

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054283.D
 Acq On : 14 Jul 2022 16:56
 Operator : CG/JU
 Sample : N3711-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124055

Quant Time: Jul 15 01:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

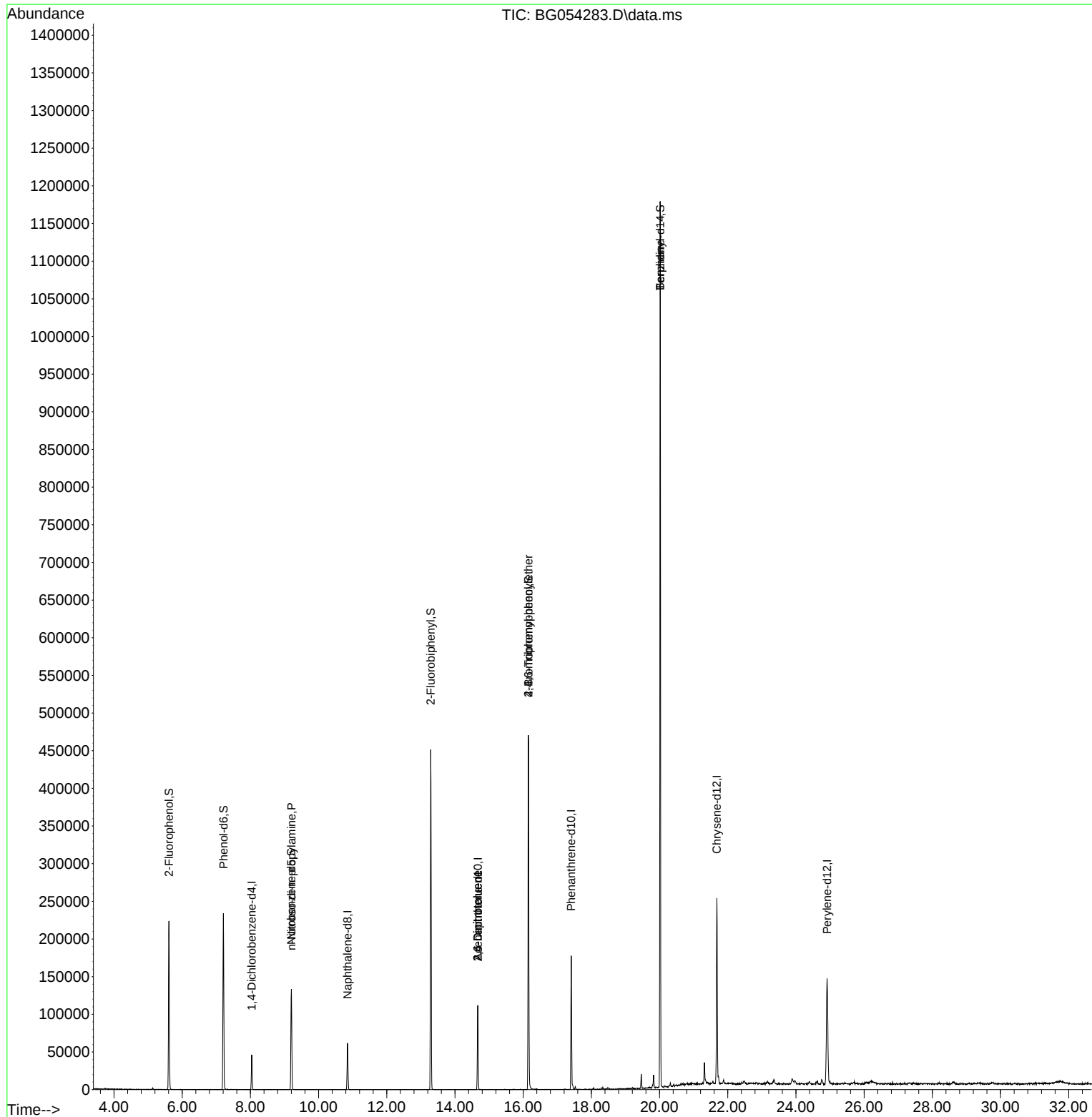
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	15193	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	56189	20.000	ng	# 0.00
39) Acenaphthene-d10	14.671	164	47465	20.000	ng	0.00
64) Phenanthrene-d10	17.409	188	132597	20.000	ng	#-0.01
76) Chrysene-d12	21.680	240	174077	20.000	ng	#-0.01
86) Perylene-d12	24.912	264	182899	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	99334	131.357	ng	0.00
7) Phenol-d6	7.209	99	129545	124.204	ng	0.00
23) Nitrobenzene-d5	9.201	82	84270	81.387	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	133002	144.655	ng	0.00
45) 2-Fluorobiphenyl	13.290	172	261240	80.871	ng	0.00
79) Terphenyl-d14	20.017	244	680046	80.334	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.207	70	12229	17.174	ng	# 78
51) 2,6-Dinitrotoluene	14.665	165	6481	8.001	ng	# 16
57) 2,4-Dinitrotoluene	14.665	165	6481	5.526	ng	# 21
67) 4-Bromophenyl-phenylether	16.157	248	8013	4.531	ng	# 1
77) Benzidine	20.017	184	9112	2.982	ng	# 85

