

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020221\
 Data File : BG048077.D
 Acq On : 2 Feb 2021 15:09
 Operator : CG/JU
 Sample : PB134420BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134420BL

Quant Time: Feb 02 15:46:00 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)

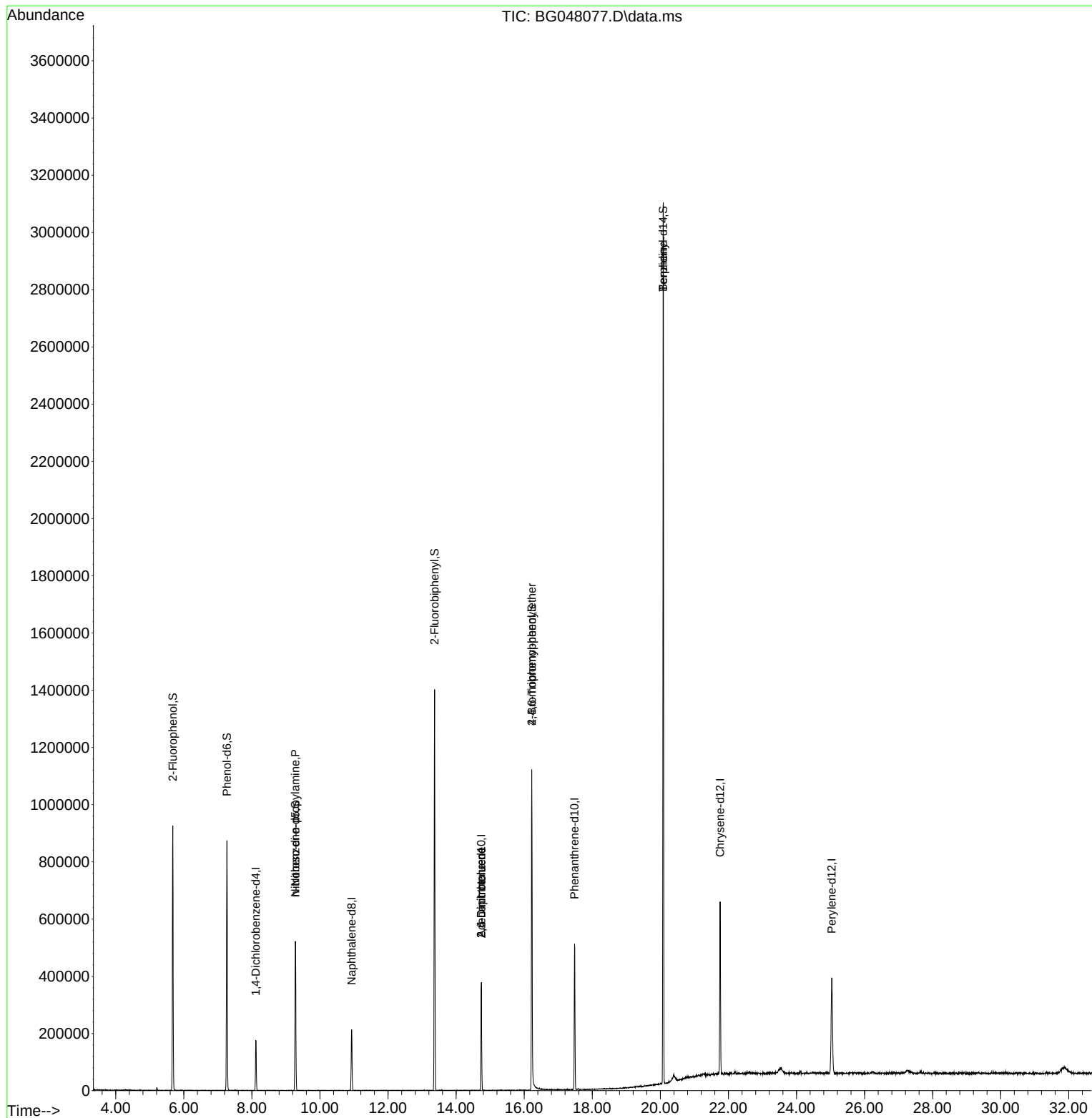
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	47047	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	175318	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	126721	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	329767	20.00	ng	# 0.00
76) Chrysene-d12	21.757	240	374323	20.00	ng	# 0.00
86) Perylene-d12	25.036	264	365706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	360359	117.71	ng	0.00
7) Phenol-d6	7.268	99	472145	101.44	ng	0.00
23) Nitrobenzene-d5	9.278	82	327447	73.90	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	230817	109.36	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	721582	73.62	ng	0.00
79) Terphenyl-d14	20.083	244	1406006	65.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.278	70	47432	13.96	ng	# 72
51) 2,6-Dinitrotoluene	14.742	165	16421	6.89	ng	# 33
57) 2,4-Dinitrotoluene	14.742	165	16421	4.77	ng	# 32
67) 4-Bromophenyl-phenylether	16.222	248	16116	3.66	ng	# 1
77) Benzidine	20.083	184	23805	2.20	ng	99

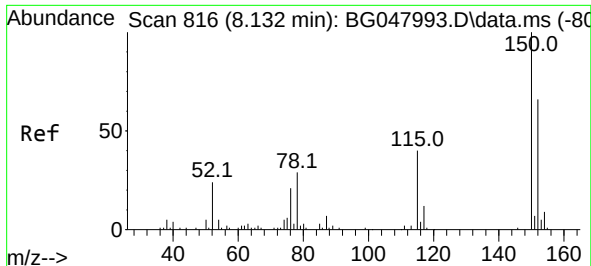
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

