

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048790.D
 Acq On : 20 Apr 2021 9:06
 Operator : CG/JU
 Sample : M2076-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Apr 20 09:44:43 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)

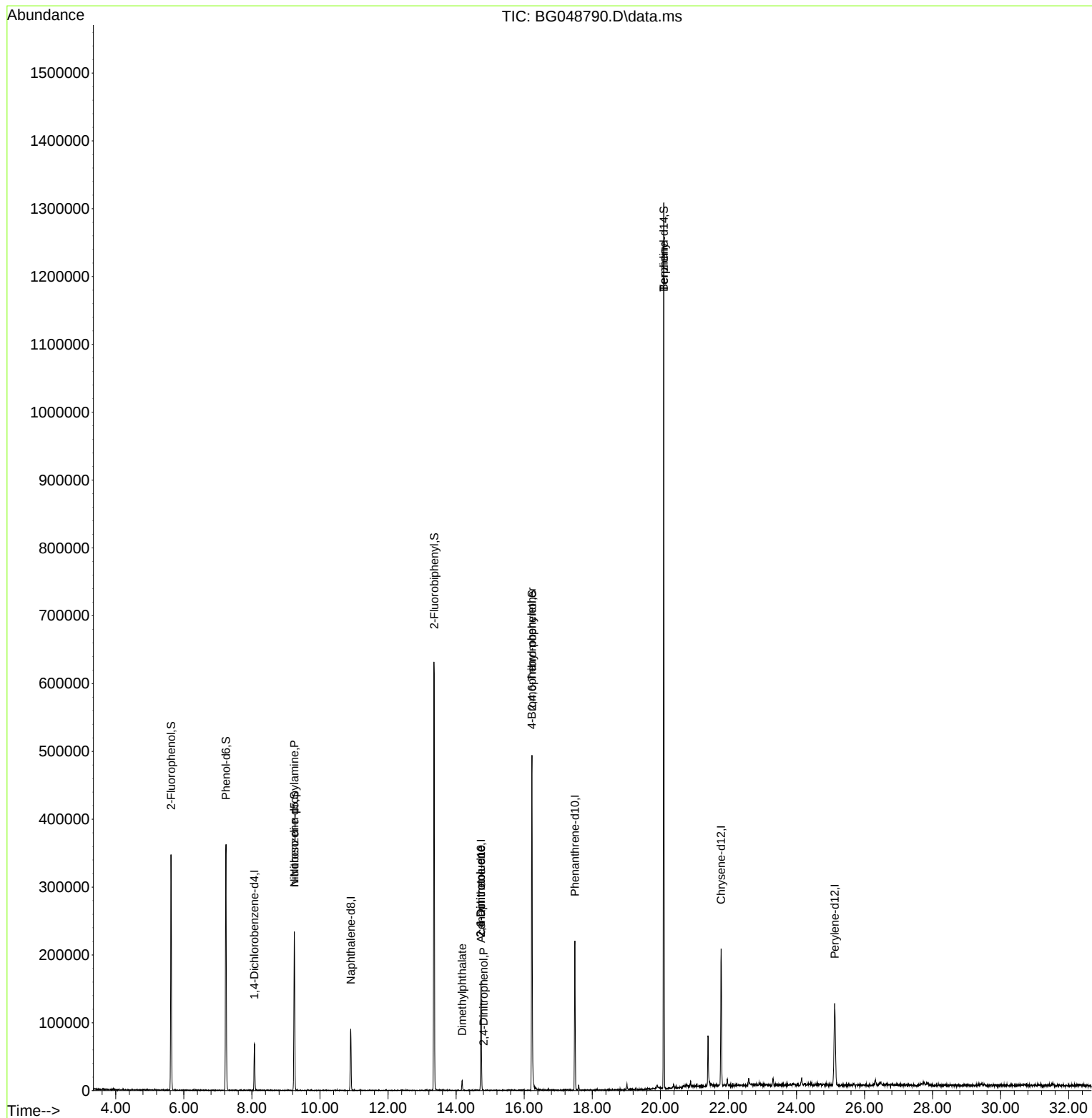
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	17000	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	74789	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	56512	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	136202	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	129184	20.00	ng	#-0.01
86) Perylene-d12	25.123	264	126841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	133857	131.69	ng	0.00
7) Phenol-d6	7.239	99	177249	123.28	ng	0.00
23) Nitrobenzene-d5	9.248	82	131012	78.43	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	83556	110.27	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	314571	80.39	ng	0.00
79) Terphenyl-d14	20.100	244	550634	73.36	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	21019	21.67	ng	# 71
50) Dimethylphthalate	14.177	163	9333	2.20	ng	# 89
51) 2,6-Dinitrotoluene	14.730	165	8956	9.16	ng	# 10
54) 2,4-Dinitrophenol	14.806	184	65	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.730	165	8956	6.31	ng	# 15
67) 4-Bromophenyl-phenylether	16.222	248	7142	4.56	ng	# 1
77) Benzidine	20.100	184	11287	3.22	ng	# 90

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

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SB-15-9.5-10.0

Quant Time: Apr 20 09:44:43 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

