

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048475.D
 Acq On : 23 Mar 2021 18:30
 Operator : CG/JU
 Sample : M1779-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6B1-(3.0-3.5)

Quant Time: Mar 24 02:20:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

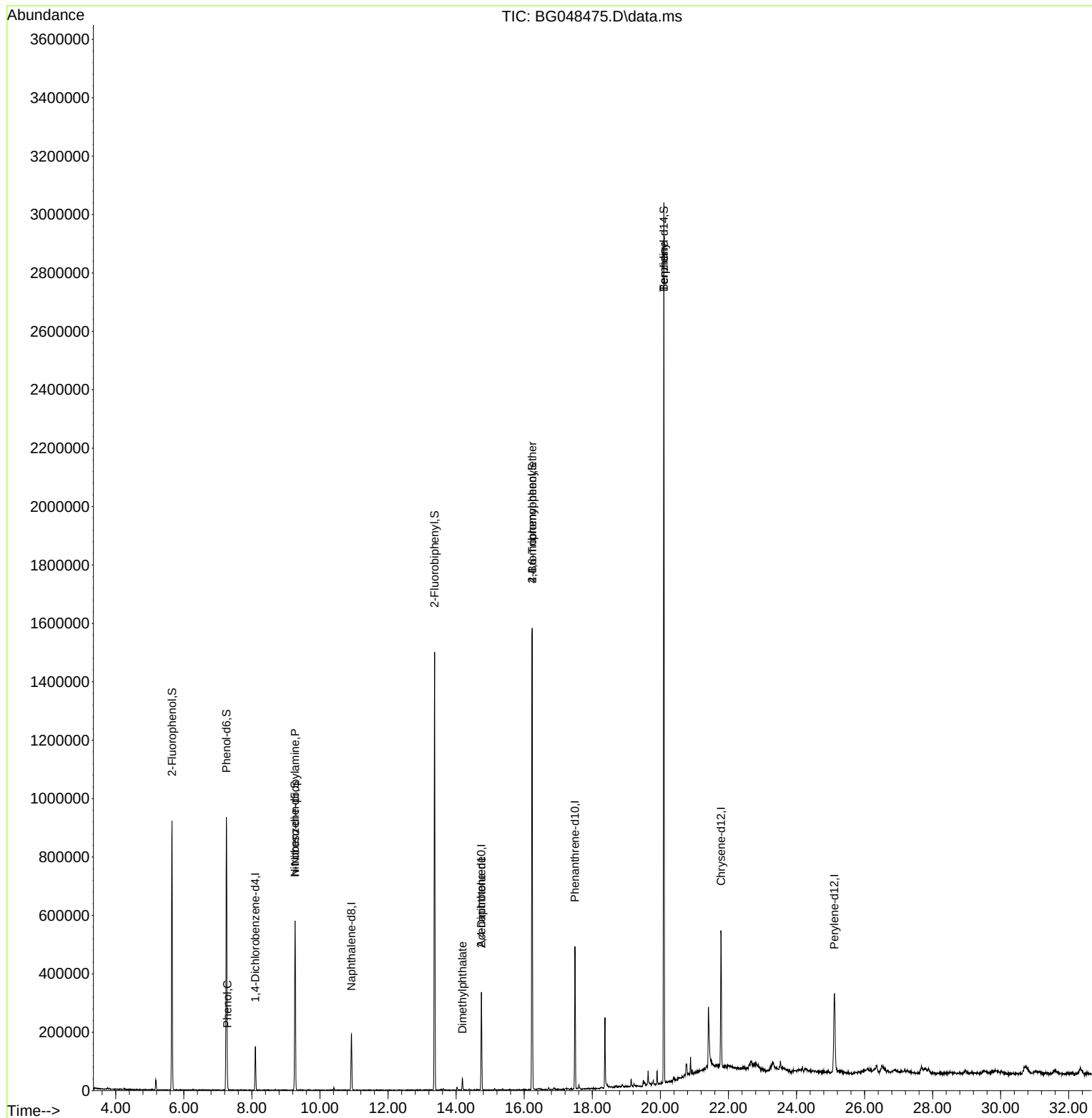
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	37661	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	153040	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	115294	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	289084	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	287681	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	303295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	348627	153.08	ng	0.00
7) Phenol-d6	7.251	99	477990	144.24	ng	0.00
23) Nitrobenzene-d5	9.266	82	359917	94.03	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	292803	156.16	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	718978	89.71	ng	0.00
79) Terphenyl-d14	20.106	244	1376839	86.31	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1522	Below Cal	#	1
10) Phenol	7.280	94	9880	2.91	ng	# 33
19) n-Nitroso-di-n-propyla...	9.272	70	56723	23.06	ng	# 76
50) Dimethylphthalate	14.184	163	24171	2.58	ng	# 94
57) 2,4-Dinitrotoluene	14.742	165	14802	5.16	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	19355	5.32	ng	# 1
77) Benzidine	20.106	184	28806	3.34	ng	96

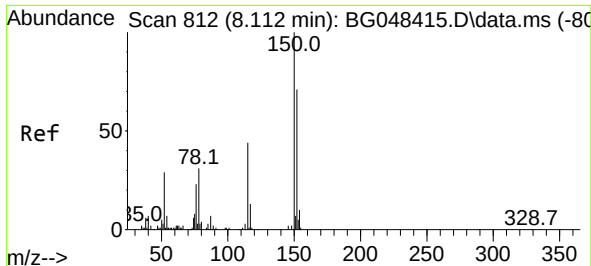
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

