

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054153.D
 Acq On : 29 Jun 2022 20:15
 Operator : CG/JU
 Sample : N3525-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-725

Quant Time: Jun 29 21:00:22 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)

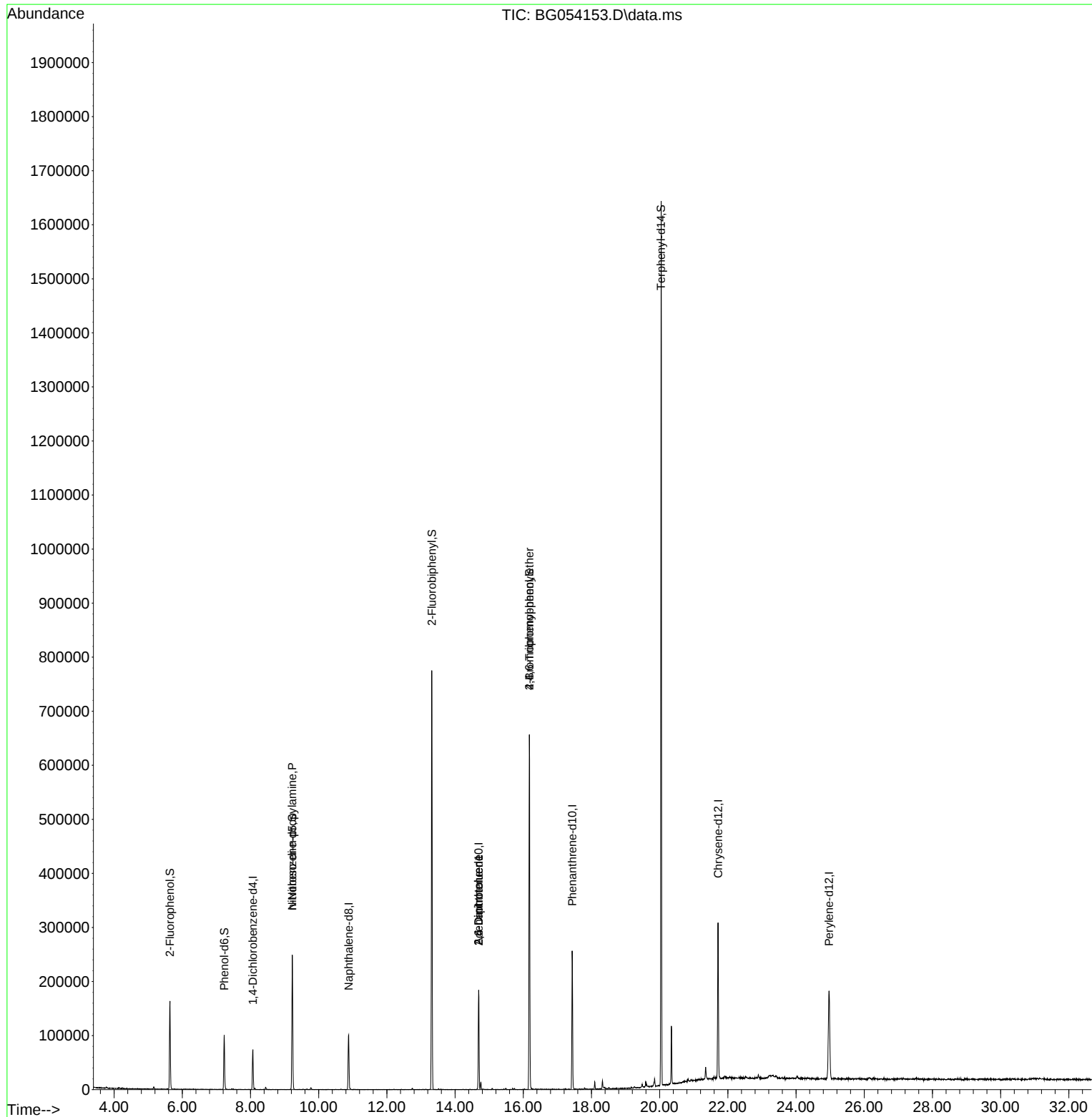
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	23227	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	95964	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	72799	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	183226	20.000	ng	0.00
76) Chrysene-d12	21.713	240	192501	20.000	ng	0.00
86) Perylene-d12	24.968	264	195373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	77921	64.140	ng	0.00
7) Phenol-d6	7.230	99	61916	37.569	ng	0.00
23) Nitrobenzene-d5	9.228	82	155952	91.325	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	160633	137.335	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	435504	86.990	ng	0.00
79) Terphenyl-d14	20.044	244	884694	92.563	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.228	70	21368	19.299	ng	Qvalue # 79
51) 2,6-Dinitrotoluene	14.692	165	9781	8.732	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9781	6.183	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	9969	4.356	ng	# 1

