

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048789.D
 Acq On : 20 Apr 2021 8:26
 Operator : CG/JU
 Sample : M2076-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-0-2.0

Quant Time: Apr 20 09:03:00 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)

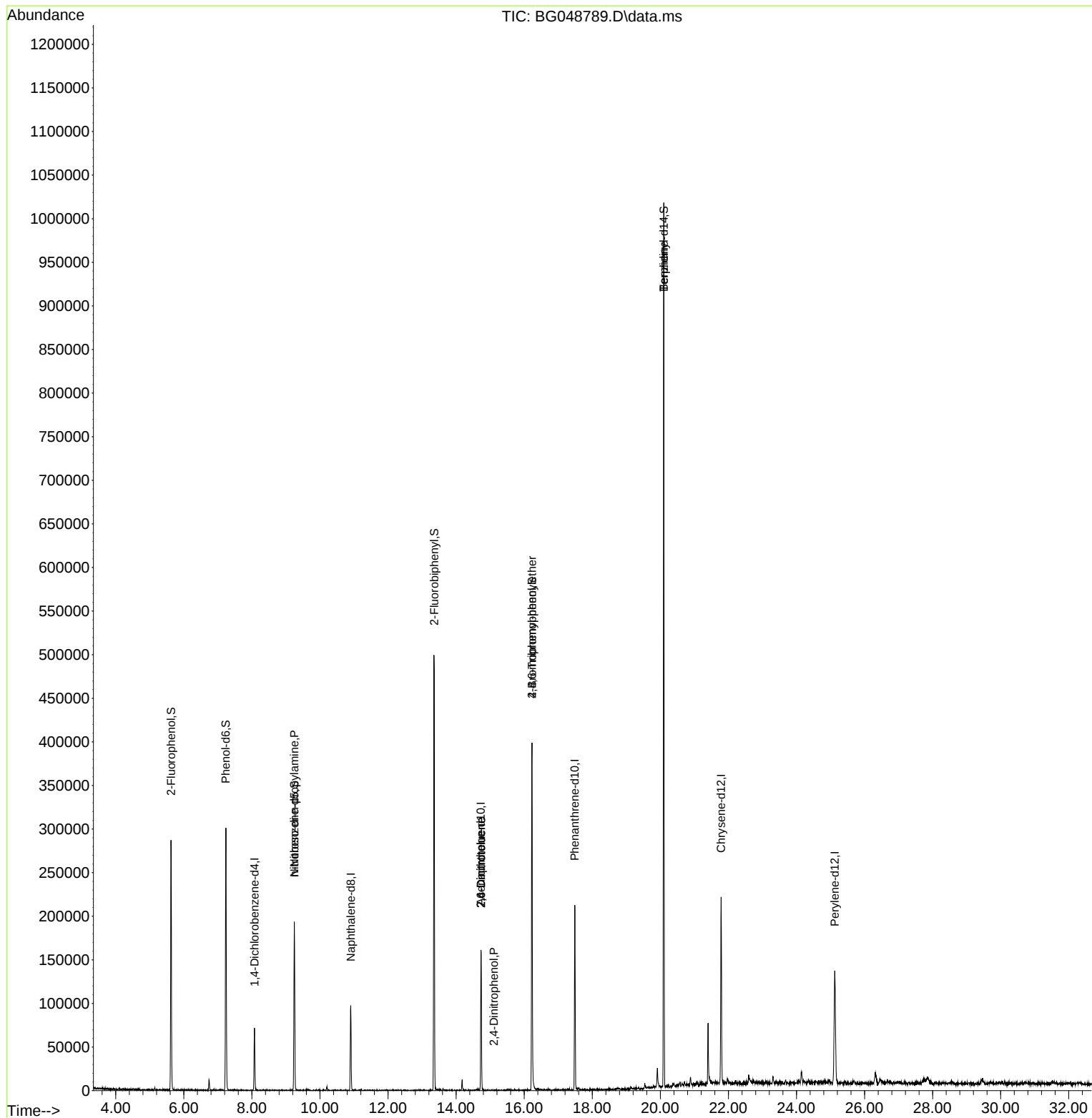
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17436	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	77604	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	55486	20.00	ng	-0.01
64) Phenanthrene-d10	17.485	188	132443	20.00	ng	-0.01
76) Chrysene-d12	21.786	240	129438	20.00	ng	-0.01
86) Perylene-d12	25.123	264	130023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	108642	104.21	ng	0.00
7) Phenol-d6	7.233	99	145004	98.33	ng	0.00
23) Nitrobenzene-d5	9.248	82	111918	64.57	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	68343	91.86	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	246558	64.17	ng	0.00
79) Terphenyl-d14	20.100	244	437401	58.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	17880	17.97	ng	# 80
51) 2,6-Dinitrotoluene	14.736	165	7983	8.31	ng	# 10
54) 2,4-Dinitrophenol	15.112	184	54	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7983	5.72	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	4967	3.26	ng	# 1
77) Benzidine	20.100	184	8492	2.42	ng	# 94

