

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054152.D
 Acq On : 29 Jun 2022 19:36
 Operator : CG/JU
 Sample : N3526-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PUMPHOUSE-SIDE-2

Quant Time: Jun 29 21:00:05 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)

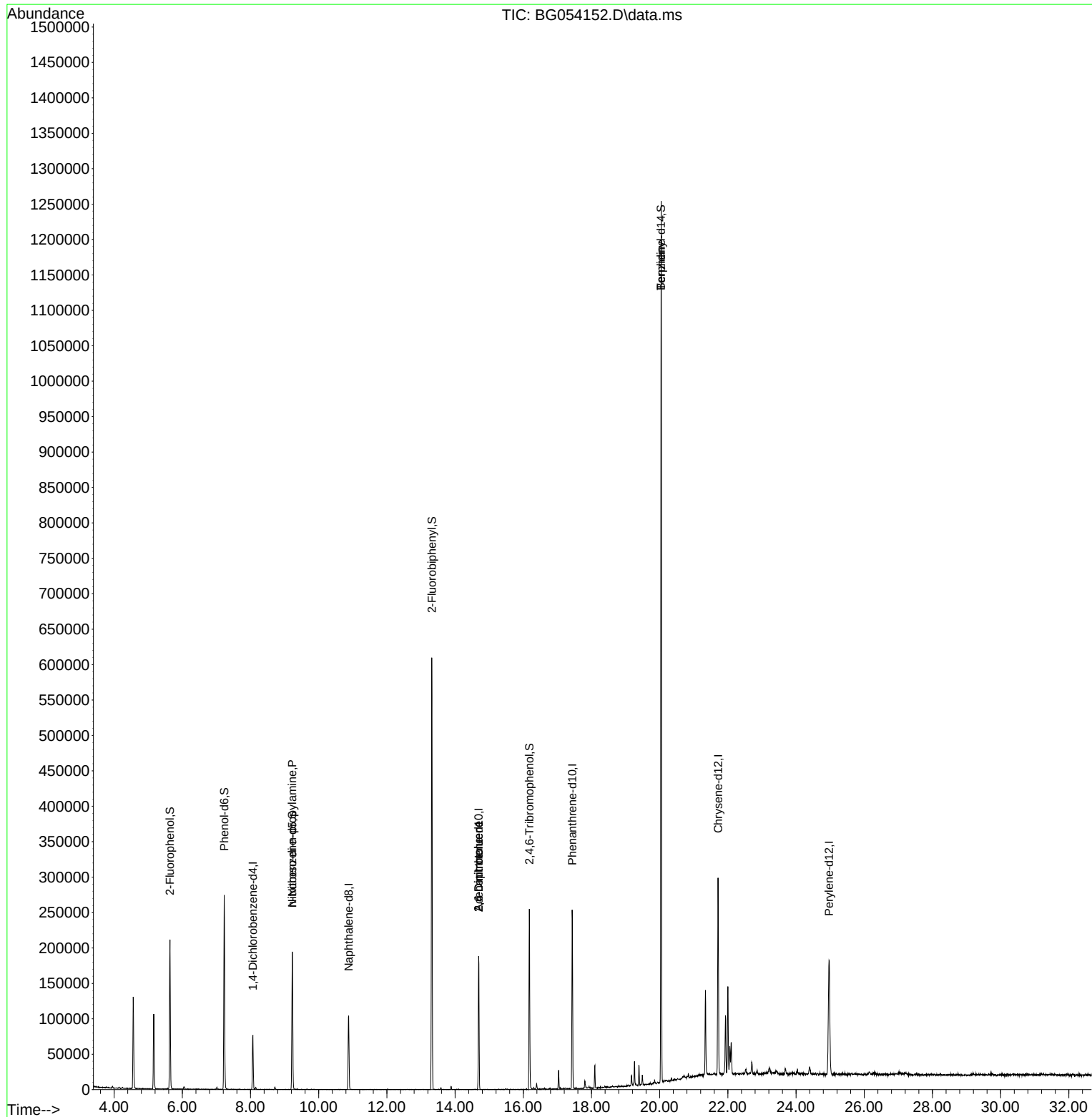
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	24320	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	99395	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	73586	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	183031	20.000	ng	0.00
76) Chrysene-d12	21.713	240	190769	20.000	ng	0.00
86) Perylene-d12	24.968	264	195698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	100237	78.801	ng	0.00
7) Phenol-d6	7.230	99	166404	96.433	ng	0.00
23) Nitrobenzene-d5	9.227	82	124981	70.662	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	62416	52.792	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	357764	70.698	ng	0.00
79) Terphenyl-d14	20.044	244	696305	73.514	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.227	70	16647	14.359	ng	Qvalue # 82
51) 2,6-Dinitrotoluene	14.692	165	10211	9.018	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	10211	6.385	ng	# 21
77) Benzidine	20.044	184	9186	2.325	ng	# 95