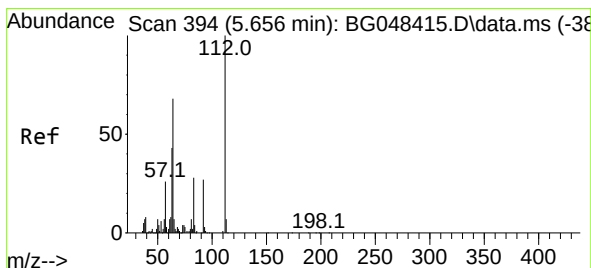
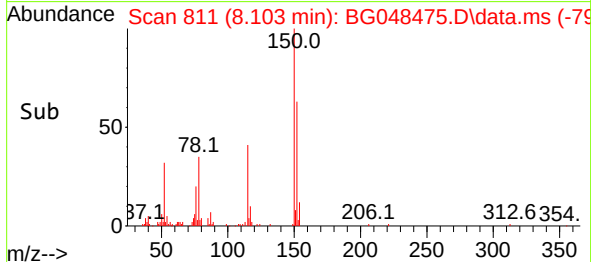
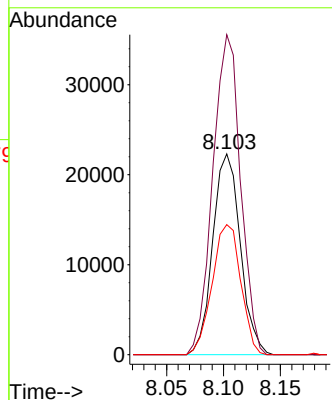
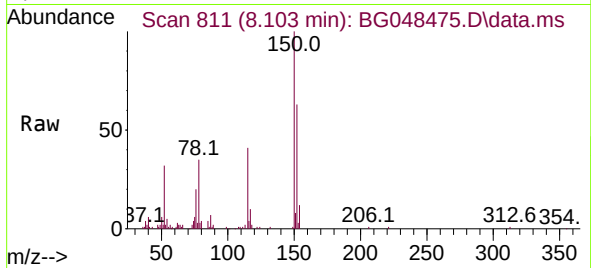




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

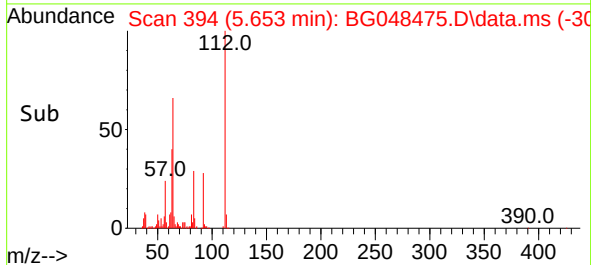
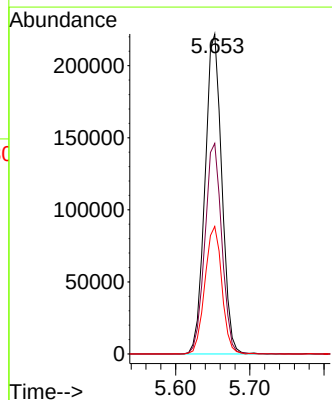
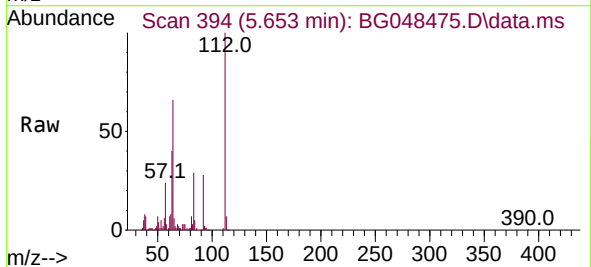
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

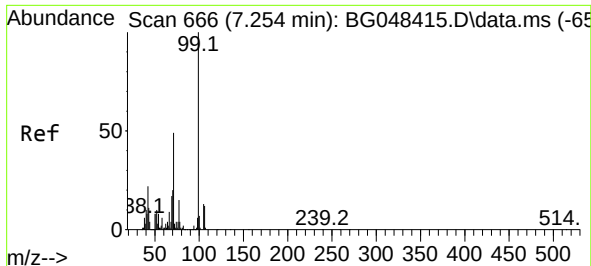
Tgt Ion:152 Resp: 37661
Ion Ratio Lower Upper
152 100
150 159.4 125.0 187.6
115 64.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 153.08 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion:112 Resp: 348627
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 39.9 22.8 34.2#

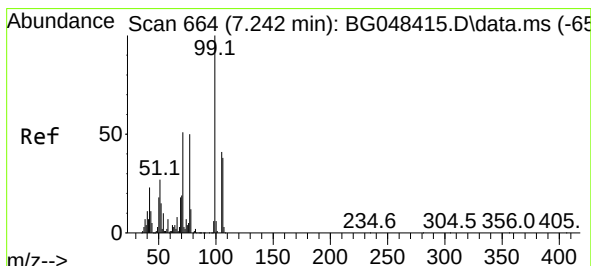
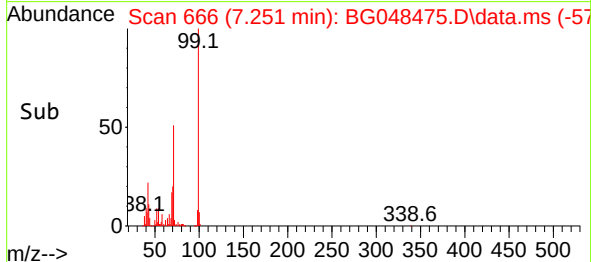
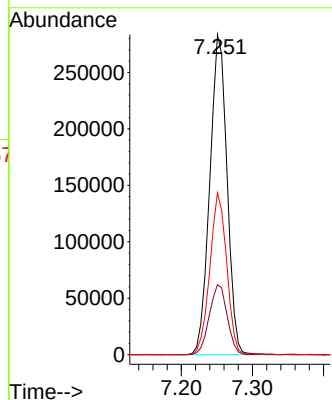
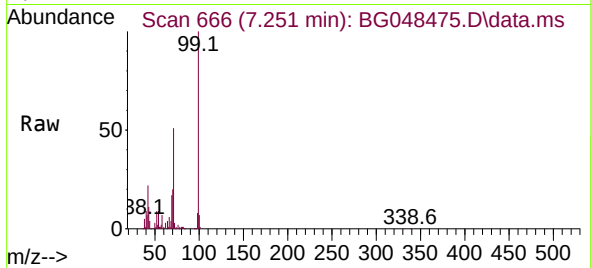




