

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048802.D
 Acq On : 20 Apr 2021 20:11
 Operator : CG/JU
 Sample : M2076-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-0-2.0

Quant Time: Apr 21 04:32:53 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)

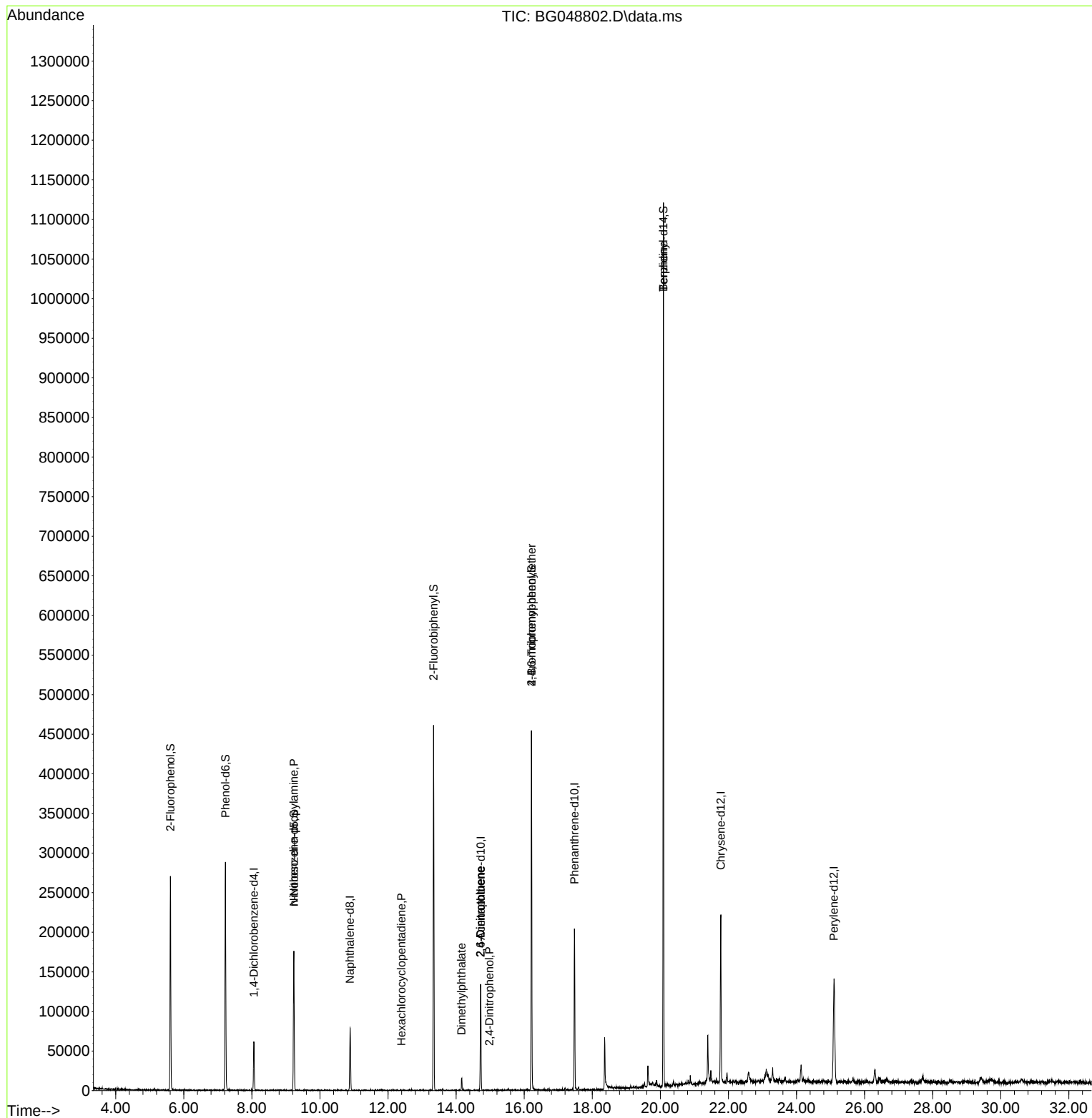
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	15137	20.00	ng	0.00
21) Naphthalene-d8	10.884	136	64623	20.00	ng	0.00
39) Acenaphthene-d10	14.721	164	47808	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	128640	20.00	ng	# 0.00
76) Chrysene-d12	21.777	240	128539	20.00	ng	0.00
86) Perylene-d12	25.097	264	134668	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	100740	111.31	ng	0.00
7) Phenol-d6	7.224	99	134438	105.02	ng	0.00
23) Nitrobenzene-d5	9.233	82	99277	68.78	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	70886	110.59	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	226041	68.28	ng	0.00
79) Terphenyl-d14	20.091	244	467722	62.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	15780	18.27	ng	# 72
41) Hexachlorocyclopentadiene	12.394	237	63	5.93	ng	# 31
50) Dimethylphthalate	14.157	163	8980	2.50	ng	# 90
51) 2,6-Dinitrotoluene	14.715	165	6459	7.81	ng	# 10
54) 2,4-Dinitrophenol	14.979	184	102	5.47	ng	# 8
57) 2,4-Dinitrotoluene	14.715	165	6459	5.38	ng	# 15
67) 4-Bromophenyl-phenylether	16.213	248	5434	3.67	ng	# 1
77) Benzidine	20.091	184	8812	2.52	ng	97