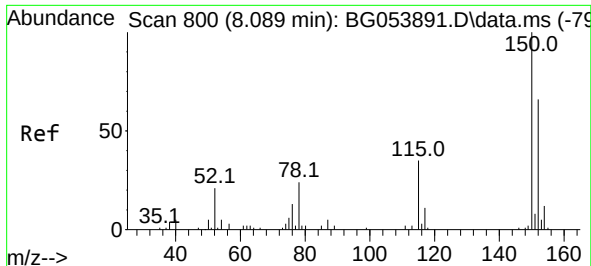
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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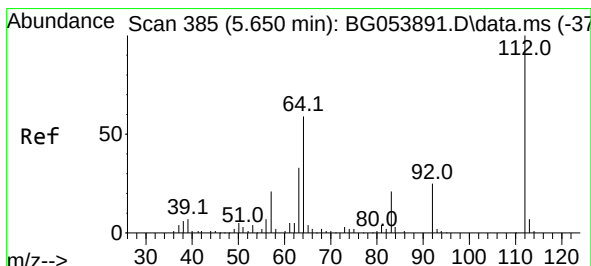
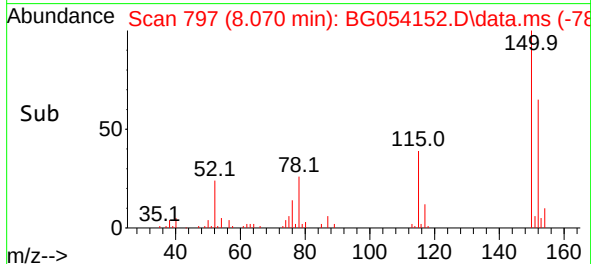
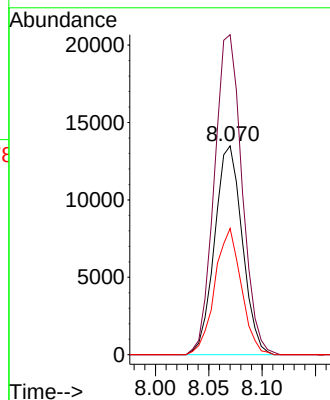
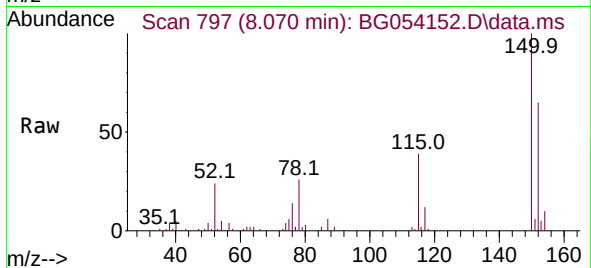




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

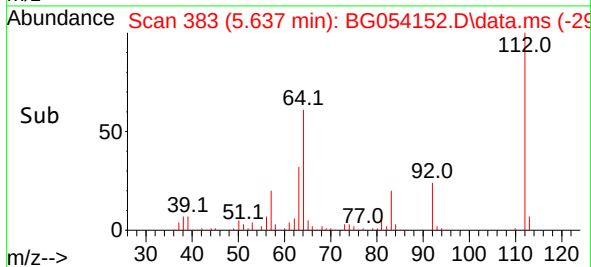
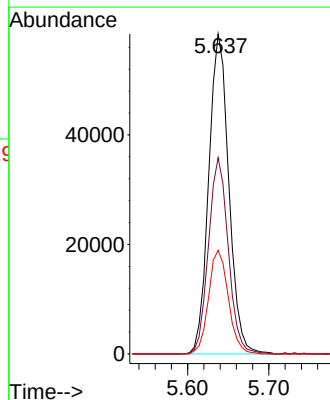
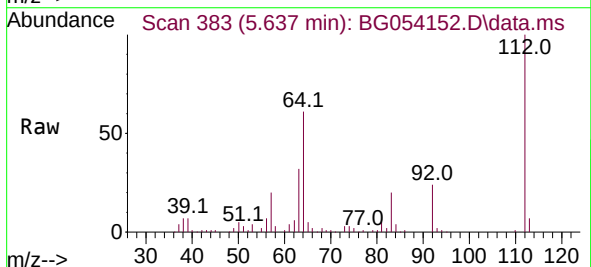
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

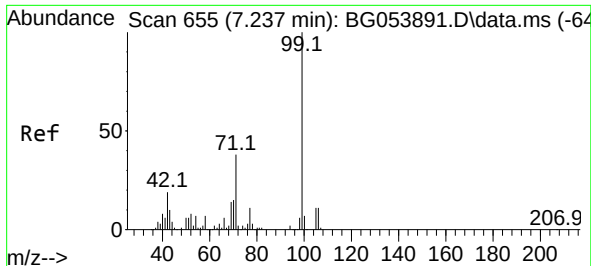
Tgt Ion:152 Resp: 24320
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 60.5 50.9 76.3



#5
2-Fluorophenol
Concen: 78.801 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion:112 Resp: 100237
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 32.4 30.4 45.6