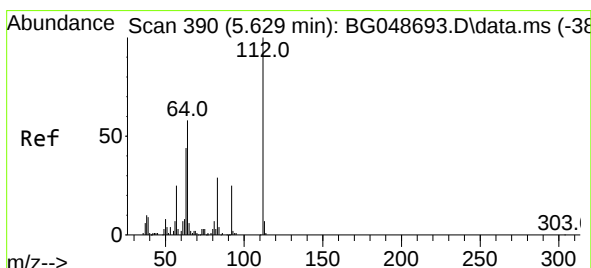
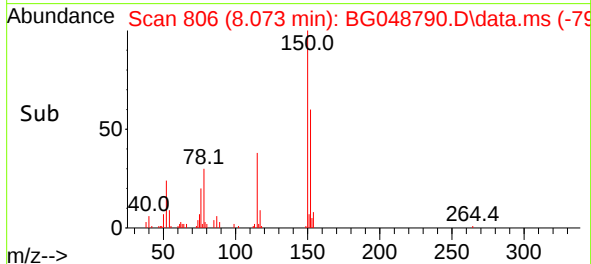
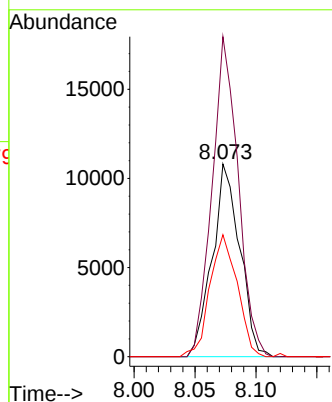
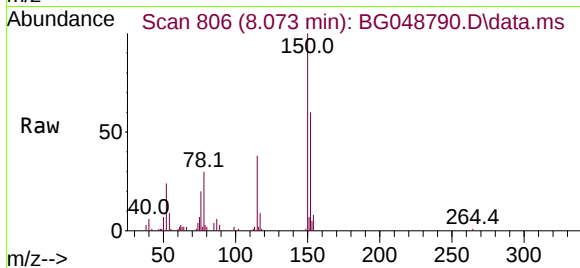




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

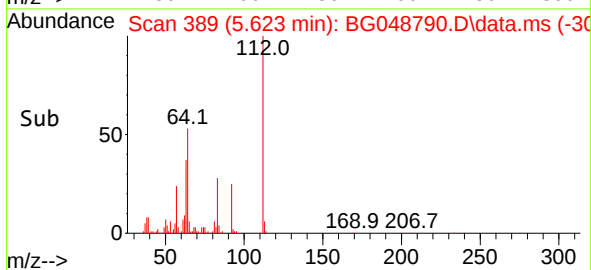
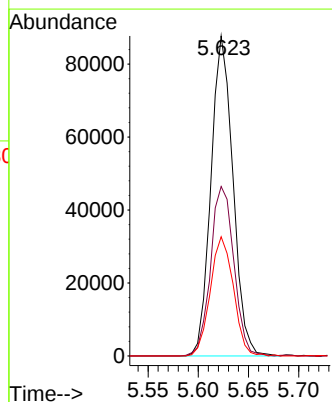
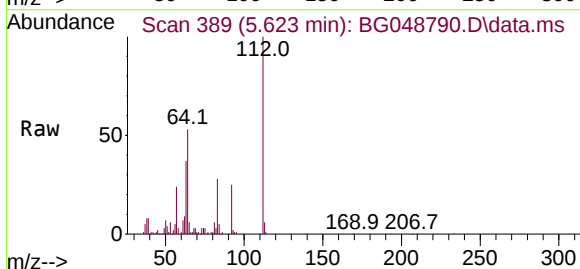
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

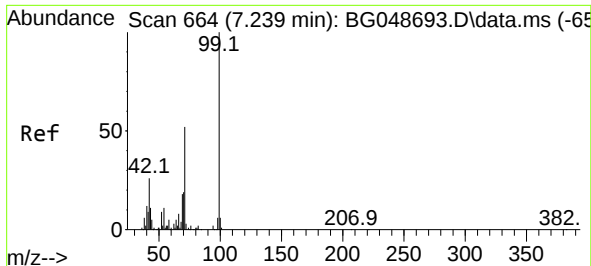
Tgt Ion:152 Resp: 17000
Ion Ratio Lower Upper
152 100
150 166.1 119.4 179.0
115 63.3 60.2 90.4



#5
2-Fluorophenol
Concen: 131.69 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:112 Resp: 133857
Ion Ratio Lower Upper
112 100
64 52.9 46.7 70.1
63 37.2 35.3 52.9

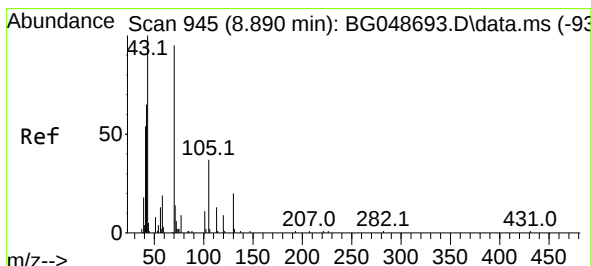
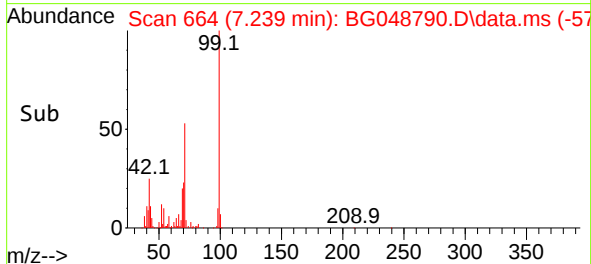
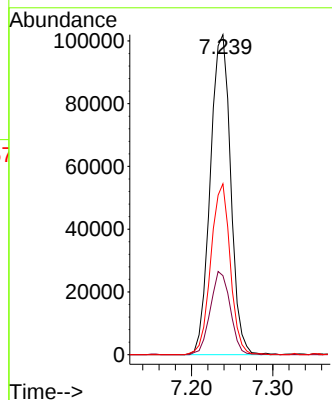
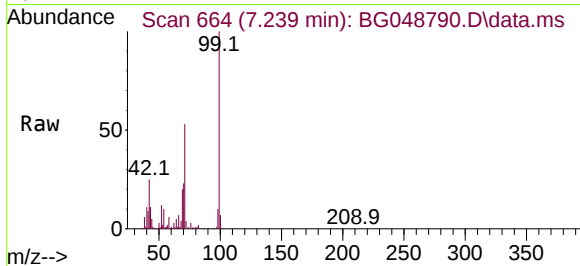