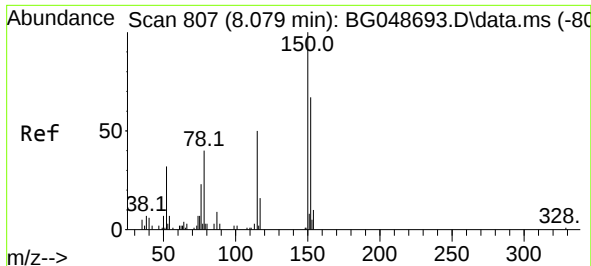
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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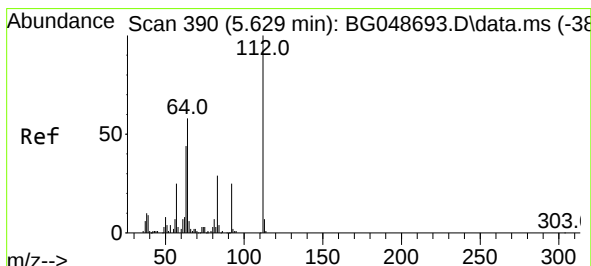
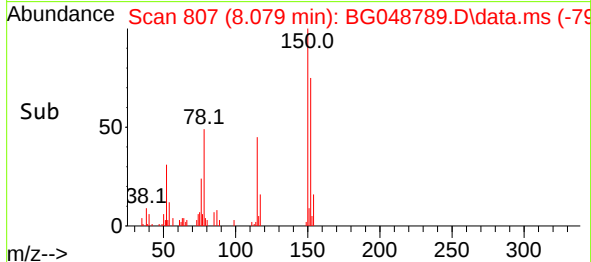
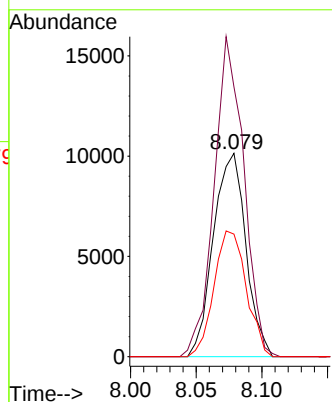
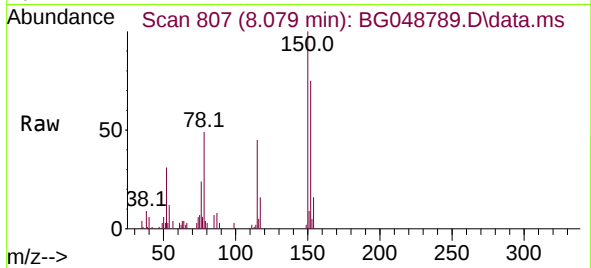




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

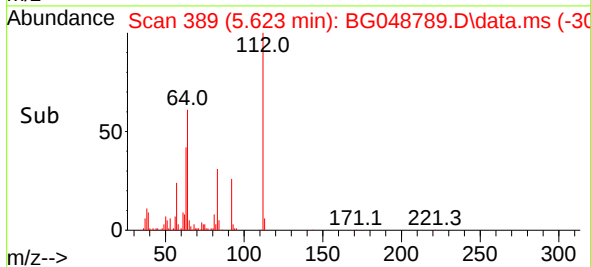
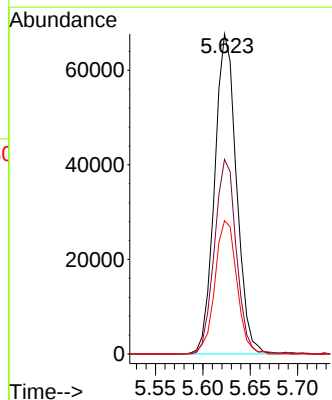
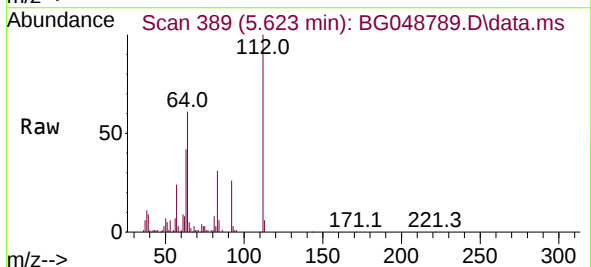
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

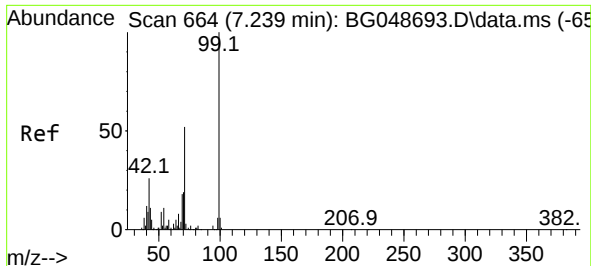
Tgt Ion:152 Resp: 17436
Ion Ratio Lower Upper
152 100
150 132.7 119.4 179.0
115 60.3 60.2 90.4



#5
2-Fluorophenol
Concen: 104.21 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:112 Resp: 108642
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 41.6 35.3 52.9

