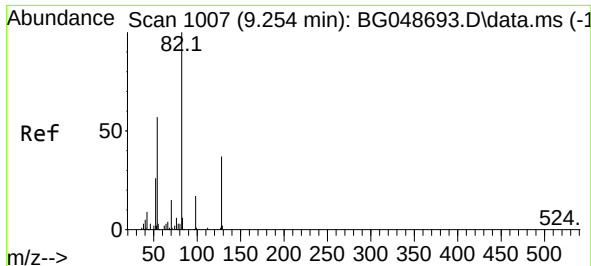
Tgt Ion: 70 Resp: 25828
Ion Ratio Lower Upper
70 100
42 46.7 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.904 min Scan# 1288
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion: 136 Resp: 67476
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 6.4 5.5 8.3
68 3.4 2.3 3.5

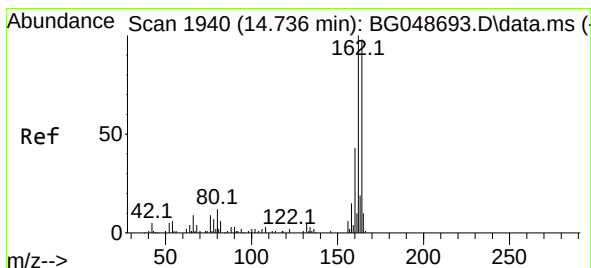
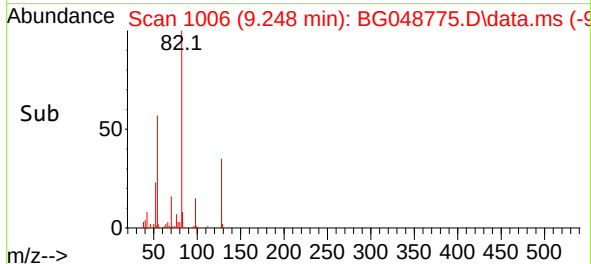
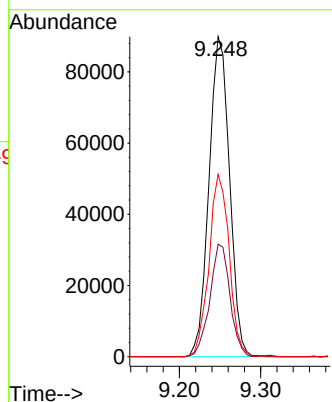
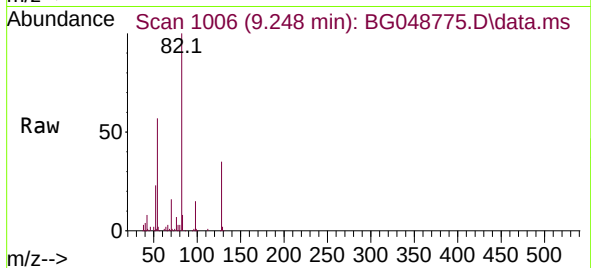




#23
Nitrobenzene-d5
Concen: 104.71 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

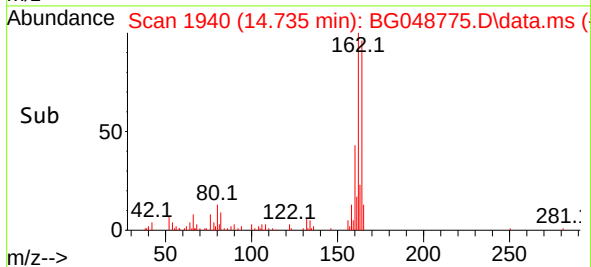
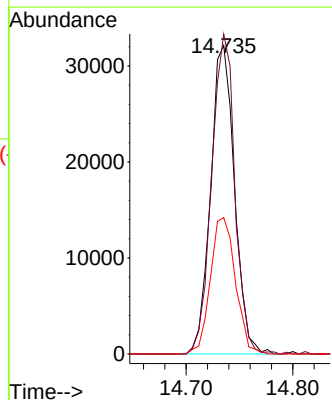
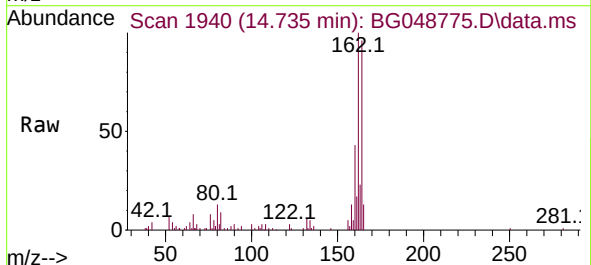
Instrument :
BNA_G
ClientSampled :
TP-4-S