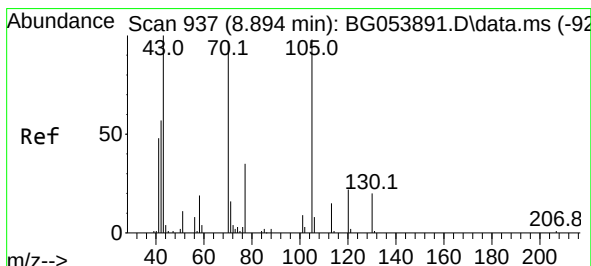
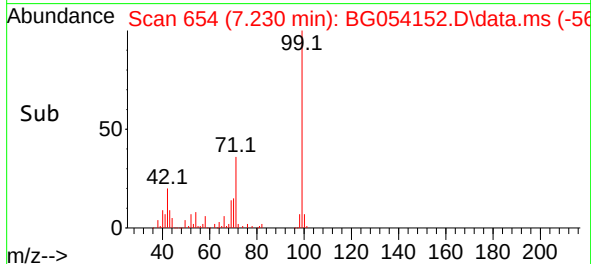
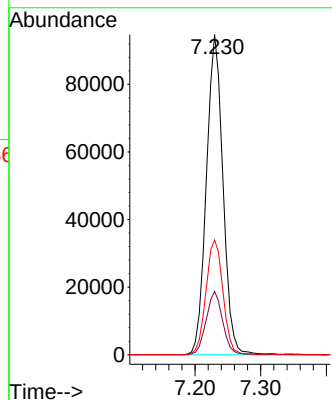
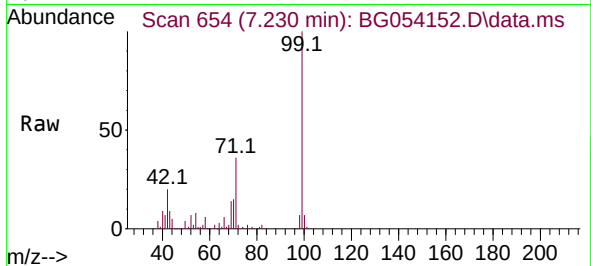




#7
Phenol-d6
Concen: 96.433 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

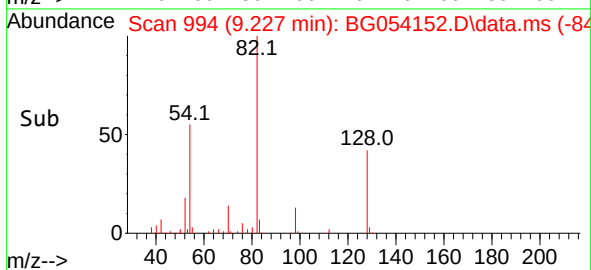
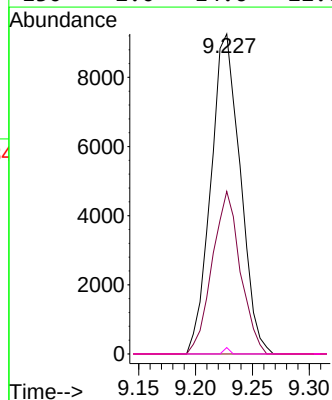
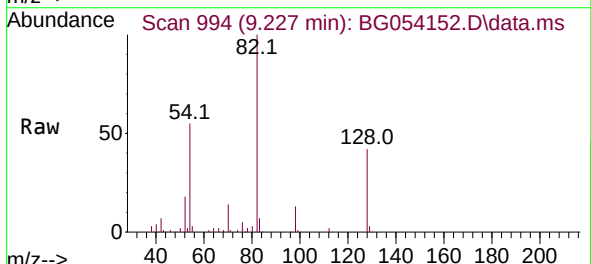
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

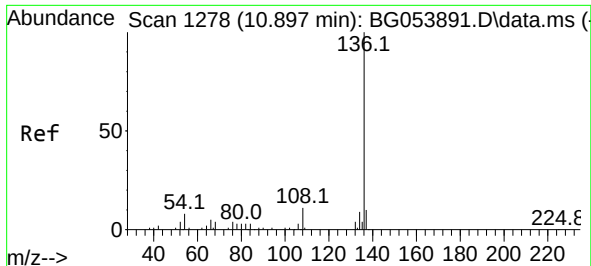
Tgt Ion: 99 Resp: 166404
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 35.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.359 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion: 70 Resp: 16647
Ion Ratio Lower Upper
70 100
42 50.8 47.3 70.9
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