#7
Phenol-d6
Concen: 123.28 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

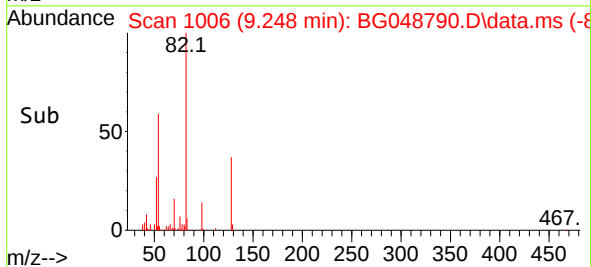
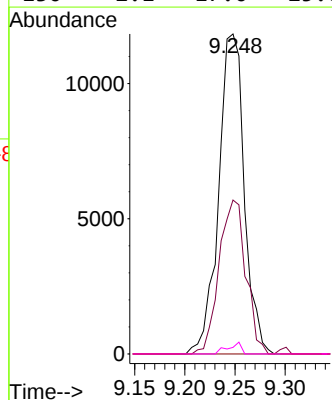
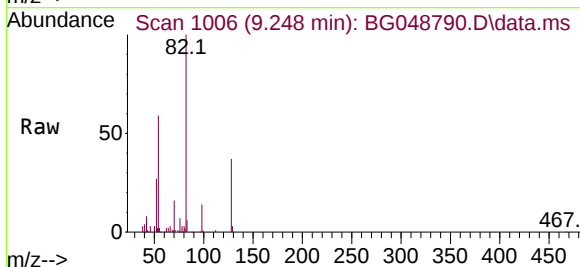
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

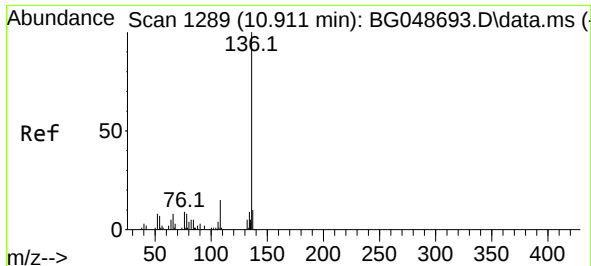
Tgt Ion: 99 Resp: 177249
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 53.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.67 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion: 70 Resp: 21019
Ion Ratio Lower Upper
70 100
42 48.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

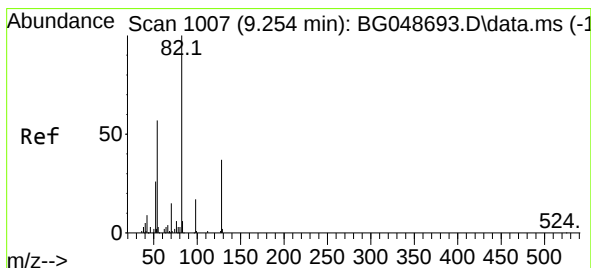
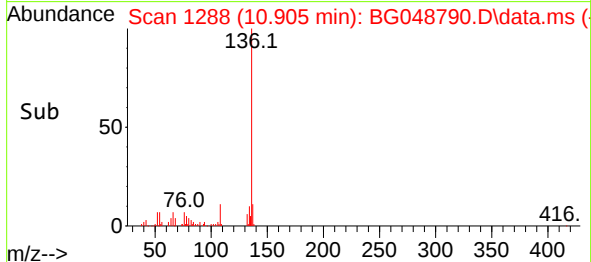
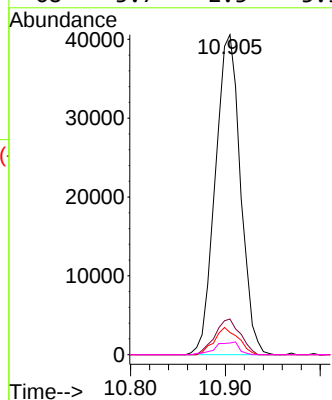
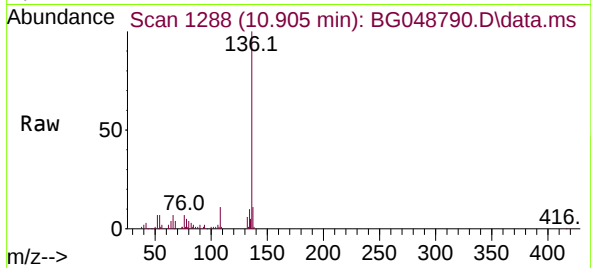




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

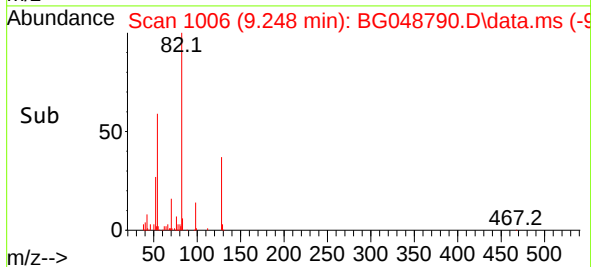
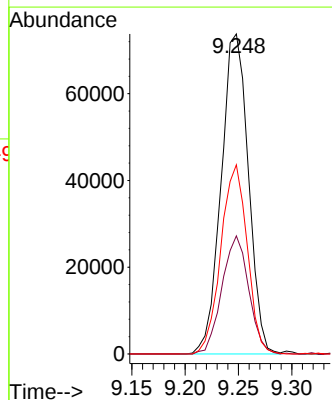
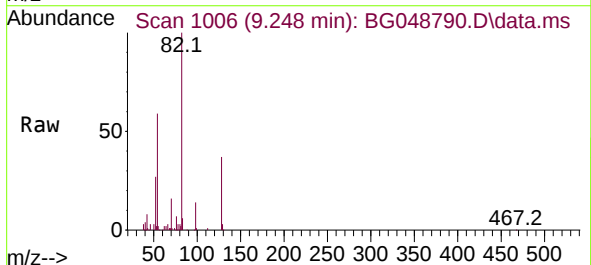
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