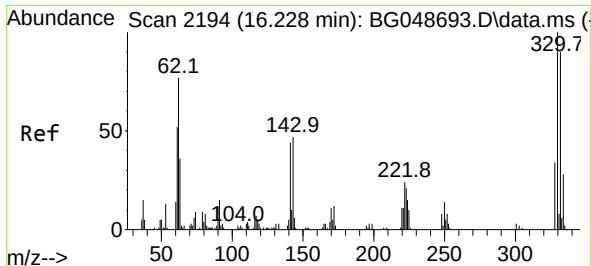
Tgt Ion: 82 Resp: 157819
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.6
54 56.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion:164 Resp: 49841
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 44.2 34.9 52.3

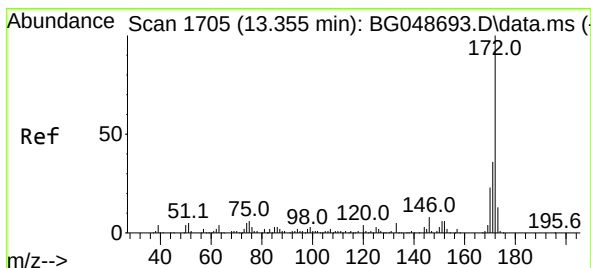
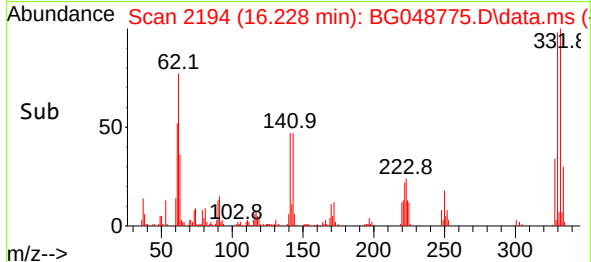
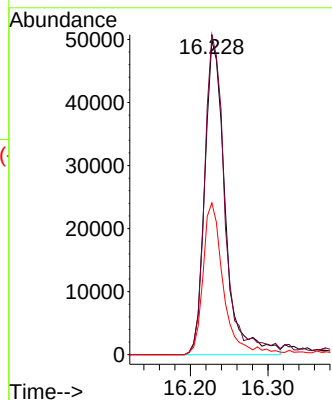
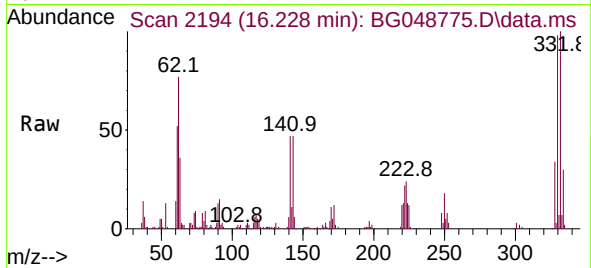




#42
2,4,6-Tribromophenol
Concen: 137.02 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