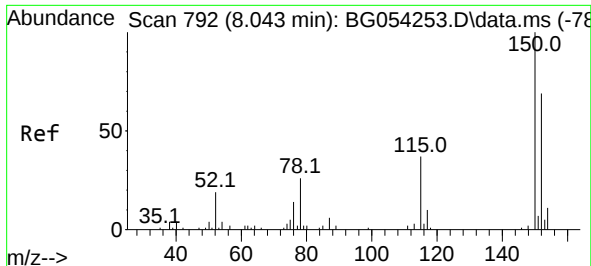
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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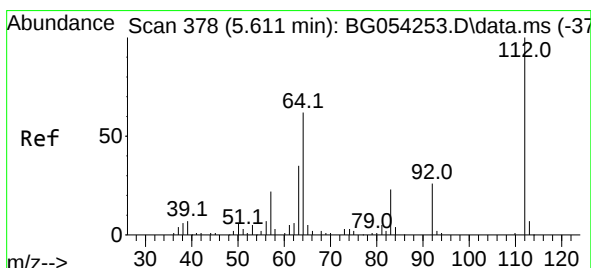
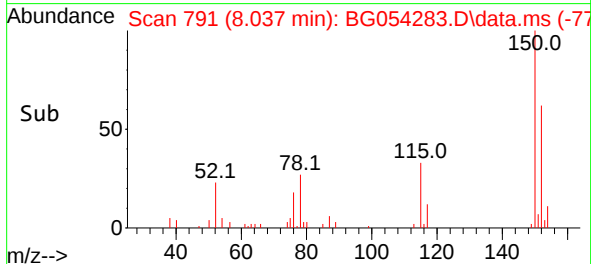
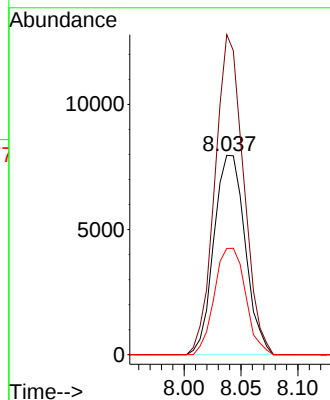
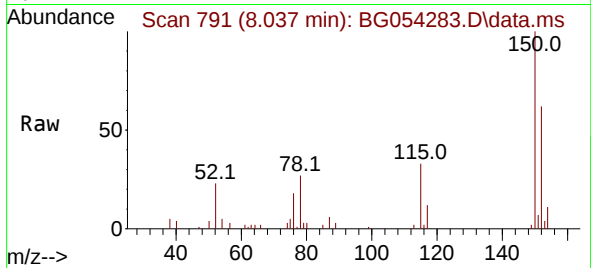




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

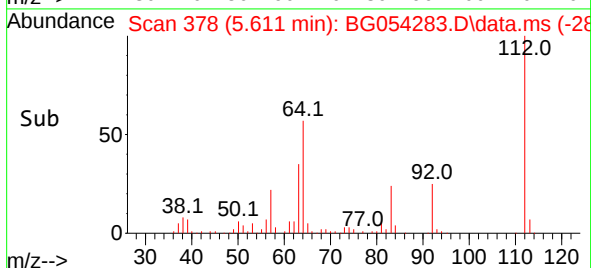
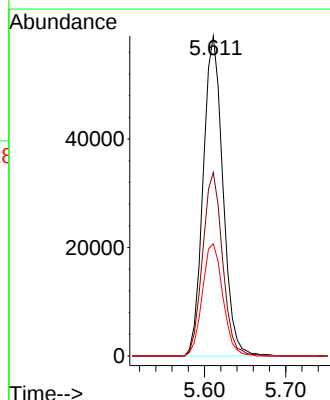
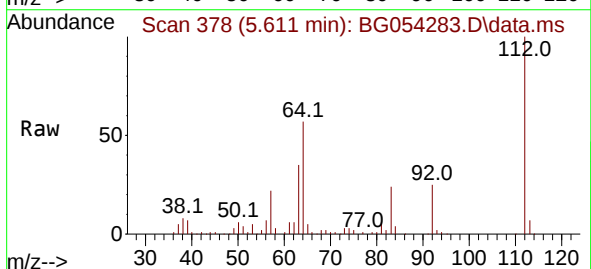
Instrument :
BNA_G
ClientSampleId :
PSC124055

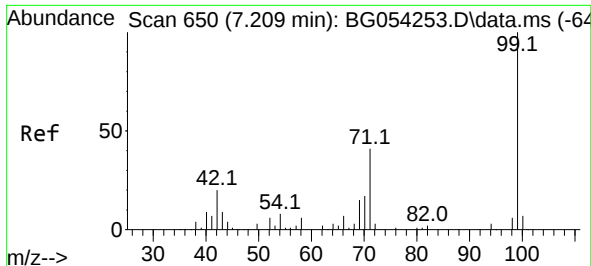
Tgt Ion:152 Resp: 15193
Ion Ratio Lower Upper
152 100
150 160.5 131.6 197.4
115 53.3 50.9 76.3



#5
2-Fluorophenol
Concen: 131.357 ng
RT: 5.611 min Scan# 378
Delta R.T. 0.000 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion:112 Resp: 99334
Ion Ratio Lower Upper
112 100
64 57.3 55.1 82.7
63 35.0 30.4 45.6

