

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048095.D
 Acq On : 3 Feb 2021 17:35
 Operator : CG/JU
 Sample : PB134441BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134441BL

Quant Time: Feb 03 23:58:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

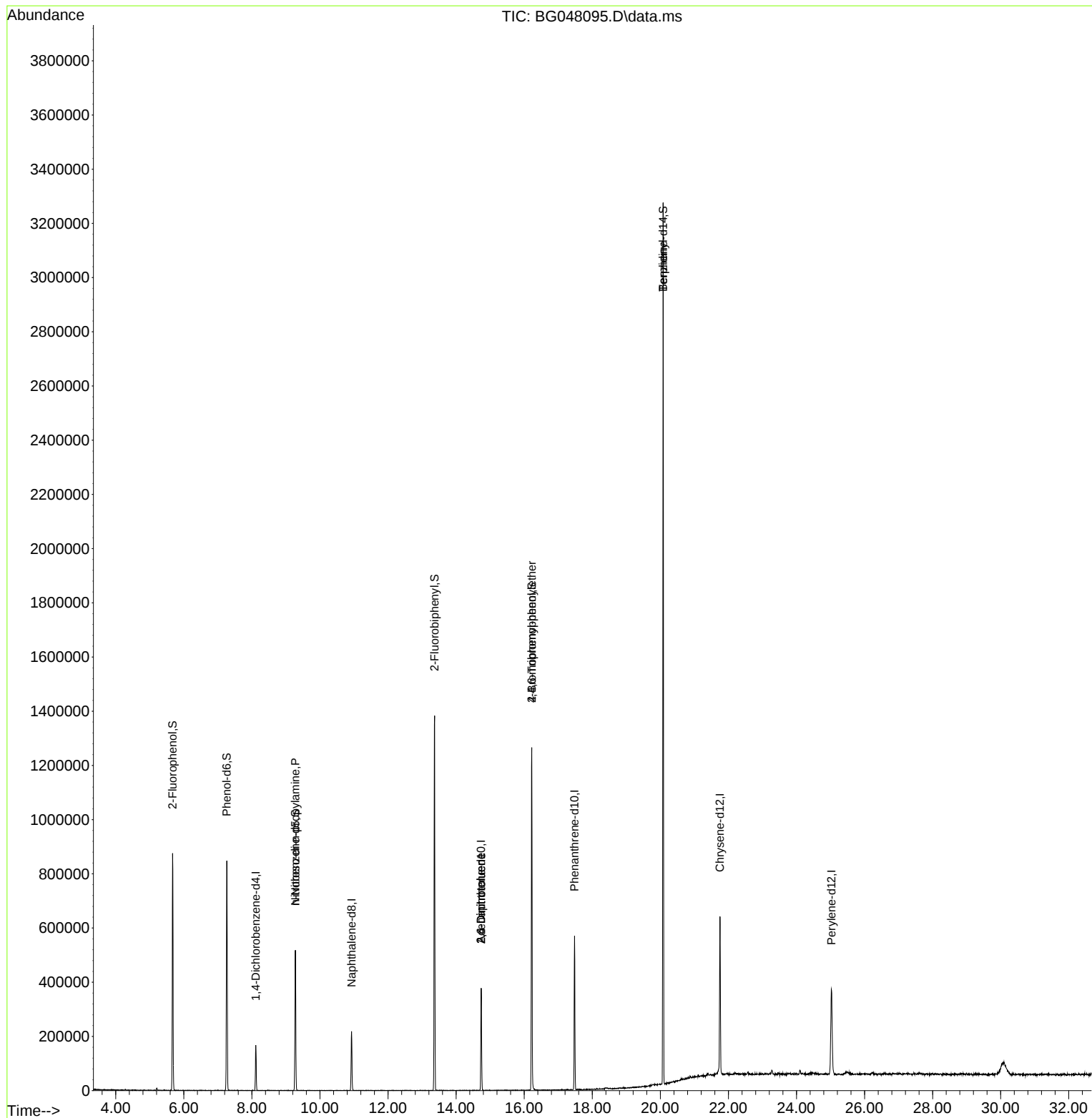
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	45048	20.00	ng	# 0.00
21) Naphthalene-d8	10.929	136	172021	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	130432	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	351926	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	370168	20.00	ng	#-0.01
86) Perylene-d12	25.024	264	355031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	346870	118.34	ng	0.00
7) Phenol-d6	7.263	99	465557	104.46	ng	0.00
23) Nitrobenzene-d5	9.278	82	315825	72.64	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	251009	115.54	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	721100	71.48	ng	0.00
79) Terphenyl-d14	20.083	244	1371006	64.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.278	70	46332	14.24	ng	# 76
51) 2,6-Dinitrotoluene	14.736	165	16198	6.60	ng	# 35
57) 2,4-Dinitrotoluene	14.736	165	16198	4.57	ng	# 33
67) 4-Bromophenyl-phenylether	16.223	248	17609	3.74	ng	# 1
77) Benzidine	20.083	184	24510	2.30	ng	98

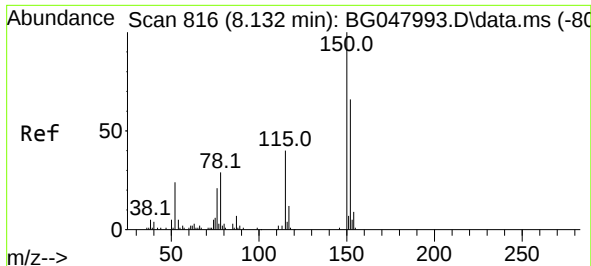
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