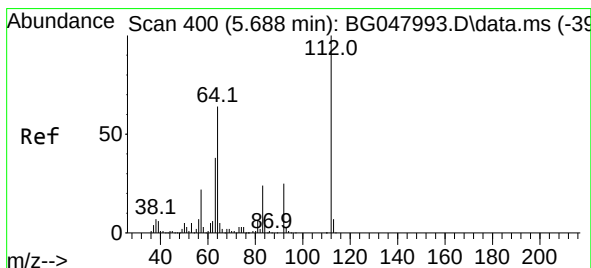
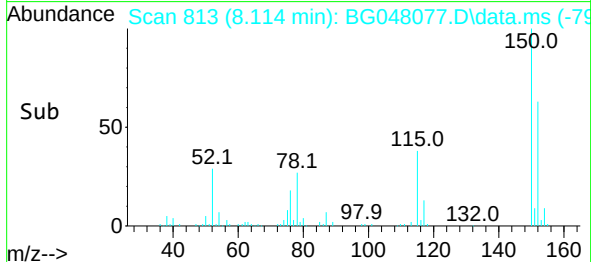
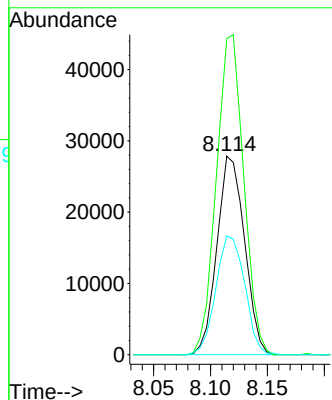
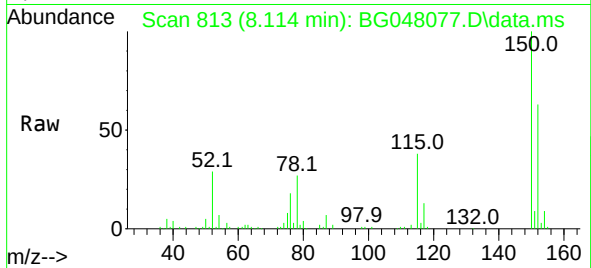




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

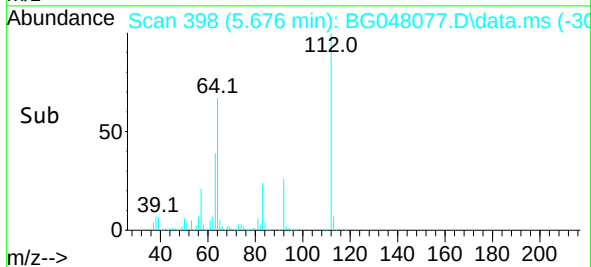
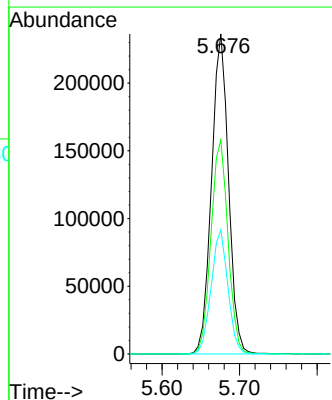
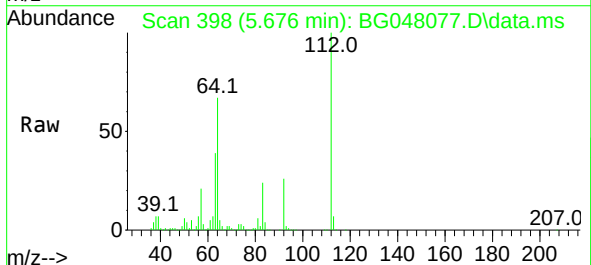
Instrument :
BNA_G
ClientSampleId :
PB134420BL

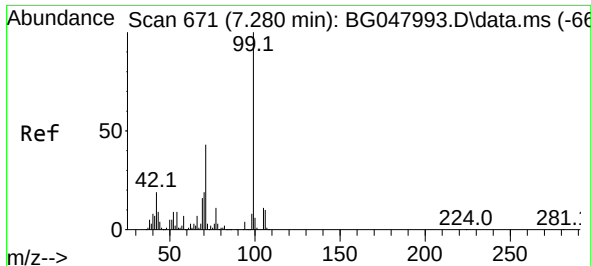
Tgt Ion:152 Resp: 47047
Ion Ratio Lower Upper
152 100
150 159.2 125.0 187.6
115 59.9 41.8 62.6



#5
2-Fluorophenol
Concen: 117.71 ng
RT: 5.676 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion:112 Resp: 360359
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 38.8 22.8 34.2#

