

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053403.D
 Acq On : 2 May 2022 17:37
 Operator : CG/JU
 Sample : N2619-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB05-13-15-FT

Quant Time: May 03 06:43:10 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)

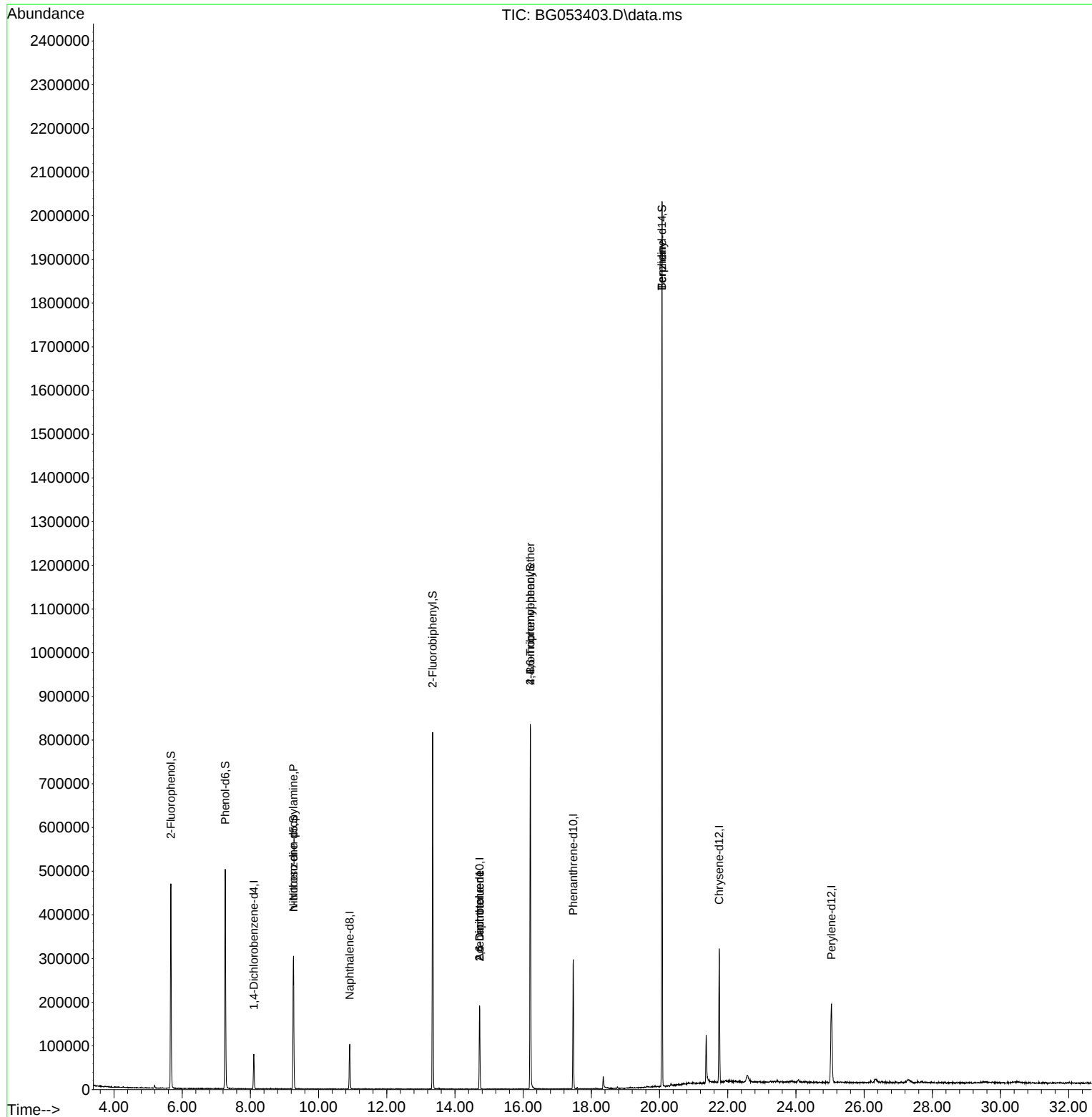
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	21677	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	89692	20.000	ng	0.00
39) Acenaphthene-d10	14.723	164	71243	20.000	ng	-0.01
64) Phenanthrene-d10	17.472	188	196304	20.000	ng	-0.01
76) Chrysene-d12	21.749	240	201675	20.000	ng	-0.02
86) Perylene-d12	25.044	264	205904	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	196517	155.403	ng	0.00
7) Phenol-d6	7.262	99	290234	148.831	ng	-0.01
23) Nitrobenzene-d5	9.266	82	197979	89.625	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	173125	152.742	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	443248	85.790	ng	-0.01
79) Terphenyl-d14	20.074	244	1027696	86.063	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	27597	19.330	ng	# 76
51) 2,6-Dinitrotoluene	14.723	165	8789	7.393	ng	# 24
57) 2,4-Dinitrotoluene	14.723	165	8789	5.193	ng	# 22
67) 4-Bromophenyl-phenylether	16.215	248	11360	4.516	ng	# 1
77) Benzidine	20.074	184	17098	2.971	ng	# 92