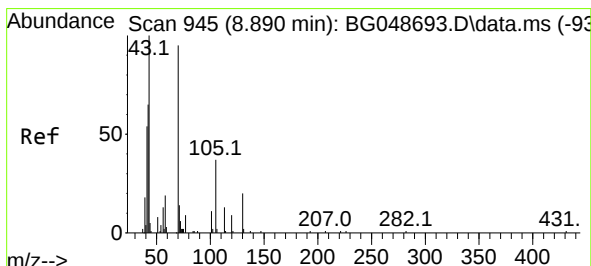
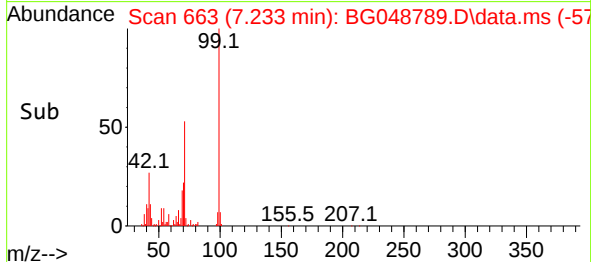
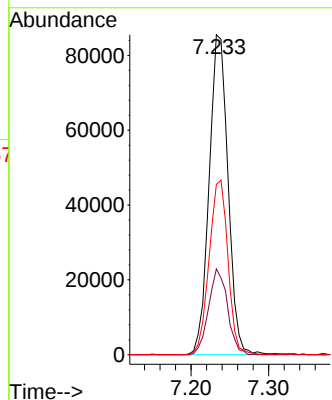
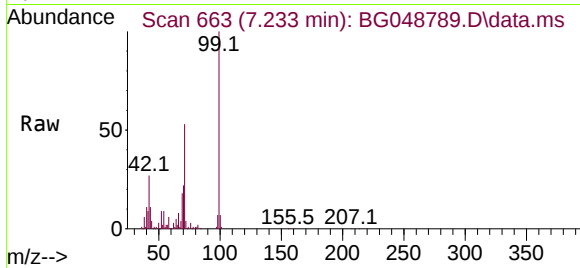




#7
Phenol-d6
Concen: 98.33 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

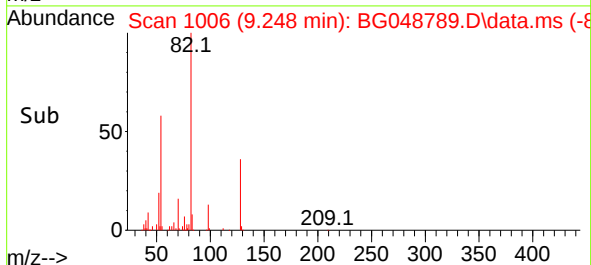
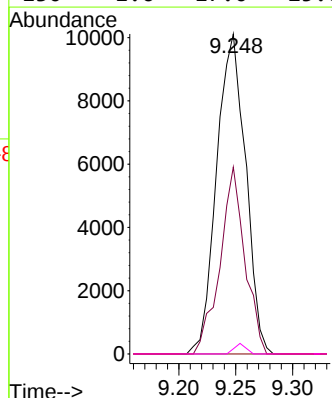
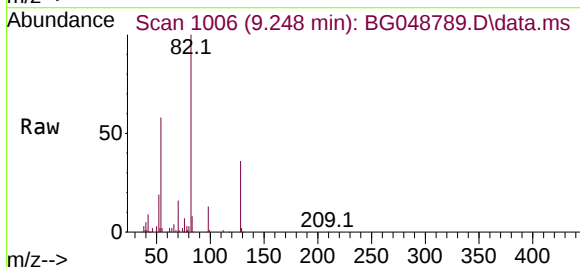
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

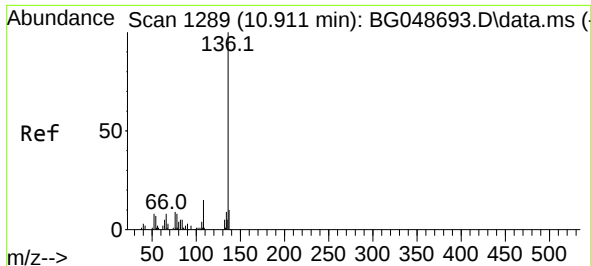
Tgt Ion: 99 Resp: 145004
Ion Ratio Lower Upper
99 100
42 26.8 20.5 30.7
71 53.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion: 70 Resp: 17880
Ion Ratio Lower Upper
70 100
42 58.4 54.5 81.7
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

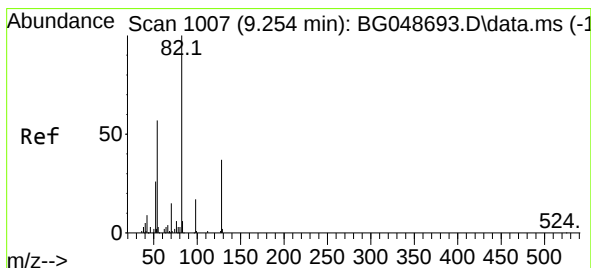
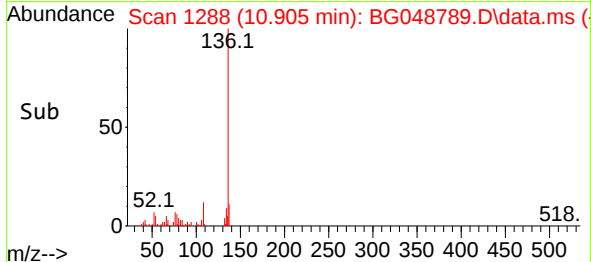
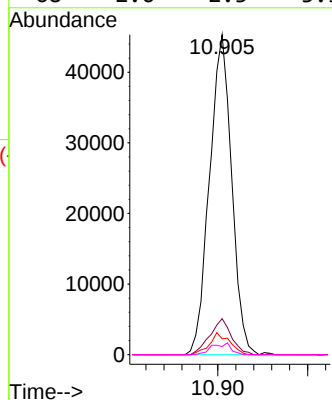
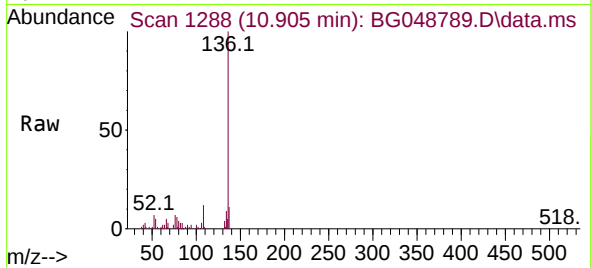




