

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053284.D
 Acq On : 23 Apr 2022 5:55
 Operator : CG/JU
 Sample : N2448-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW

Quant Time: Apr 24 01:18:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

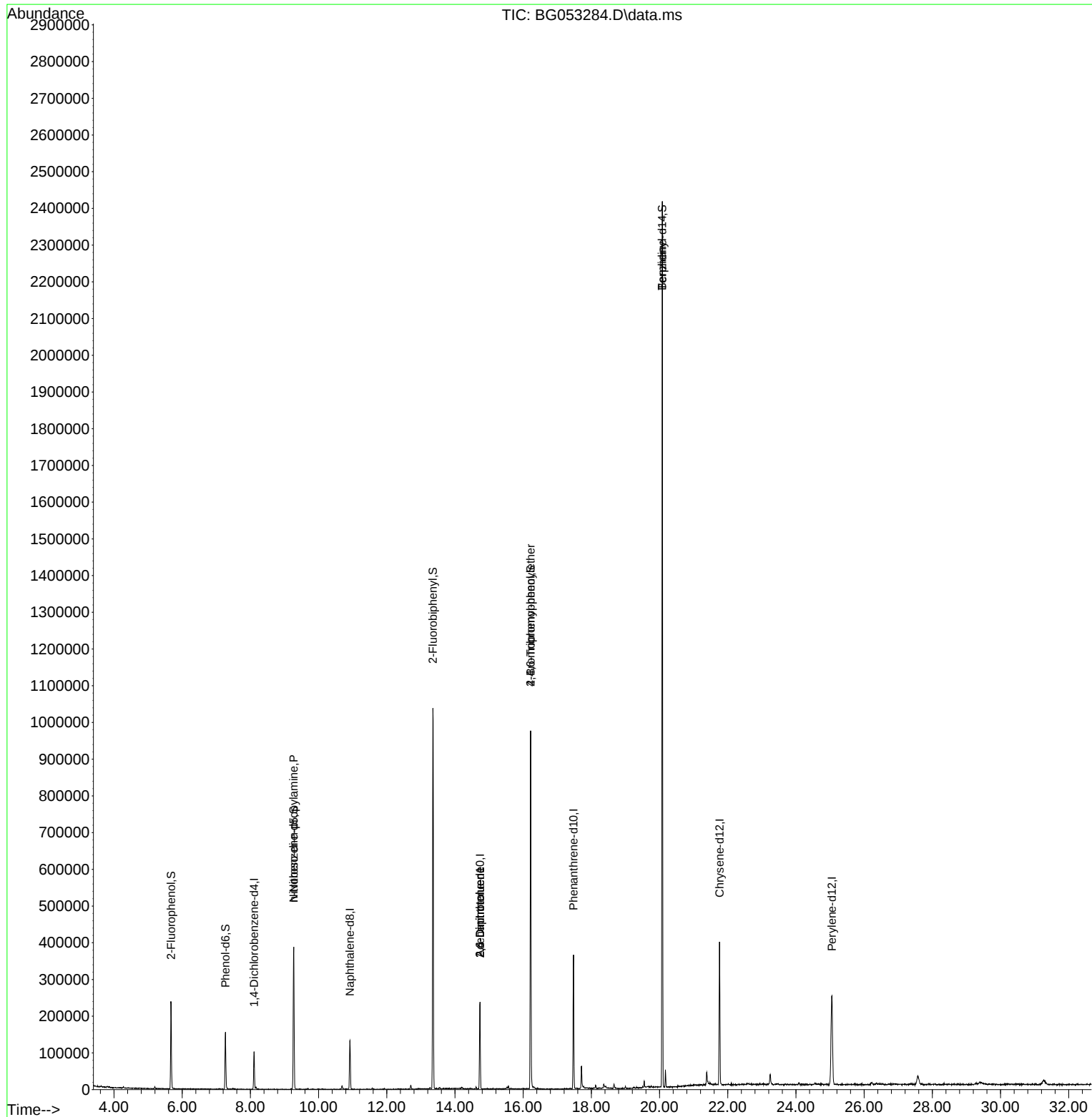
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	27324	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	113003	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	87409	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	234115	20.000	ng	0.00
76) Chrysene-d12	21.759	240	250913	20.000	ng	0.00
86) Perylene-d12	25.055	264	254548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	100853	63.271	ng	0.00
7) Phenol-d6	7.267	99	87088	35.429	ng	0.00
23) Nitrobenzene-d5	9.270	82	252225	90.628	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	194244	139.679	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	558915	88.171	ng	0.00
79) Terphenyl-d14	20.079	244	1217847	81.974	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.270	70	35666	19.819	ng	# 79
51) 2,6-Dinitrotoluene	14.733	165	11480	7.871	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	11480	5.529	ng	# 22
67) 4-Bromophenyl-phenylether	16.219	248	13045	4.349	ng	# 1
77) Benzidine	20.079	184	21420	2.992	ng	# 92

