

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054104.D
 Acq On : 27 Jun 2022 23:04
 Operator : CG/JU
 Sample : N3494-27
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-2

Quant Time: Jun 28 04:59:31 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	25195	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	96206	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	67427	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	177756	20.000	ng	0.00
76) Chrysene-d12	21.714	240	222574	20.000	ng	0.00
86) Perylene-d12	24.963	264	210995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	197227	149.665	ng	0.00
7) Phenol-d6	7.231	99	237650	132.938	ng	0.00
23) Nitrobenzene-d5	9.229	82	177723	103.812	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	162151	149.678	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	439508	94.784	ng	0.00
79) Terphenyl-d14	20.045	244	1114913	100.889	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.229	70	24126	20.088	ng	# 83
51) 2,6-Dinitrotoluene	14.699	165	9131	8.801	ng	# 16
57) 2,4-Dinitrotoluene	14.699	165	9131	6.232	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	10335	4.655	ng	# 1
77) Benzidine	20.045	184	15798	3.427	ng	# 92

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

BNA G

ClientSampleId :

SP-EXC-1-2

Abundance

TIC: BG054104.D\data.ms

Time-->

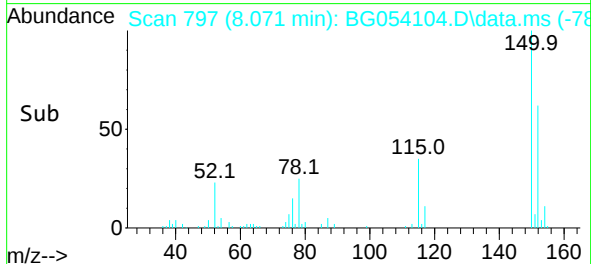
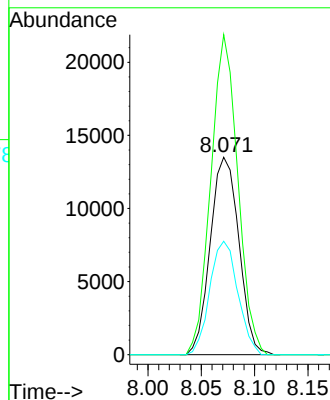
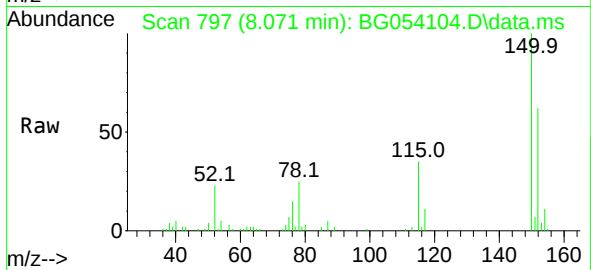
Compound	Retention Time (min)	Approximate Abundance
2-Fluorophenol,S	5.8	420,000
Phenol-d6,S	7.2	400,000
1,4-Dichlorobenzene-d4,I	8.2	80,000
Nitrobenzene-d5,P	9.2	280,000
Naphthalene-d8,I	10.8	100,000
2-Fluorobiphenyl,S	13.5	750,000
2,6-Dimethylphenol,S	14.8	180,000
2,4-Dimethylphenol,S	15.2	200,000
2,6-Dimethylphenol,S	16.2	690,000
Phenanthrene-d10,I	17.5	250,000
Benzo[a]pyrene-d14,S	20.1	1,980,000
Chrysene-d12,I	21.8	340,000
Perylene-d12,I	24.8	190,000



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

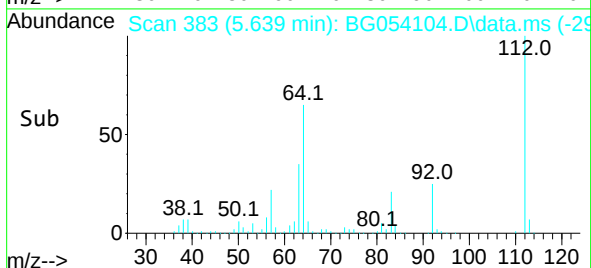
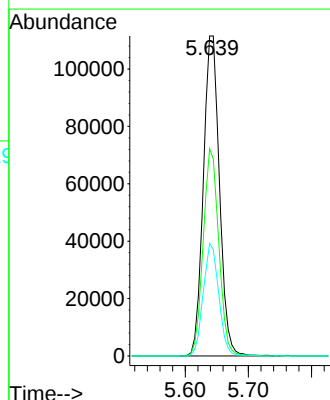
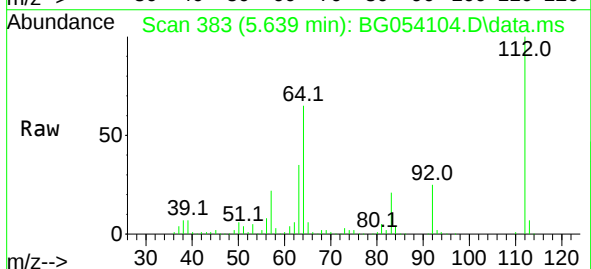
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