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

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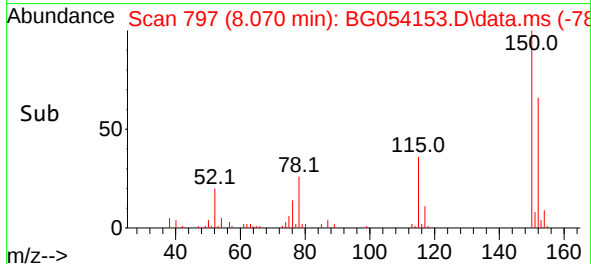
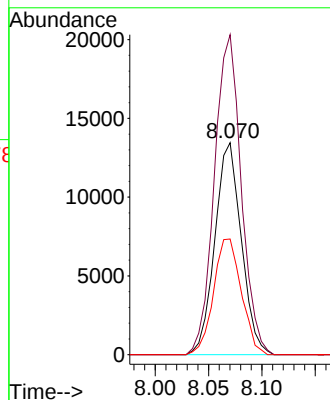
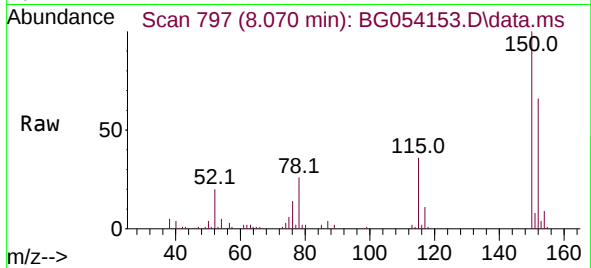




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

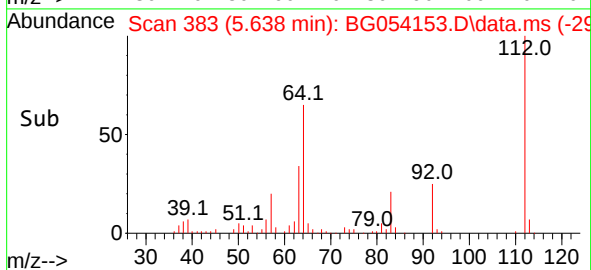
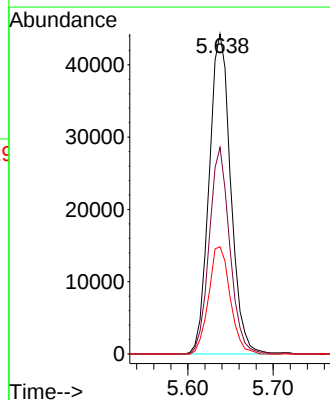
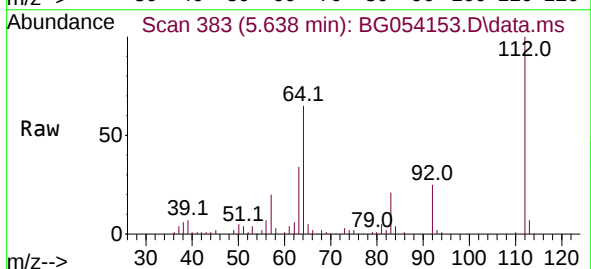
Instrument :
BNA_G
ClientSampleId :
MH-725

Tgt Ion:152 Resp: 23227
Ion Ratio Lower Upper
152 100
150 150.9 131.6 197.4
115 54.6 50.9 76.3



#5
2-Fluorophenol
Concen: 64.140 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

Tgt Ion:112 Resp: 77921
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 33.5 30.4 45.6

