

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048050.D
 Acq On : 28 Jan 2021 5:43
 Operator : CG/JU
 Sample : M1249-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5

Quant Time: Jan 28 06:27:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

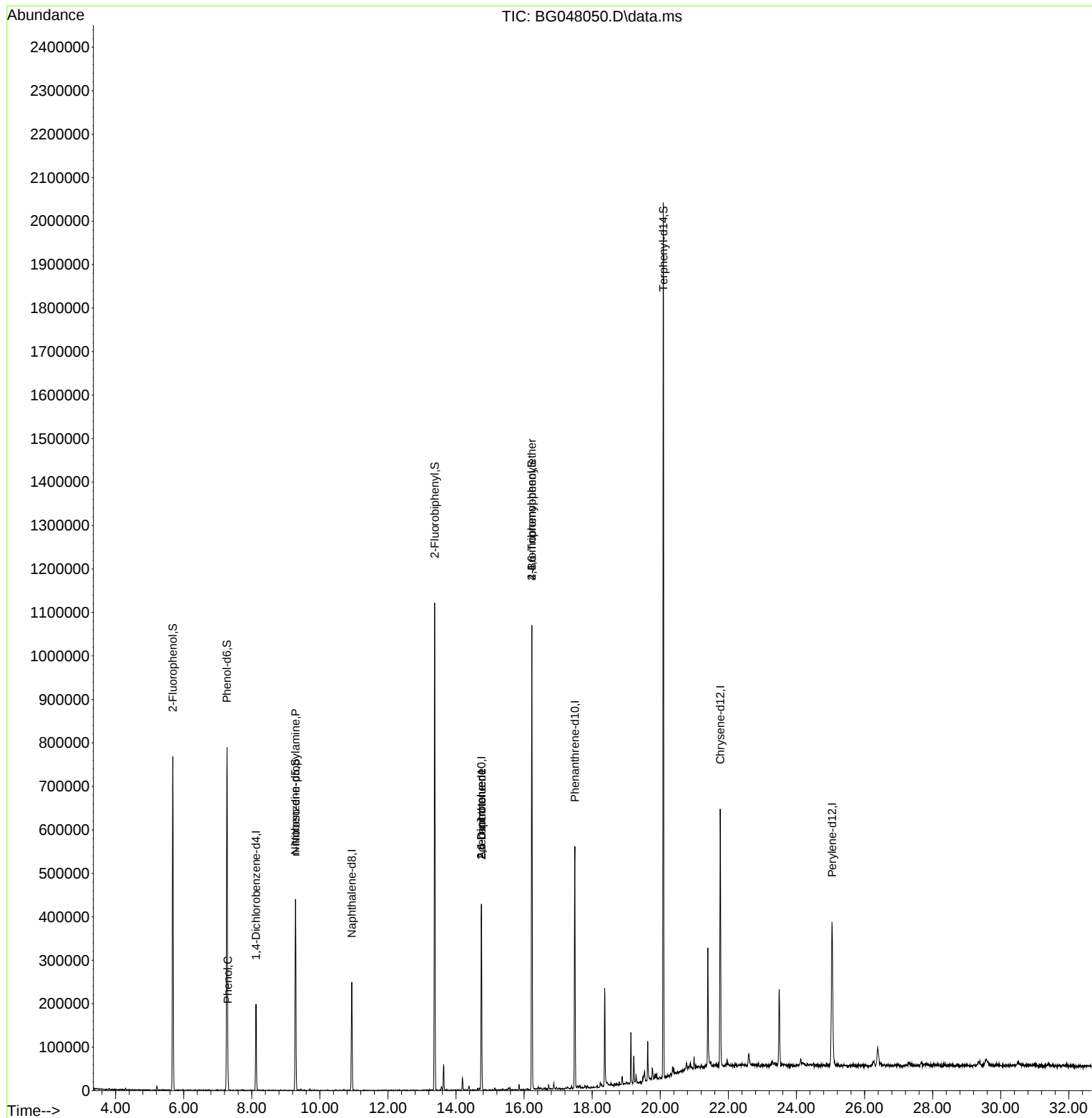
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	51246	20.00	ng	0.00
21) Naphthalene-d8	10.938	136	205518	20.00	ng	0.00
39) Acenaphthene-d10	14.746	164	146155	20.00	ng	0.00
64) Phenanthrene-d10	17.490	188	354404	20.00	ng	# 0.00
76) Chrysene-d12	21.761	240	371659	20.00	ng	#-0.01
86) Perylene-d12	25.045	264	374448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	302901	90.84	ng	0.00
7) Phenol-d6	7.272	99	421434	83.13	ng	0.00
23) Nitrobenzene-d5	9.282	82	281726	54.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.226	330	202981	83.38	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	573715	50.75	ng	-0.01
79) Terphenyl-d14	20.087	244	927551	43.27	ng	0.00
Target Compounds						
10) Phenol	7.296	94	21714	4.47	ng	# 67
19) n-Nitroso-di-n-propyla...	9.287	70	40702	11.00	ng	# 72
51) 2,6-Dinitrotoluene	14.746	165	18957	6.89	ng	# 34
57) 2,4-Dinitrotoluene	14.746	165	18957	4.77	ng	# 32
67) 4-Bromophenyl-phenylether	16.226	248	14139	2.99	ng	# 1