#7
Phenol-d6
Concen: 144.24 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

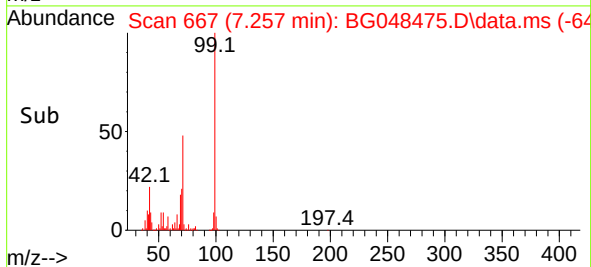
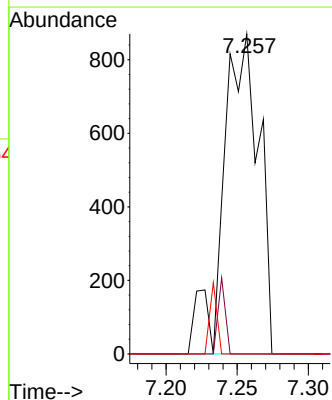
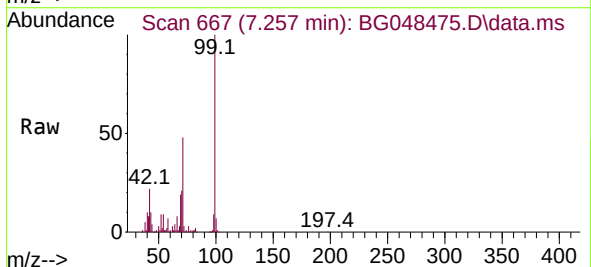
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

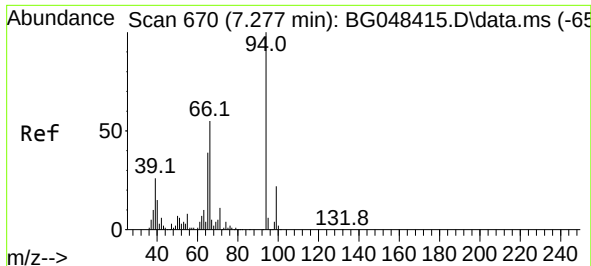
Tgt Ion: 99 Resp: 477990
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 50.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 77 Resp: 1522
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

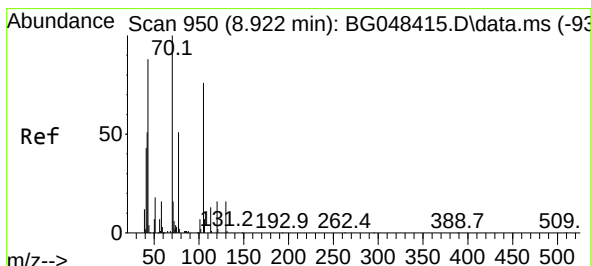
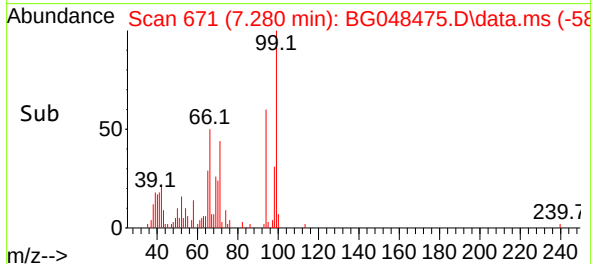
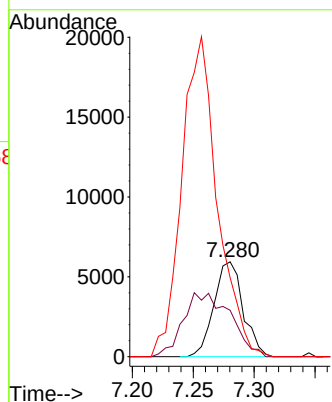
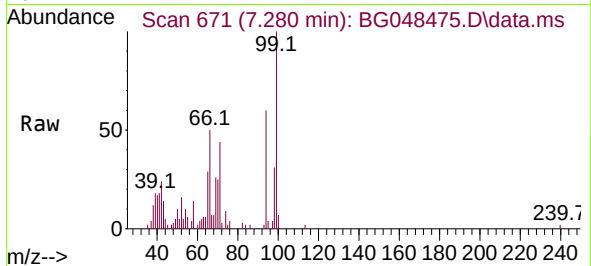