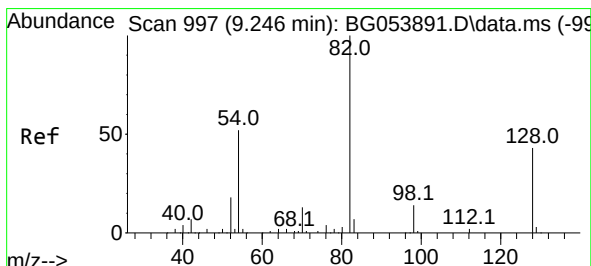
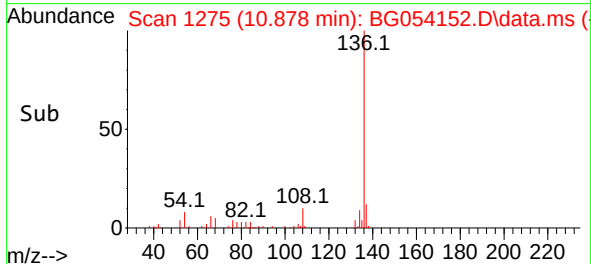
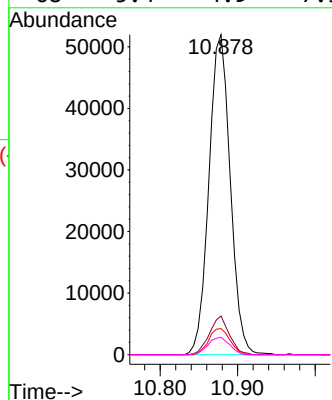
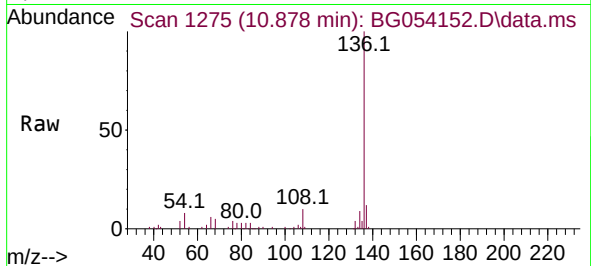




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

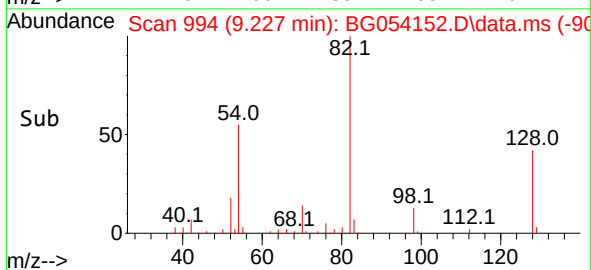
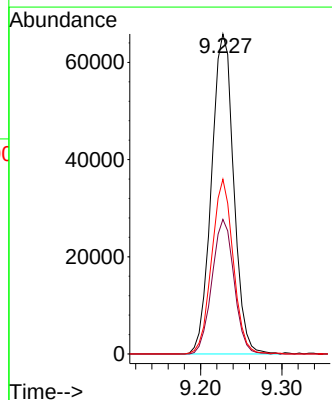
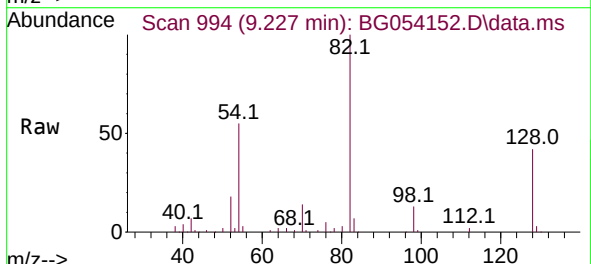
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

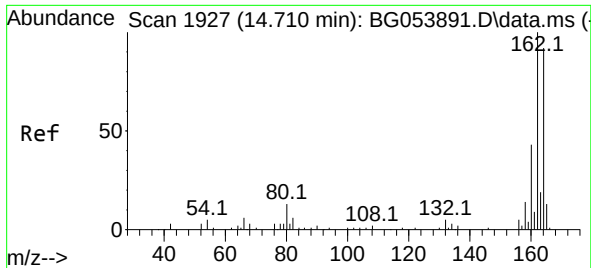
Tgt Ion:	136	Resp:	99395
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.5	12.7
54	8.1	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 70.662 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion:	82	Resp:	124981
Ion Ratio	Lower	Upper	
82	100		
128	42.1	27.9	41.9#
54	54.6	41.2	61.8

