

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048799.D
 Acq On : 20 Apr 2021 18:08
 Operator : CG/JU
 Sample : M2075-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Quant Time: Apr 21 04:32:14 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)

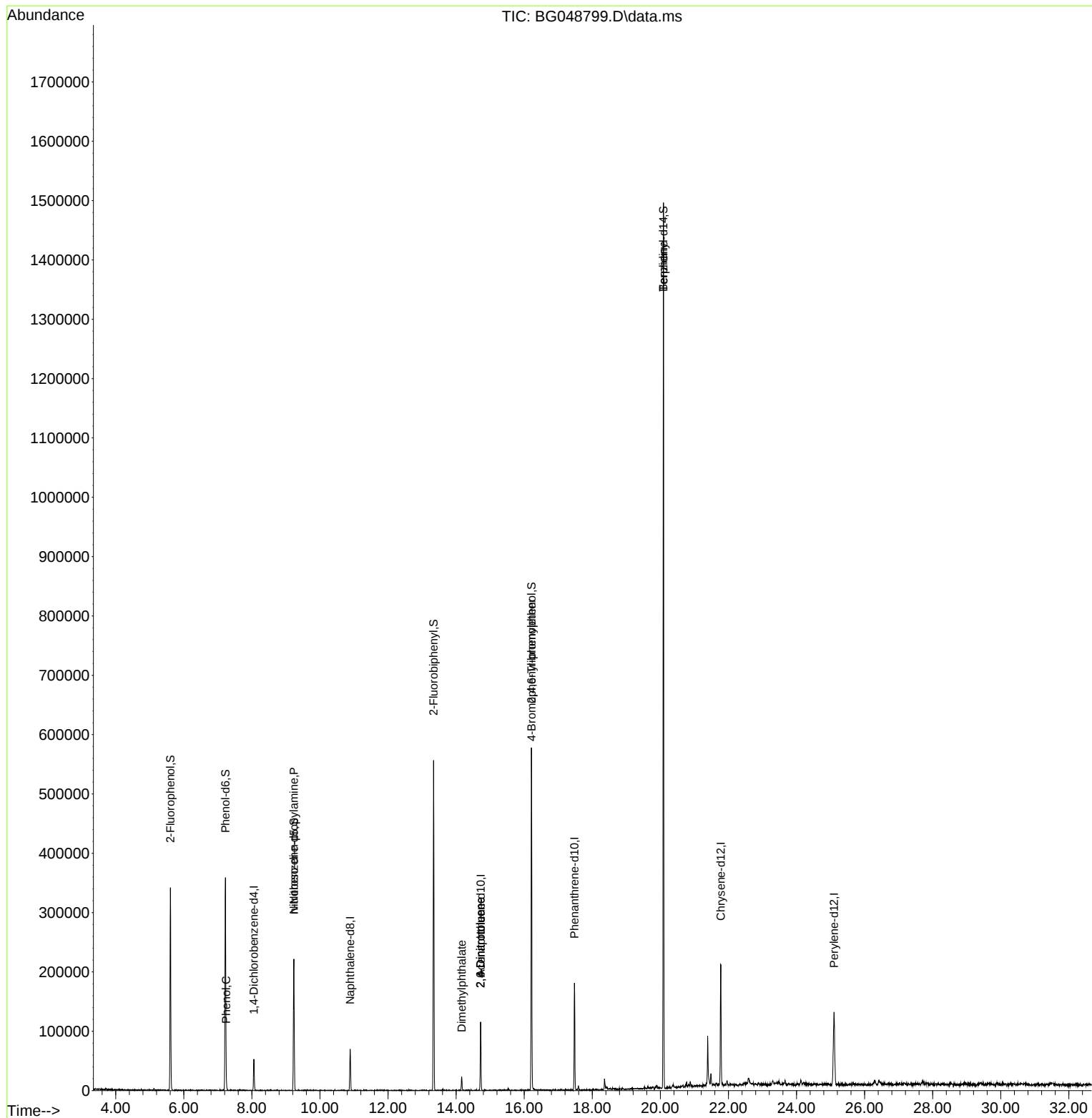
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	13465	20.00	ng	# 0.00
21) Naphthalene-d8	10.890	136	53858	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	39706	20.00	ng	# 0.00
64) Phenanthrene-d10	17.477	188	109617	20.00	ng	# 0.00
76) Chrysene-d12	21.777	240	124963	20.00	ng	# 0.00
86) Perylene-d12	25.103	264	123702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	129505	160.86	ng	0.00
7) Phenol-d6	7.224	99	169154	148.54	ng	0.00
23) Nitrobenzene-d5	9.233	82	125775	104.55	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	92820	174.35	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	269665	98.08	ng	0.00
79) Terphenyl-d14	20.091	244	635803	87.57	ng	0.00
Target Compounds						
10) Phenol	7.247	94	5372	4.80	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	9.233	70	19019	24.76	ng	# 68
50) Dimethylphthalate	14.163	163	13188	4.43	ng	# 95
51) 2,6-Dinitrotoluene	14.715	165	5336	7.77	ng	# 10
57) 2,4-Dinitrotoluene	14.715	165	5336	5.35	ng	# 15
67) 4-Bromophenyl-phenylether	16.219	248	6442	5.11	ng	# 1
77) Benizidine	20.091	184	12167	3.59	ng	# 93

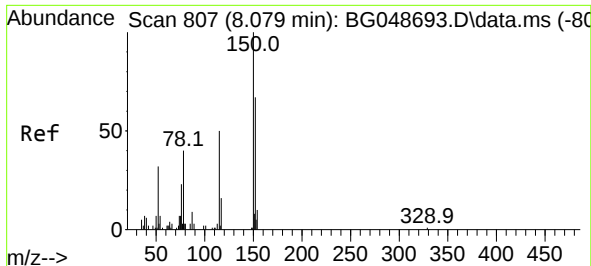
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
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BNA_G
ClientSampleId :
TP-4-S

Quant Time: Apr 21 04:32:14 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