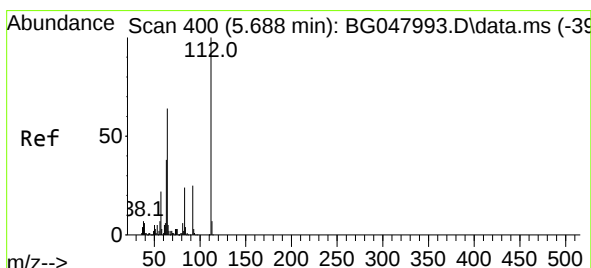
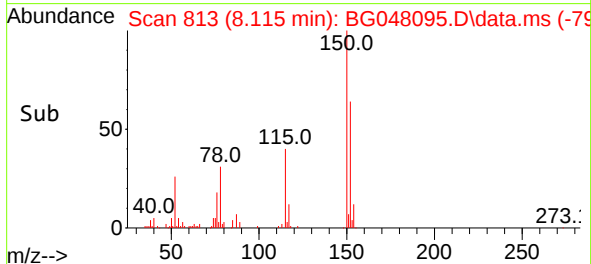
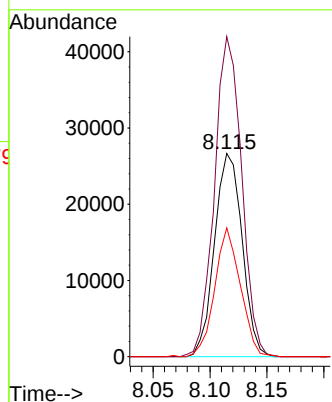
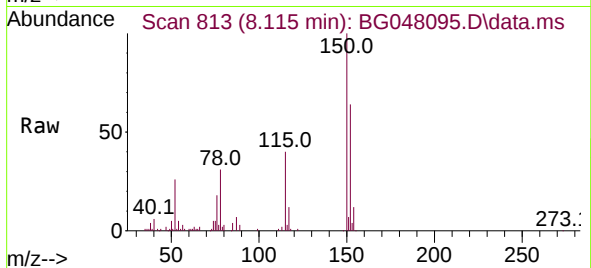




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

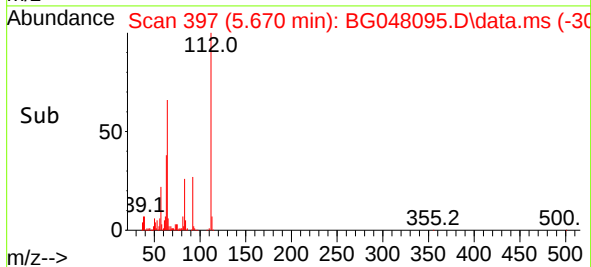
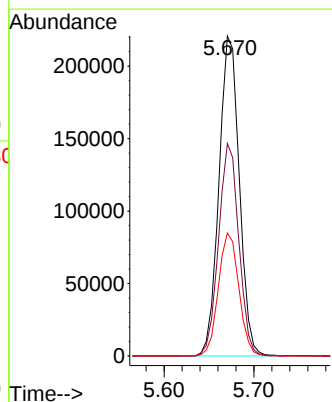
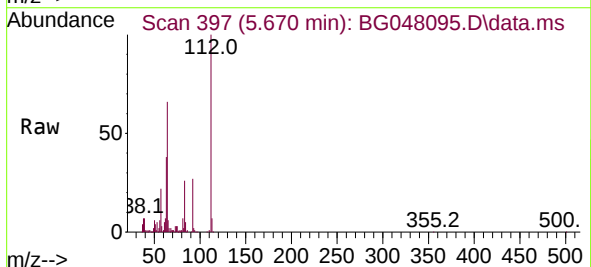
Instrument :
BNA_G
ClientSampleId :
PB134441BL

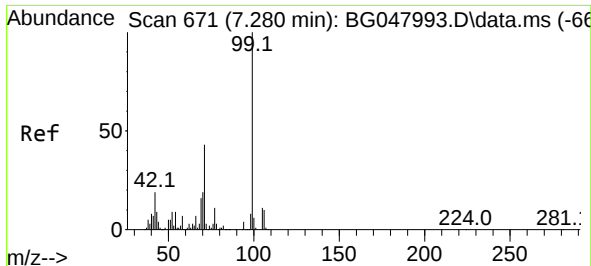
Tgt Ion:152 Resp: 45048
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.6
115 63.4 41.8 62.6#



#5
2-Fluorophenol
Concen: 118.34 ng
RT: 5.670 min Scan# 397
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion:112 Resp: 346870
Ion Ratio Lower Upper
112 100
64 66.4 46.7 70.1
63 38.4 22.8 34.2#