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

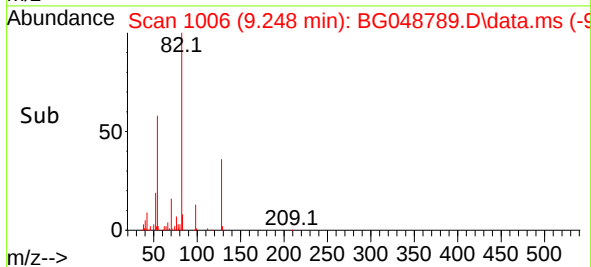
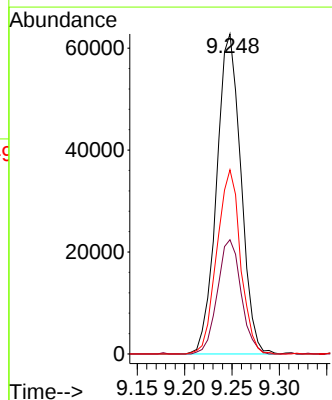
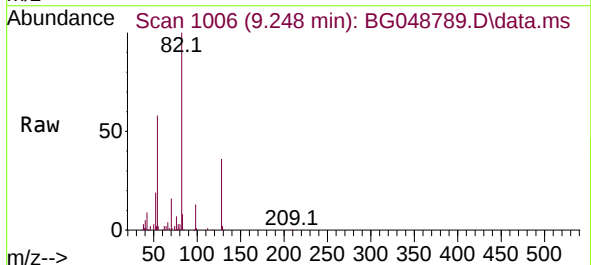
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

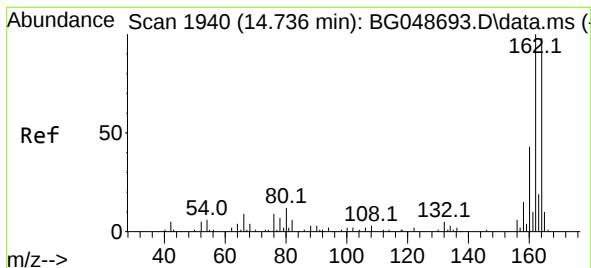
Tgt Ion:	136	Resp:	77604
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	5.0	5.5	8.3#
68	2.6	2.3	3.5



#23
Nitrobenzene-d5
Concen: 64.57 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:	82	Resp:	111918
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.8	44.6
54	57.5	45.8	68.8

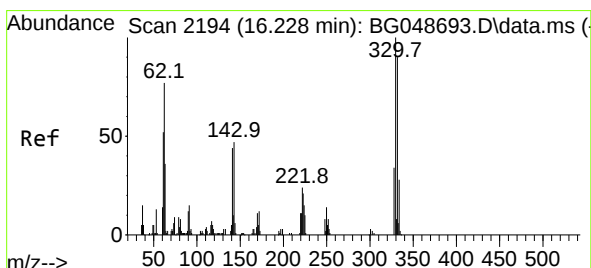
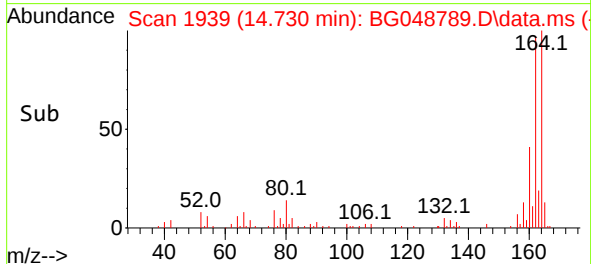
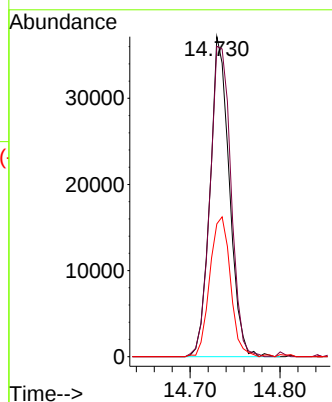
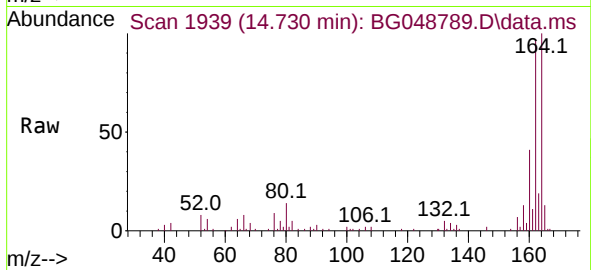