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

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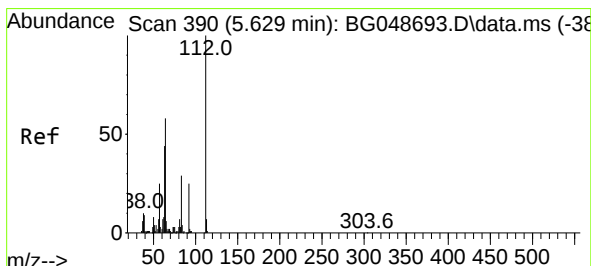
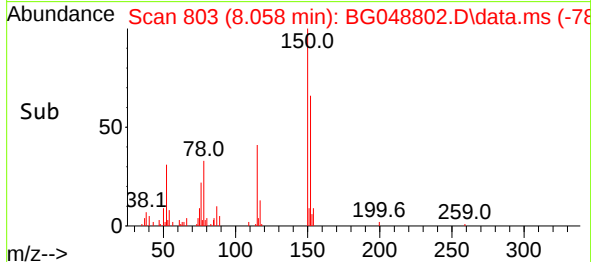
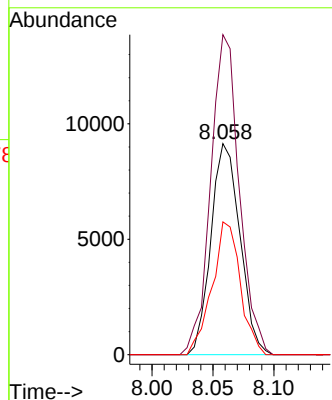
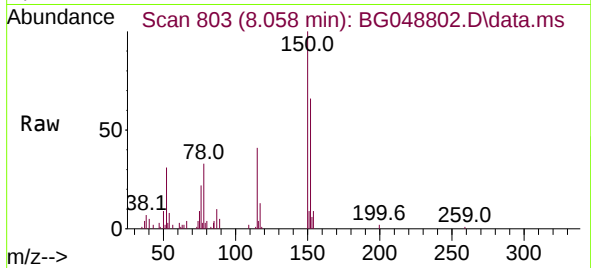




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.058 min Scan# 803
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

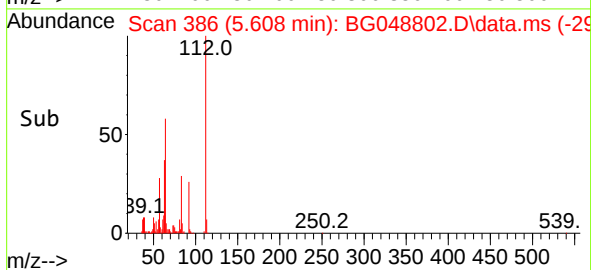
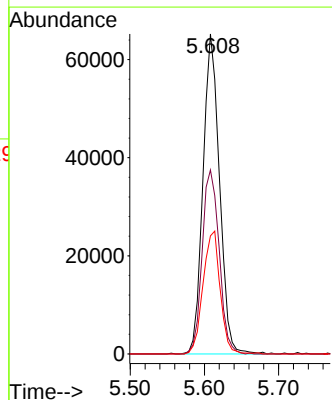
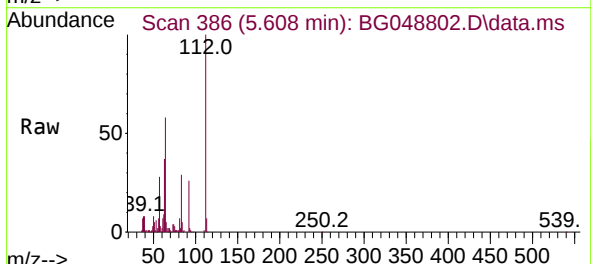
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

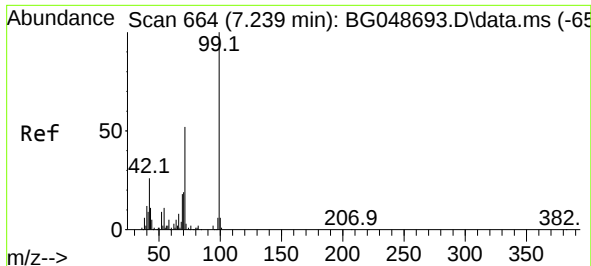
Tgt Ion:152 Resp: 15137
Ion Ratio Lower Upper
152 100
150 151.7 119.4 179.0
115 62.9 60.2 90.4



#5
2-Fluorophenol
Concen: 111.31 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:112 Resp: 100740
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 36.9 35.3 52.9

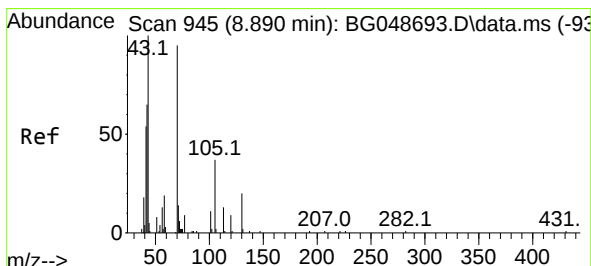
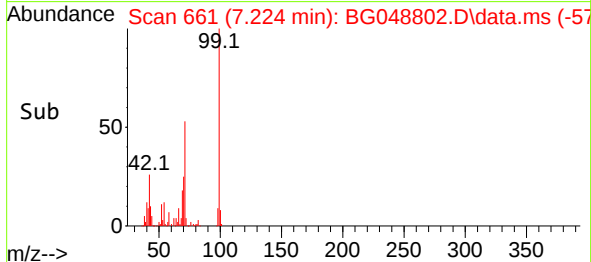
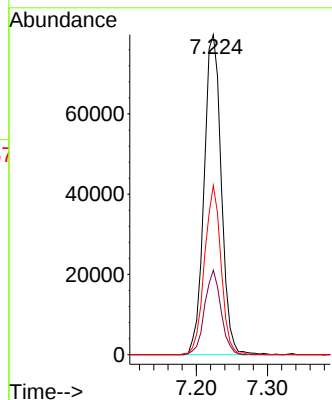
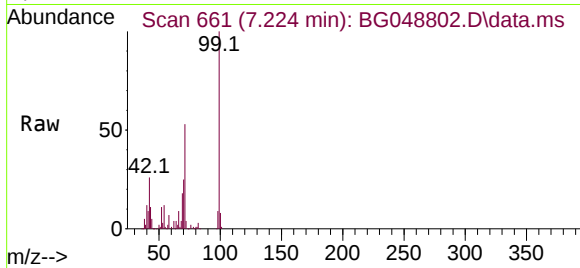




#7
Phenol-d6
Concen: 105.02 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