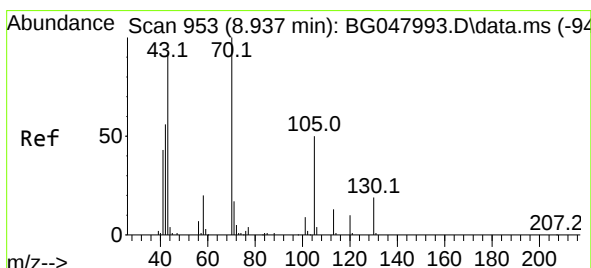
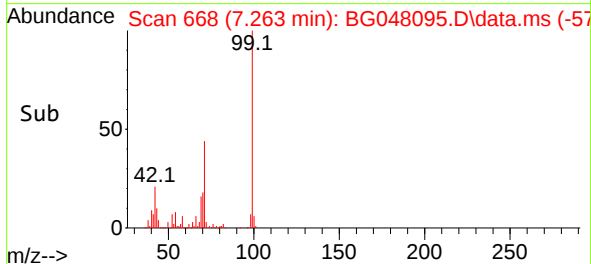
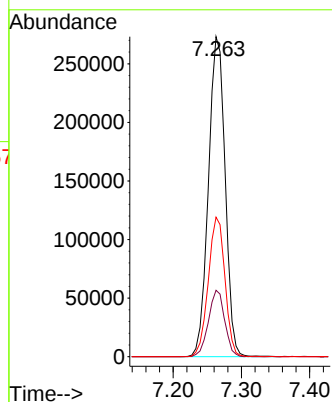
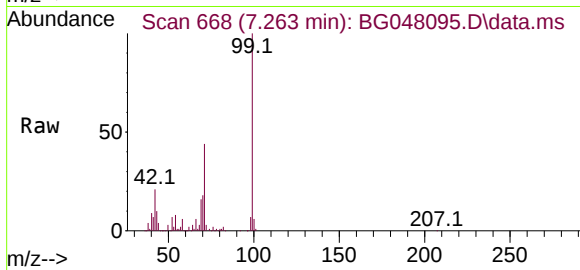




#7
Phenol-d6
Concen: 104.46 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

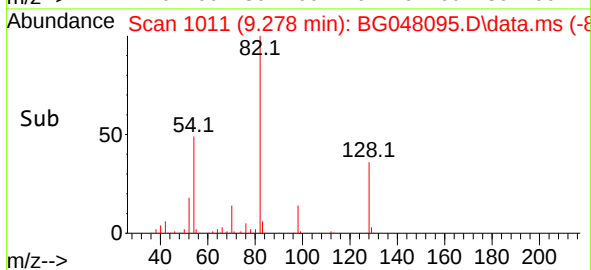
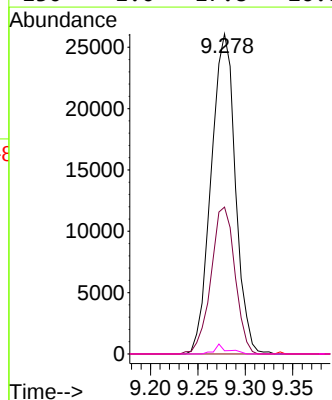
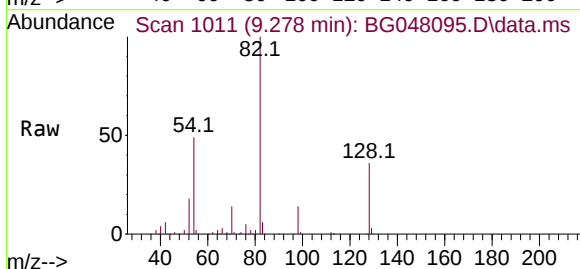
Instrument :
BNA_G
ClientSampleId :
PB134441BL

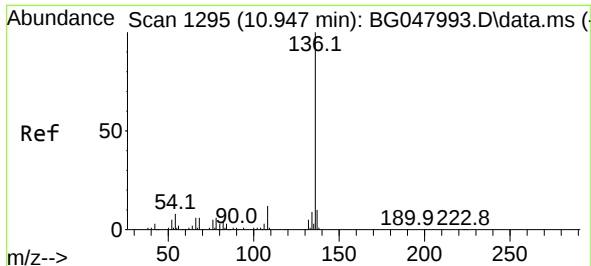
Tgt Ion: 99 Resp: 465557
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 43.6 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.24 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.353 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion: 70 Resp: 46332
Ion Ratio Lower Upper
70 100
42 45.9 45.6 68.4
101 0.0 8.4 12.6#
130 1.0 17.8 26.8#



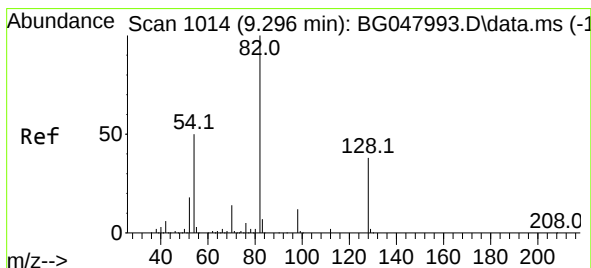
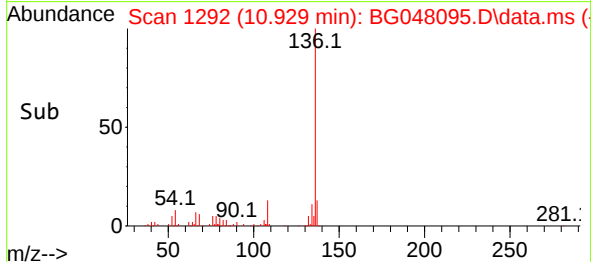
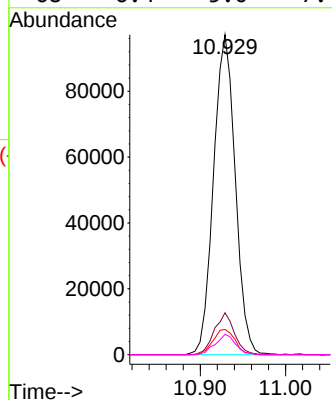
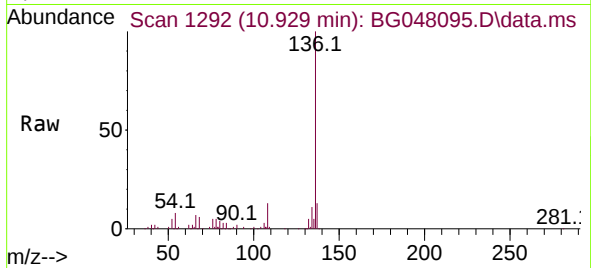


