

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054148.D
 Acq On : 29 Jun 2022 16:55
 Operator : CG/JU
 Sample : PB145861BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145861BL

Quant Time: Jun 29 17:34:30 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)

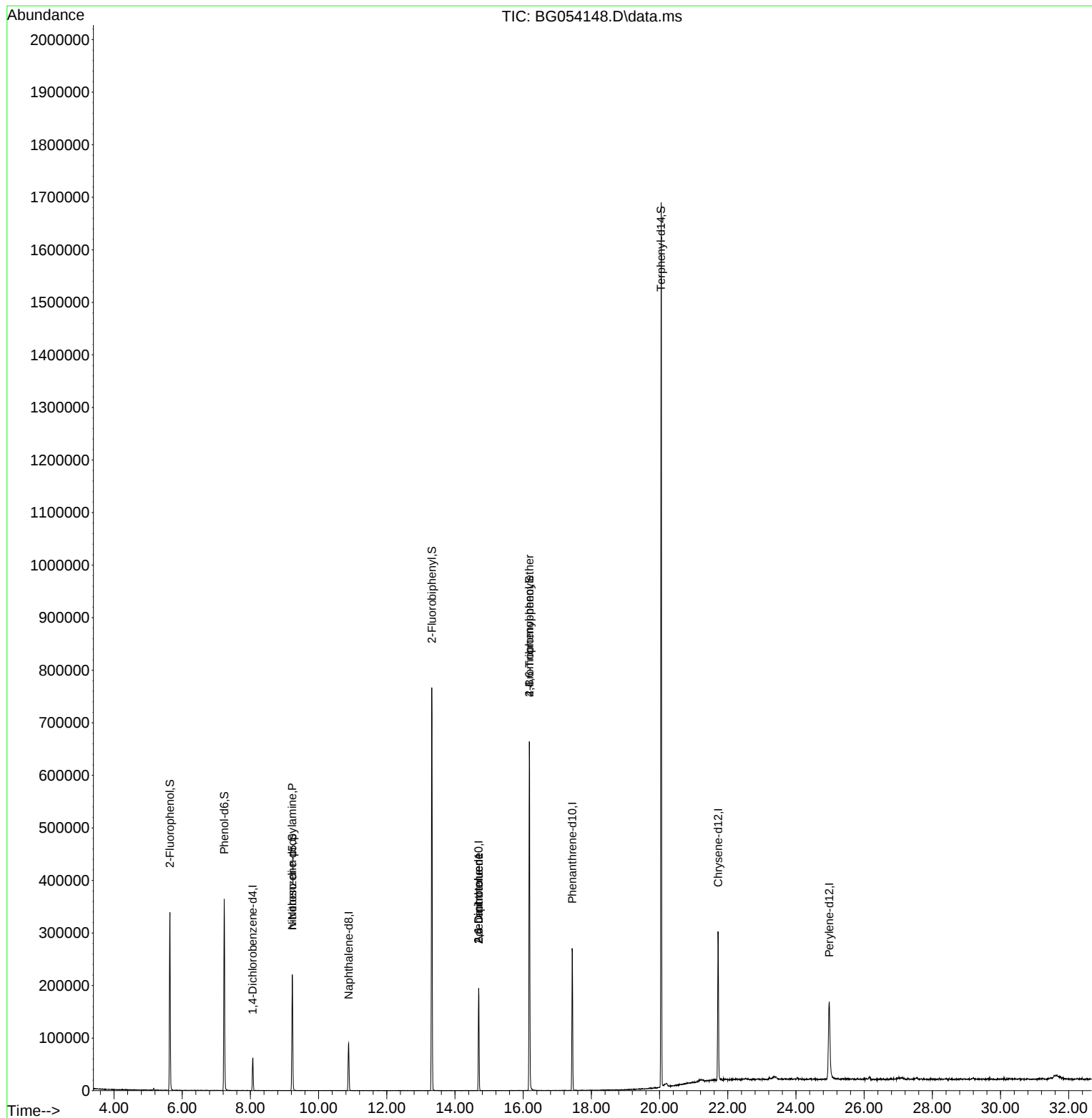
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	19681	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	88442	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	75491	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	201105	20.000	ng	0.00
76) Chrysene-d12	21.714	240	201820	20.000	ng	0.00
86) Perylene-d12	24.975	264	202478	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	158184	153.668	ng	0.00
7) Phenol-d6	7.231	99	223118	159.776	ng	0.00
23) Nitrobenzene-d5	9.229	82	143472	91.162	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	163511	134.810	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	447978	86.291	ng	0.00
79) Terphenyl-d14	20.045	244	954854	95.291	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.229	70	19015	20.268	ng	# 78
51) 2,6-Dinitrotoluene	14.693	165	10424	8.974	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	10424	6.354	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	9942	3.958	ng	# 1