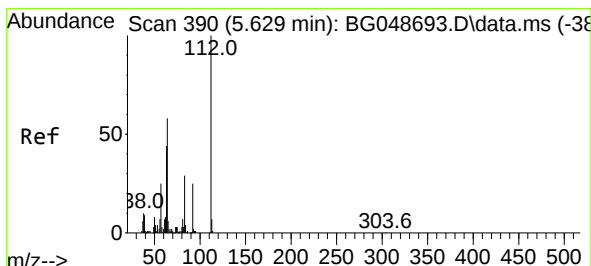
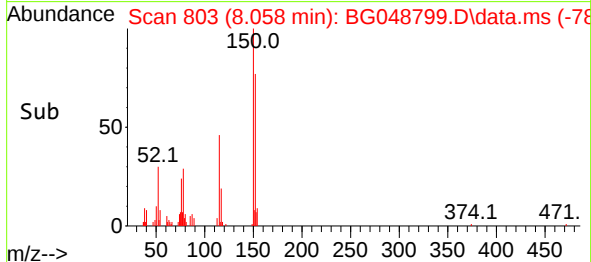
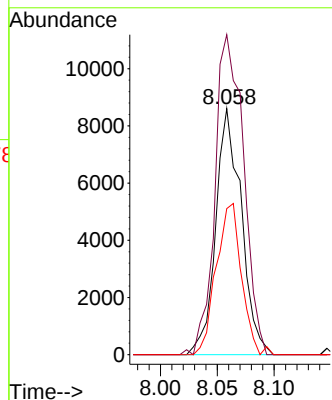
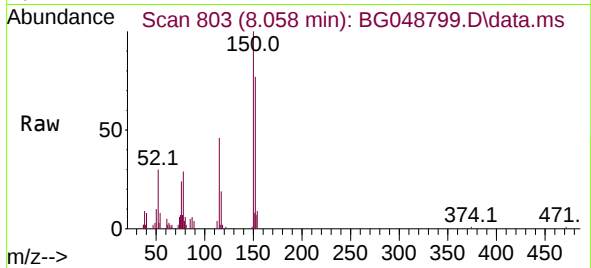




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.058 min Scan# 803
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

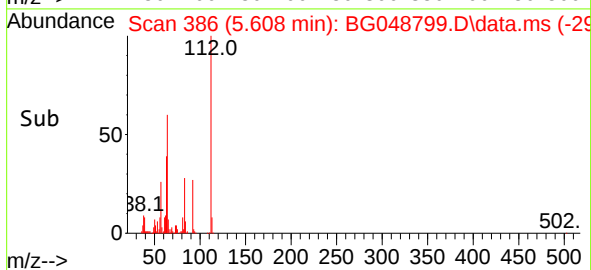
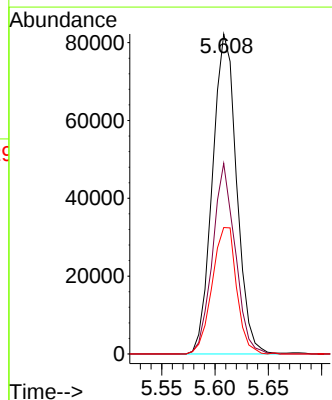
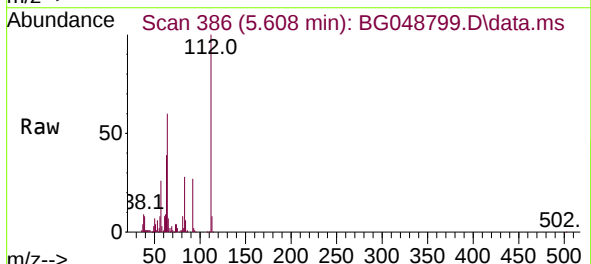
Instrument :
BNA_G
ClientSampleId :
TP-4-S

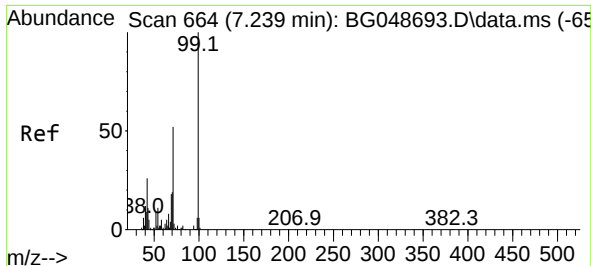
Tgt Ion:152 Resp: 13465
Ion Ratio Lower Upper
152 100
150 130.0 119.4 179.0
115 59.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 160.86 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:112 Resp: 129505
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 39.5 35.3 52.9

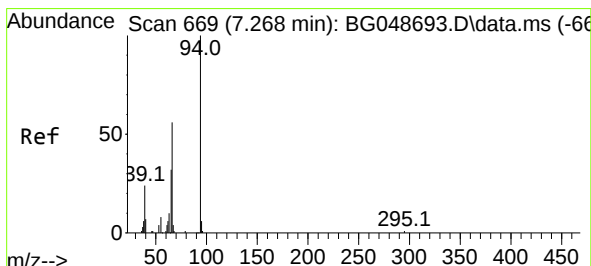
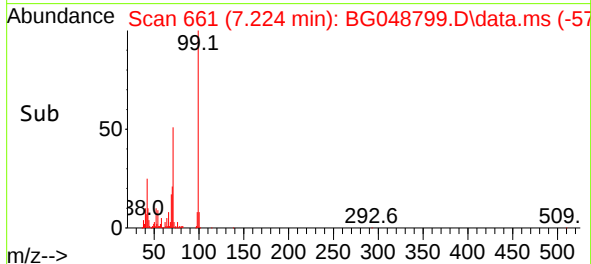
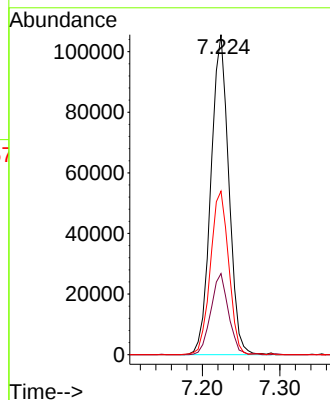
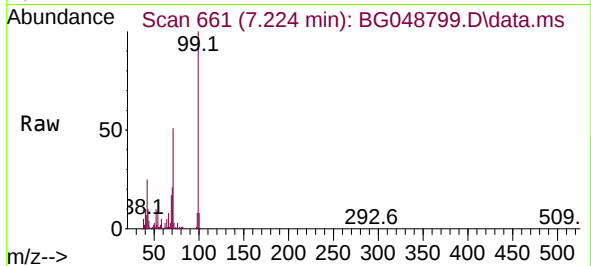