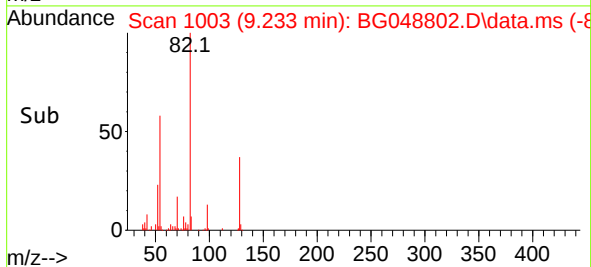
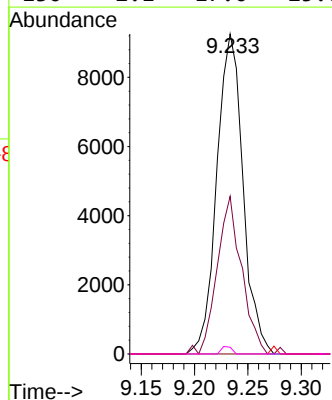
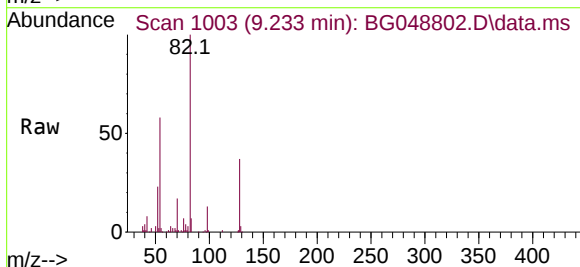
Instrument :
BNA_G
ClientSampled :
SB-15-0-2.0

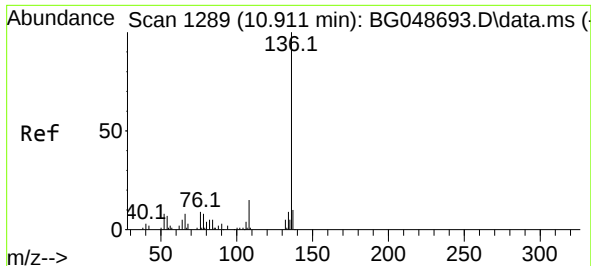
Tgt Ion: 99 Resp: 134438
Ion Ratio Lower Upper
99 100
42 26.4 20.5 30.7
71 52.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.27 ng
RT: 9.233 min Scan# 1003
Delta R.T. 0.361 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion: 70 Resp: 15780
Ion Ratio Lower Upper
70 100
42 49.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

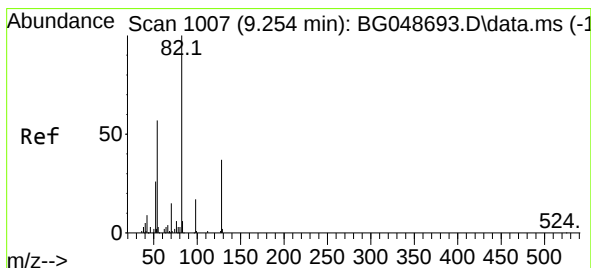
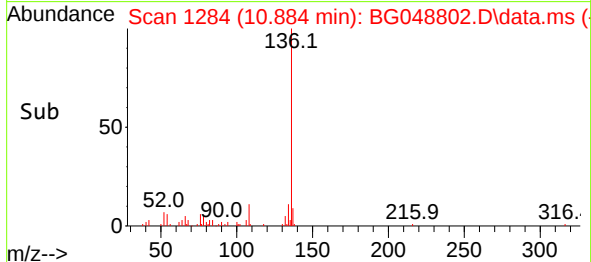
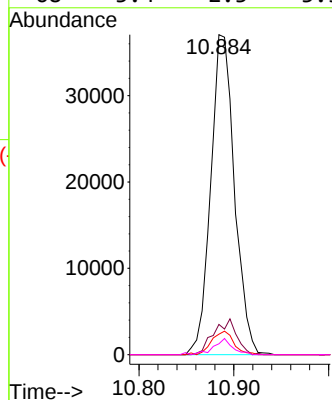
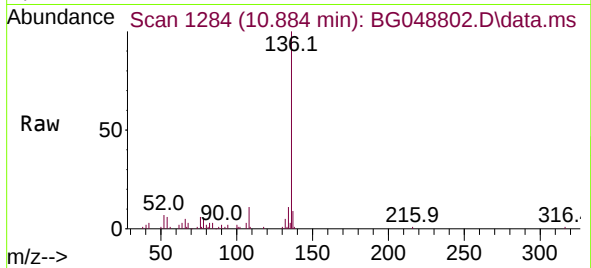




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.884 min Scan# 1284
Delta R.T. -0.009 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

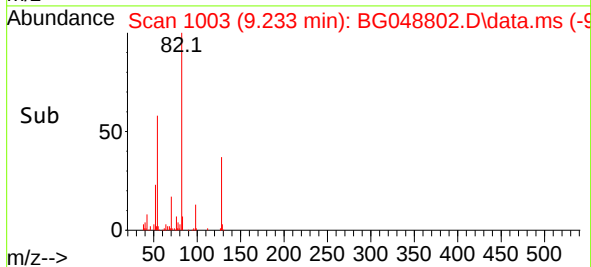
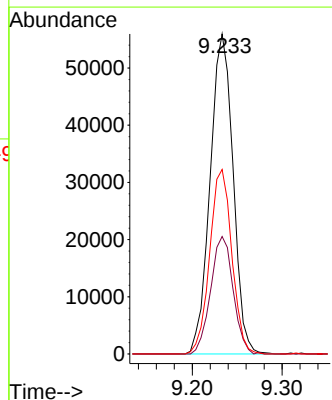
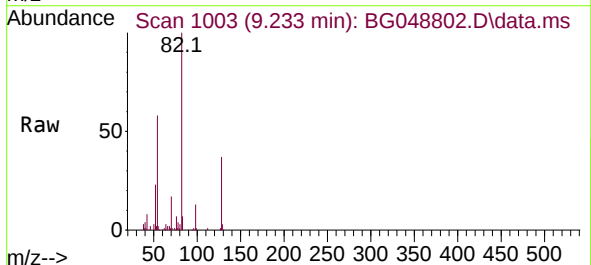
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