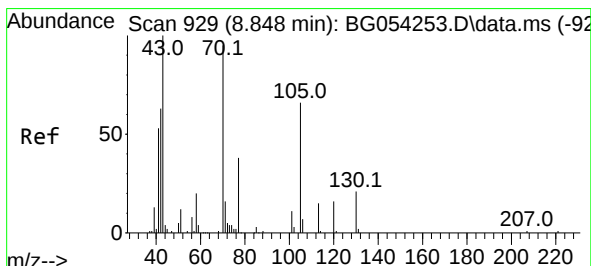
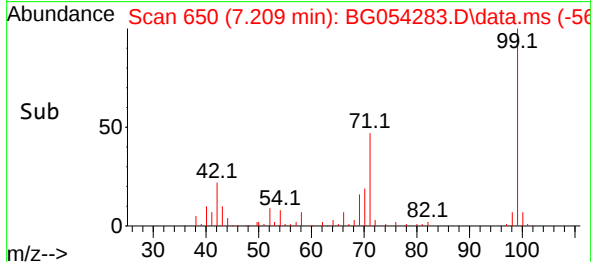
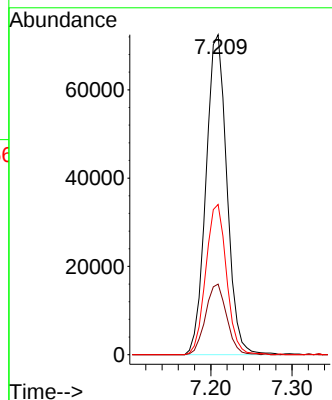
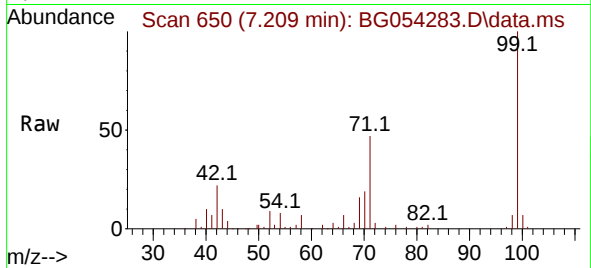




#7
Phenol-d6
Concen: 124.204 ng
RT: 7.209 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

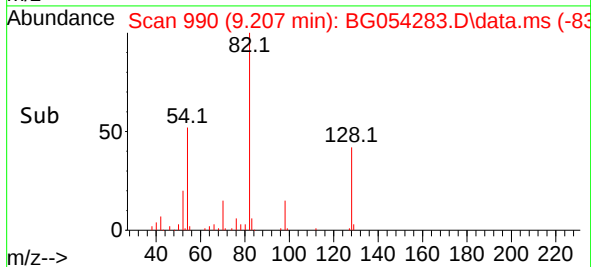
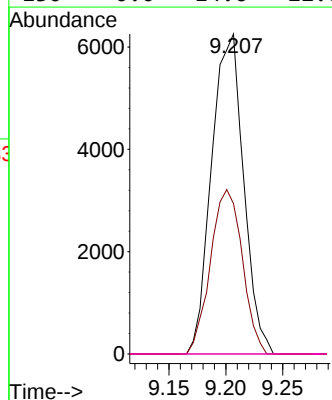
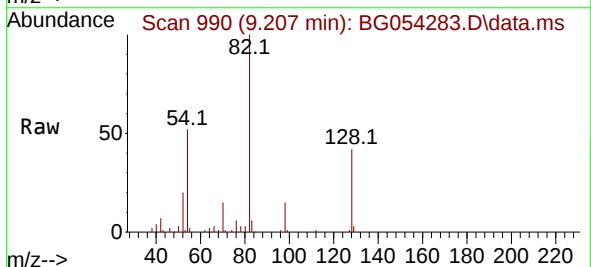
Instrument :
BNA_G
ClientSampleId :
PSC124055

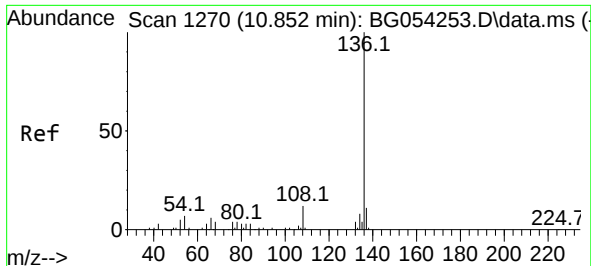
Tgt Ion: 99 Resp: 129545
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 47.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.174 ng
RT: 9.207 min Scan# 990
Delta R.T. 0.359 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion: 70 Resp: 12229
Ion Ratio Lower Upper
70 100
42 47.0 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

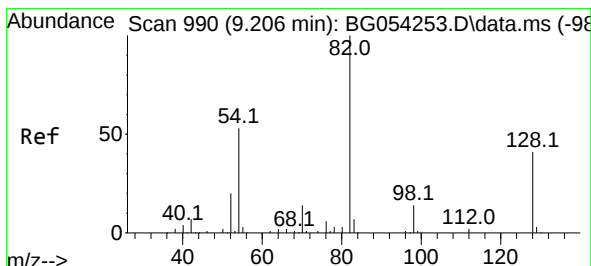
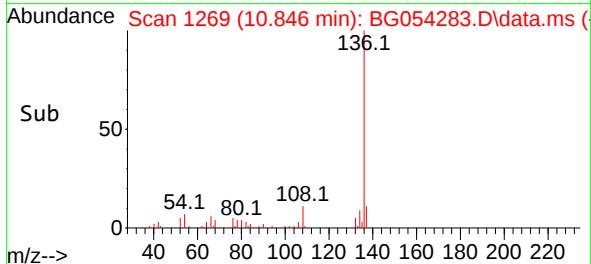
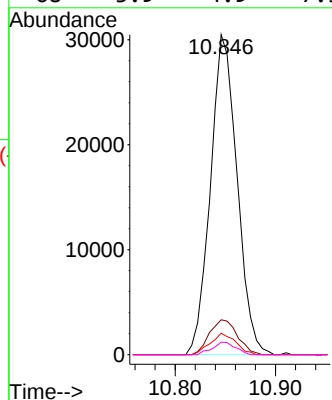
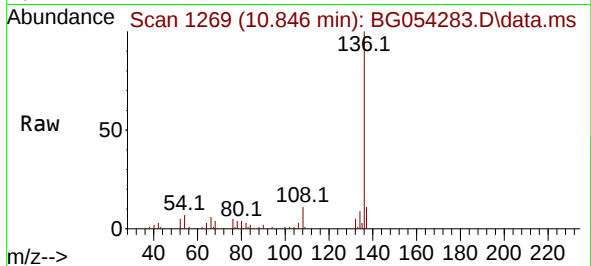




