

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048104.D
 Acq On : 3 Feb 2021 23:39
 Operator : CG/JU
 Sample : M1291-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-008-0510

Quant Time: Feb 04 00:36:08 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)

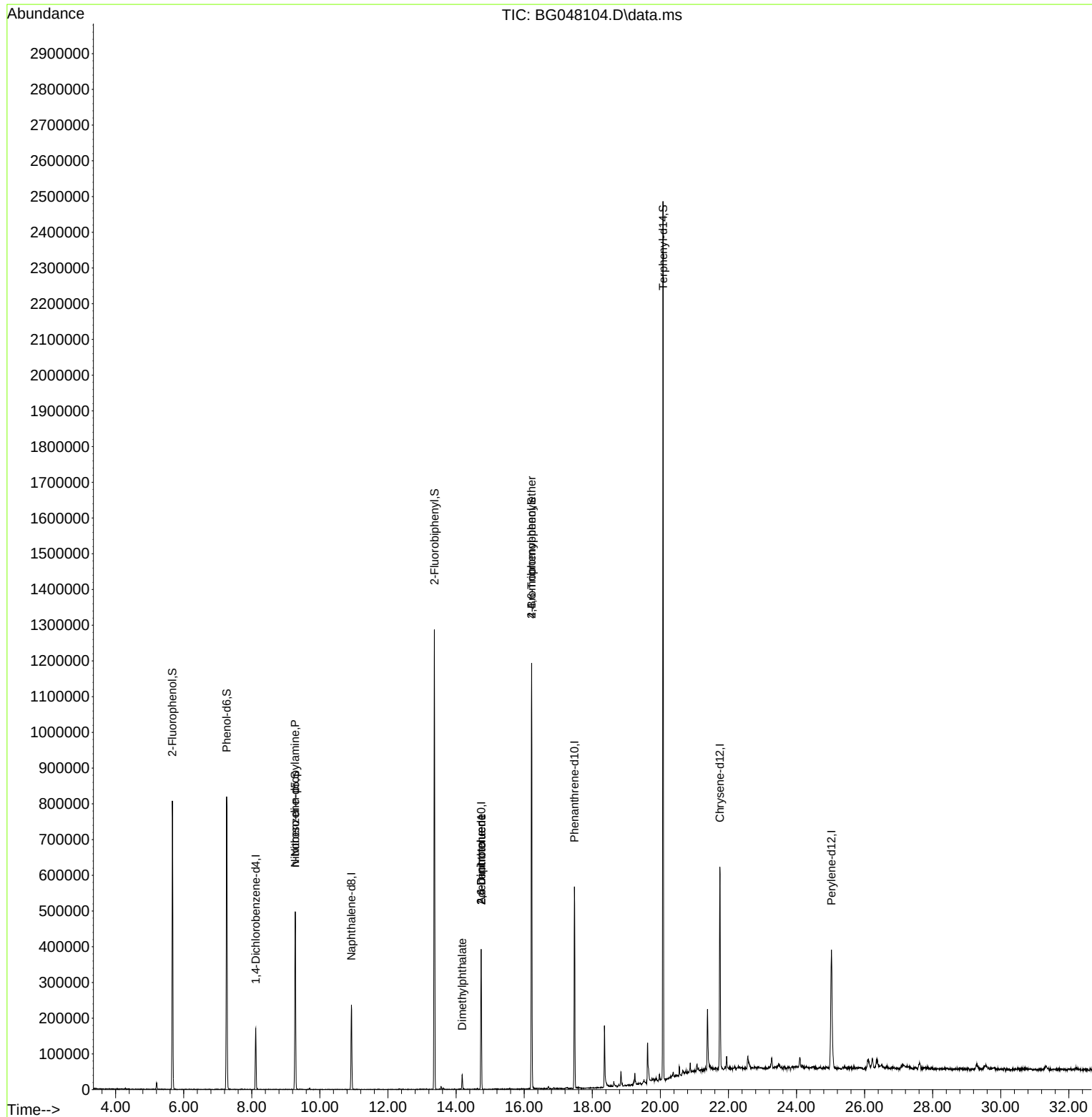
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	47311	20.00	ng	# 0.00
21) Naphthalene-d8	10.926	136	191104	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	138083	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	353201	20.00	ng	# 0.00
76) Chrysene-d12	21.749	240	362291	20.00	ng	#-0.01
86) Perylene-d12	25.027	264	362242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	320417	104.08	ng	0.00
7) Phenol-d6	7.260	99	443346	94.72	ng	0.00
23) Nitrobenzene-d5	9.275	82	305759	63.31	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	224351	97.55	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	669148	62.65	ng	0.00
79) Terphenyl-d14	20.080	244	1055441	50.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	43858	12.84	ng	# 77
50) Dimethylphthalate	14.181	163	26334	2.11	ng	96
51) 2,6-Dinitrotoluene	14.739	165	17171	6.61	ng	# 36
57) 2,4-Dinitrotoluene	14.739	165	17171	4.58	ng	# 34
67) 4-Bromophenyl-phenylether	16.220	248	15846	3.36	ng	# 1