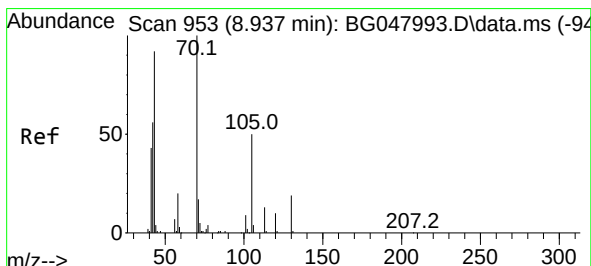
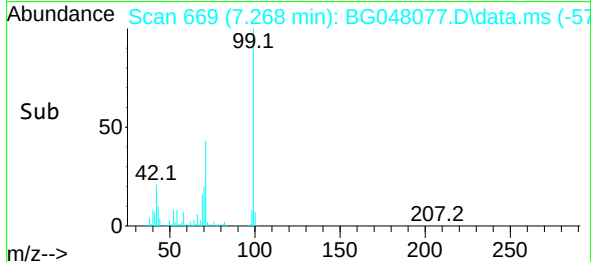
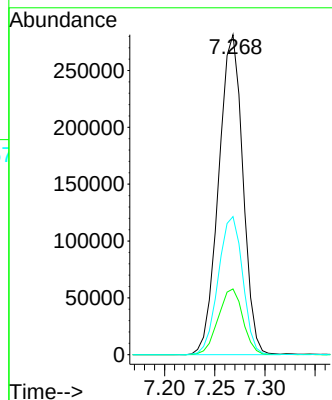
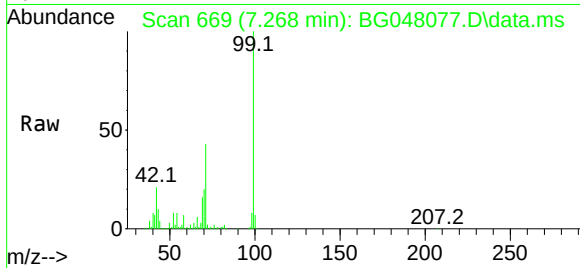




#7
Phenol-d6
Concen: 101.44 ng
RT: 7.268 min Scan# 669
Delta R.T. 0.000 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

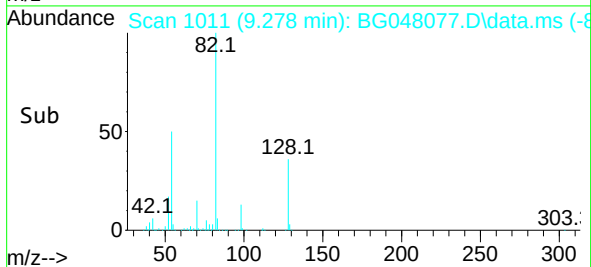
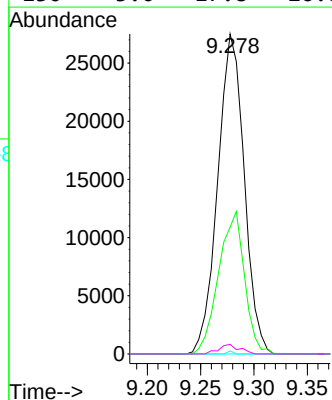
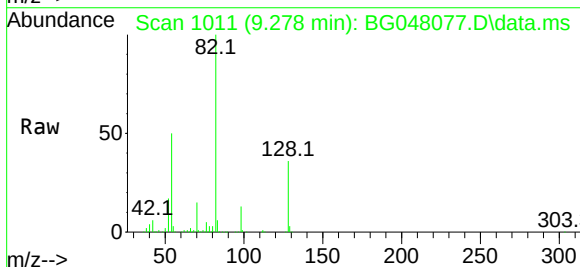
Instrument :
BNA_G
ClientSampleId :
PB134420BL

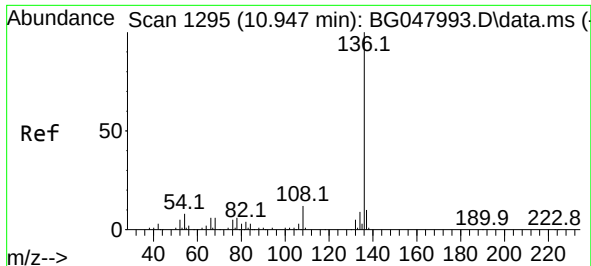
Tgt Ion: 99 Resp: 472145
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 43.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.96 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.353 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion: 70 Resp: 47432
Ion Ratio Lower Upper
70 100
42 39.6 45.6 68.4#
101 0.9 8.4 12.6#
130 3.0 17.8 26.8#



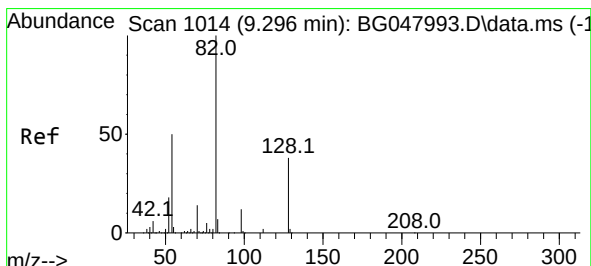
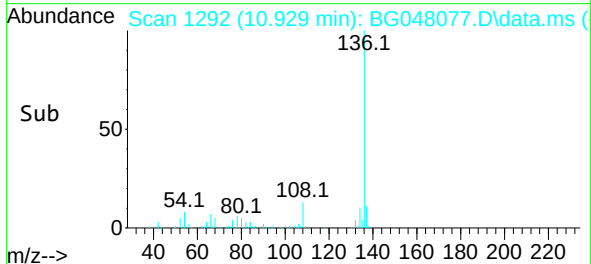
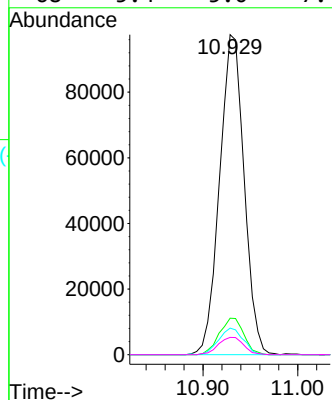
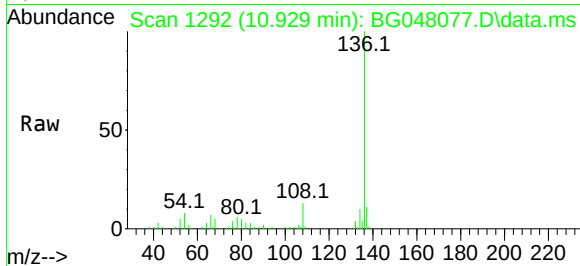


