

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054226.D
 Acq On : 7 Jul 2022 15:28
 Operator : CG/JU
 Sample : N3597-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220511-FIELD-DUPLICATE-COMP

Quant Time: Jul 07 17:10:30 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)

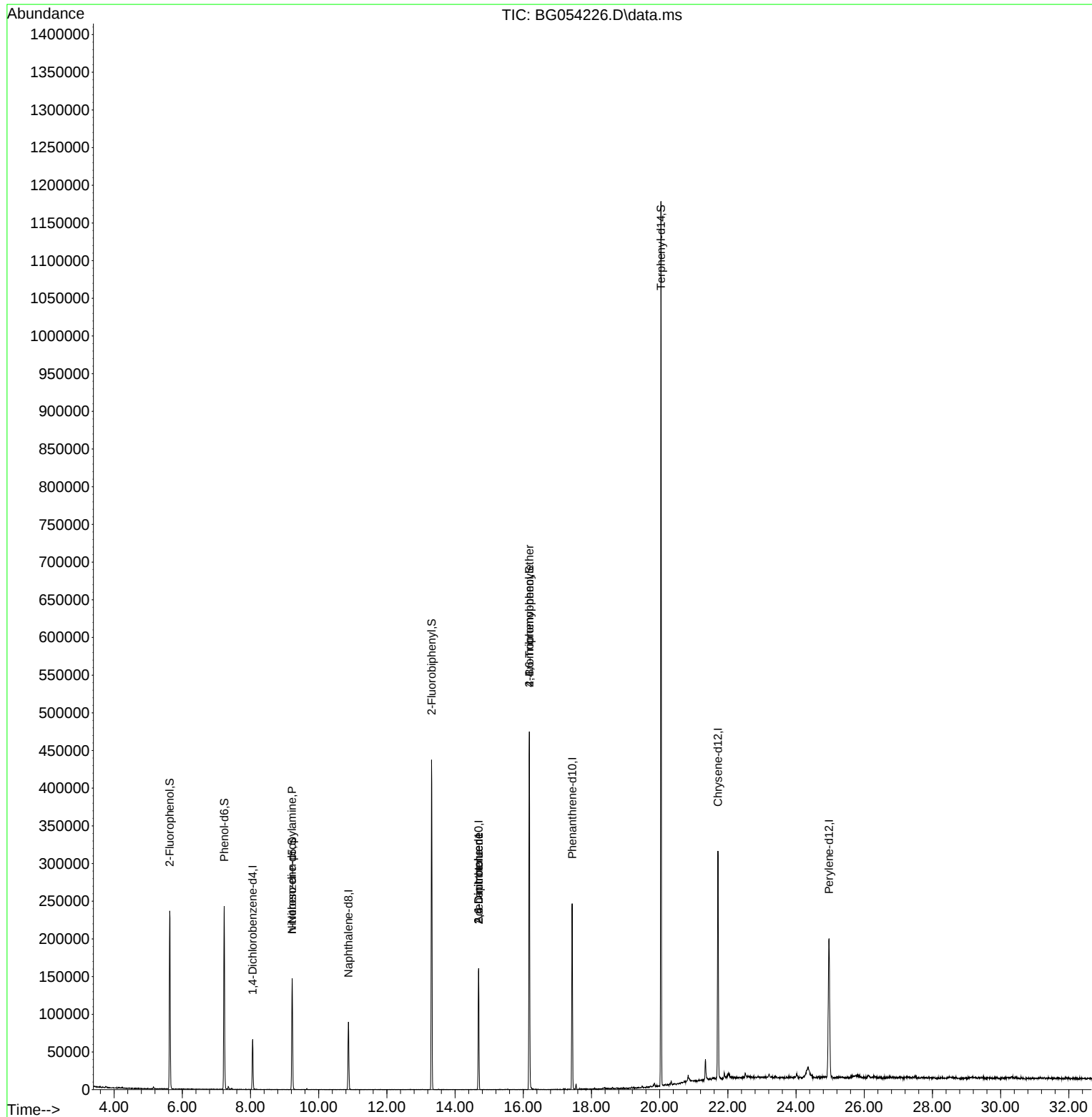
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	21394	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	82000	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	64562	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	183528	20.000	ng	# 0.00
76) Chrysene-d12	21.708	240	220688	20.000	ng	-0.01
86) Perylene-d12	24.969	264	222677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	112538	100.572	ng	0.00
7) Phenol-d6	7.230	99	149053	98.191	ng	0.00
23) Nitrobenzene-d5	9.222	82	96402	66.066	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	121688	117.312	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	258614	58.248	ng	-0.01
79) Terphenyl-d14	20.039	244	641188	58.517	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.222	70	13059	12.805	ng	# 74
51) 2,6-Dinitrotoluene	14.692	165	9296	9.358	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9296	6.626	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	7735	3.375	ng	# 1