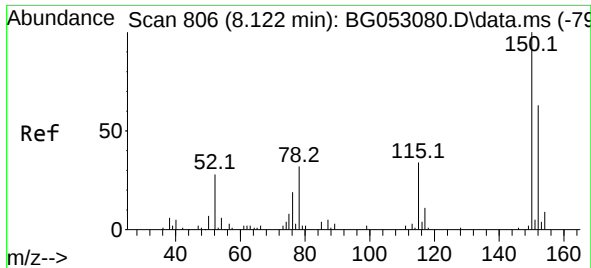
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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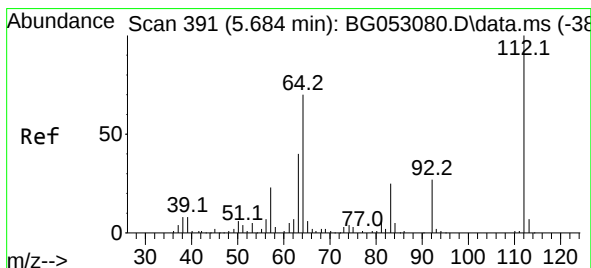
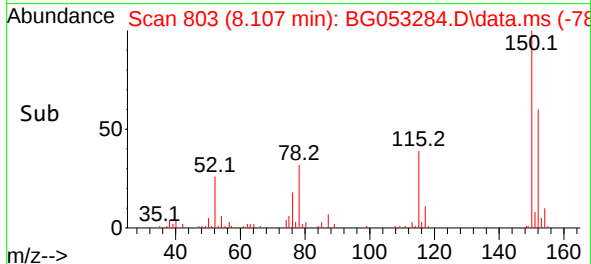
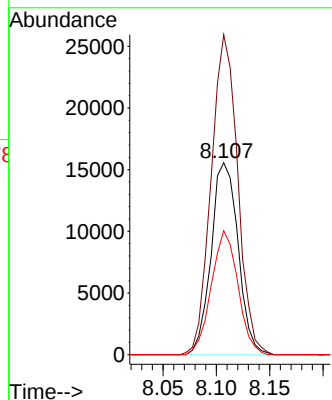
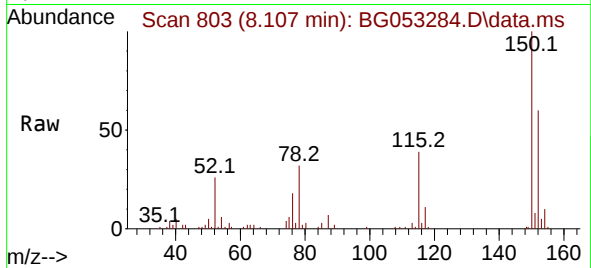




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

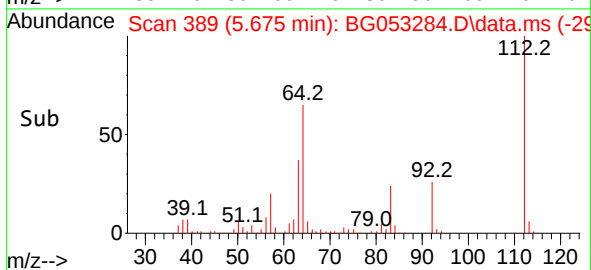
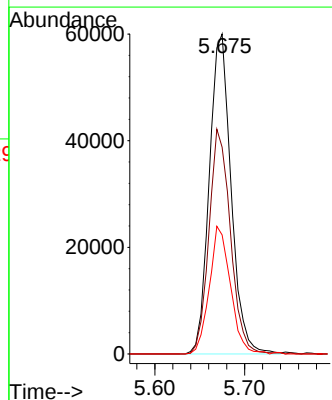
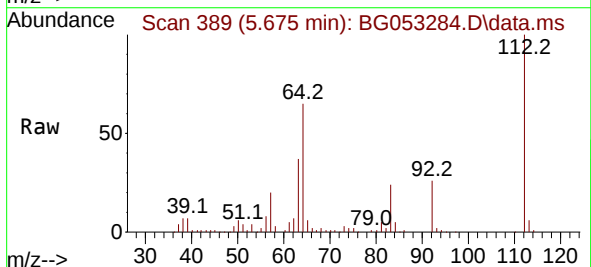
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW

Tgt Ion:152 Resp: 27324
Ion Ratio Lower Upper
152 100
150 166.7 114.6 172.0
115 64.6 45.9 68.9



#5
2-Fluorophenol
Concen: 63.271 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

Tgt Ion:112 Resp: 100853
Ion Ratio Lower Upper
112 100
64 64.6 48.0 72.0
63 37.2 26.5 39.7