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

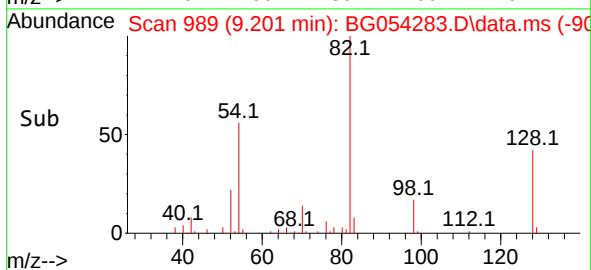
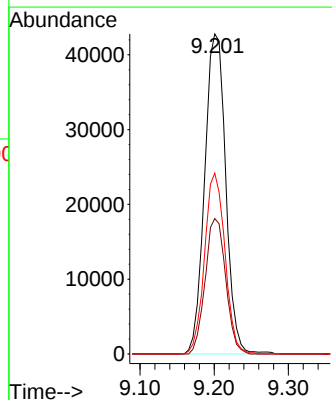
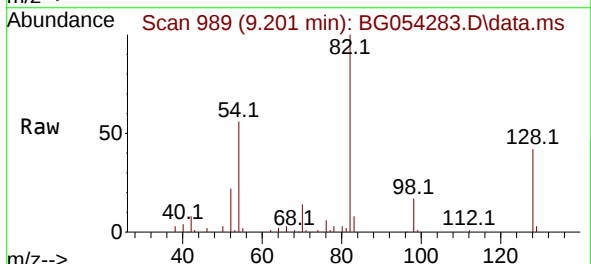
Instrument :
BNA_G
ClientSampleId :
PSC124055

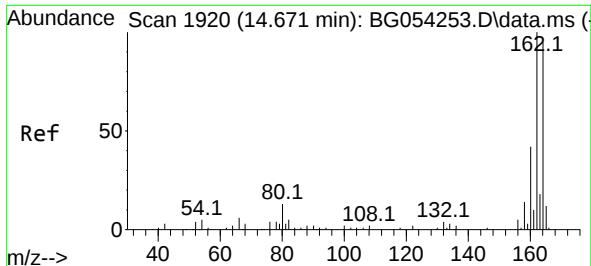
Tgt Ion:	136	Resp:	56189
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.7	7.4	11.2#
68	3.9	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 81.387 ng
RT: 9.201 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion:	82	Resp:	84270
Ion Ratio	Lower	Upper	
82	100		
128	42.3	27.9	41.9#
54	56.5	41.2	61.8

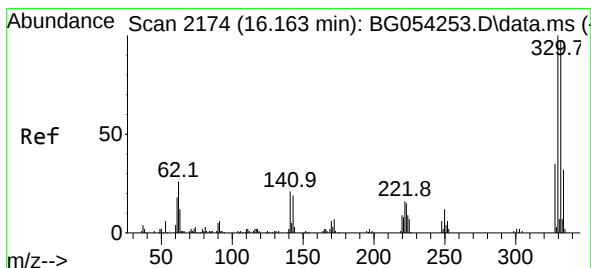
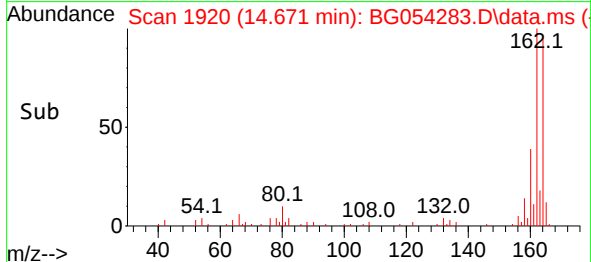
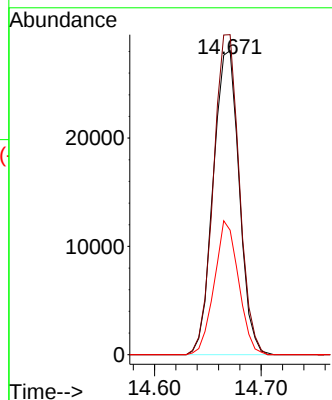
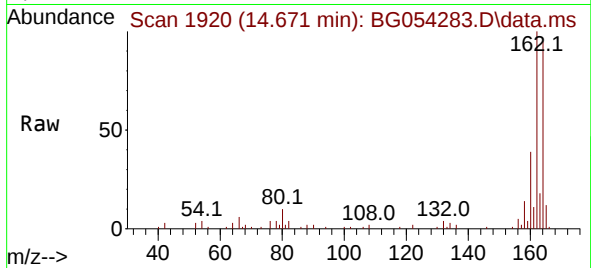




