

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053829.D
 Acq On : 6 Jun 2022 15:06
 Operator : CG/JU
 Sample : N3025-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EAST-SW

Quant Time: Jun 07 04:18:49 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)

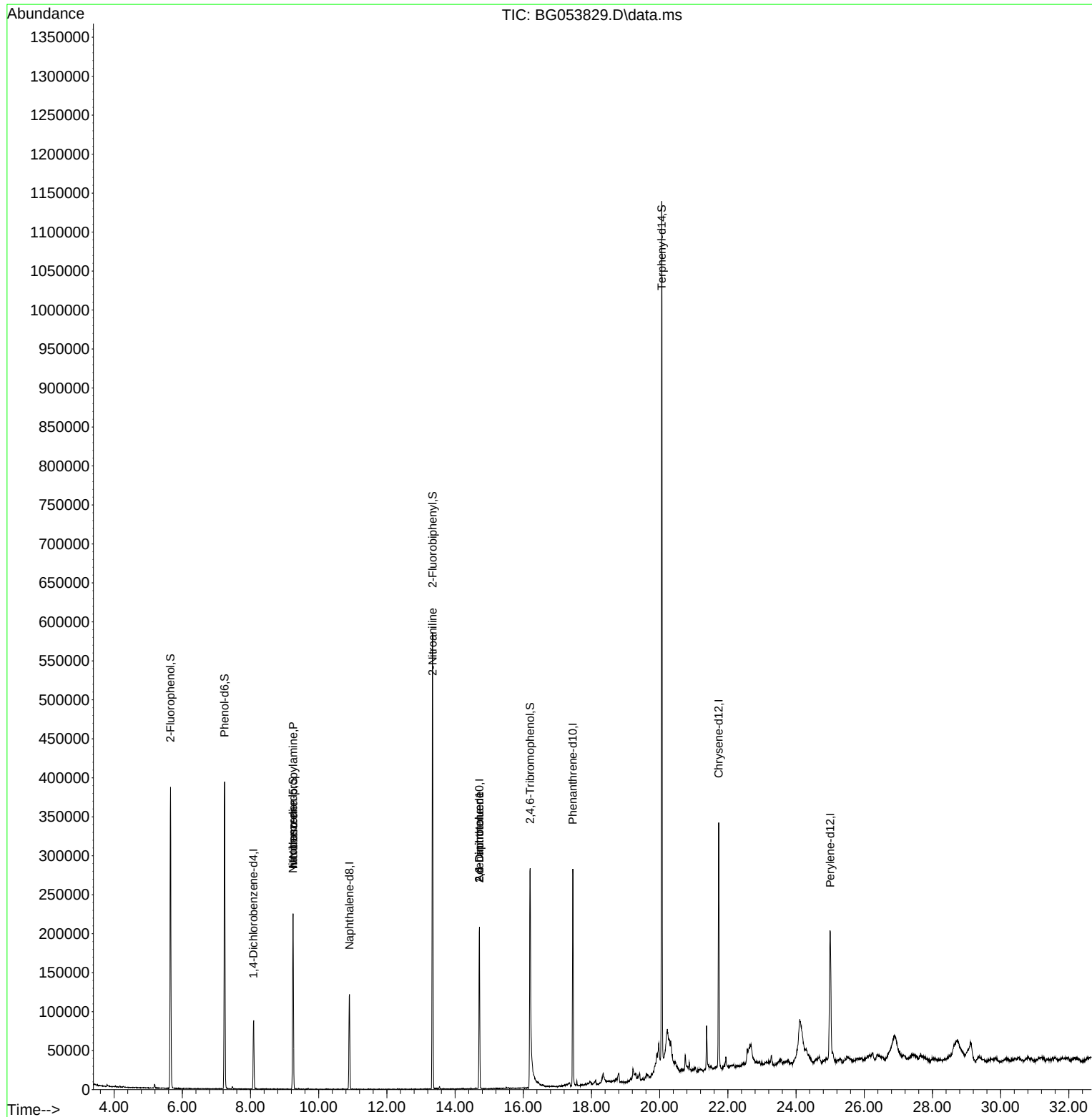
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26711	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	112592	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	81088	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	203844	20.000	ng	0.00
76) Chrysene-d12	21.731	240	210304	20.000	ng	0.00
86) Perylene-d12	25.004	264	209147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	181025	124.453	ng	0.00
7) Phenol-d6	7.242	99	237969	120.774	ng	0.00
23) Nitrobenzene-d5	9.246	82	140423	81.900	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	105930	107.620	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	340206	62.765	ng	0.00
79) Terphenyl-d14	20.062	244	606737	57.395	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.252	70	18744	13.432	ng	Qvalue
24) Nitrobenzene	9.252	77	333	3.135	ng	# 85
48) 2-Nitroaniline	13.347	65	456	5.398	ng	# 48
51) 2,6-Dinitrotoluene	14.716	165	11393	13.833	ng	# 1
57) 2,4-Dinitrotoluene	14.716	165	11393	11.527	ng	# 16
						# 21