Tgt Ion:152 Resp: 25195
Ion Ratio Lower Upper
152 100
150 162.0 131.6 197.4
115 57.4 50.9 76.3



#5
2-Fluorophenol
Concen: 149.665 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion:112 Resp: 197227
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 35.2 30.4 45.6

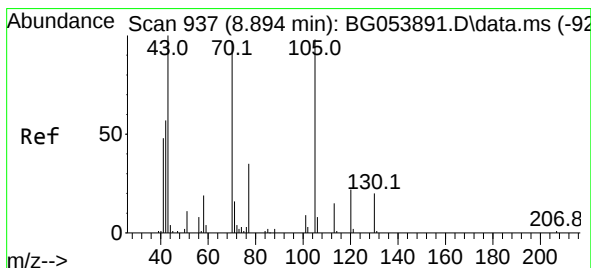
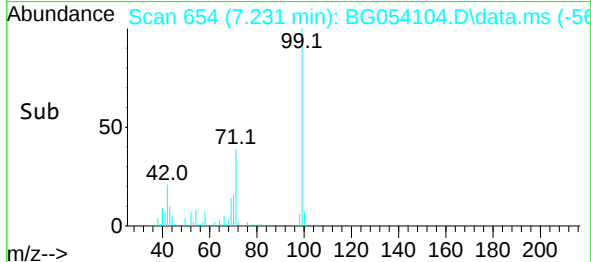
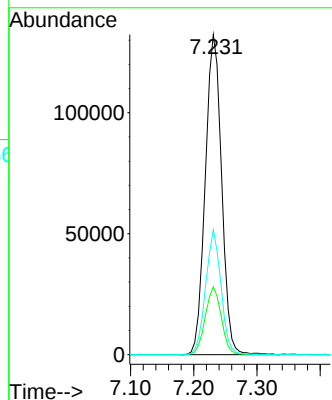
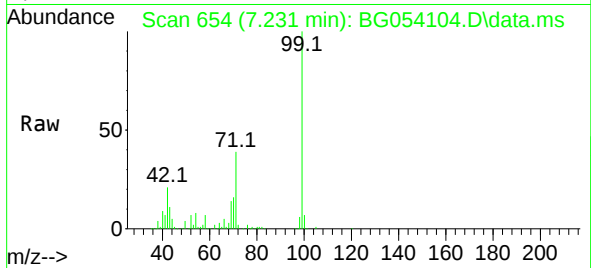




#7
Phenol-d6
Concen: 132.938 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

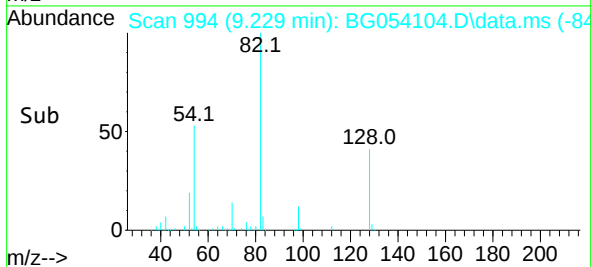
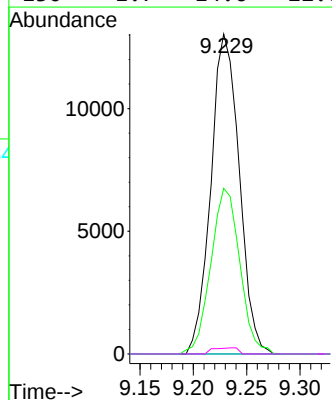
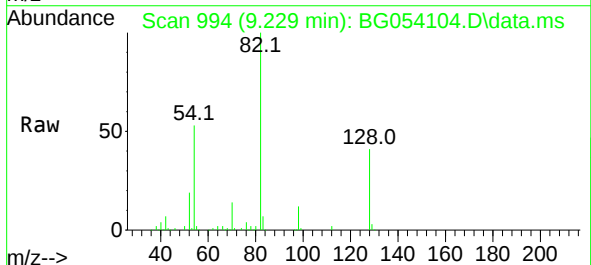
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