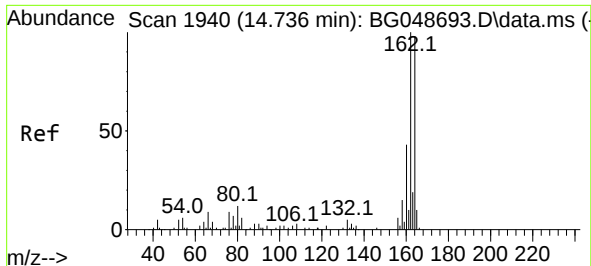
Tgt Ion:	136	Resp:	64623
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.2	12.2
54	6.4	5.5	8.3
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 68.78 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:	82	Resp:	99277
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.8	44.6
54	57.7	45.8	68.8

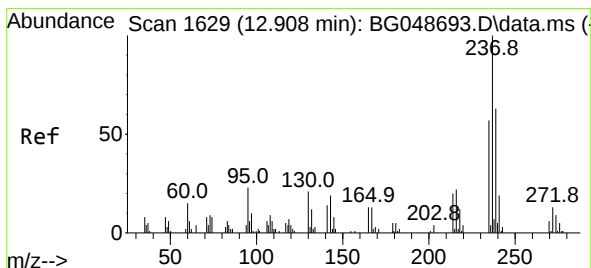
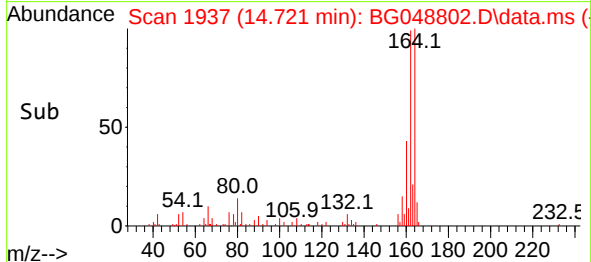
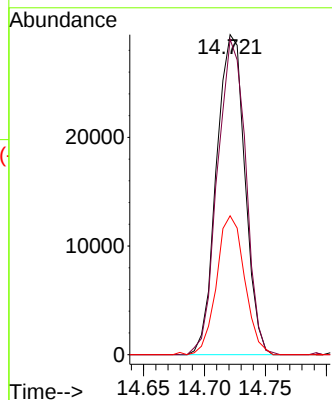
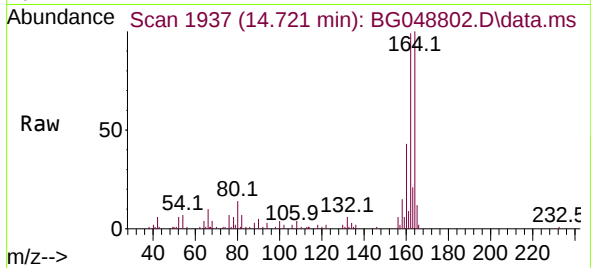




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

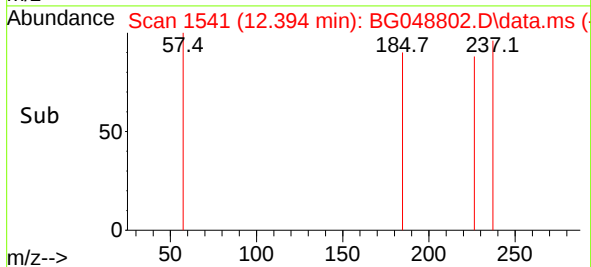
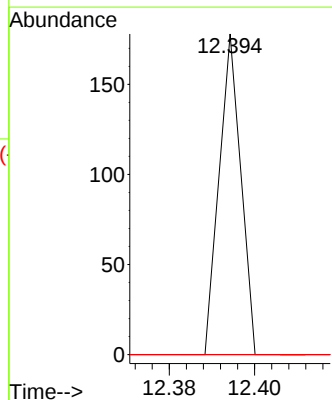
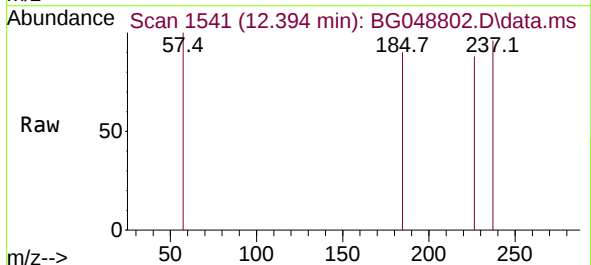
Instrument :
BNA_G
ClientSampleID :
SB-15-0-2.0

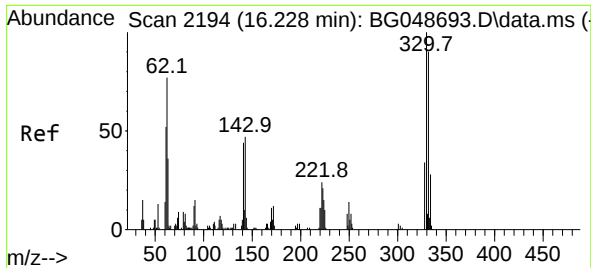
Tgt Ion:164 Resp: 47808
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 43.4 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.394 min Scan# 1541
Delta R.T. -0.497 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:237 Resp: 63
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