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

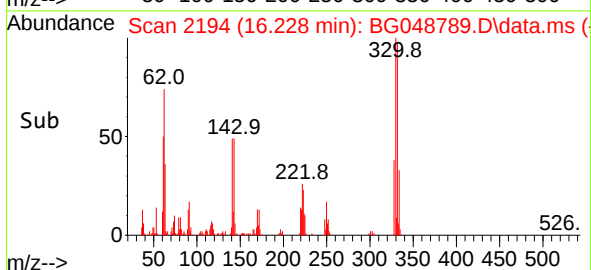
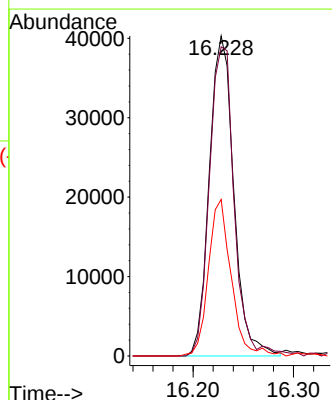
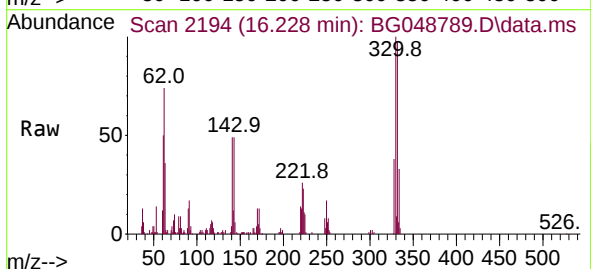
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

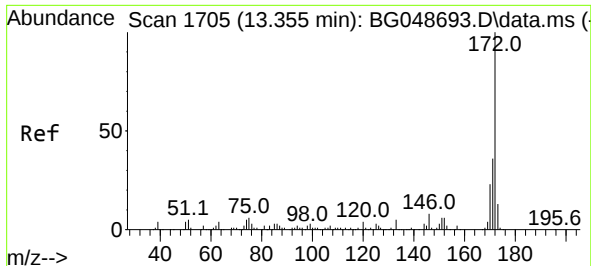
Tgt Ion:164 Resp: 55486
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 41.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 91.86 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:330 Resp: 68343
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 45.6 35.6 53.4

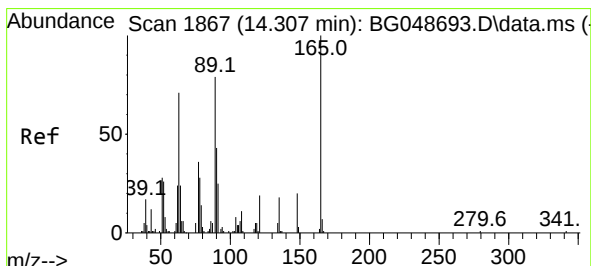
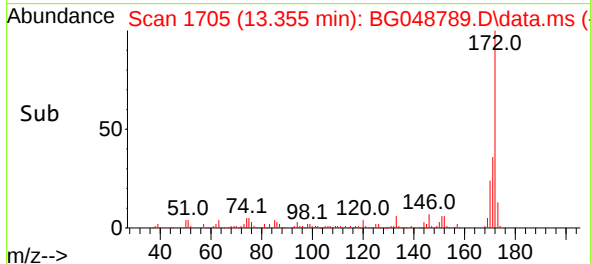
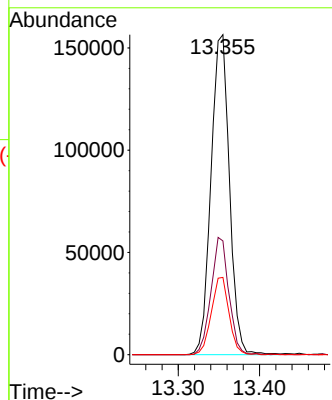
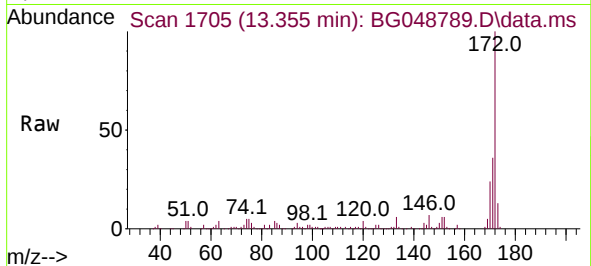




#45
2-Fluorobiphenyl
Concen: 64.17 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

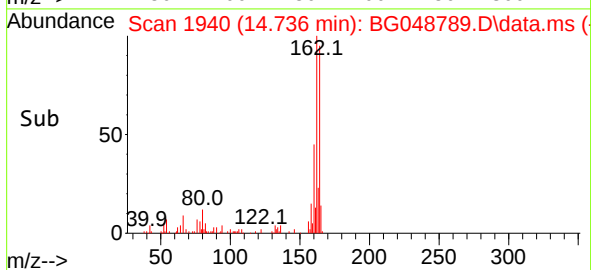
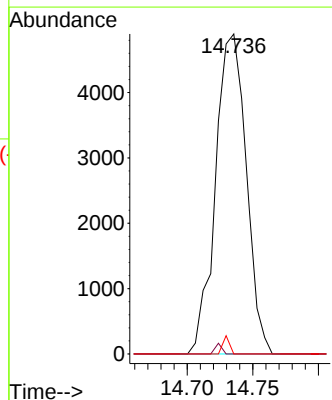
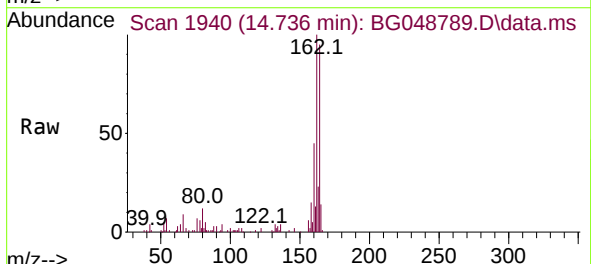
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BNA_G
ClientSampleId :
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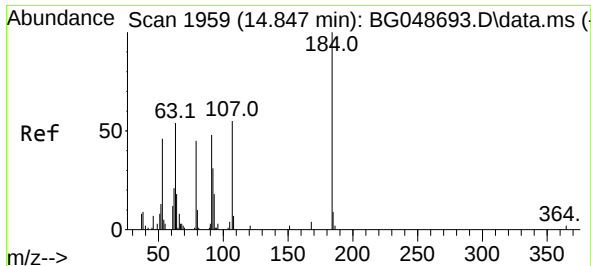
Tgt Ion:172 Resp: 246558
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:165 Resp: 7983
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