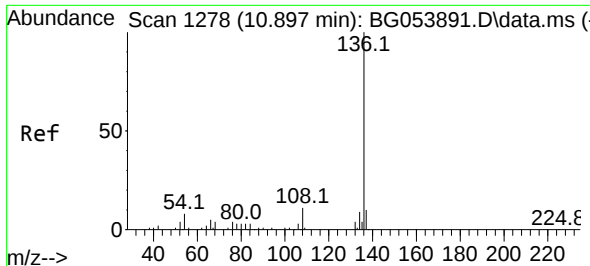
Tgt Ion: 99 Resp: 237650
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 39.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.088 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion: 70 Resp: 24126
Ion Ratio Lower Upper
70 100
42 51.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

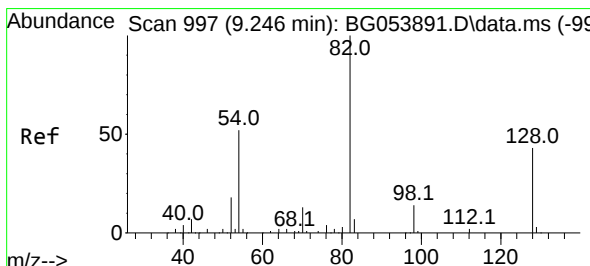
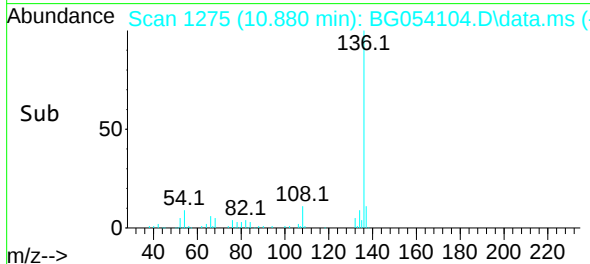
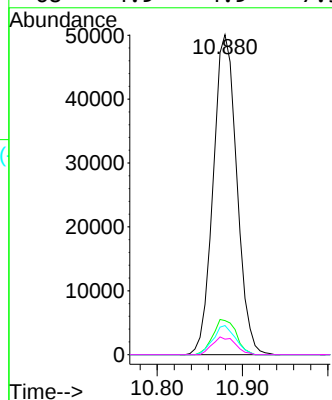
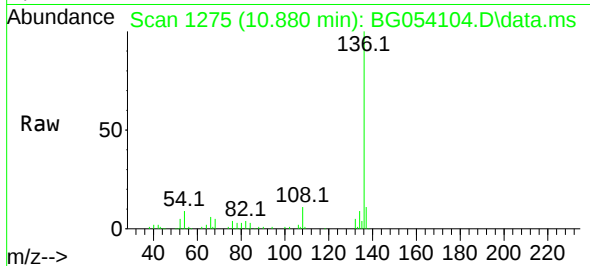




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

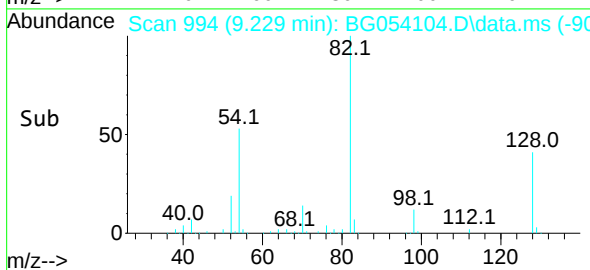
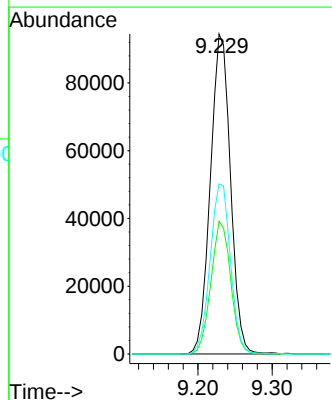
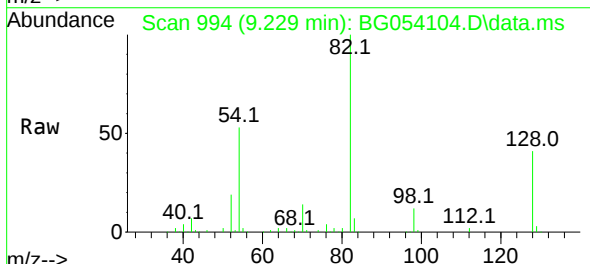
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