#7
Phenol-d6
Concen: 148.54 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

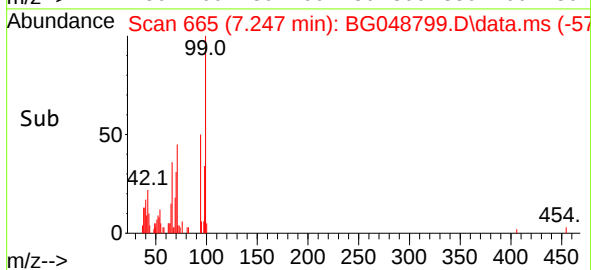
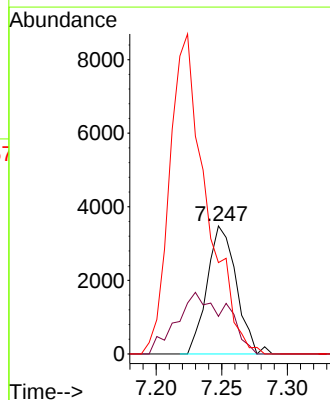
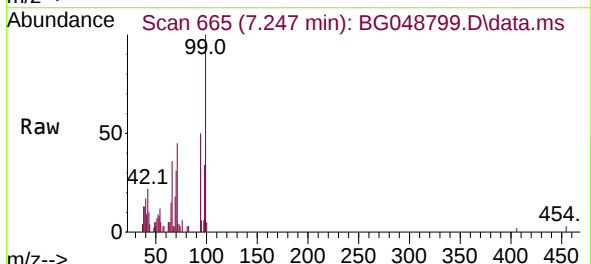
Instrument :
BNA_G
ClientSampleId :
TP-4-S

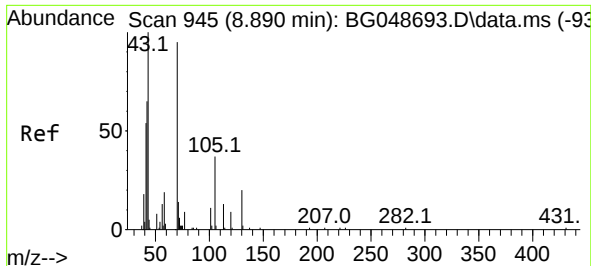
Tgt Ion: 99 Resp: 169154
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 51.1 41.5 62.3



#10
Phenol
Concen: 4.80 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion: 94 Resp: 5372
Ion Ratio Lower Upper
94 100
65 29.4 12.9 52.9
66 71.4 39.4 79.4

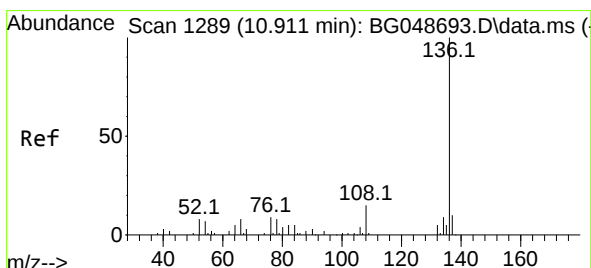
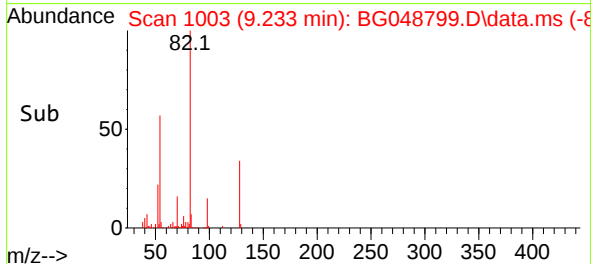
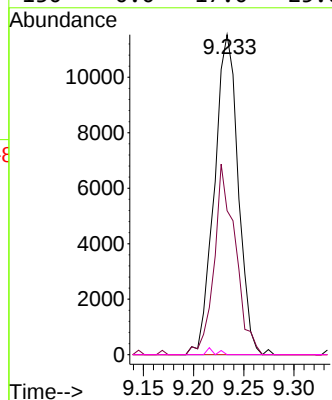
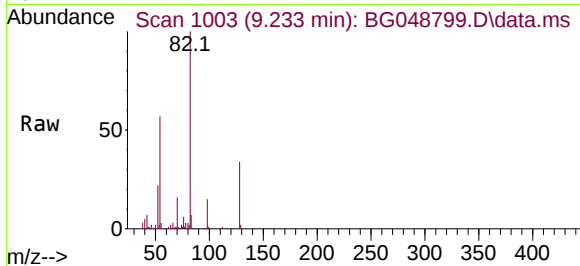




#19
n-Nitroso-di-n-propylamine
Concen: 24.76 ng
RT: 9.233 min Scan# 1003
Delta R.T. 0.361 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