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

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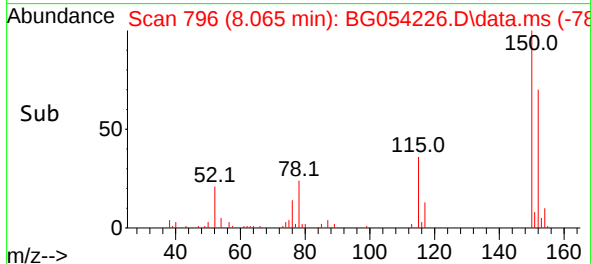
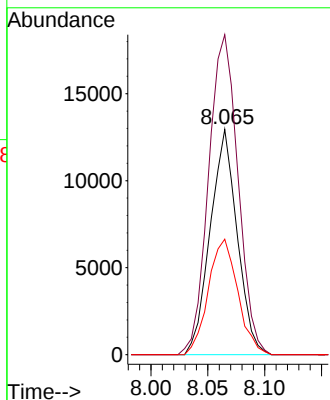
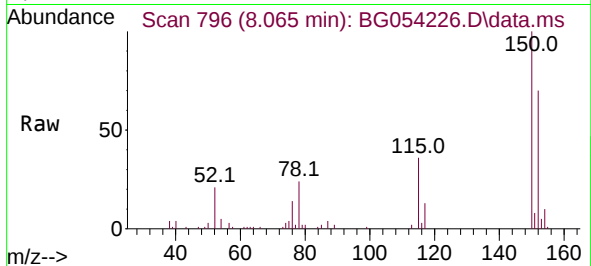




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

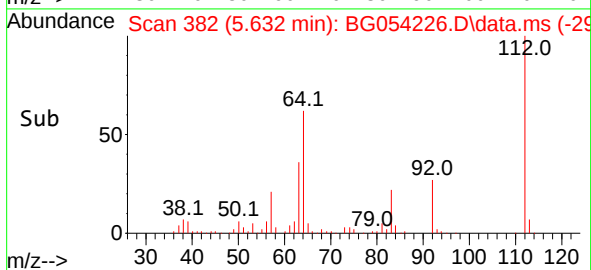
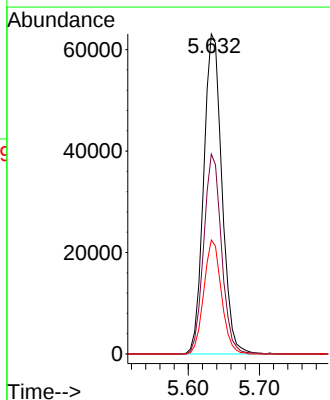
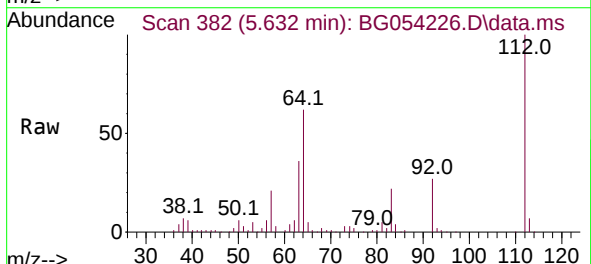
Instrument :
BNA_G
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

Tgt Ion:152 Resp: 21394
Ion Ratio Lower Upper
152 100
150 142.0 131.6 197.4
115 51.3 50.9 76.3



#5
2-Fluorophenol
Concen: 100.572 ng
RT: 5.632 min Scan# 382
Delta R.T. -0.006 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

Tgt Ion:112 Resp: 112538
Ion Ratio Lower Upper
112 100
64 62.4 55.1 82.7
63 35.6 30.4 45.6