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

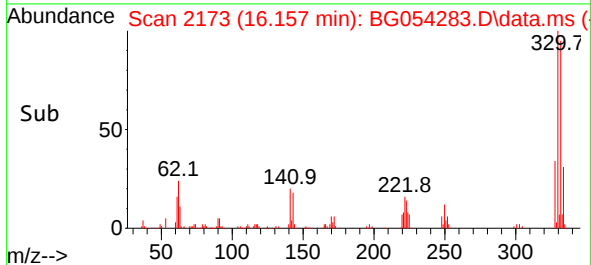
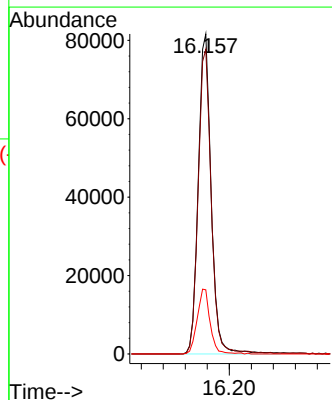
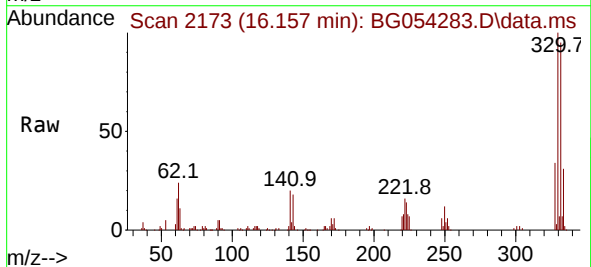
Instrument :
BNA_G
ClientSampleId :
PSC124055

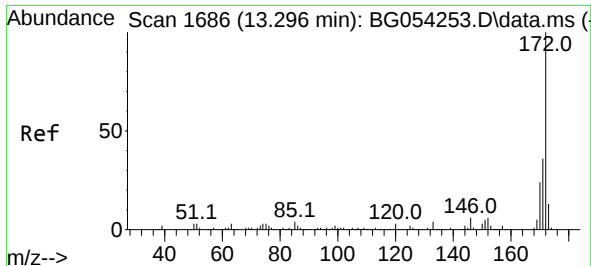
Tgt Ion:164 Resp: 47465
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 41.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 144.655 ng
RT: 16.157 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion:330 Resp: 133002
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 20.2 27.1 40.7#

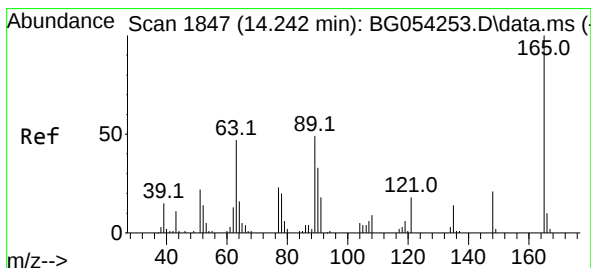
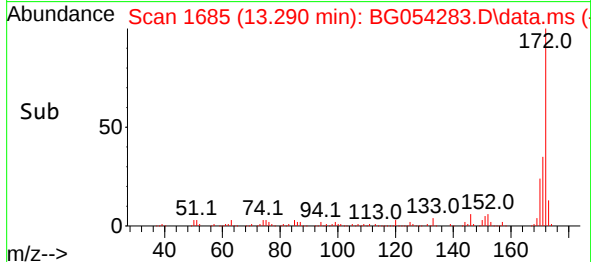
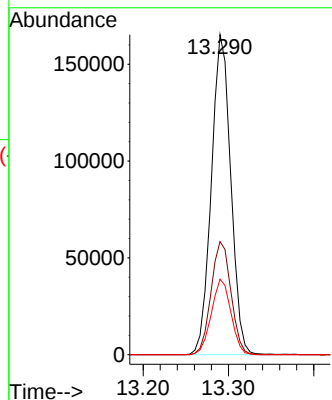
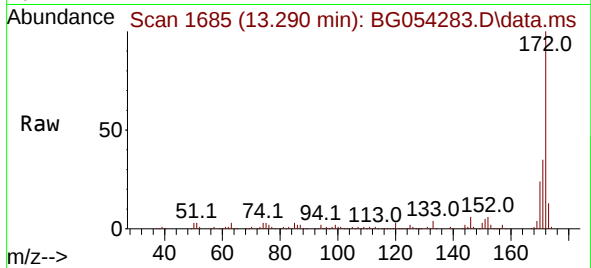




#45
2-Fluorobiphenyl
Concen: 80.871 ng
RT: 13.290 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