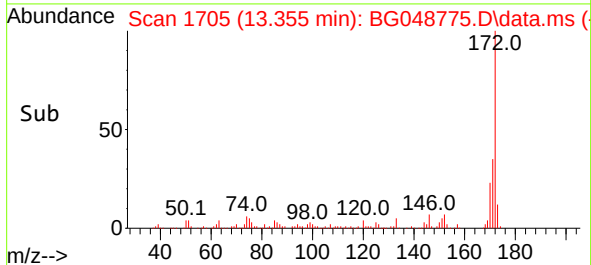
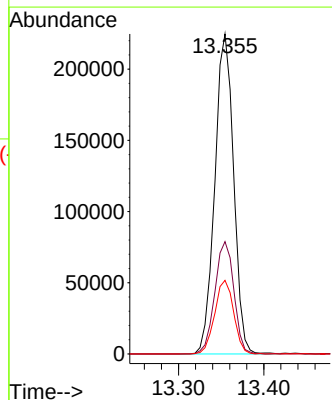
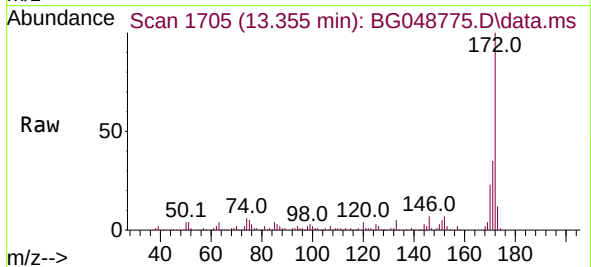
Instrument :
BNA_G
ClientSampleId :
TP-4-S

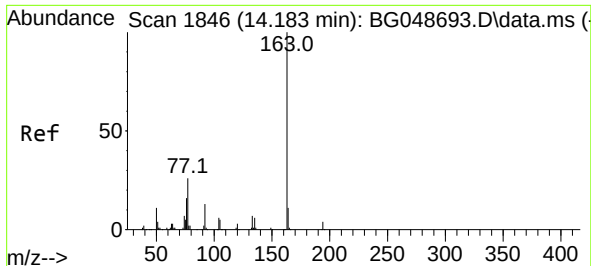
Tgt Ion:330 Resp: 91567
Ion Ratio Lower Upper
330 100
332 101.1 77.3 115.9
141 46.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 99.91 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion:172 Resp: 344803
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 18.6 27.8

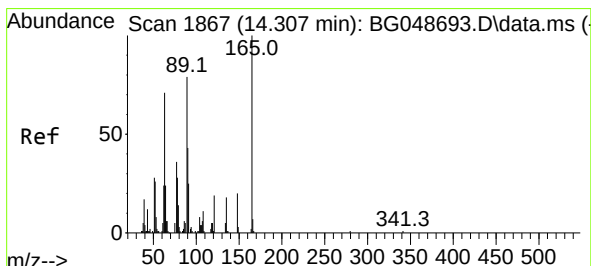
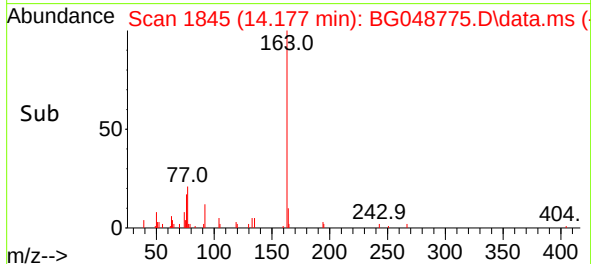
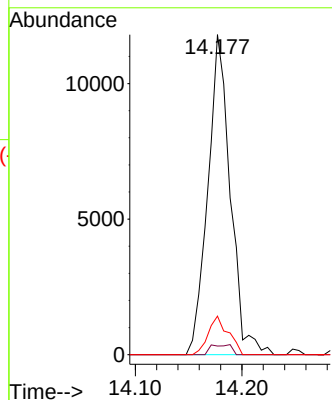
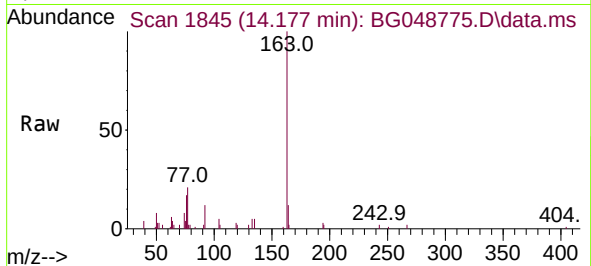




#50
Dimethylphthalate
Concen: 4.63 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