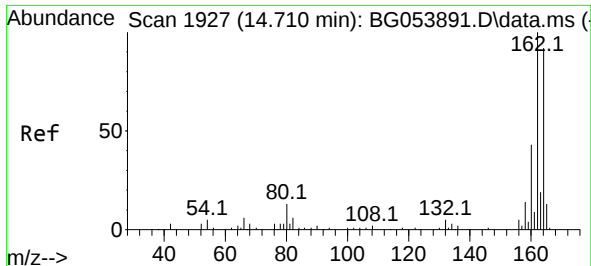
Tgt Ion:	136	Resp:	96206
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.1	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 103.812 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion:	82	Resp:	177723
Ion	Ratio	Lower	Upper
82	100		
128	41.5	27.9	41.9
54	53.2	41.2	61.8

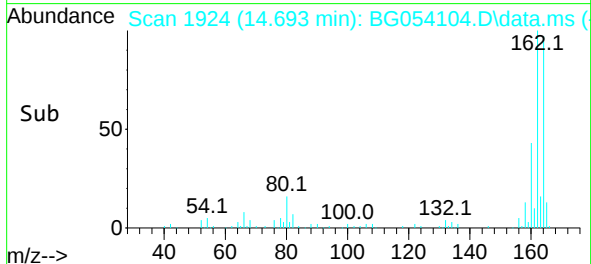
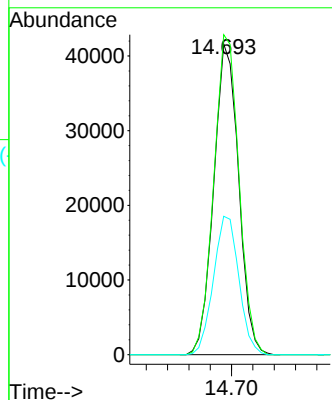
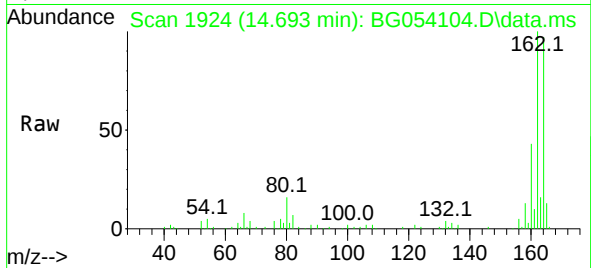




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

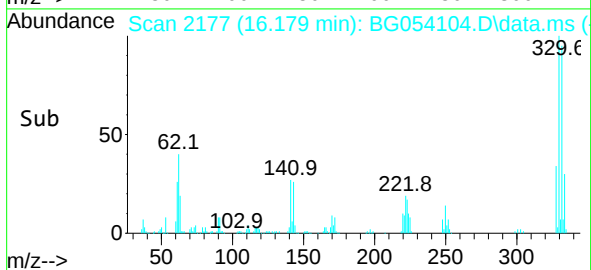
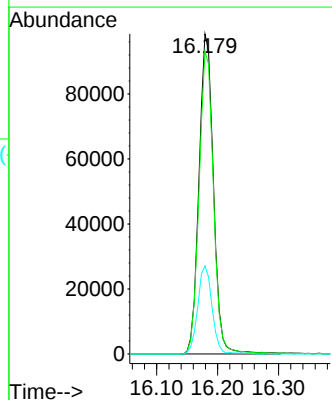
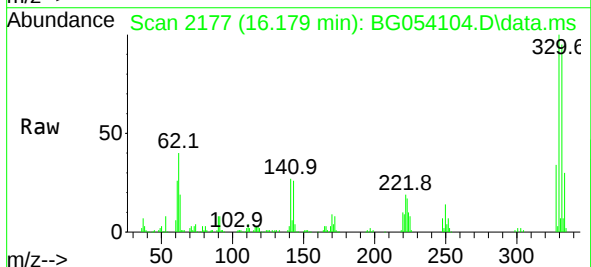
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

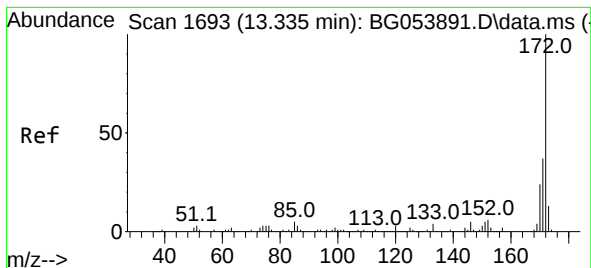
Tgt Ion:164 Resp: 67427
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 44.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 149.678 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion:330 Resp: 162151
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 27.3 27.1 40.7