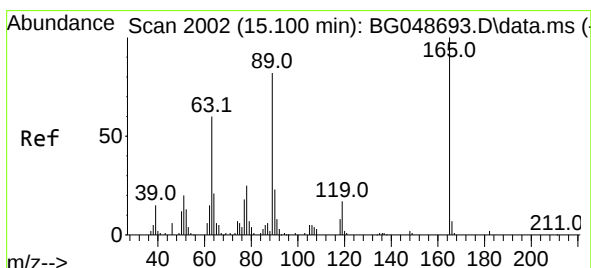
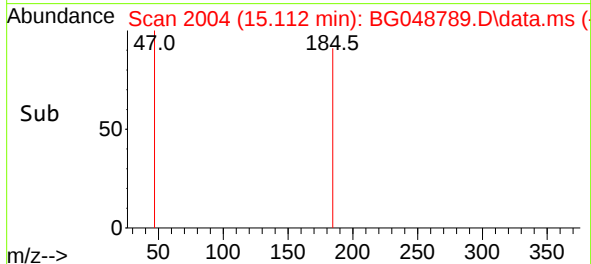
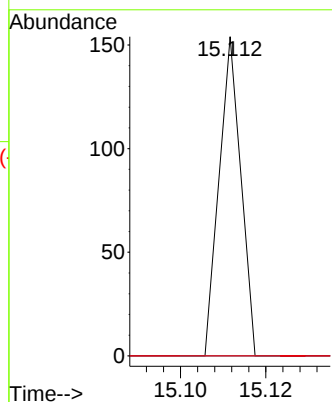
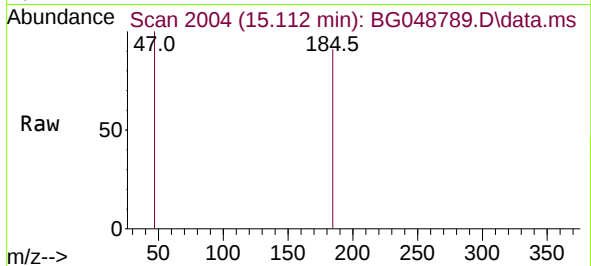




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 15.112 min Scan# 2004
Delta R.T. 0.257 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

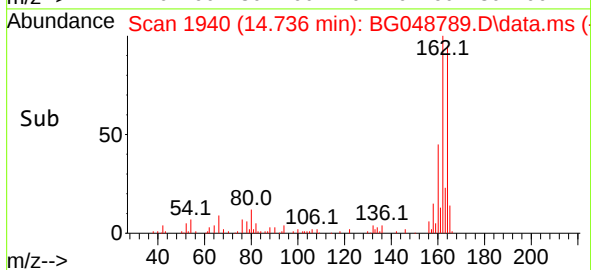
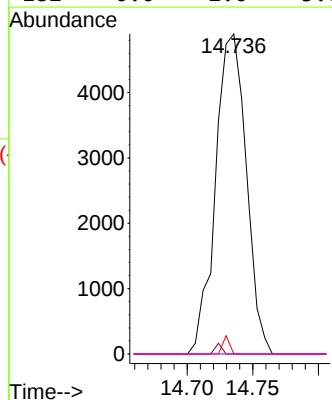
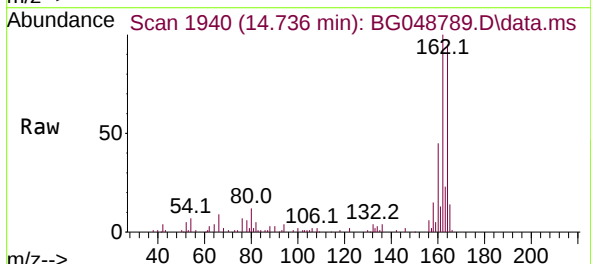
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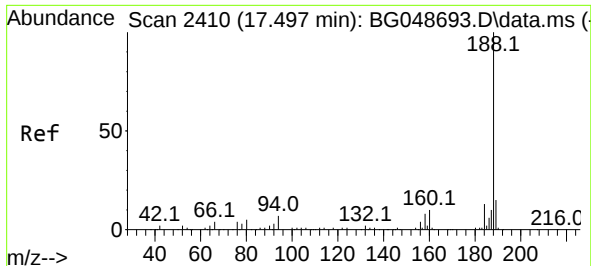
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:165 Resp: 7983
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#