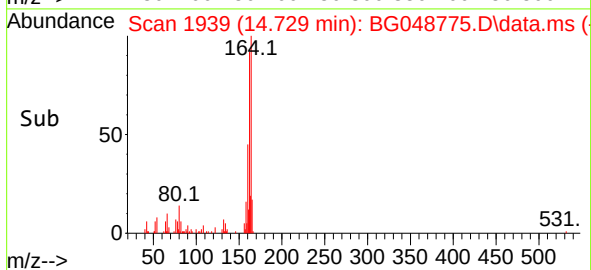
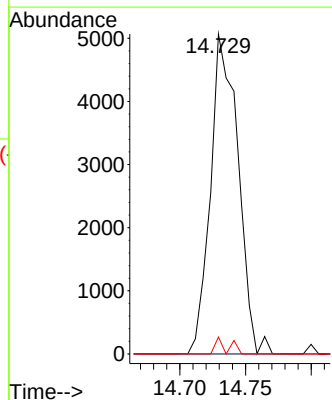
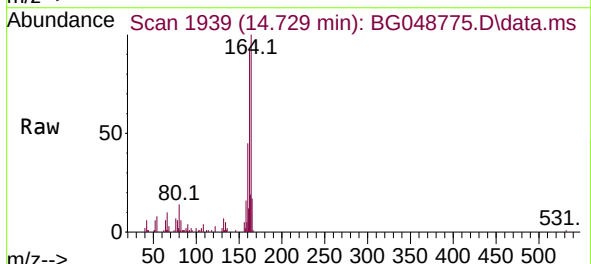
Instrument :
BNA_G
ClientSampleId :
TP-4-S

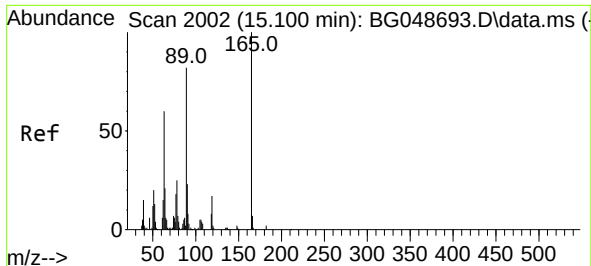
Tgt Ion:163 Resp: 17303
Ion Ratio Lower Upper
163 100
194 2.7 3.0 4.6#
164 13.9 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 14.729 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

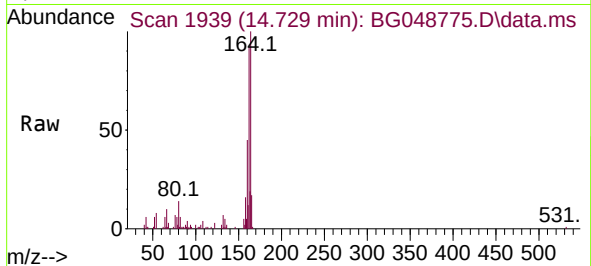
Tgt Ion:165 Resp: 7402
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 5.3 63.4 95.0#



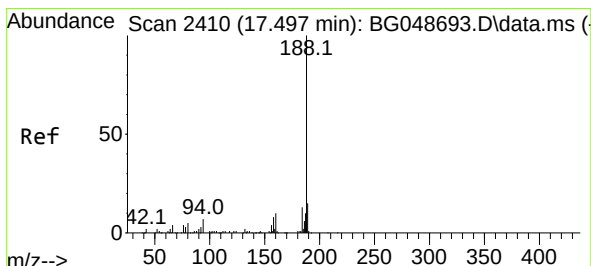
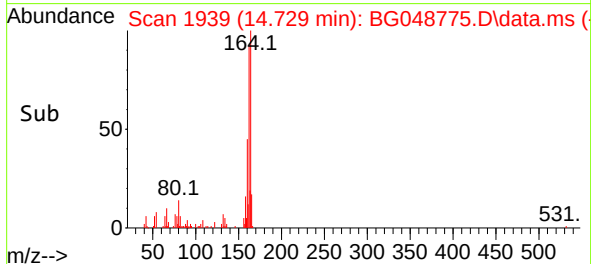
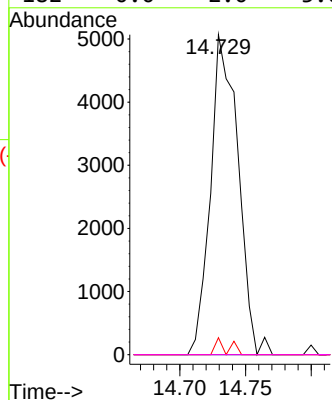