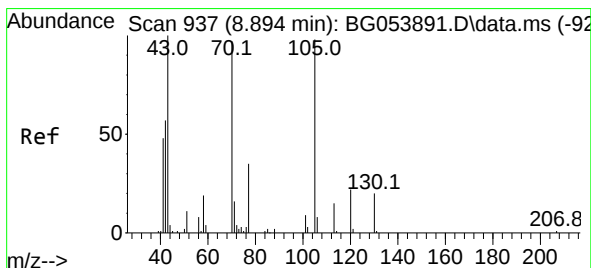
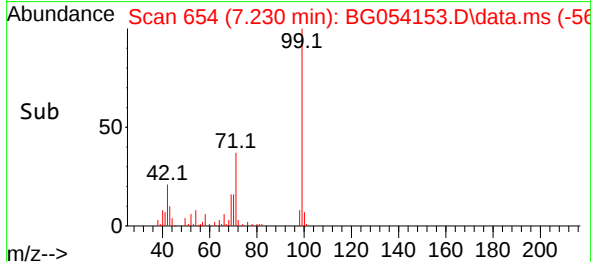
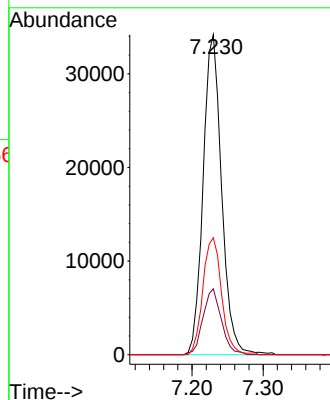
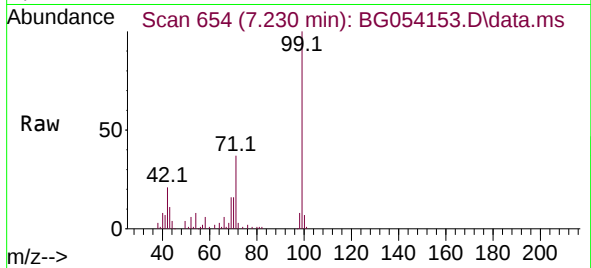




#7
Phenol-d6
Concen: 37.569 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

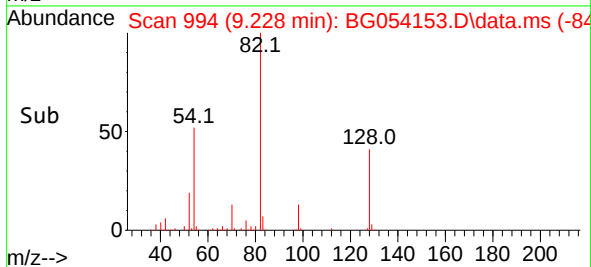
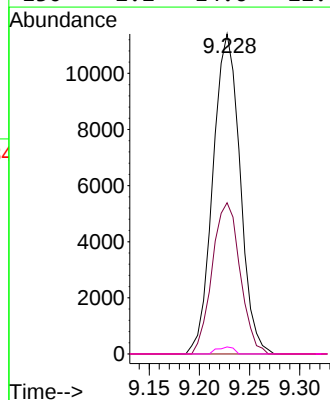
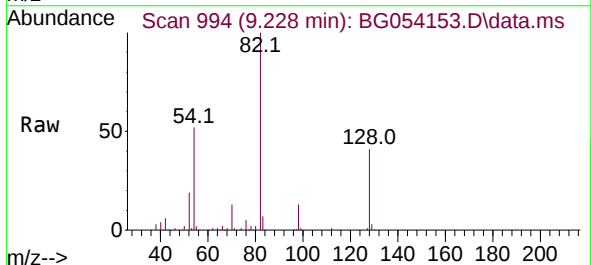
Instrument :
BNA_G
ClientSampleId :
MH-725

Tgt Ion: 99 Resp: 61916
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.299 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

Tgt Ion: 70 Resp: 21368
Ion Ratio Lower Upper
70 100
42 47.3 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

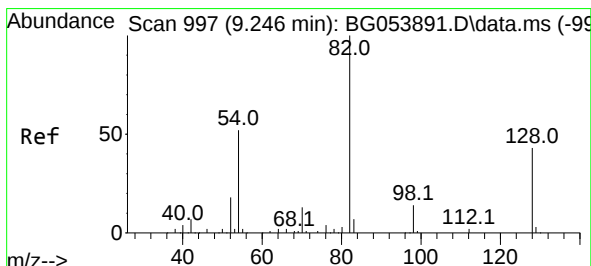
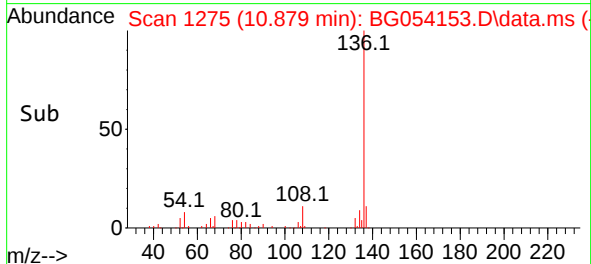
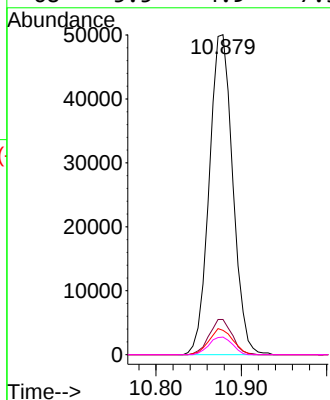
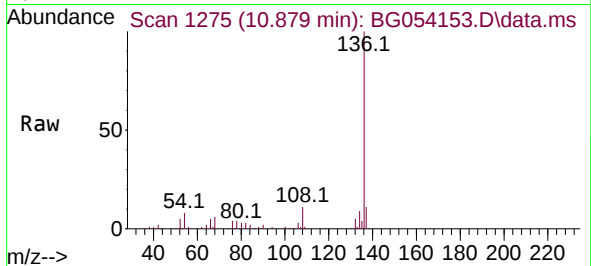