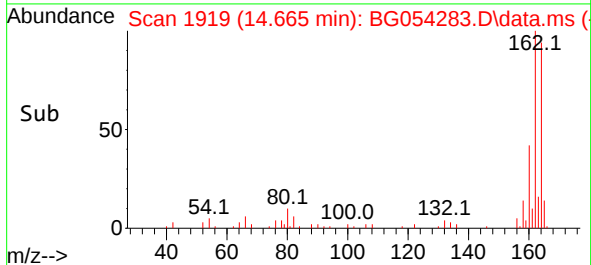
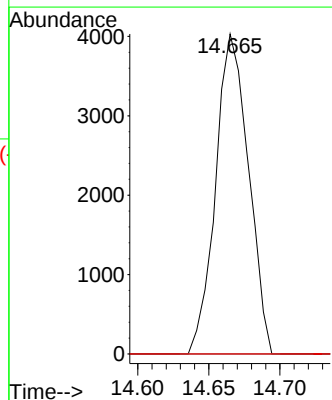
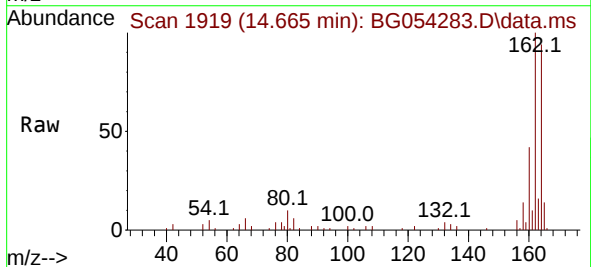
Instrument :
BNA_G
ClientSampleId :
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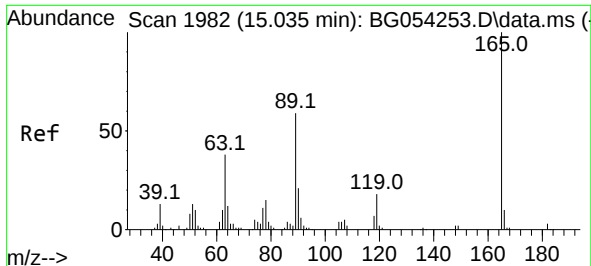
Tgt Ion:172 Resp: 261240
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.001 ng
RT: 14.665 min Scan# 1919
Delta R.T. 0.423 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion:165 Resp: 6481
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.526 ng

RT: 14.665 min Scan# 1982

Delta R.T. -0.370 min

Lab File: BG054283.D

Acq: 14 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

PSC124055

Tgt Ion:165 Resp: 6481

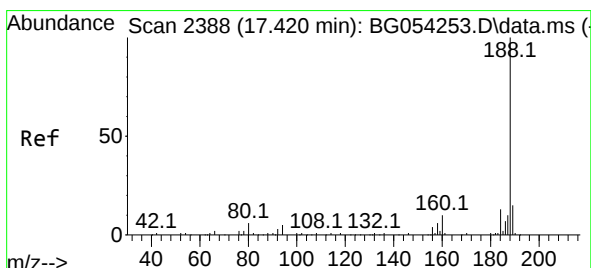
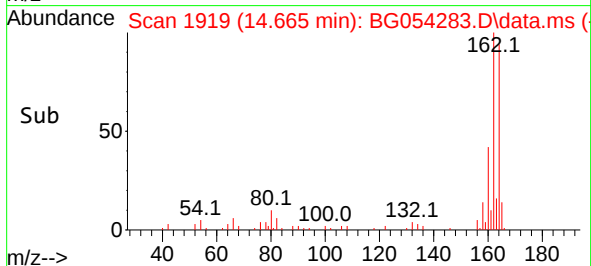
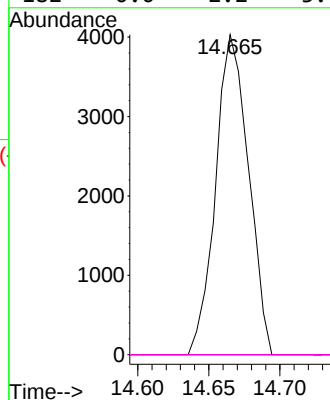
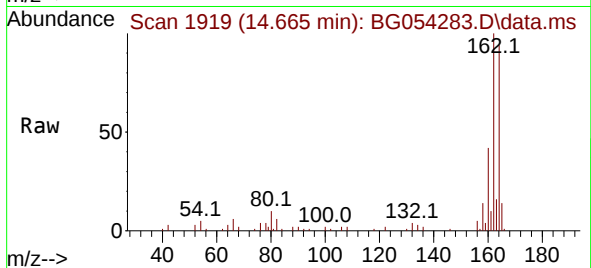
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.409 min Scan# 2386

Delta R.T. -0.011 min

Lab File: BG054283.D

Acq: 14 Jul 2022 16:56

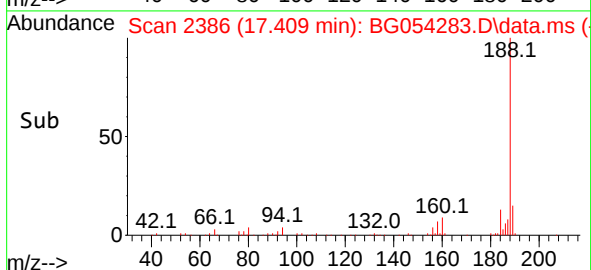
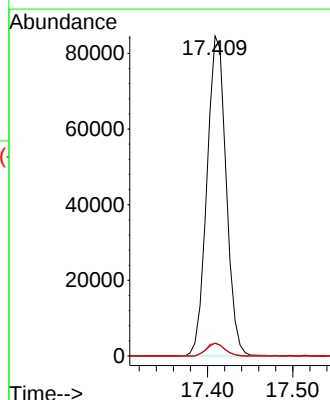
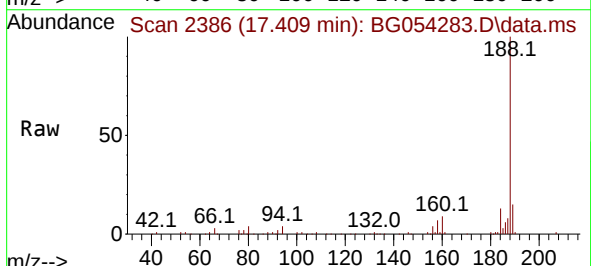
Tgt Ion:188 Resp: 132597