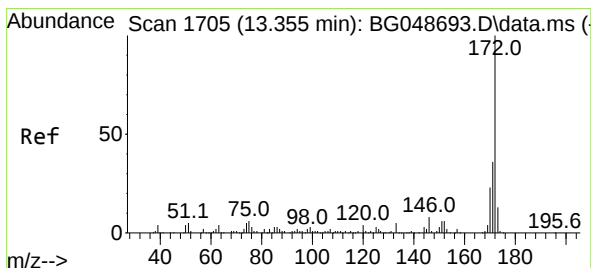
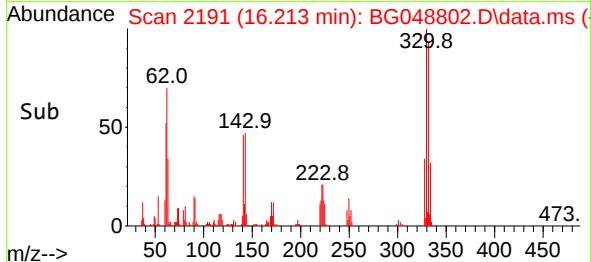
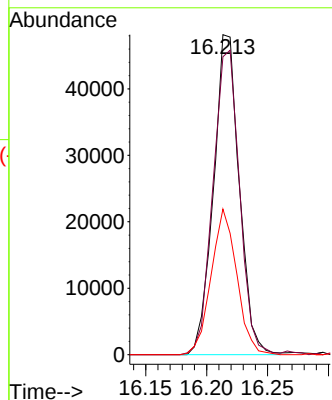
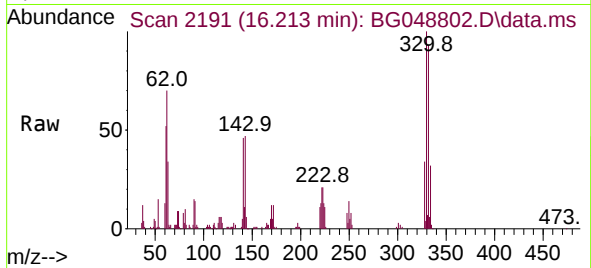




#42
2,4,6-Tribromophenol
Concen: 110.59 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

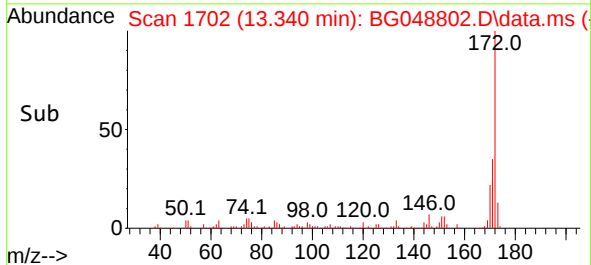
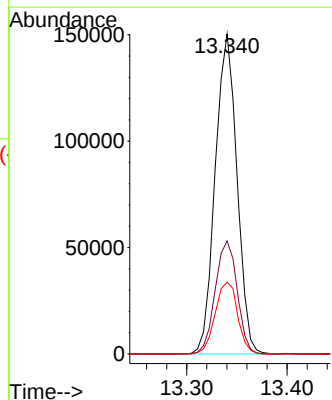
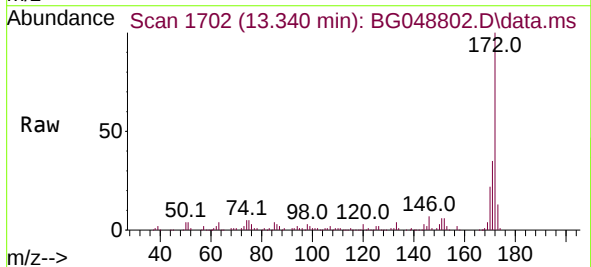
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ClientSampleId :
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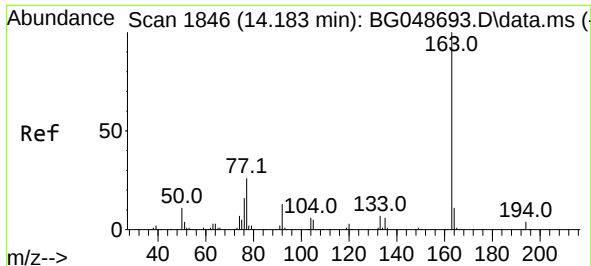
Tgt Ion:	330	Resp:	70886
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.3	115.9
141	45.2	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 68.28 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:	172	Resp:	226041
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	43.0
170	22.4	18.6	27.8

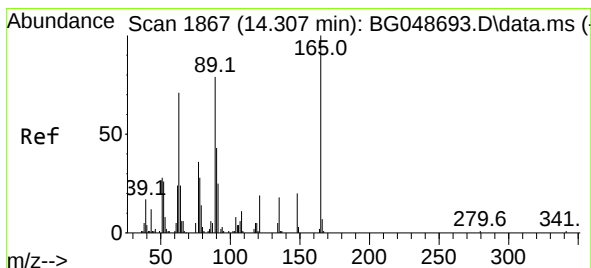
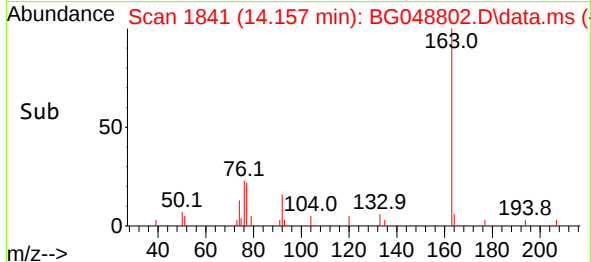
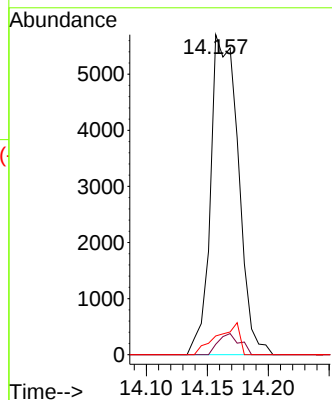
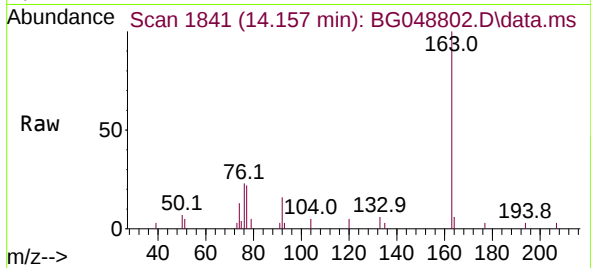




#50
Dimethylphthalate
Concen: 2.50 ng
RT: 14.157 min Scan# 1841
Delta R.T. -0.015 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