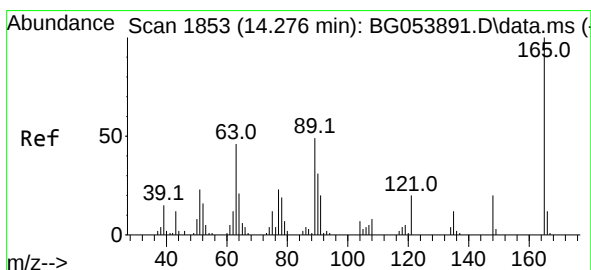
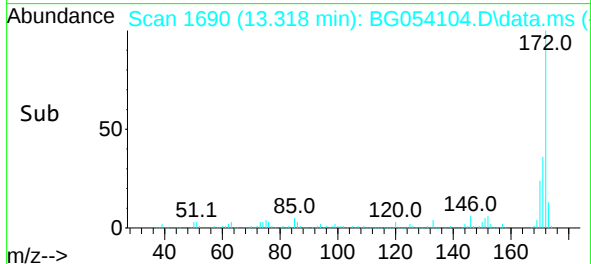
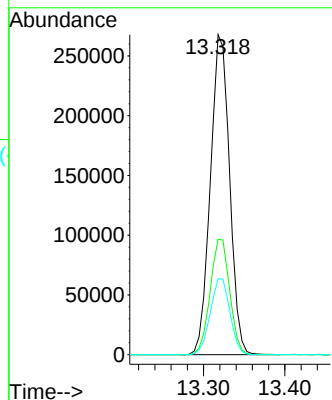
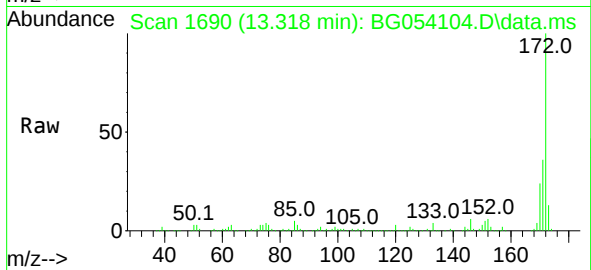




#45
2-Fluorobiphenyl
Concen: 94.784 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

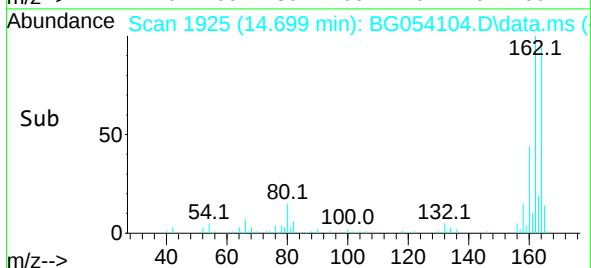
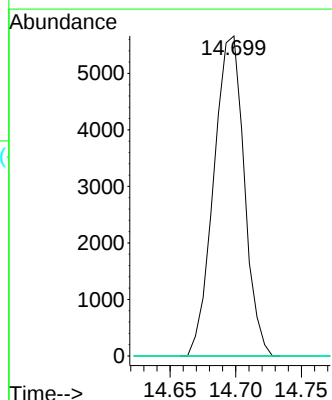
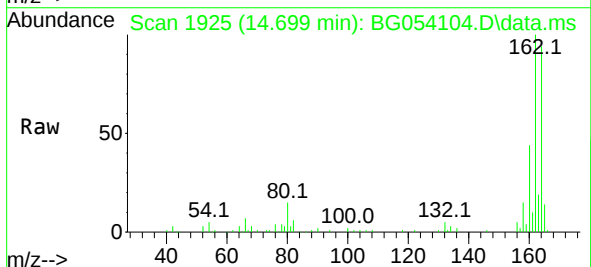
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

Tgt Ion:172 Resp: 439508
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.801 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.435 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion:165 Resp: 9131
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: 6.232 ng