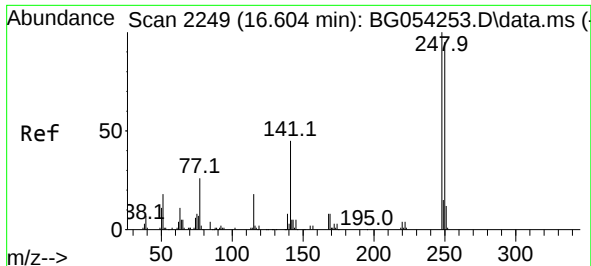
Ion Ratio Lower Upper

188 100

94 4.0 5.4 8.0#

80 3.9 6.8 10.2#

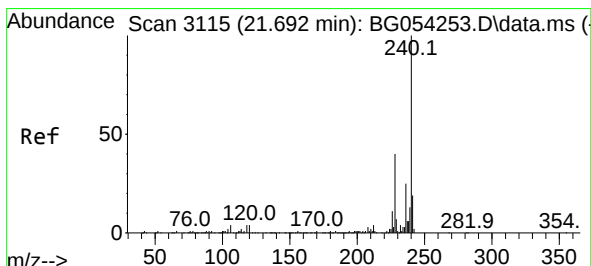
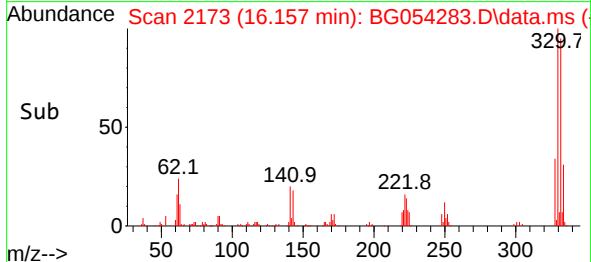
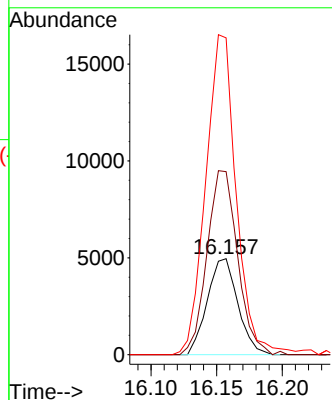
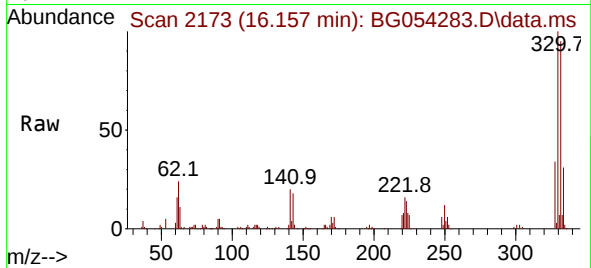




#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 16.157 min Scan# 2113
Delta R.T. -0.446 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

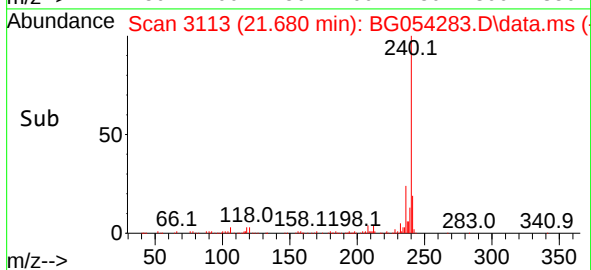
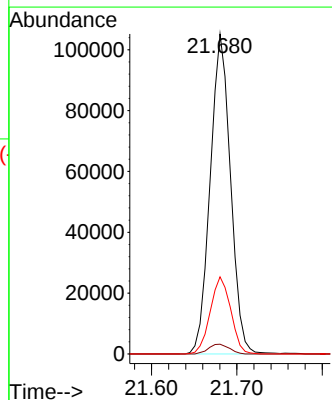
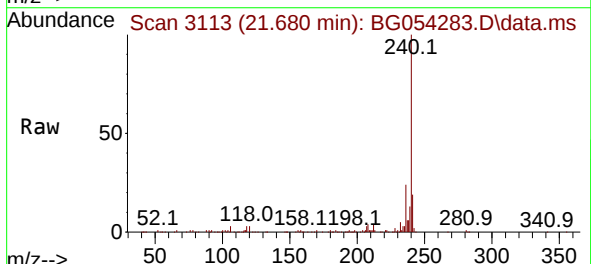
Instrument :
BNA_G
ClientSampleId :
PSC124055

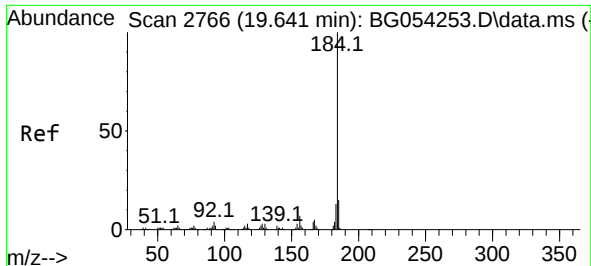
Tgt Ion:248 Resp: 8013
Ion Ratio Lower Upper
248 100
250 250.5 75.2 112.8#
141 330.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Tgt Ion:240 Resp: 174077
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 24.1 20.2 30.4