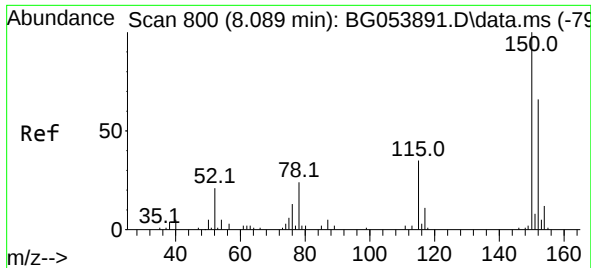
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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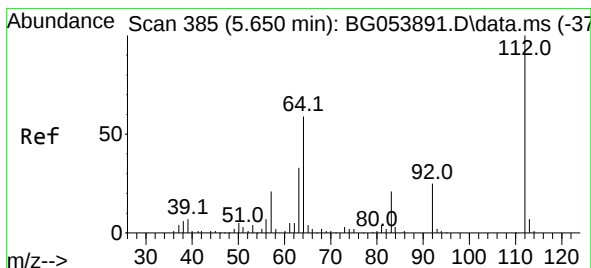
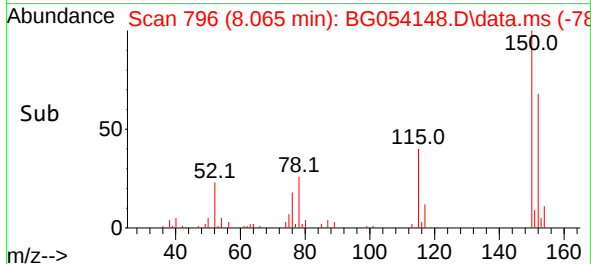
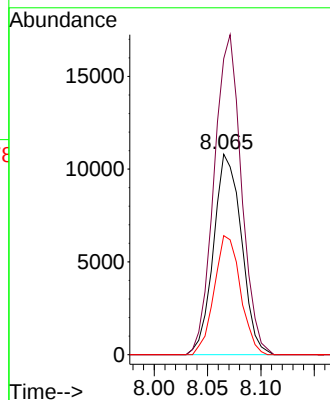
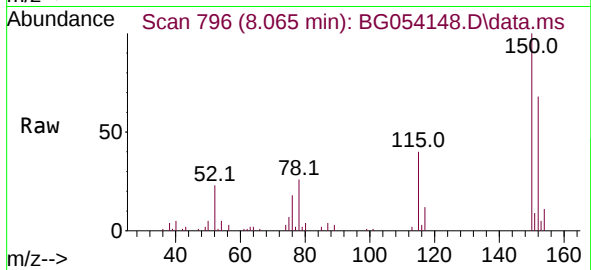




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

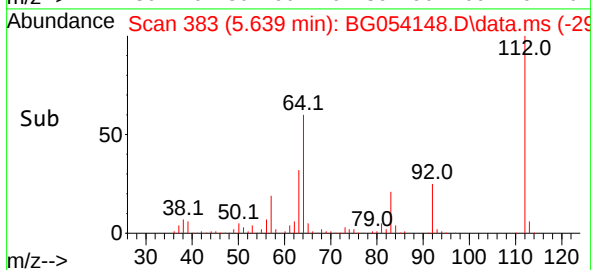
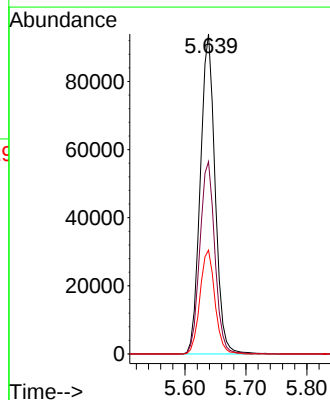
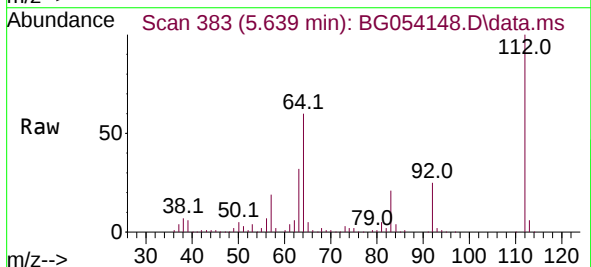
Instrument :
BNA_G
ClientSampleId :
PB145861BL

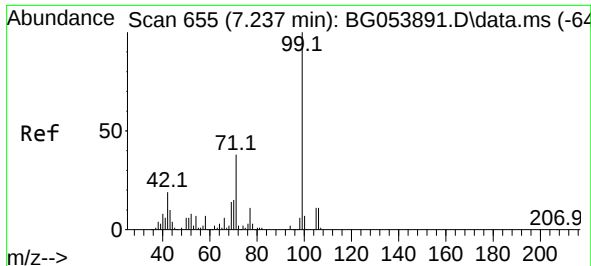
Tgt Ion:152 Resp: 19681
Ion Ratio Lower Upper
152 100
150 147.6 131.6 197.4
115 59.4 50.9 76.3



#5
2-Fluorophenol
Concen: 153.668 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

Tgt Ion:112 Resp: 158184
Ion Ratio Lower Upper
112 100
64 60.1 55.1 82.7
63 32.4 30.4 45.6