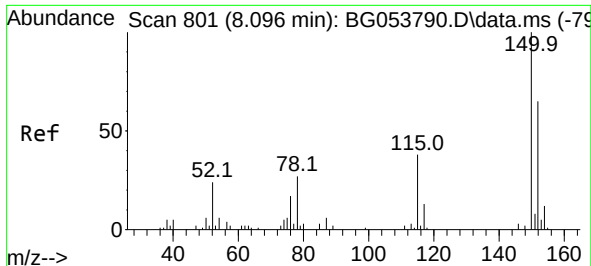
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
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Misc :
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BNA_G
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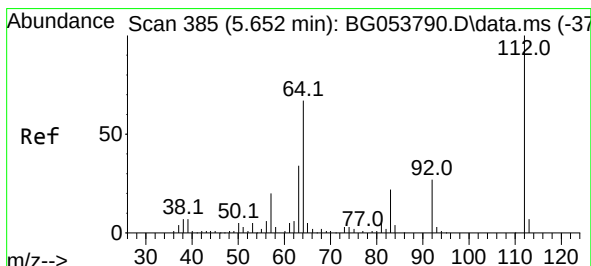
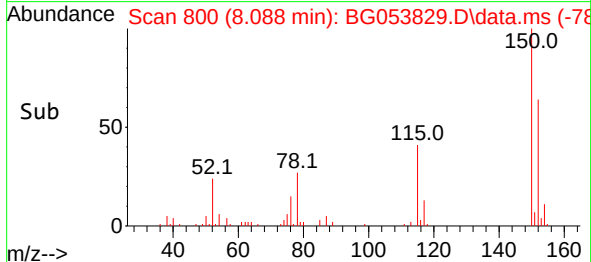
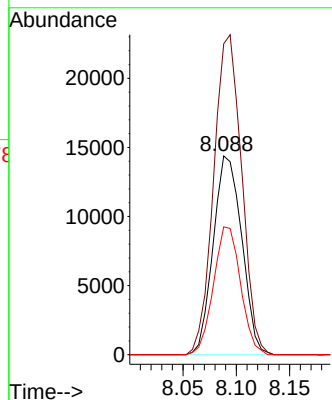
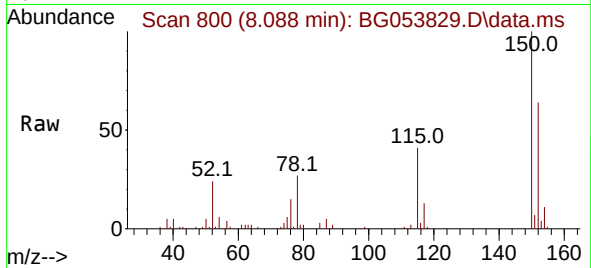




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

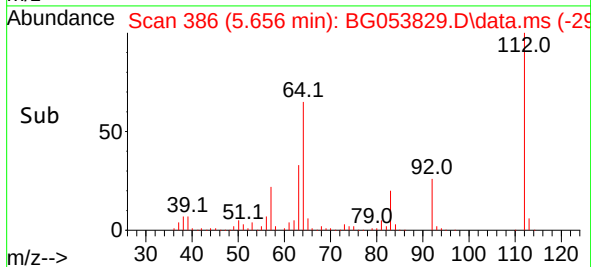
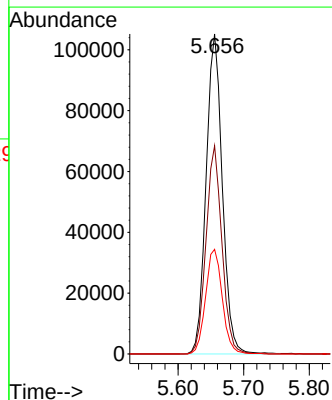
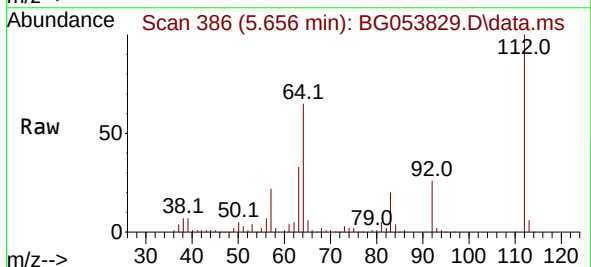
Instrument :
BNA_G
ClientSampleId :
EAST-SW

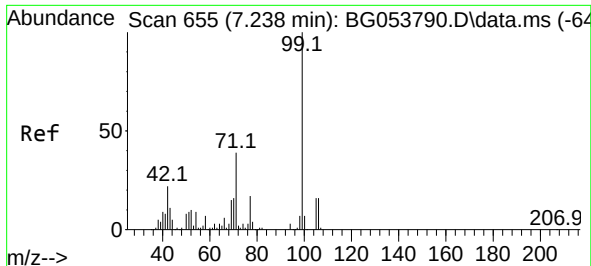
Tgt Ion:152 Resp: 26711
Ion Ratio Lower Upper
152 100
150 156.4 131.6 197.4
115 64.3 50.9 76.3



#5
2-Fluorophenol
Concen: 124.453 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion:112 Resp: 181025
Ion Ratio Lower Upper
112 100
64 65.1 55.1 82.7
63 32.7 30.4 45.6