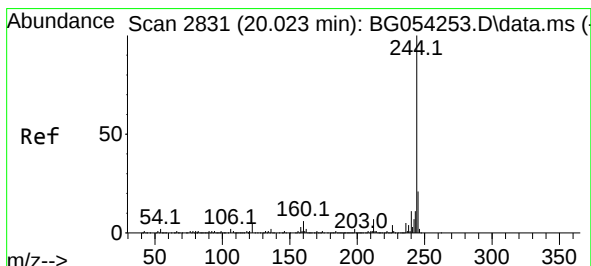
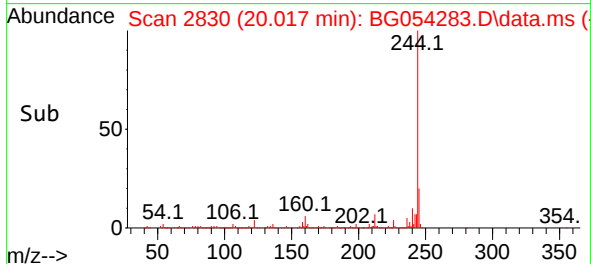
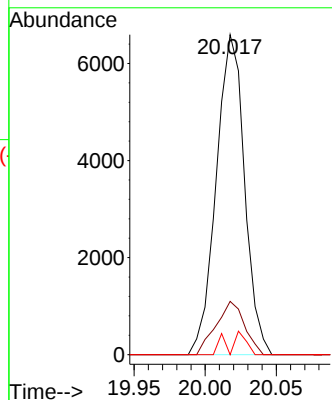
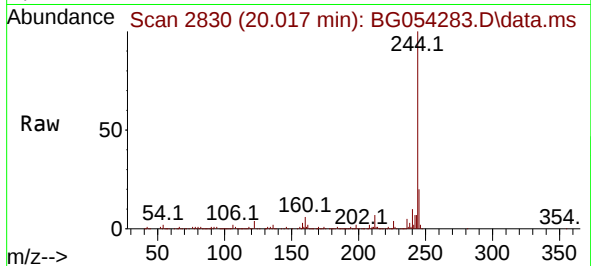




#77
Benzidine
Concen: 2.982 ng
RT: 20.017 min Scan# 2830
Delta R.T. 0.376 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

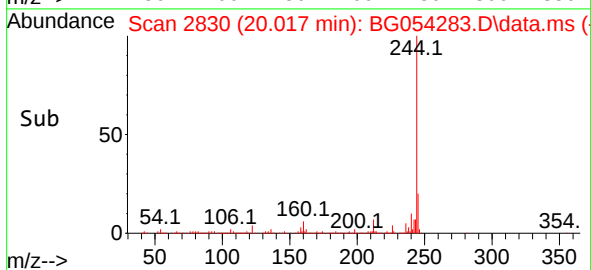
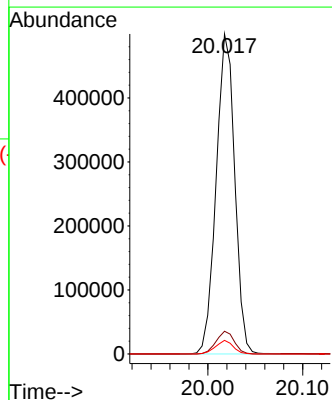
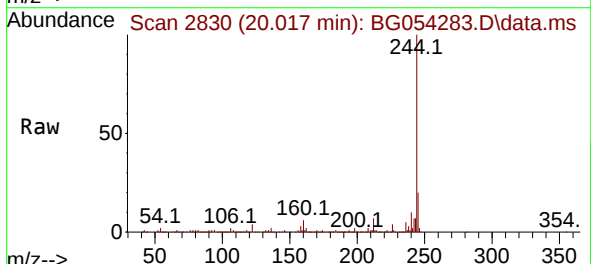
Instrument :
BNA_G
ClientSampleId :
PSC124055

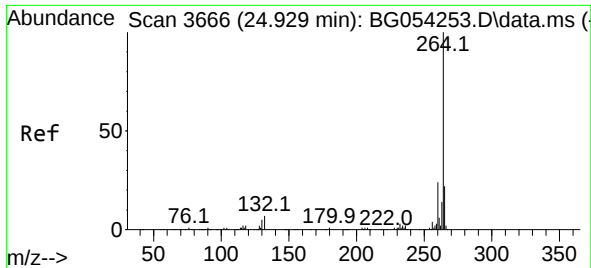
Tgt Ion:184 Resp: 9112
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.6
183 0.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 80.334 ng
RT: 20.017 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

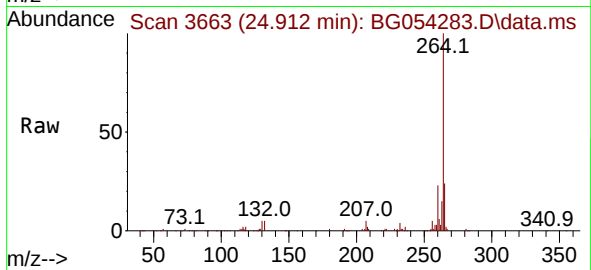
Tgt Ion:244 Resp: 680046
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.2 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG054283.D
Acq: 14 Jul 2022 16:56

Instrument :
BNA_G
ClientSampleId :
PSC124055



Tgt Ion:264 Resp: 182899

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	23.9	17.4	26.2