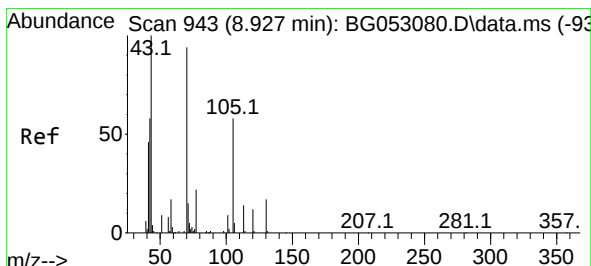
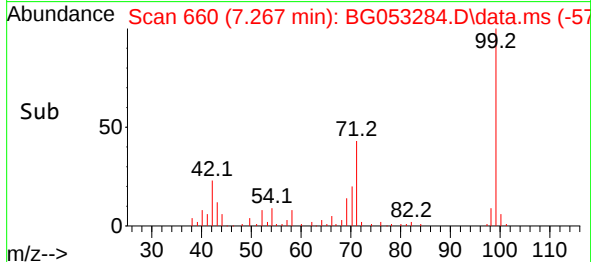
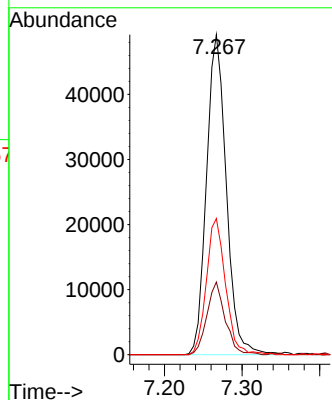
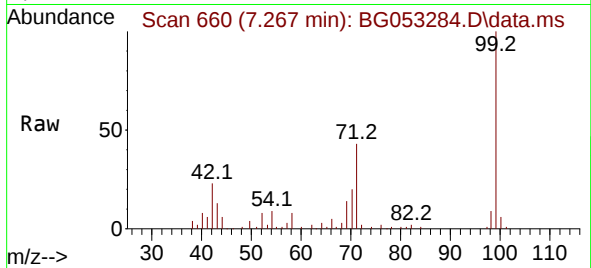




#7
Phenol-d6
Concen: 35.429 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

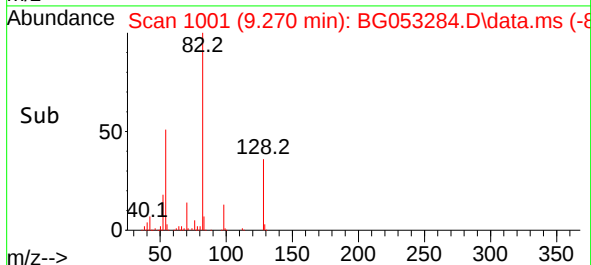
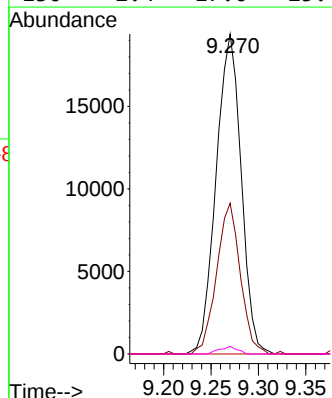
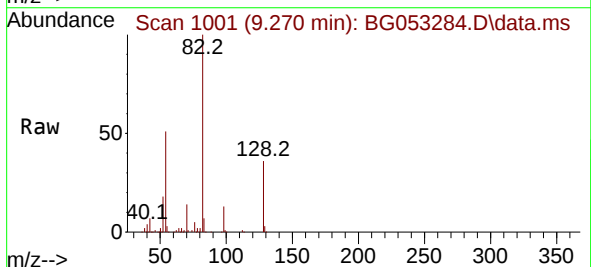
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW

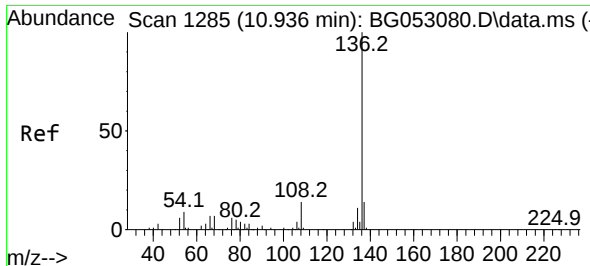
Tgt Ion: 99 Resp: 87088
Ion Ratio Lower Upper
99 100
42 22.7 14.7 22.1#
71 42.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.819 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

Tgt Ion: 70 Resp: 35666
Ion Ratio Lower Upper
70 100
42 47.1 46.0 69.0
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

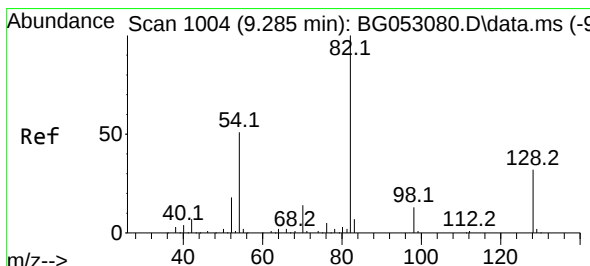
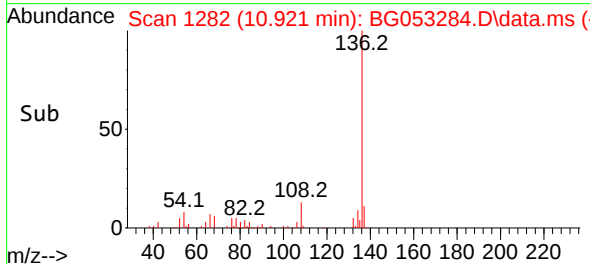
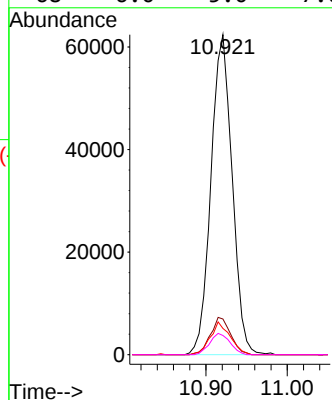
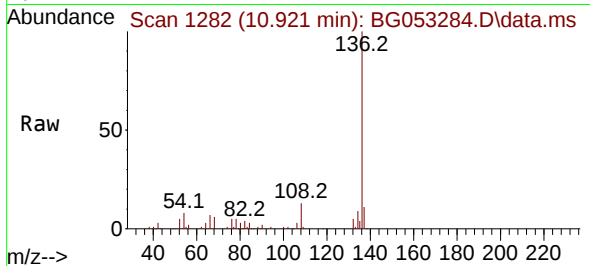