#10
Phenol
Concen: 2.91 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

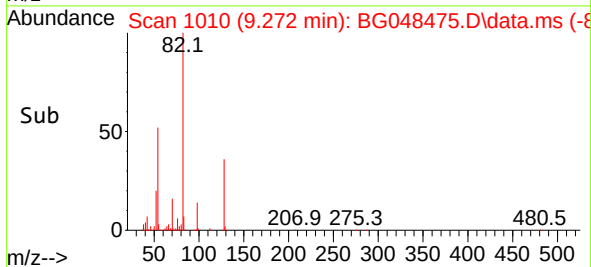
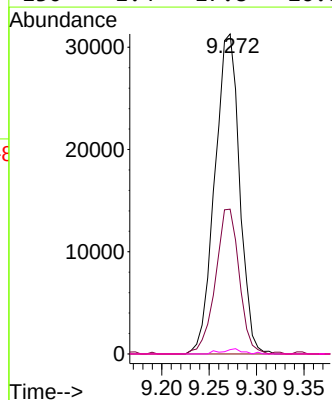
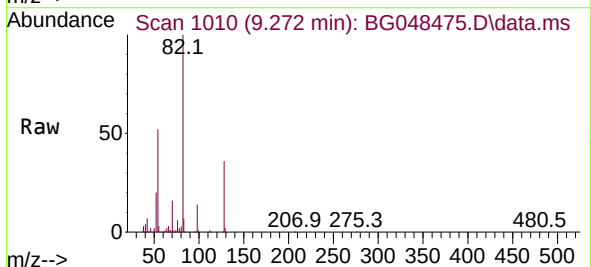
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

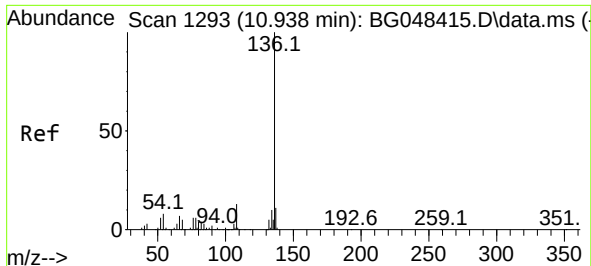
Tgt Ion: 94 Resp: 9880
Ion Ratio Lower Upper
94 100
65 48.9 6.6 46.6#
66 83.3 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 23.06 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 70 Resp: 56723
Ion Ratio Lower Upper
70 100
42 45.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

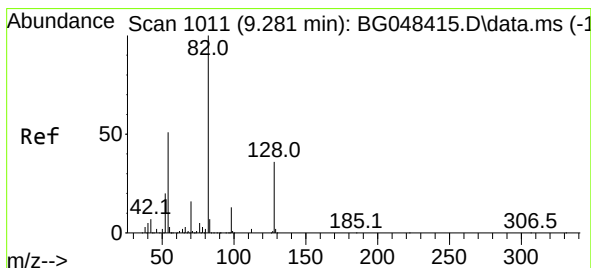
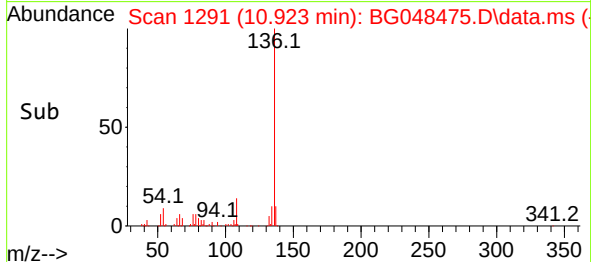
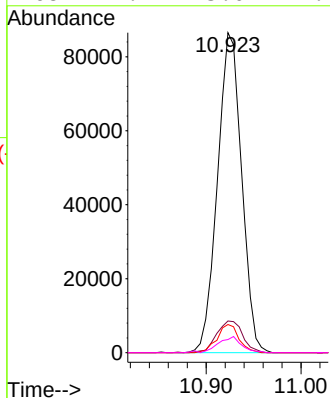
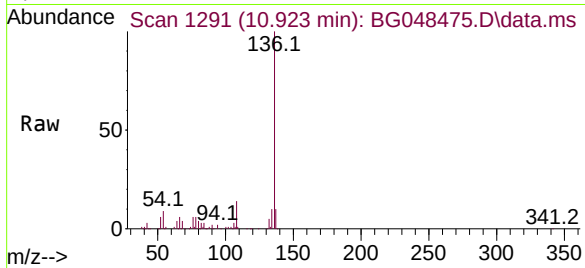




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

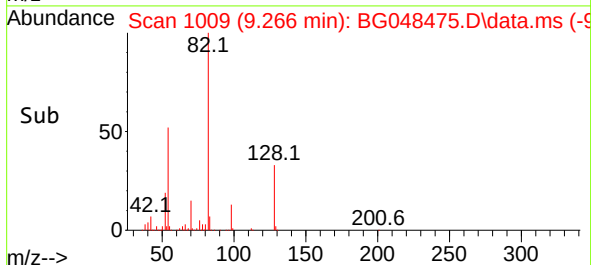
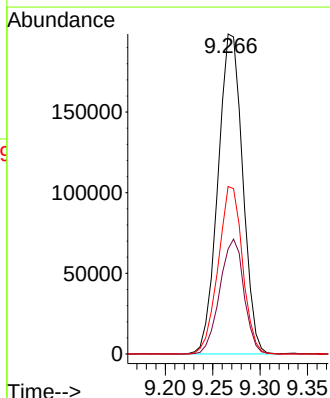
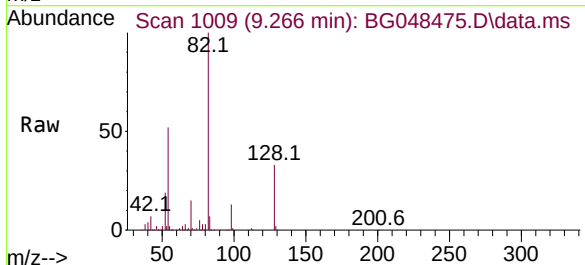
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

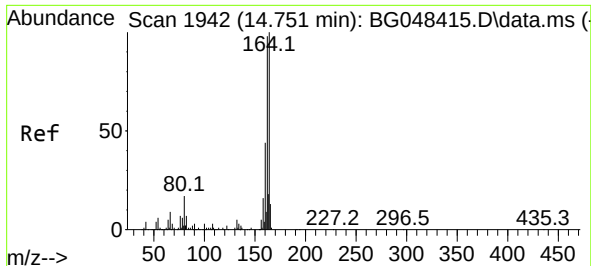
Tgt Ion:136 Resp: 153040
Ion Ratio Lower Upper
136 100
137 9.9 9.1 13.7
54 8.8 6.2 9.4
68 4.1 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 94.03 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 82 Resp: 359917
Ion Ratio Lower Upper
82 100
128 32.8 37.0 55.6#
54 52.3 39.0 58.4