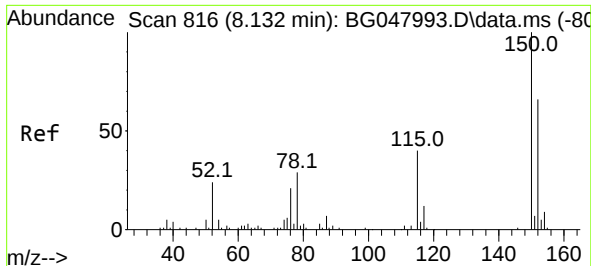
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :
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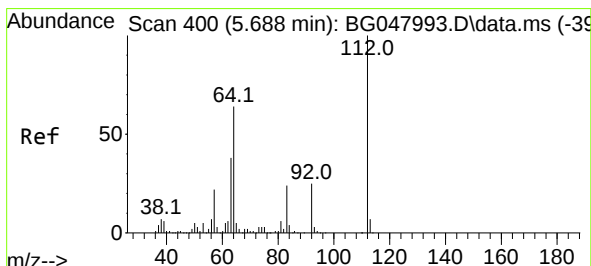
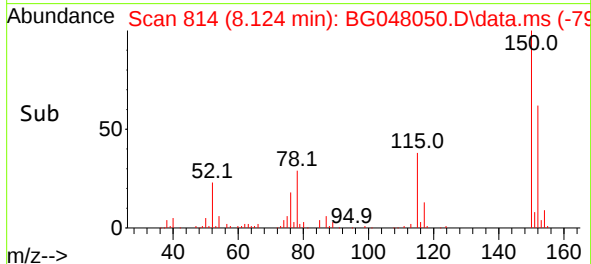
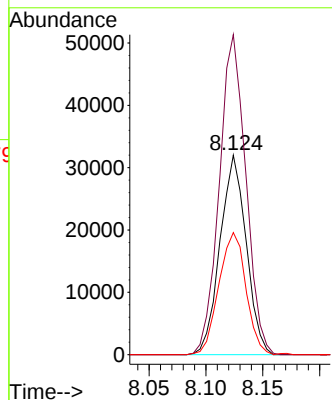
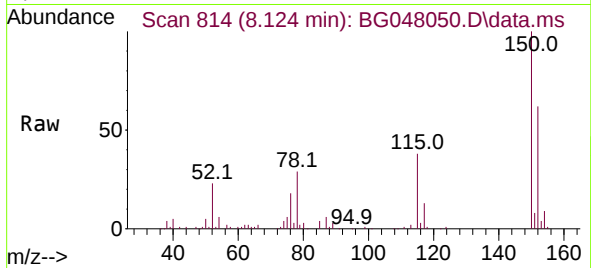




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 814
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

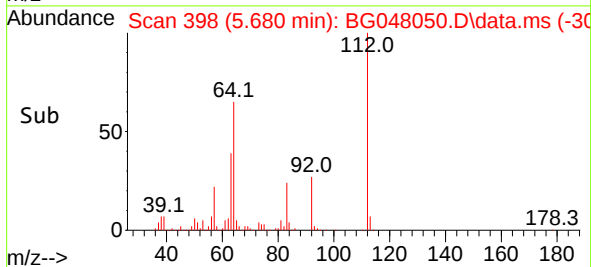
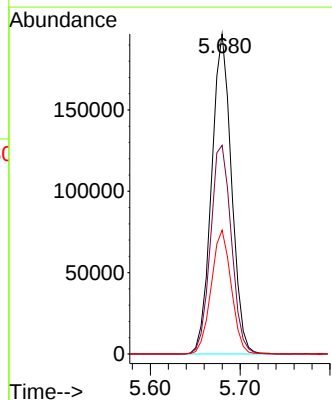
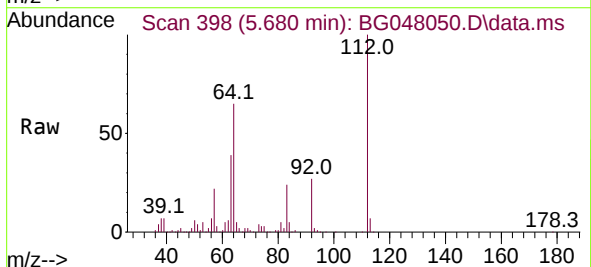
Instrument :
BNA_G
ClientSampled :
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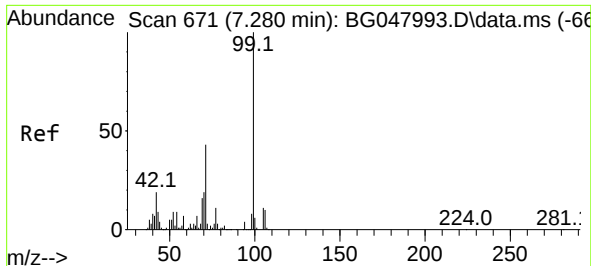
Tgt Ion:152 Resp: 51246
Ion Ratio Lower Upper
152 100
150 160.4 125.0 187.6
115 61.2 41.8 62.6



#5
2-Fluorophenol
Concen: 90.84 ng
RT: 5.680 min Scan# 398
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:112 Resp: 302901
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 38.7 22.8 34.2#