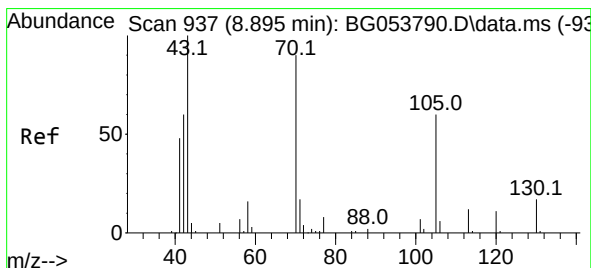
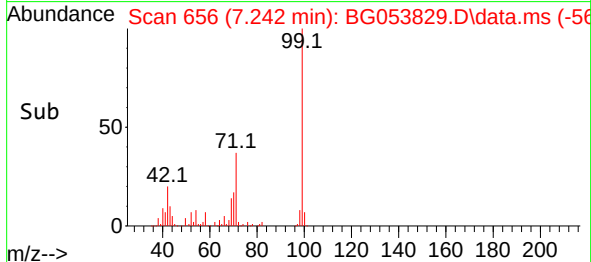
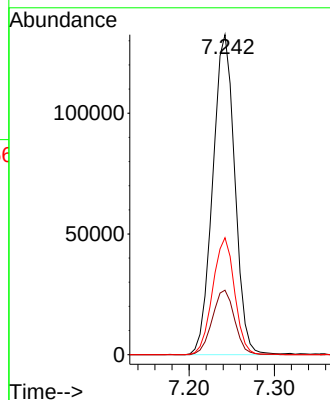
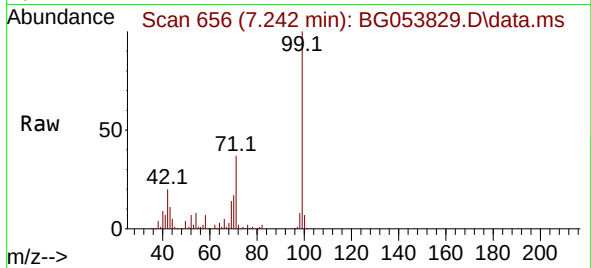




#7
Phenol-d6
Concen: 120.774 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

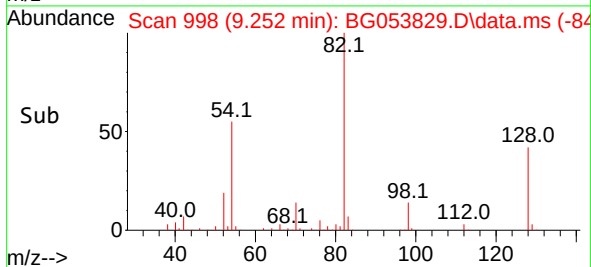
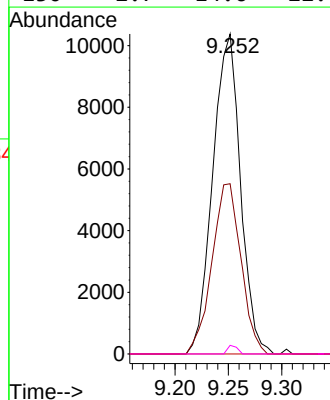
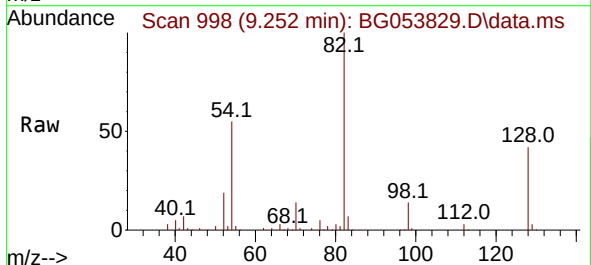
Instrument :
BNA_G
ClientSampleId :
EAST-SW

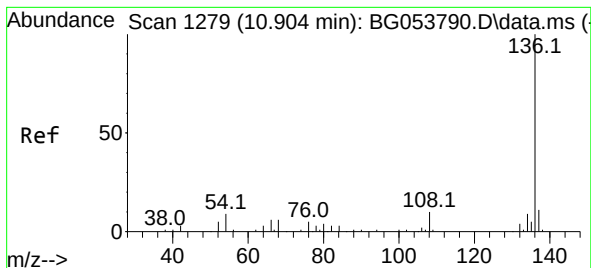
Tgt Ion: 99 Resp: 237969
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.432 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion: 70 Resp: 18744
Ion Ratio Lower Upper
70 100
42 53.2 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.903 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG053829.D

Acq: 6 Jun 2022 15:06

Instrument :

BNA_G

ClientSampleId :

EAST-SW

Tgt Ion:136 Resp: 112592

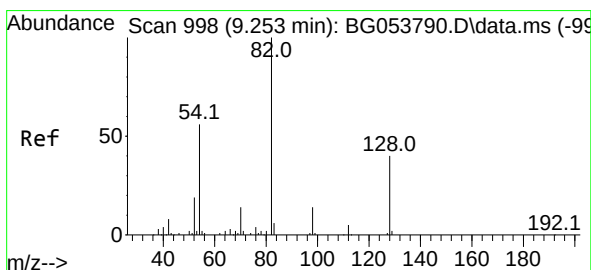
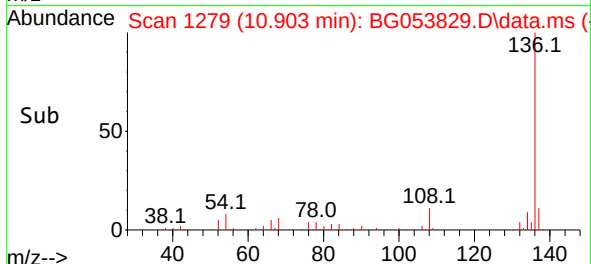
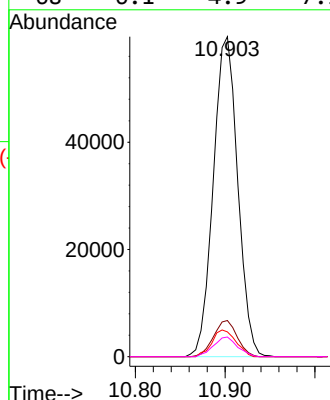
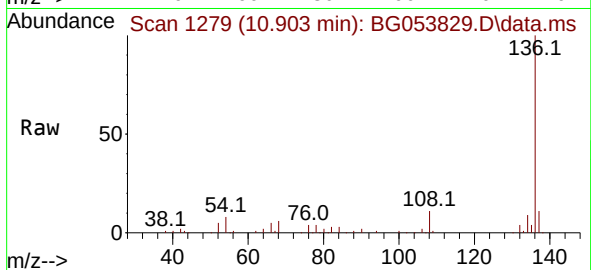
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 7.4 11.2