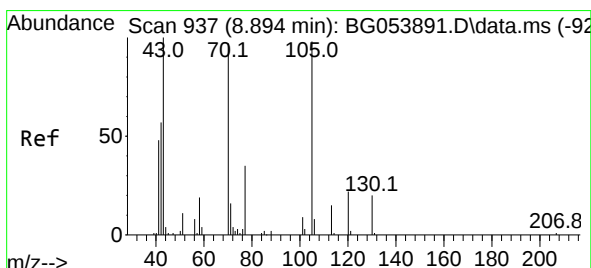
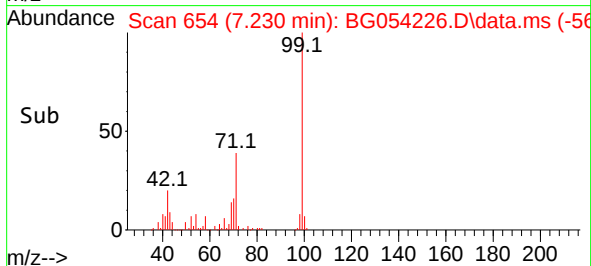
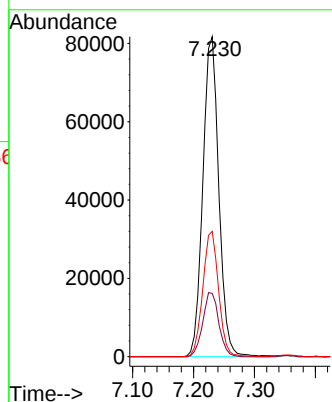
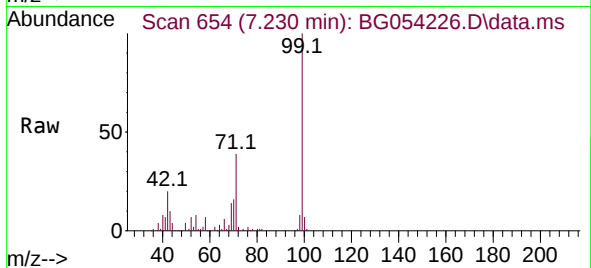




#7
Phenol-d6
Concen: 98.191 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

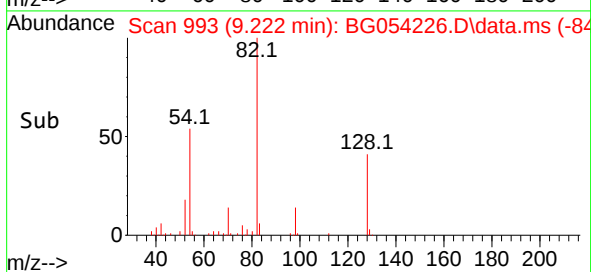
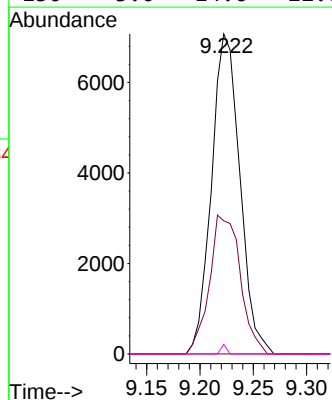
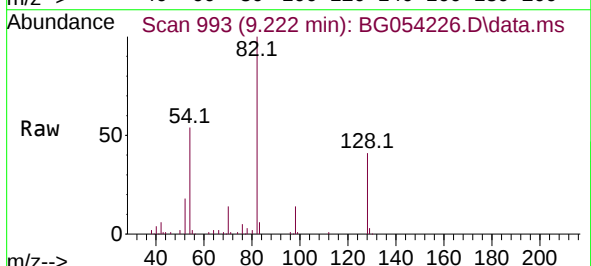
Instrument :
BNA_G
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

Tgt Ion: 99 Resp: 149053
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 39.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.805 ng
RT: 9.222 min Scan# 993
Delta R.T. 0.347 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

Tgt Ion: 70 Resp: 13059
Ion Ratio Lower Upper
70 100
42 41.6 47.3 70.9#
101 0.0 7.0 10.4#
130 3.0 14.6 22.0#

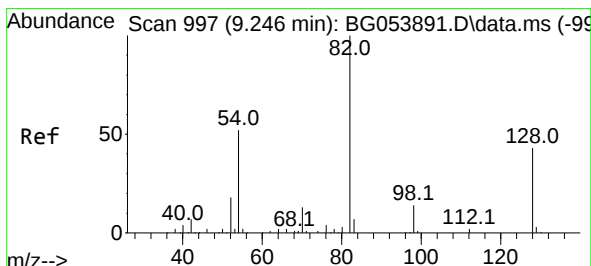
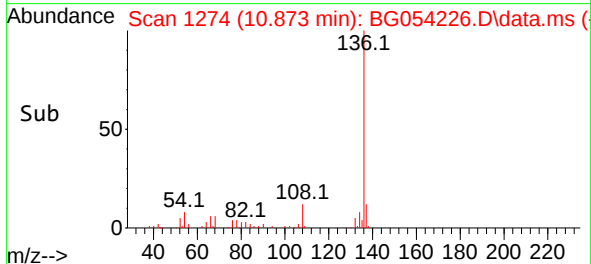
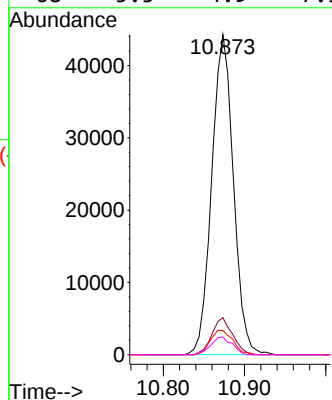
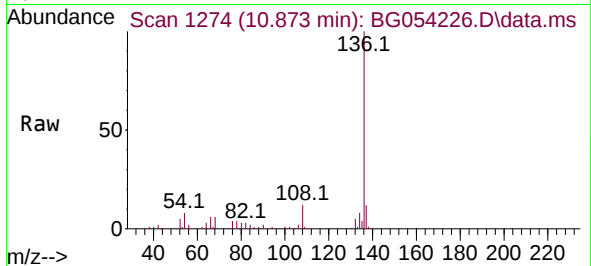