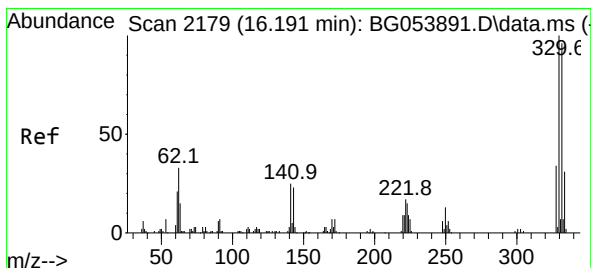
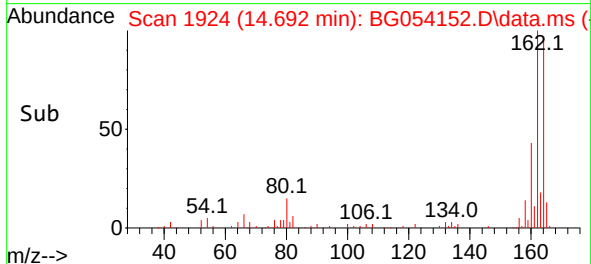
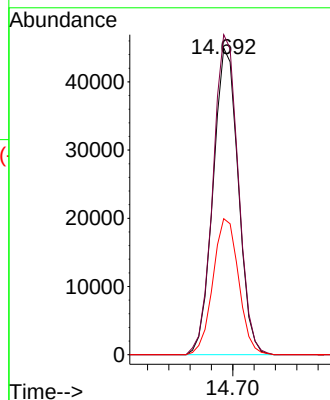
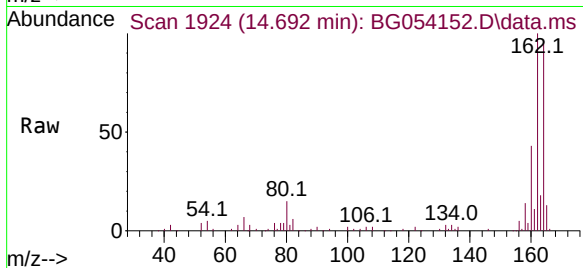




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

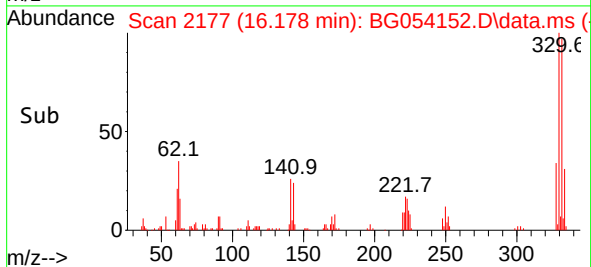
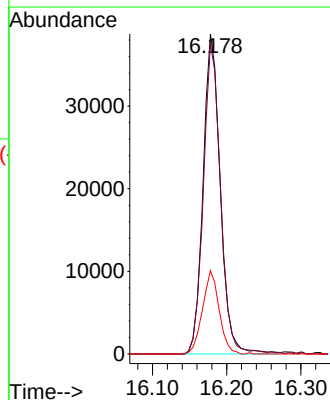
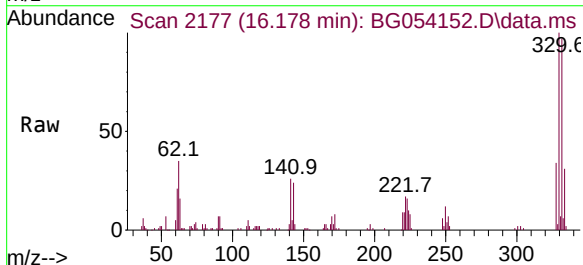
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

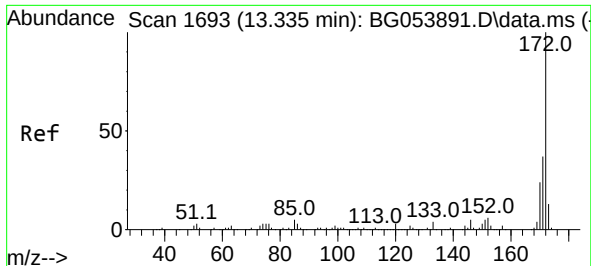
Tgt Ion:164 Resp: 73586
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 44.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 52.792 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion:330 Resp: 62416
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 25.2 27.1 40.7#

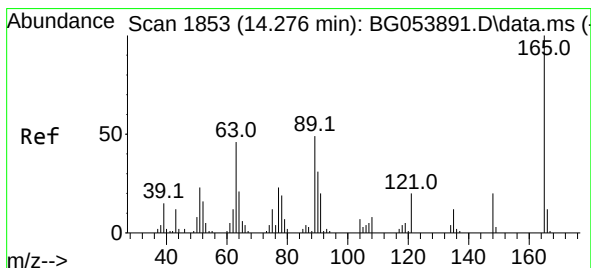
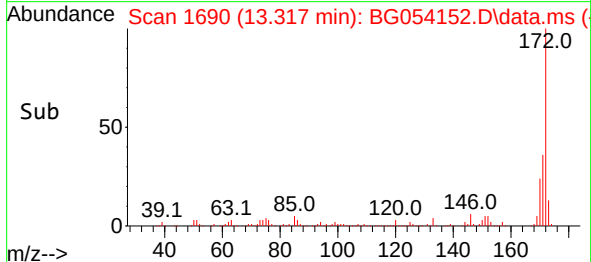
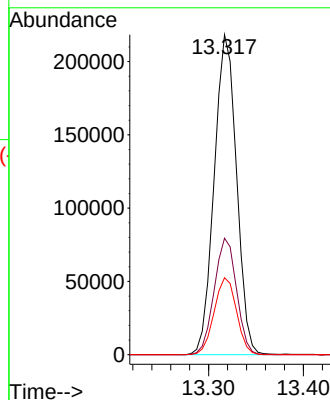
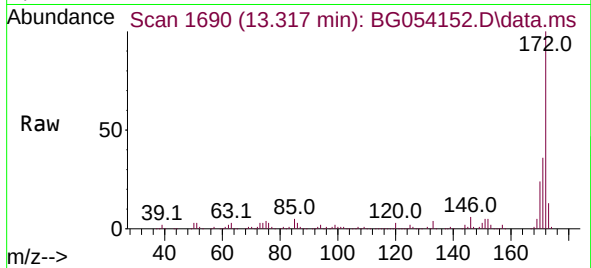