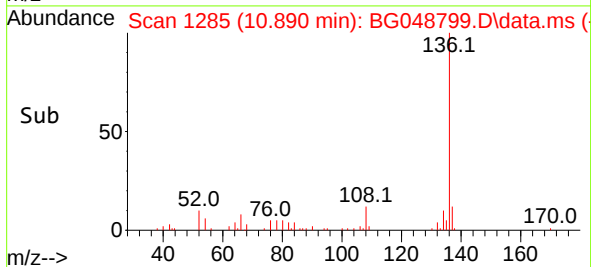
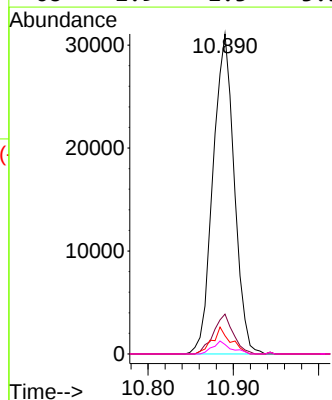
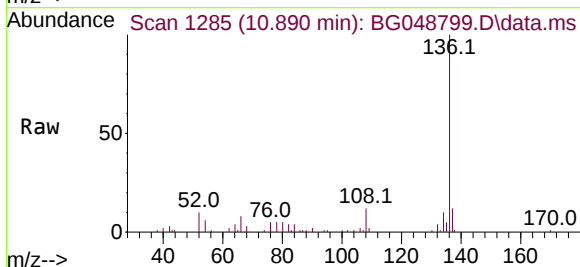
Instrument :
BNA_G
ClientSampled :
TP-4-S

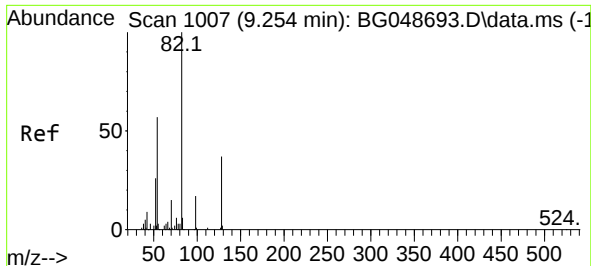
Tgt Ion:	70	Resp:	19019
Ion	Ratio	Lower	Upper
70	100		
42	45.0	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:	136	Resp:	53858
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.2	12.2#
54	5.7	5.5	8.3
68	2.9	2.3	3.5

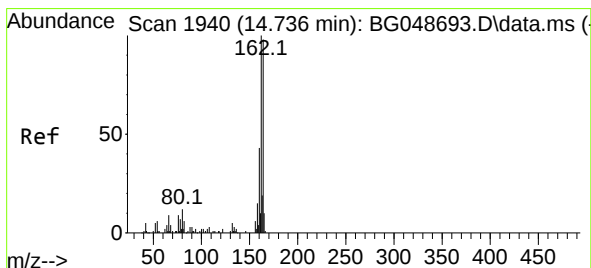
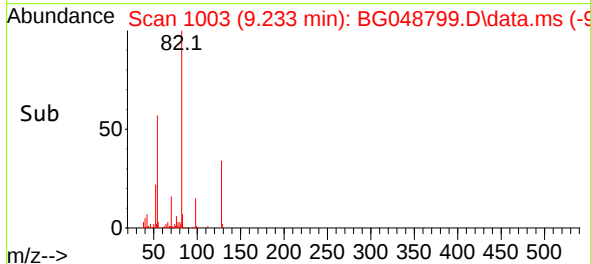
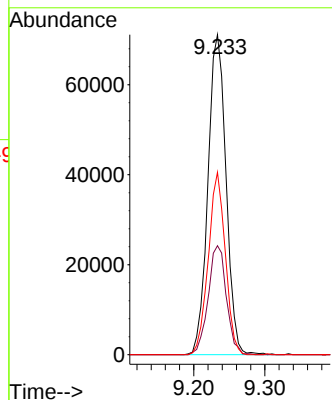
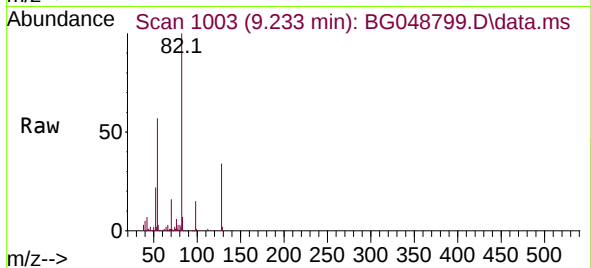




#23
Nitrobenzene-d5
Concen: 104.55 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

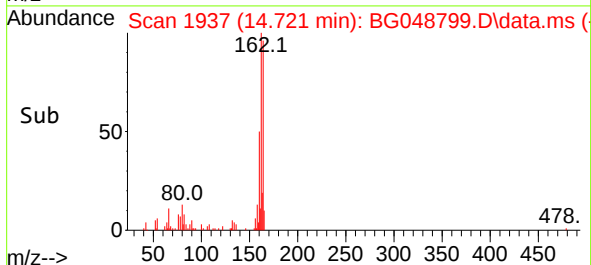
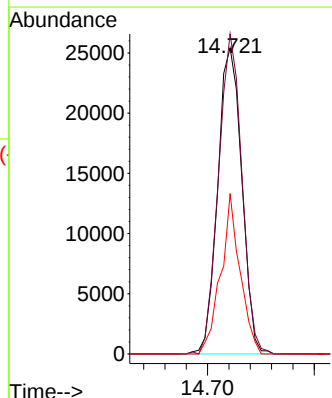
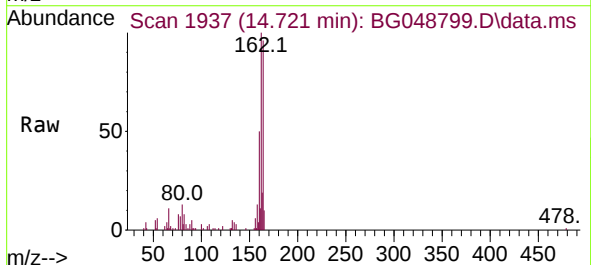
Instrument :
BNA_G
ClientSampleId :
TP-4-S