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

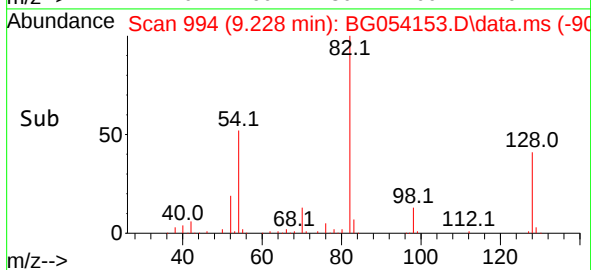
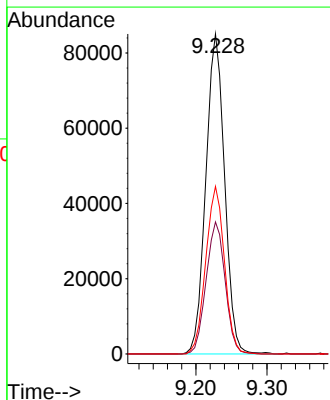
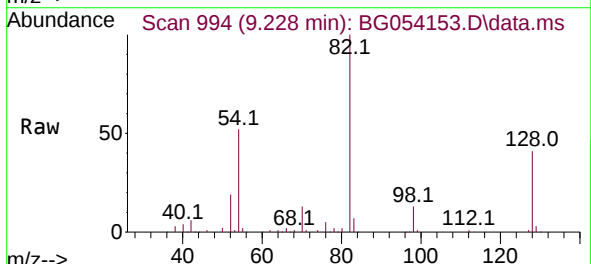
Instrument :
BNA_G
ClientSampleId :
MH-725

Tgt Ion:	136	Resp:	95964
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.6	7.4	11.2
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.325 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

Tgt Ion:	82	Resp:	155952
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	52.3	41.2	61.8

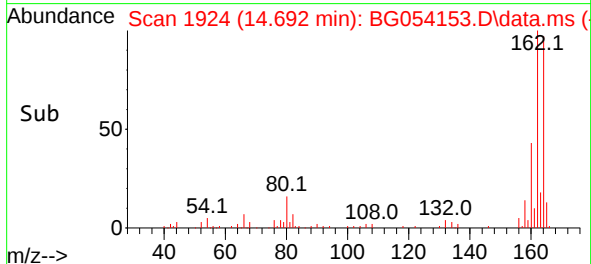
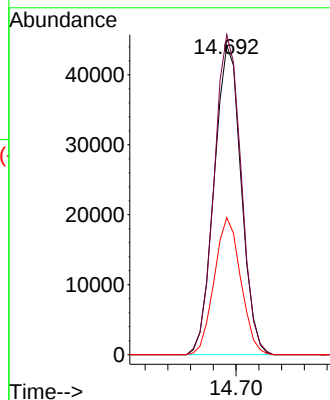
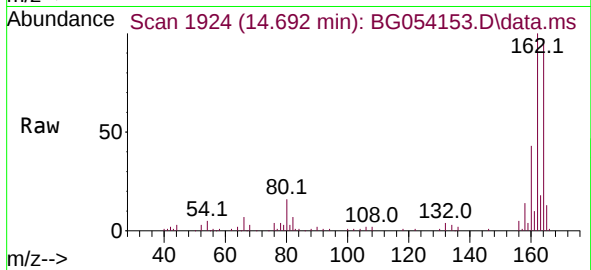




