

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053814.D
 Acq On : 3 Jun 2022 15:38
 Operator : CG/JU
 Sample : N3025-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-SW

Quant Time: Jun 04 03:05:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

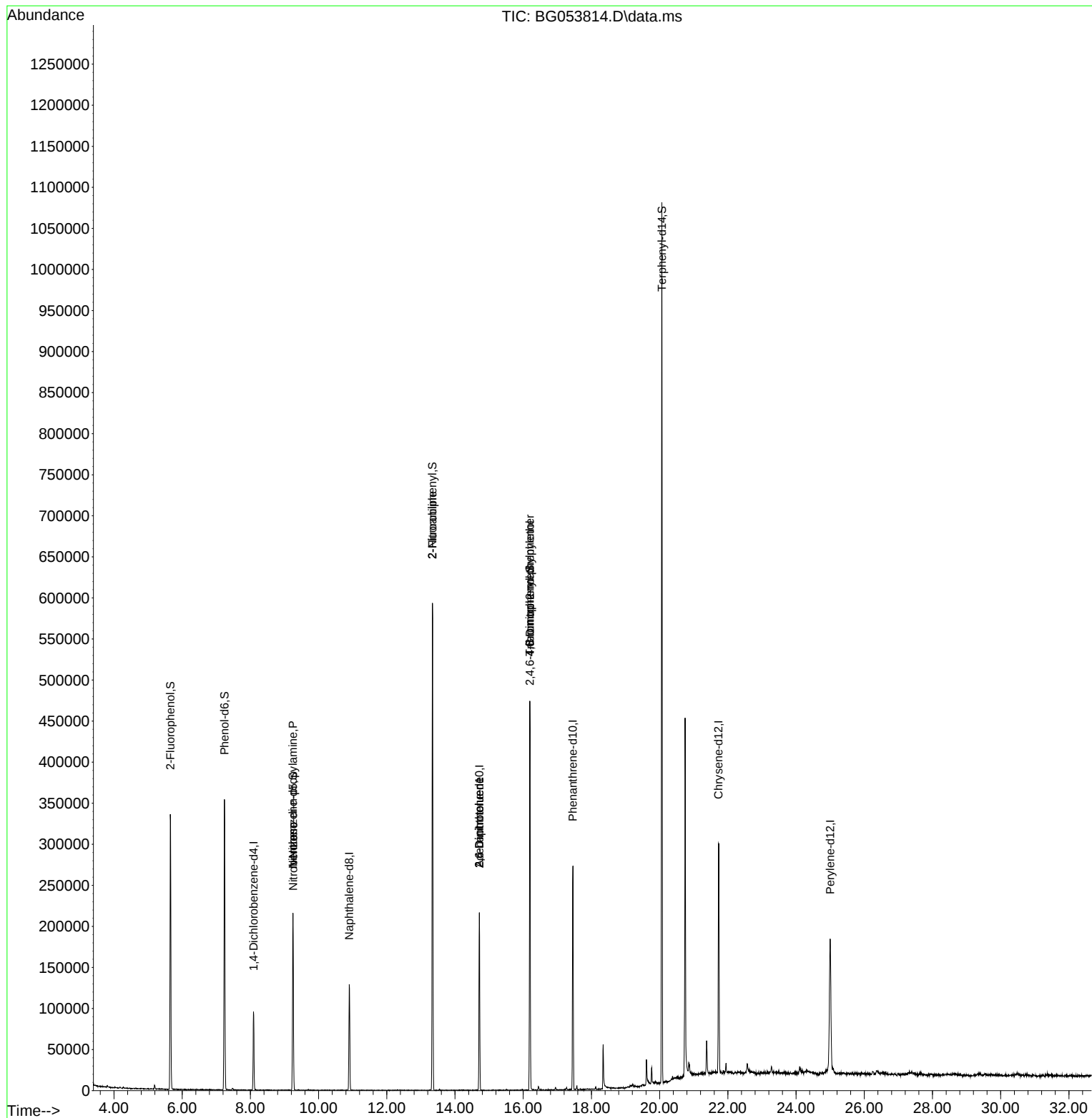
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	29162	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	117094	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	82220	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	188620	20.000	ng	0.00
76) Chrysene-d12	21.728	240	189093	20.000	ng	# 0.00
86) Perylene-d12	25.001	264	191016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	157258	99.027	ng	0.00
7) Phenol-d6	7.240	99	208567	96.955	ng	0.00
23) Nitrobenzene-d5	9.249	82	132629	74.380	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	104069	104.274	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	341535	62.143	ng	0.00
79) Terphenyl-d14	20.066	244	594327	62.528	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	18027	11.832	ng	# 81
24) Nitrobenzene	9.255	77	434	3.177	ng	# 48
48) 2-Nitroaniline	13.338	65	420	5.365	ng	# 1
51) 2,6-Dinitrotoluene	14.713	165	10928	13.304	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	10928	11.141	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.194	198	132	5.764	ng	# 1
67) 4-Bromophenyl-phenylether	16.194	248	6882	3.358	ng	# 1

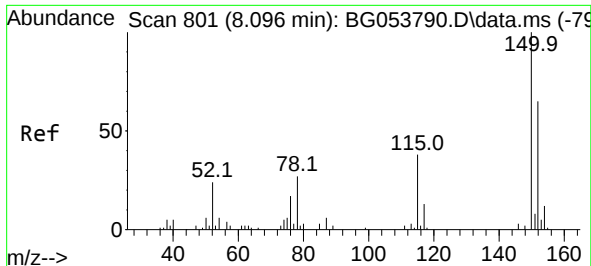
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
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NORTH-SW