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Instrument :
BNA_G
ClientSampleId :
PB134441BL

Tgt Ion:136 Resp: 172021

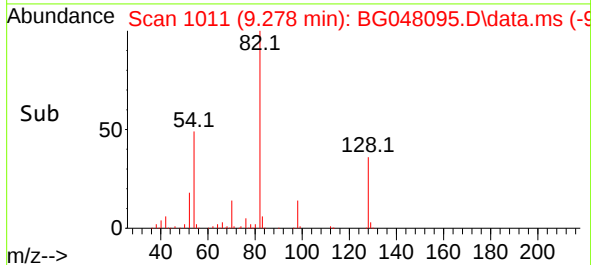
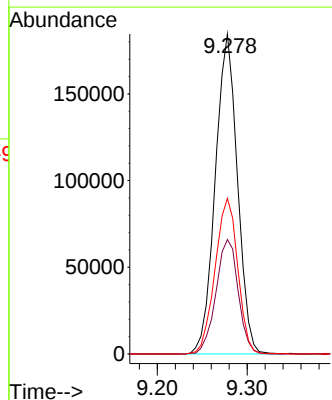
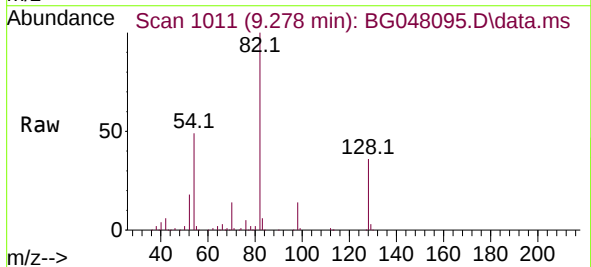
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.1	13.7
54	7.9	6.2	9.4
68	6.4	5.0	7.4

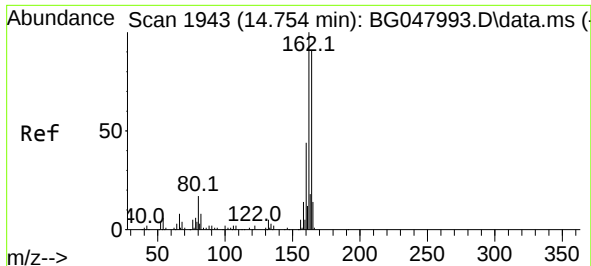


#23
Nitrobenzene-d5
Concen: 72.64 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion: 82 Resp: 315825

Ion	Ratio	Lower	Upper
82	100		
128	35.8	37.0	55.6#
54	48.6	39.0	58.4

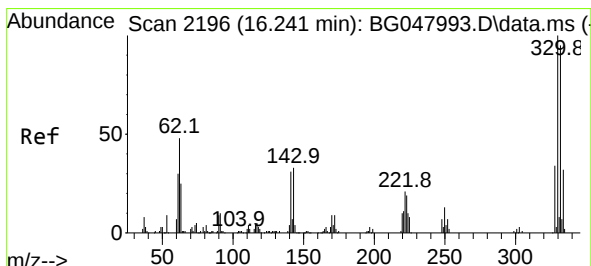
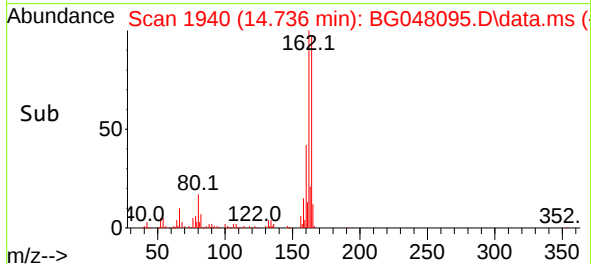
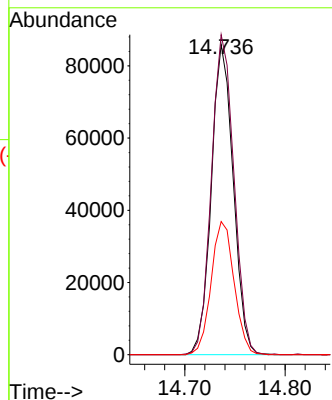
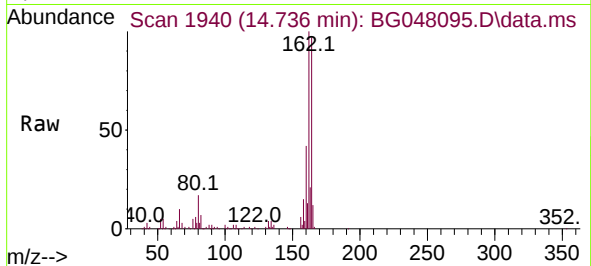