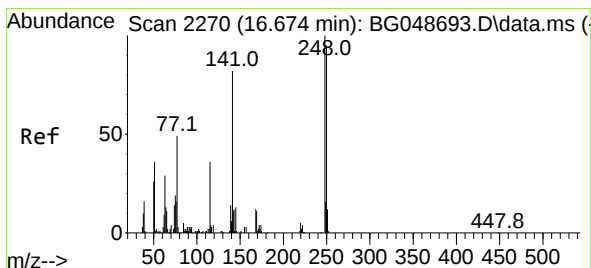
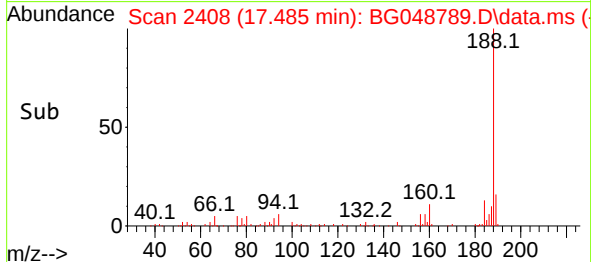
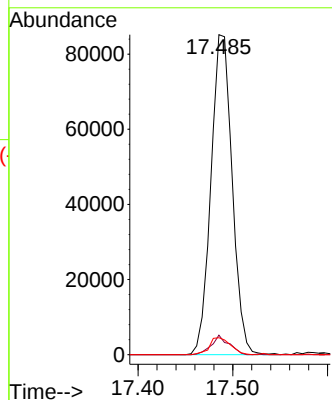
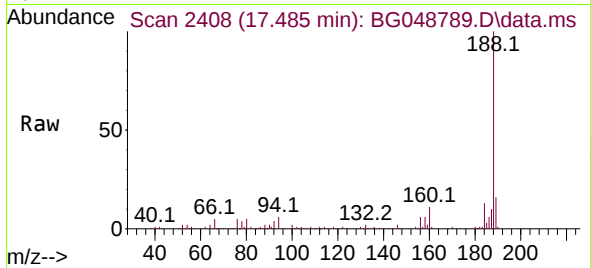




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

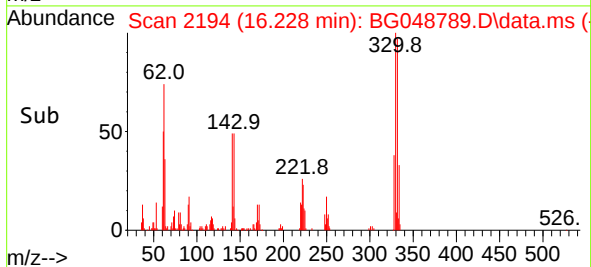
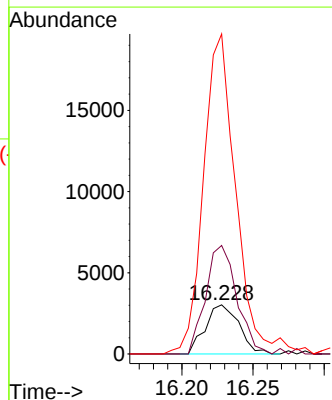
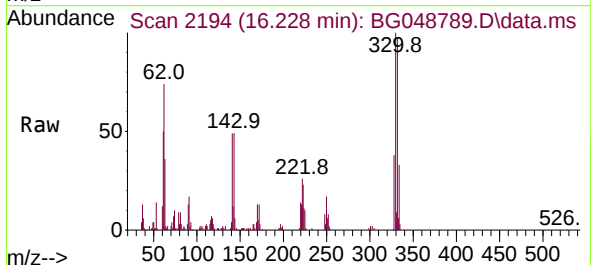
Instrument :
BNA_G
ClientSampled :
SB-14-0-2.0

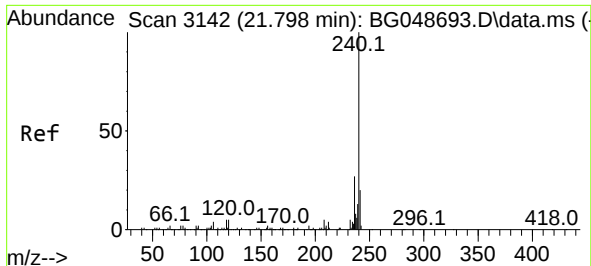
Tgt Ion:188 Resp: 132443
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 5.3 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:248 Resp: 4967
Ion Ratio Lower Upper
248 100
250 220.7 76.1 114.1#
141 650.9 65.4 98.2#

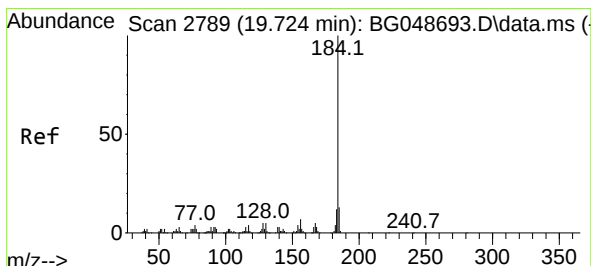
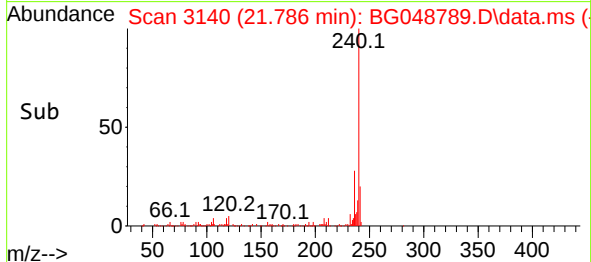
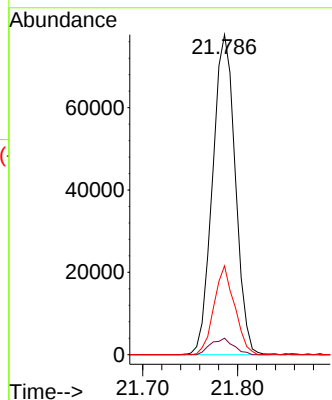
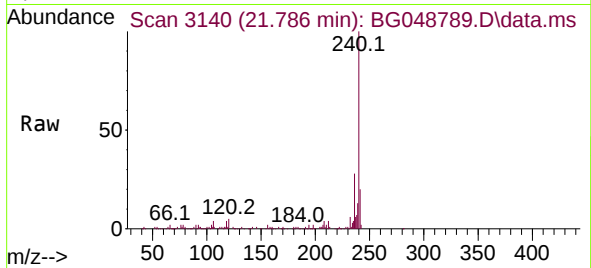




