

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054144.D
 Acq On : 29 Jun 2022 14:17
 Operator : CG/JU
 Sample : N3488-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-17-19-20220623

Quant Time: Jun 29 14:53:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

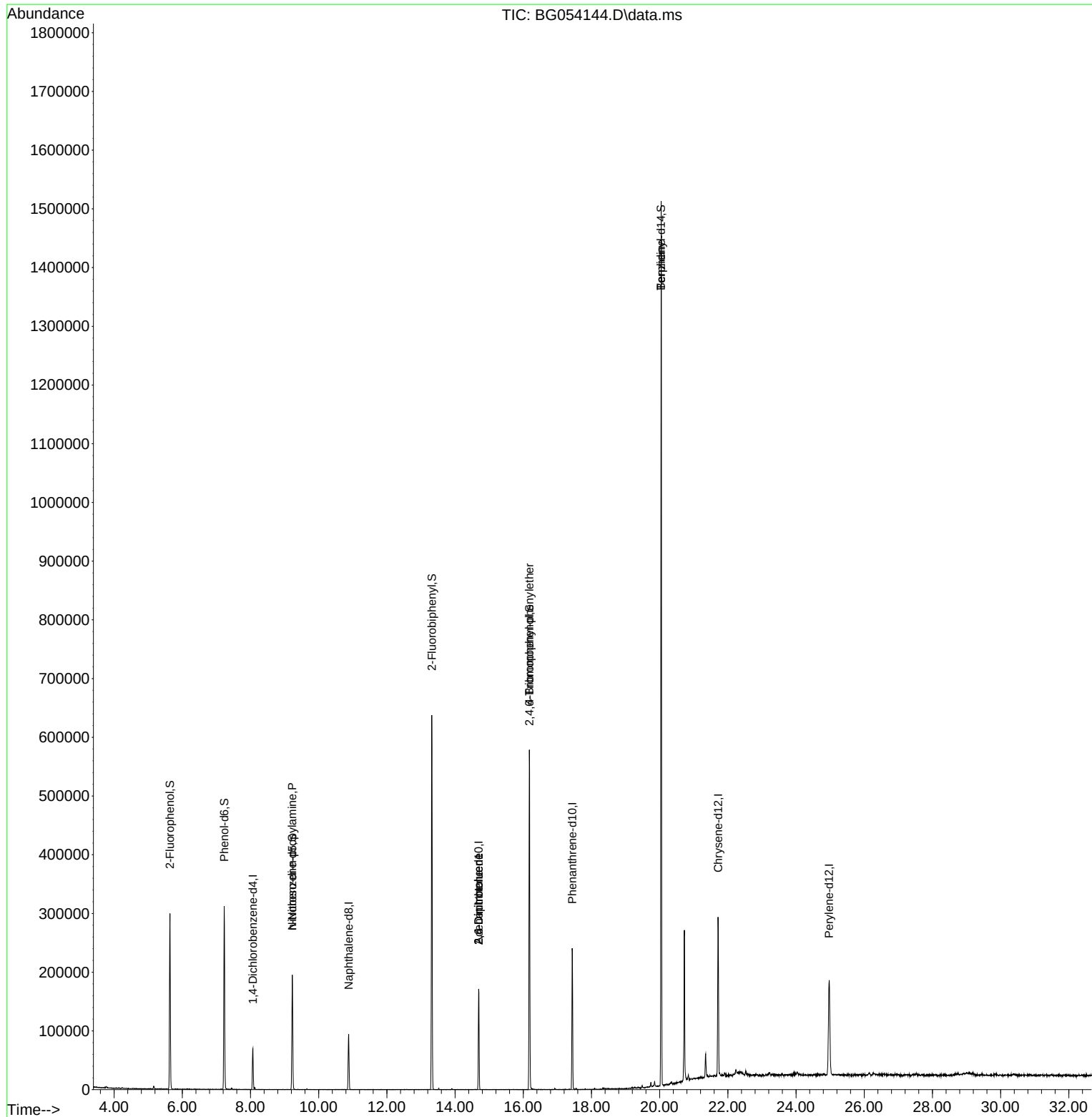
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	22391	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	87146	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	67239	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	176432	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	188278	20.000	ng	0.00
86) Perylene-d12	24.968	264	190861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	139870	119.431	ng	0.00
7) Phenol-d6	7.230	99	191171	120.330	ng	0.00
23) Nitrobenzene-d5	9.228	82	126523	81.588	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	141488	130.969	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	368336	79.658	ng	0.00
79) Terphenyl-d14	20.045	244	820289	87.749	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.228	70	16494	15.453	ng	# 83
51) 2,6-Dinitrotoluene	14.692	165	9105	8.800	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9105	6.231	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	9003	4.086	ng	# 1
77) Benzydine	20.045	184	11308	2.900	ng	# 92

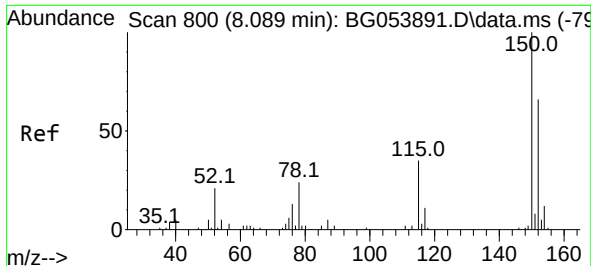
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
Data File : BG054144.D
Acq On : 29 Jun 2022 14:17
Operator : CG/JU
Sample : N3488-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