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

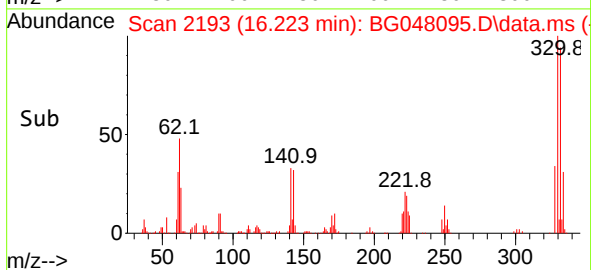
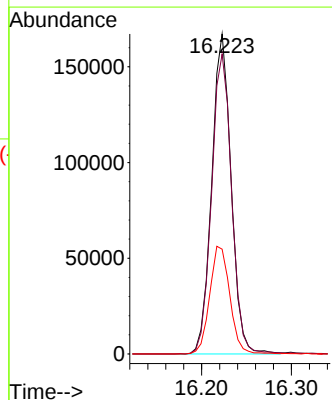
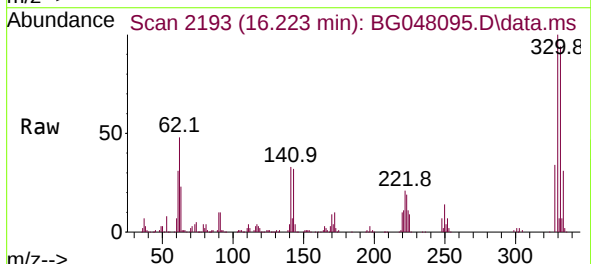
Instrument :
BNA_G
ClientSampleId :
PB134441BL

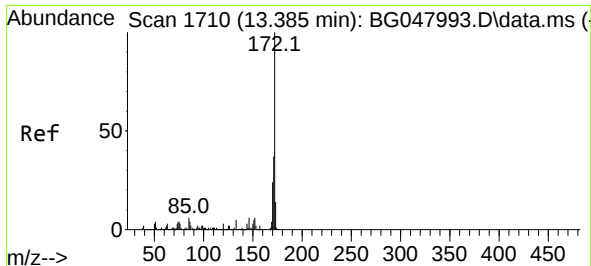
Tgt Ion:164 Resp: 130432
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 42.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 115.54 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion:330 Resp: 251009
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.9 26.0 39.0

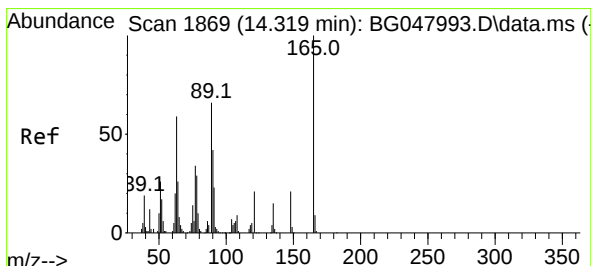
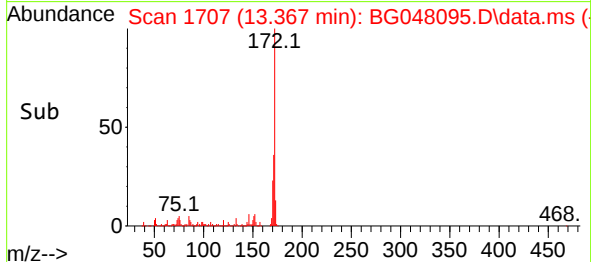
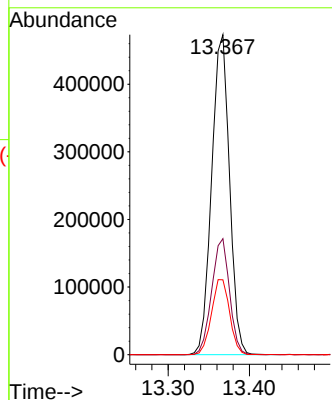
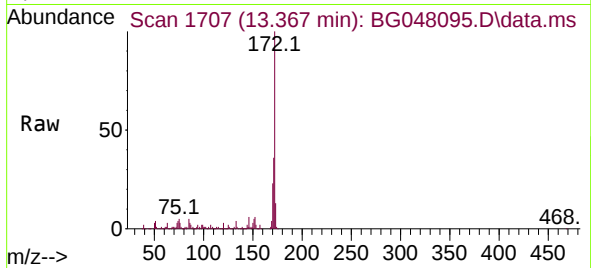




#45
2-Fluorobiphenyl
Concen: 71.48 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