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

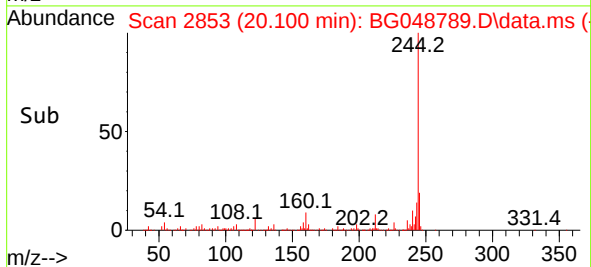
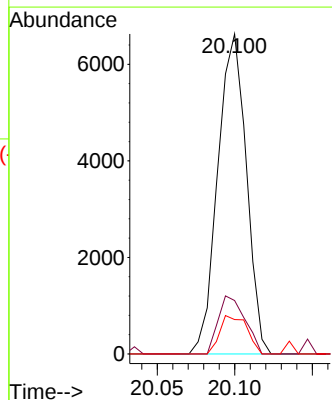
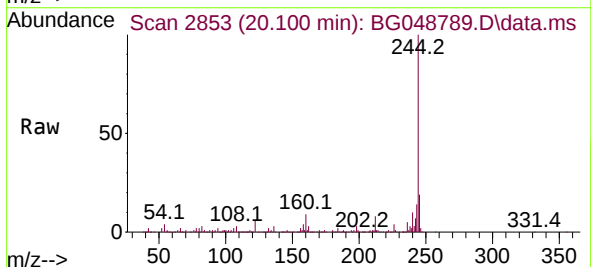
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

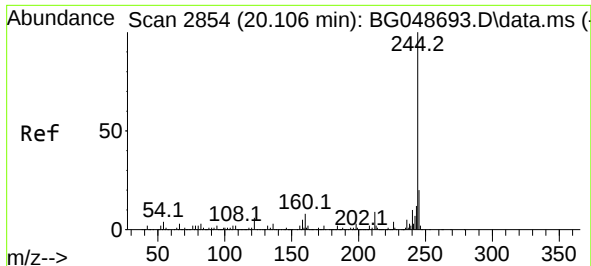
Tgt Ion:240 Resp: 129438
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 27.8 21.8 32.6



#77
Benzidine
Concen: 2.42 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:184 Resp: 8492
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 10.7 9.4 14.0

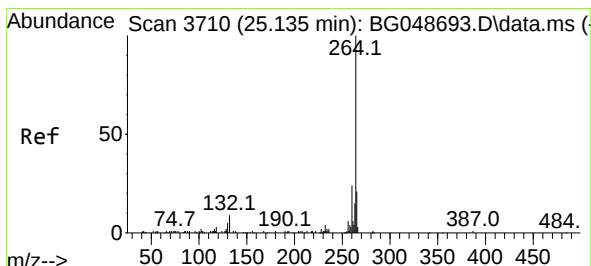
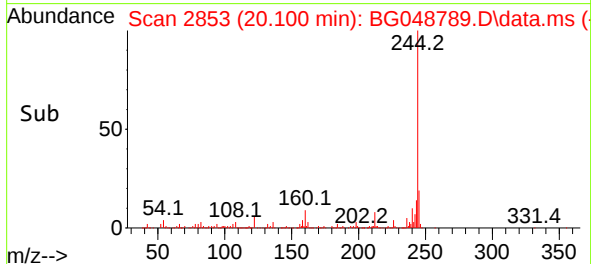
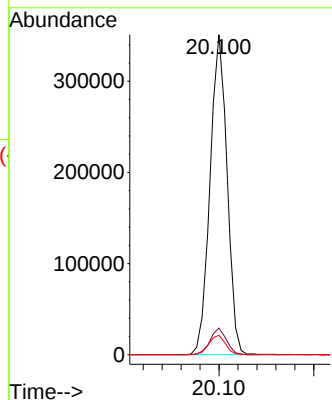
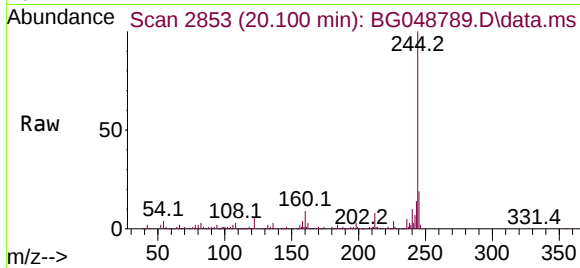




#79
Terphenyl-d14
Concen: 58.16 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048789.D
Acq: 20 Apr 2021 8:26

Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

Tgt Ion:244	Resp: 437401
Ion Ratio	Lower Upper
244 100	
212 8.3	6.9 10.3
122 6.1	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: BG048789.D
Acq: 20 Apr 2021 8:26

Tgt Ion:264	Resp: 130023
Ion Ratio	Lower Upper
264 100	
260 21.4	19.4 29.2
265 23.5	16.9 25.3