#45
2-Fluorobiphenyl
Concen: 70.698 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

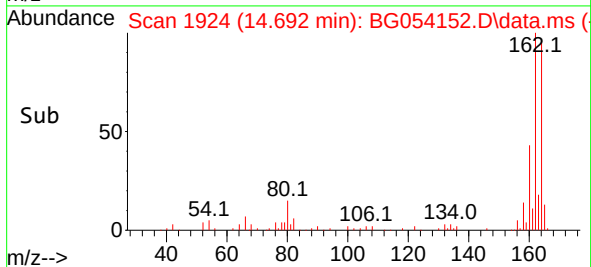
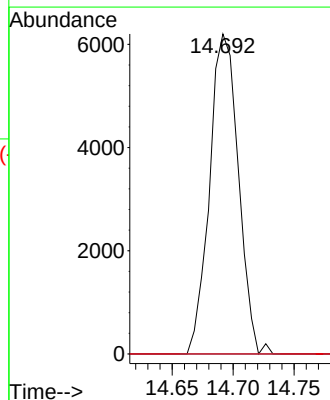
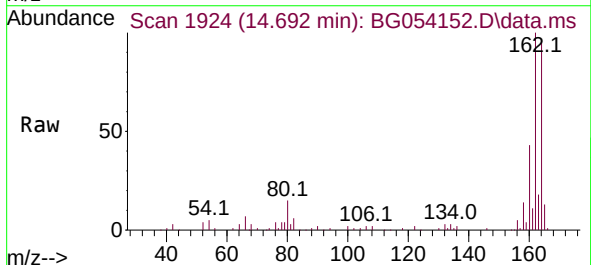
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

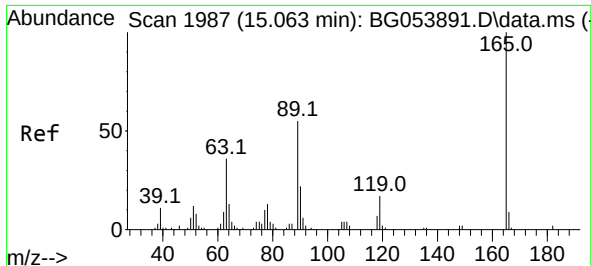
Tgt Ion:172 Resp: 357764
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.018 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion:165 Resp: 10211
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: 6.385 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.359 min

Lab File: BG054152.D

Acq: 29 Jun 2022 19:36

Instrument :

BNA_G

ClientSampleId :

PUMPHOUSE-SIDE-2

Tgt Ion:165 Resp: 10211

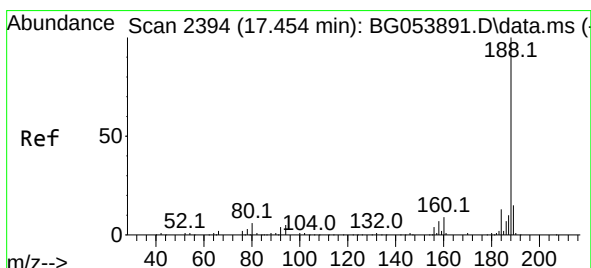
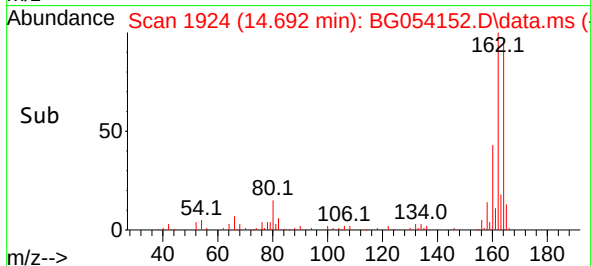
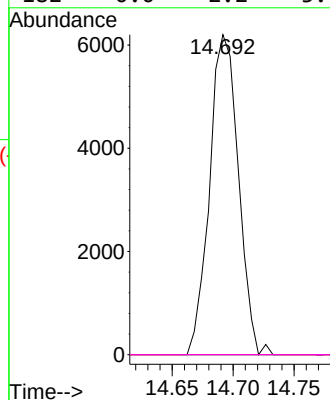
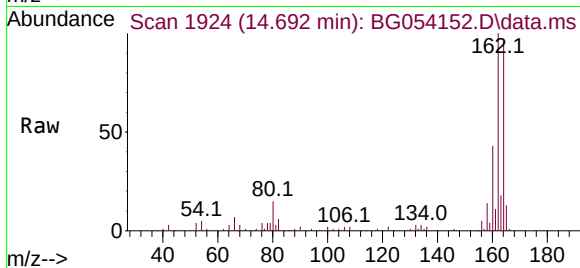
Ion Ratio Lower Upper