#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 14.729 min Scan# 1939
Delta R.T. -0.372 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Instrument :
BNA_G
ClientSampleId :
TP-4-S

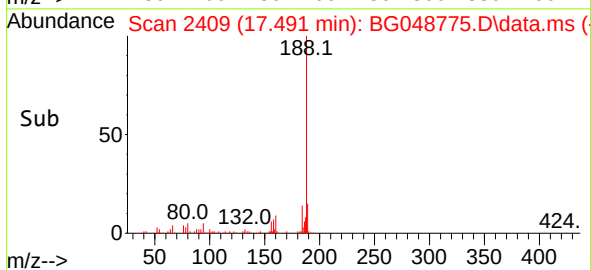
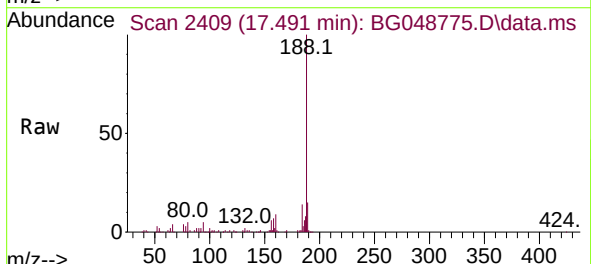
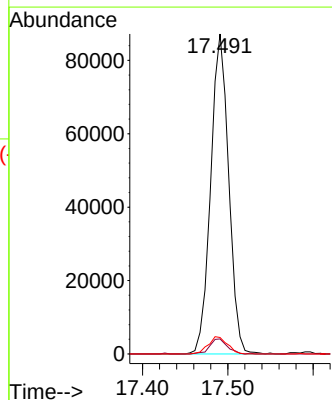


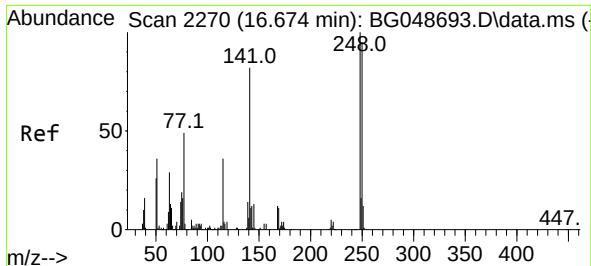
Tgt Ion:165	Resp:	7402
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	5.3	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

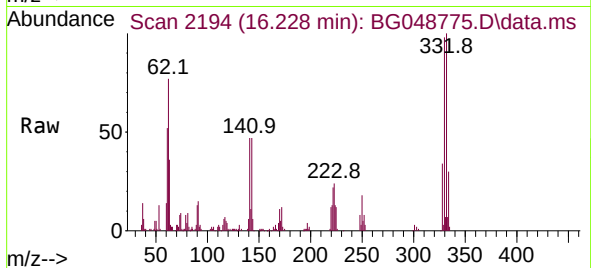
Tgt Ion:188	Resp:	127612
Ion Ratio	Lower	Upper
188	100	
94	4.7	5.4 8.0#
80	5.2	3.7 5.5