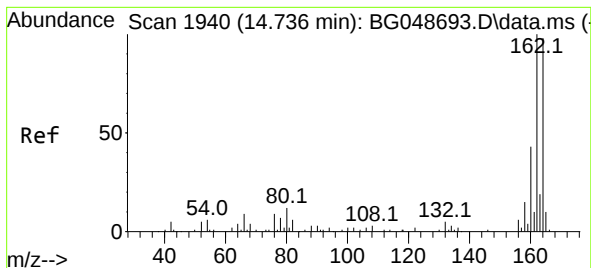
Tgt Ion:	136	Resp:	74789
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	7.0	5.5	8.3
68	3.7	2.3	3.5



#23
Nitrobenzene-d5
Concen: 78.43 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:	82	Resp:	131012
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.8	44.6
54	59.1	45.8	68.8

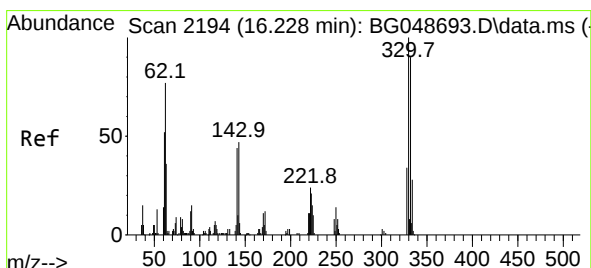
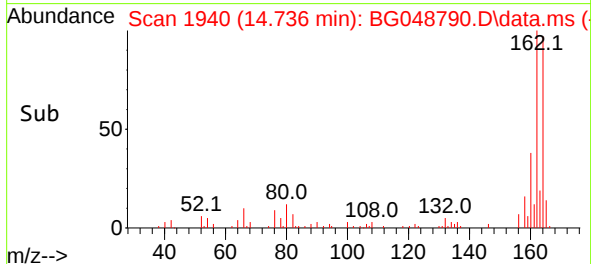
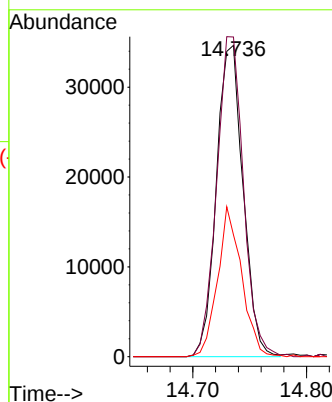
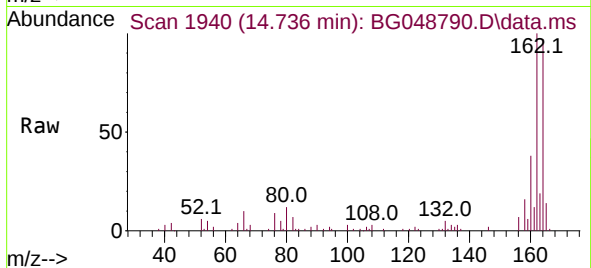




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

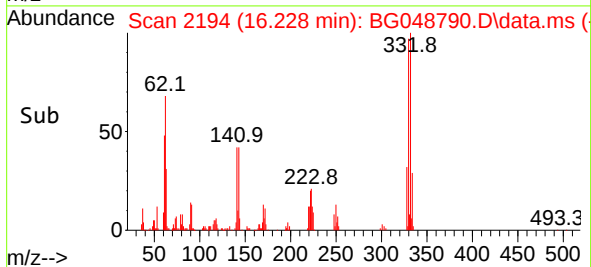
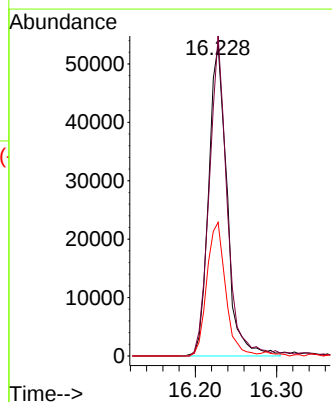
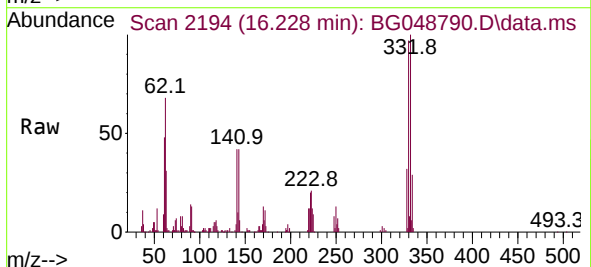
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

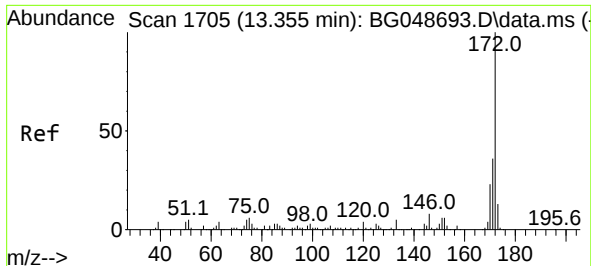
Tgt Ion:	164	Resp:	56512
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	39.1	34.9	52.3