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

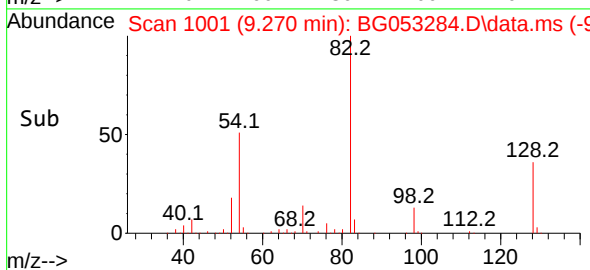
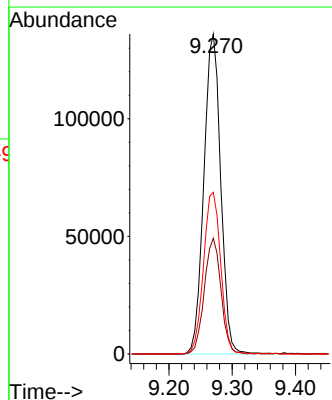
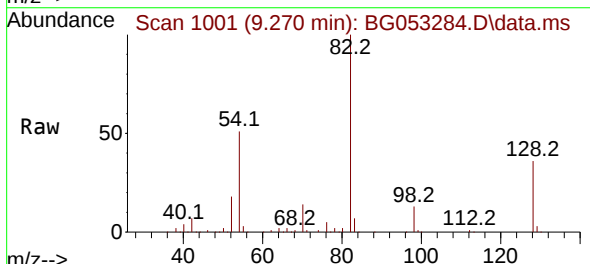
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW

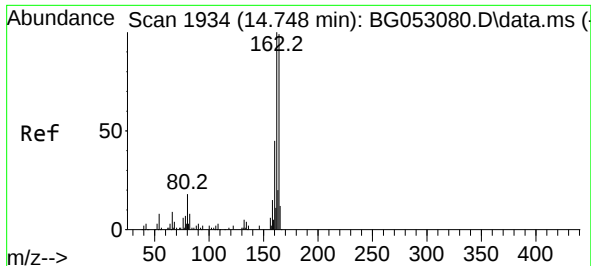
Tgt Ion:136	Resp:	113003
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.4 14.2
54	8.2	6.4 9.6
68	6.0	5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.628 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

Tgt Ion: 82	Resp:	252225
Ion Ratio	Lower	Upper
82	100	
128	36.1	31.3 46.9
54	50.5	37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.001 min

Lab File: BG053284.D

Acq: 23 Apr 2022 5:55

Instrument :

BNA_G

ClientSampleId :

E14ST-B6-041522-GW

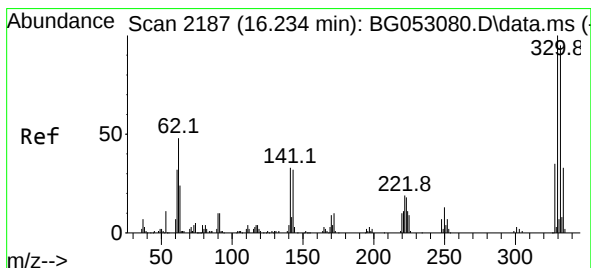
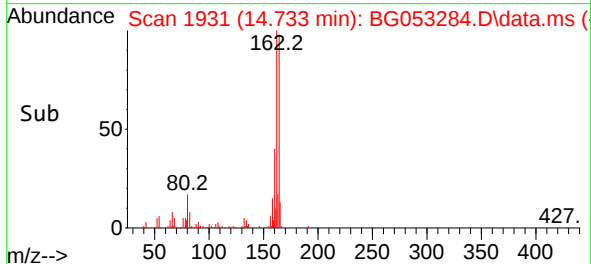
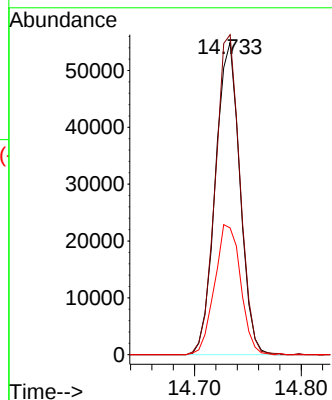
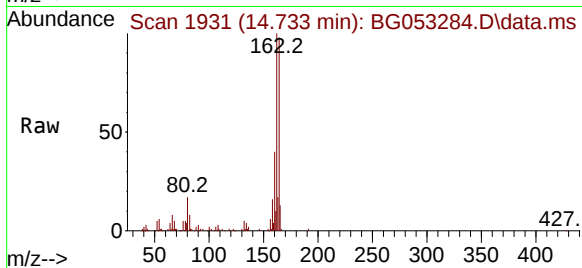
Tgt Ion:164 Resp: 87409