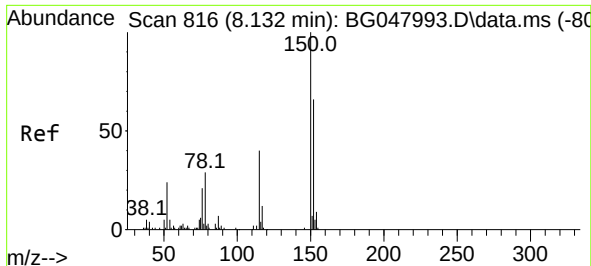
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

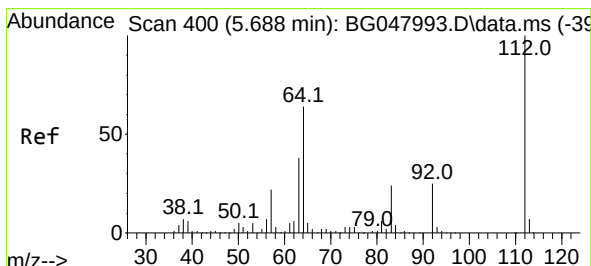
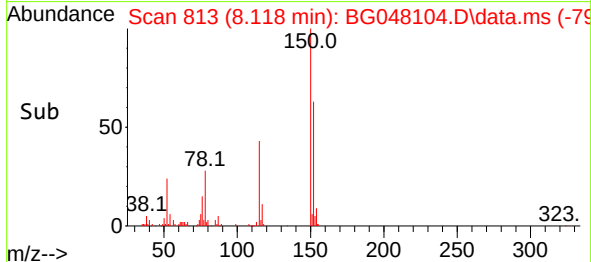
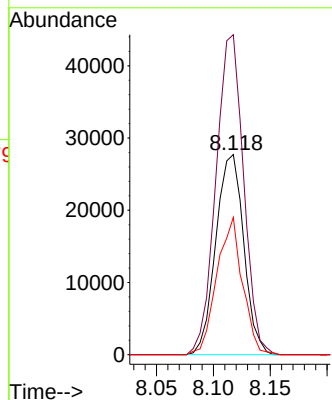
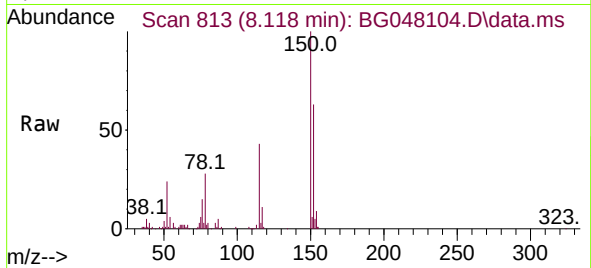




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

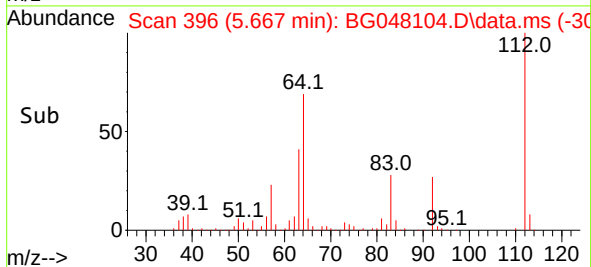
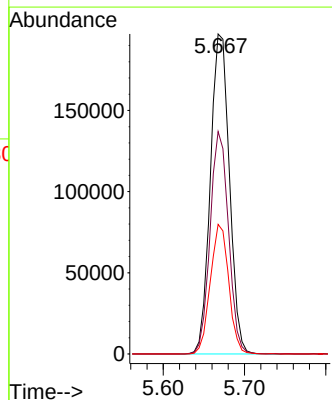
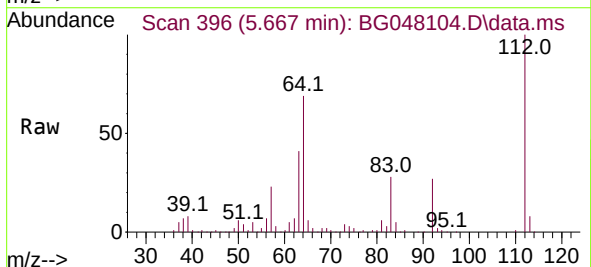
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510

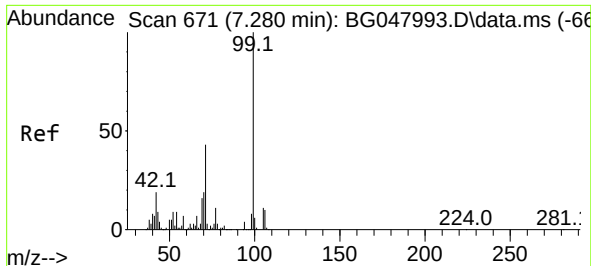
Tgt Ion:152 Resp: 47311
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 68.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 104.08 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Tgt Ion:112 Resp: 320417
Ion Ratio Lower Upper
112 100
64 69.5 46.7 70.1
63 40.5 22.8 34.2#