Quant Time: Jun 29 14:53:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

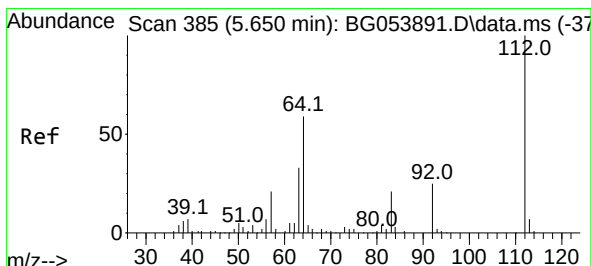
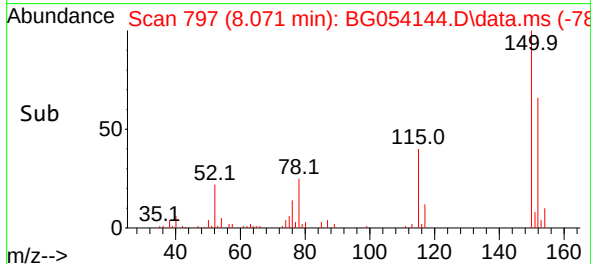
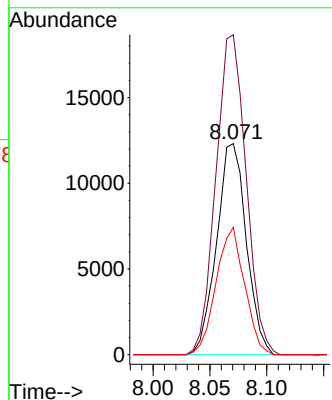
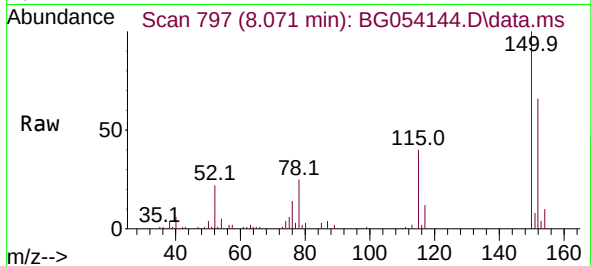




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

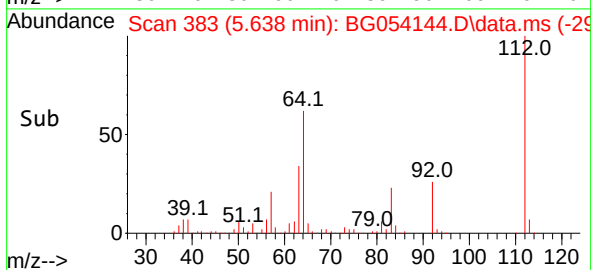
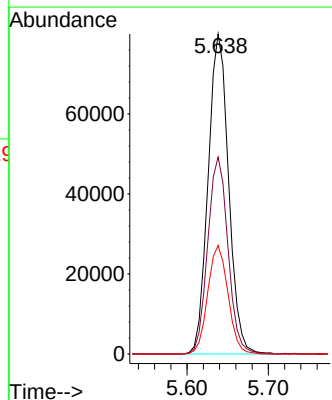
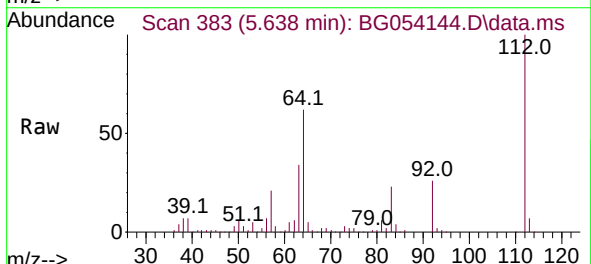
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

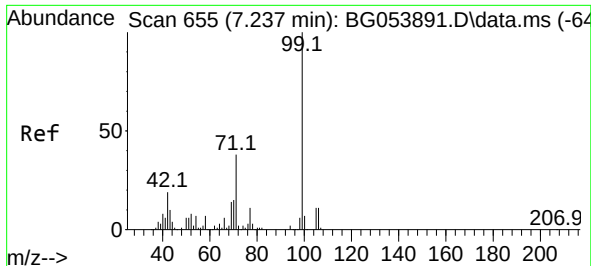
Tgt Ion:152 Resp: 22391
Ion Ratio Lower Upper
152 100
150 151.7 131.6 197.4
115 60.4 50.9 76.3



#5
2-Fluorophenol
Concen: 119.431 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Tgt Ion:112 Resp: 139870
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 33.9 30.4 45.6