Ion Ratio Lower Upper

164 100

162 102.5 80.0 120.0

160 40.6 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 139.679 ng

RT: 16.219 min Scan# 2184

Delta R.T. -0.007 min

Lab File: BG053284.D

Acq: 23 Apr 2022 5:55

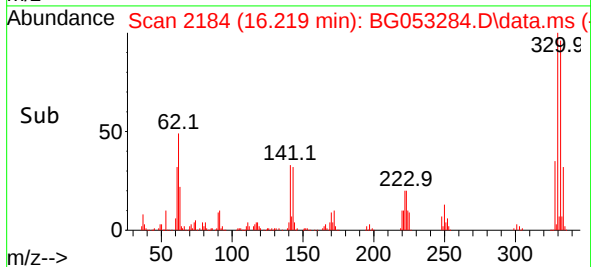
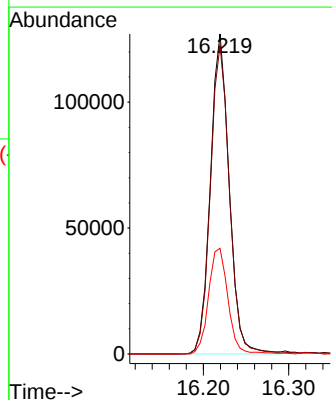
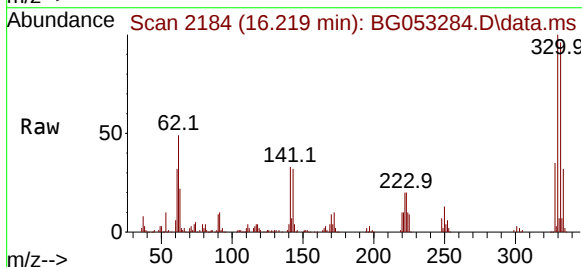
Tgt Ion:330 Resp: 194244

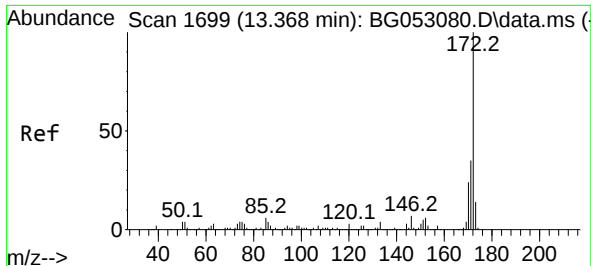
Ion Ratio Lower Upper

330 100

332 97.9 75.8 113.6

141 34.1 24.6 36.8

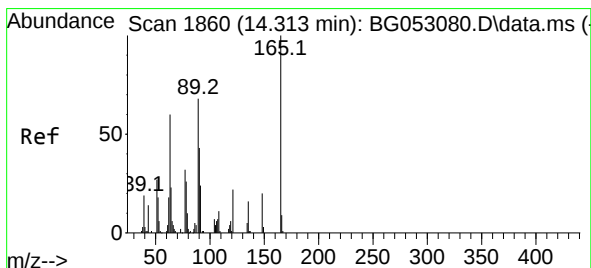
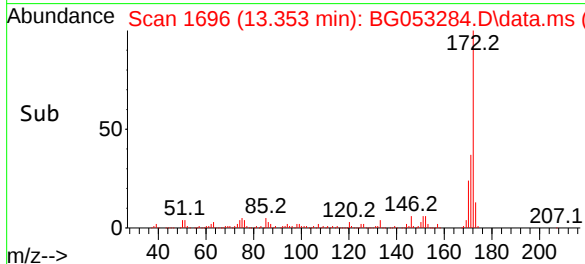
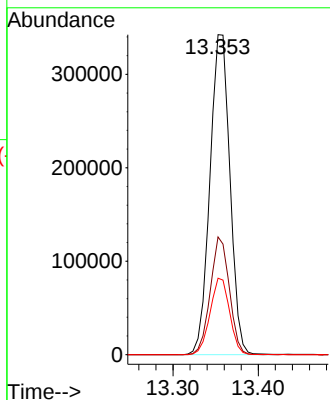
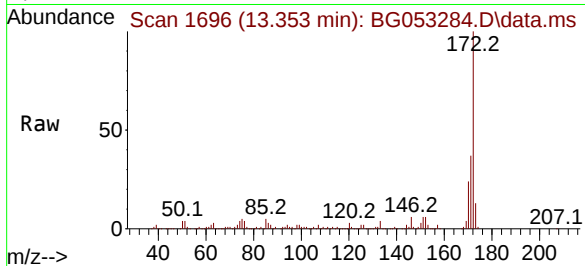