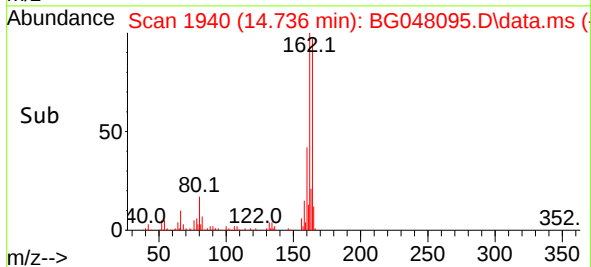
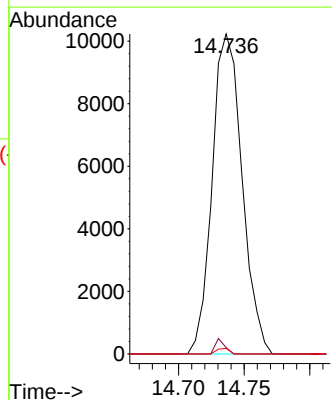
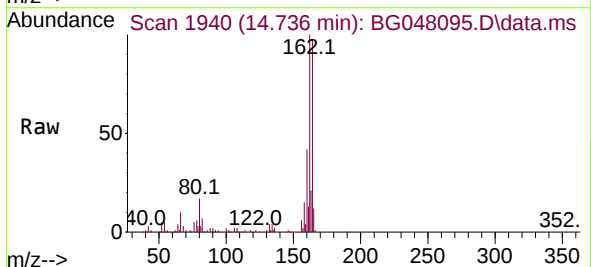
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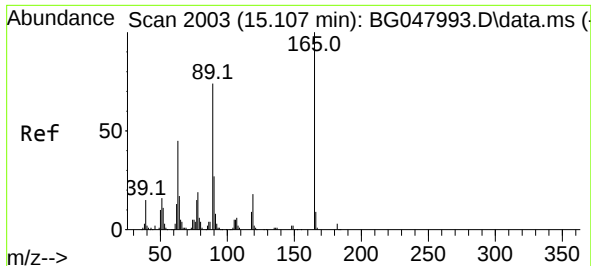
Tgt Ion:172 Resp: 721100
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 23.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.60 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.430 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

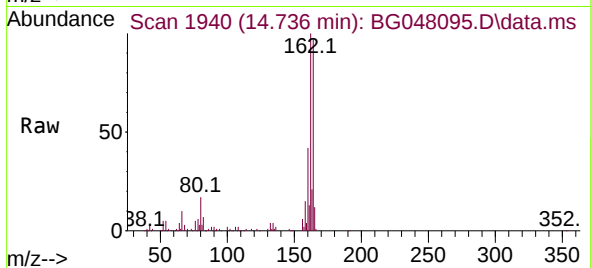
Tgt Ion:165 Resp: 16198
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 1.8 36.6 54.8#



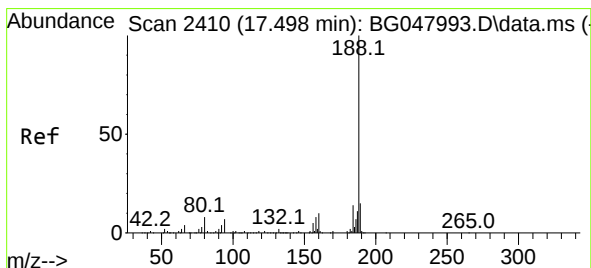
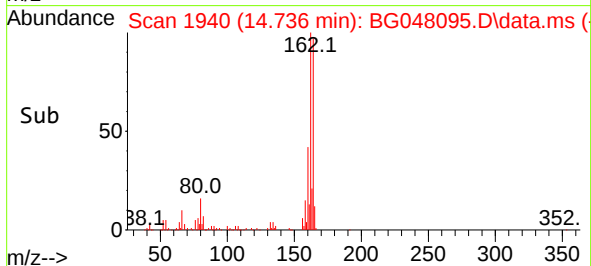
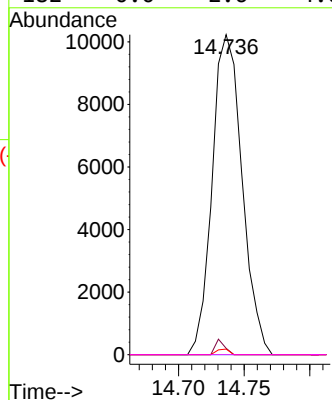


#57
2,4-Dinitrotoluene
Concen: 4.57 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.357 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Instrument :
BNA_G
ClientSampleId :
PB134441BL

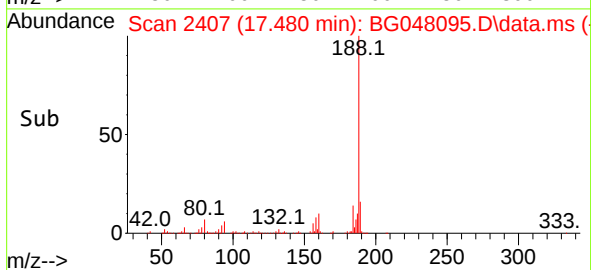
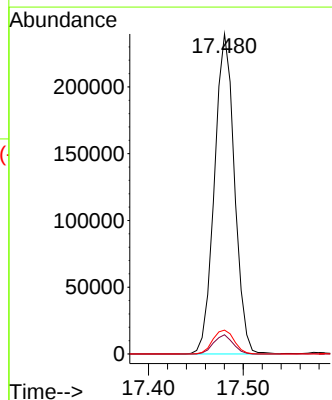
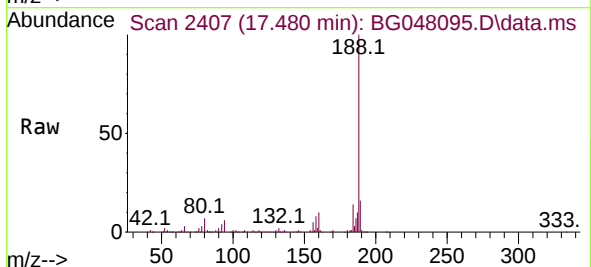