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: 17.435 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054152.D

Acq: 29 Jun 2022 19:36

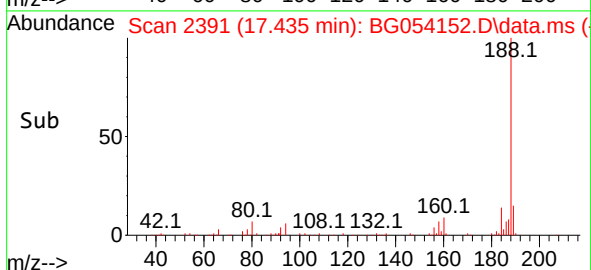
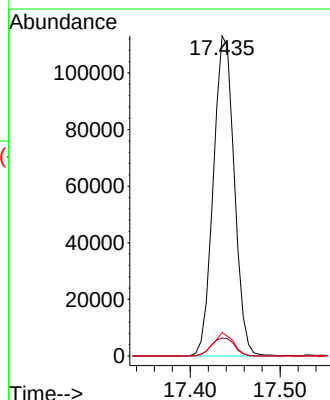
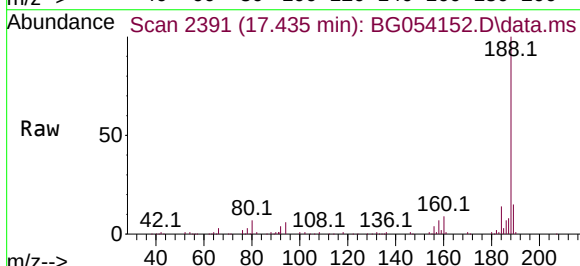
Tgt Ion:188 Resp: 183031

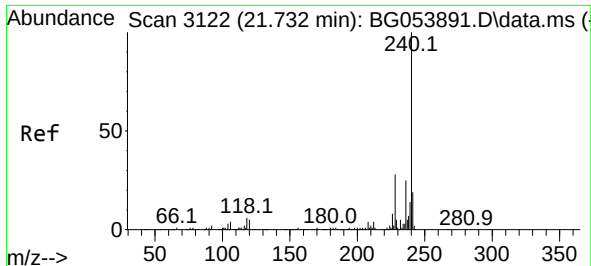
Ion Ratio Lower Upper

188 100

94 5.6 5.4 8.0

80 7.4 6.8 10.2

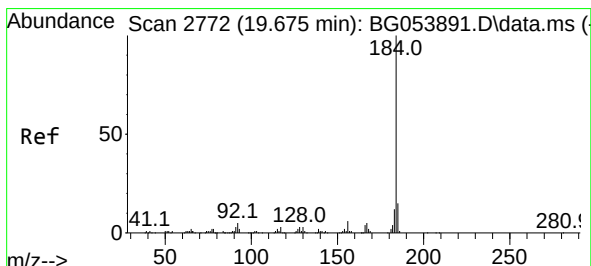
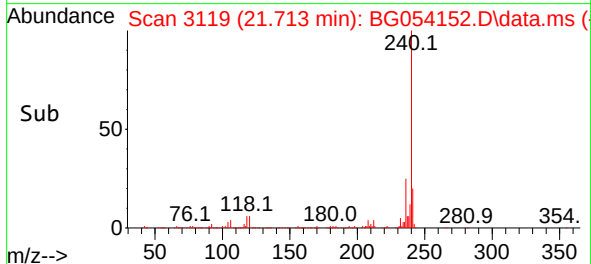
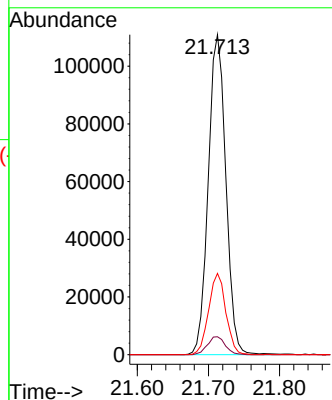
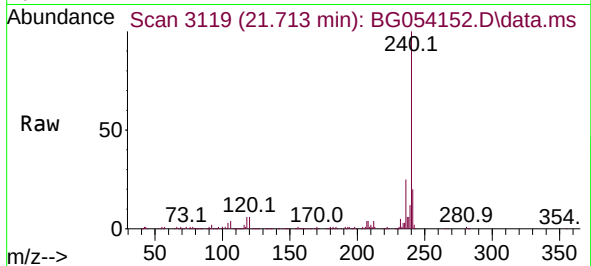