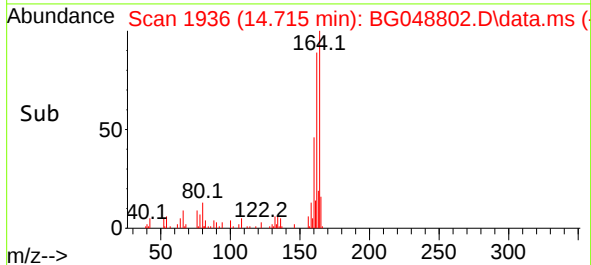
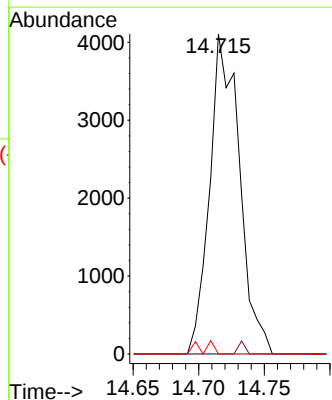
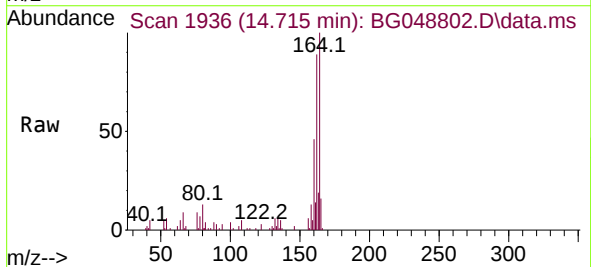
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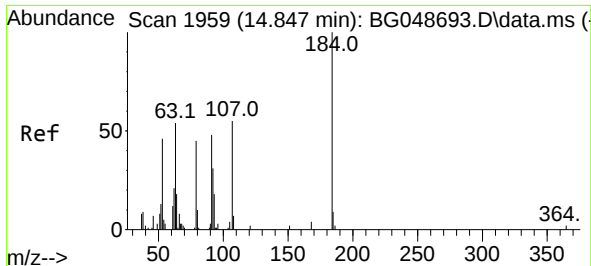
Tgt Ion:163 Resp: 8980
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 5.9 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 14.715 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:165 Resp: 6459
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

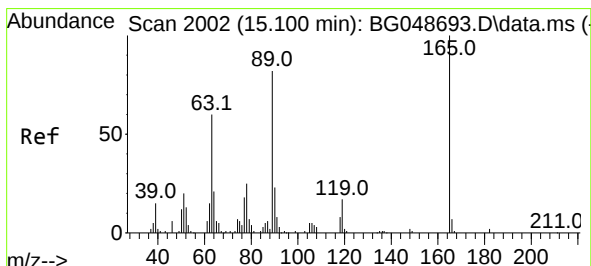
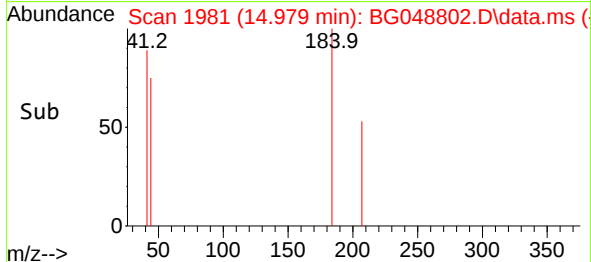
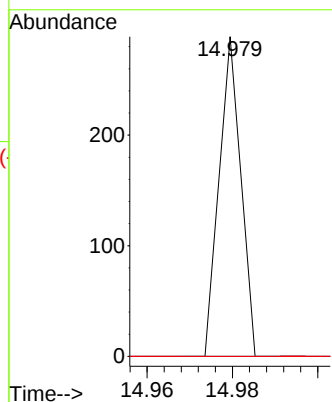
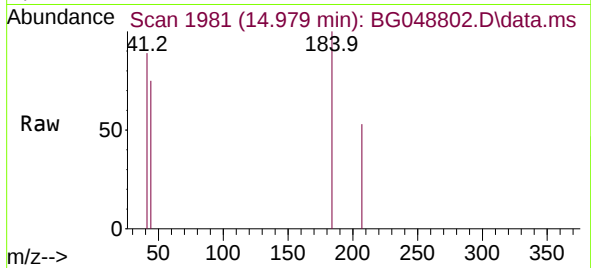




#54
2,4-Dinitrophenol
Concen: 5.47 ng
RT: 14.979 min Scan# 1981
Delta R.T. 0.144 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

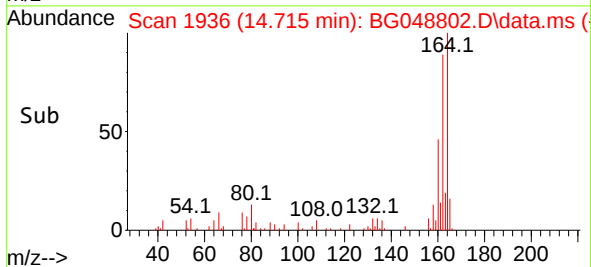
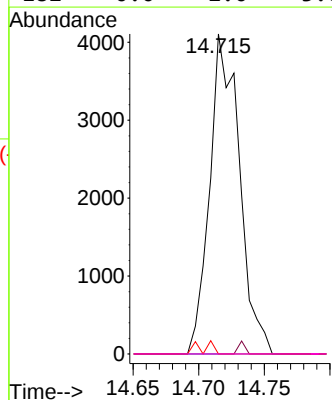
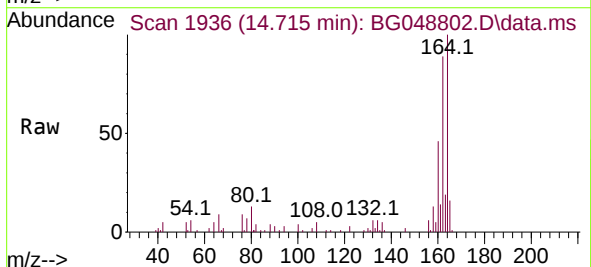
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