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Instrument :
BNA_G
ClientSampleId :
PB134420BL

Tgt Ion:136 Resp: 175318

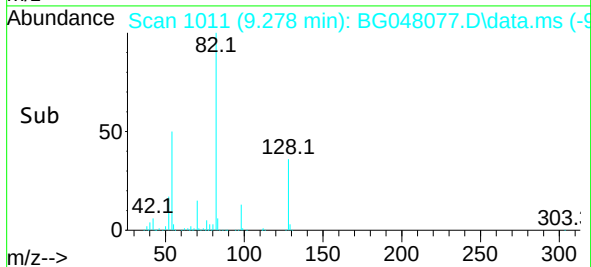
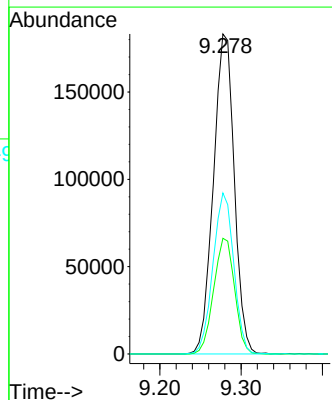
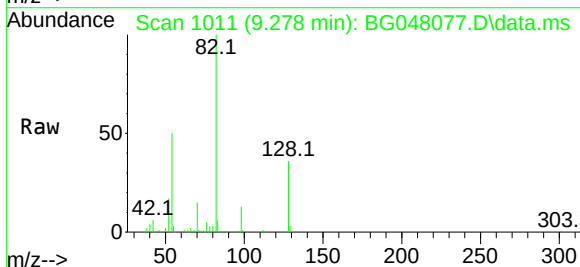
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.3	6.2	9.4
68	5.4	5.0	7.4

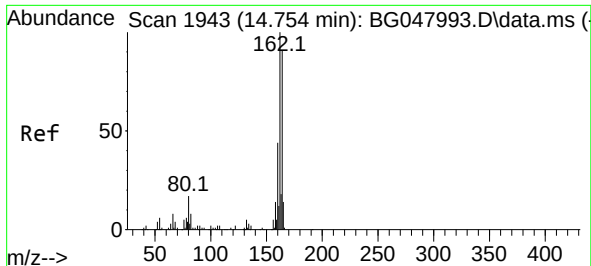


#23
Nitrobenzene-d5
Concen: 73.90 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion: 82 Resp: 327447

Ion	Ratio	Lower	Upper
82	100		
128	36.2	37.0	55.6#
54	50.3	39.0	58.4

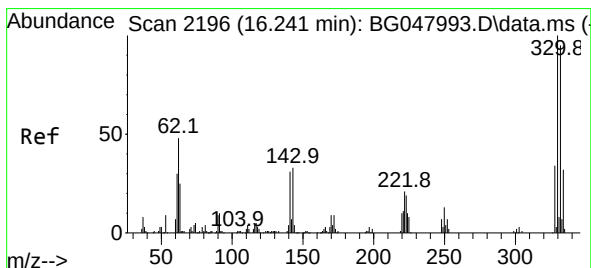
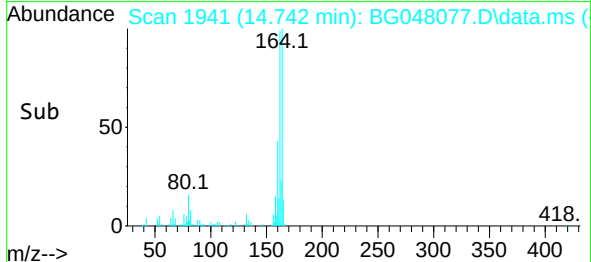
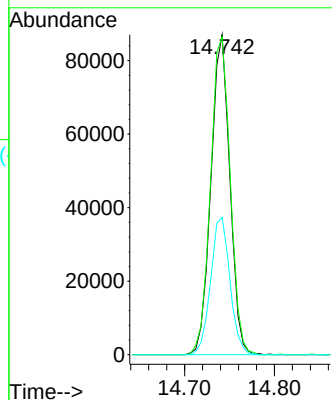
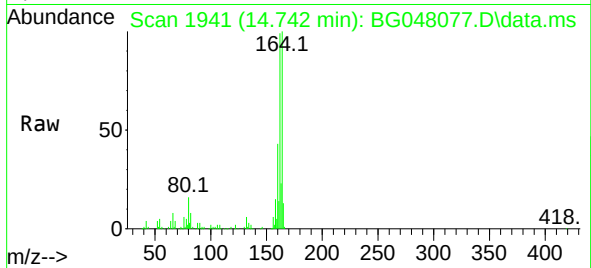