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.900 ng

RT: 9.246 min Scan# 997

Delta R.T. -0.007 min

Lab File: BG053829.D

Acq: 6 Jun 2022 15:06

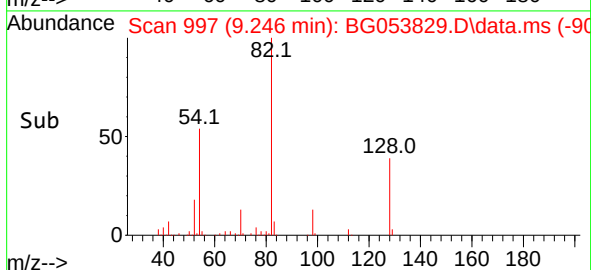
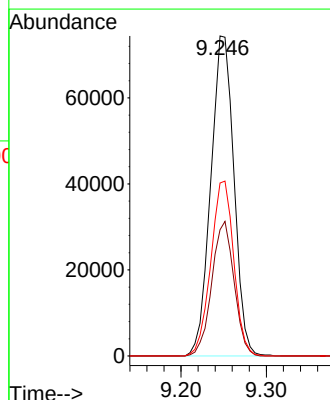
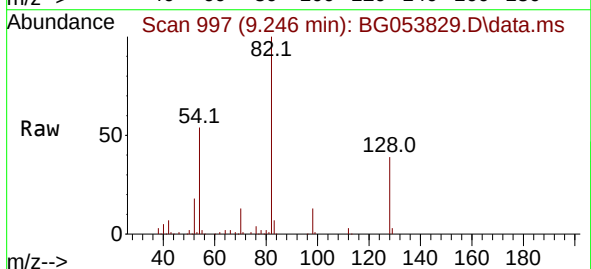
Tgt Ion: 82 Resp: 140423

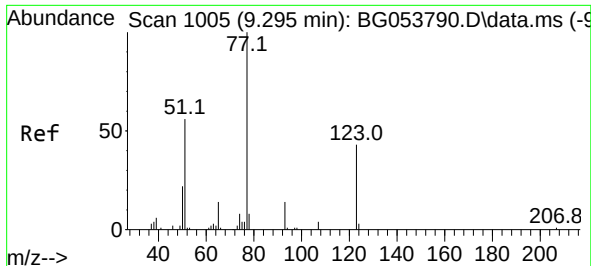
Ion Ratio Lower Upper

82 100

128 39.4 27.9 41.9

54 54.1 41.2 61.8

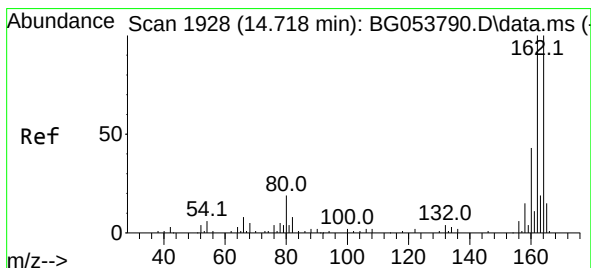
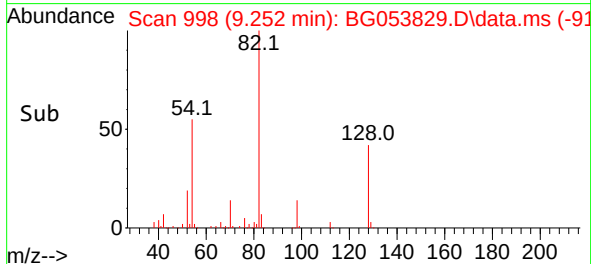
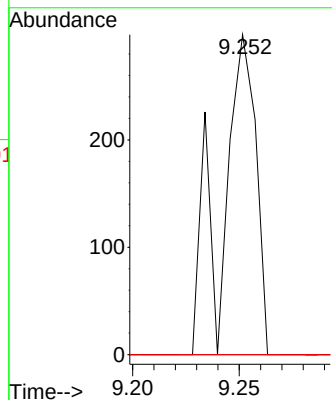
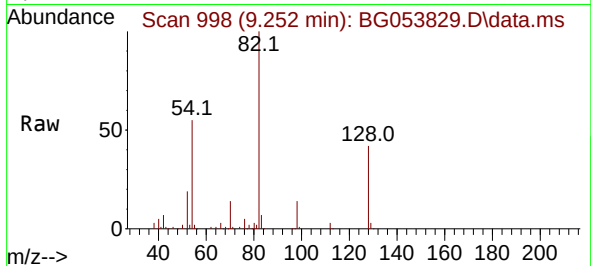