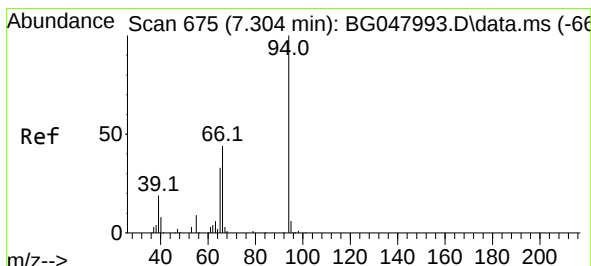
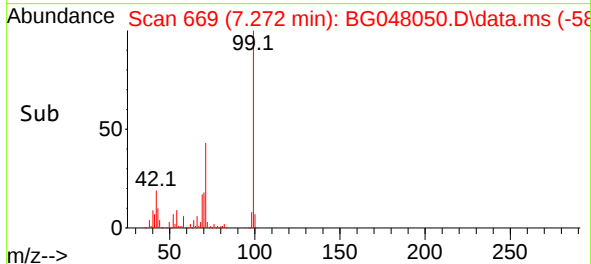
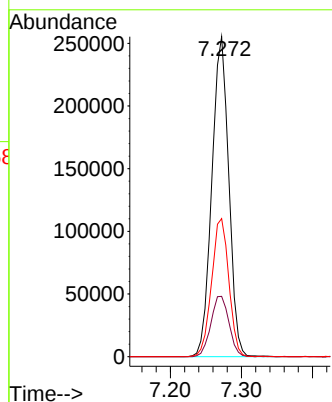
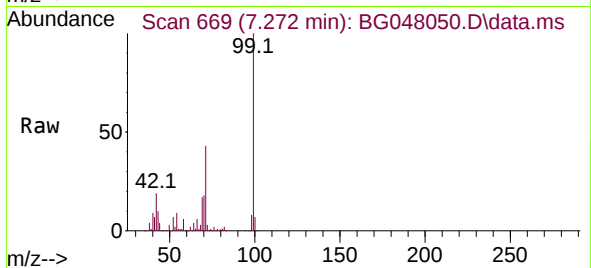




#7
Phenol-d6
Concen: 83.13 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

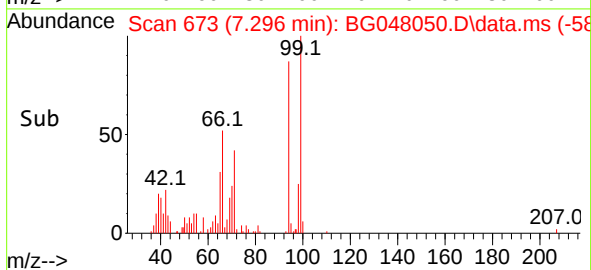
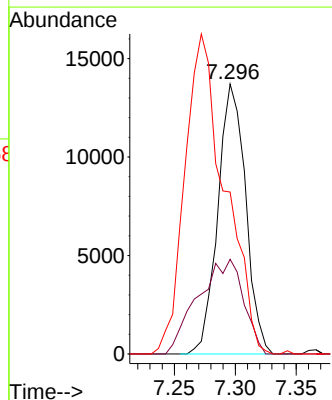
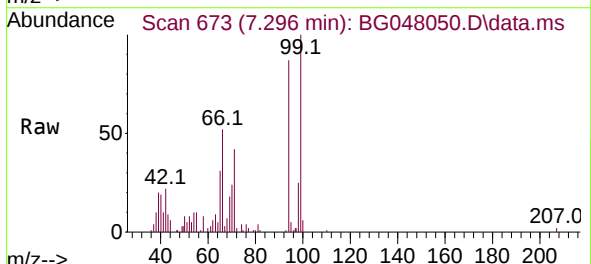
Instrument :
BNA_G
ClientSampleId :
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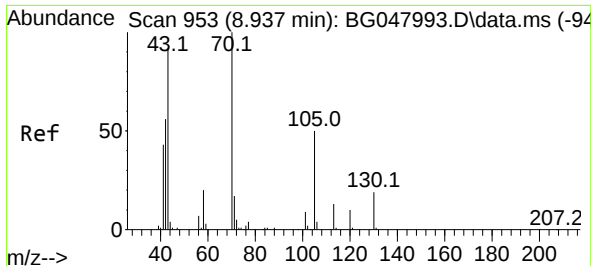
Tgt Ion: 99 Resp: 421434
Ion Ratio Lower Upper
99 100
42 18.9 12.8 19.2
71 43.2 24.6 36.8#



#10
Phenol
Concen: 4.47 ng
RT: 7.296 min Scan# 673
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

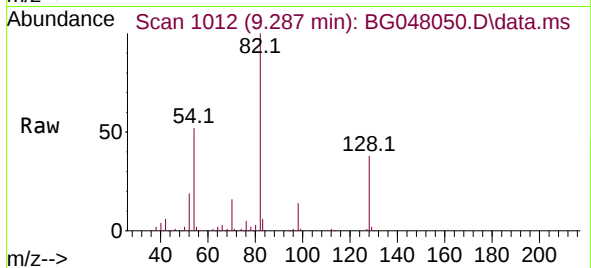
Tgt Ion: 94 Resp: 21714
Ion Ratio Lower Upper
94 100
65 35.1 6.6 46.6
66 60.0 13.9 53.9#



