

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048788.D
 Acq On : 20 Apr 2021 7:46
 Operator : CG/JU
 Sample : M2076-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-14.5-15.0

Quant Time: Apr 20 08:40:21 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)

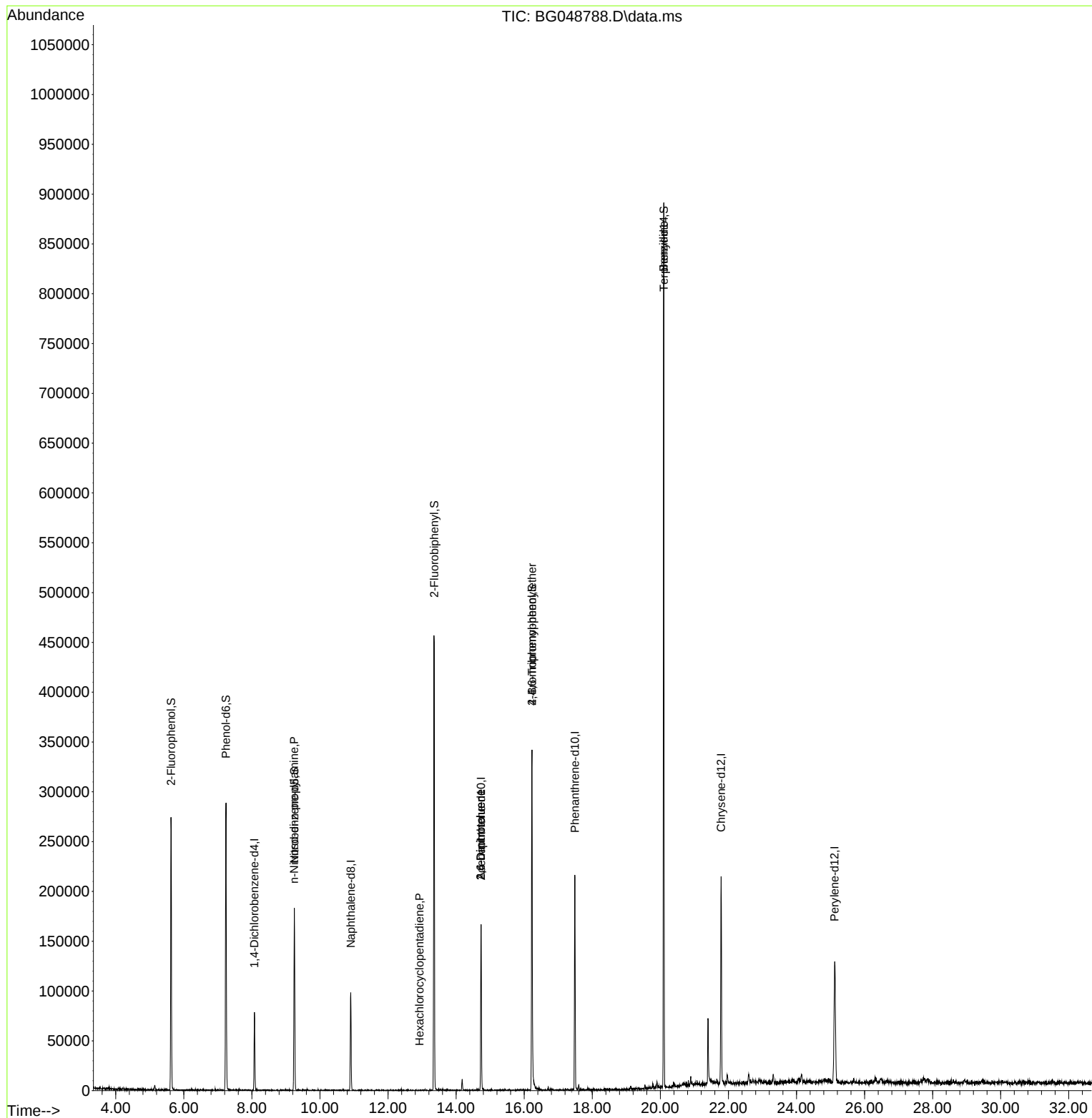
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	17955	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	77307	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	57921	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	135715	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	127341	20.00	ng	-0.01
86) Perylene-d12	25.118	264	128748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	108113	100.71	ng	0.00
7) Phenol-d6	7.239	99	138763	91.38	ng	0.00
23) Nitrobenzene-d5	9.248	82	101949	59.04	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	60187	77.50	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	229833	57.30	ng	0.00
79) Terphenyl-d14	20.100	244	383093	51.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.242	70	16146	15.76	ng	# 70
41) Hexachlorocyclopentadiene	12.926	237	54	5.91	ng	# 31
51) 2,6-Dinitrotoluene	14.730	165	8257	8.24	ng	# 13
57) 2,4-Dinitrotoluene	14.730	165	8257	5.67	ng	# 19
67) 4-Bromophenyl-phenylether	16.228	248	4480	2.87	ng	# 1
77) Benzidine	20.094	184	7816	2.26	ng	# 93