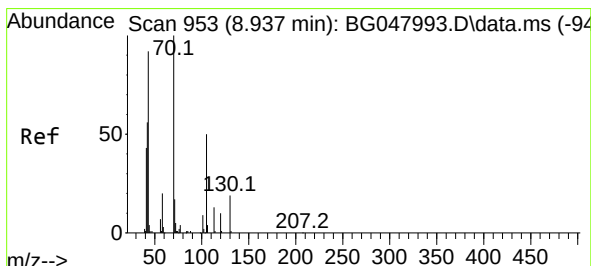
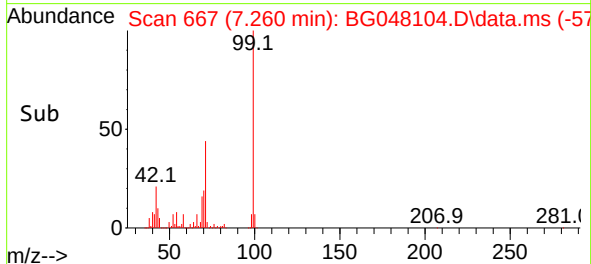
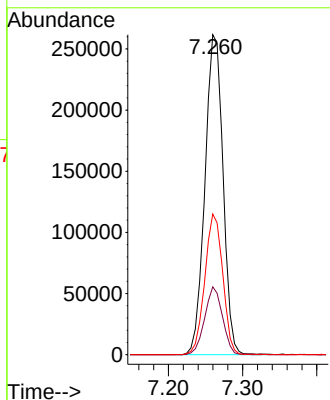
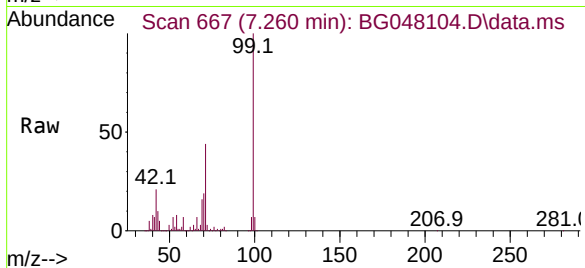




#7
Phenol-d6
Concen: 94.72 ng
RT: 7.260 min Scan# 667
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

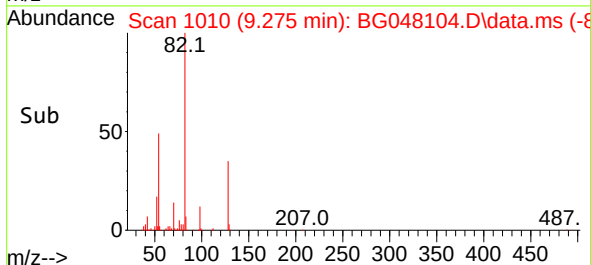
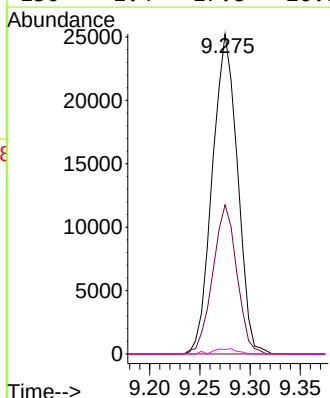
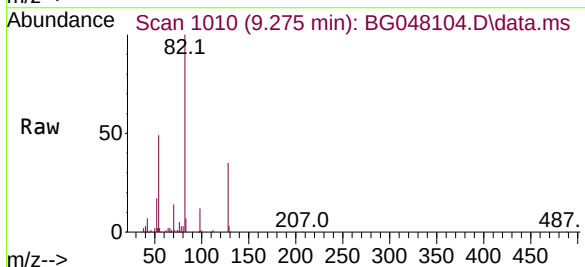
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510

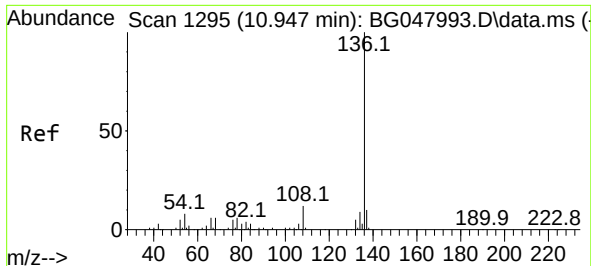
Tgt Ion: 99 Resp: 443346
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 44.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.84 ng
RT: 9.275 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Tgt Ion: 70 Resp: 43858
Ion Ratio Lower Upper
70 100
42 46.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

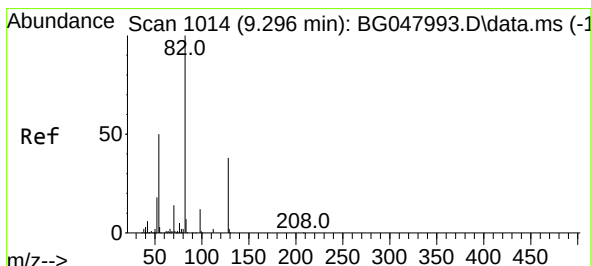
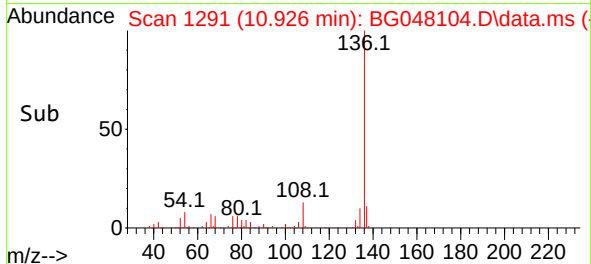
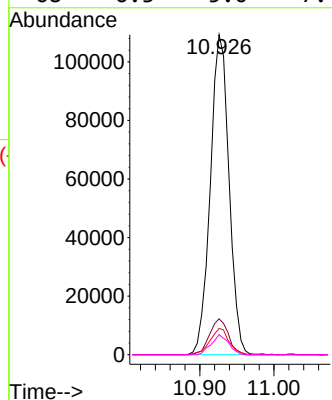
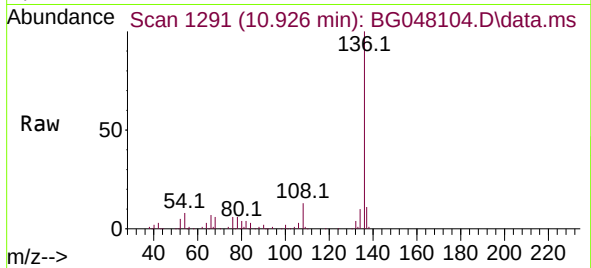