#45
2-Fluorobiphenyl
Concen: 88.171 ng
RT: 13.353 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

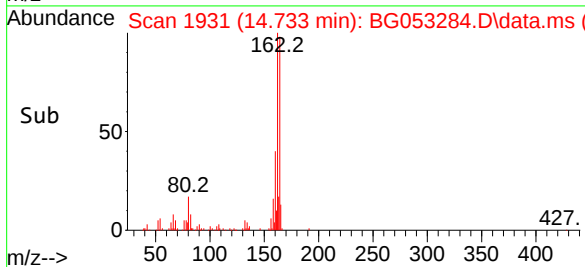
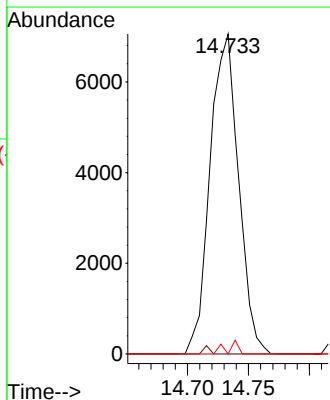
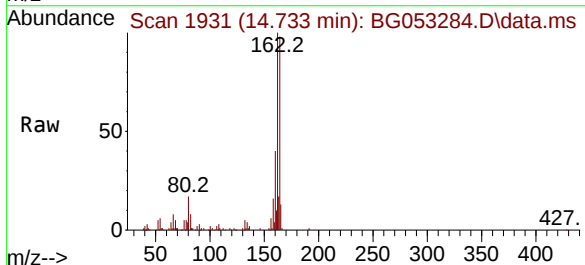
Instrument :
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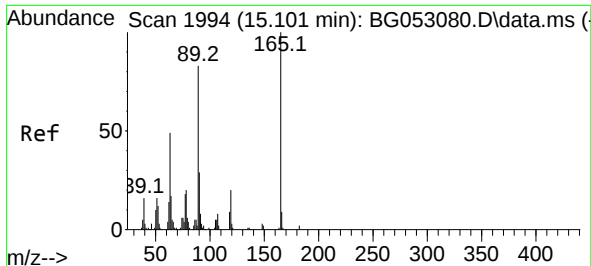
Tgt Ion:172 Resp: 558915
Ion Ratio Lower Upper
172 100
171 36.8 28.3 42.5
170 23.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.871 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.428 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

Tgt Ion:165 Resp: 11480
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.529 ng

RT: 14.733 min Scan# 1994

Delta R.T. -0.359 min

Lab File: BG053284.D

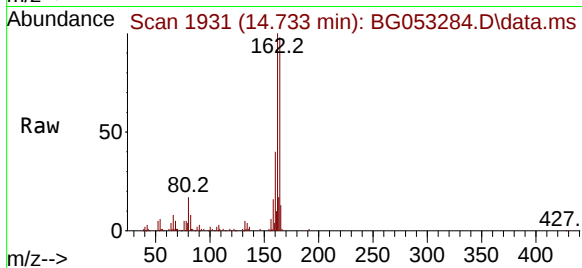
Acq: 23 Apr 2022 5:55

Instrument :

BNA_G

ClientSampleId :

E14ST-B6-041522-GW



Tgt Ion:165 Resp: 11480

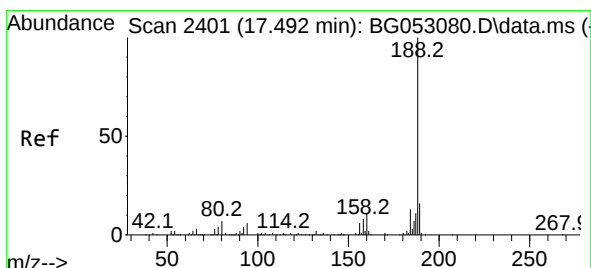
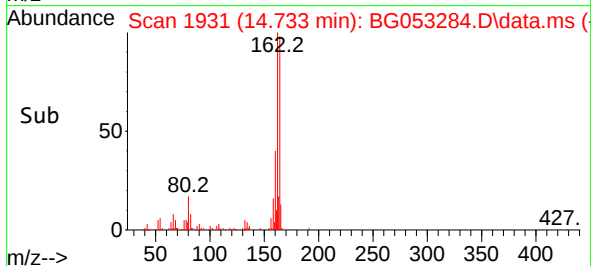
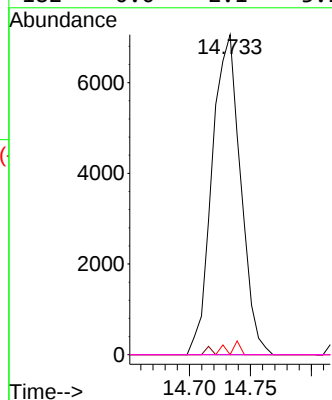
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.477 min Scan# 2398