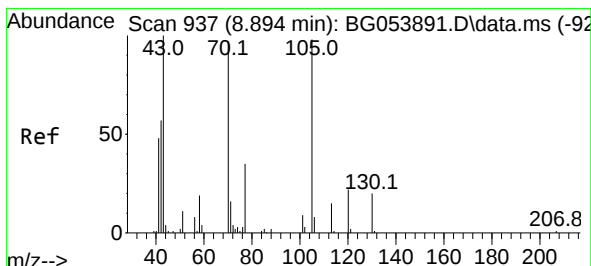
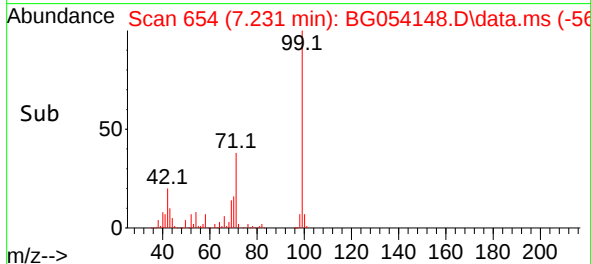
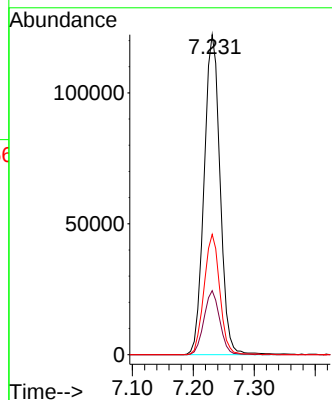
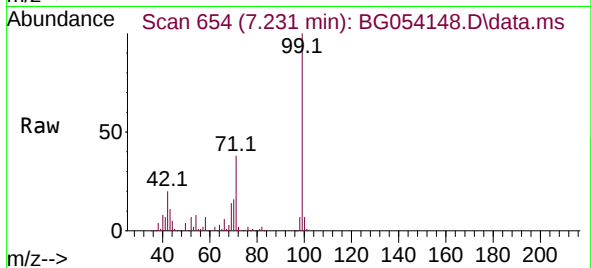




#7
Phenol-d6
Concen: 159.776 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

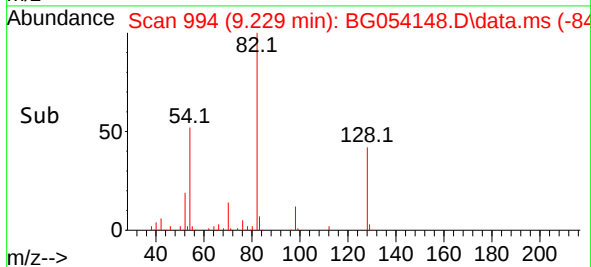
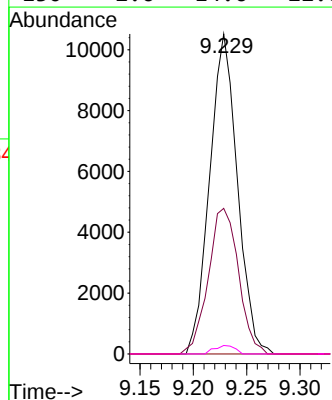
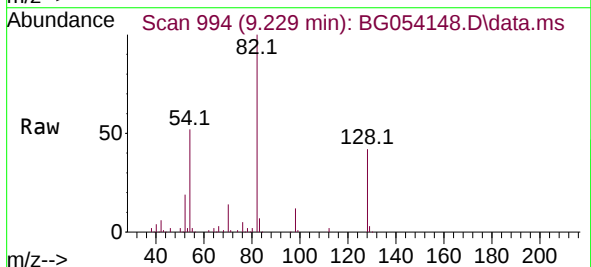
Instrument :
BNA_G
ClientSampleId :
PB145861BL

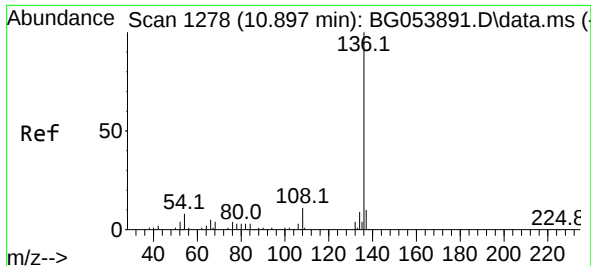
Tgt Ion: 99 Resp: 223118
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.268 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

Tgt Ion: 70 Resp: 19015
Ion Ratio Lower Upper
70 100
42 45.5 47.3 70.9#
101 0.0 7.0 10.4#
130 2.6 14.6 22.0#