#42
2,4,6-Tribromophenol
Concen: 110.27 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:	330	Resp:	83556
Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.3	115.9
141	43.6	35.6	53.4

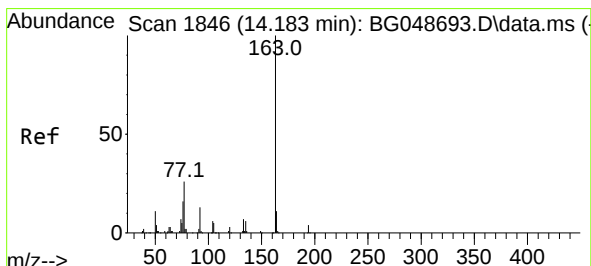
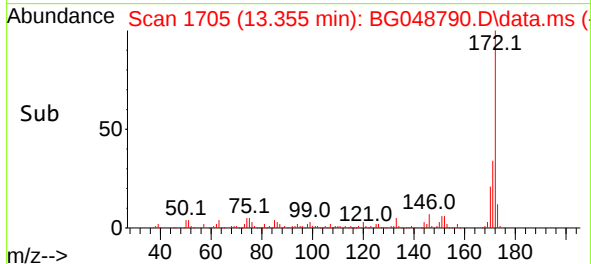
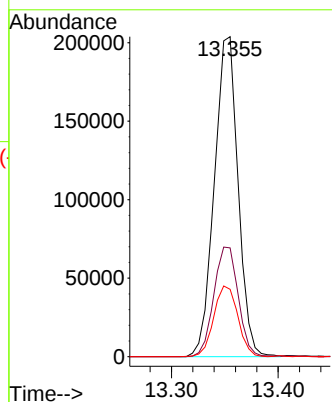
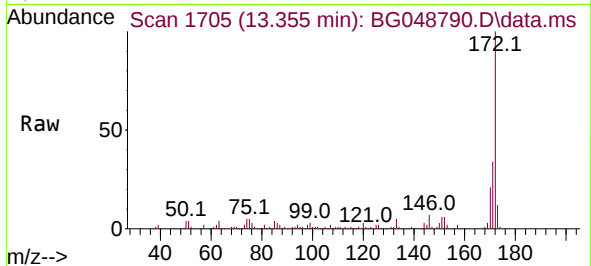




#45
2-Fluorobiphenyl
Concen: 80.39 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

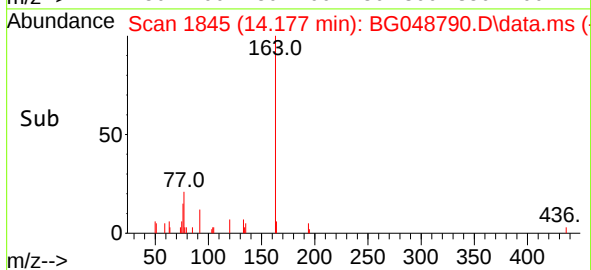
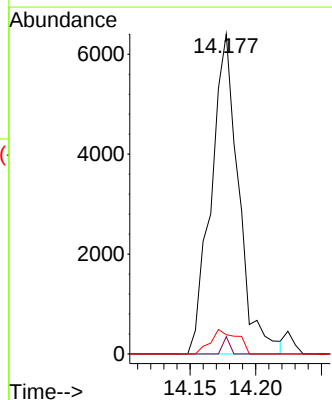
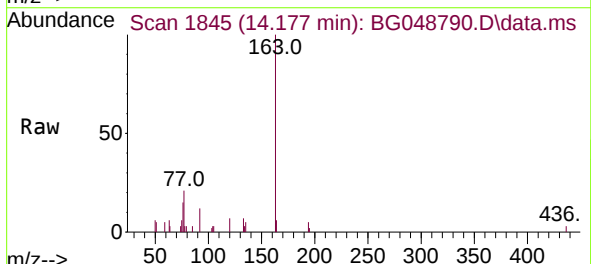
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

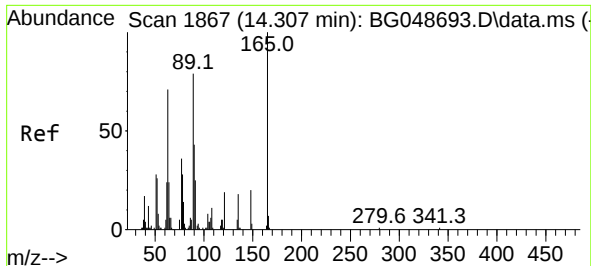
Tgt Ion:172 Resp: 314571
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 21.0 18.6 27.8



#50
Dimethylphthalate
Concen: 2.20 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:163 Resp: 9333
Ion Ratio Lower Upper
163 100
194 5.4 3.0 4.6#
164 6.0 8.6 12.8#