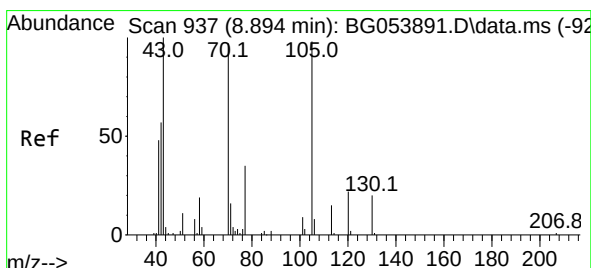
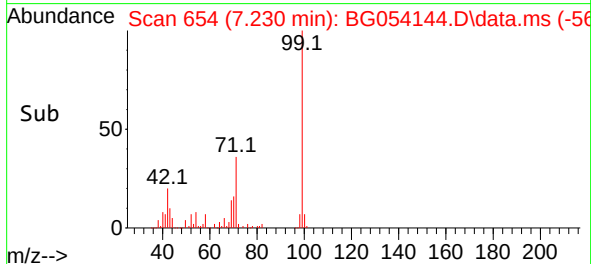
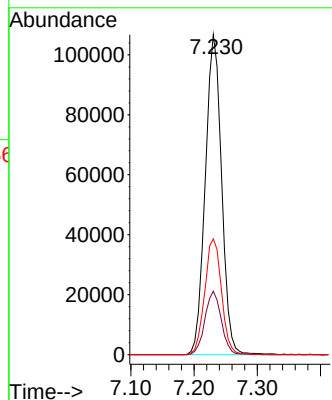
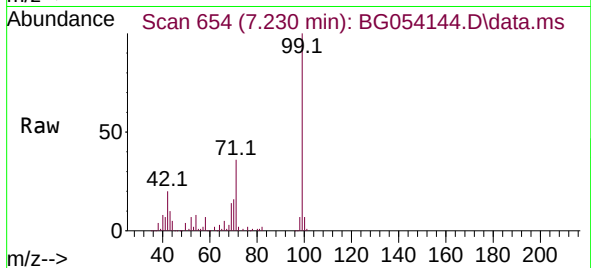




#7
Phenol-d6
Concen: 120.330 ng
RT: 7.230 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

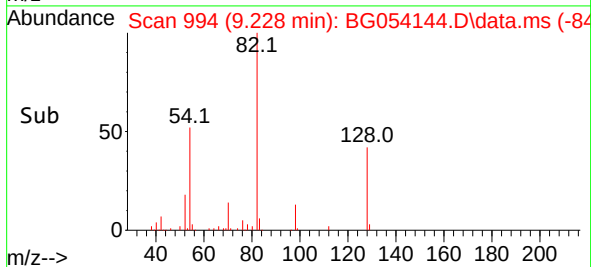
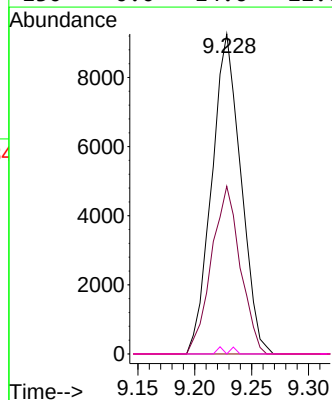
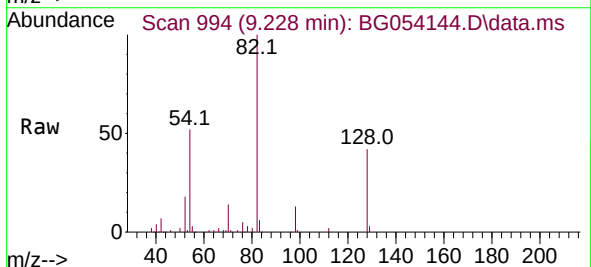
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

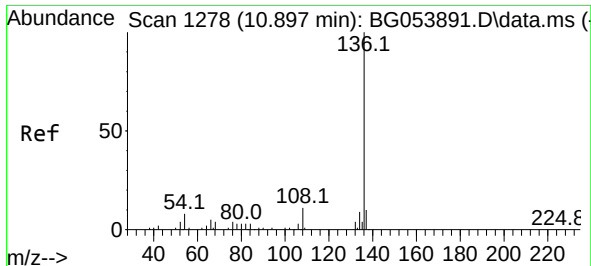
Tgt Ion: 99 Resp: 191171
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 36.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.453 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Tgt Ion: 70 Resp: 16494
Ion Ratio Lower Upper
70 100
42 52.4 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

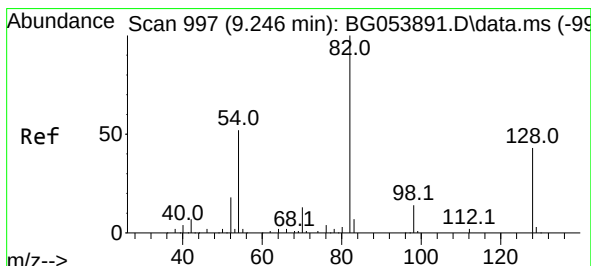
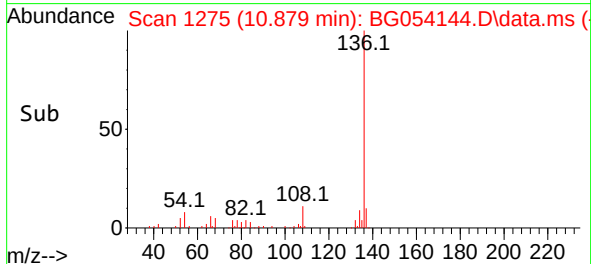
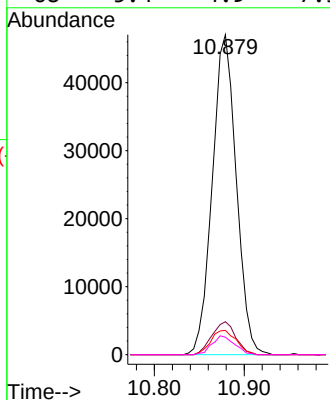
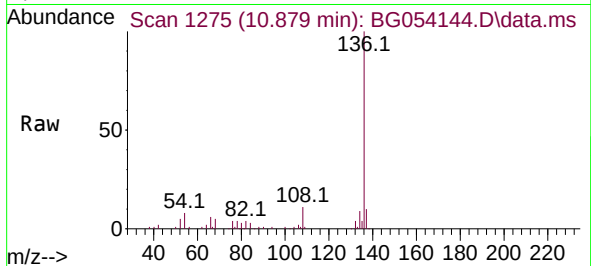