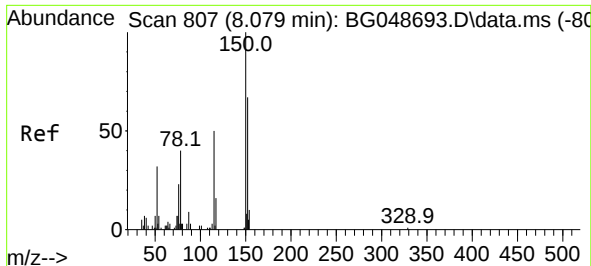
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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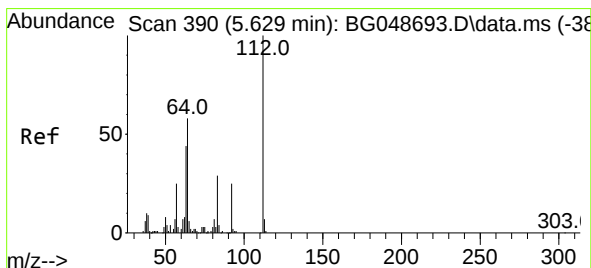
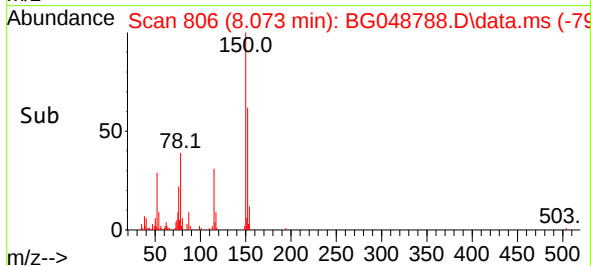
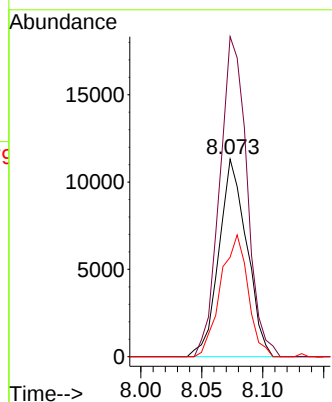
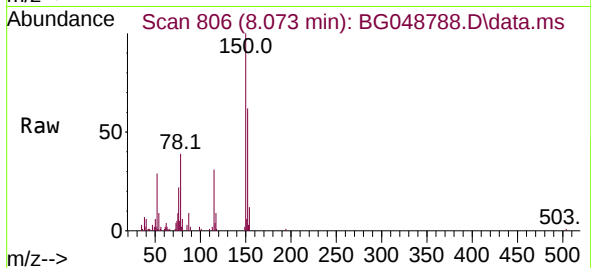




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

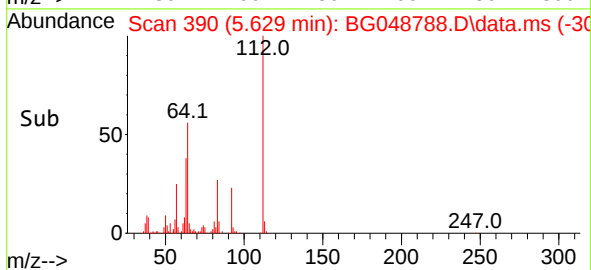
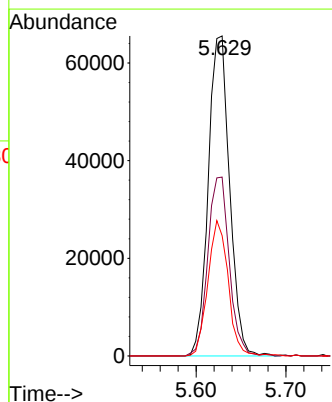
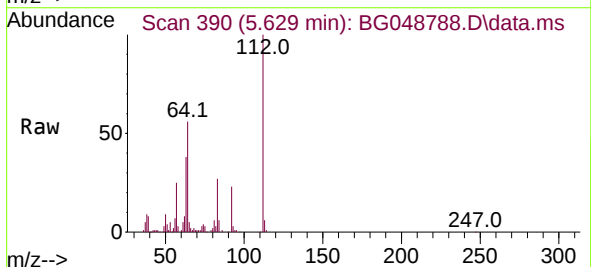
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

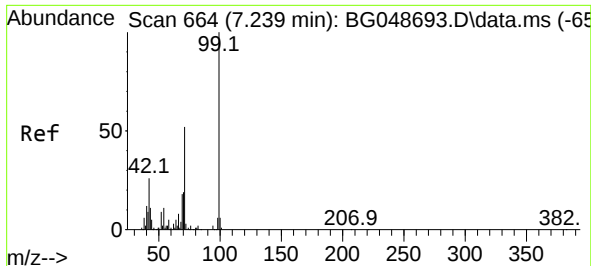
Tgt Ion:152 Resp: 17955
Ion Ratio Lower Upper
152 100
150 162.1 119.4 179.0
115 50.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 100.71 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:112 Resp: 108113
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 37.6 35.3 52.9