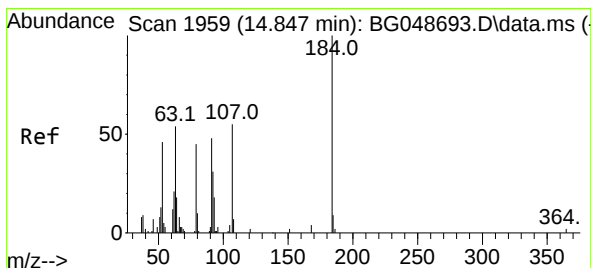
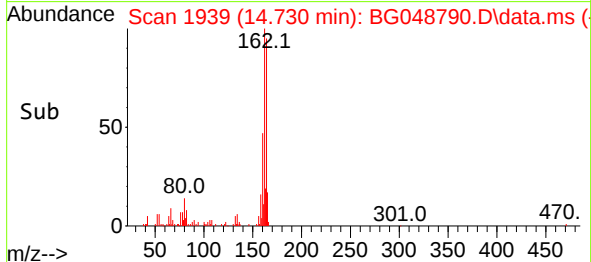
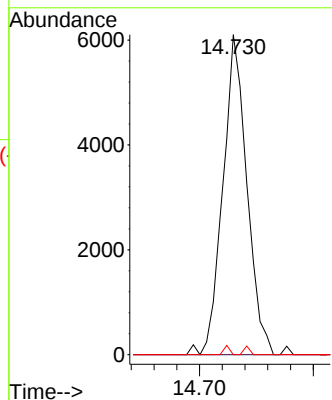
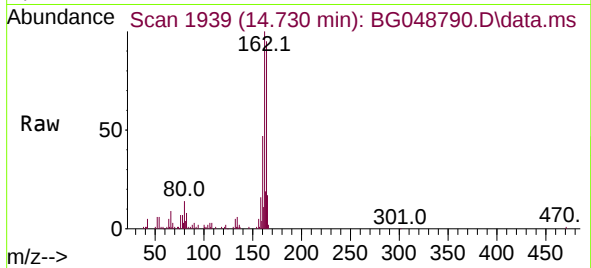




#51
2,6-Dinitrotoluene
Concen: 9.16 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

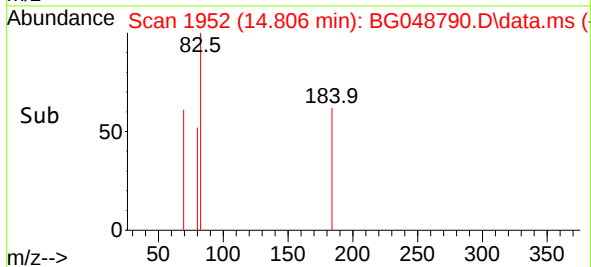
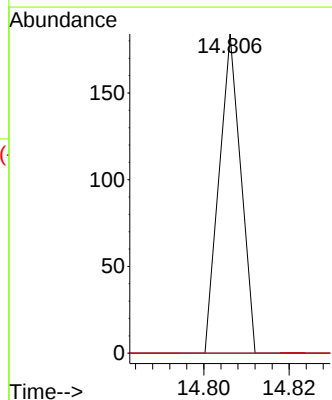
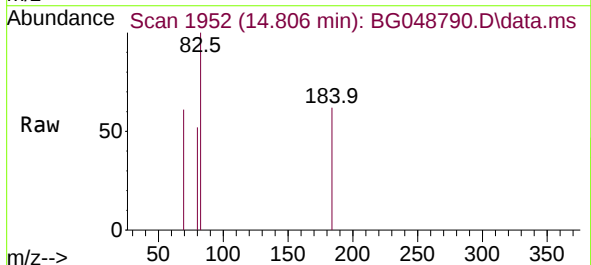
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SB-15-9.5-10.0

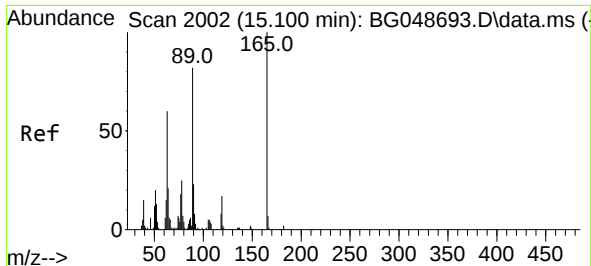
Tgt Ion:165 Resp: 8956
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.806 min Scan# 1952
Delta R.T. -0.048 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

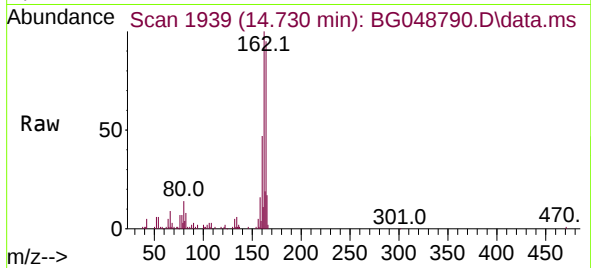
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



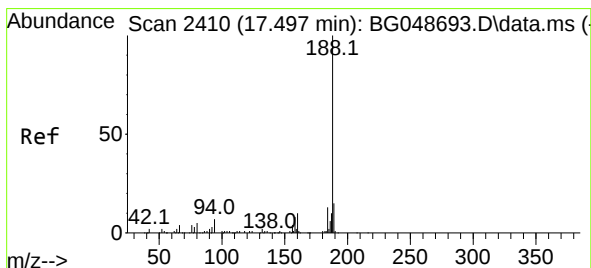
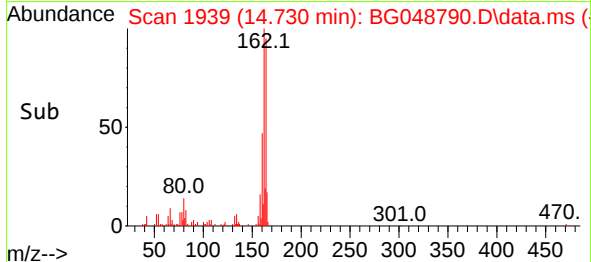
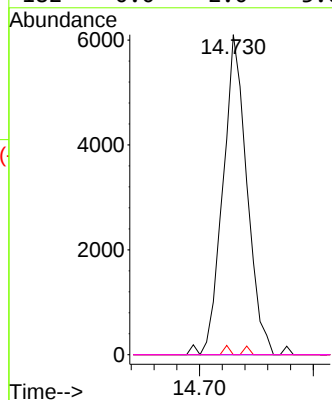