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

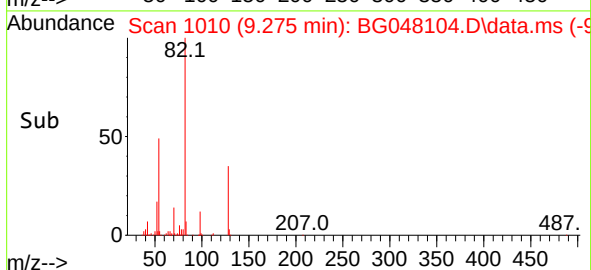
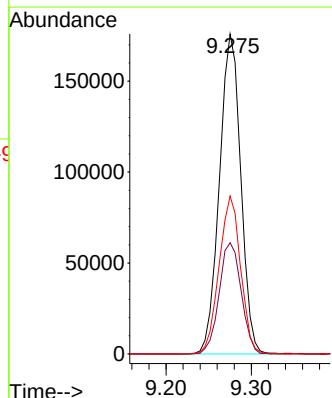
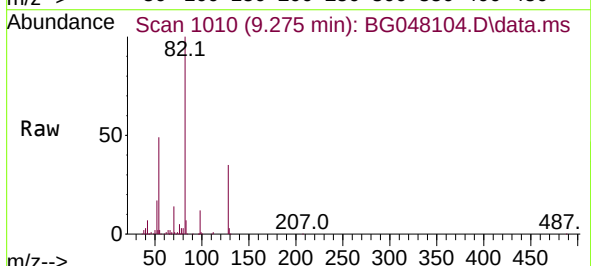
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510

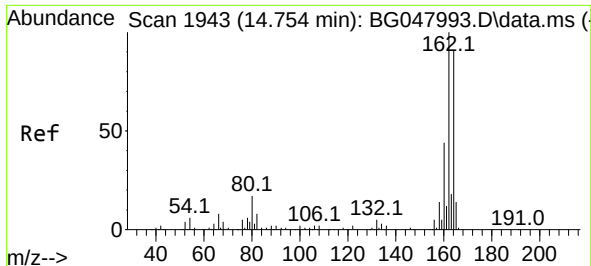
Tgt Ion:136	Resp: 191104
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 8.2	6.2 9.4
68 6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 63.31 ng
RT: 9.275 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Tgt Ion: 82	Resp: 305759
Ion Ratio	Lower Upper
82 100	
128 34.8	37.0 55.6#
54 49.4	39.0 58.4

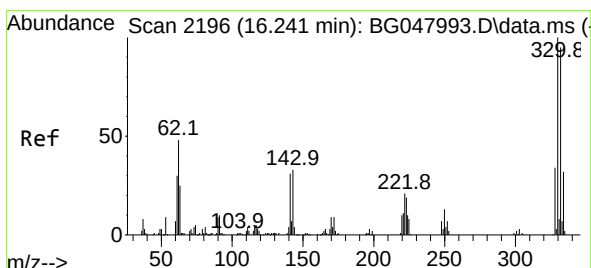
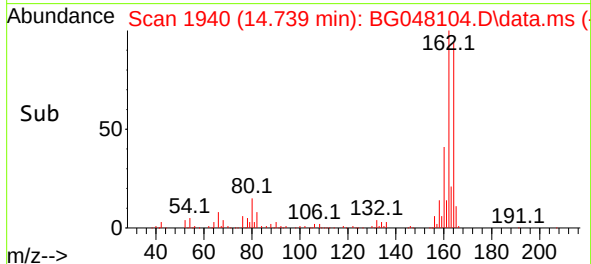
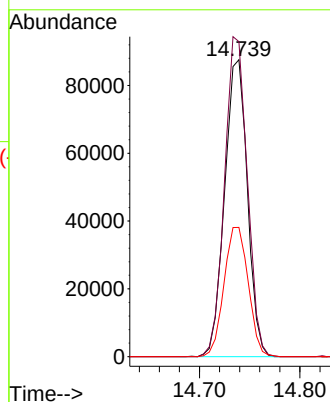
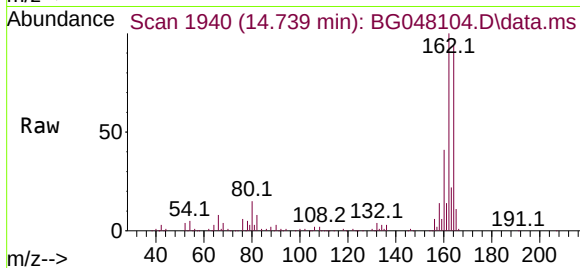