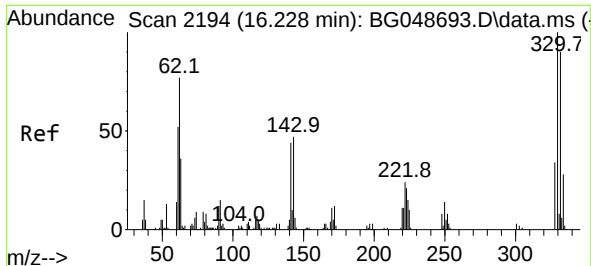
Tgt Ion: 82 Resp: 125775
Ion Ratio Lower Upper
82 100
128 34.1 29.8 44.6
54 57.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:164 Resp: 39706
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 52.4 34.9 52.3#

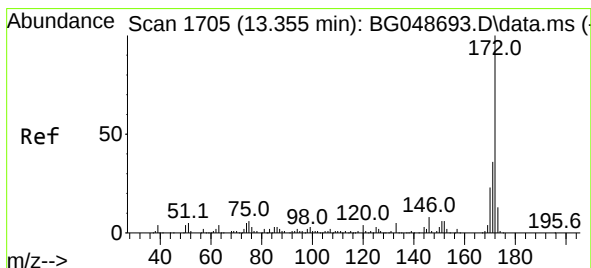
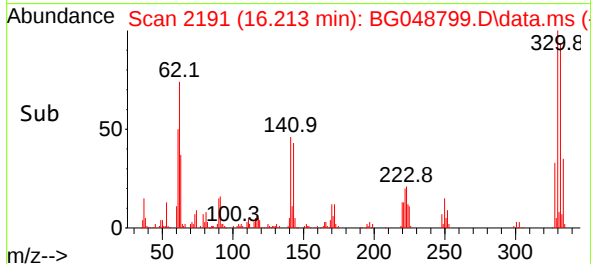
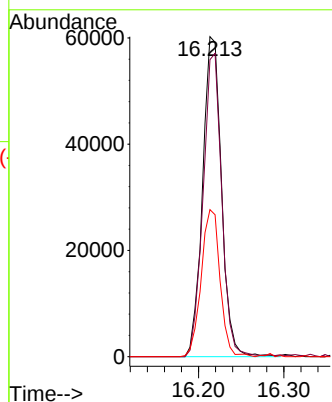
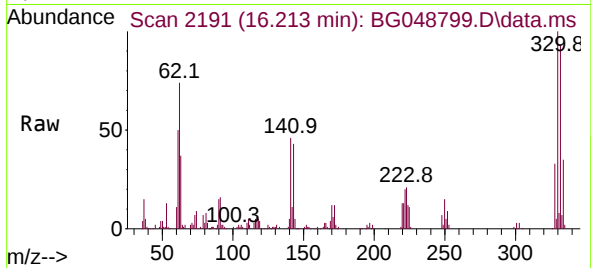




#42
2,4,6-Tribromophenol
Concen: 174.35 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

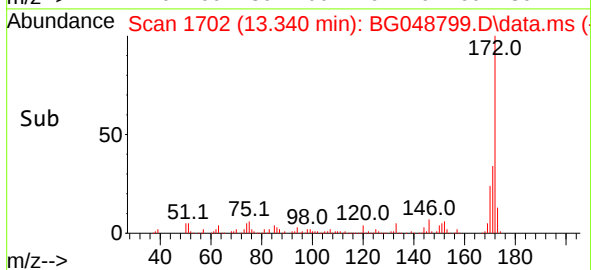
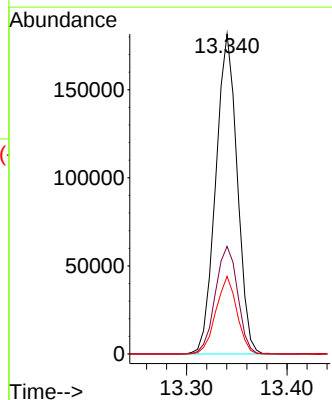
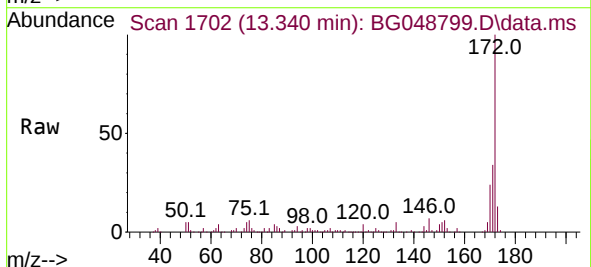
Instrument :
BNA_G
ClientSampleId :
TP-4-S

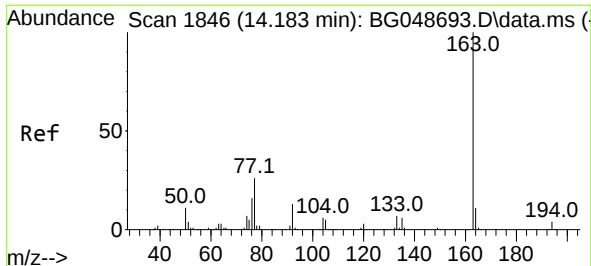
Tgt Ion:330 Resp: 92820
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 45.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 98.08 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:172 Resp: 269665
Ion Ratio Lower Upper
172 100
171 33.6 28.6 43.0
170 24.2 18.6 27.8