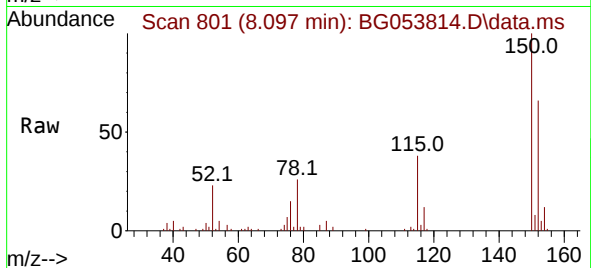
Quant Time: Jun 04 03:05:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
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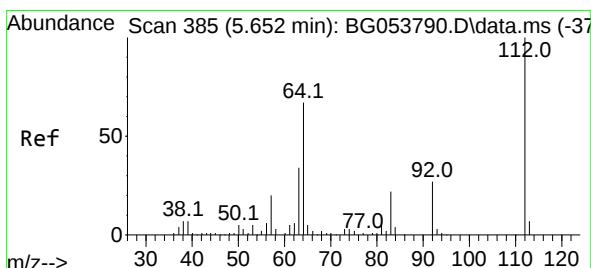
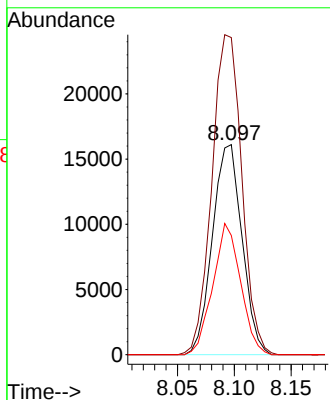
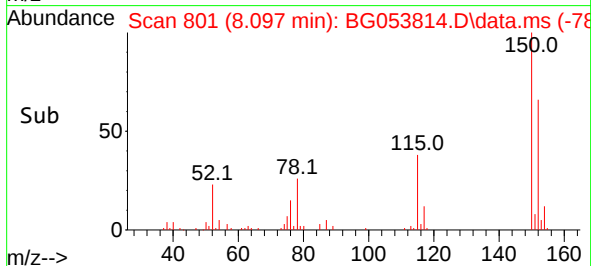


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.097 min Scan# 801
Delta R.T. 0.001 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

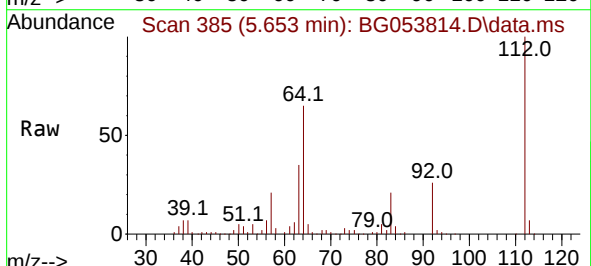
Instrument :
BNA_G
ClientSampleId :
NORTH-SW



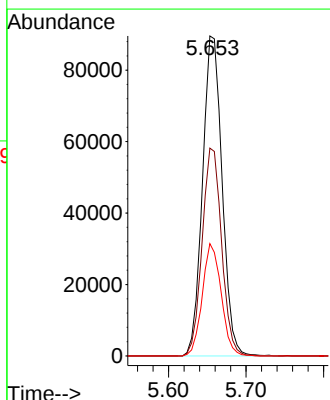
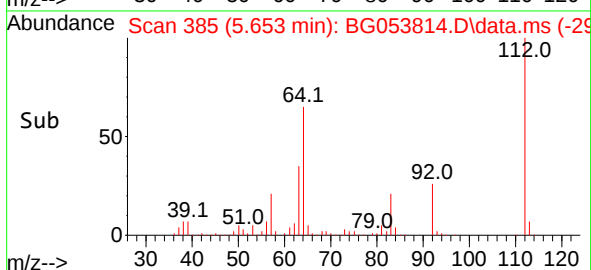
Tgt Ion:152 Resp: 29162
Ion Ratio Lower Upper
152 100
150 151.0 131.6 197.4
115 56.7 50.9 76.3

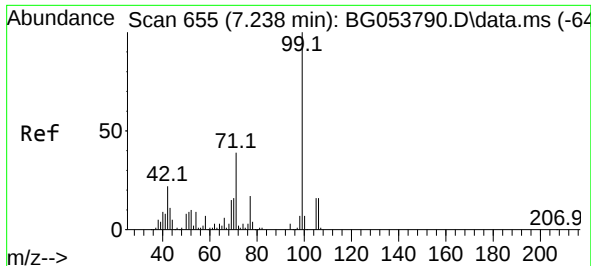


#5
2-Fluorophenol
Concen: 99.027 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38



Tgt Ion:112 Resp: 157258
Ion Ratio Lower Upper
112 100
64 64.9 55.1 82.7
63 35.1 30.4 45.6

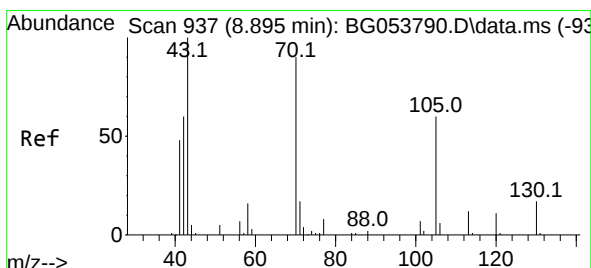
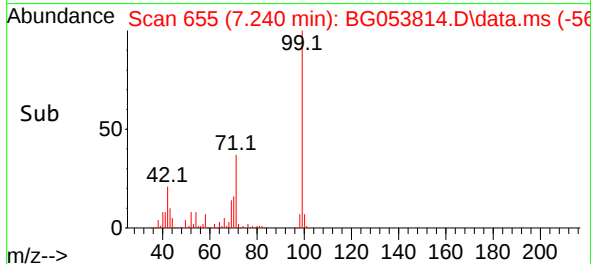
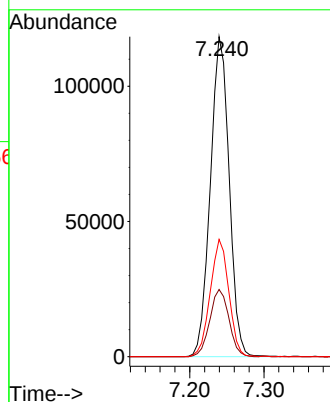
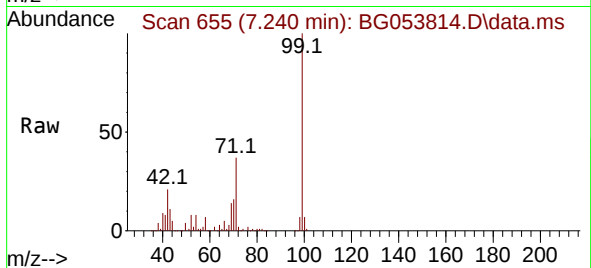