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

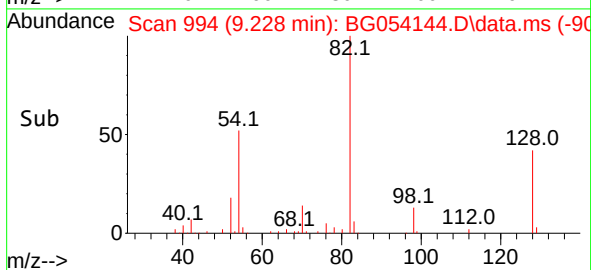
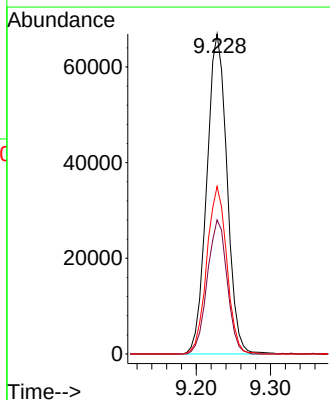
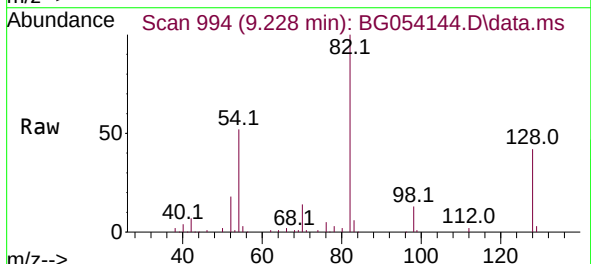
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

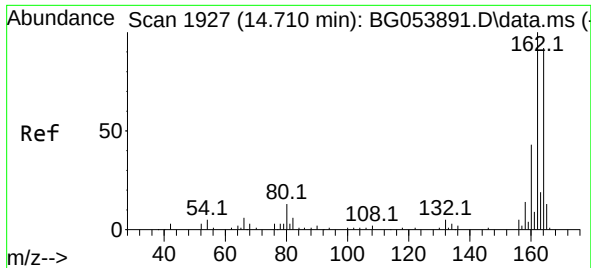
Tgt Ion:	136	Resp:	87146
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	7.6	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 81.588 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Tgt Ion:	82	Resp:	126523
Ion Ratio	Lower	Upper	
82	100		
128	41.9	27.9	41.9
54	52.3	41.2	61.8

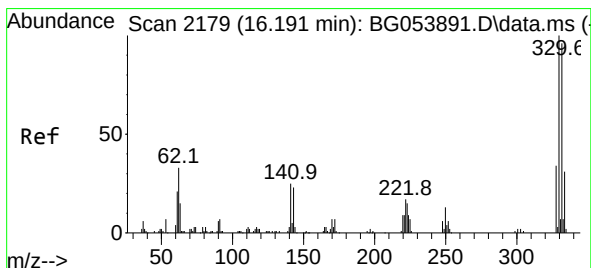
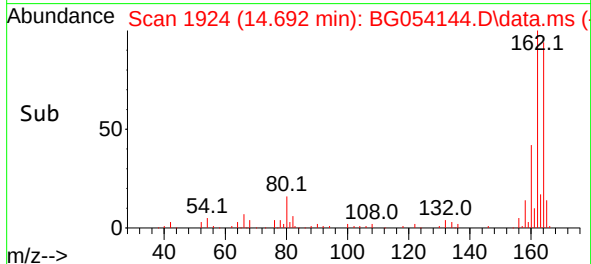
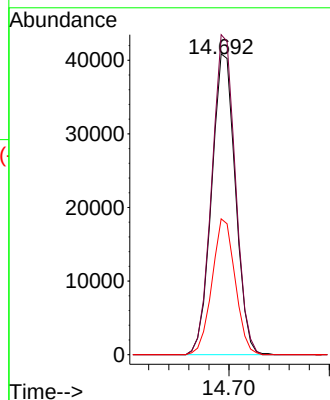
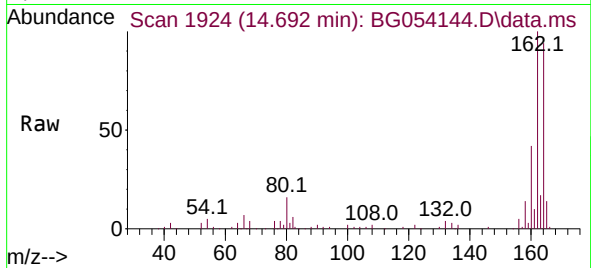