RT: 14.699 min Scan# 1987

Delta R.T. -0.352 min

Lab File: BG054104.D

Acq: 27 Jun 2022 23:04

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-2

Tgt Ion:165 Resp: 9131

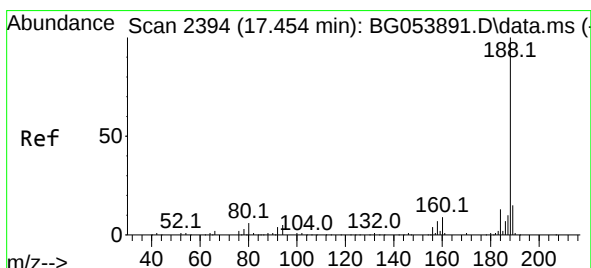
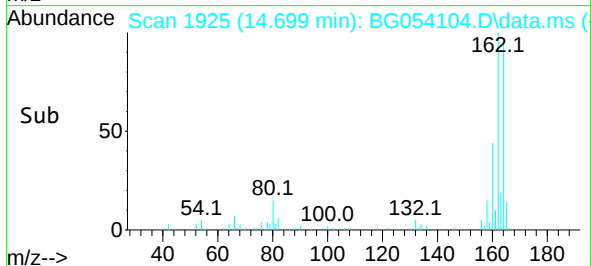
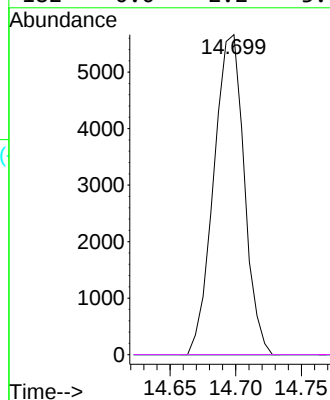
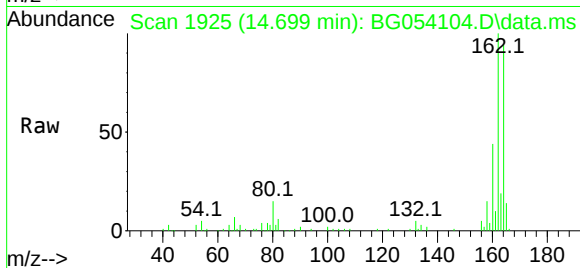
Ion Ratio Lower Upper

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: BG054104.D

Acq: 27 Jun 2022 23:04

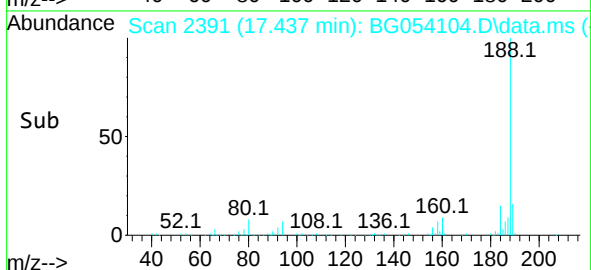
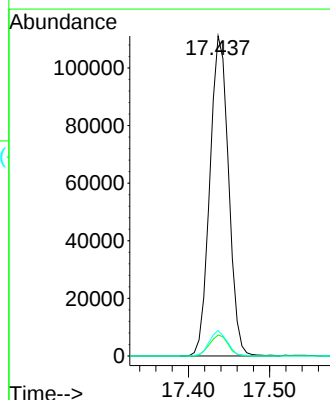
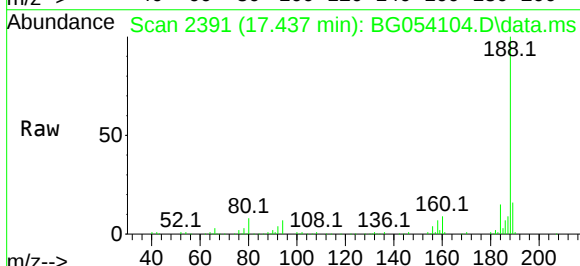
Tgt Ion:188 Resp: 177756

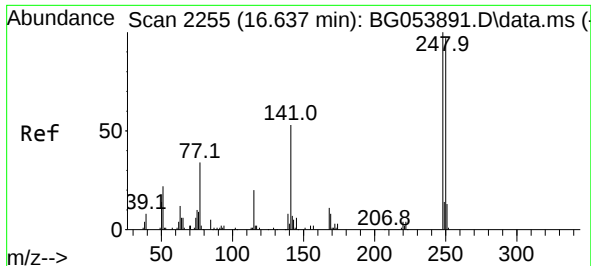
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.9 6.8 10.2