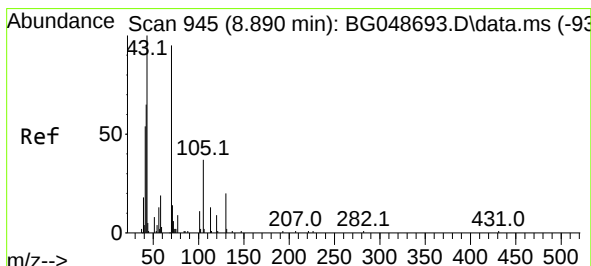
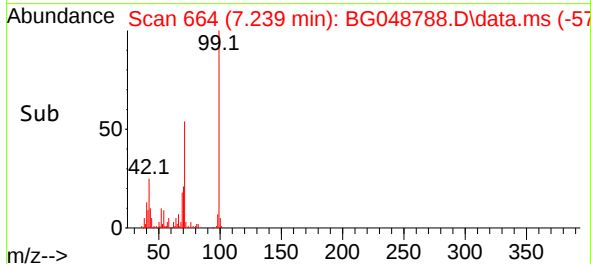
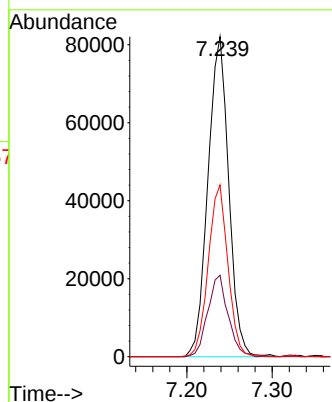
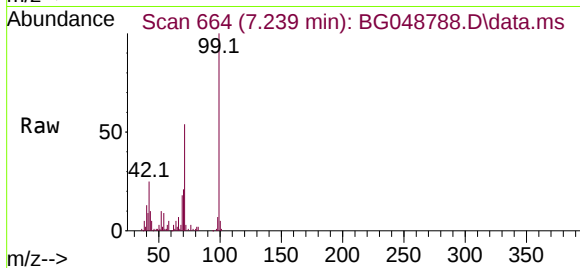




#7
Phenol-d6
Concen: 91.38 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

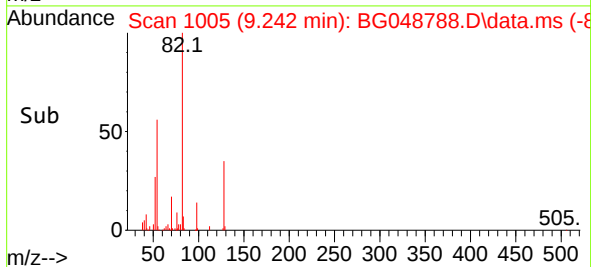
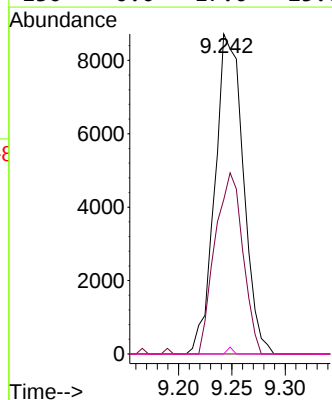
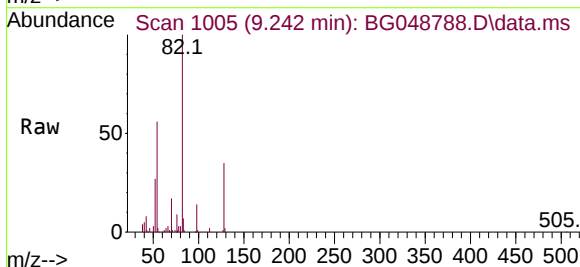
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

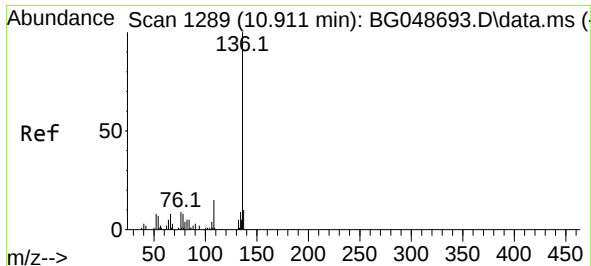
Tgt Ion: 99 Resp: 138763
Ion Ratio Lower Upper
99 100
42 25.5 20.5 30.7
71 53.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 9.242 min Scan# 1005
Delta R.T. 0.352 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion: 70 Resp: 16146
Ion Ratio Lower Upper
70 100
42 48.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

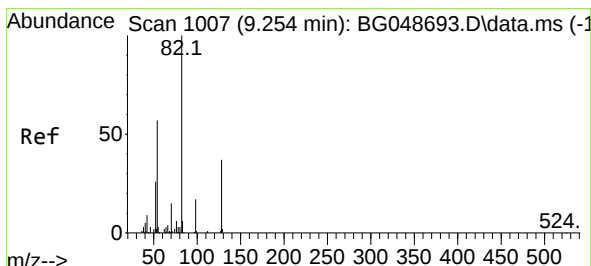
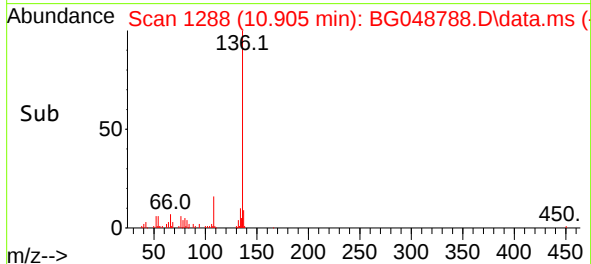
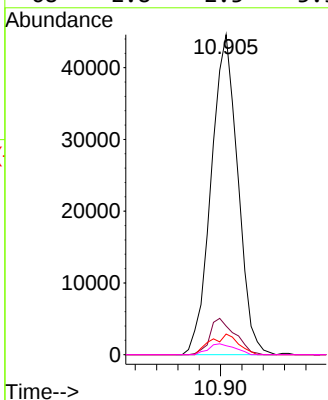
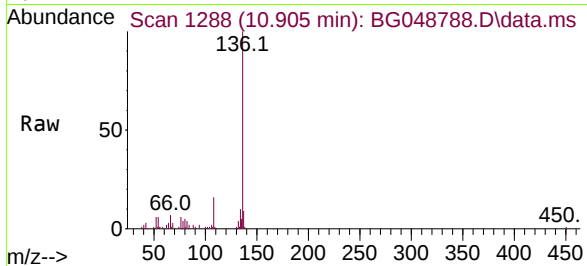