#7
Phenol-d6
Concen: 96.955 ng
RT: 7.240 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

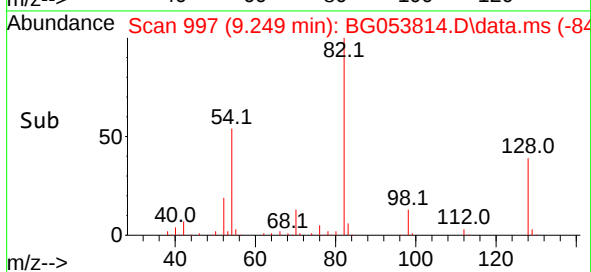
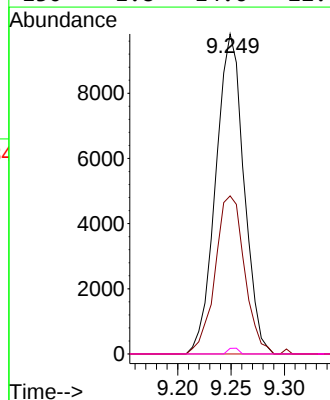
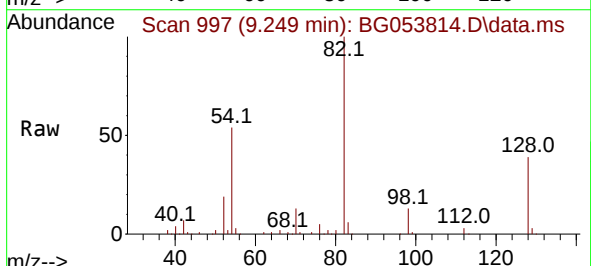
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

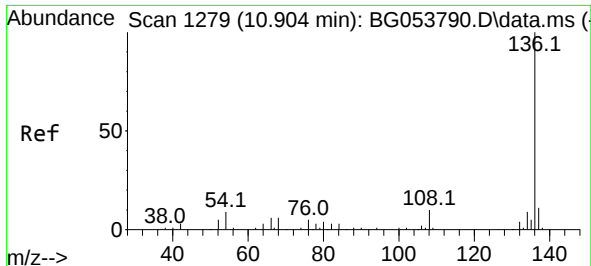
Tgt Ion: 99 Resp: 208567
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 36.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.832 ng
RT: 9.249 min Scan# 997
Delta R.T. 0.354 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion: 70 Resp: 18027
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

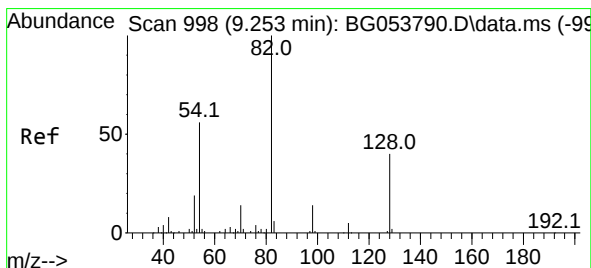
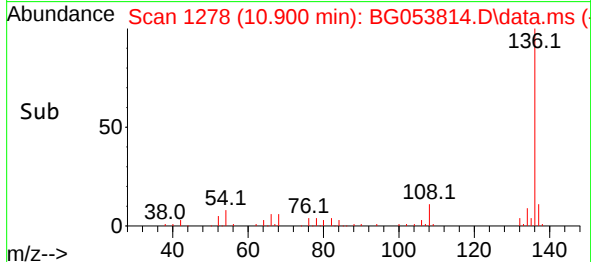
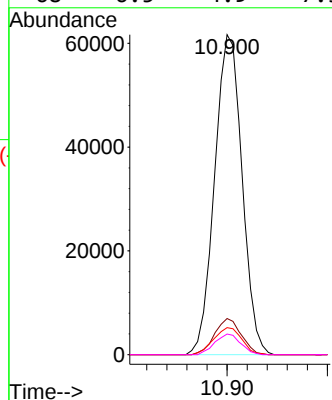
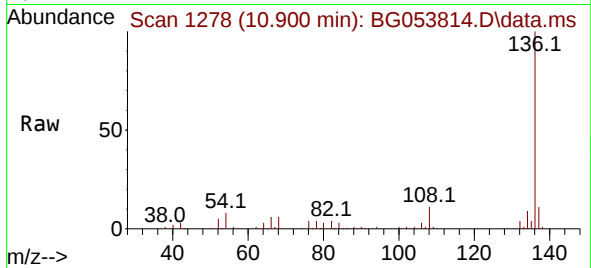




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 117094
Delta R.T. -0.004 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

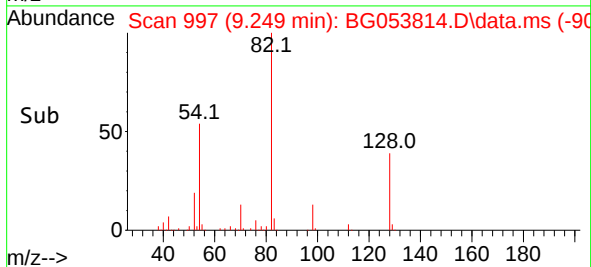
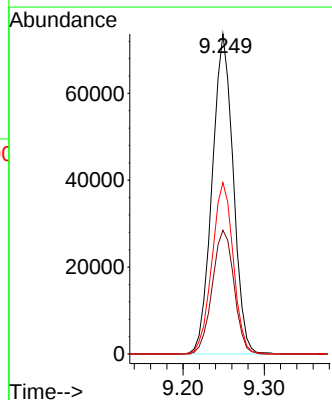
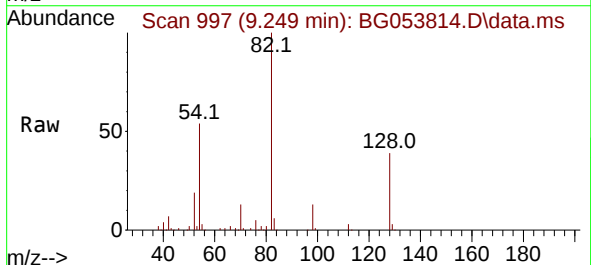
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