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

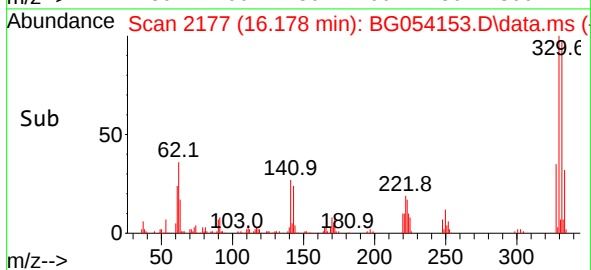
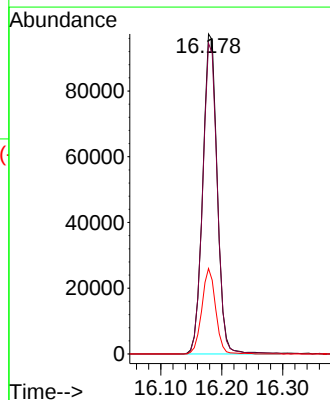
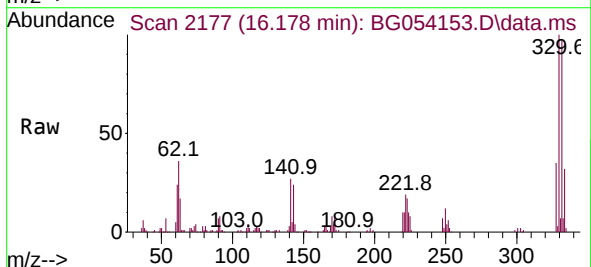
Instrument :
BNA_G
ClientSampleId :
MH-725

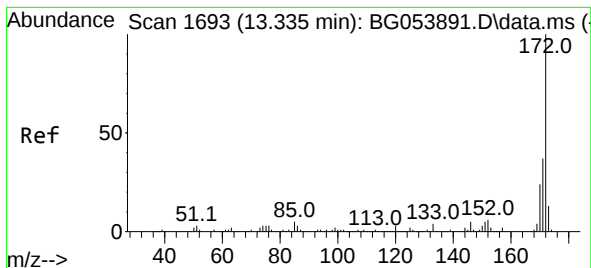
Tgt Ion:164 Resp: 72799
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 44.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 137.335 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

Tgt Ion:330 Resp: 160633
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 25.3 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 86.990 ng

RT: 13.317 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054153.D

Acq: 29 Jun 2022 20:15

Instrument :

BNA_G

ClientSampleId :

MH-725

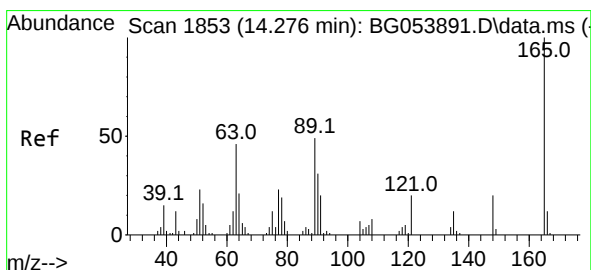
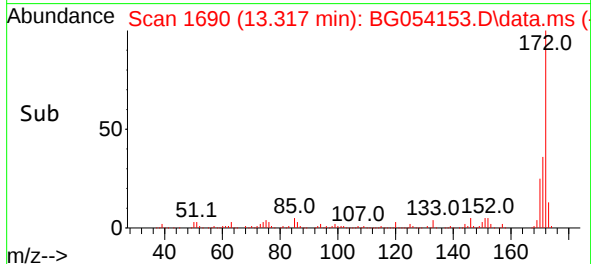
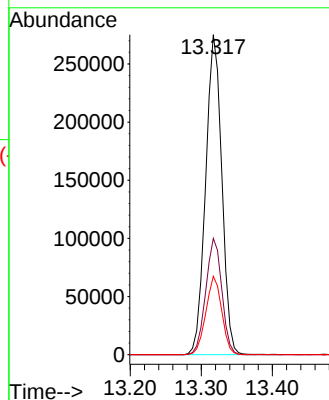
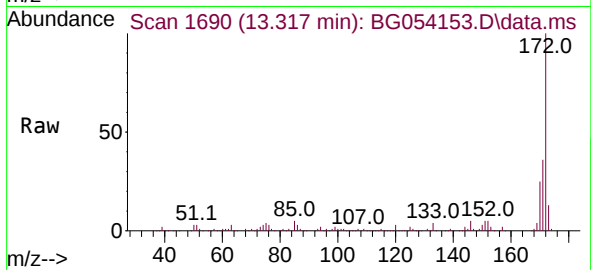
Tgt Ion:172 Resp: 435504