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

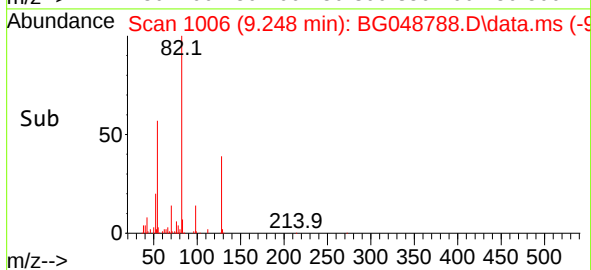
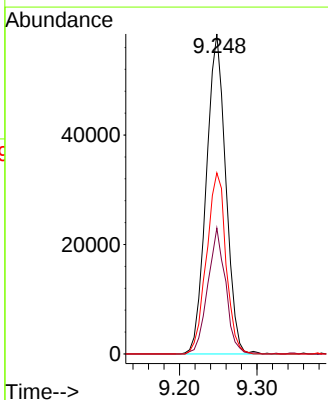
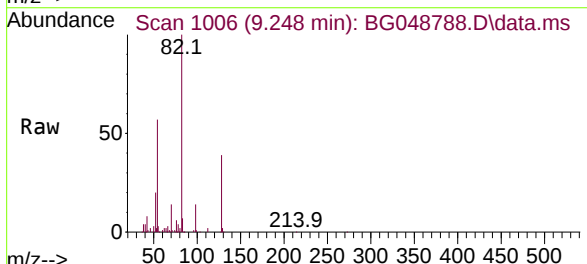
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

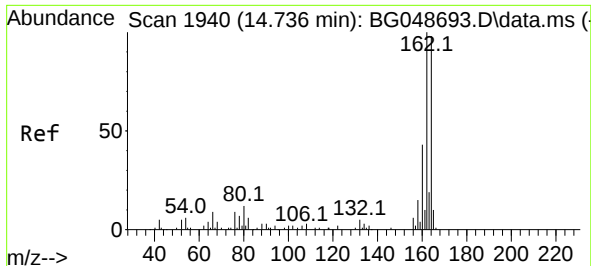
Tgt Ion:	136	Resp:	77307
Ion Ratio	Lower	Upper	
136	100		
137	8.9	8.2	12.2
54	6.5	5.5	8.3
68	2.8	2.3	3.5



#23
Nitrobenzene-d5
Concen: 59.04 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:	82	Resp:	101949
Ion Ratio	Lower	Upper	
82	100		
128	39.4	29.8	44.6
54	56.6	45.8	68.8

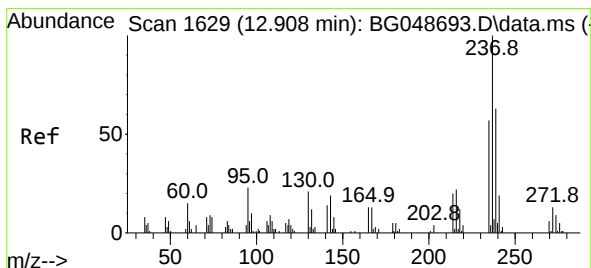
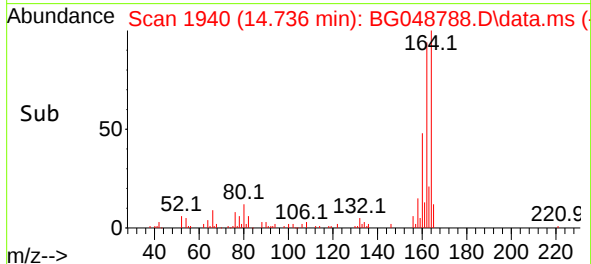
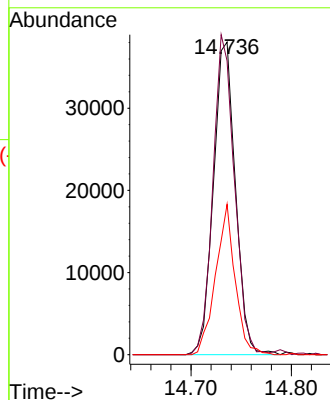
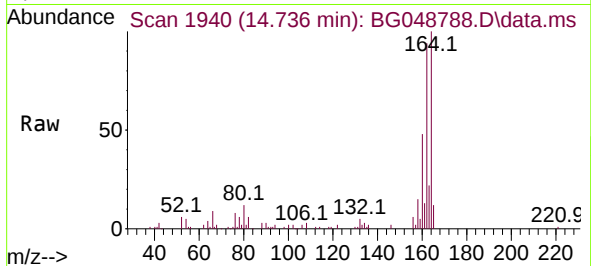