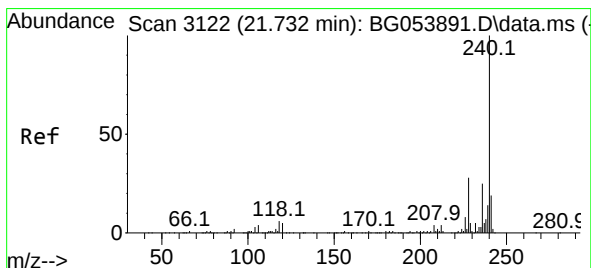
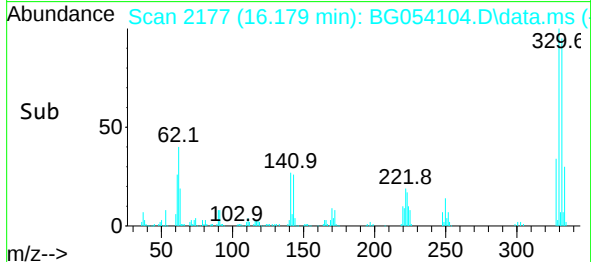
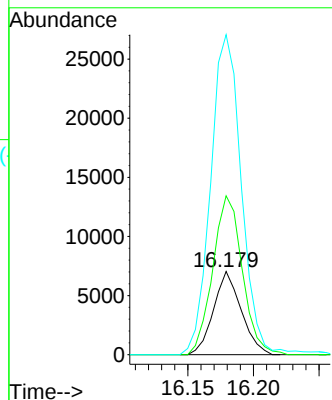
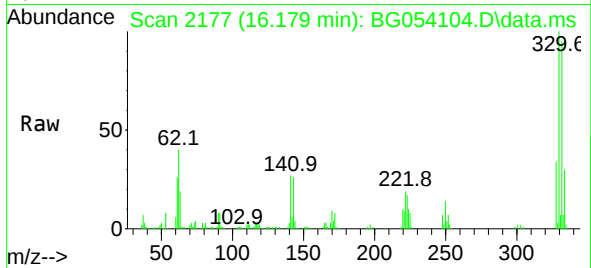




#67
4-Bromophenyl-phenylether
Concen: 4.655 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

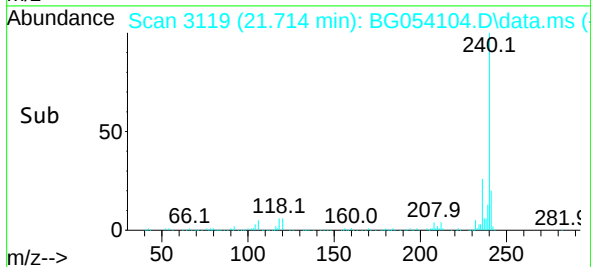
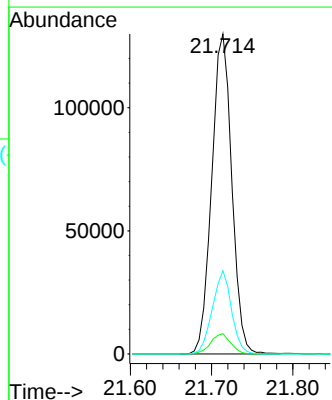
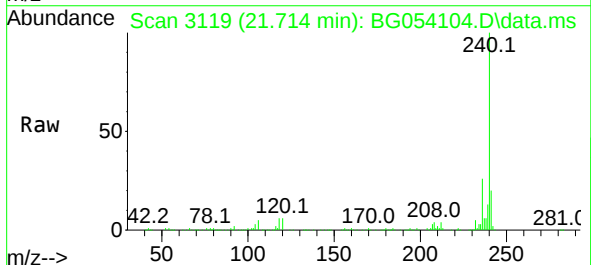
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

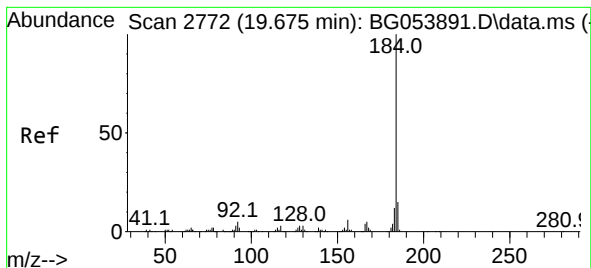
Tgt Ion:248 Resp: 10335
Ion Ratio Lower Upper
248 100
250 191.3 75.2 112.8#
141 298.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Tgt Ion:240 Resp: 222574
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 26.0 20.2 30.4