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.5 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.732 ng

RT: 14.692 min Scan# 1924

Delta R.T. 0.429 min

Lab File: BG054153.D

Acq: 29 Jun 2022 20:15

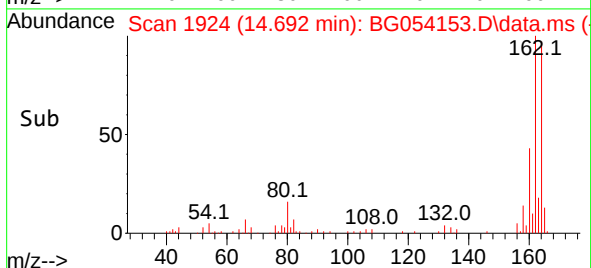
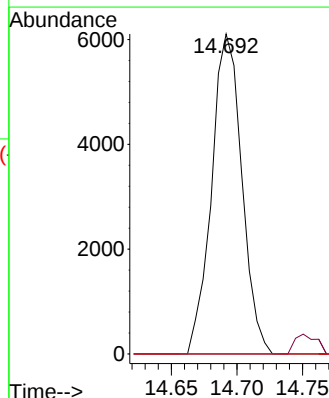
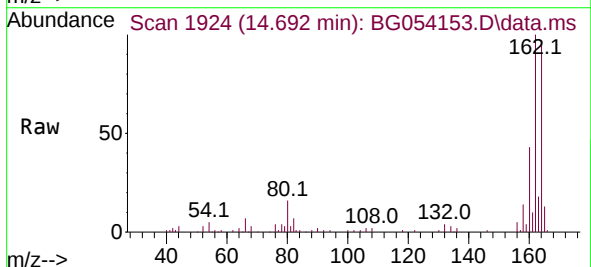
Tgt Ion:165 Resp: 9781

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: 6.183 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.359 min

Lab File: BG054153.D

Acq: 29 Jun 2022 20:15

Instrument :

BNA_G

ClientSampleId :

MH-725

Tgt Ion:165 Resp: 9781

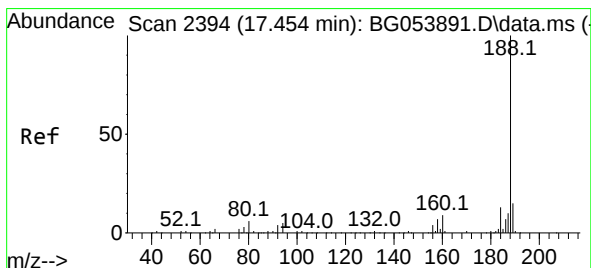
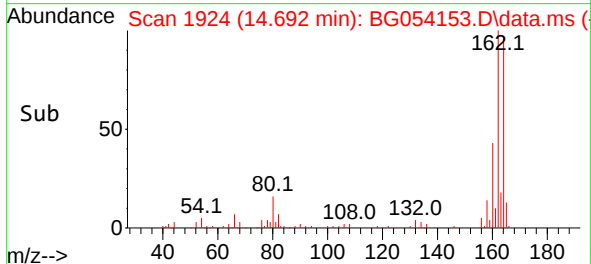
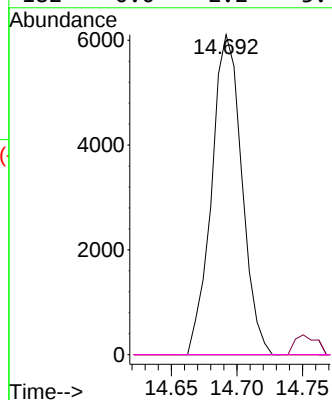
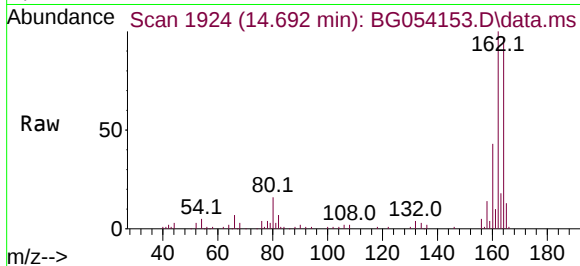
Ion Ratio Lower Upper