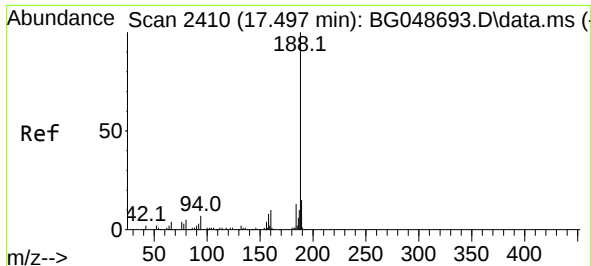
Tgt Ion:184 Resp: 102
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.367 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:165 Resp: 6459
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#

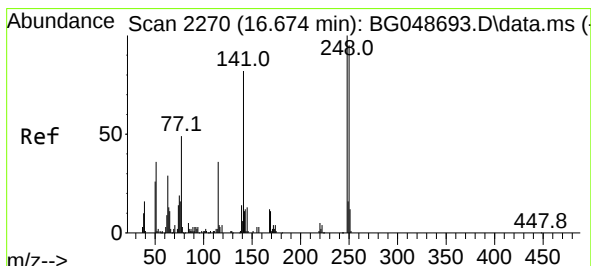
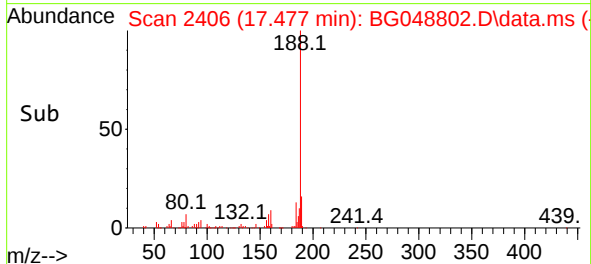
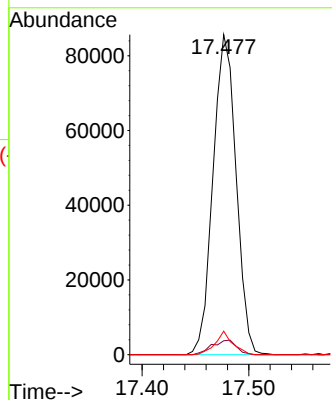
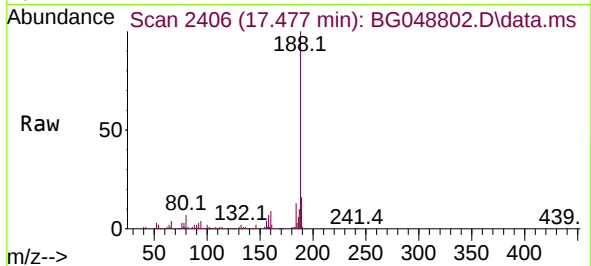




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

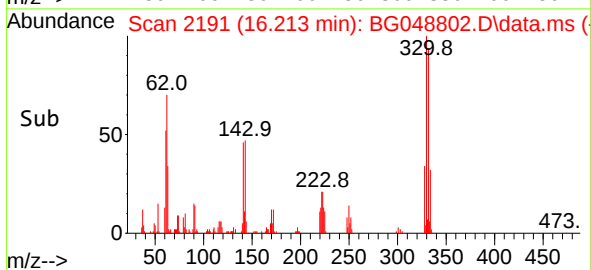
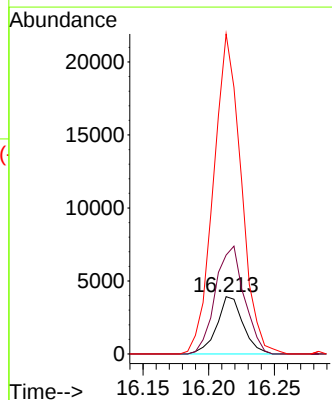
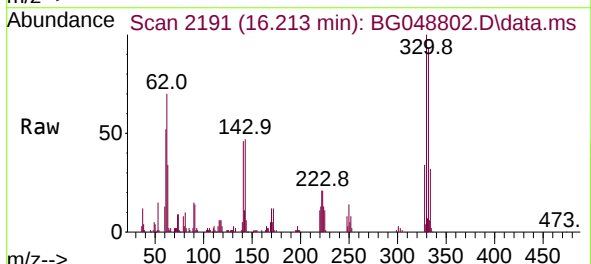
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

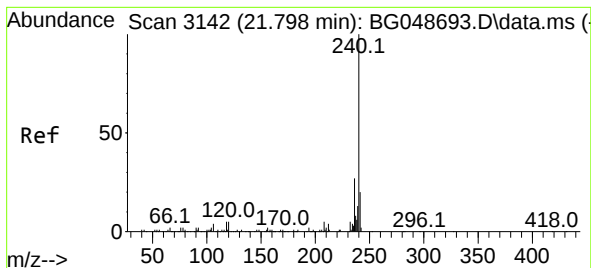
Tgt Ion:188 Resp: 128640
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 7.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:248 Resp: 5434
Ion Ratio Lower Upper
248 100
250 124.6 76.1 114.1#
141 403.3 65.4 98.2#

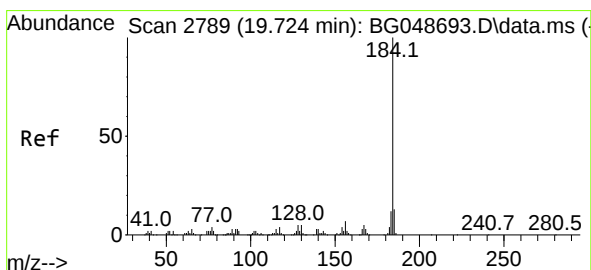
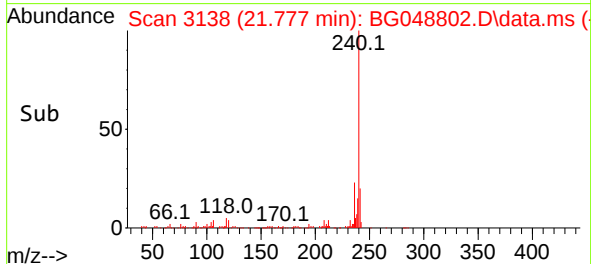
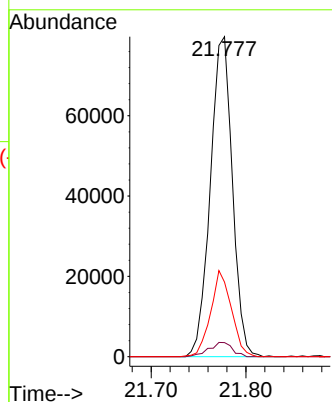
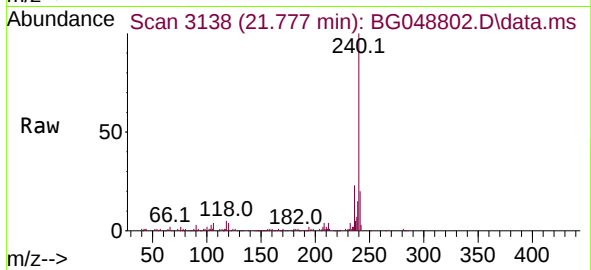