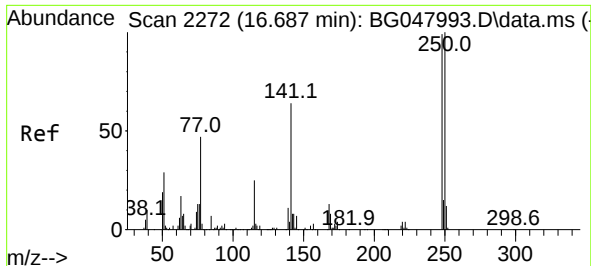
Tgt Ion:165 Resp: 16198
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion:188 Resp: 351926
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.4 7.0 10.6

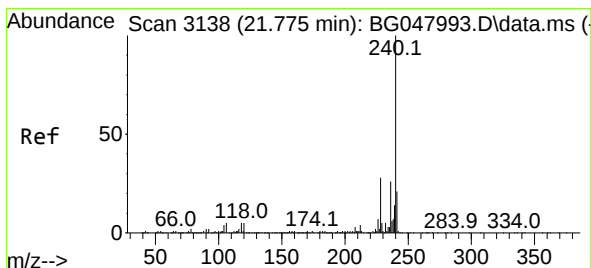
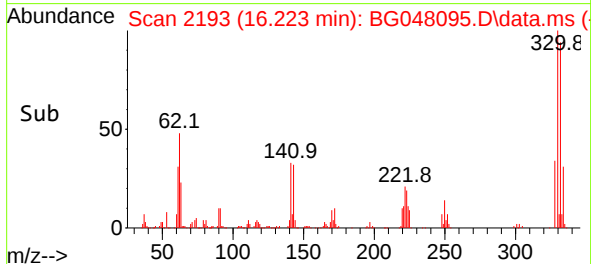
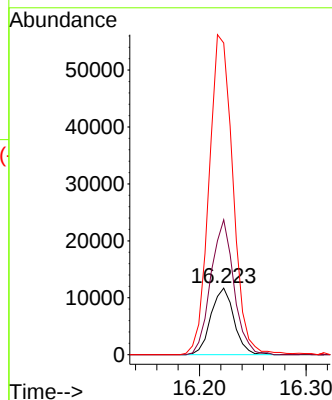
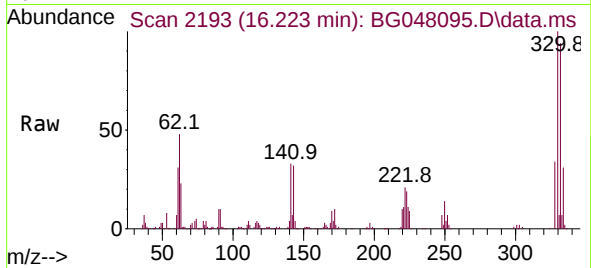




#67
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

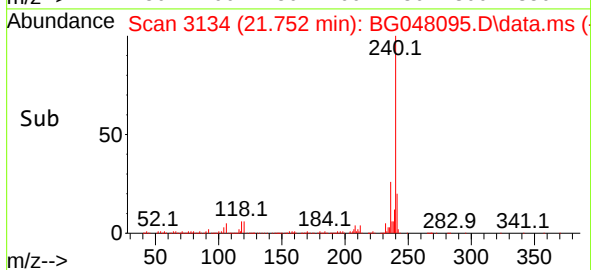
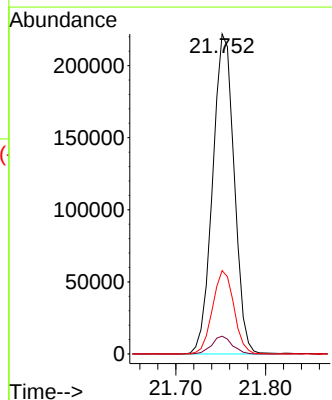
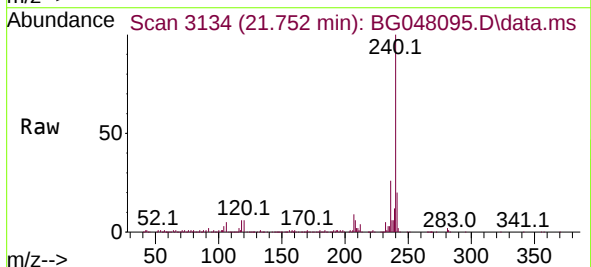
Instrument :
BNA_G
ClientSampleId :
PB134441BL

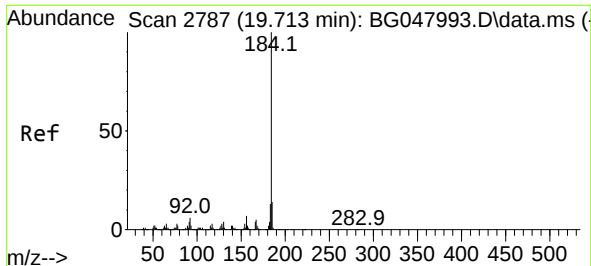
Tgt Ion:248 Resp: 17609
Ion Ratio Lower Upper
248 100
250 202.6 78.9 118.3#
141 468.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

Tgt Ion:240 Resp: 370168
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.0 20.5 30.7