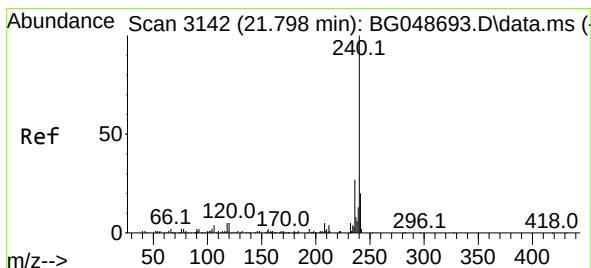
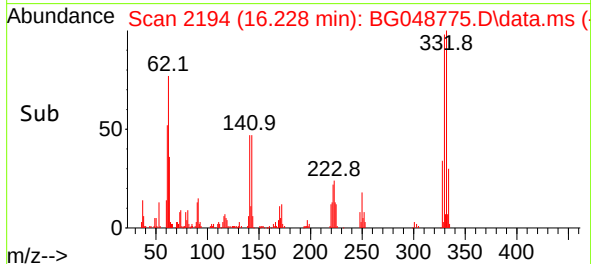
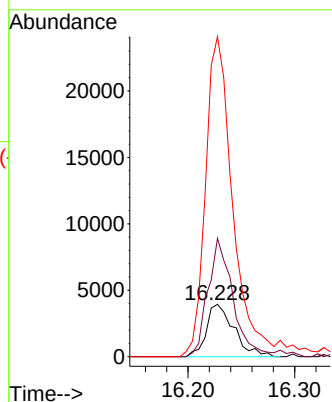


#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Instrument :
BNA_G
ClientSampled :
TP-4-S

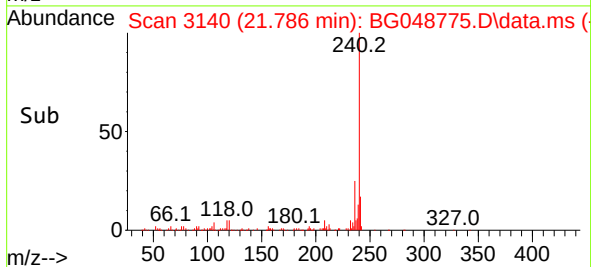
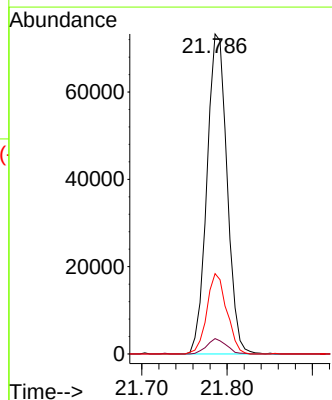
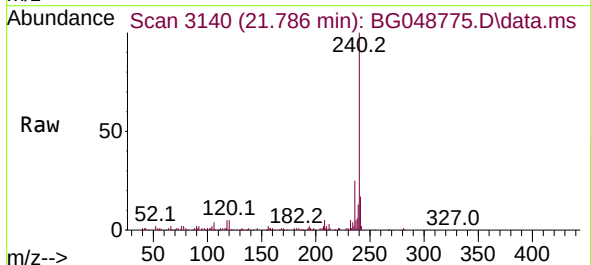


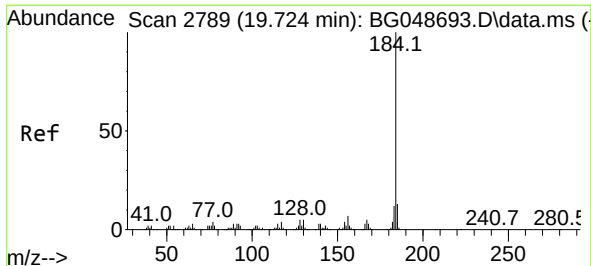
Tgt Ion:248 Resp: 7110
Ion Ratio Lower Upper
248 100
250 226.7 76.1 114.1#
141 612.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion:240 Resp: 120221
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.1 21.8 32.6