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: BG054153.D

Acq: 29 Jun 2022 20:15

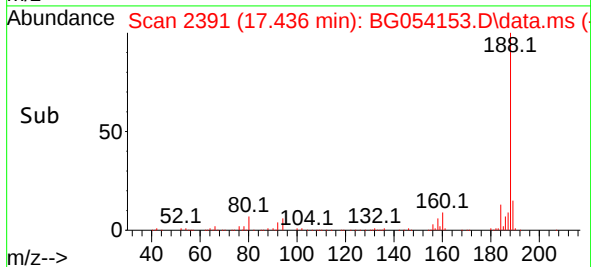
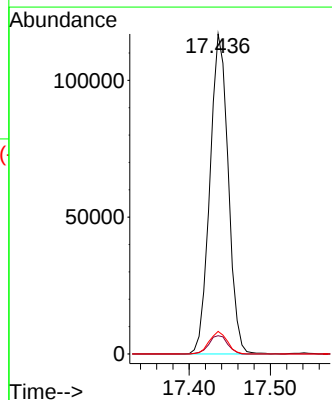
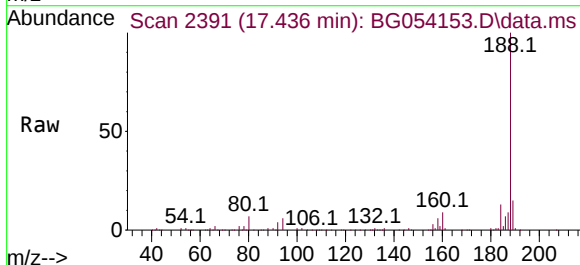
Tgt Ion:188 Resp: 183226

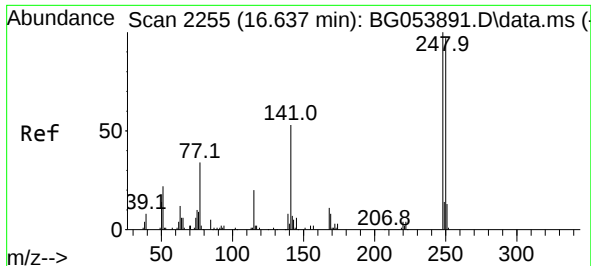
Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 7.1 6.8 10.2

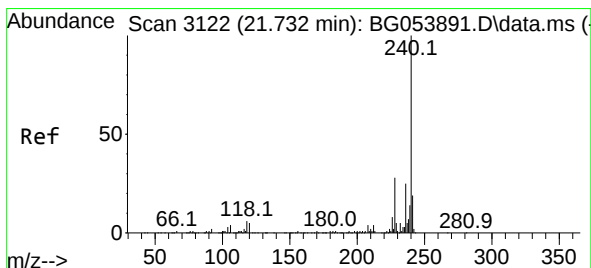
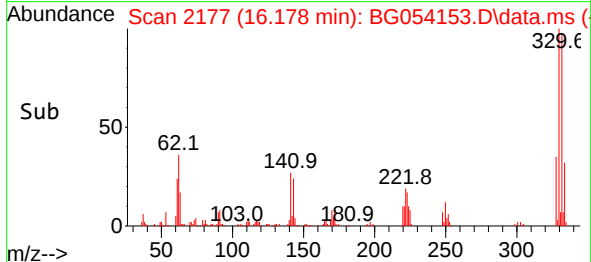
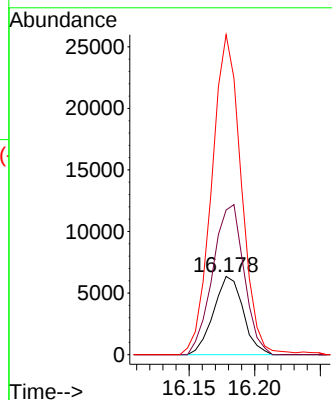
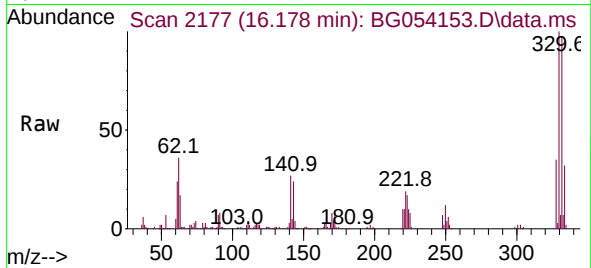




#67
4-Bromophenyl-phenylether
Concen: 4.356 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.447 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