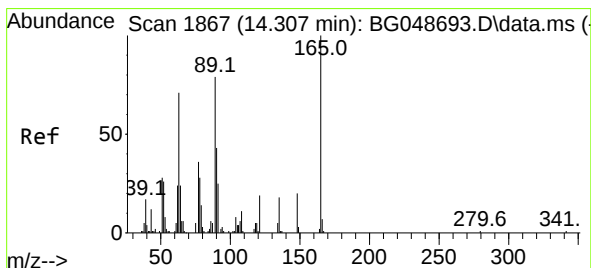
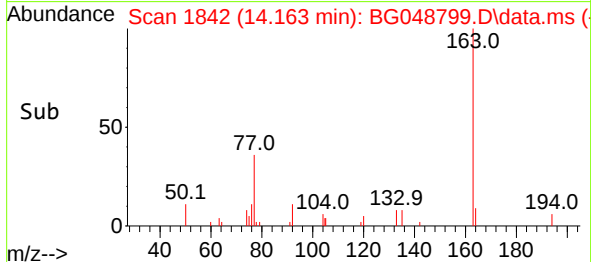
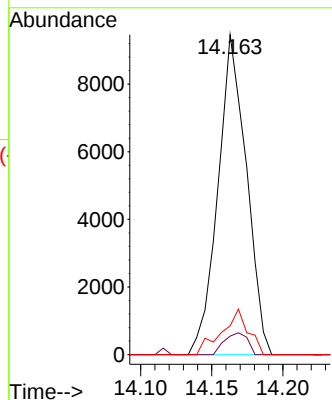
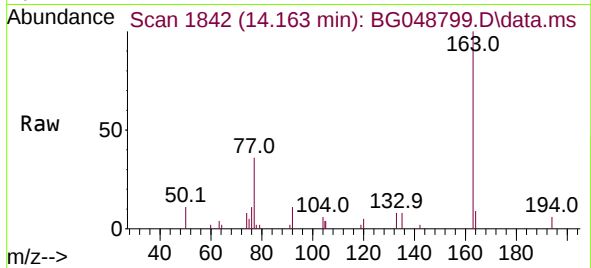




#50
Dimethylphthalate
Concen: 4.43 ng
RT: 14.163 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

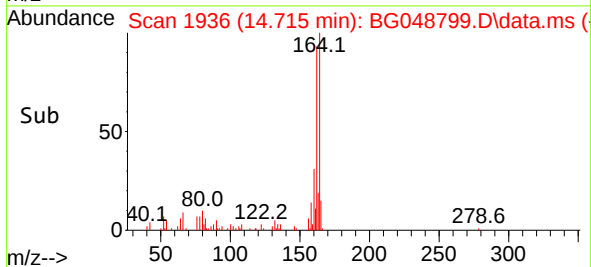
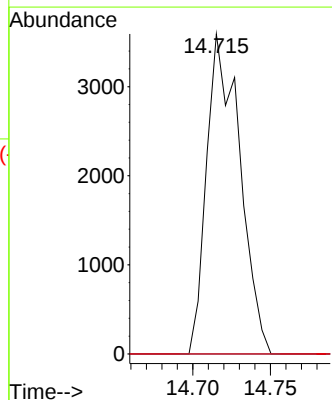
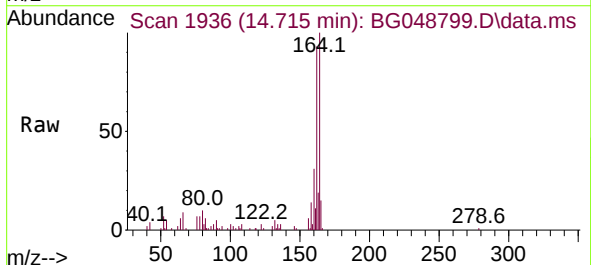
Instrument :
BNA_G
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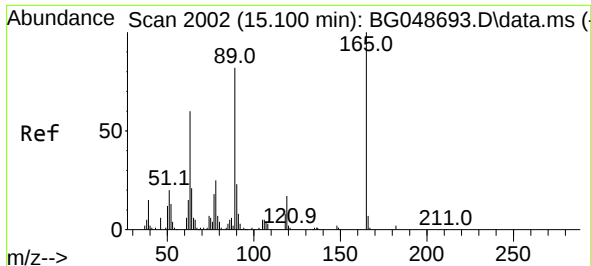
Tgt Ion:163 Resp: 13188
Ion Ratio Lower Upper
163 100
194 5.8 3.0 4.6#
164 9.0 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 14.715 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:165 Resp: 5336
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

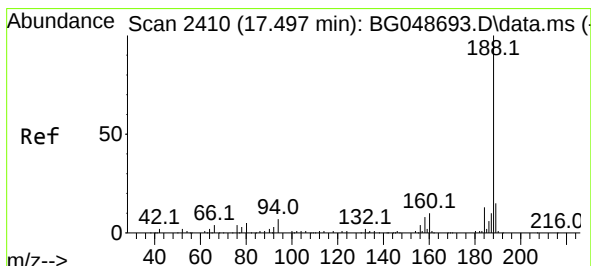
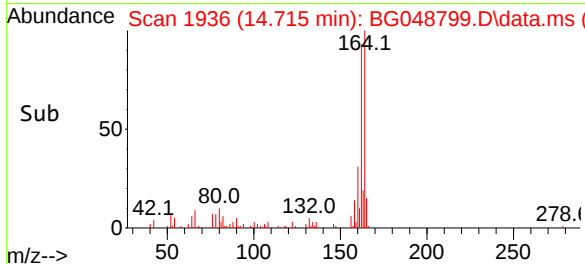
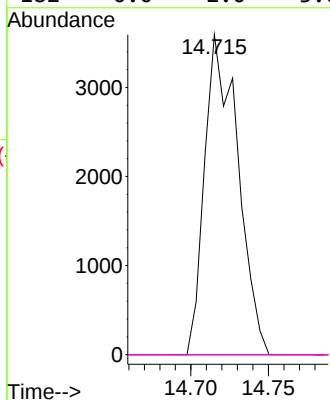
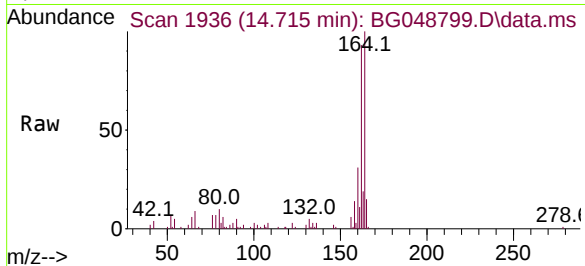




#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.367 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