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

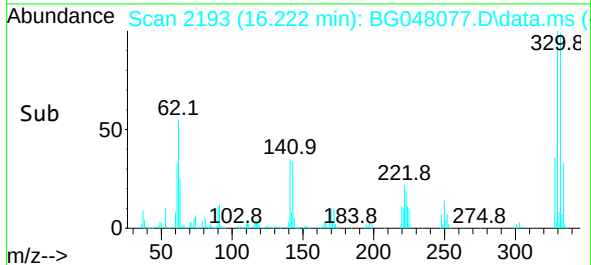
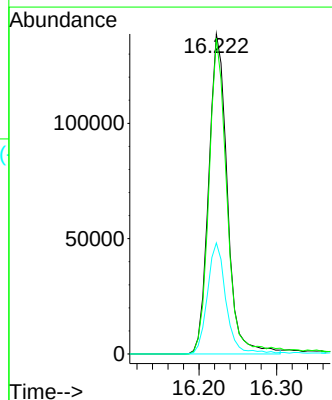
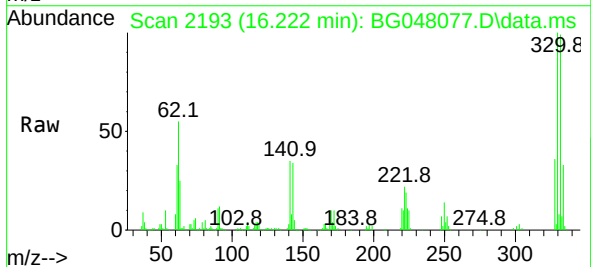
Instrument :
BNA_G
ClientSampleId :
PB134420BL

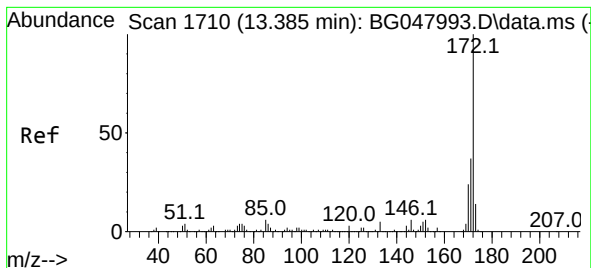
Tgt Ion:164 Resp: 126721
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 43.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 109.36 ng
RT: 16.222 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

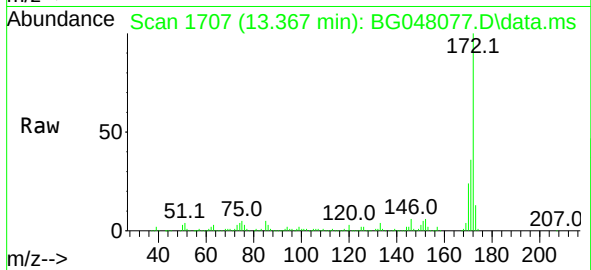
Tgt Ion:330 Resp: 230817
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 34.9 26.0 39.0



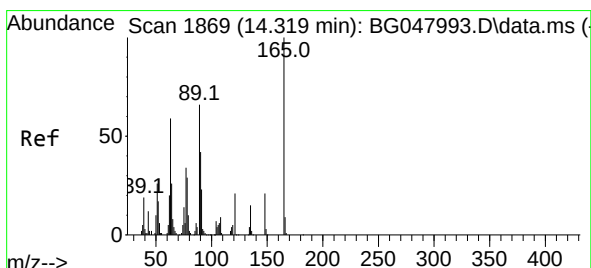
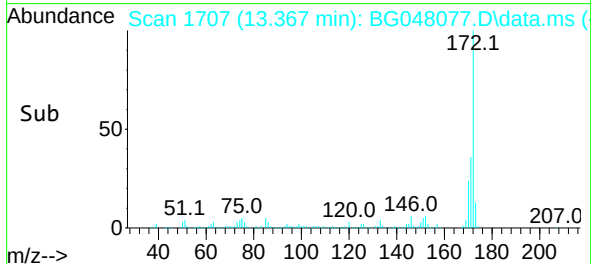
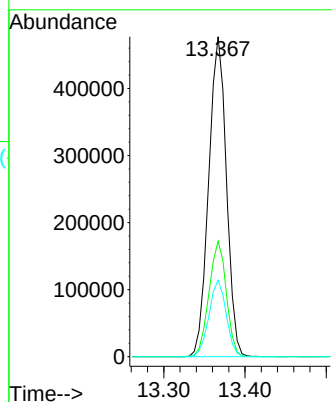


#45
2-Fluorobiphenyl
Concen: 73.62 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Instrument :
BNA_G
ClientSampleId :
PB134420BL

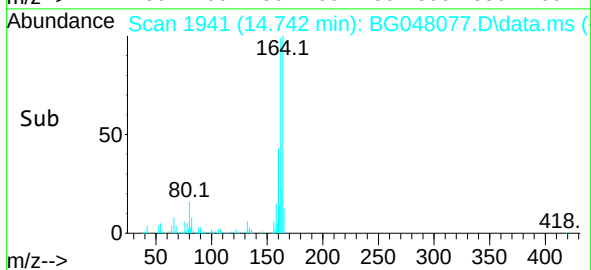
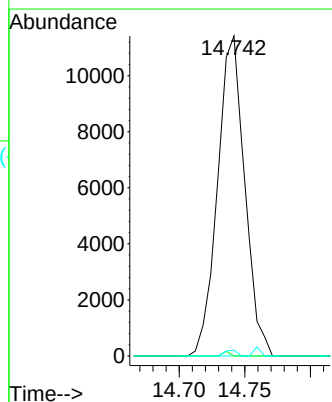
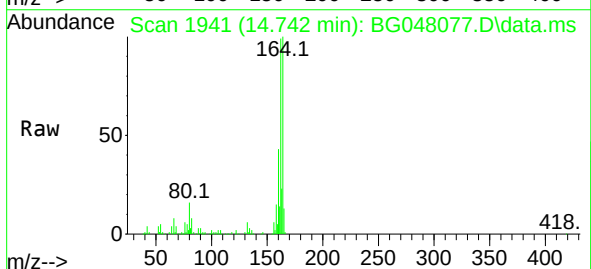