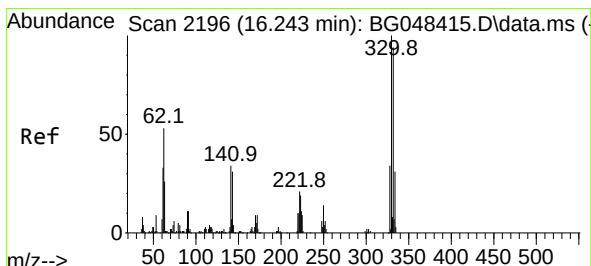
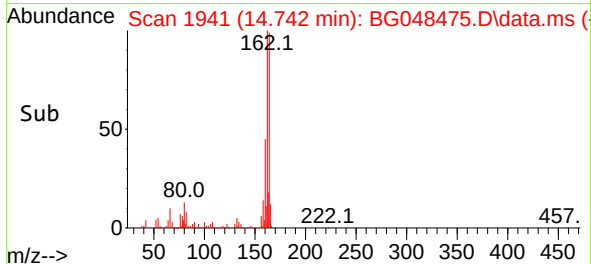
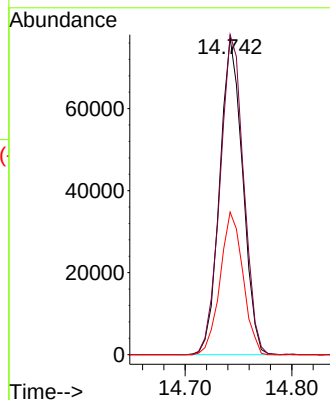
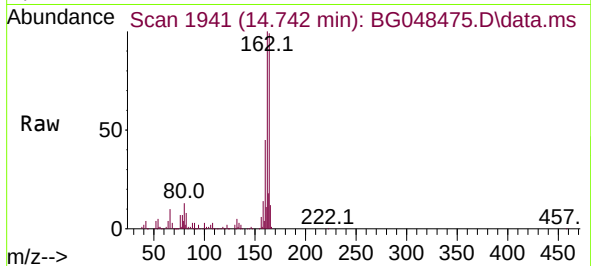




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

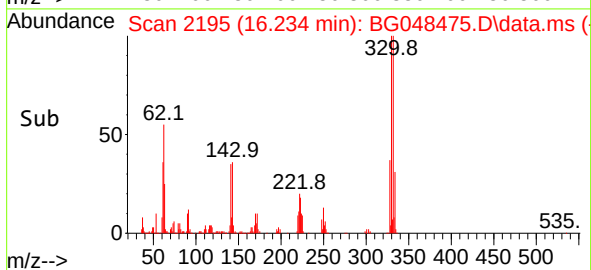
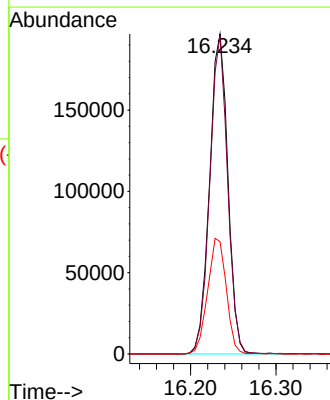
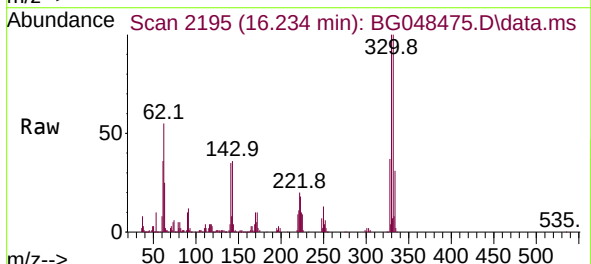
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BNA_G
ClientSampleId :
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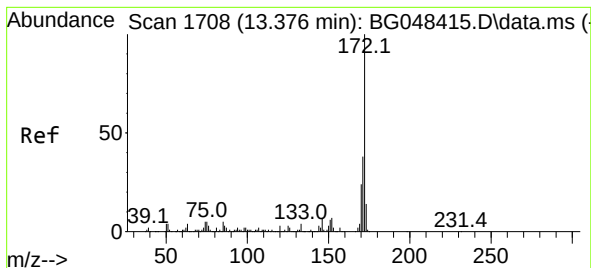
Tgt Ion:164 Resp: 115294
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 45.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 156.16 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion:330 Resp: 292803
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 36.9 26.0 39.0