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

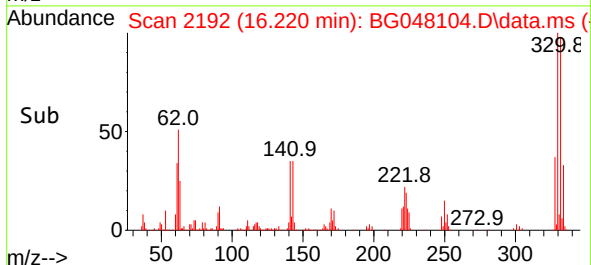
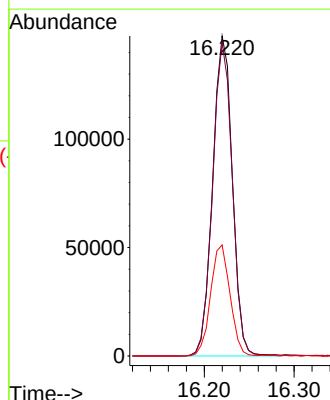
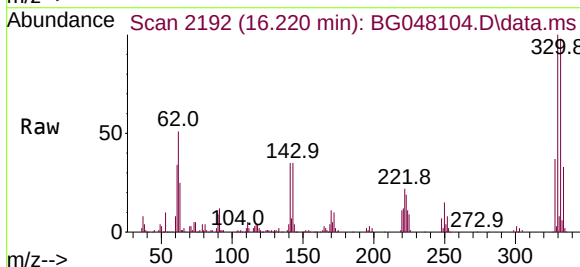
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510

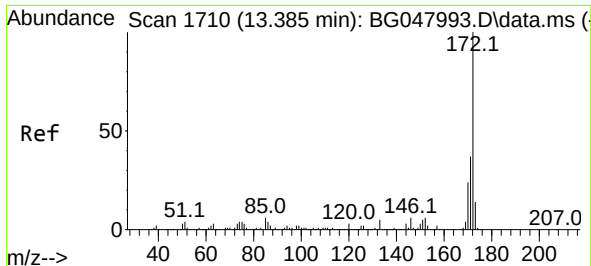
Tgt Ion:164 Resp: 138083
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 43.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 97.55 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

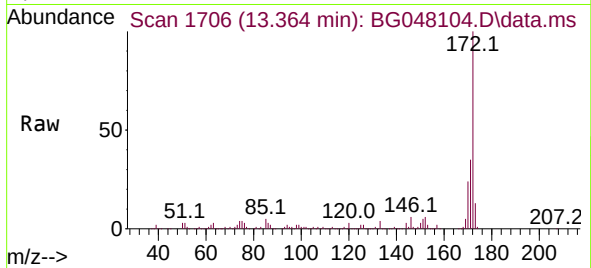
Tgt Ion:330 Resp: 224351
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 34.3 26.0 39.0



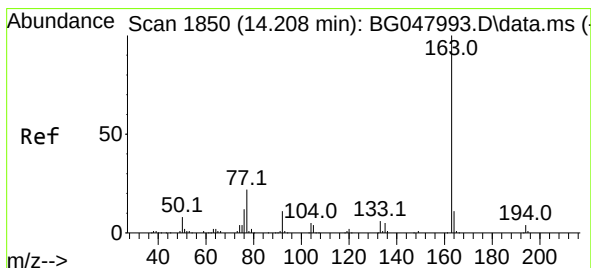
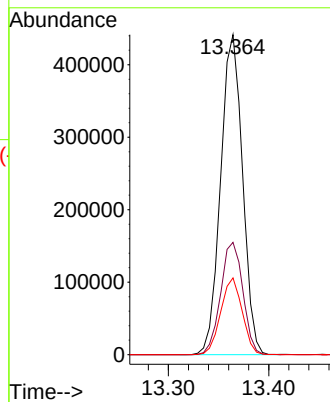
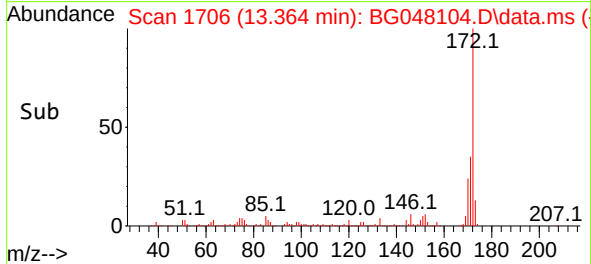


#45
2-Fluorobiphenyl
Concen: 62.65 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

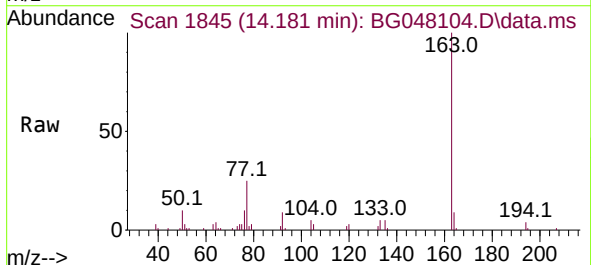
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510