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

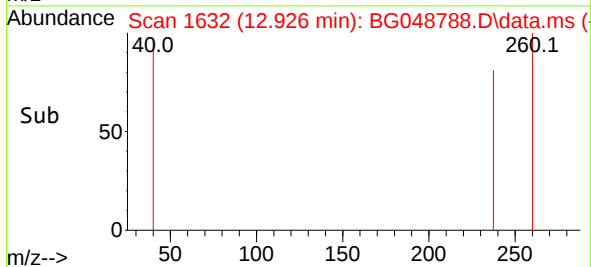
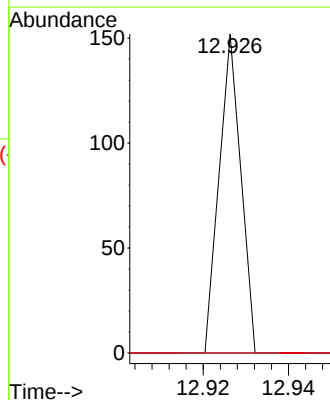
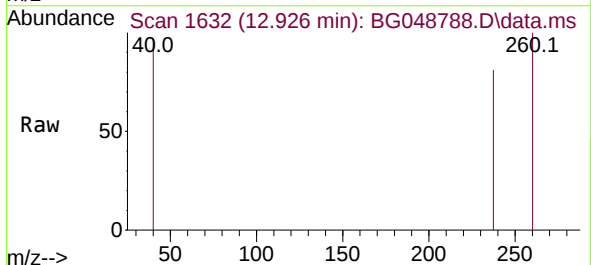
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

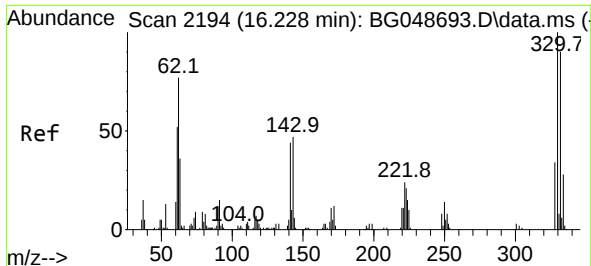
Tgt Ion:	164	Resp:	57921
Ion Ratio	Lower	Upper	
164	100		
162	94.0	81.4	122.0
160	48.1	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.926 min Scan# 1632
Delta R.T. 0.017 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:	237	Resp:	54
Ion Ratio	Lower	Upper	
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

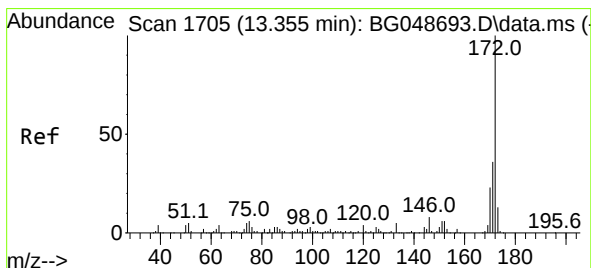
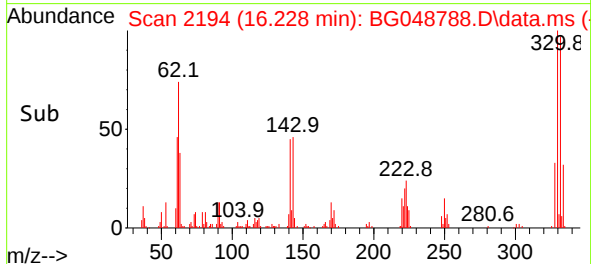
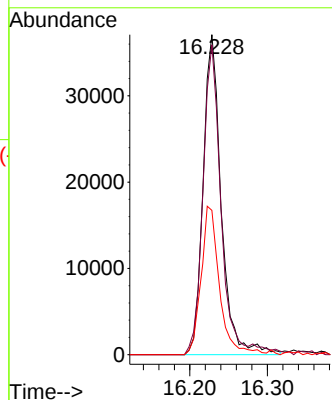
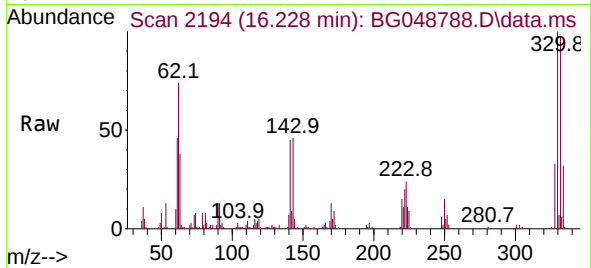




#42
2,4,6-Tribromophenol
Concen: 77.50 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

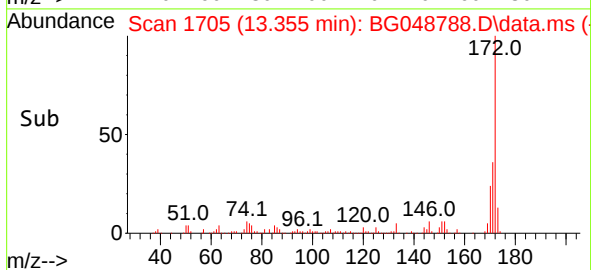
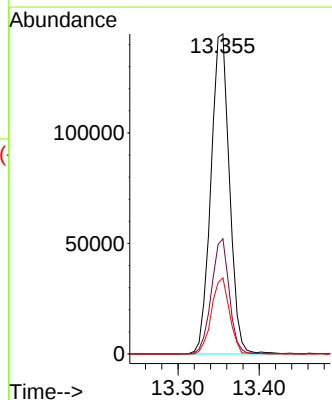
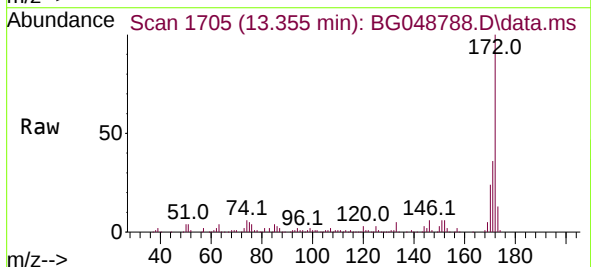
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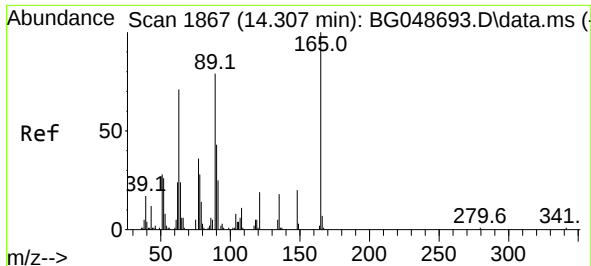
Tgt Ion:330 Resp: 60187
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 46.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 57.30 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:172 Resp: 229833
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.8 18.6 27.8