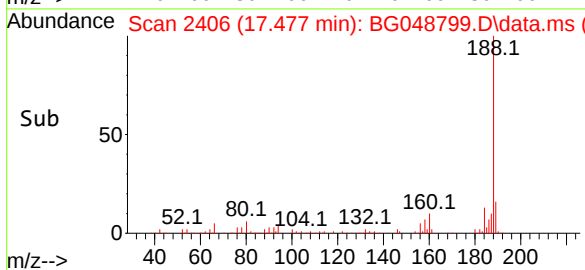
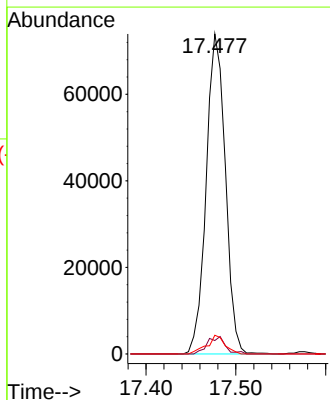
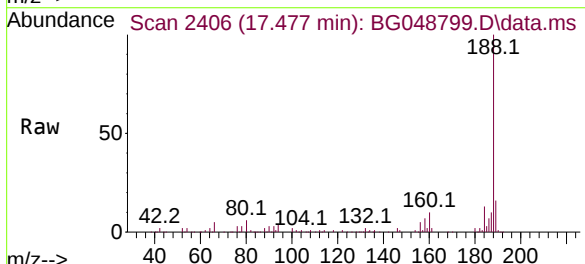
Instrument :
BNA_G
ClientSampleId :
TP-4-S

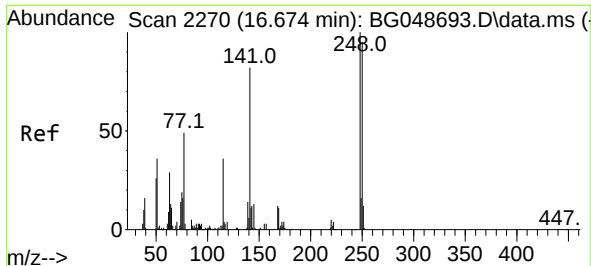
Tgt Ion:	165	Resp:	5336
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:	188	Resp:	109617
Ion Ratio	Lower	Upper	
188	100		
94	4.2	5.4	8.0#
80	5.8	3.7	5.5#

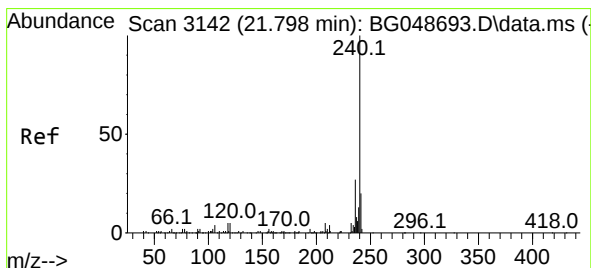
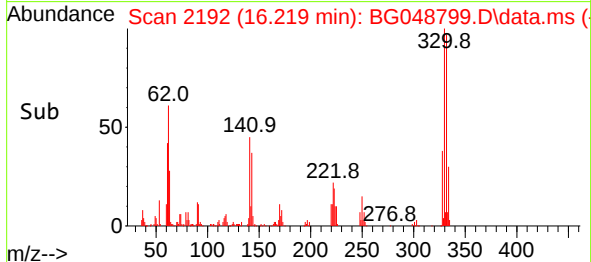
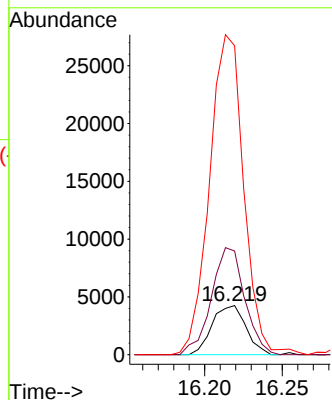
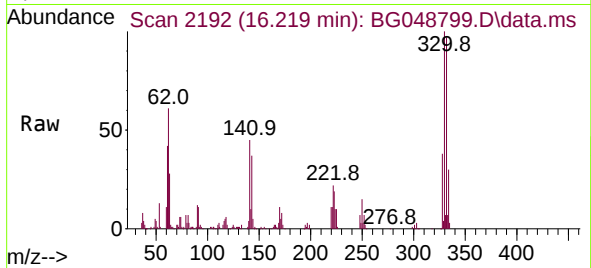




#67
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 16.219 min Scan# 2192
Delta R.T. -0.444 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

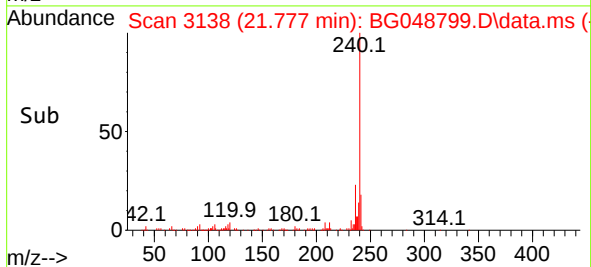
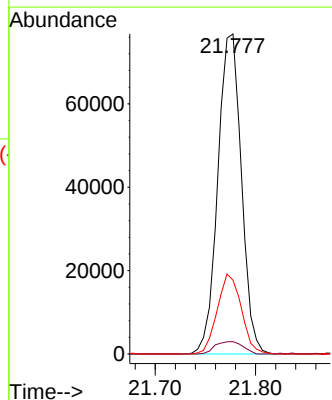
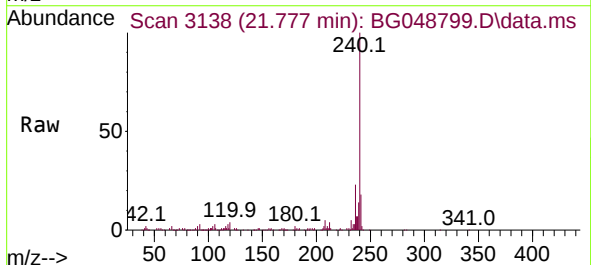
Instrument :
BNA_G
ClientSampleId :
TP-4-S