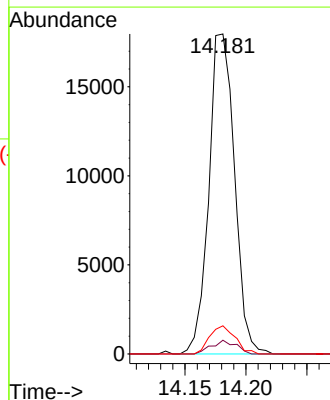
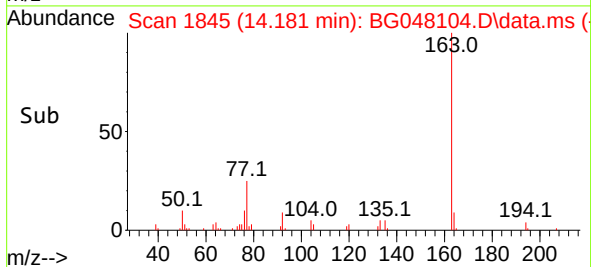
Tgt Ion:172 Resp: 669148
Ion Ratio Lower Upper
172 100
171 35.1 31.3 46.9
170 24.0 20.8 31.2

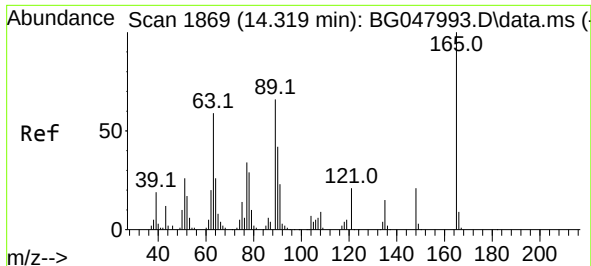


#50
Dimethylphthalate
Concen: 2.11 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.014 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39



Tgt Ion:163 Resp: 26334
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 8.8 8.8 13.2

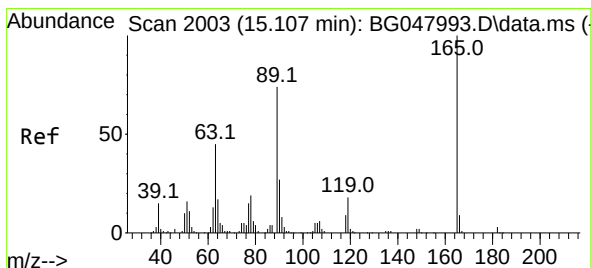
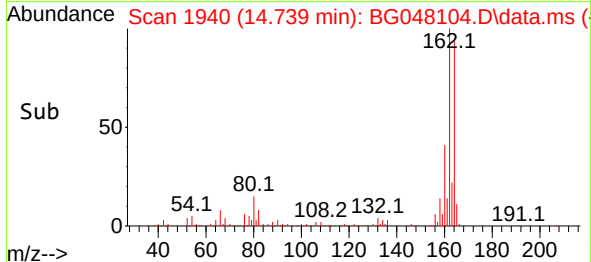
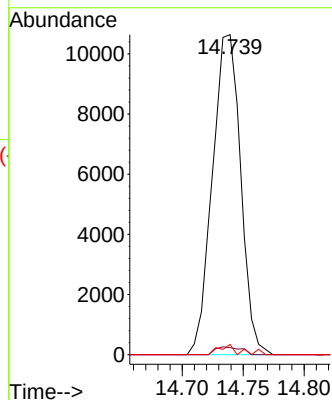
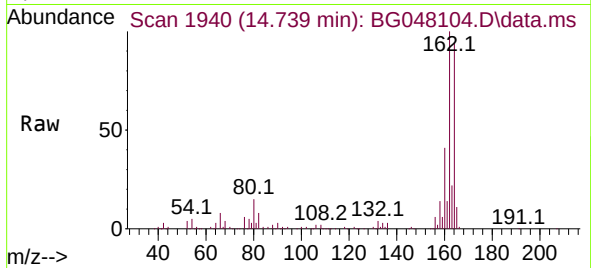




#51
2,6-Dinitrotoluene
Concen: 6.61 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.433 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

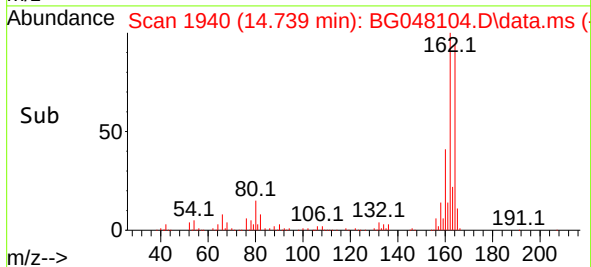
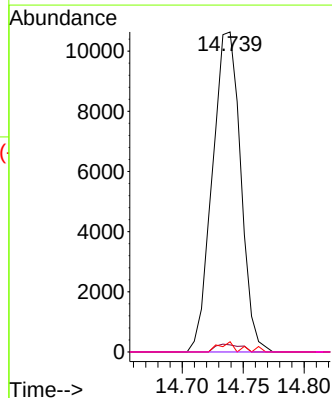
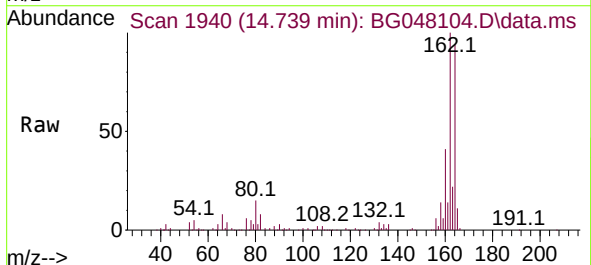
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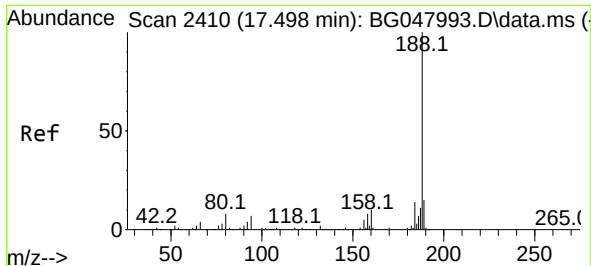
Tgt Ion:165 Resp: 17171
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 3.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.58 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Tgt Ion:165 Resp: 17171
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 3.2 47.8 71.8#
182 0.0 2.6 4.0#