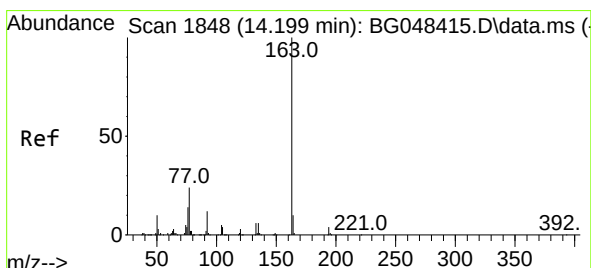
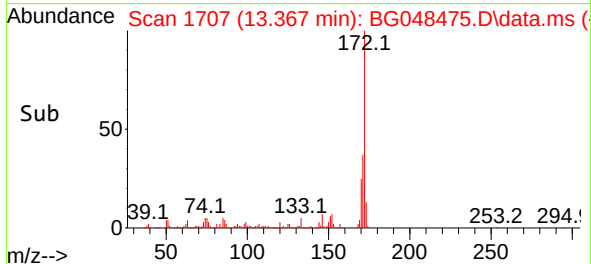
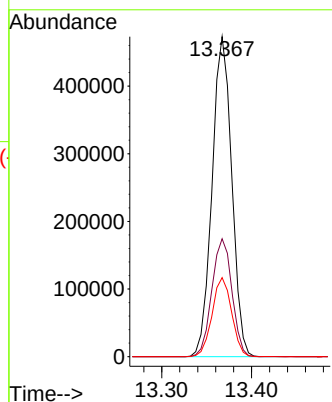
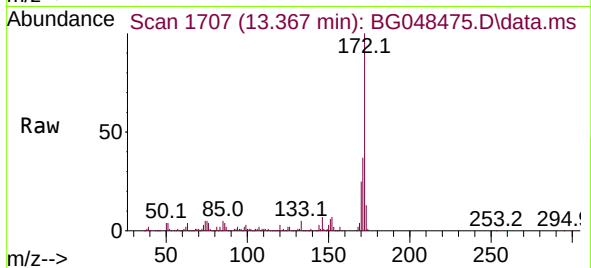




#45
2-Fluorobiphenyl
Concen: 89.71 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

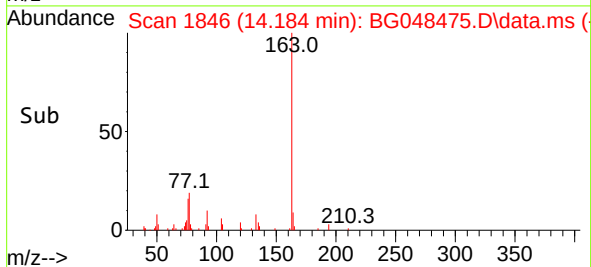
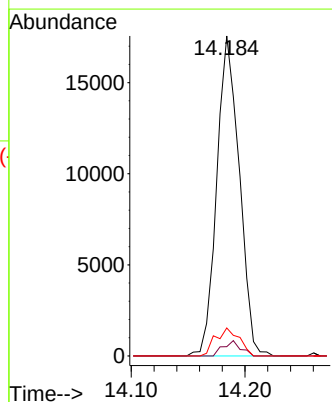
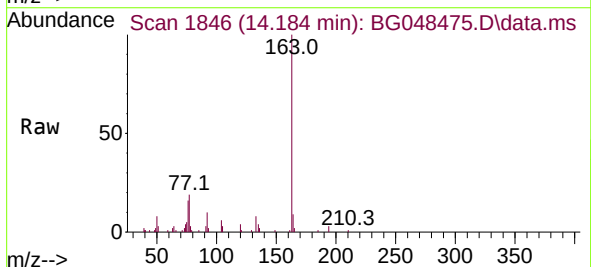
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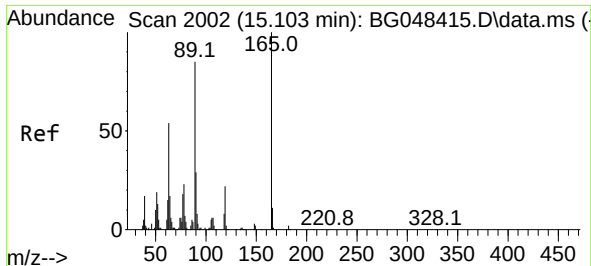
Tgt Ion:172 Resp: 718978
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 2.58 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion:163 Resp: 24171
Ion Ratio Lower Upper
163 100
194 2.9 3.8 5.8#
164 8.8 8.8 13.2#

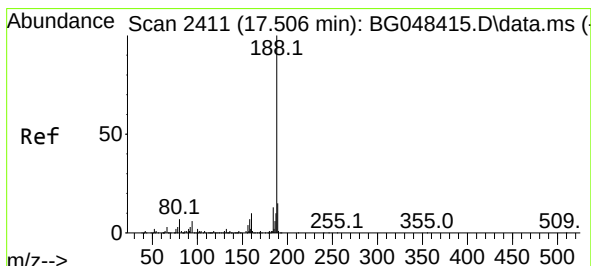
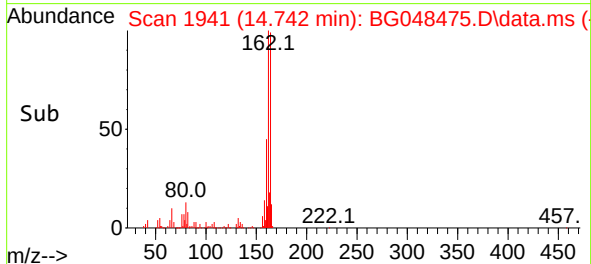
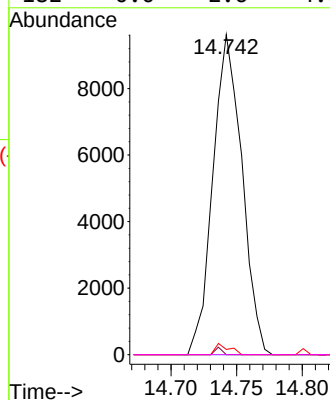
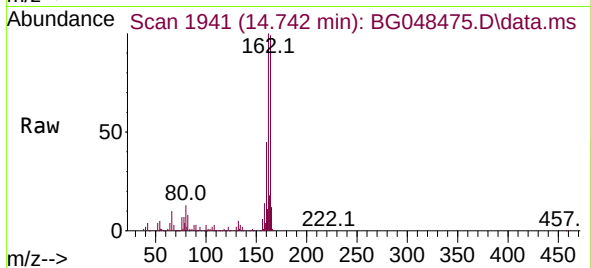