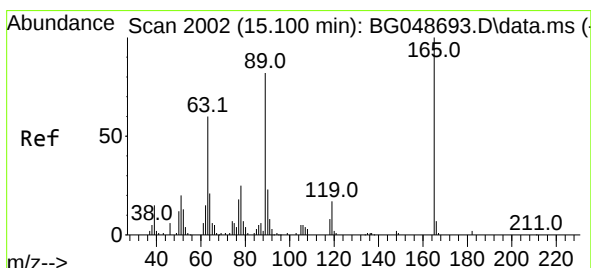
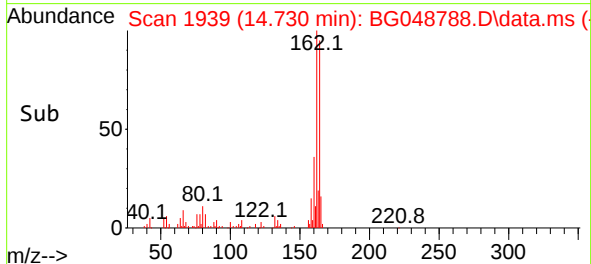
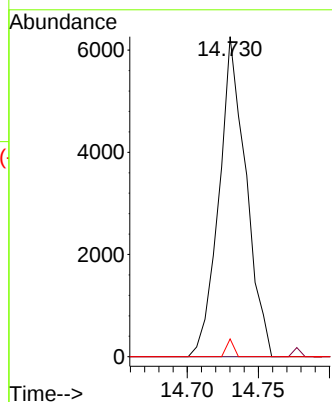
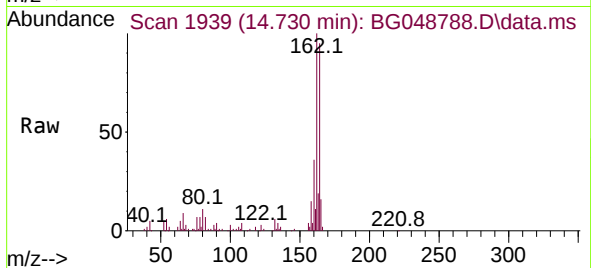




#51
2,6-Dinitrotoluene
Concen: 8.24 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

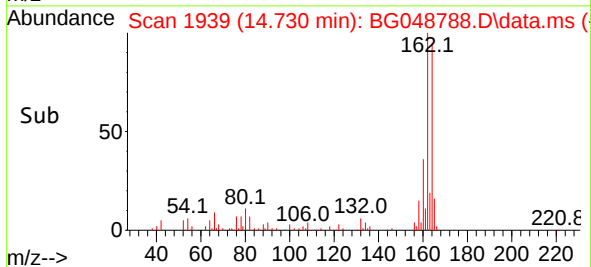
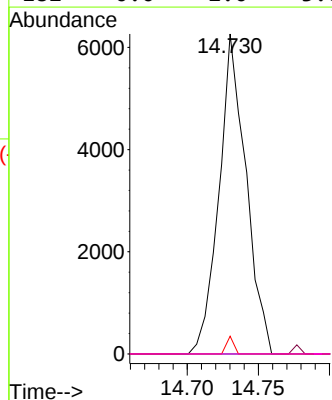
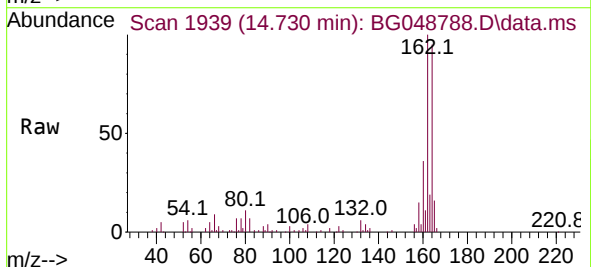
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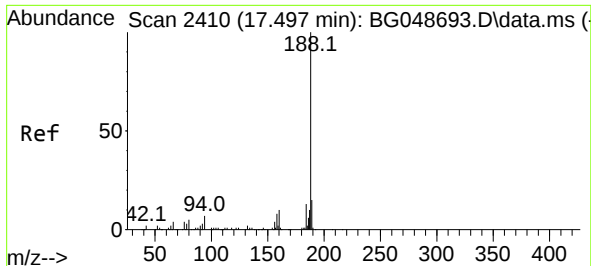
Tgt Ion:165 Resp: 8257
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 5.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:165 Resp: 8257
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 5.6 65.4 98.0#
182 0.0 2.0 3.0#