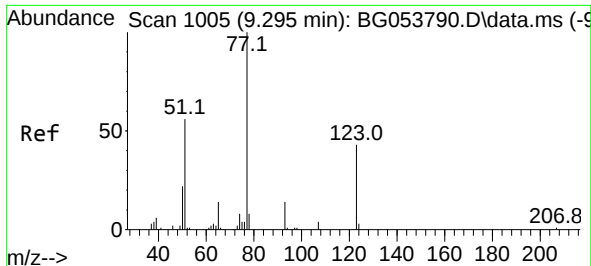
Tgt Ion:	136	Resp:	117094
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.4	7.4	11.2
68	6.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 74.380 ng
RT: 9.249 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion:	82	Resp:	132629
Ion	Ratio	Lower	Upper
82	100		
128	38.6	27.9	41.9
54	53.6	41.2	61.8

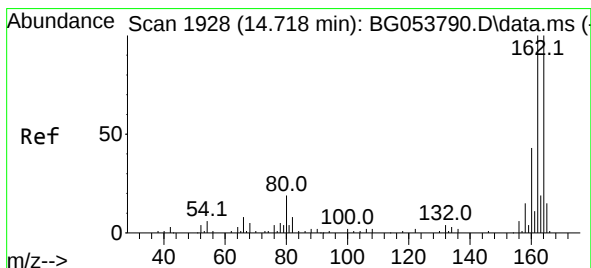
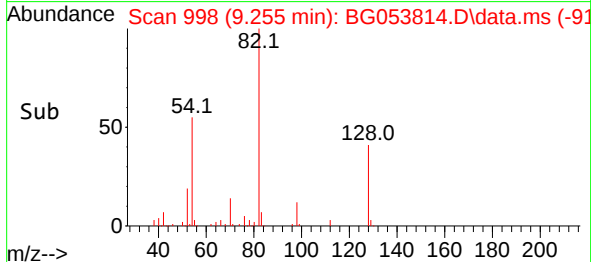
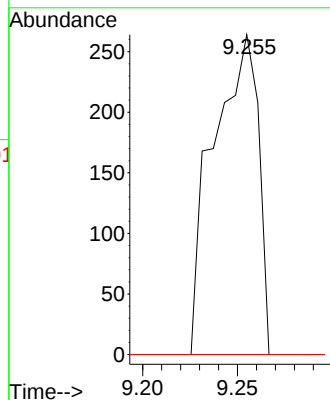
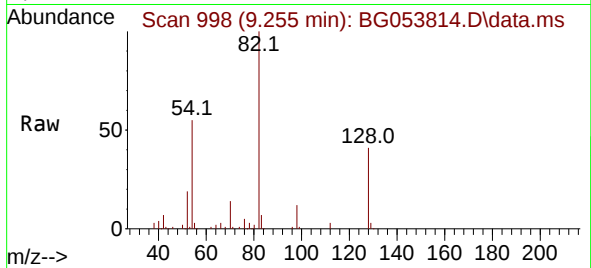




#24
Nitrobenzene
Concen: 3.177 ng
RT: 9.255 min Scan# 91
Delta R.T. -0.040 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

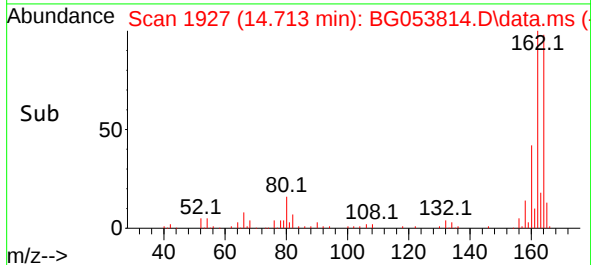
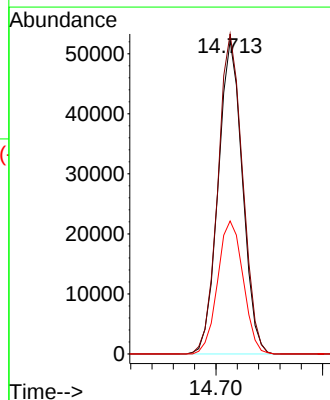
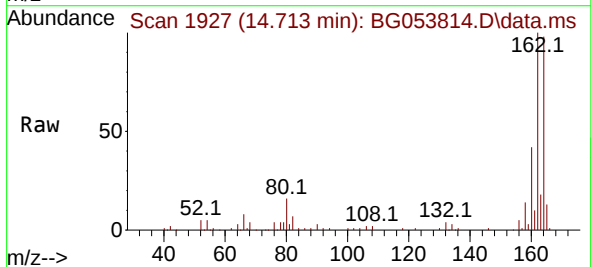
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

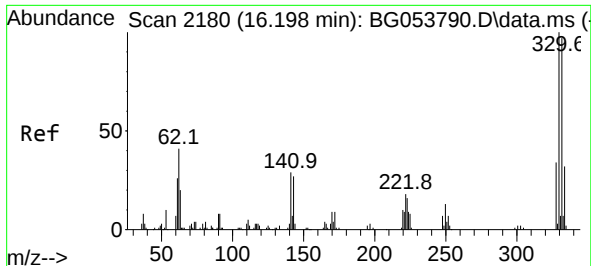
Tgt Ion: 77 Resp: 434
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion: 164 Resp: 82220
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 42.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 104.274 ng