#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

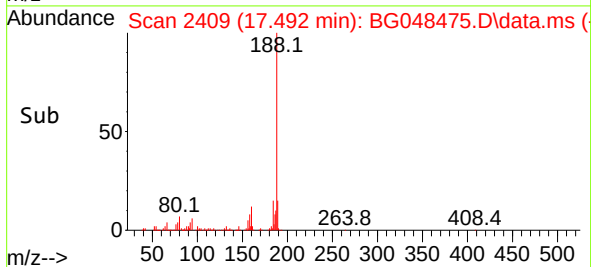
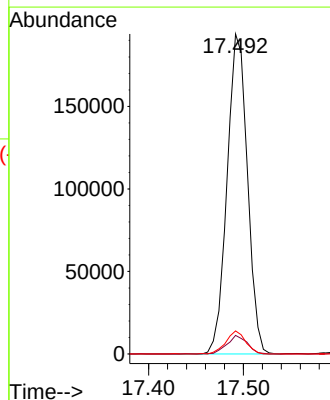
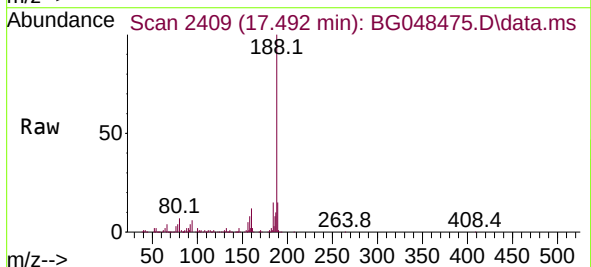
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

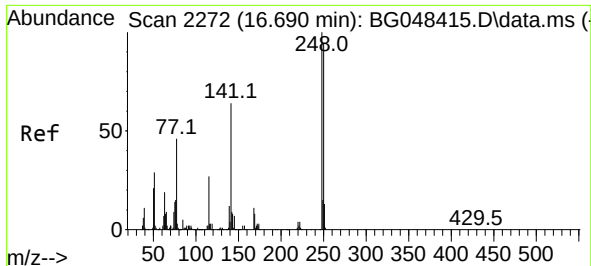
Tgt Ion:165 Resp: 14802
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion:188 Resp: 289084
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.2 7.0 10.6

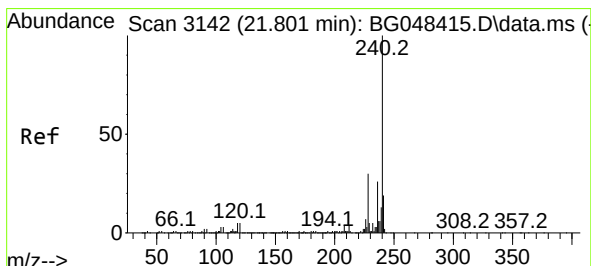
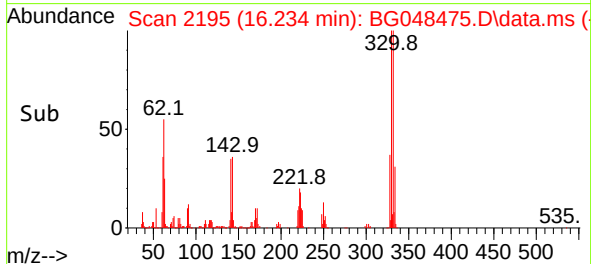
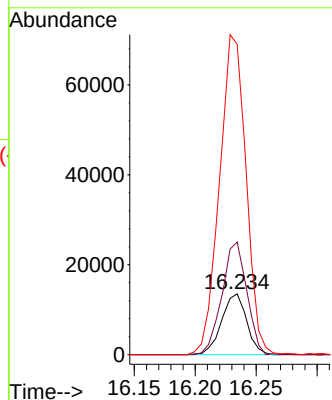
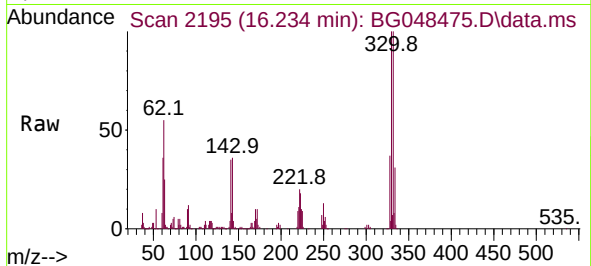




#67
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

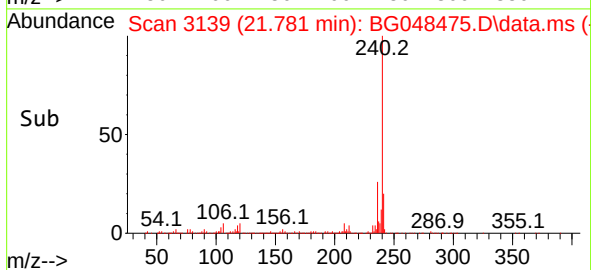
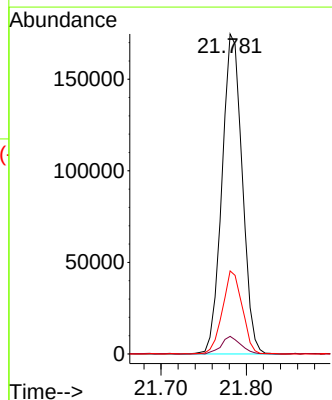
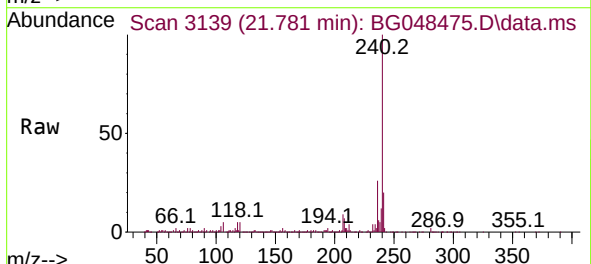
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