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

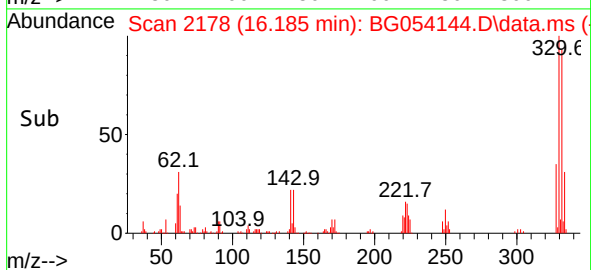
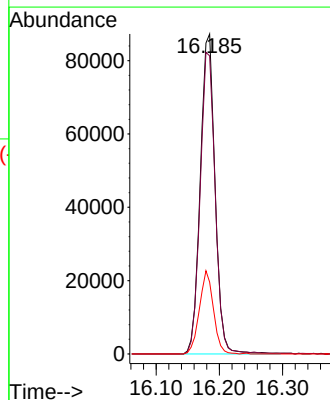
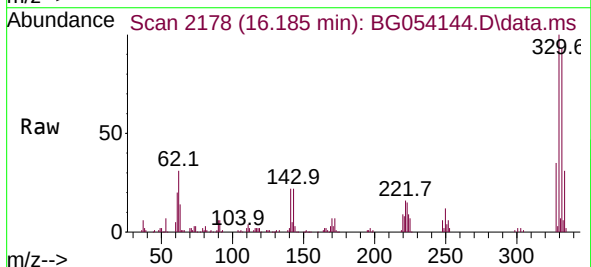
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

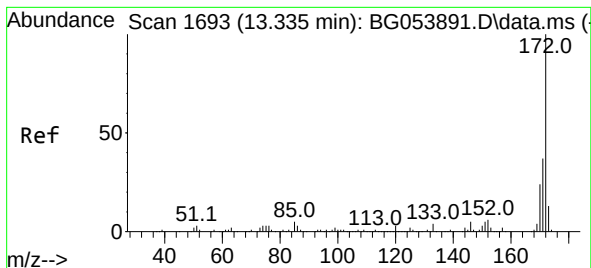
Tgt Ion:164 Resp: 67239
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 45.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 130.969 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Tgt Ion:330 Resp: 141488
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 24.7 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 79.658 ng

RT: 13.317 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054144.D

Acq: 29 Jun 2022 14:17

Instrument :

BNA_G

ClientSampleId :

SB-12-17-19-20220623

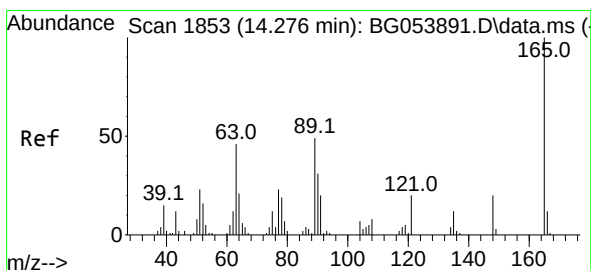
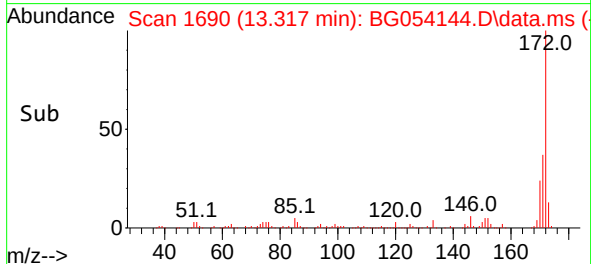
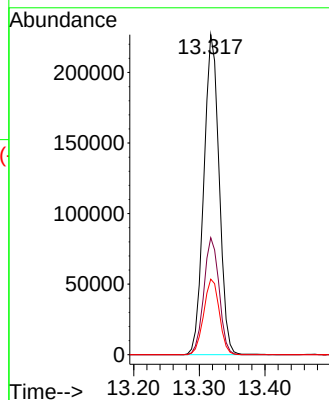
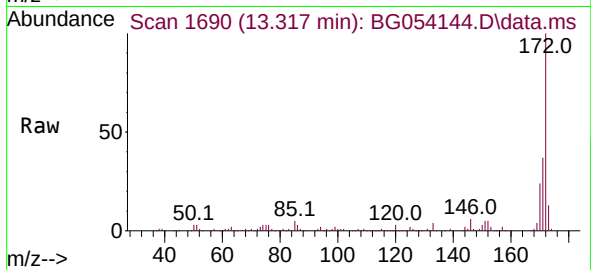
Tgt Ion:172 Resp: 368336

Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 23.6 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.800 ng