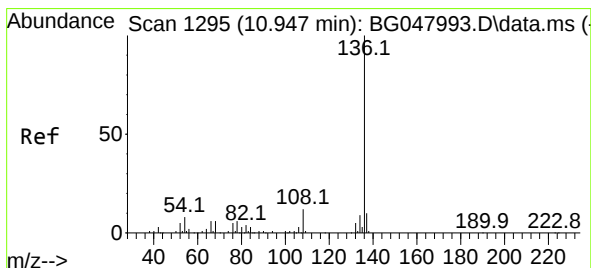
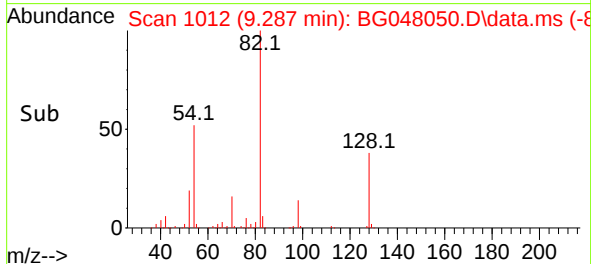
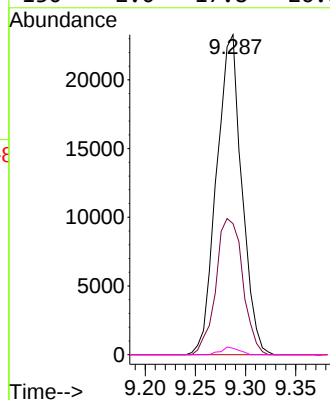


#19
n-Nitroso-di-n-propylamine
Concen: 11.00 ng
RT: 9.287 min Scan# 1012
Delta R.T. 0.350 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Instrument :
BNA_G
ClientSampleId :
5

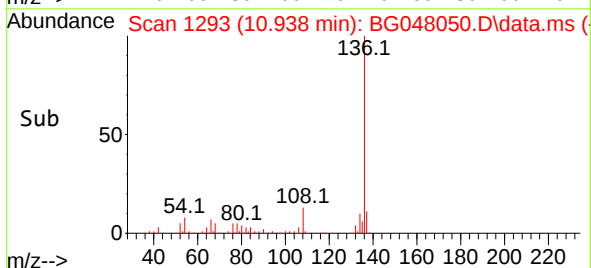
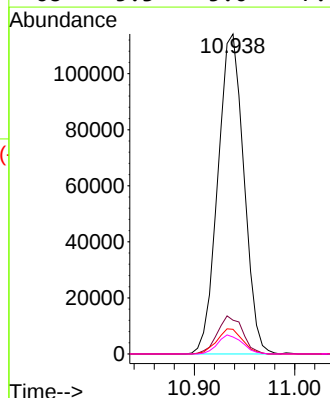
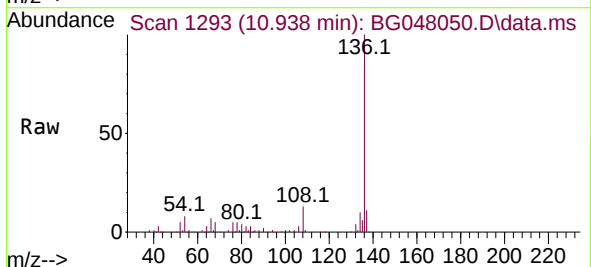


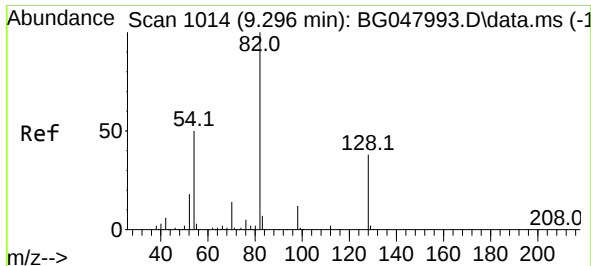
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.9	45.6	68.4#
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1293
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.7	6.2	9.4
68	5.3	5.0	7.4

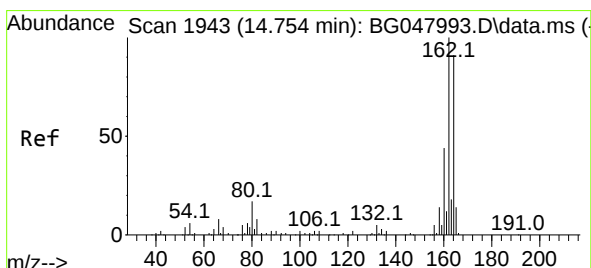
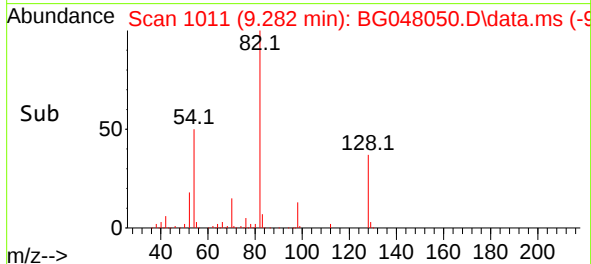
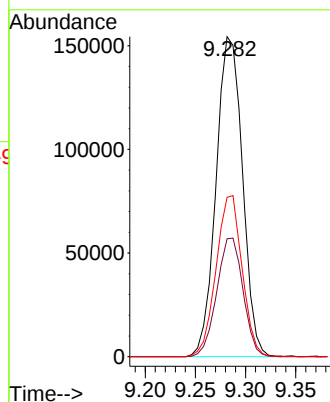
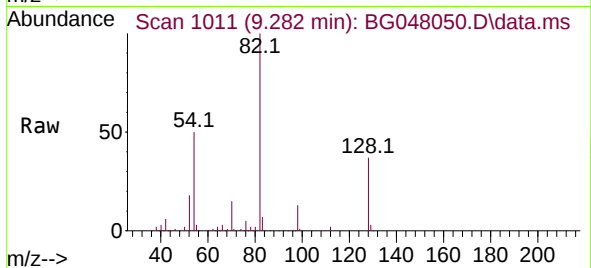