Delta R.T. -0.007 min

Lab File: BG053284.D

Acq: 23 Apr 2022 5:55

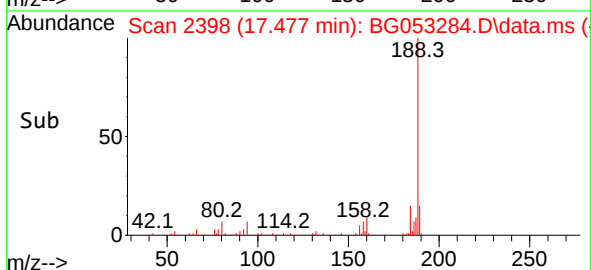
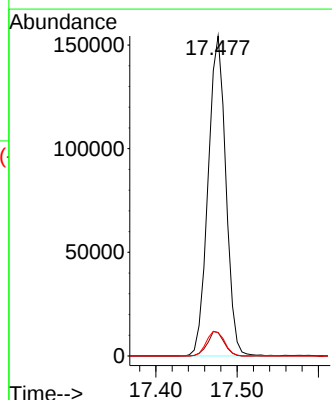
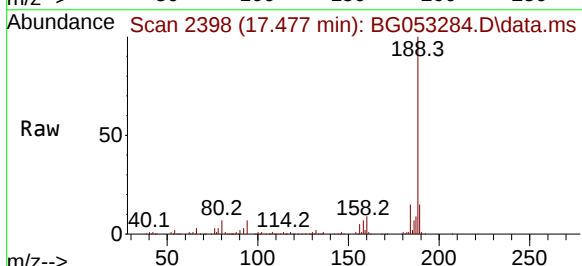
Tgt Ion:188 Resp: 234115

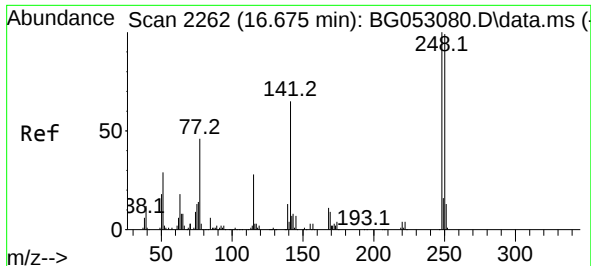
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 7.3 7.2 10.8

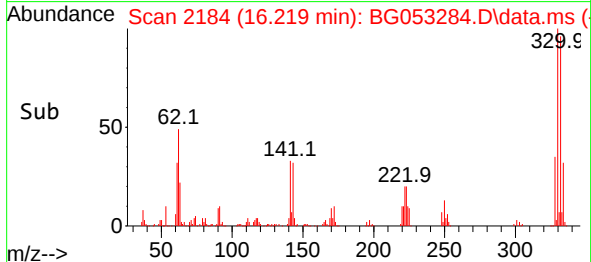
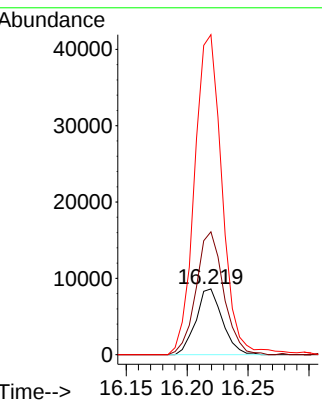
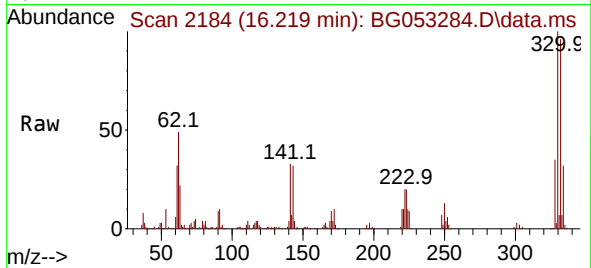




#67
4-Bromophenyl-phenylether
Concen: 4.349 ng
RT: 16.219 min Scan# 2118
Delta R.T. -0.441 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

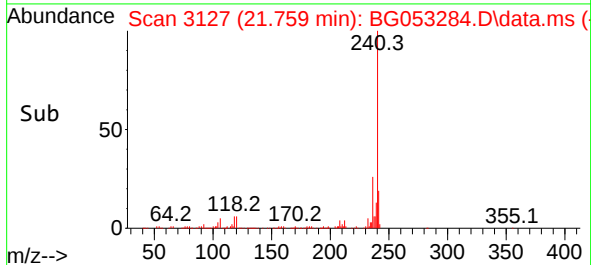
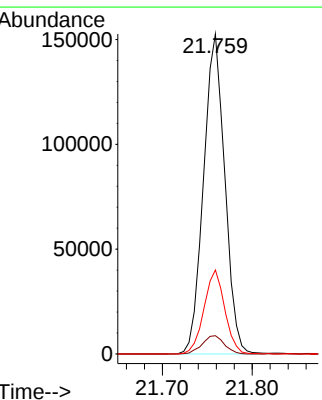
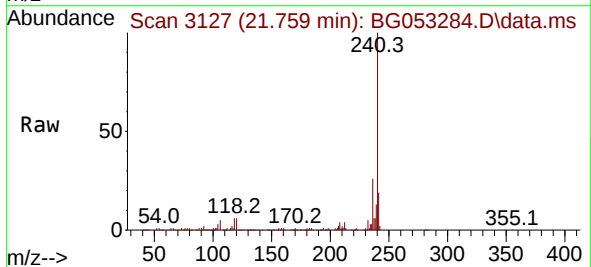
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW

Tgt Ion:248 Resp: 13045
Ion Ratio Lower Upper
248 100
250 186.6 77.9 116.9#
141 486.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

Tgt Ion:240 Resp: 250913
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 26.2 19.8 29.6

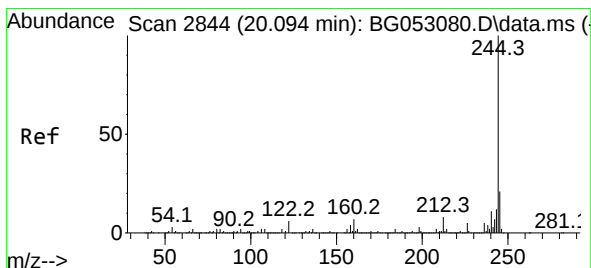
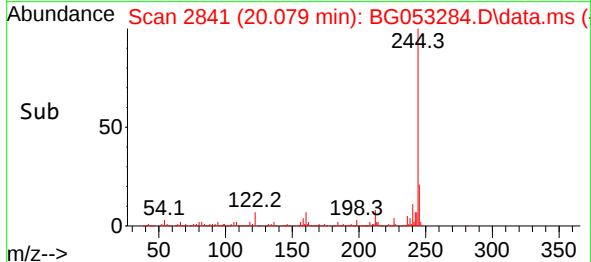
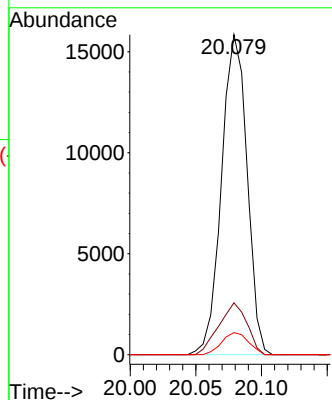
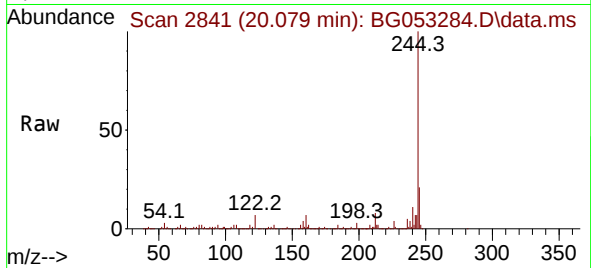




#77
Benzidine
Concen: 2.992 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.375 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

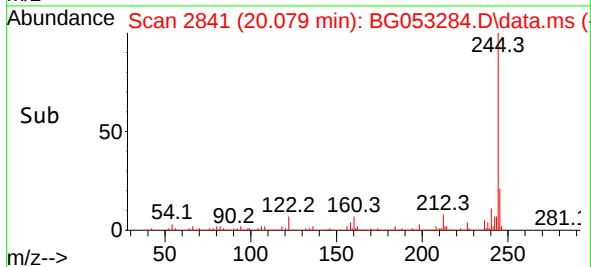
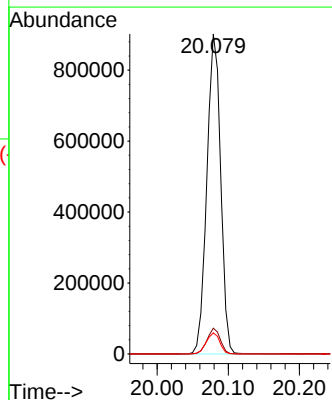
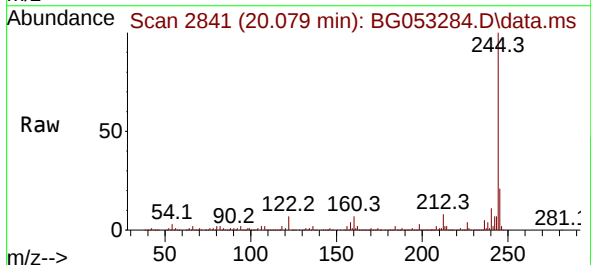
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW

Tgt Ion:184 Resp: 21420
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 81.974 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053284.D
Acq: 23 Apr 2022 5:55

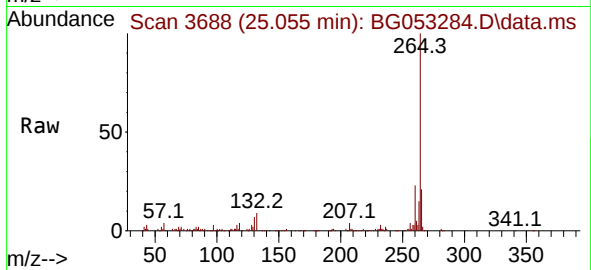
Tgt Ion:244 Resp: 1217847
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.6 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053284.D
 Acq: 23 Apr 2022 5:55

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW



Tgt Ion:	264	Resp:	254548
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	21.4	15.1	22.7