#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

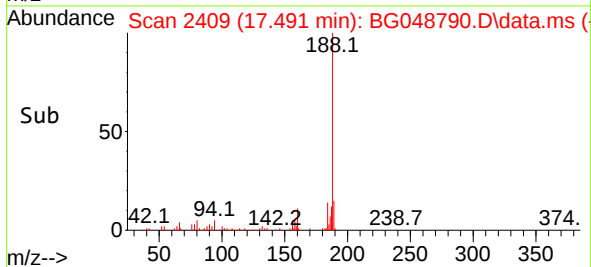
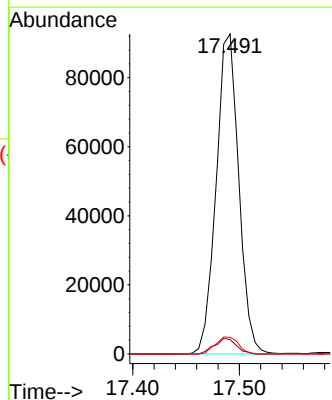
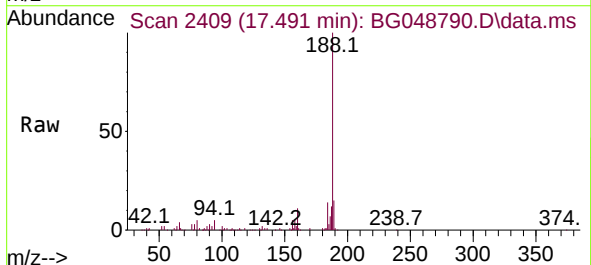


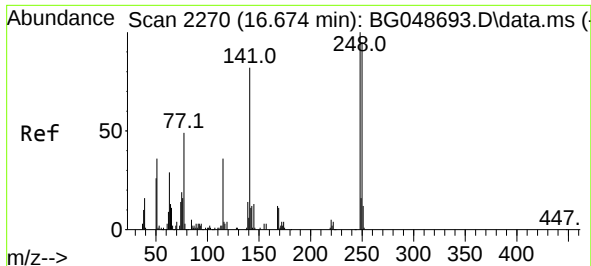
Tgt Ion:165 Resp: 8956
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:188 Resp: 136202
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.2 3.7 5.5

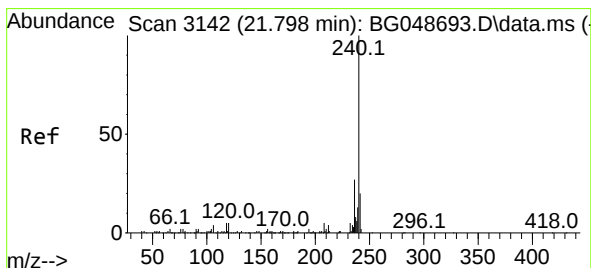
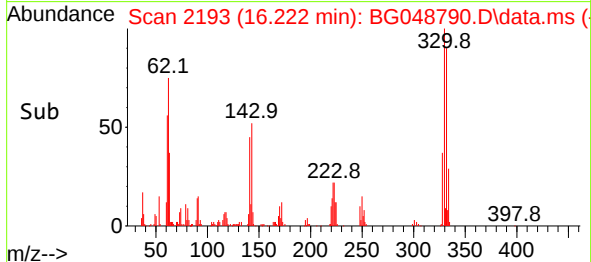
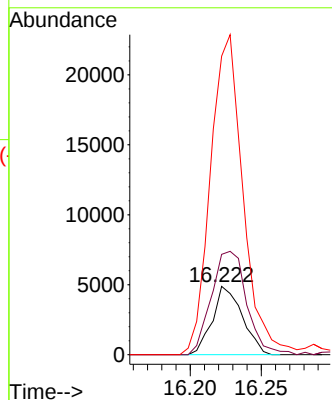
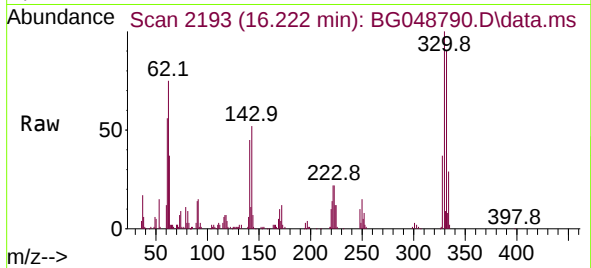




#67
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 16.222 min Scan# 2193
Delta R.T. -0.454 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

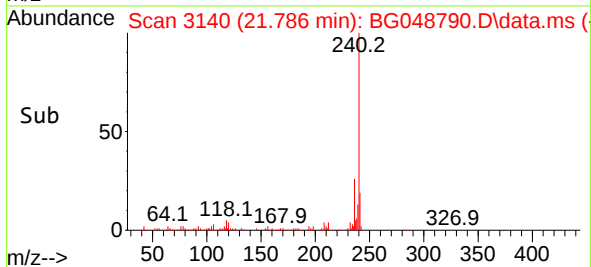
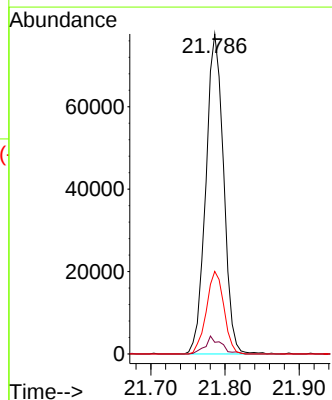
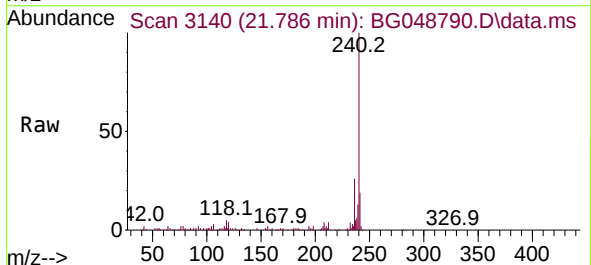
Instrument :
BNA_G
ClientSampled :
SB-15-9.5-10.0