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

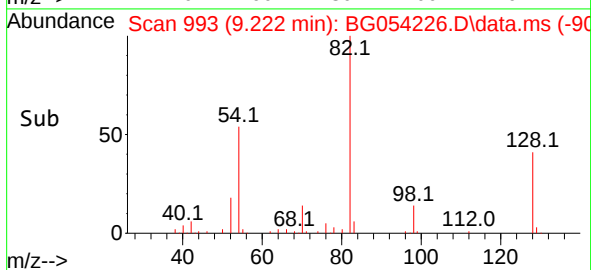
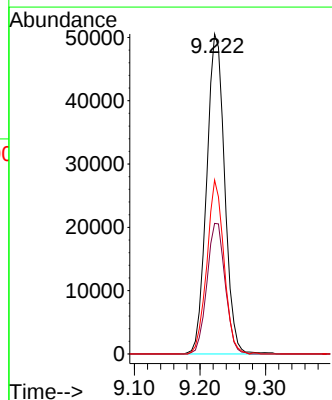
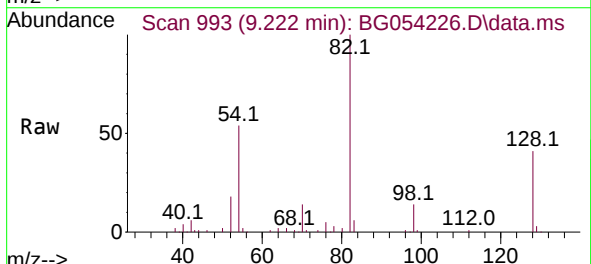
Instrument :
BNA_G
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

Tgt Ion:	136	Resp:	82000
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	7.6	7.4	11.2
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 66.066 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.011 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

Tgt Ion:	82	Resp:	96402
Ion Ratio	Lower	Upper	
82	100		
128	40.8	27.9	41.9
54	54.3	41.2	61.8

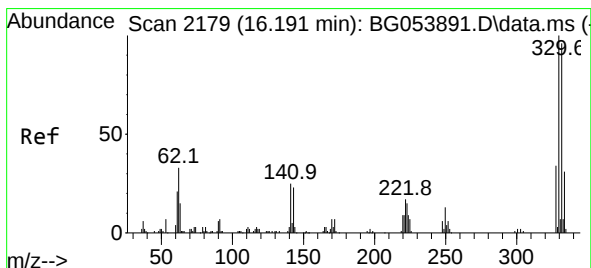
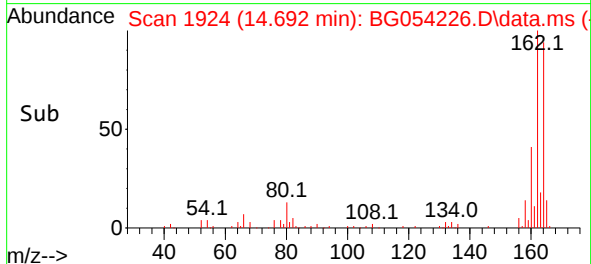
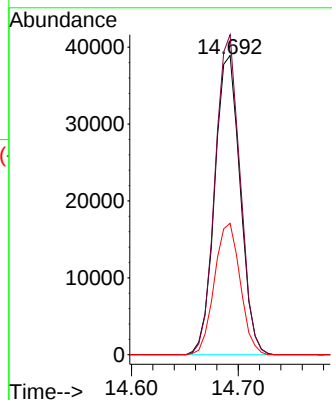
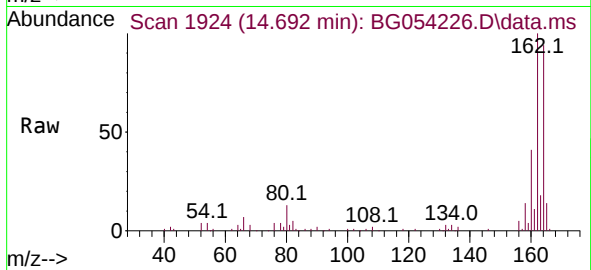