#23
Nitrobenzene-d5
Concen: 54.24 ng
RT: 9.282 min Scan# 1011
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

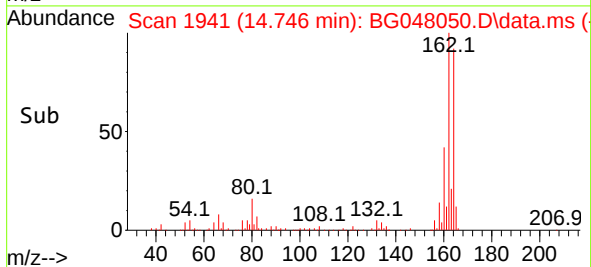
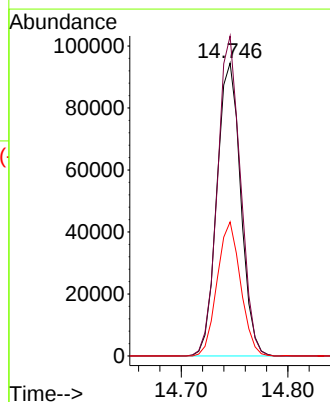
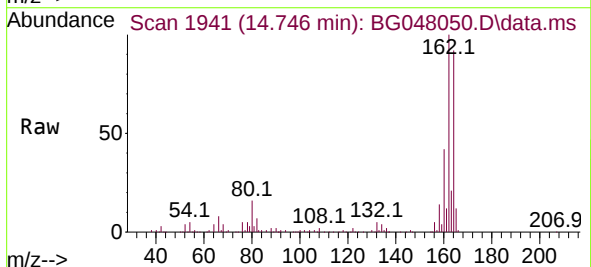
Instrument :
BNA_G
ClientSampled :
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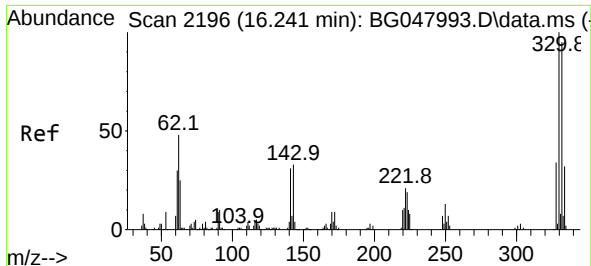
Tgt Ion: 82 Resp: 281726
Ion Ratio Lower Upper
82 100
128 36.9 37.0 55.6#
54 49.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:164 Resp: 146155
Ion Ratio Lower Upper
164 100
162 109.2 82.3 123.5
160 45.8 35.3 52.9

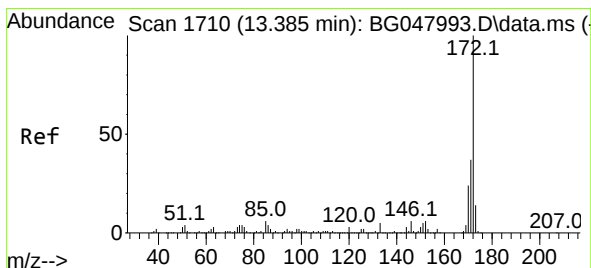
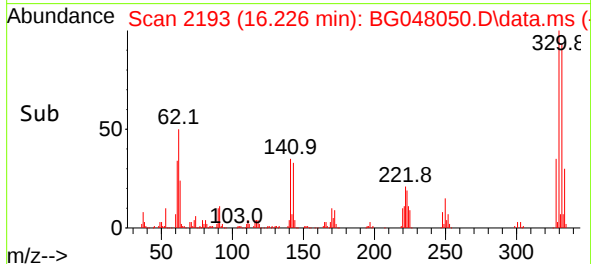
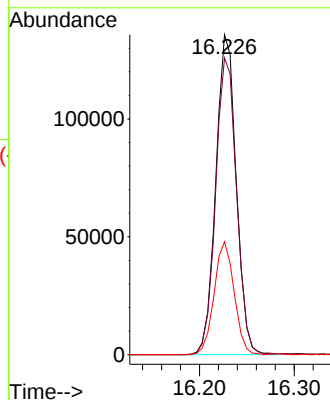
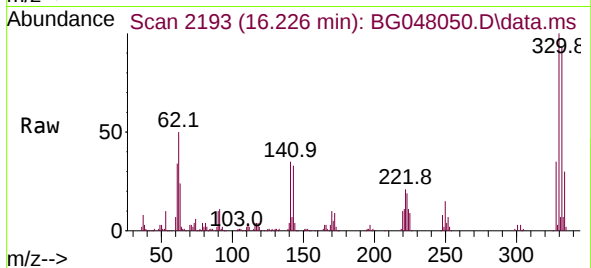




#42
2,4,6-Tribromophenol
Concen: 83.38 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