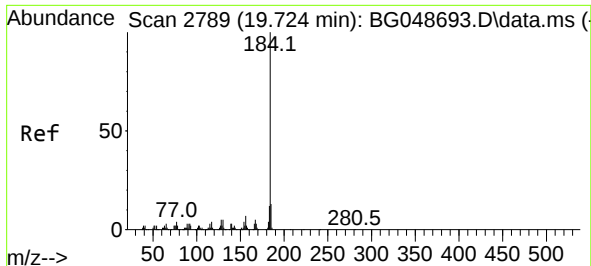
Tgt Ion:248 Resp: 7142
Ion Ratio Lower Upper
248 100
250 110.4 76.1 114.1
141 328.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:240 Resp: 129184
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.2#
236 25.8 21.8 32.6

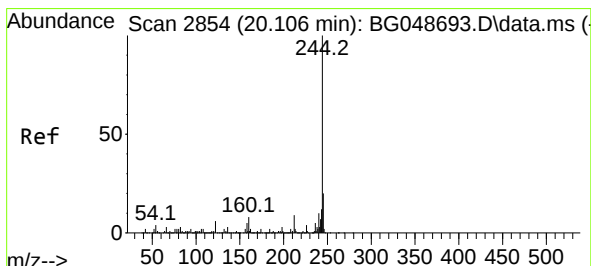
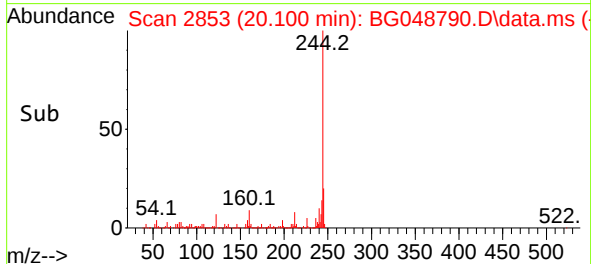
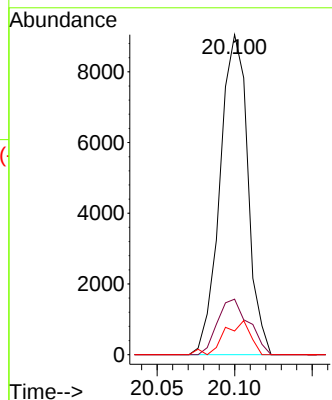
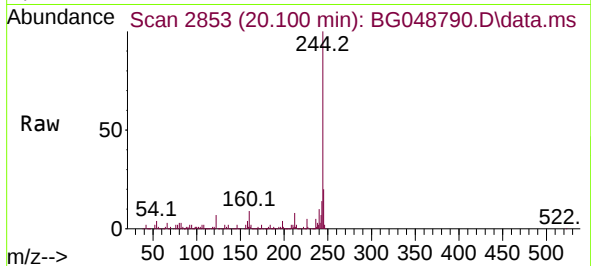




#77
Benzidine
Concen: 3.22 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

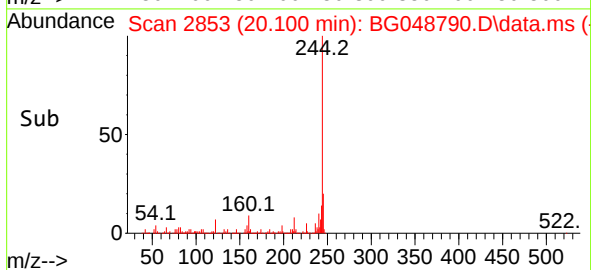
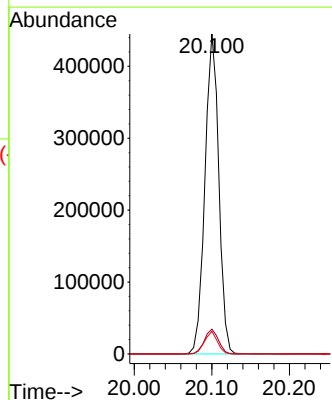
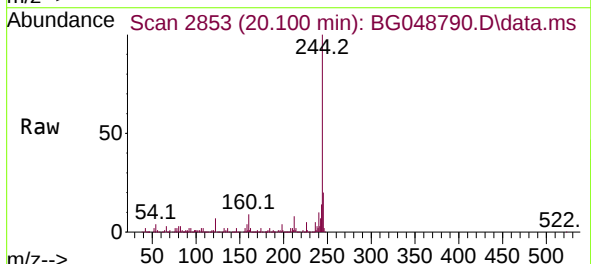
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

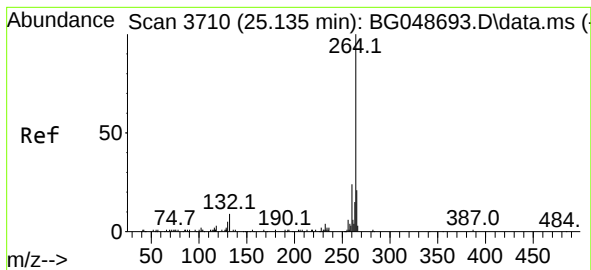
Tgt Ion:184 Resp: 11287
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.36 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048790.D
Acq: 20 Apr 2021 9:06

Tgt Ion:244 Resp: 550634
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 7.1 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: BG048790.D
 Acq: 20 Apr 2021 9:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-9.5-10.0

Tgt Ion:264 Resp: 126841
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 20.9 16.9 25.3