RT: 14.692 min Scan# 1924

Delta R.T. 0.429 min

Lab File: BG054144.D

Acq: 29 Jun 2022 14:17

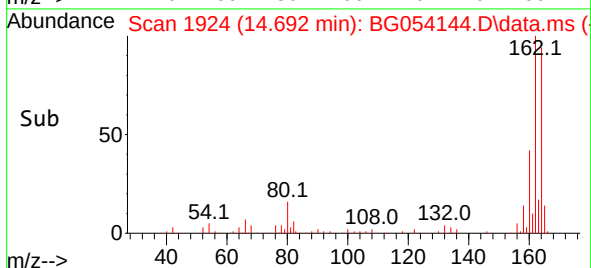
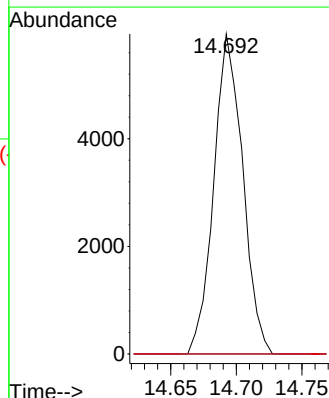
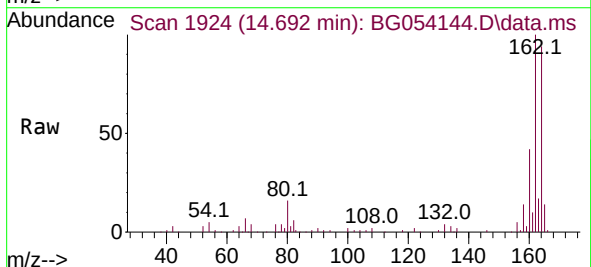
Tgt Ion:165 Resp: 9105

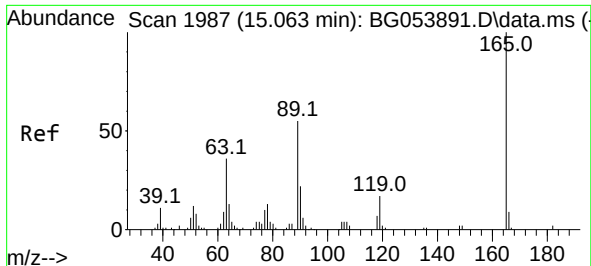
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.231 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054144.D

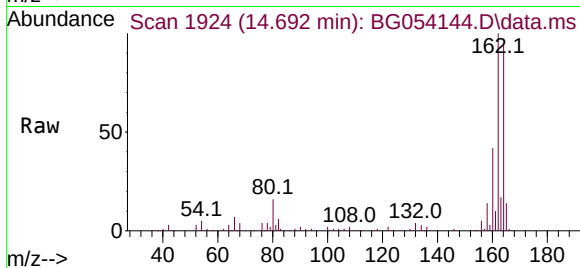
Acq: 29 Jun 2022 14:17

Instrument :

BNA_G

ClientSampleId :

SB-12-17-19-20220623



Tgt Ion:165 Resp: 9105

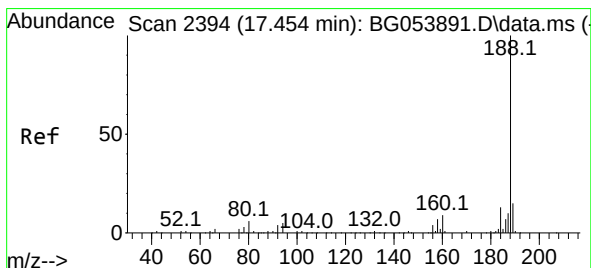
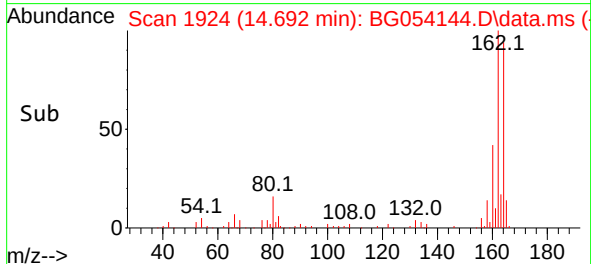
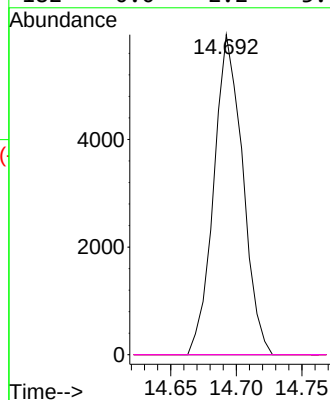
Ion Ratio Lower Upper

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: 17.436 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054144.D

Acq: 29 Jun 2022 14:17

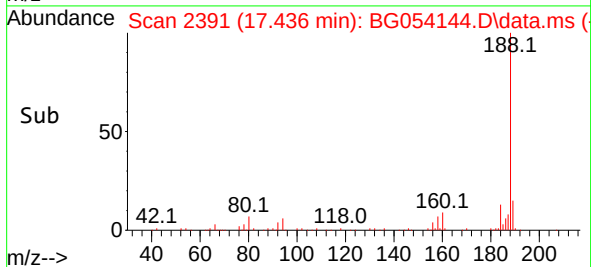
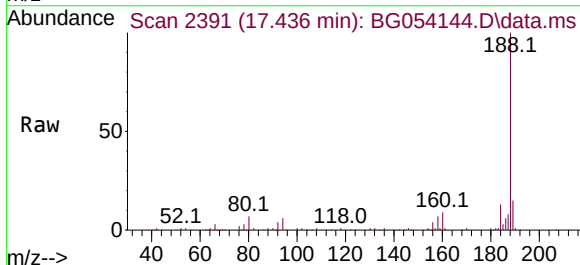
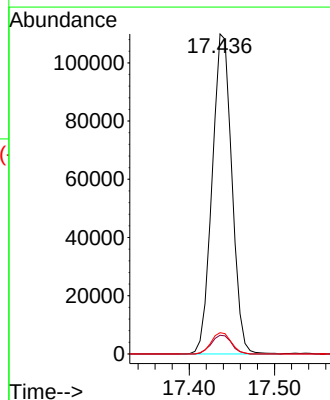
Tgt Ion:188 Resp: 176432