RT: 16.200 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053814.D

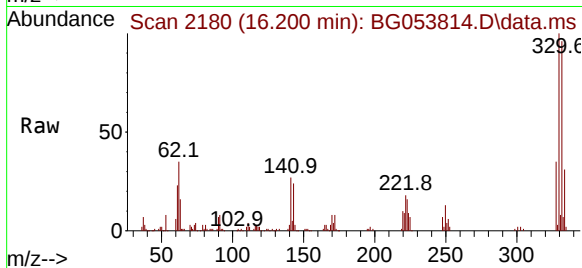
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Instrument :

BNA_G

ClientSampleId :

NORTH-SW



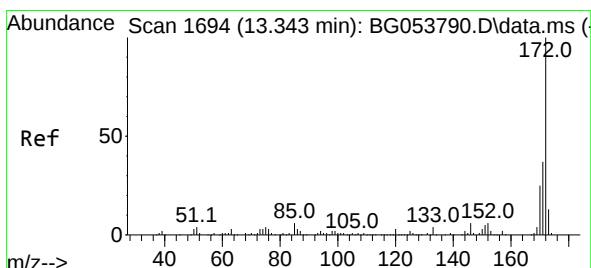
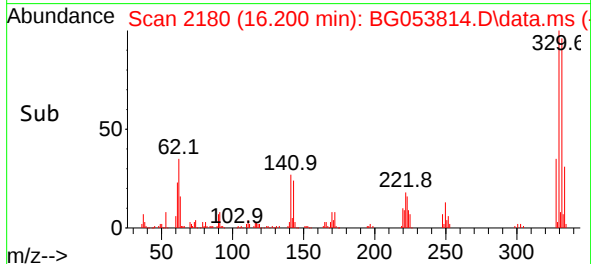
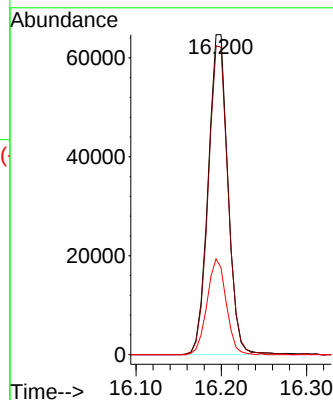
Tgt Ion:330 Resp: 104069

Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

141 29.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 62.143 ng

RT: 13.338 min Scan# 1693

Delta R.T. -0.005 min

Lab File: BG053814.D

Acq: 3 Jun 2022 15:38

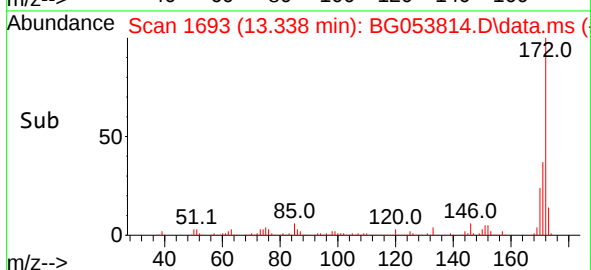
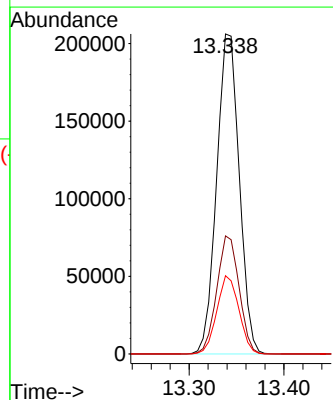
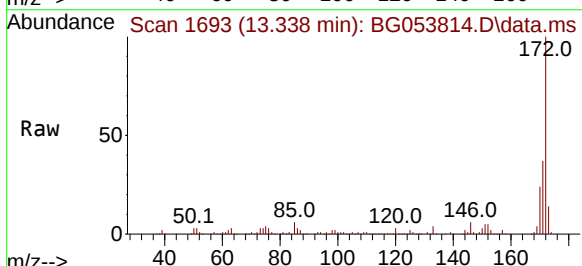
Tgt Ion:172 Resp: 341535

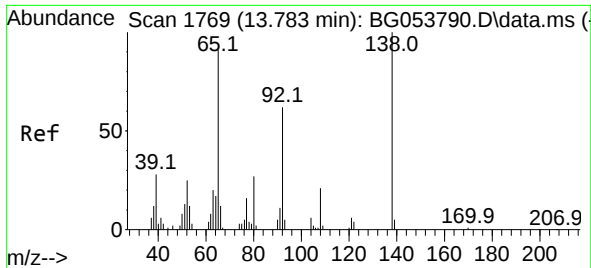
Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 24.5 18.9 28.3

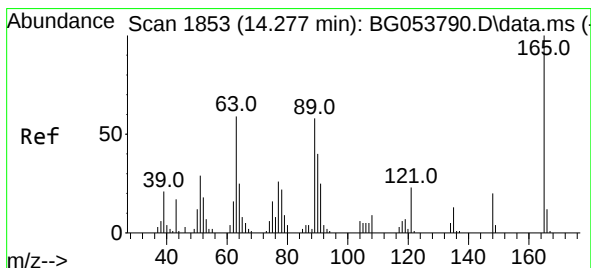
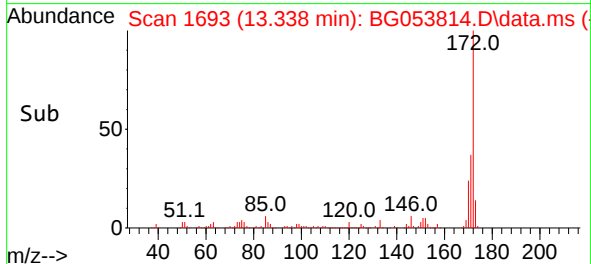
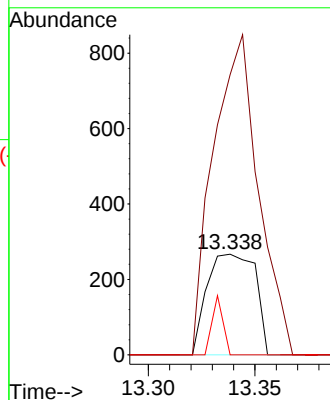
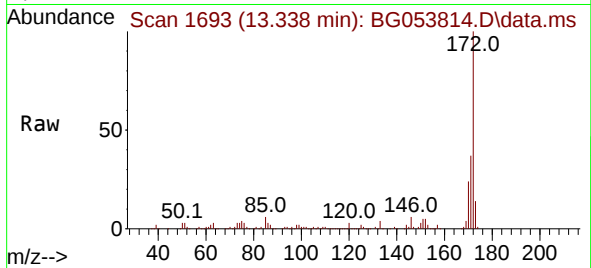