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

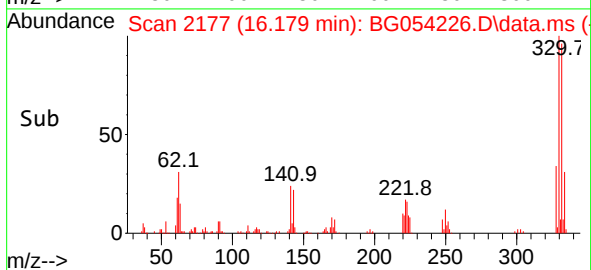
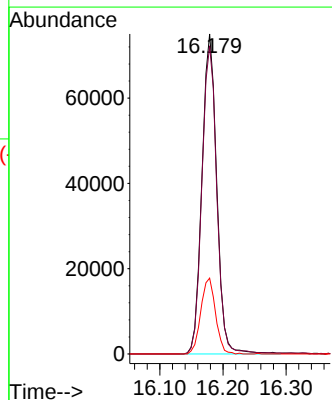
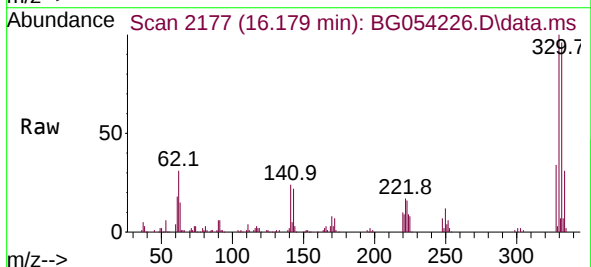
Instrument :
BNA_G
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

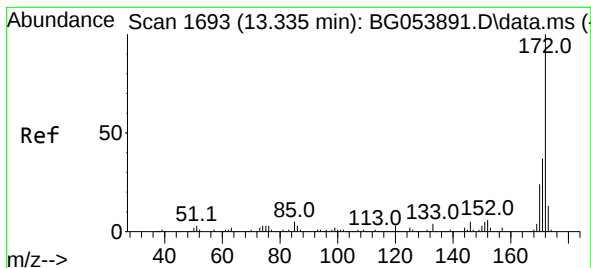
Tgt Ion:164 Resp: 64562
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 43.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 117.312 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

Tgt Ion:330 Resp: 121688
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 23.6 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 58.248 ng

RT: 13.312 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG054226.D

Acq: 7 Jul 2022 15:28

Instrument :

BNA_G

ClientSampleId :

20220511-FIELD-DUPLICATE-COMP

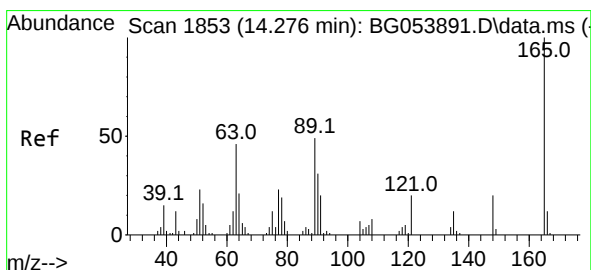
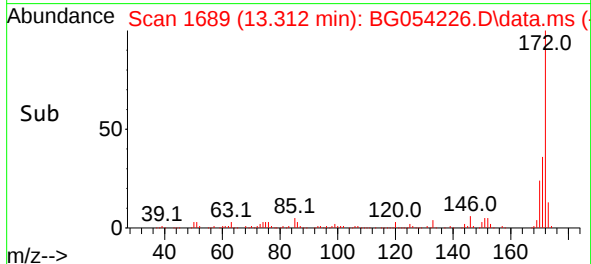
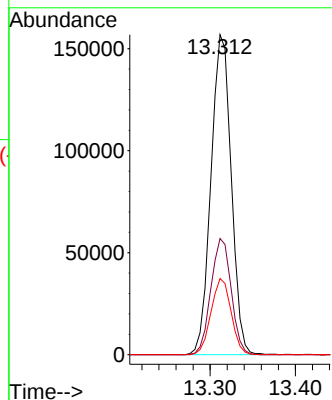
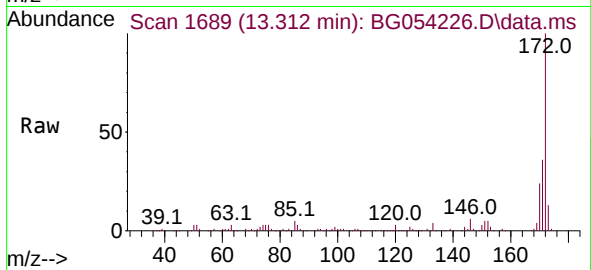
Tgt Ion:172 Resp: 258614