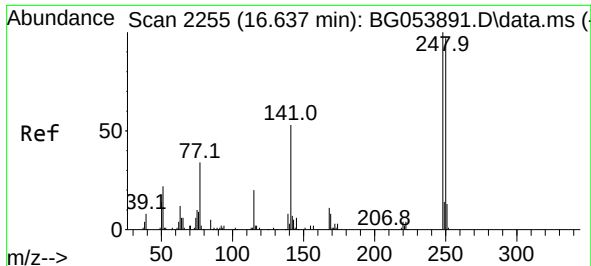
Ion Ratio Lower Upper

188 100

94 5.8 5.4 8.0

80 6.6 6.8 10.2#

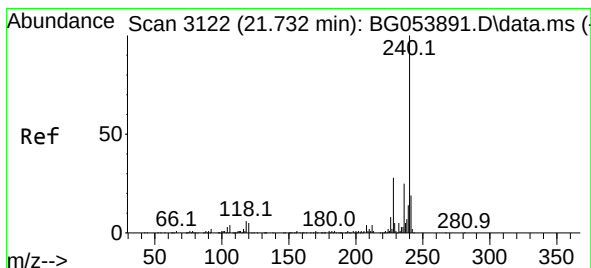
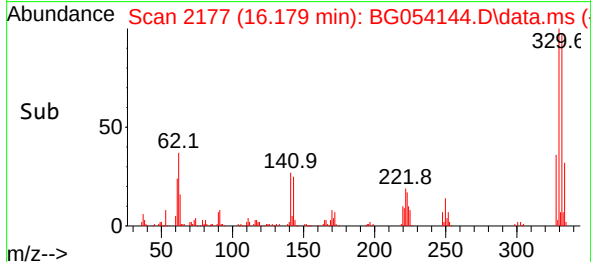
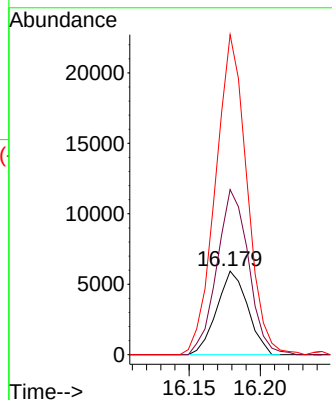
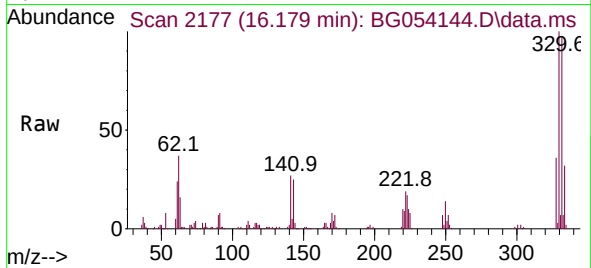




#67
4-Bromophenyl-phenylether
Concen: 4.086 ng
RT: 16.179 min Scan# 2117
Delta R.T. -0.446 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

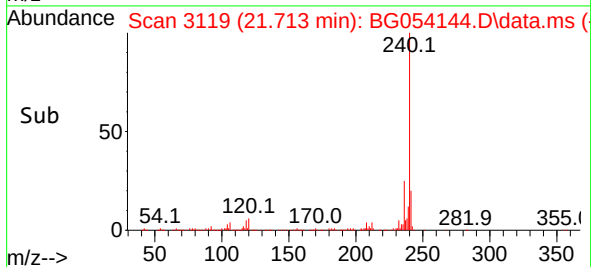
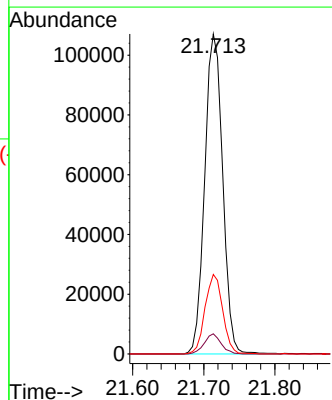
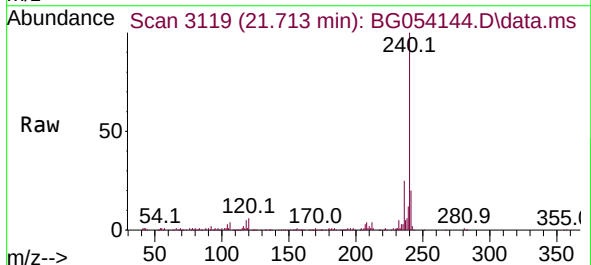
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

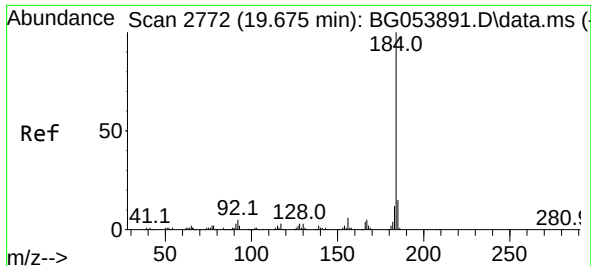
Tgt Ion:248 Resp: 9003
Ion Ratio Lower Upper
248 100
250 151.5 75.2 112.8#
141 293.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Tgt Ion:240 Resp: 188278
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.8 20.2 30.4