#48
2-Nitroaniline
Concen: 5.365 ng
RT: 13.338 min Scan# 1
Delta R.T. -0.445 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

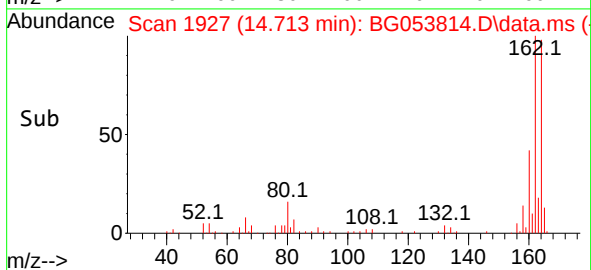
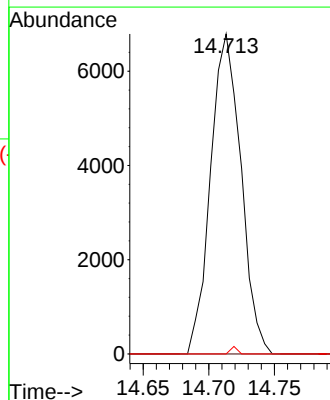
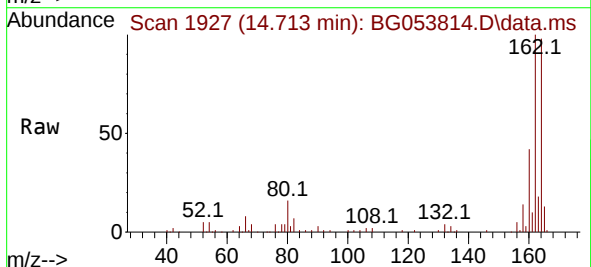
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

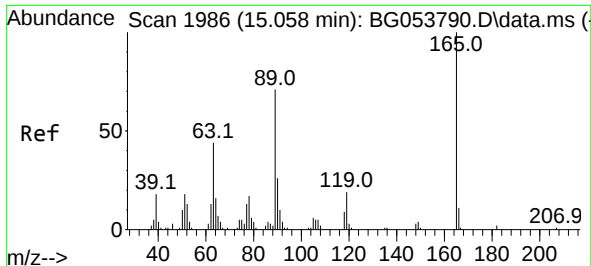
Tgt Ion: 65 Resp: 420
Ion Ratio Lower Upper
65 100
92 278.3 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.304 ng
RT: 14.713 min Scan# 1927
Delta R.T. 0.436 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion: 165 Resp: 10928
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: 11.141 ng

RT: 14.713 min Scan# 1986

Delta R.T. -0.345 min

Lab File: BG053814.D

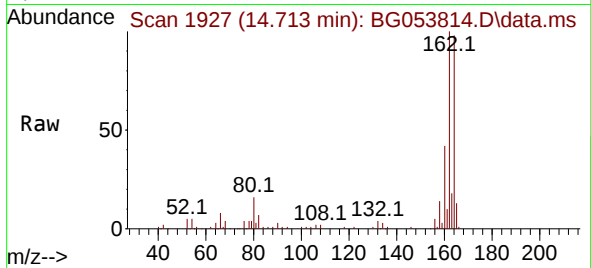
Acq: 3 Jun 2022 15:38

Instrument :

BNA_G

ClientSampleId :

NORTH-SW



Tgt Ion:165 Resp: 10928

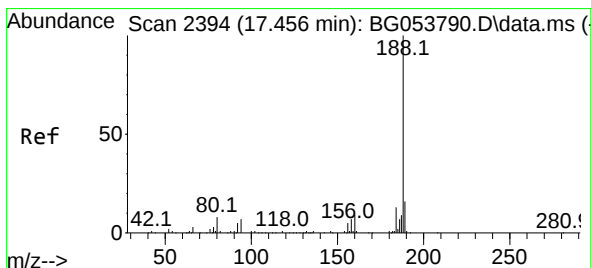
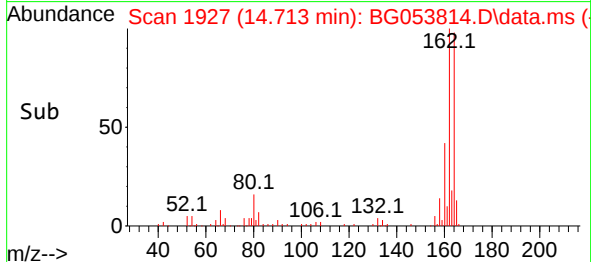
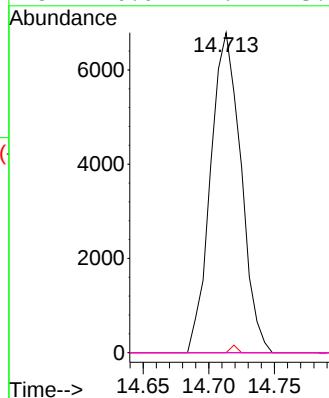
Ion Ratio Lower Upper