#24
Nitrobenzene
Concen: 3.135 ng
RT: 9.252 min Scan# 91
Delta R.T. -0.043 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

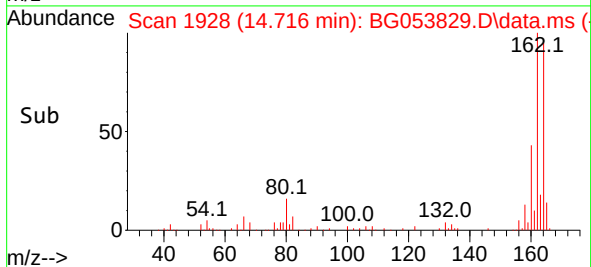
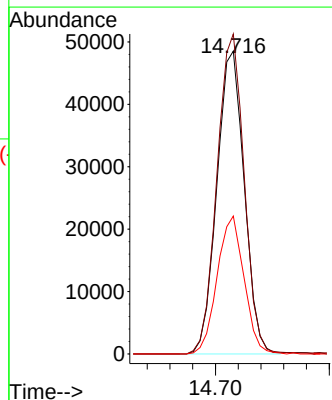
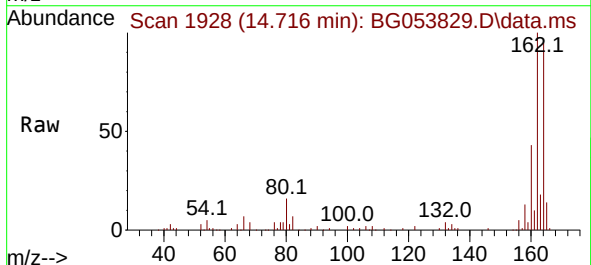
Instrument :
BNA_G
ClientSampleId :
EAST-SW

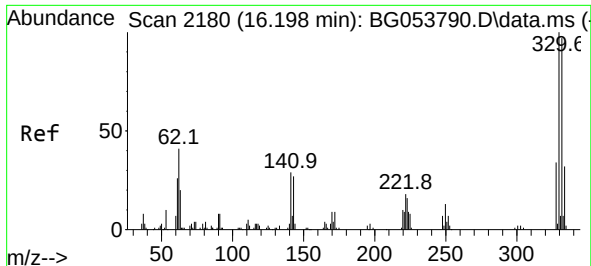
Tgt Ion: 77 Resp: 333
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion:164 Resp: 81088
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 45.5 34.2 51.2

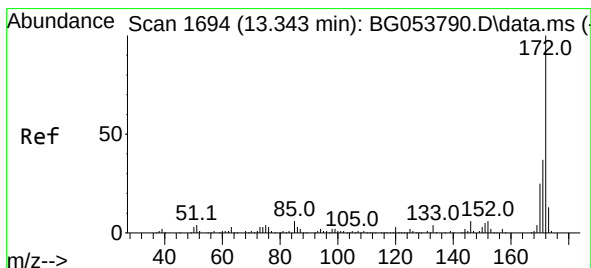
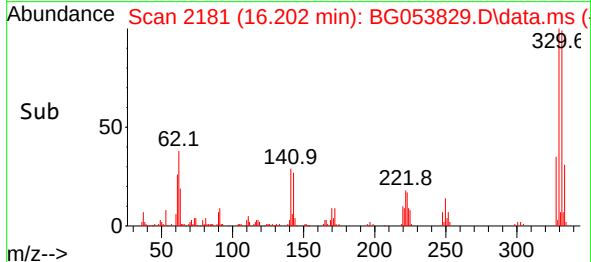
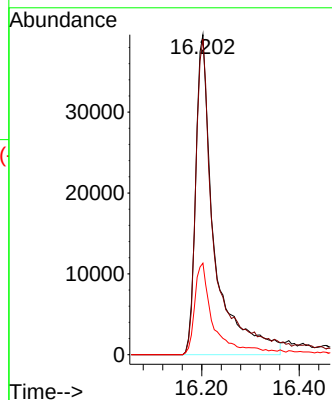
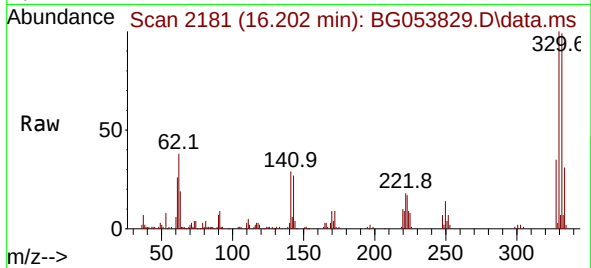




#42
2,4,6-Tribromophenol
Concen: 107.620 ng
RT: 16.202 min Scan# 2180
Delta R.T. 0.004 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