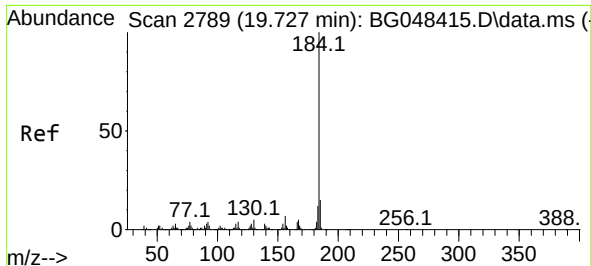
Tgt Ion	Ratio	Lower	Upper
248	100		
250	185.4	78.9	118.3#
141	510.7	46.2	69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.2	9.4#
236	25.9	20.5	30.7

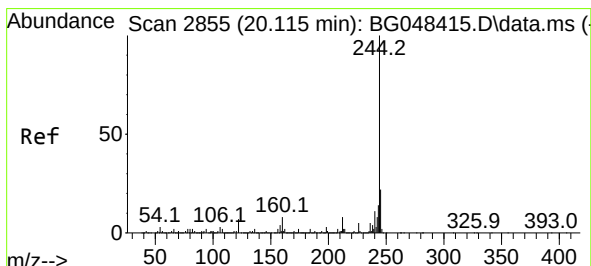
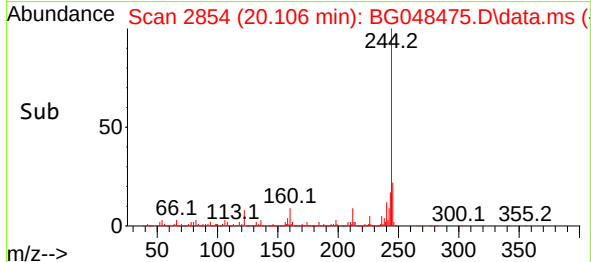
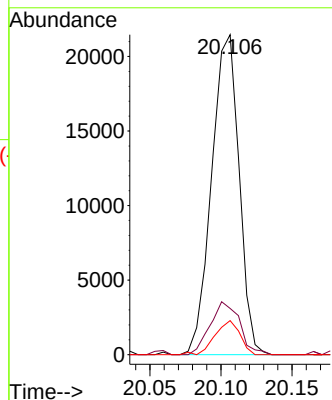
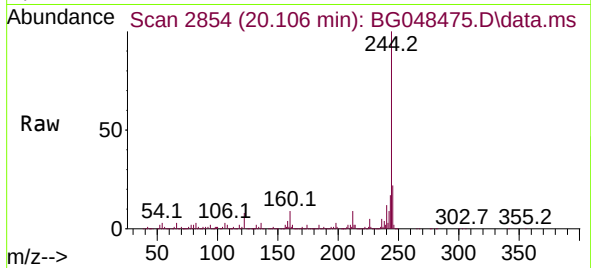




#77
Benzidine
Concen: 3.34 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.382 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

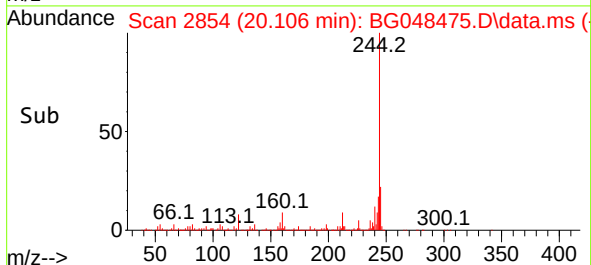
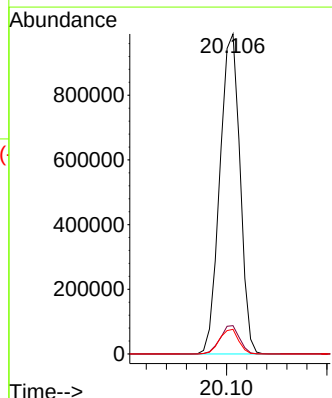
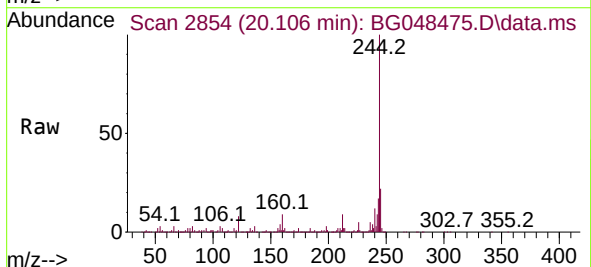
Instrument :
BNA_G
ClientSampleId :
SB-6B1-(3.0-3.5)

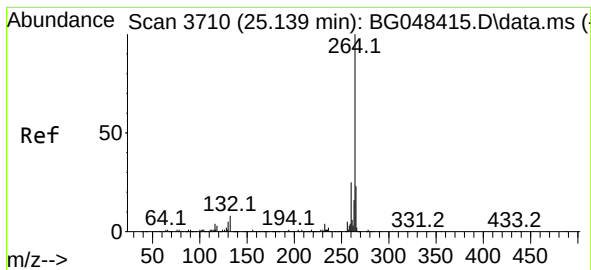
Tgt Ion:184 Resp: 28806
Ion Ratio Lower Upper
184 100
185 14.5 12.4 18.6
183 10.7 10.6 15.8



#79
Terphenyl-d14
Concen: 86.31 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG048475.D
Acq: 23 Mar 2021 18:30

Tgt Ion:244 Resp: 1376839
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 7.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048475.D
 Acq: 23 Mar 2021 18:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-6B1-(3.0-3.5)

Tgt Ion:264 Resp: 303295
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 20.7 17.8 26.8