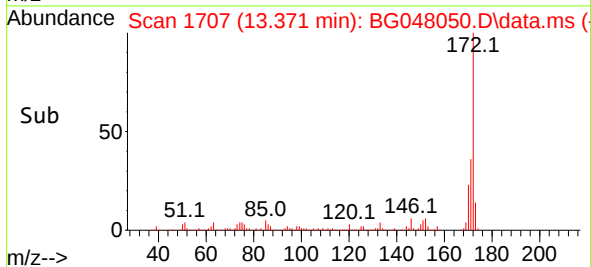
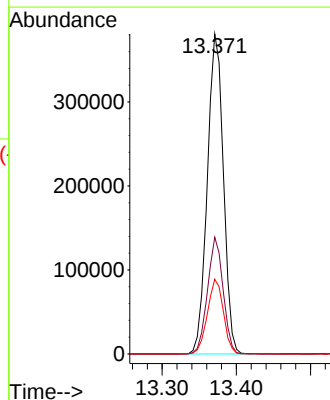
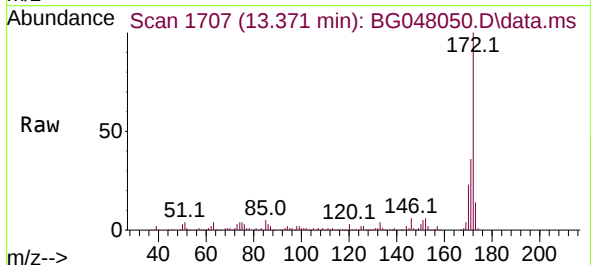
Instrument :
BNA_G
ClientSampleId :
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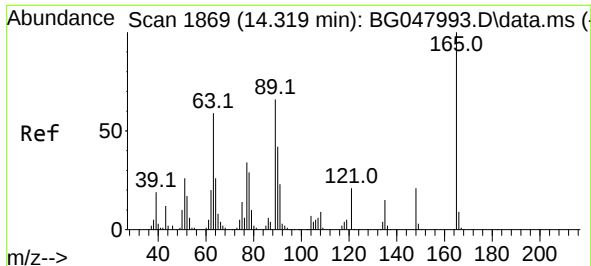
Tgt Ion:330 Resp: 202981
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 34.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 50.75 ng
RT: 13.371 min Scan# 1707
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:172 Resp: 573715
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 23.3 20.8 31.2

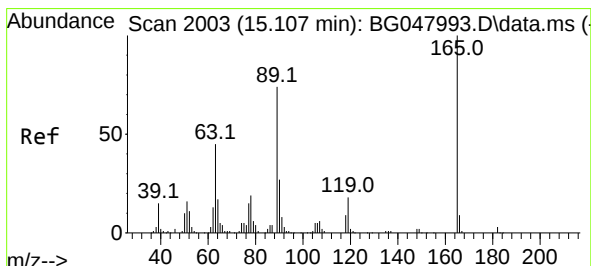
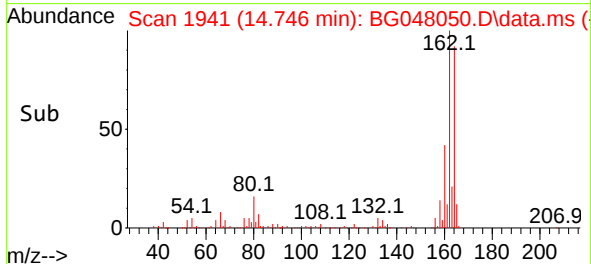
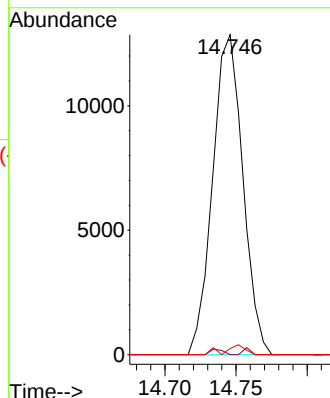
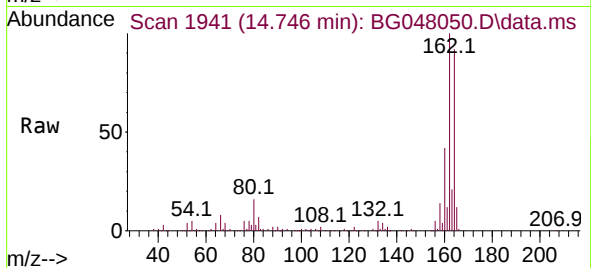




#51
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 14.746 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

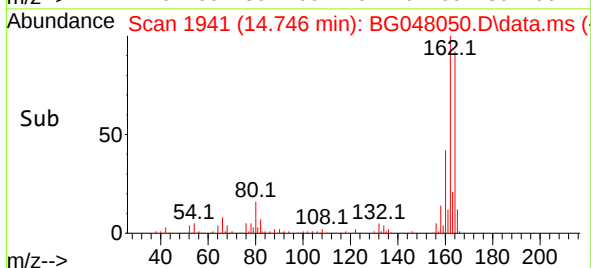
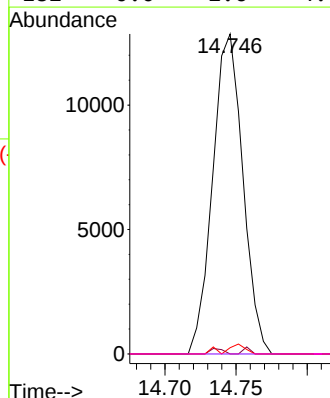
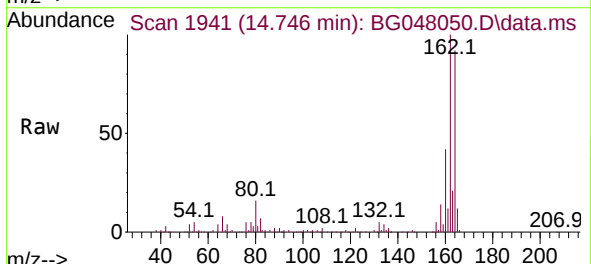
Instrument :
BNA_G
ClientSampled :
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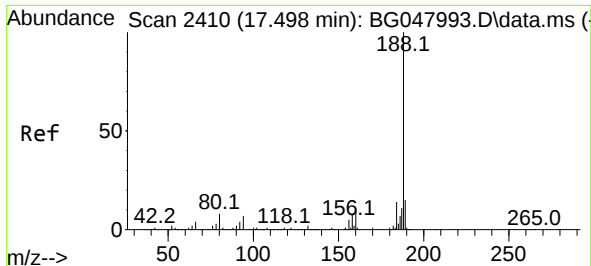
Tgt Ion:165 Resp: 18957
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.77 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:165 Resp: 18957
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#