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 23.8 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 9.358 ng

RT: 14.692 min Scan# 1924

Delta R.T. 0.429 min

Lab File: BG054226.D

Acq: 7 Jul 2022 15:28

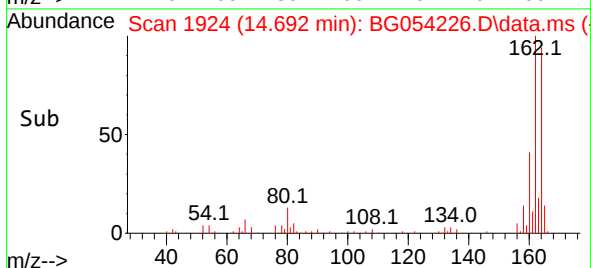
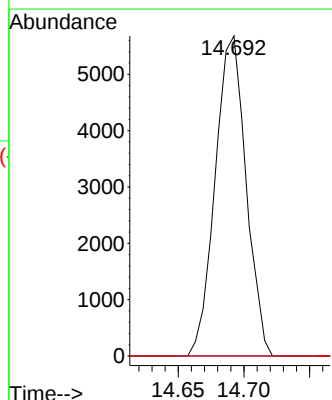
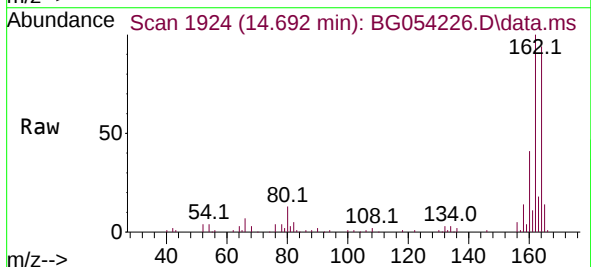
Tgt Ion:165 Resp: 9296

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: 6.626 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054226.D

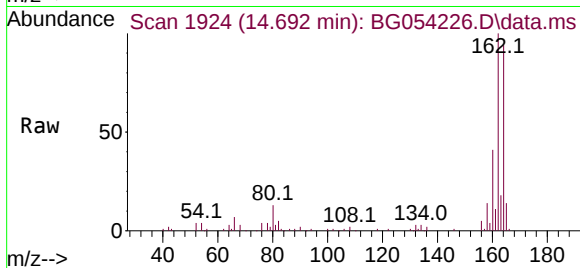
Acq: 7 Jul 2022 15:28

Instrument :

BNA_G

ClientSampleId :

20220511-FIELD-DUPLICATE-COMP



Tgt Ion:165 Resp: 9296

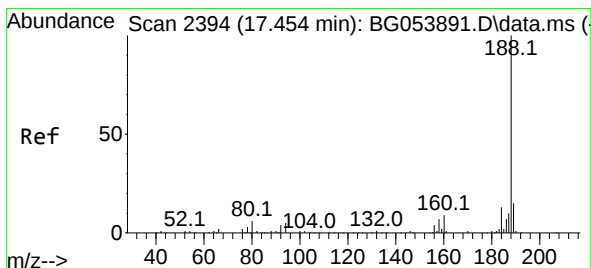
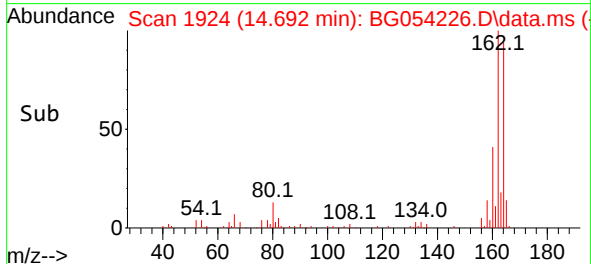
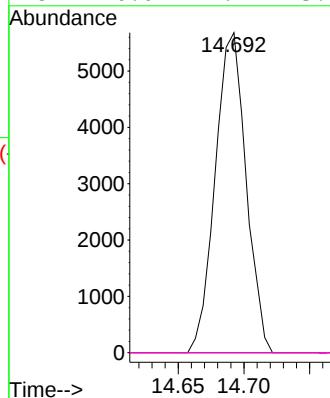
Ion Ratio Lower Upper