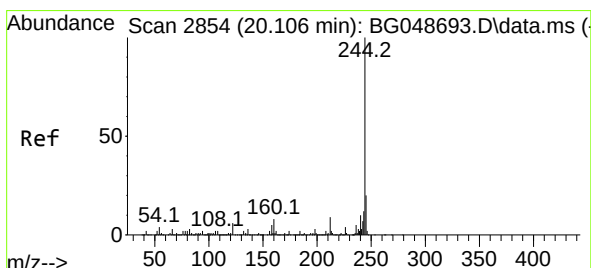
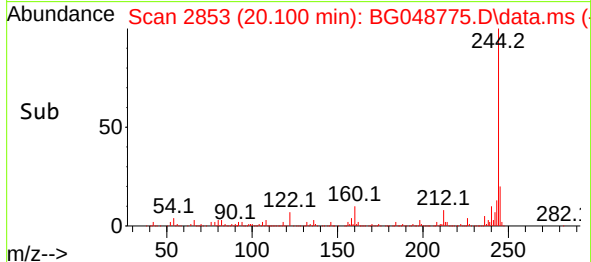
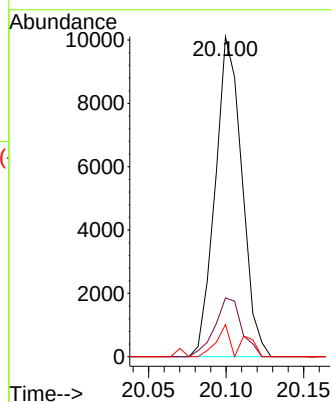
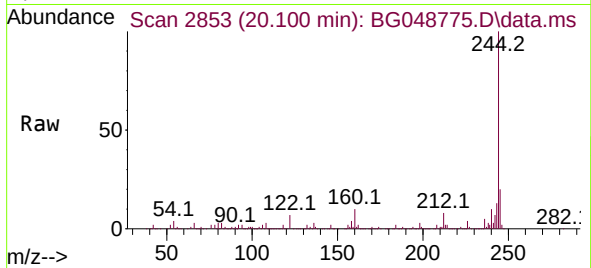




#77
Benzidine
Concen: 3.70 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

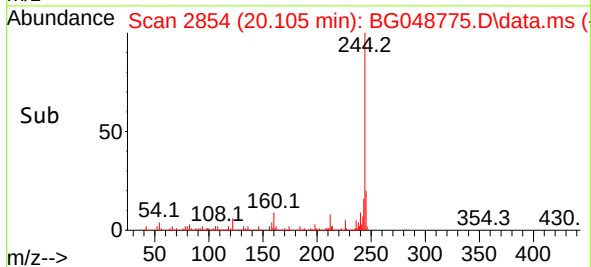
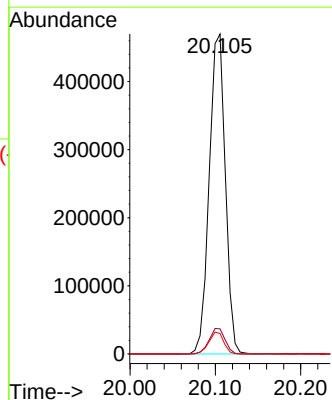
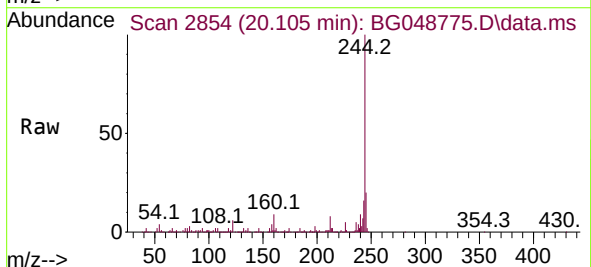
Instrument :
BNA_G
ClientSampled :
TP-4-S

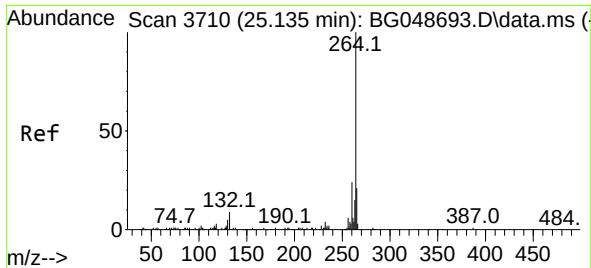
Tgt Ion:184 Resp: 12086
Ion Ratio Lower Upper
184 100
185 18.4 10.7 16.1#
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 88.14 ng
RT: 20.105 min Scan# 2854
Delta R.T. -0.002 min
Lab File: BG048775.D
Acq: 19 Apr 2021 20:58

Tgt Ion:244 Resp: 615663
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048775.D
 Acq: 19 Apr 2021 20:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Tgt Ion:264	Resp: 120031
Ion Ratio	Lower Upper
264	100
260	22.8 19.4 29.2
265	18.7 16.9 25.3