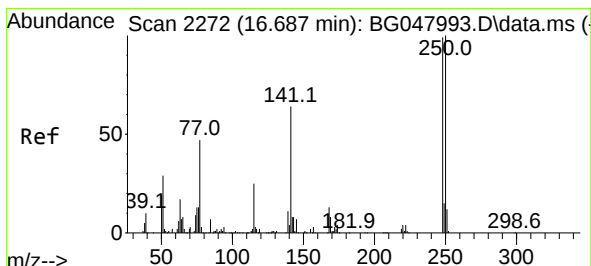
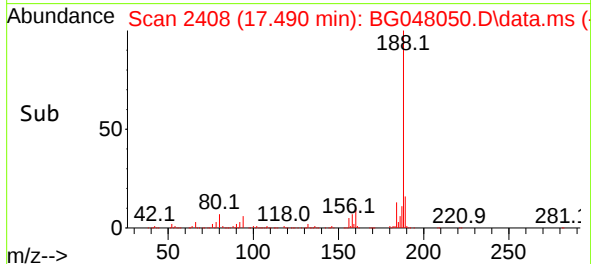
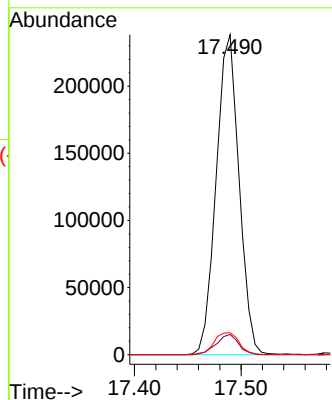
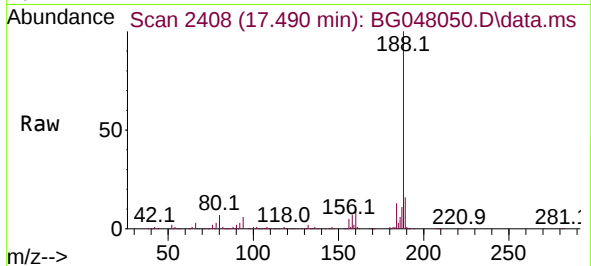




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.490 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

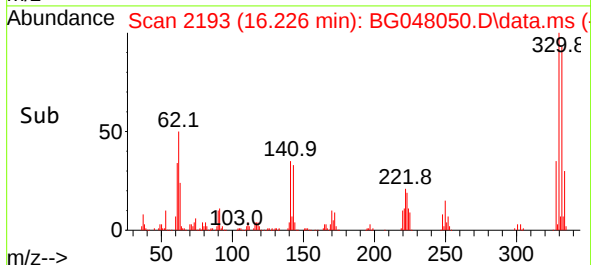
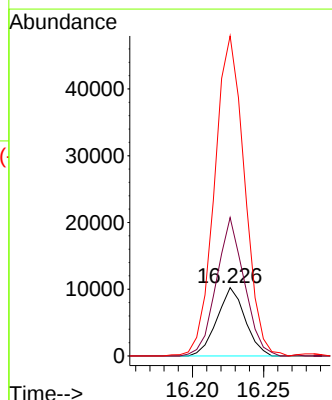
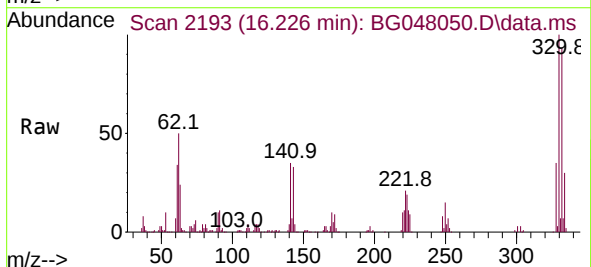
Instrument :
BNA_G
ClientSampled :
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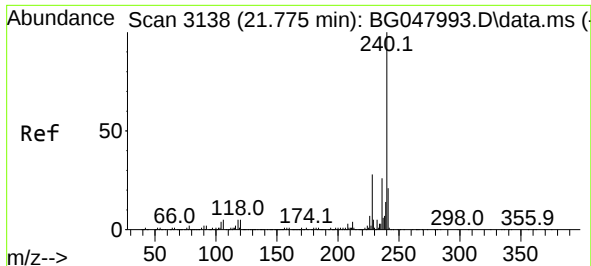
Tgt Ion:188 Resp: 354404
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 6.8 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.461 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:248 Resp: 14139
Ion Ratio Lower Upper
248 100
250 202.3 78.9 118.3#
141 467.8 46.2 69.4#