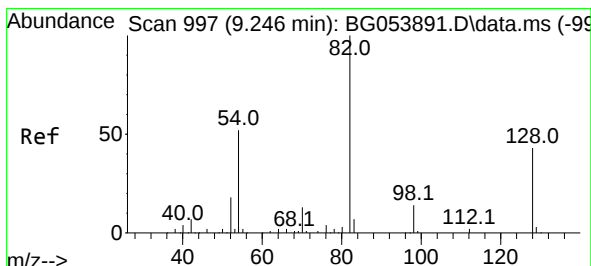
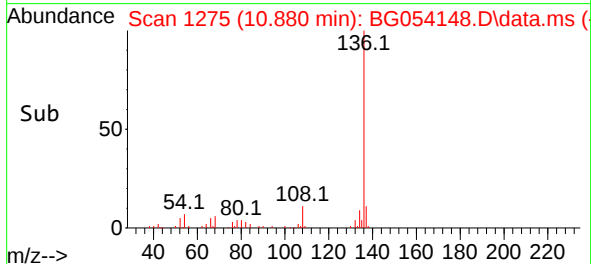
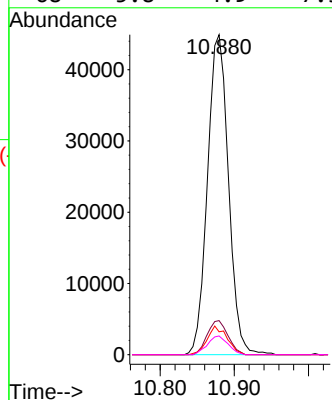
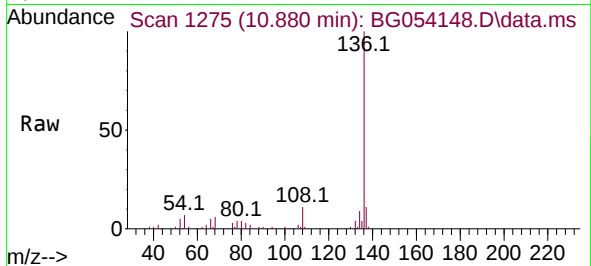




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

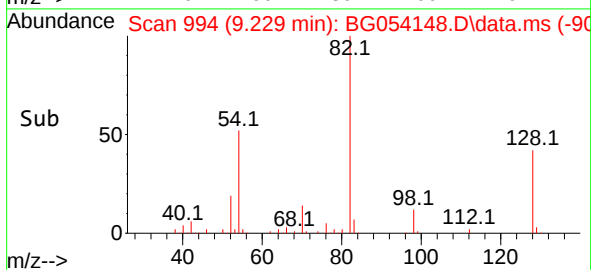
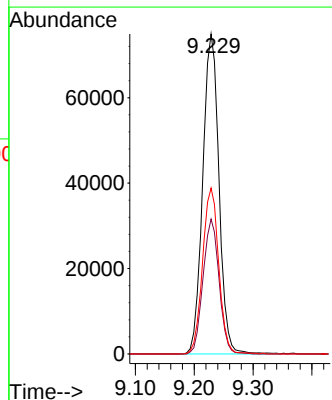
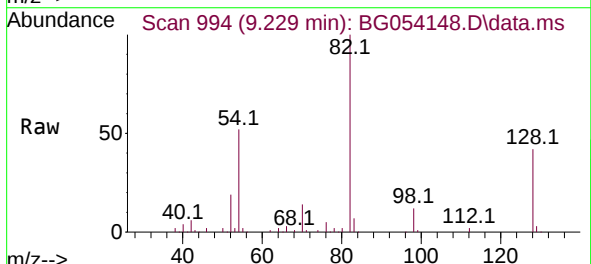
Instrument :
BNA_G
ClientSampleId :
PB145861BL

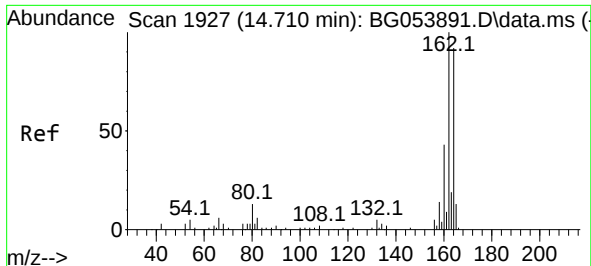
Tgt Ion:	136	Resp:	88442
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.1	7.4	11.2#
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.162 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

Tgt Ion:	82	Resp:	143472
Ion Ratio	Lower	Upper	
82	100		
128	42.2	27.9	41.9#
54	51.9	41.2	61.8