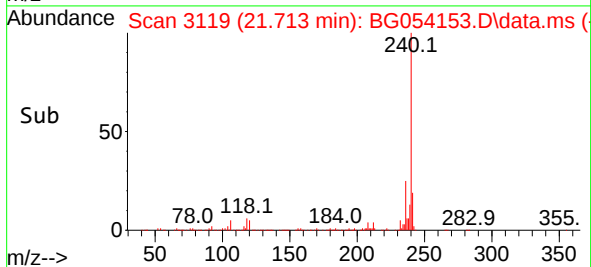
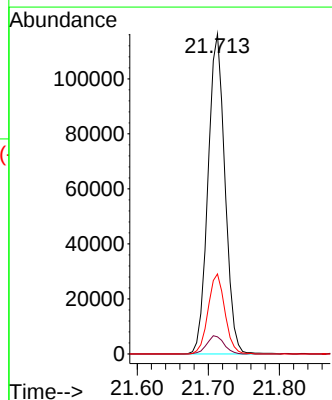
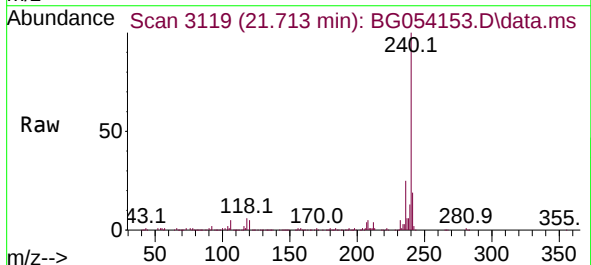
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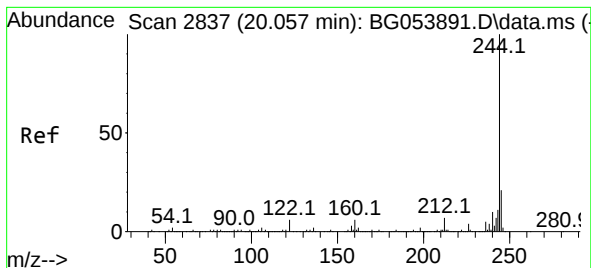
Tgt Ion:248 Resp: 9969
Ion Ratio Lower Upper
248 100
250 189.9 75.2 112.8#
141 320.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054153.D
Acq: 29 Jun 2022 20:15

Tgt Ion:240 Resp: 192501
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 92.563 ng

RT: 20.044 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054153.D

Acq: 29 Jun 2022 20:15

Instrument :

BNA_G

ClientSampleId :

MH-725

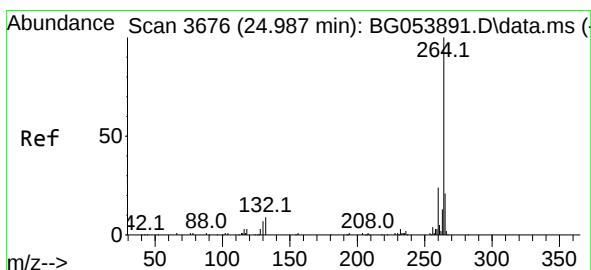
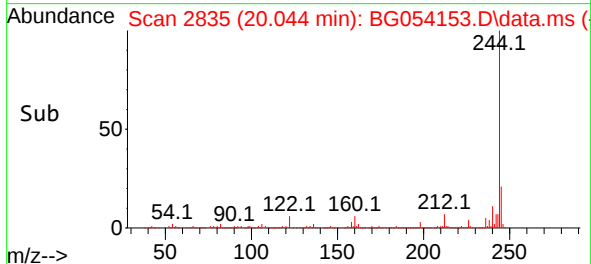
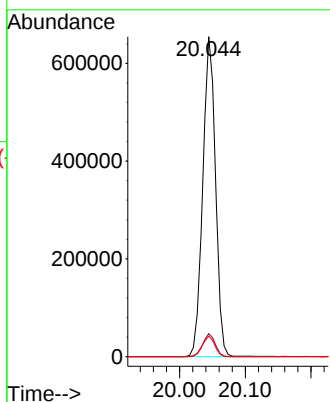
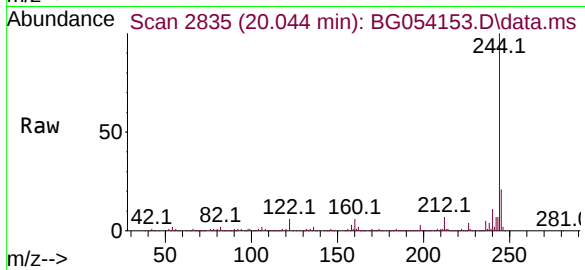
Tgt Ion:244 Resp: 884694

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.968 min Scan# 3673

Delta R.T. 0.006 min

Lab File: BG054153.D

Acq: 29 Jun 2022 20:15

Tgt Ion:264 Resp: 195373

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.5 17.4 26.2