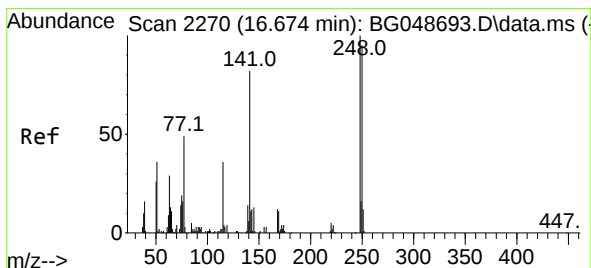
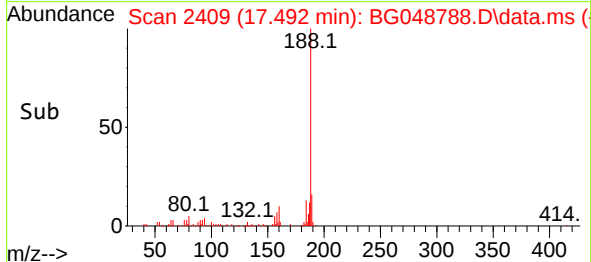
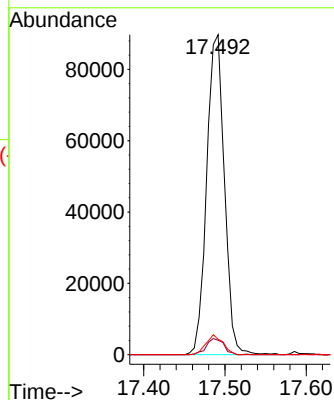
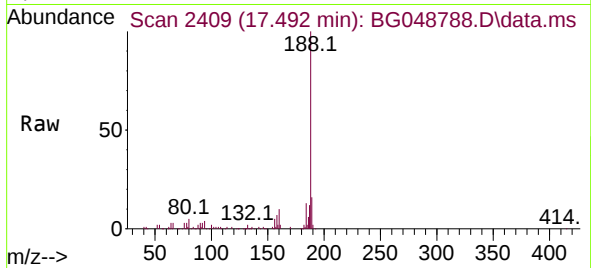




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

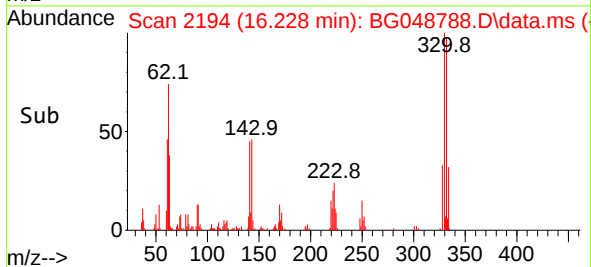
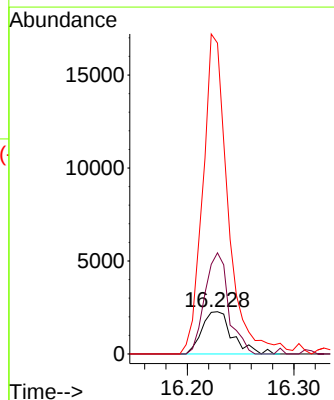
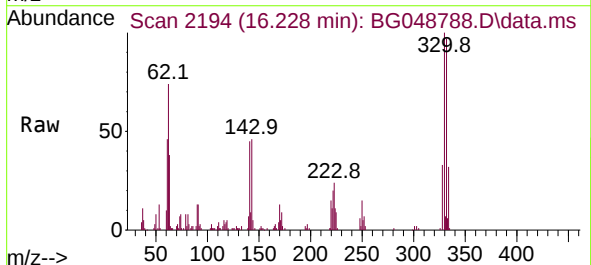
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

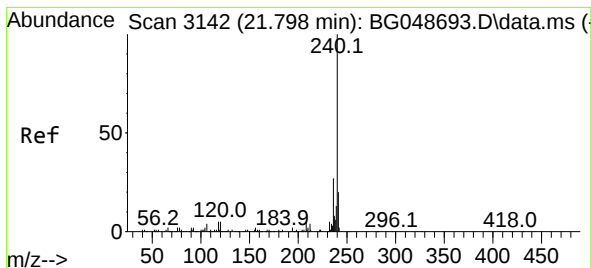
Tgt Ion:188 Resp: 135715
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.8 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:248 Resp: 4480
Ion Ratio Lower Upper
248 100
250 239.2 76.1 114.1#
141 735.6 65.4 98.2#

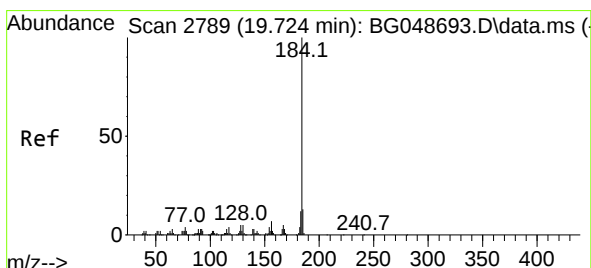
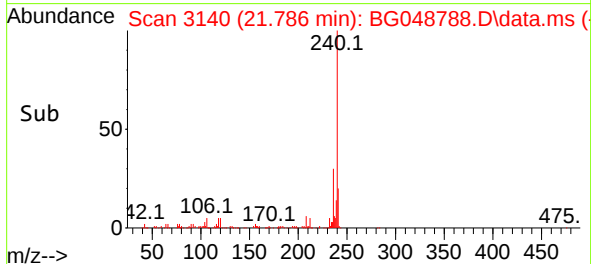
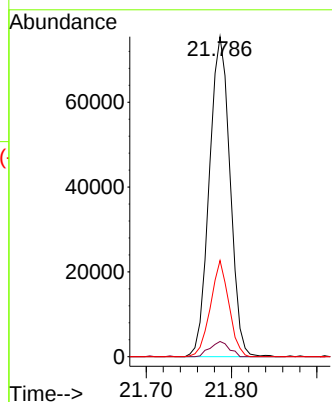
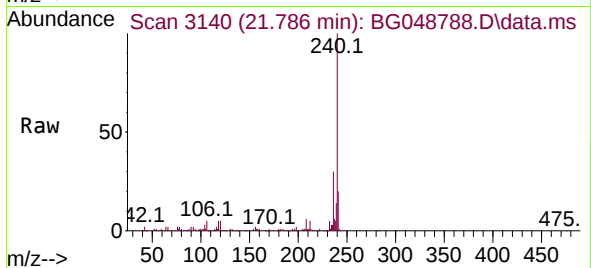