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: BG054226.D

Acq: 7 Jul 2022 15:28

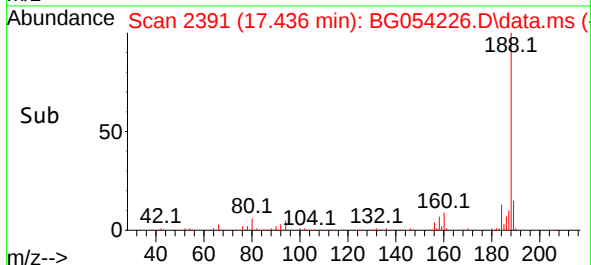
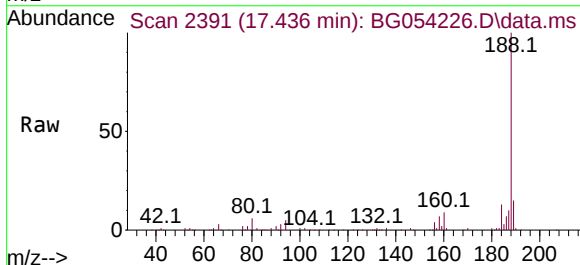
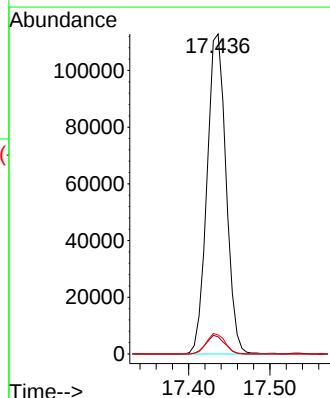
Tgt Ion:188 Resp: 183528

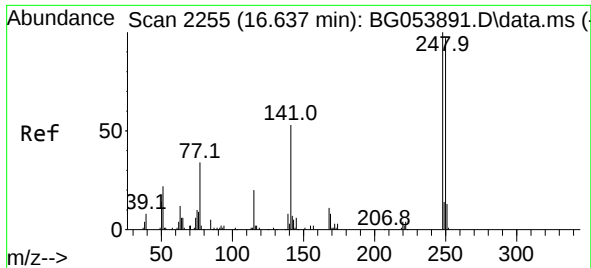
Ion Ratio Lower Upper

188 100

94 5.4 5.4 8.0#

80 5.9 6.8 10.2#

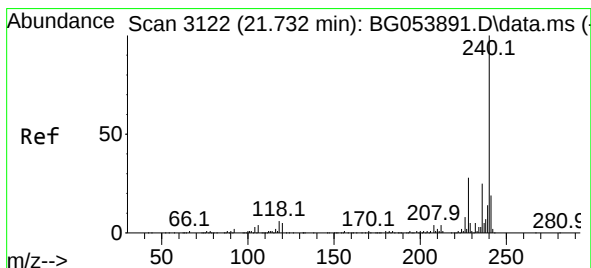
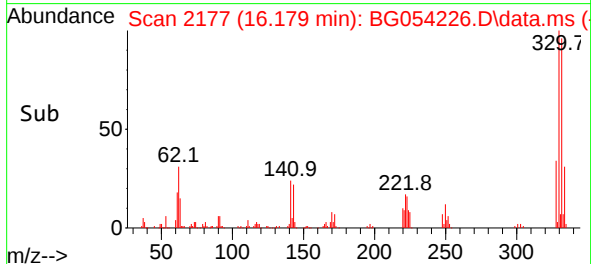
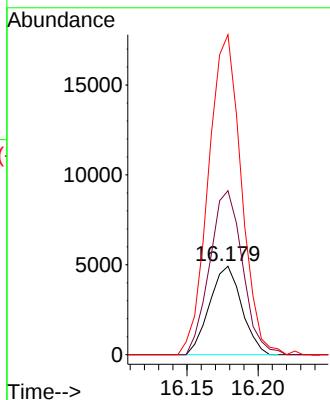
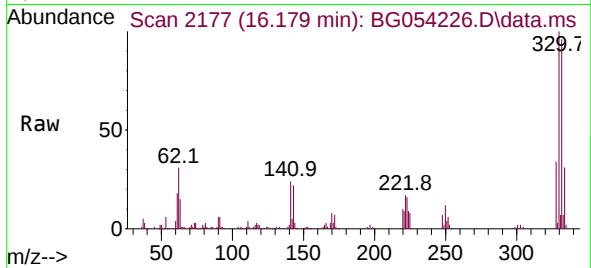




#67
4-Bromophenyl-phenylether
Concen: 3.375 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