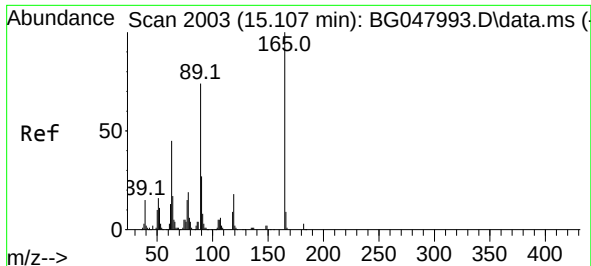
Tgt Ion:172 Resp: 721582
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 23.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.435 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion:165 Resp: 16421
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.8 36.6 54.8#

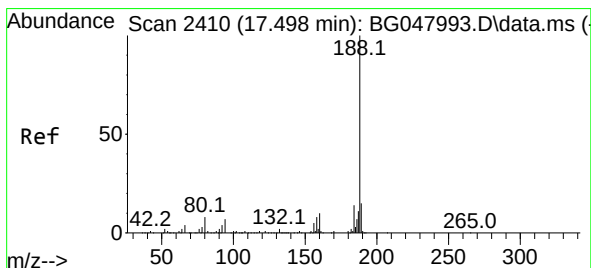
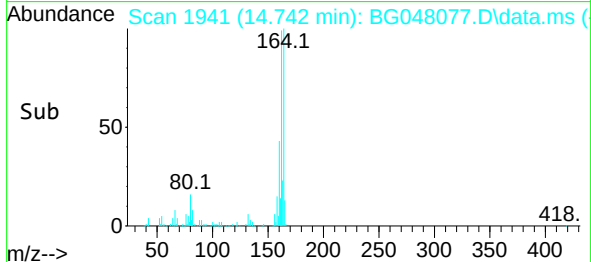
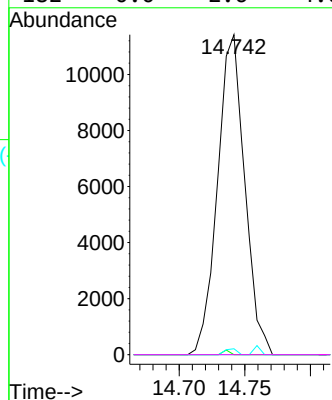
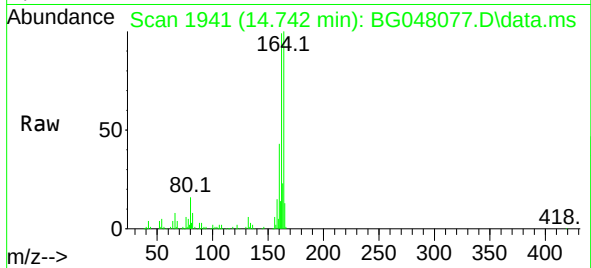




#57
2,4-Dinitrotoluene
Concen: 4.77 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.352 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

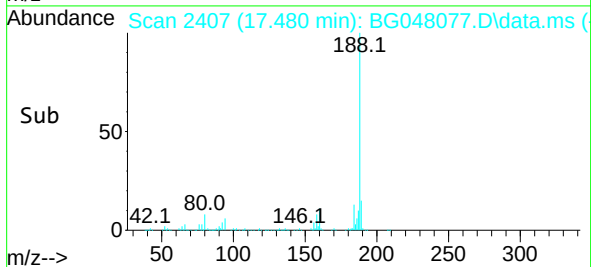
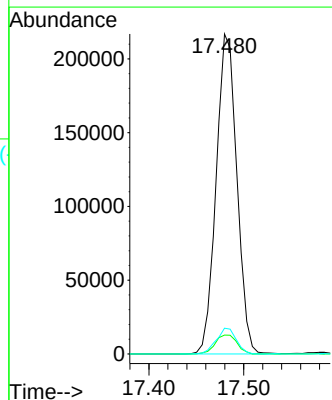
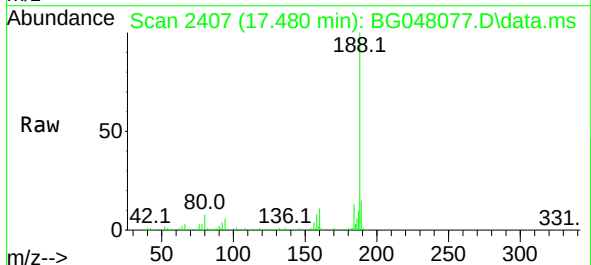
Instrument :
BNA_G
ClientSampleId :
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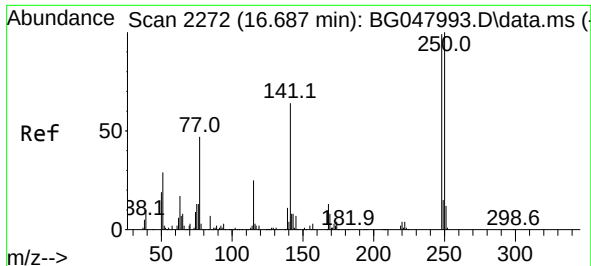
Tgt Ion:165 Resp: 16421
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion:188 Resp: 329767
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 8.0 7.0 10.6