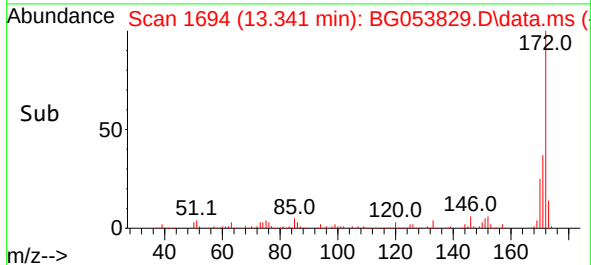
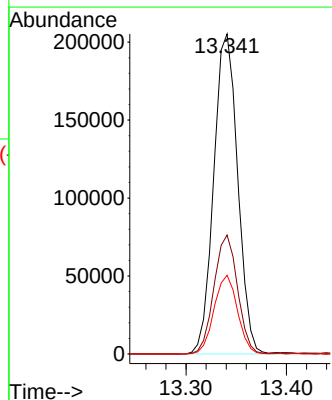
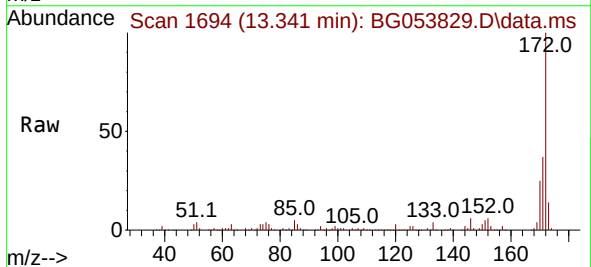
Instrument :
BNA_G
ClientSampleId :
EAST-SW

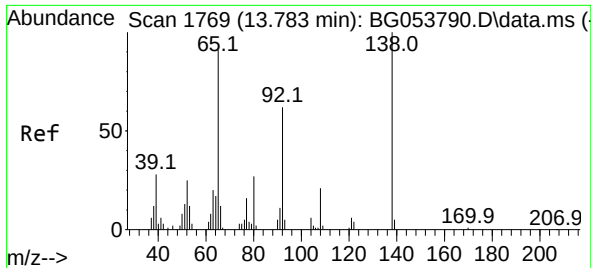
Tgt Ion:330 Resp: 105930
Ion Ratio Lower Upper
330 100
332 100.1 76.0 114.0
141 29.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 62.765 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion:172 Resp: 340206
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.6 18.9 28.3

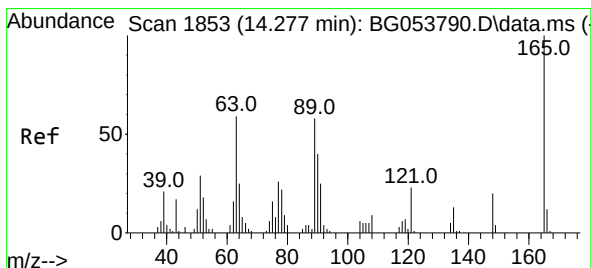
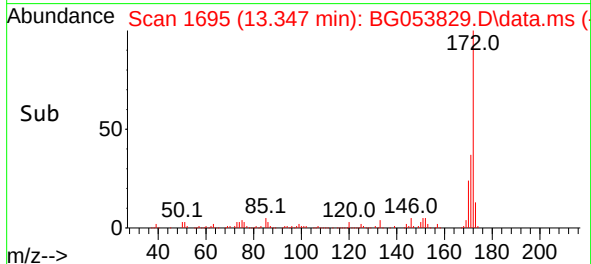
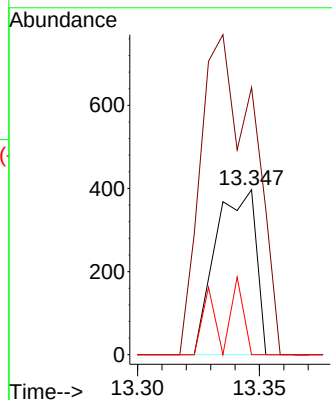
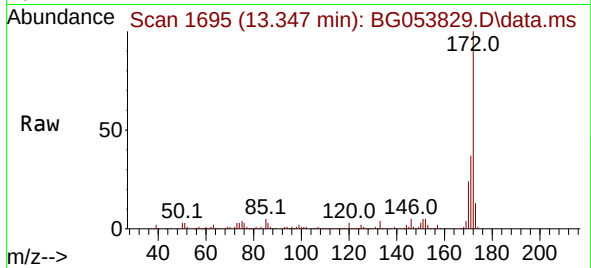




#48
2-Nitroaniline
Concen: 5.398 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.436 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

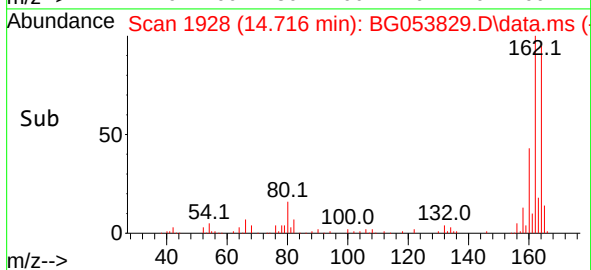
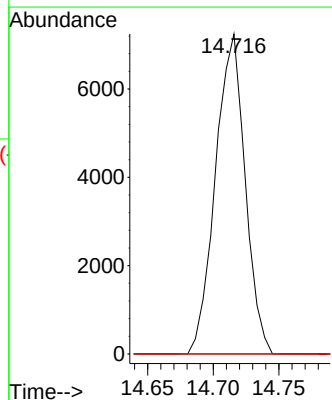
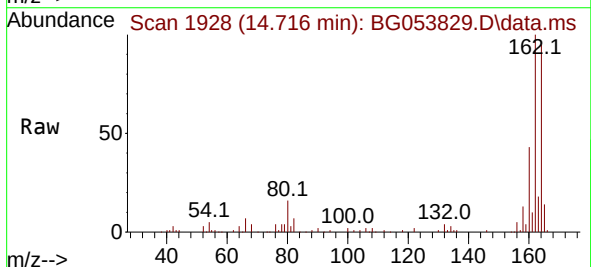
Instrument :
BNA_G
ClientSampleId :
EAST-SW