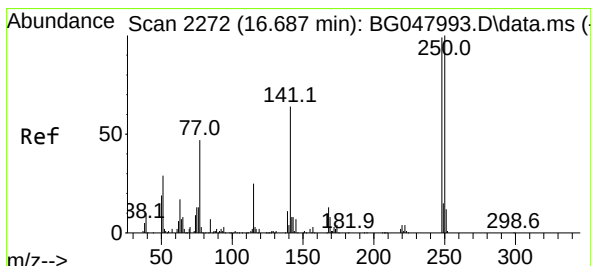
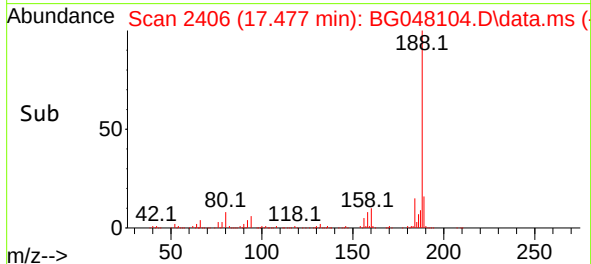
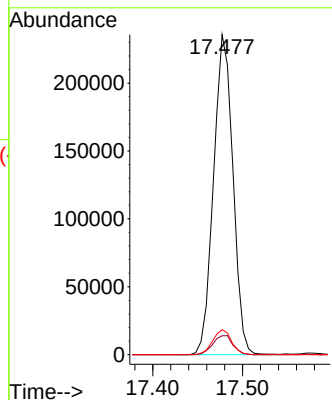
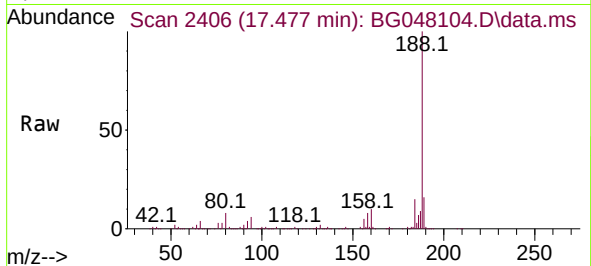




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

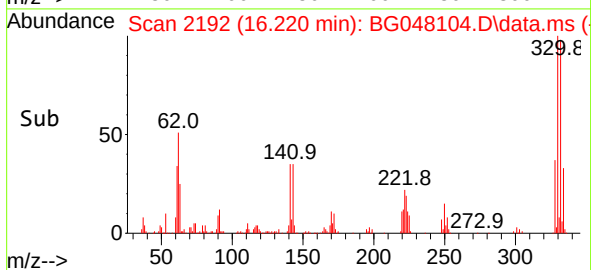
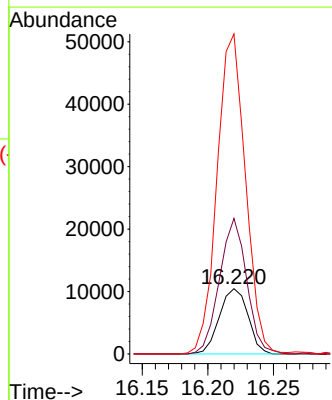
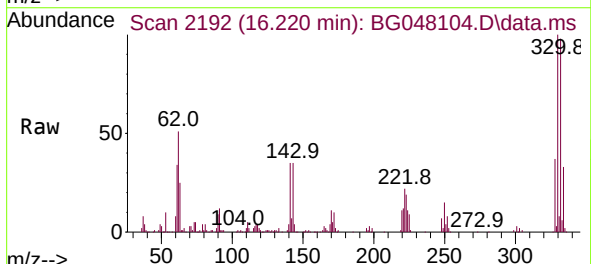
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OU421-008-0510

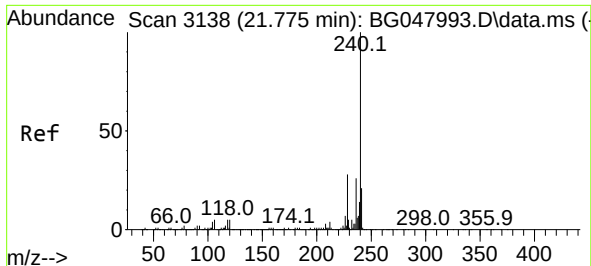
Tgt Ion:188 Resp: 353201
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.8 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.454 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Tgt Ion:248 Resp: 15846
Ion Ratio Lower Upper
248 100
250 207.7 78.9 118.3#
141 490.4 46.2 69.4#