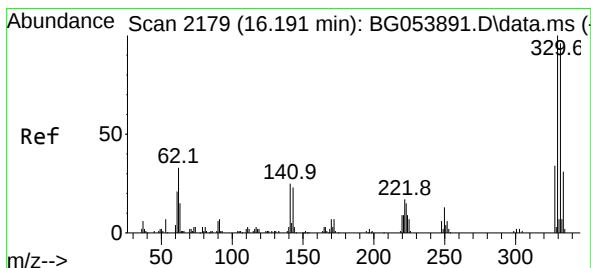
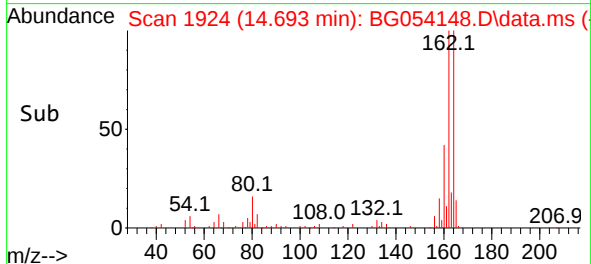
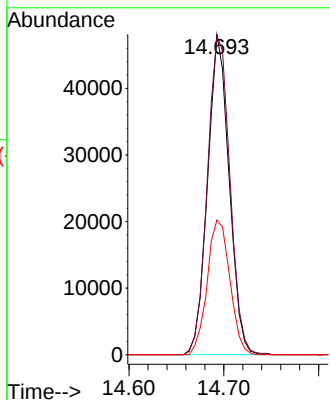
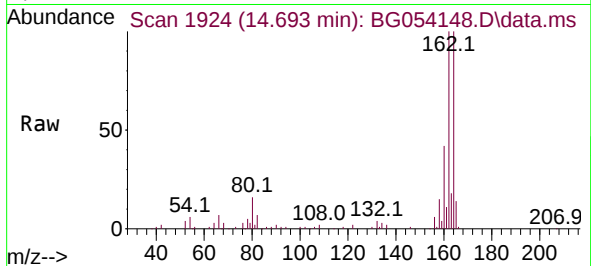




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

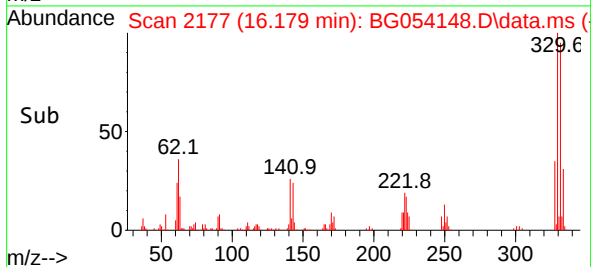
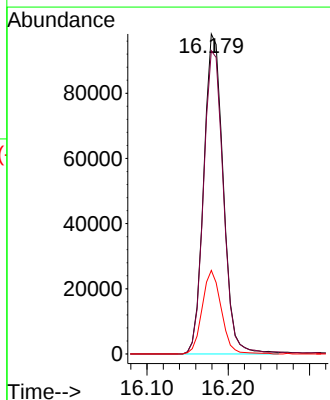
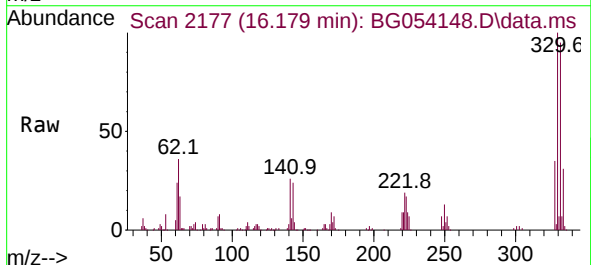
Instrument :
BNA_G
ClientSampleId :
PB145861BL

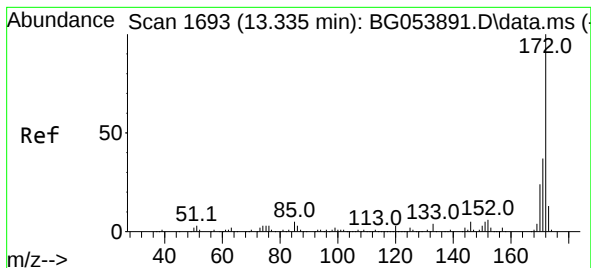
Tgt Ion:164 Resp: 75491
Ion Ratio Lower Upper
164 100
162 99.6 82.3 123.5
160 42.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 134.810 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

Tgt Ion:330 Resp: 163511
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 25.5 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 86.291 ng

RT: 13.318 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054148.D

Acq: 29 Jun 2022 16:55

Instrument :

BNA_G

ClientSampleId :

PB145861BL

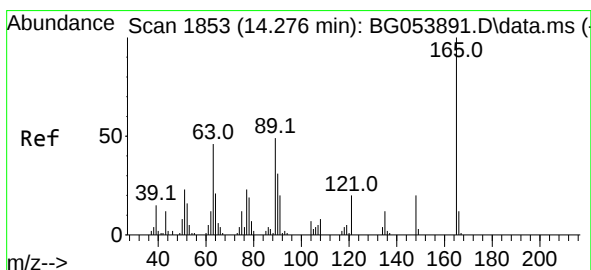
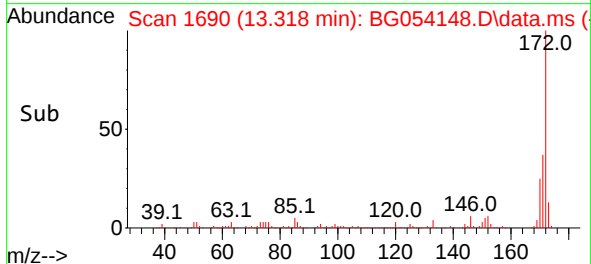
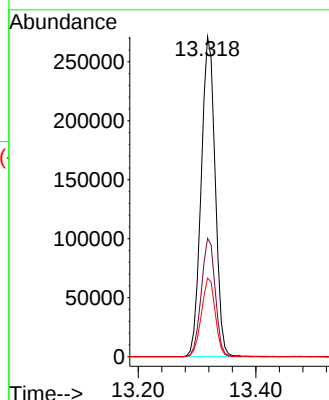
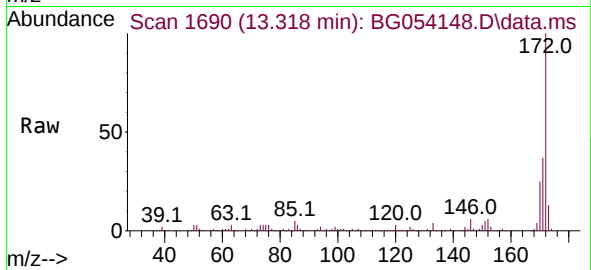
Tgt Ion:172 Resp: 447978