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.777 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

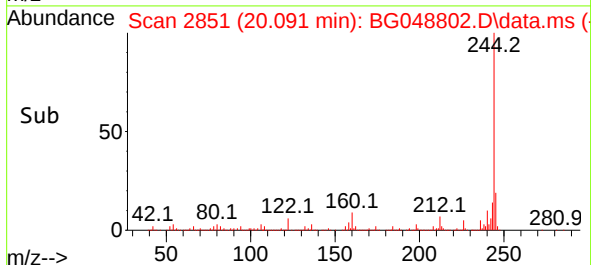
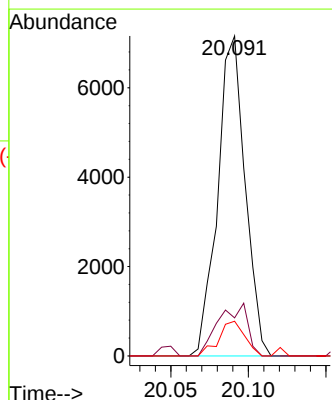
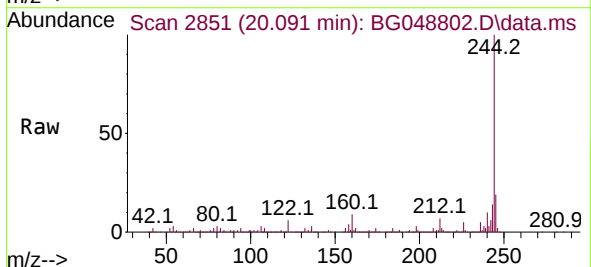
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

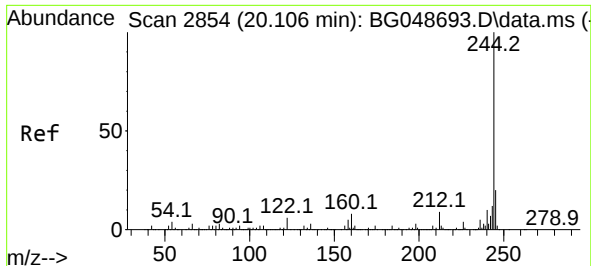
Tgt Ion:240 Resp: 128539
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 23.3 21.8 32.6



#77
Benzidine
Concen: 2.52 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048802.D
Acq: 20 Apr 2021 20:11

Tgt Ion:184 Resp: 8812
Ion Ratio Lower Upper
184 100
185 11.9 10.7 16.1
183 10.9 9.4 14.0

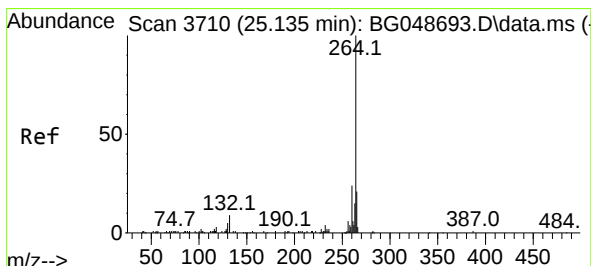
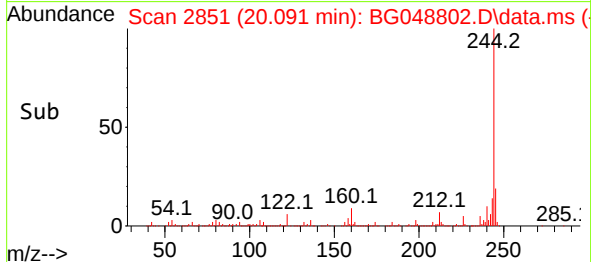
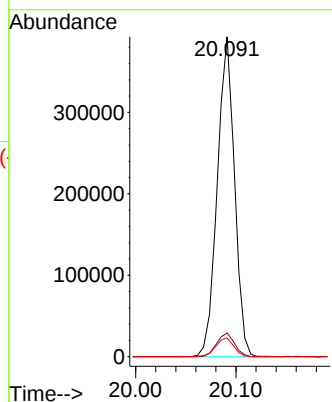
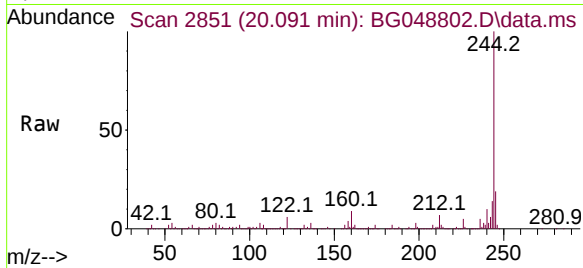




#79
 Terphenyl-d14
 Concen: 62.63 ng
 RT: 20.091 min Scan# 2851
 Delta R.T. -0.003 min
 Lab File: BG048802.D
 Acq: 20 Apr 2021 20:11

Instrument :
 BNA_G
 ClientSampleID :
 SB-15-0-2.0

Tgt Ion:244 Resp: 467722
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.9 10.3
 122 5.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.097 min Scan# 3703
 Delta R.T. -0.015 min
 Lab File: BG048802.D
 Acq: 20 Apr 2021 20:11

Tgt Ion:264 Resp: 134668
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.3 16.9 25.3