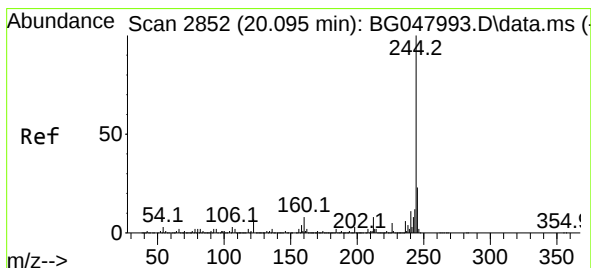
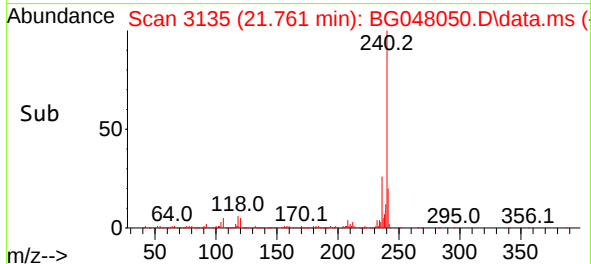
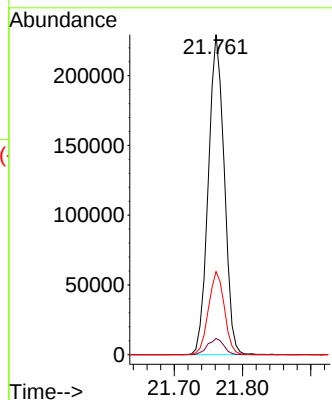
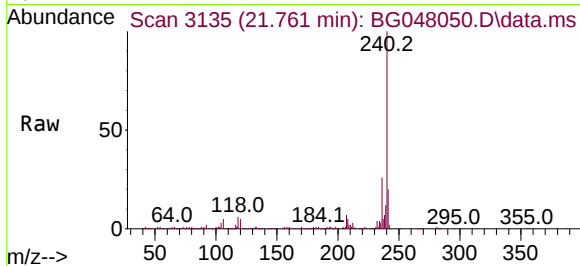




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.761 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

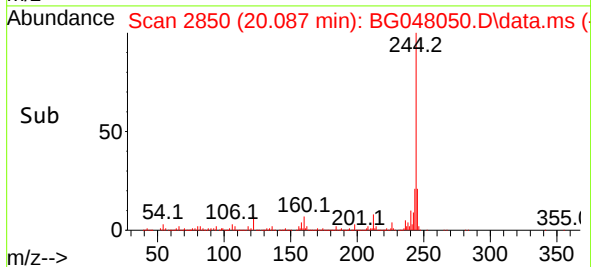
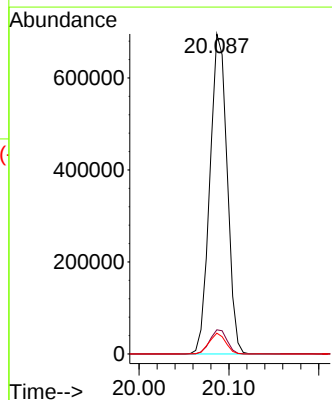
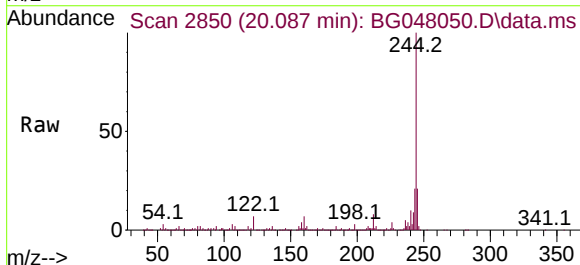
Instrument :
BNA_G
ClientSampleId :
5

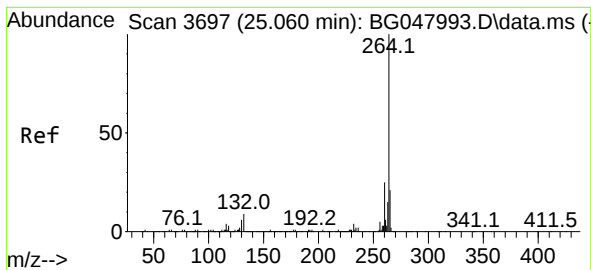
Tgt Ion:240 Resp: 371659
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 43.27 ng
RT: 20.087 min Scan# 2850
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

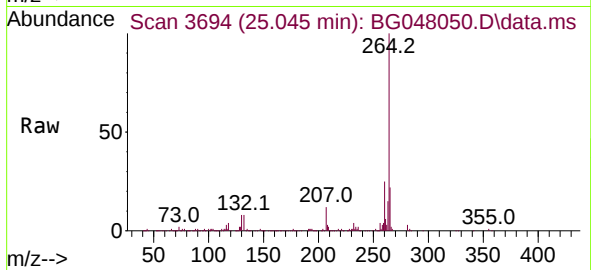
Tgt Ion:244 Resp: 927551
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 6.5 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.045 min Scan# 3694
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Instrument :
BNA_G
ClientSampleId :
5



Tgt Ion:264	Resp:	374448
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.8 28.2
265	22.0	17.8 26.8