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

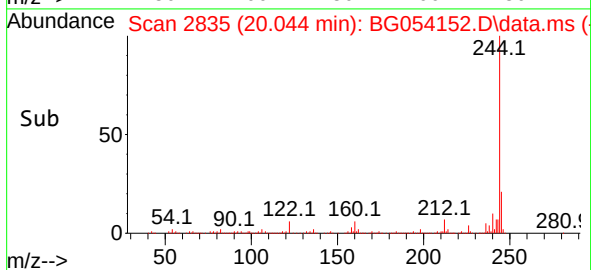
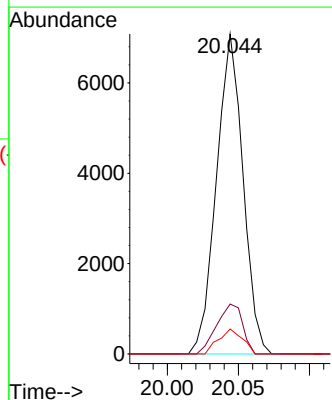
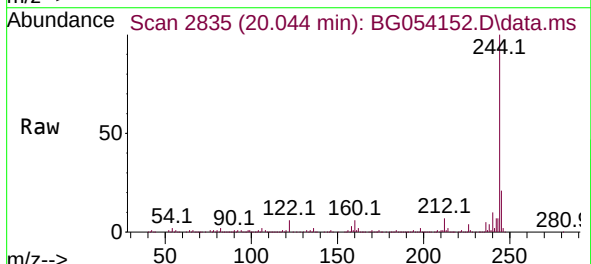
Instrument :
BNA_G
ClientSampleId :
PUMPHOUSE-SIDE-2

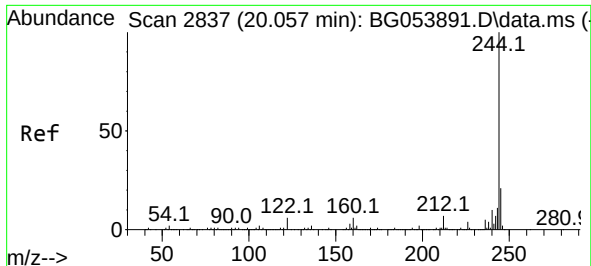
Tgt Ion:240 Resp: 190769
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 25.4 20.2 30.4



#77
Benzidine
Concen: 2.325 ng
RT: 20.044 min Scan# 2835
Delta R.T. 0.381 min
Lab File: BG054152.D
Acq: 29 Jun 2022 19:36

Tgt Ion:184 Resp: 9186
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 7.8 8.9 13.3#

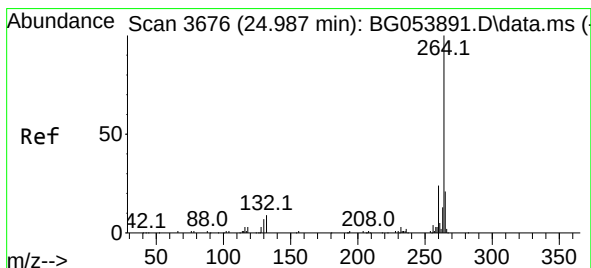
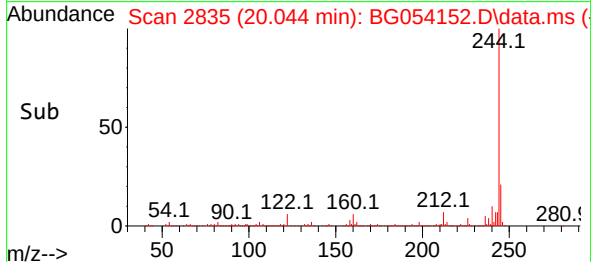
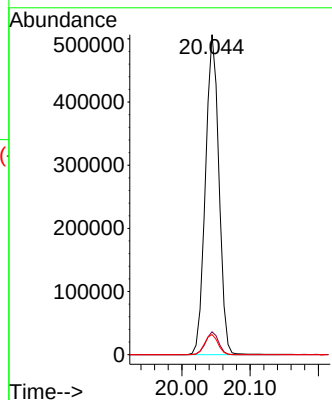
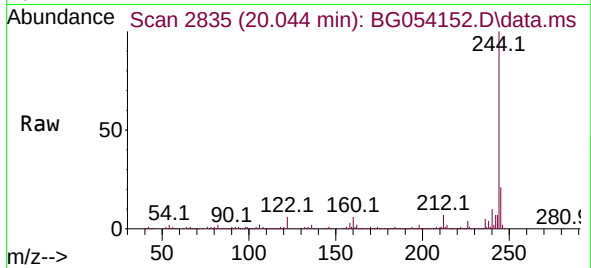




#79
 Terphenyl-d14
 Concen: 73.514 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054152.D
 Acq: 29 Jun 2022 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PUMPHOUSE-SIDE-2

Tgt Ion:244 Resp: 696305
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.968 min Scan# 3673
 Delta R.T. 0.005 min
 Lab File: BG054152.D
 Acq: 29 Jun 2022 19:36

Tgt Ion:264 Resp: 195698
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.6 17.4 26.2