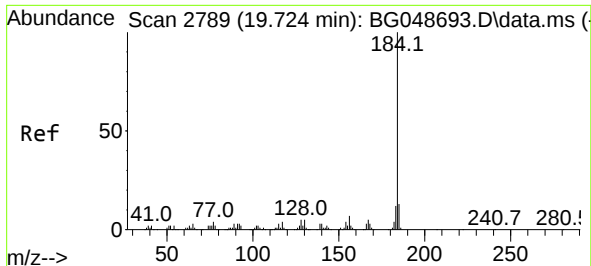
Tgt Ion:248 Resp: 6442
Ion Ratio Lower Upper
248 100
250 210.7 76.1 114.1#
141 628.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.777 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Tgt Ion:240 Resp: 124963
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 23.1 21.8 32.6

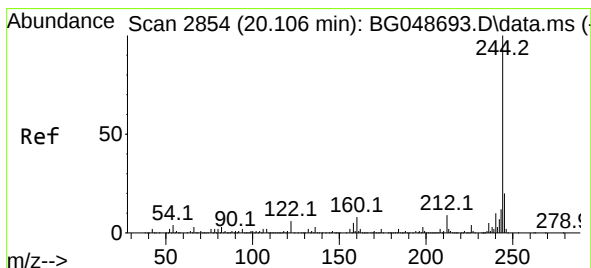
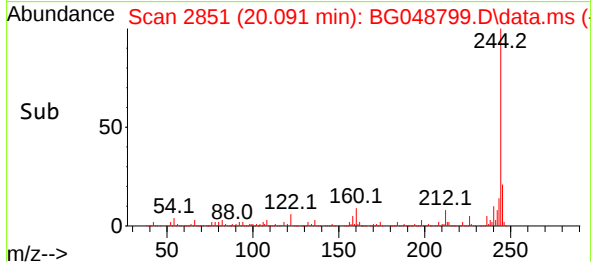
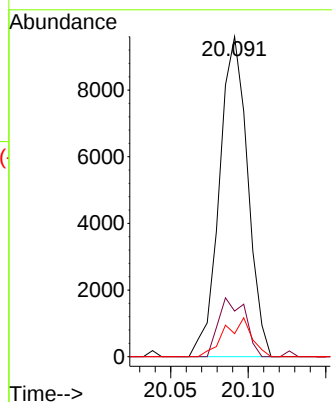
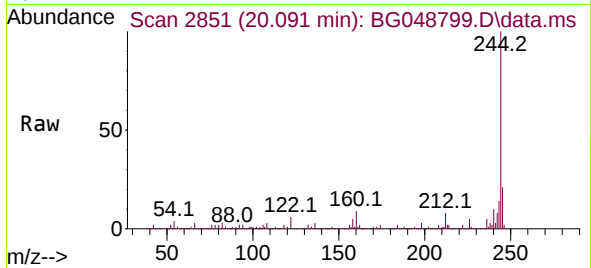




#77
Benzidine
Concen: 3.59 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

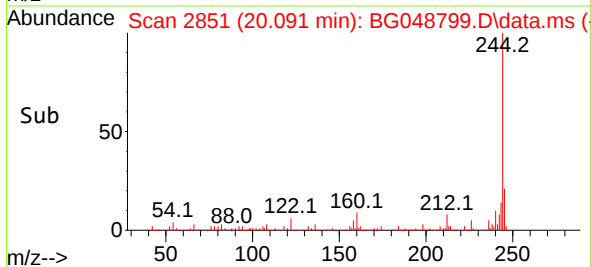
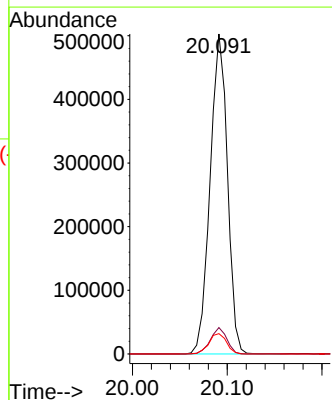
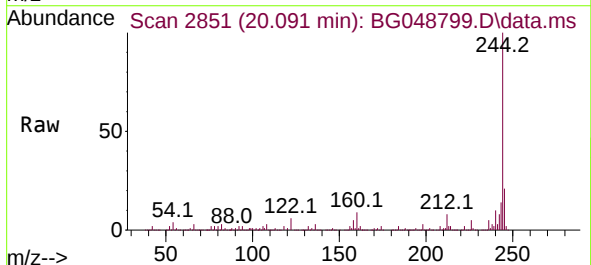
Instrument :
BNA_G
ClientSampled :
TP-4-S

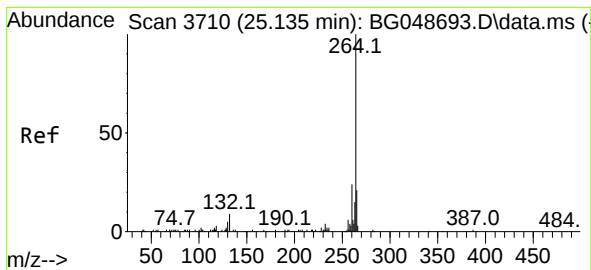
Tgt Ion:184 Resp: 12167
Ion Ratio Lower Upper
184 100
185 14.3 10.7 16.1
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.57 ng
RT: 20.091 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

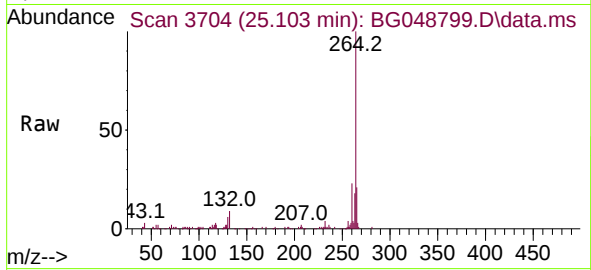
Tgt Ion:244 Resp: 635803
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.3 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.103 min Scan# 3704
Delta R.T. -0.009 min
Lab File: BG048799.D
Acq: 20 Apr 2021 18:08

Instrument :
BNA_G
ClientSampleId :
TP-4-S



Tgt Ion:264 Resp: 123702

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	16.9	25.3