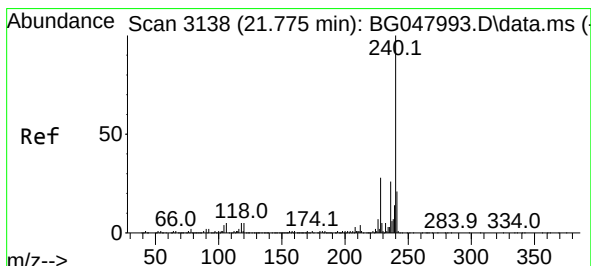
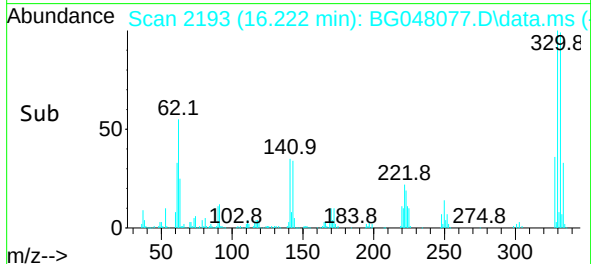
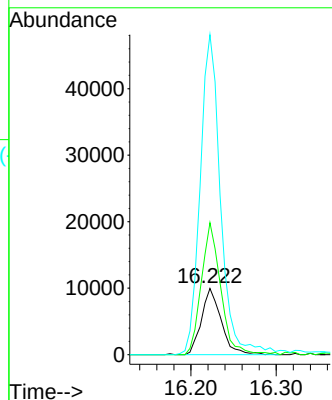
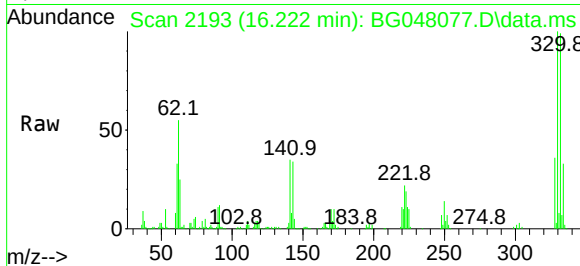




#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 16.222 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

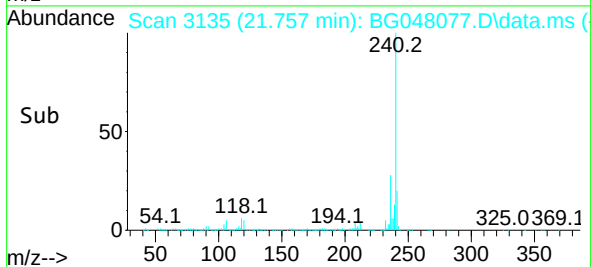
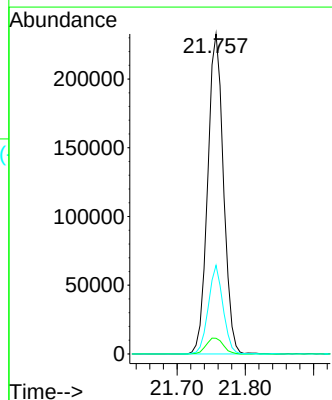
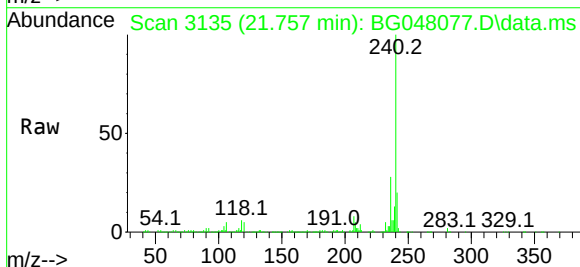
Instrument :
BNA_G
ClientSampleId :
PB134420BL

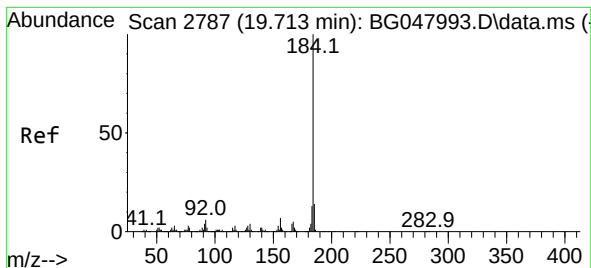
Tgt Ion:248 Resp: 16116
Ion Ratio Lower Upper
248 100
250 199.2 78.9 118.3#
141 482.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.757 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG048077.D
Acq: 2 Feb 2021 15:09

Tgt Ion:240 Resp: 374323
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 27.7 20.5 30.7