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

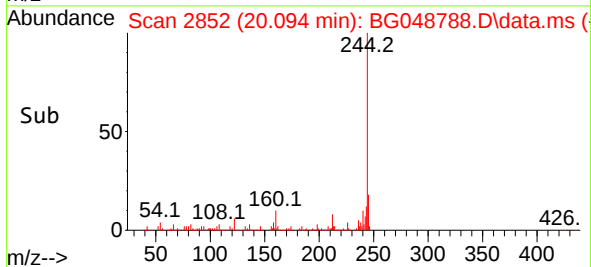
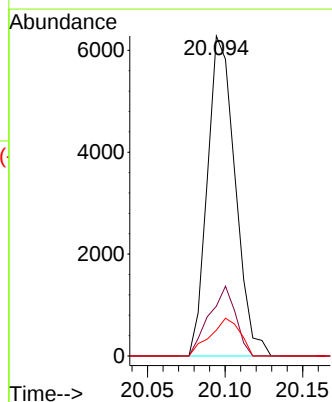
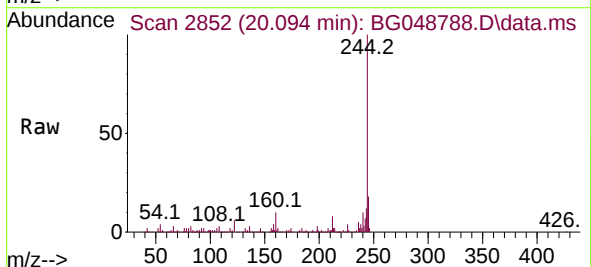
Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

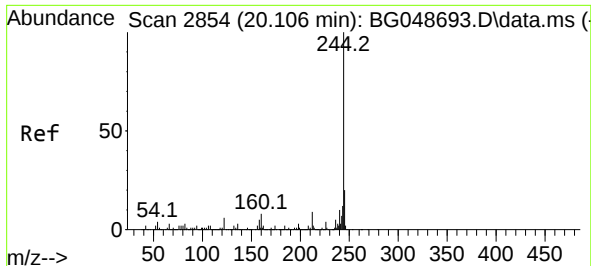
Tgt Ion:240 Resp: 127341
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 30.0 21.8 32.6



#77
Benzidine
Concen: 2.26 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.363 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:184 Resp: 7816
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 8.1 9.4 14.0#

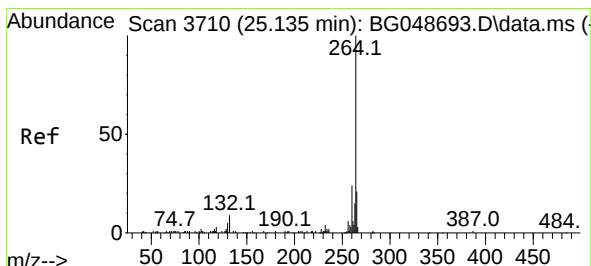
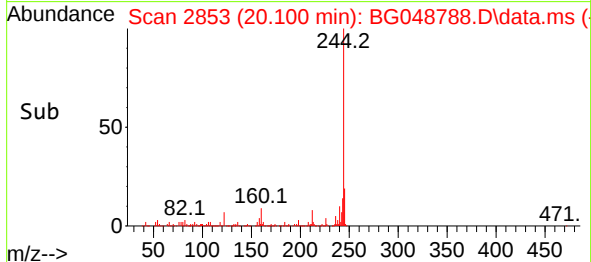
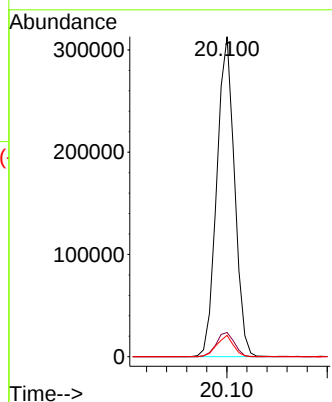
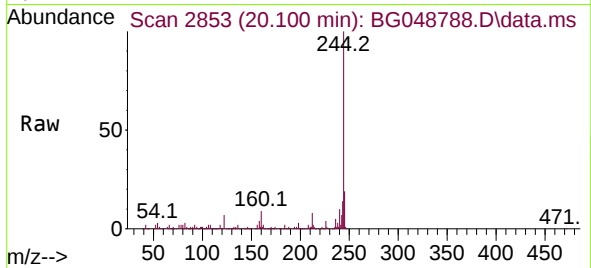




#79
Terphenyl-d14
Concen: 51.78 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Instrument :
BNA_G
ClientSampleId :
SB-13-14.5-15.0

Tgt Ion:244	Resp:	383093
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.9 10.3
122	6.7	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.118 min Scan# 3707
Delta R.T. -0.024 min
Lab File: BG048788.D
Acq: 20 Apr 2021 7:46

Tgt Ion:264	Resp:	128748
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.4 29.2
265	21.1	16.9 25.3