Ion Ratio Lower Upper

172 100

171 37.0 28.5 42.7

170 24.6 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.974 ng

RT: 14.693 min Scan# 1924

Delta R.T. 0.430 min

Lab File: BG054148.D

Acq: 29 Jun 2022 16:55

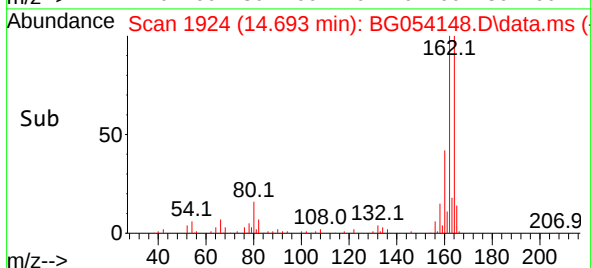
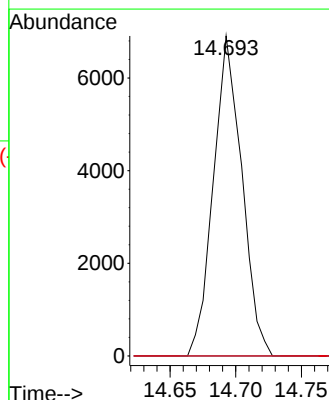
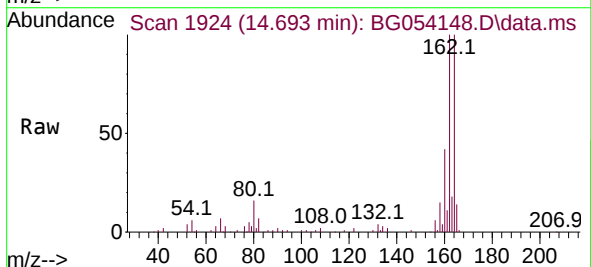
Tgt Ion:165 Resp: 10424

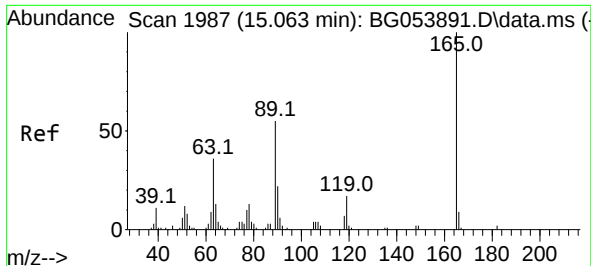
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.354 ng

RT: 14.693 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054148.D

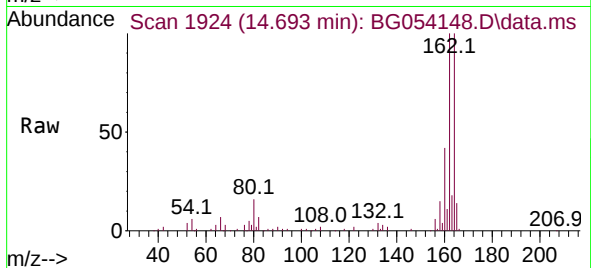
Acq: 29 Jun 2022 16:55

Instrument :

BNA_G

ClientSampleId :

PB145861BL



Tgt Ion:165 Resp: 10424

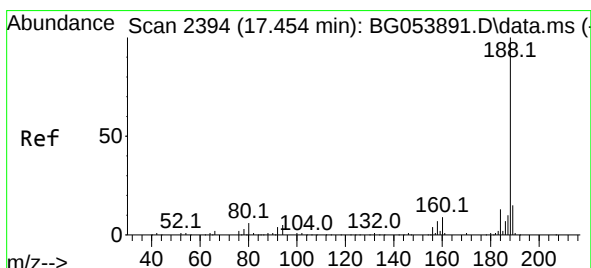
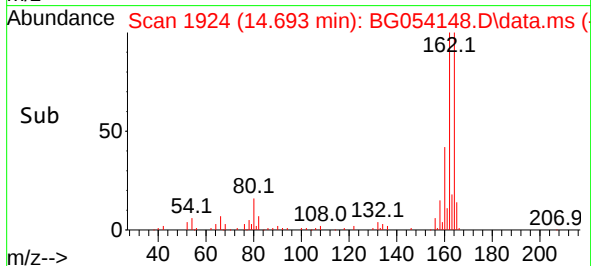
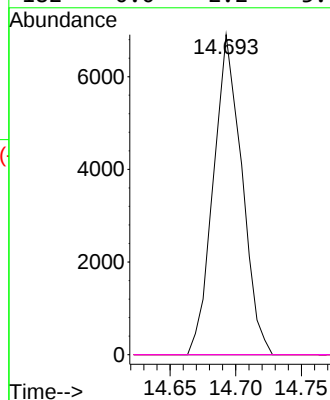
Ion Ratio Lower Upper