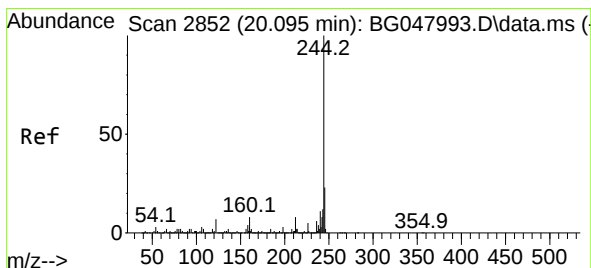
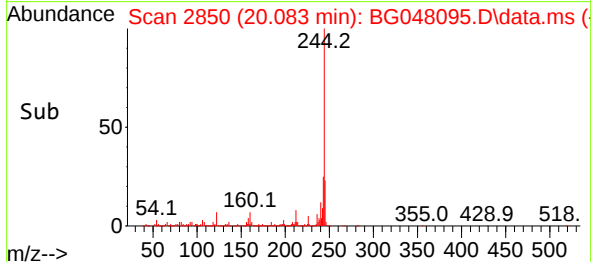
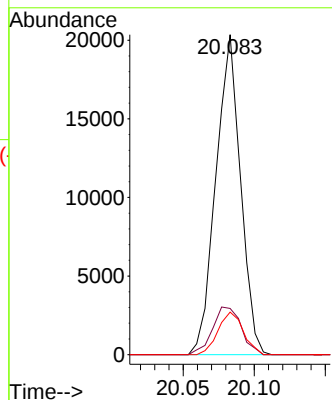
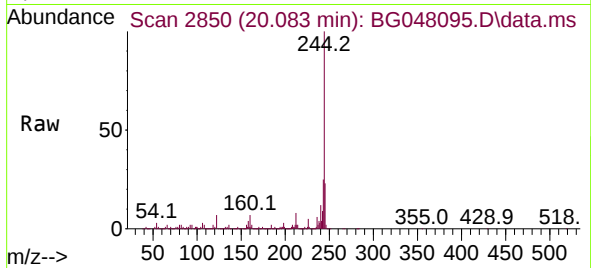




#77
Benzidine
Concen: 2.30 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.383 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

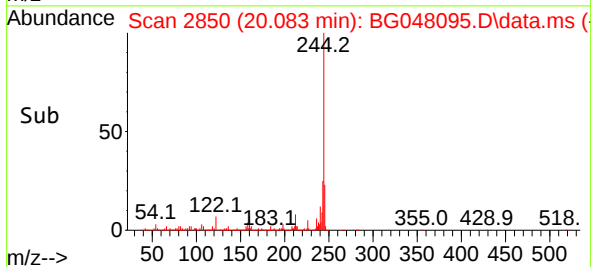
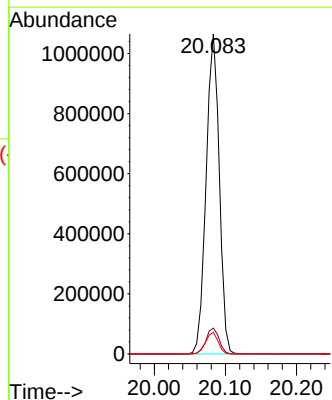
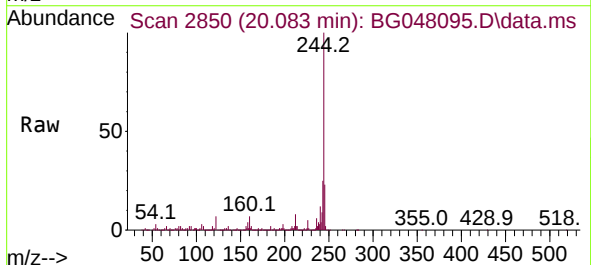
Instrument :
BNA_G
ClientSampleId :
PB134441BL

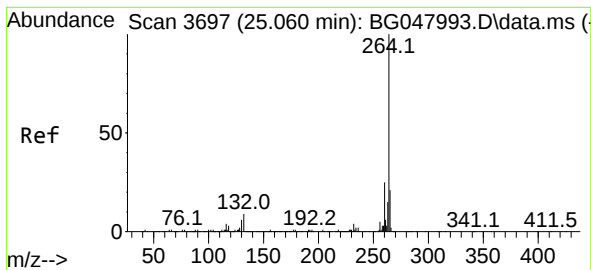
Tgt Ion:184 Resp: 24510
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 13.3 10.6 15.8



#79
Terphenyl-d14
Concen: 64.22 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG048095.D
Acq: 3 Feb 2021 17:35

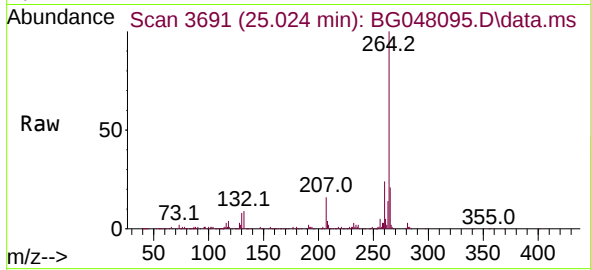
Tgt Ion:244 Resp: 1371006
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 6.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.024 min Scan# 3691
 Delta R.T. -0.017 min
 Lab File: BG048095.D
 Acq: 3 Feb 2021 17:35

Instrument :
 BNA_G
 ClientSampleId :
 PB134441BL



Tgt Ion:264	Resp:	355031
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.8 28.2
265	20.9	17.8 26.8