#77

Benzidine

Concen: 2.20 ng

RT: 20.083 min Scan# 2850

Delta R.T. 0.382 min

Lab File: BG048077.D

Acq: 2 Feb 2021 15:09

Tgt Ion:184 Resp: 23805

Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

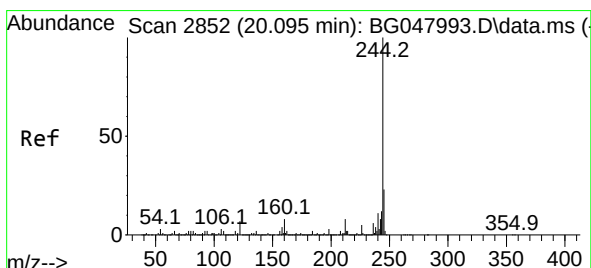
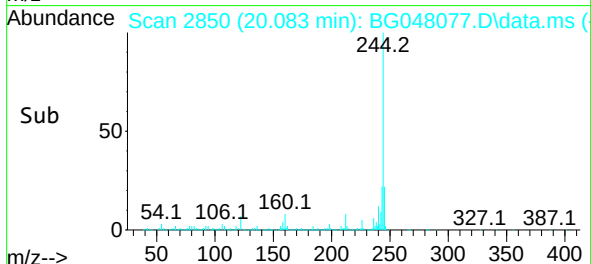
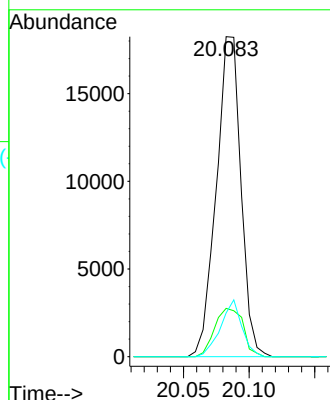
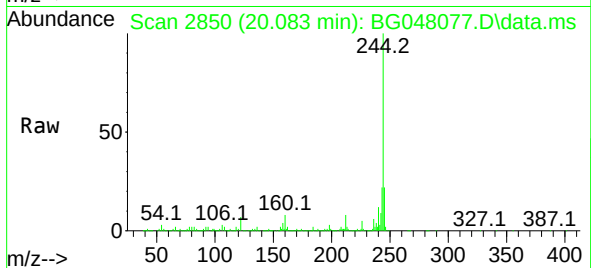
183 13.7 10.6 15.8

Instrument :

BNA_G

ClientSampleId :

PB134420BL



#79

Terphenyl-d14

Concen: 65.13 ng

RT: 20.083 min Scan# 2850

Delta R.T. -0.005 min

Lab File: BG048077.D

Acq: 2 Feb 2021 15:09

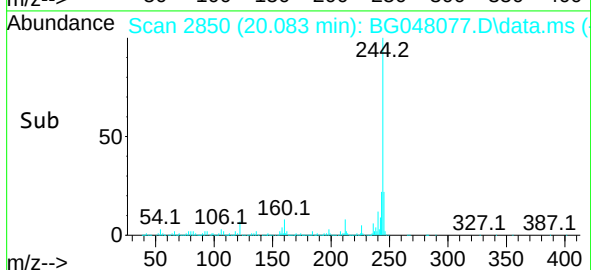
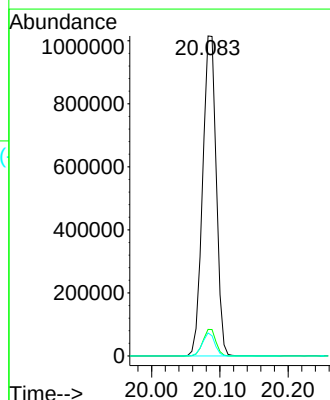
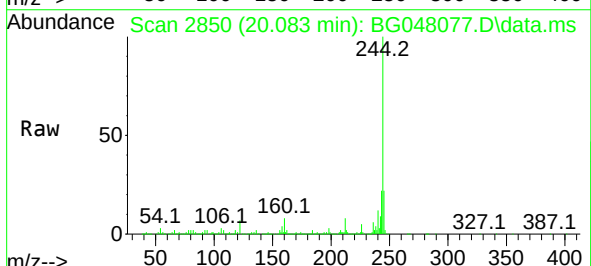
Tgt Ion:244 Resp: 1406006

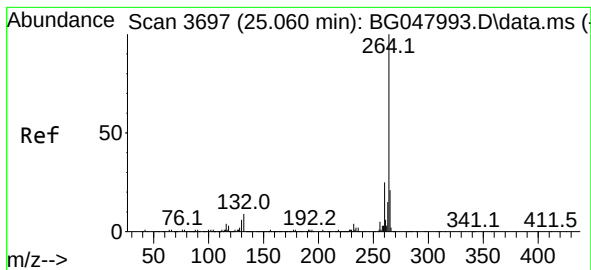
Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

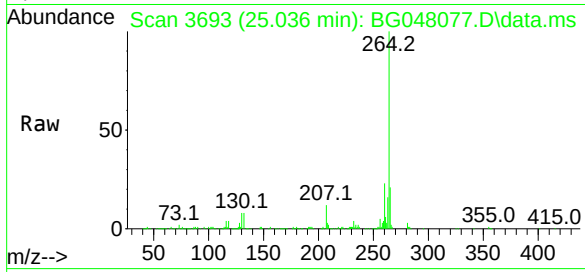
122 7.2 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.036 min Scan# 3693
 Delta R.T. -0.005 min
 Lab File: BG048077.D
 Acq: 2 Feb 2021 15:09

Instrument :
 BNA_G
 ClientSampleId :
 PB134420BL



Tgt Ion:264 Resp: 365706
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.3 17.8 26.8