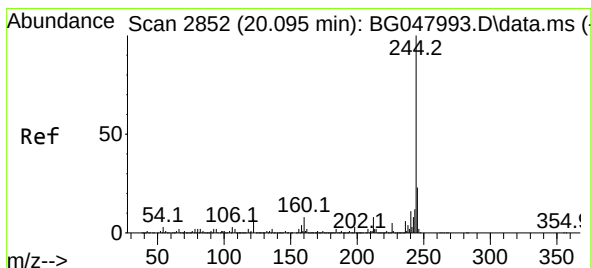
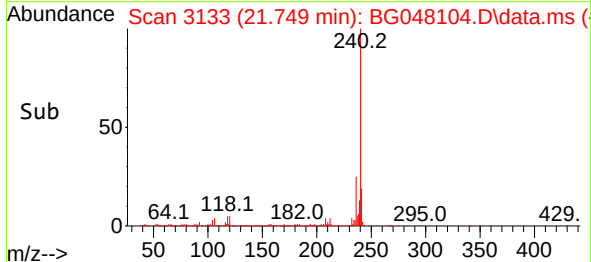
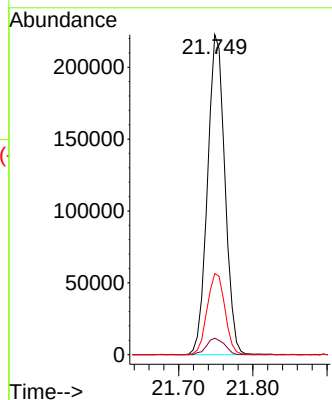
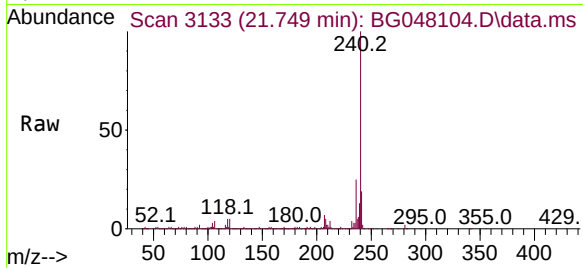




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.749 min Scan# 3133
Delta R.T. -0.014 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

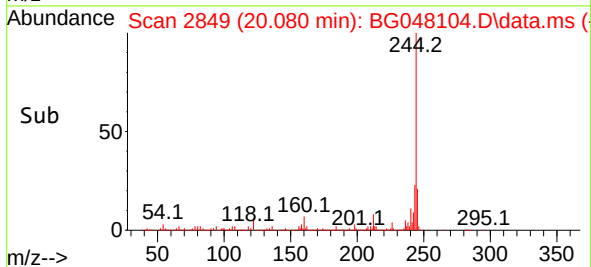
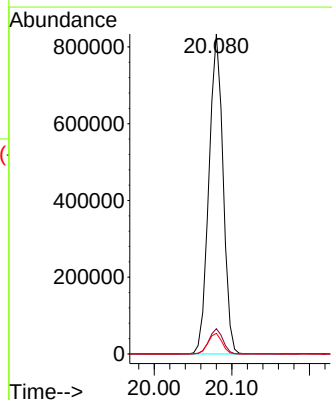
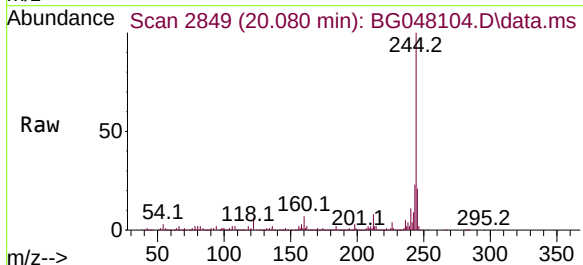
Instrument :
BNA_G
ClientSampleId :
OU421-008-0510

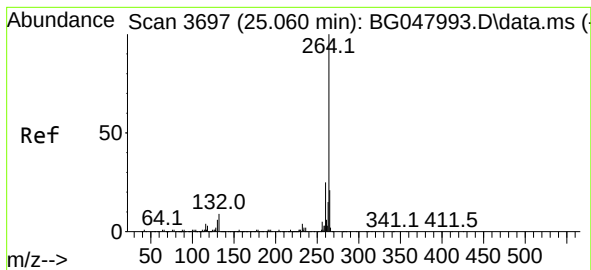
Tgt Ion:240 Resp: 362291
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 50.51 ng
RT: 20.080 min Scan# 2849
Delta R.T. -0.008 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

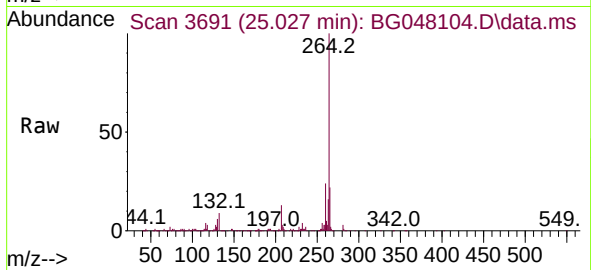
Tgt Ion:244 Resp: 1055441
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 6.4 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.027 min Scan# 3691
Delta R.T. -0.014 min
Lab File: BG048104.D
Acq: 3 Feb 2021 23:39

Instrument :
BNA_G
ClientSampleId :
OU421-008-0510



Tgt Ion:264 Resp: 362242

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.2	17.8	26.8