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: 17.437 min Scan# 2391

Delta R.T. -0.005 min

Lab File: BG054148.D

Acq: 29 Jun 2022 16:55

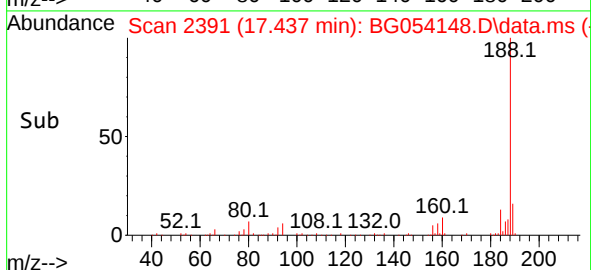
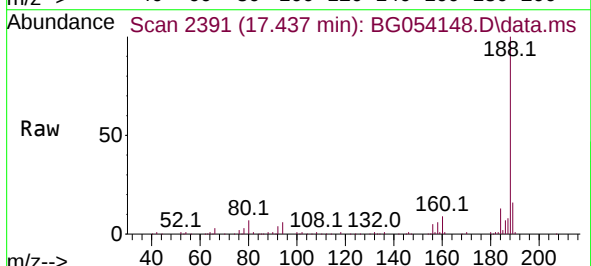
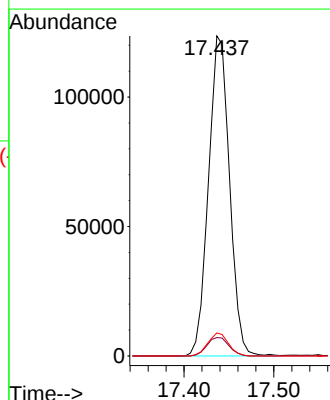
Tgt Ion:188 Resp: 201105

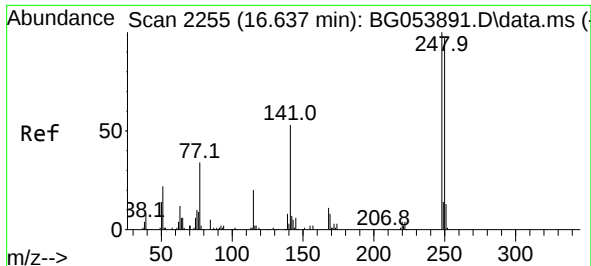
Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 7.2 6.8 10.2

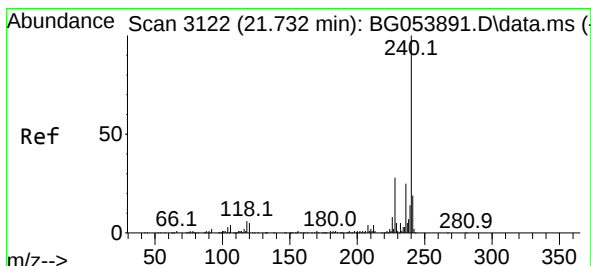
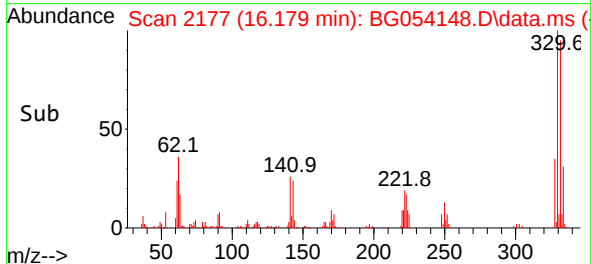
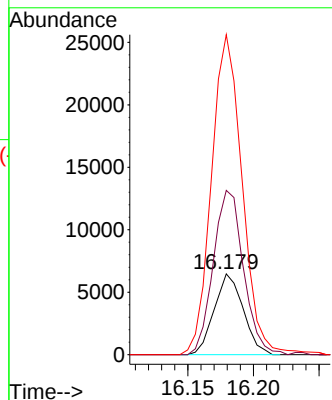
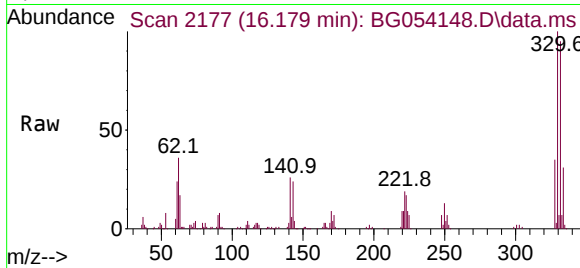