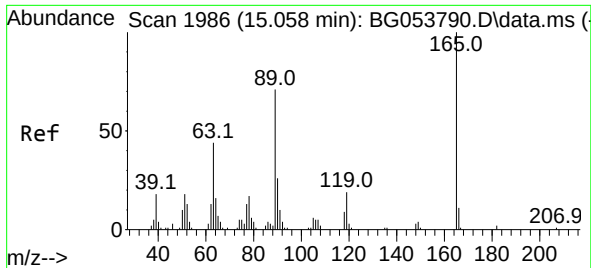
Tgt Ion: 65 Resp: 456
Ion Ratio Lower Upper
65 100
92 162.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.833 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.439 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion: 165 Resp: 11393
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

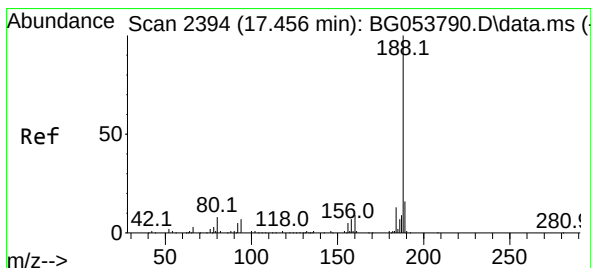
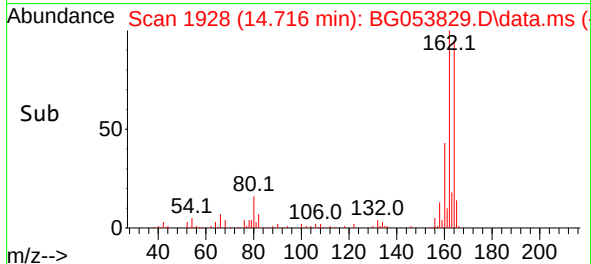
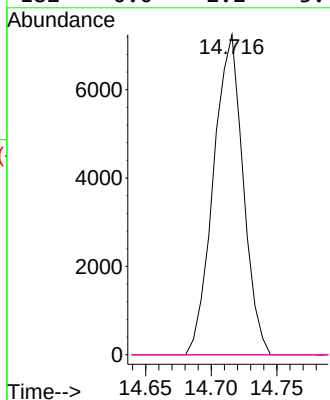
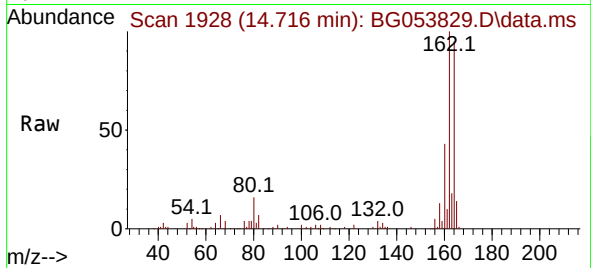




#57
2,4-Dinitrotoluene
Concen: 11.527 ng
RT: 14.716 min Scan# 1986
Delta R.T. -0.342 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

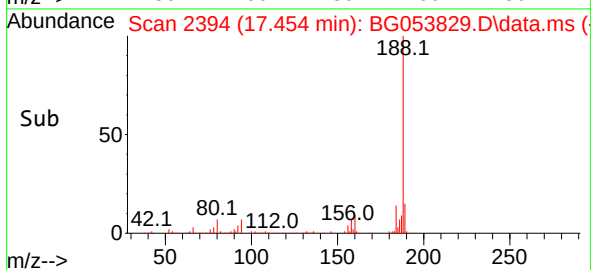
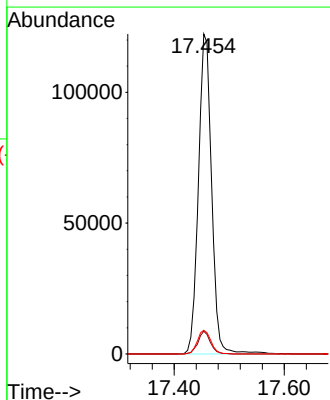
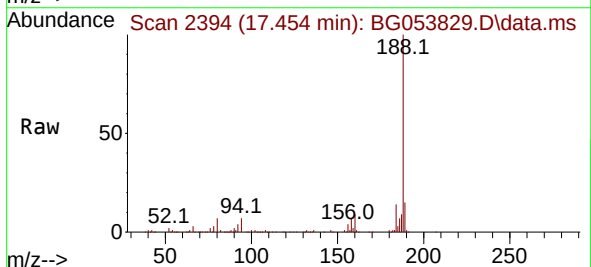
Instrument :
BNA_G
ClientSampleId :
EAST-SW

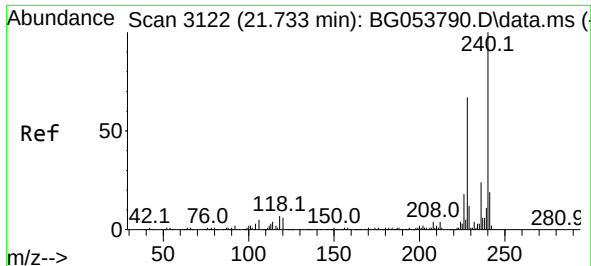
Tgt Ion:165 Resp: 11393
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion:188 Resp: 203844
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.4 6.8 10.2