#77

Benzidine

Concen: 3.427 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.383 min

Lab File: BG054104.D

Acq: 27 Jun 2022 23:04

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-2

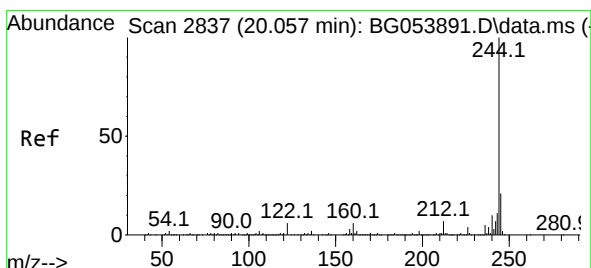
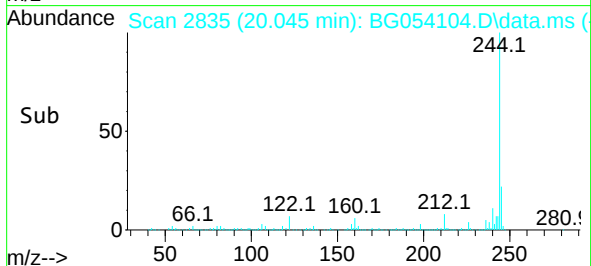
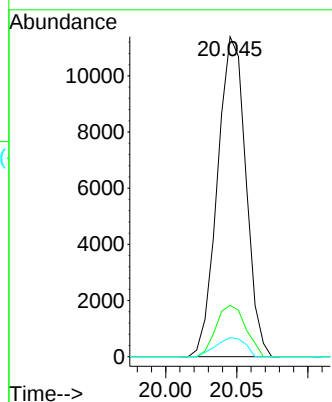
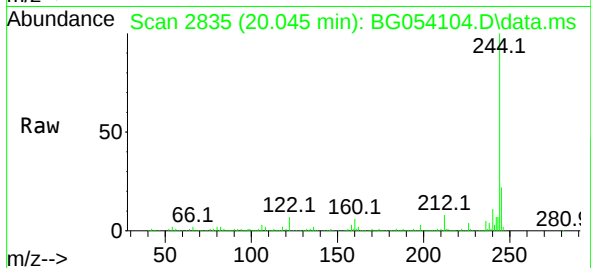
Tgt Ion:184 Resp: 15798

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.6

183 5.9 8.9 13.3#



#79

Terphenyl-d14

Concen: 100.889 ng

RT: 20.045 min Scan# 2835

Delta R.T. 0.001 min

Lab File: BG054104.D

Acq: 27 Jun 2022 23:04

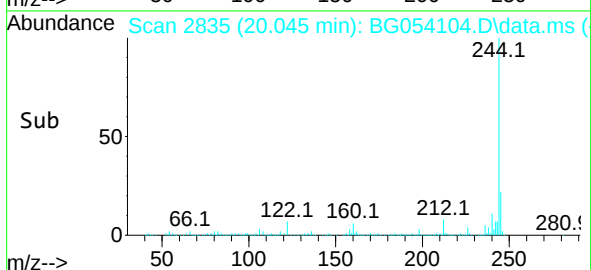
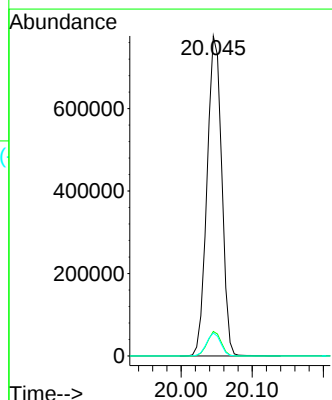
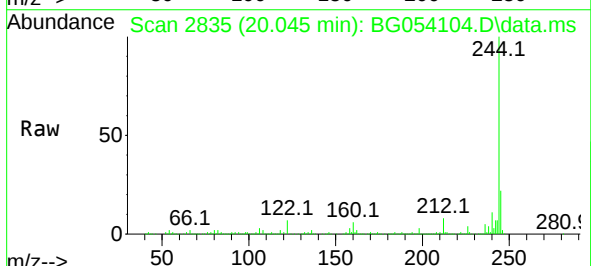
Tgt Ion:244 Resp: 1114913

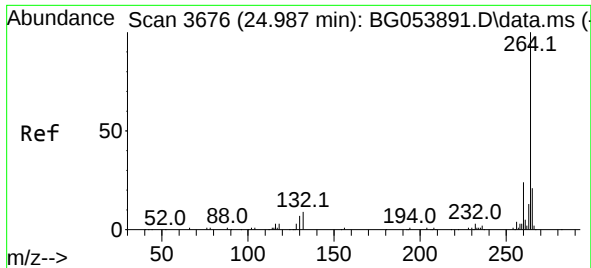
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 7.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.963 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG054104.D
Acq: 27 Jun 2022 23:04

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-2

Tgt Ion:264 Resp: 210995
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.0 17.4 26.2