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: 17.457 min Scan# 2394

Delta R.T. 0.001 min

Lab File: BG053814.D

Acq: 3 Jun 2022 15:38

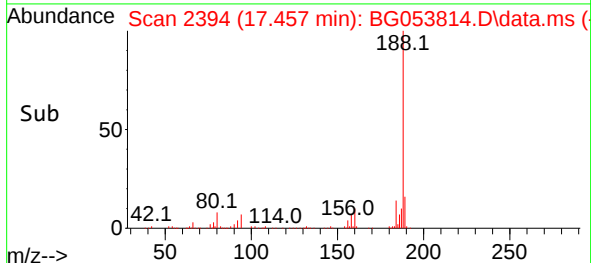
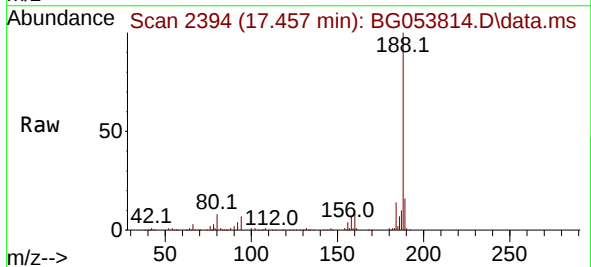
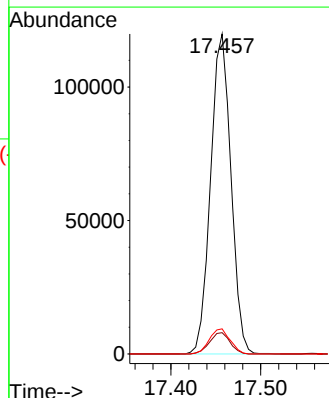
Tgt Ion:188 Resp: 188620

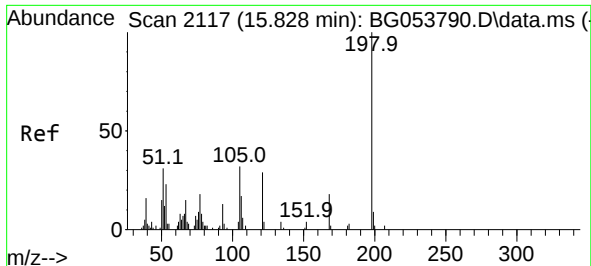
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.9 6.8 10.2

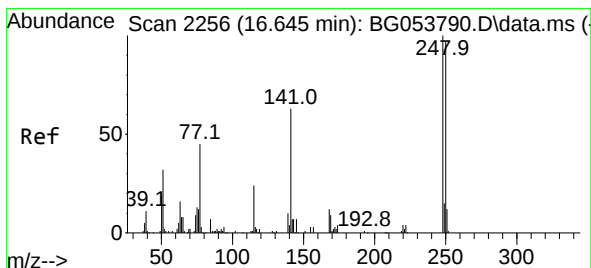
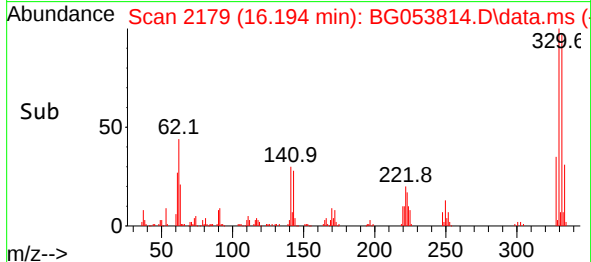
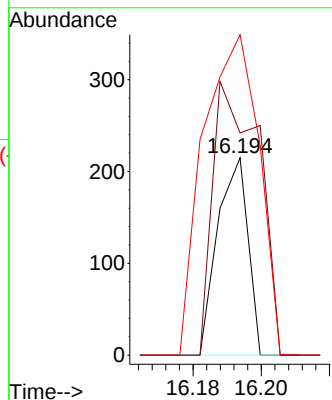
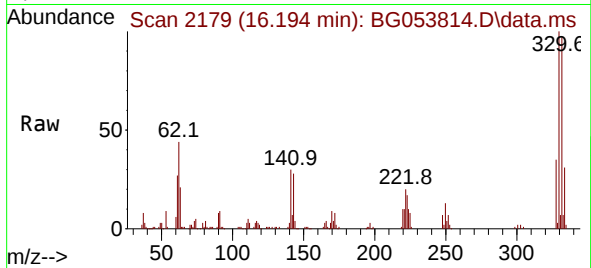




#65
4,6-Dinitro-2-methylphenol
Concen: 5.764 ng
RT: 16.194 min Scan# 2117
Delta R.T. 0.366 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

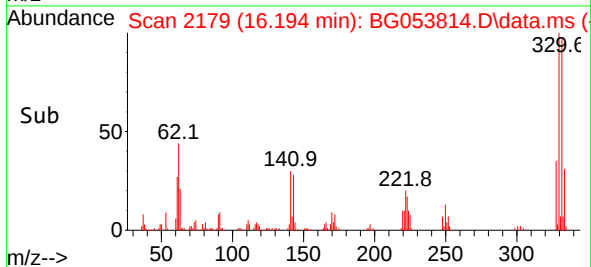
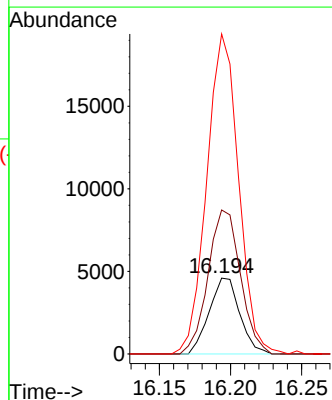
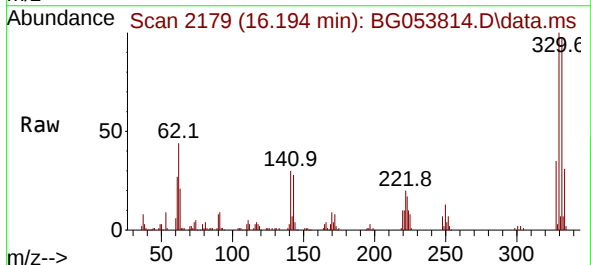
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