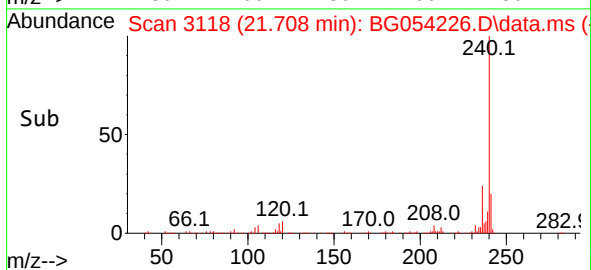
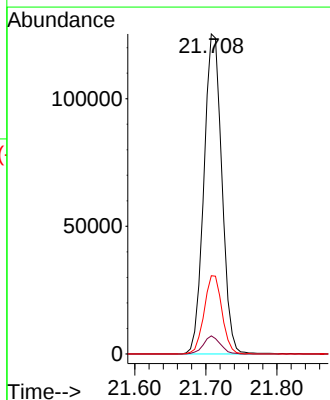
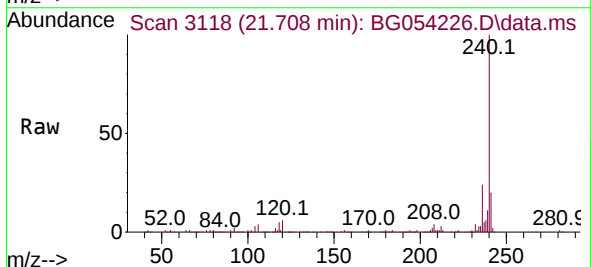
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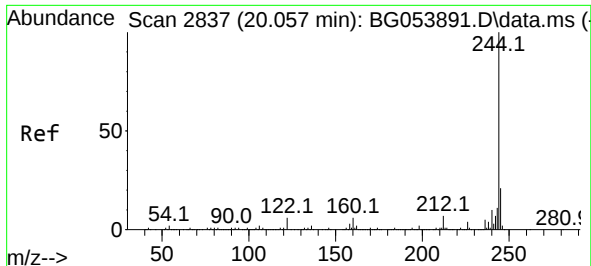
Tgt Ion:248 Resp: 7735
Ion Ratio Lower Upper
248 100
250 185.3 75.2 112.8#
141 361.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.708 min Scan# 3118
Delta R.T. -0.011 min
Lab File: BG054226.D
Acq: 7 Jul 2022 15:28

Tgt Ion:240 Resp: 220688
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.4 20.2 30.4

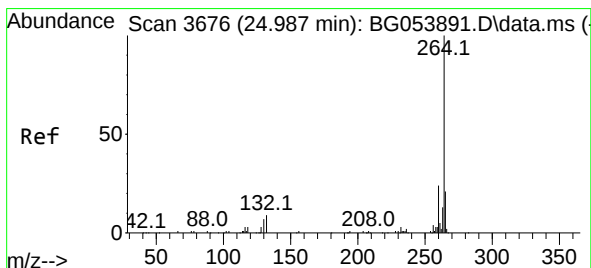
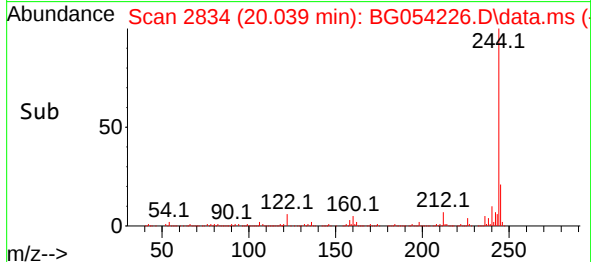
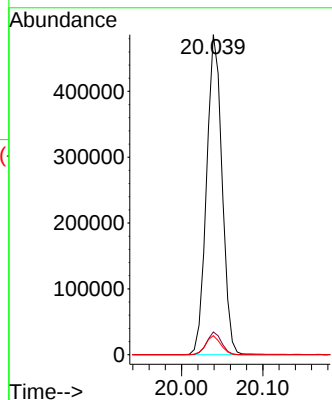
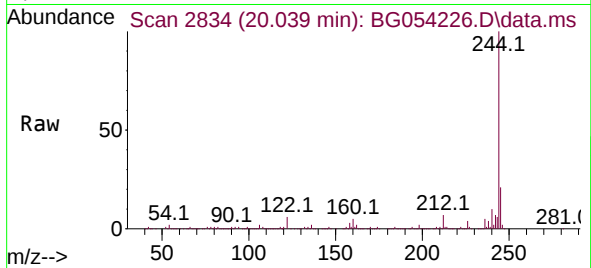




#79
 Terphenyl-d14
 Concen: 58.517 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054226.D
 Acq: 7 Jul 2022 15:28

Instrument :
 BNA_G
 ClientSampleId :
 20220511-FIELD-DUPLICATE-COMP

Tgt Ion:244 Resp: 641188
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.969 min Scan# 3673
 Delta R.T. 0.006 min
 Lab File: BG054226.D
 Acq: 7 Jul 2022 15:28

Tgt Ion:264 Resp: 222677
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.7 17.4 26.2