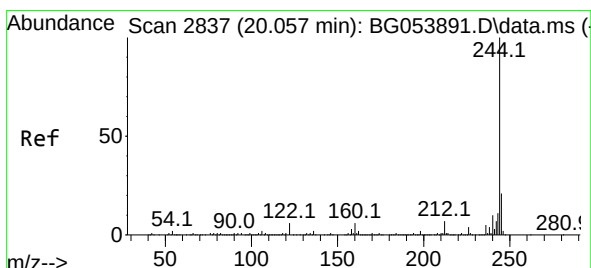
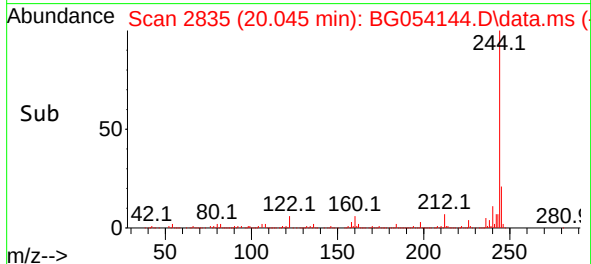
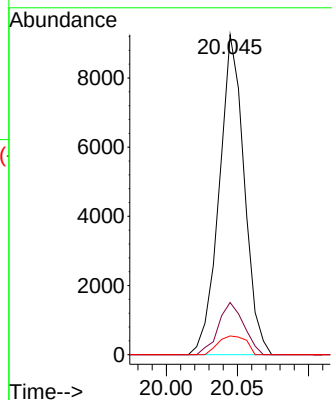
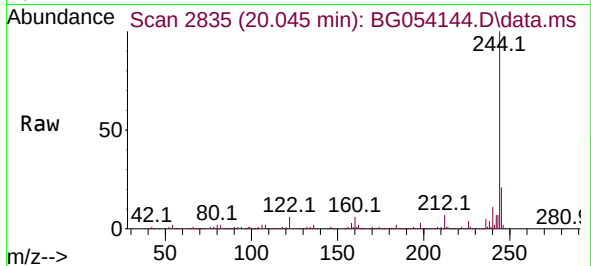




#77
Benzidine
Concen: 2.900 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

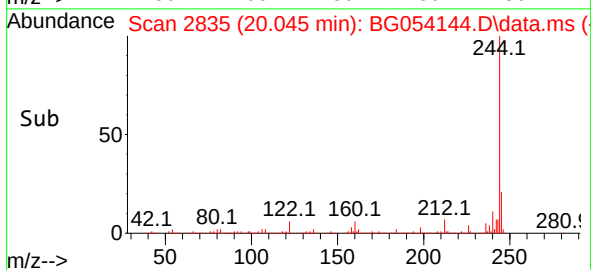
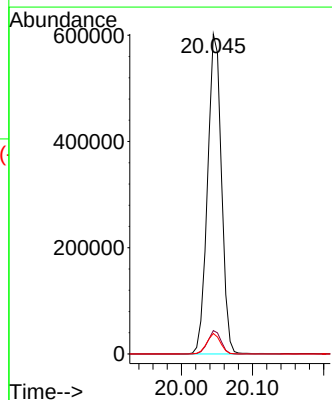
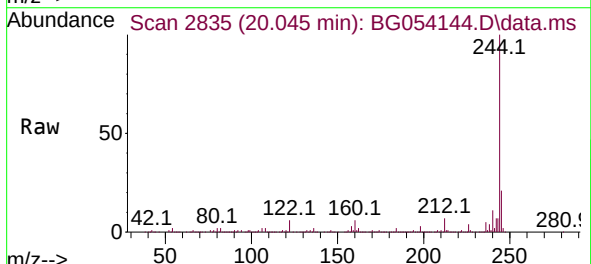
Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623

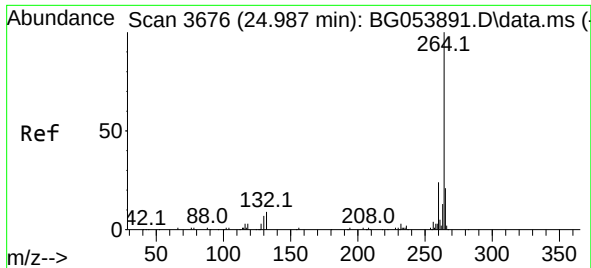
Tgt Ion:184 Resp: 11308
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 5.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.749 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

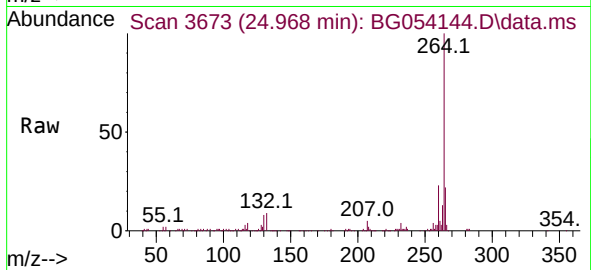
Tgt Ion:244 Resp: 820289
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG054144.D
Acq: 29 Jun 2022 14:17

Instrument :
BNA_G
ClientSampleId :
SB-12-17-19-20220623



Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.7	17.4	26.2