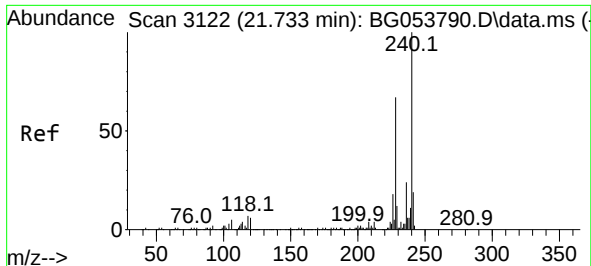
Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 112.6 28.1 68.1#
105 162.3 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.358 ng
RT: 16.194 min Scan# 2179
Delta R.T. -0.451 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion:248 Resp: 6882
Ion Ratio Lower Upper
248 100
250 192.7 75.2 112.8#
141 333.5 50.0 75.0#

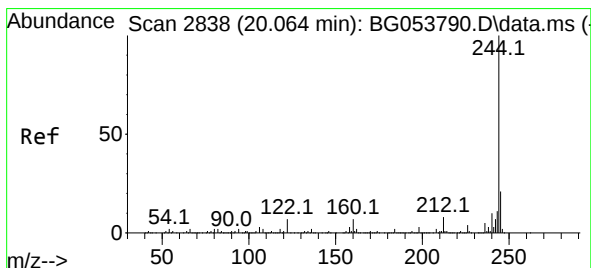
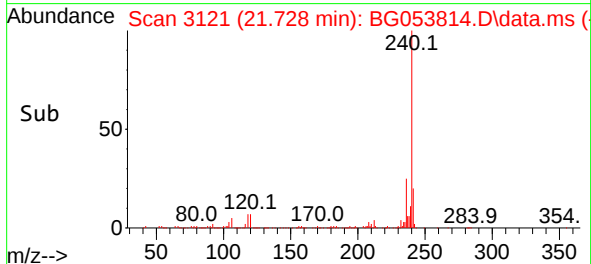
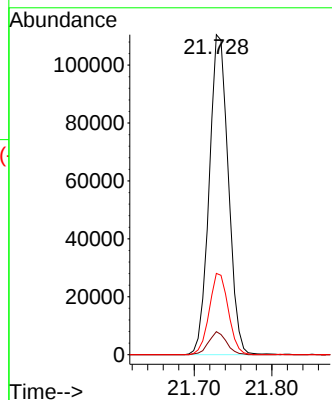
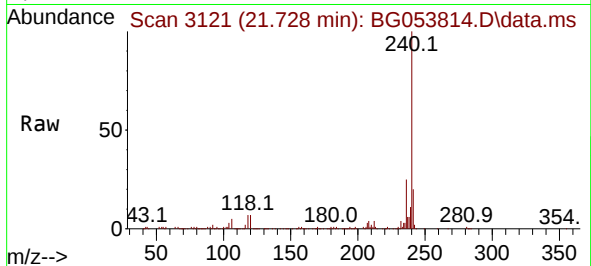




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

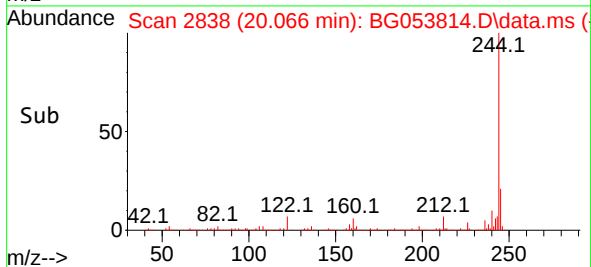
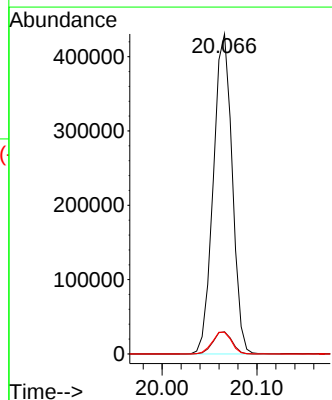
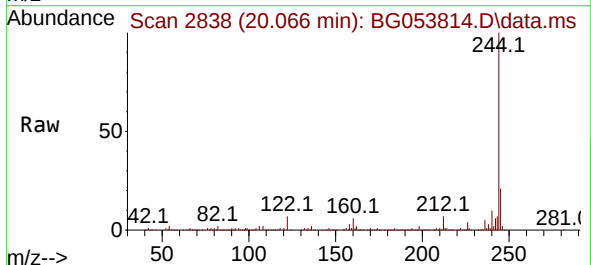
Instrument :
BNA_G
ClientSampleId :
NORTH-SW

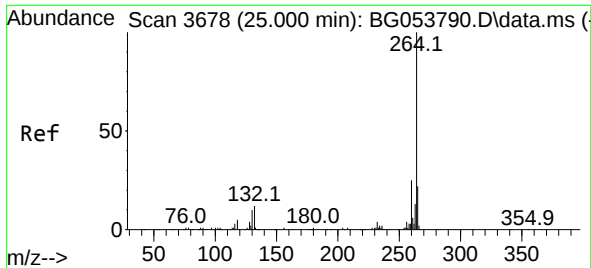
Tgt Ion:240 Resp: 189093
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 25.4 20.2 30.4



#79
Terphenyl-d14
Concen: 62.528 ng
RT: 20.066 min Scan# 2838
Delta R.T. 0.002 min
Lab File: BG053814.D
Acq: 3 Jun 2022 15:38

Tgt Ion:244 Resp: 594327
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 6.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG053814.D

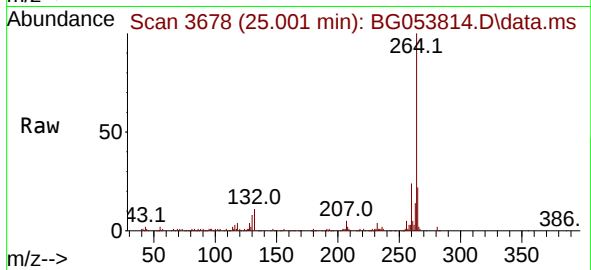
Acq: 3 Jun 2022 15:38

Instrument :

BNA_G

ClientSampleId :

NORTH-SW



Tgt Ion:264 Resp: 191016

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.2 17.4 26.2