#67
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

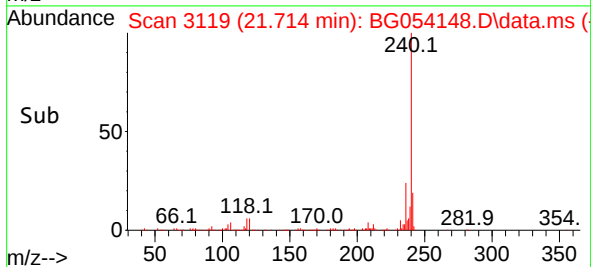
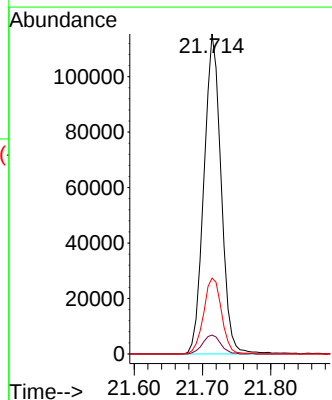
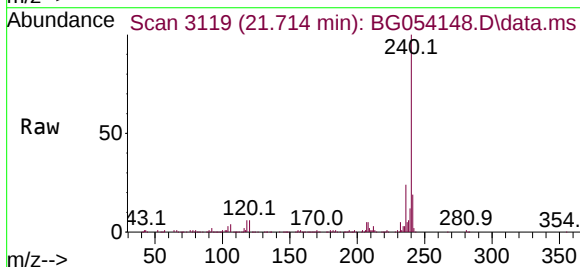
Instrument :
BNA_G
ClientSampleId :
PB145861BL

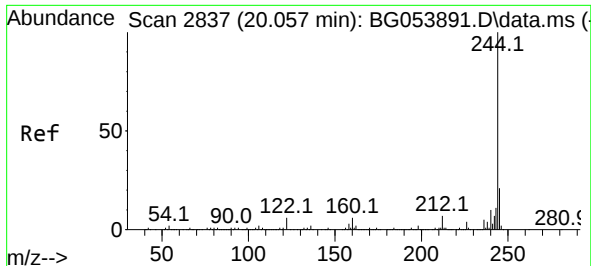
Tgt Ion:248 Resp: 9942
Ion Ratio Lower Upper
248 100
250 203.2 75.2 112.8#
141 395.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054148.D
Acq: 29 Jun 2022 16:55

Tgt Ion:240 Resp: 201820
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 23.7 20.2 30.4

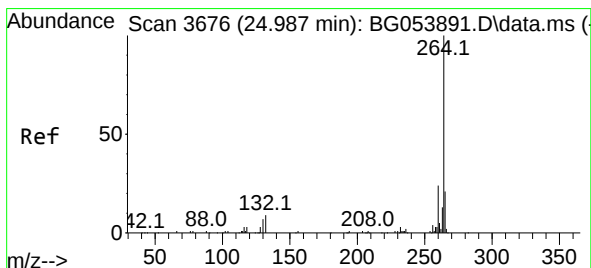
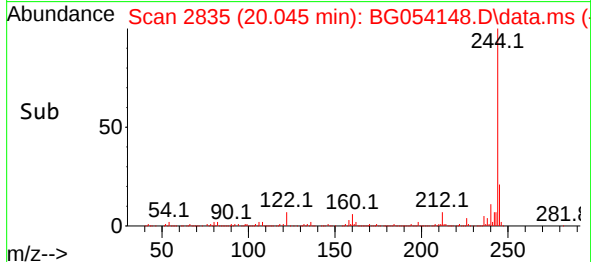
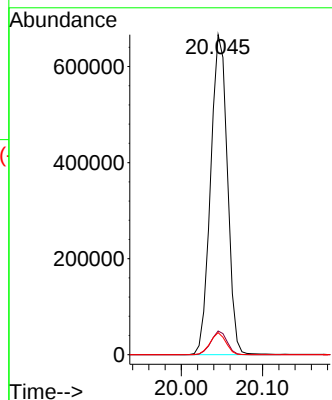
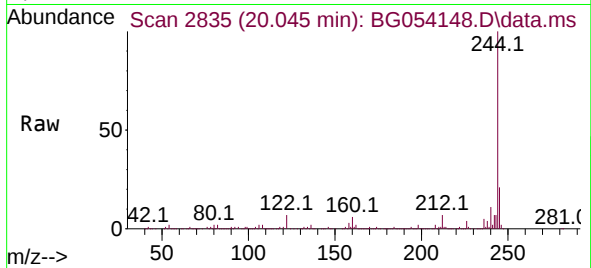




#79
 Terphenyl-d14
 Concen: 95.291 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054148.D
 Acq: 29 Jun 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB145861BL

Tgt Ion:244 Resp: 954854
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.975 min Scan# 3674
 Delta R.T. 0.012 min
 Lab File: BG054148.D
 Acq: 29 Jun 2022 16:55

Tgt Ion:264 Resp: 202478
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.6
 265 21.8 17.4 26.2