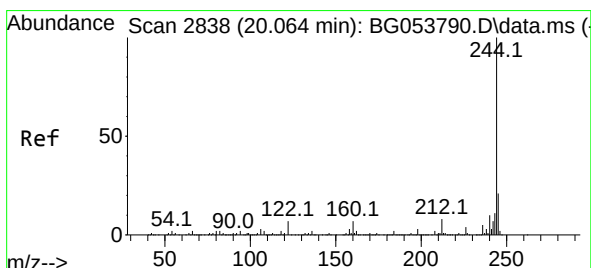
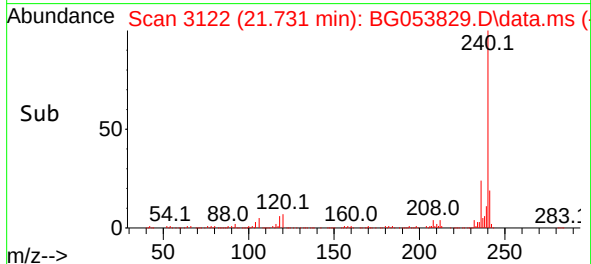
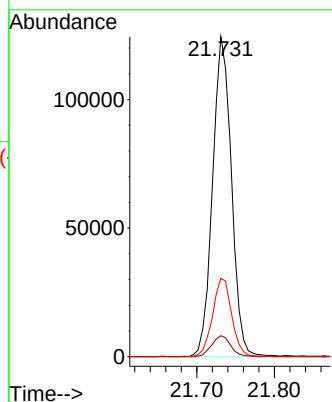
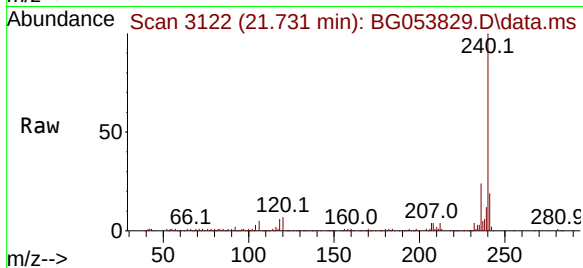




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

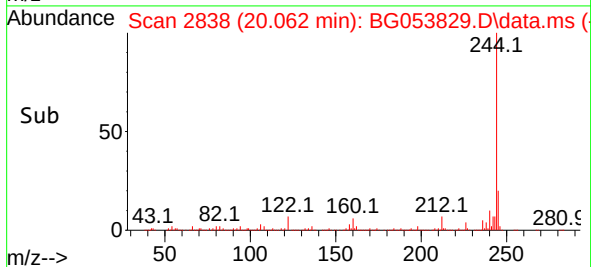
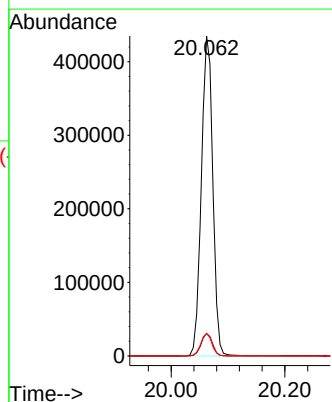
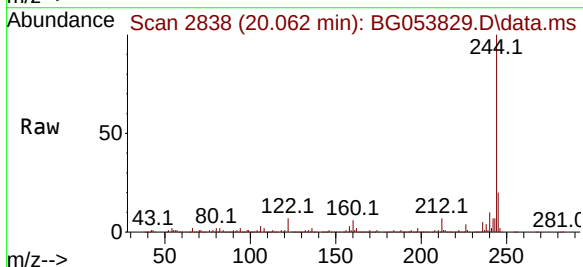
Instrument :
BNA_G
ClientSampleId :
EAST-SW

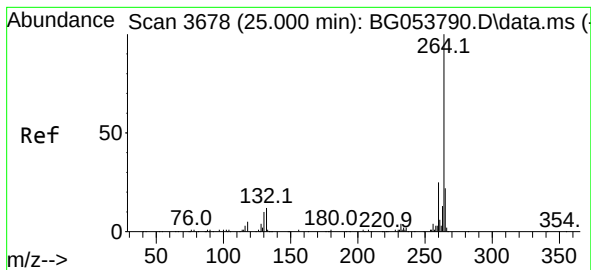
Tgt Ion:240 Resp: 210304
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 24.4 20.2 30.4



#79
Terphenyl-d14
Concen: 57.395 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053829.D
Acq: 6 Jun 2022 15:06

Tgt Ion:244 Resp: 606737
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 7.0 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG053829.D

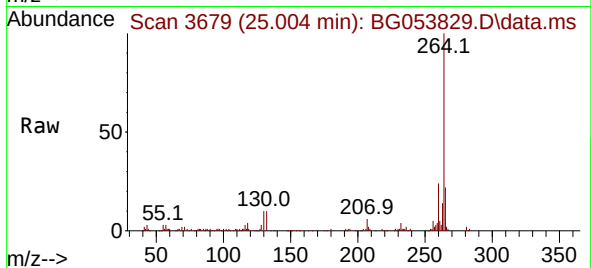
Acq: 6 Jun 2022 15:06

Instrument :

BNA_G

ClientSampleId :

EAST-SW



Tgt Ion:264 Resp: 209147

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.0 17.4 26.2