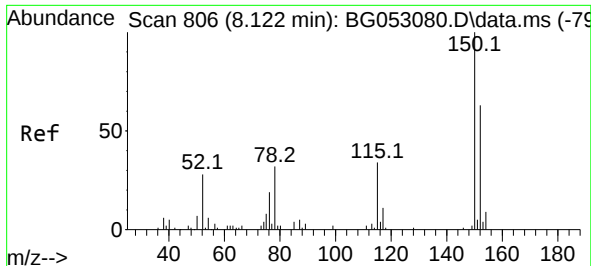
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053403.D
Acq On : 2 May 2022 17:37
Operator : CG/JU
Sample : N2619-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Quant Time: May 03 06:43:10 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

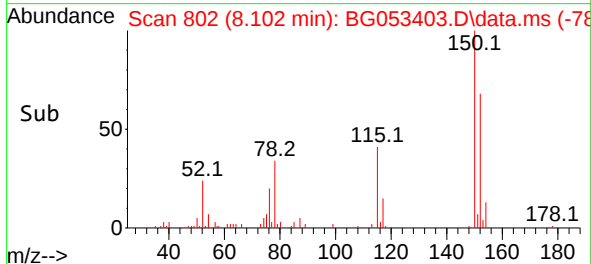
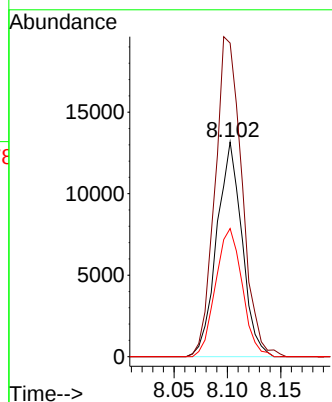
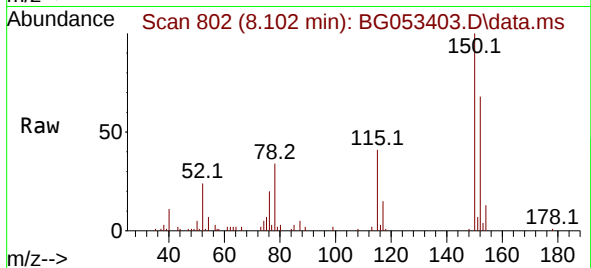




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

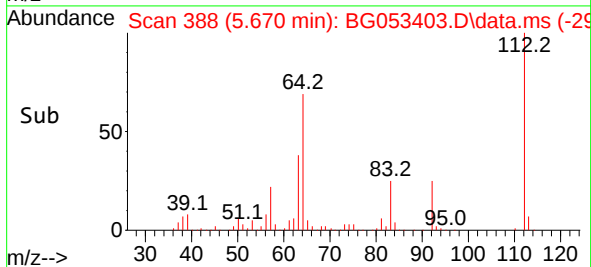
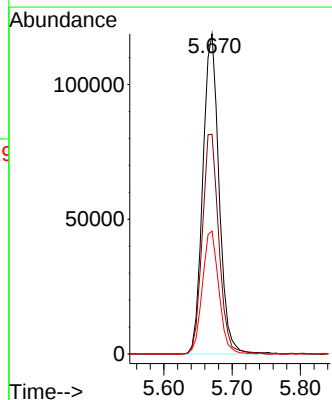
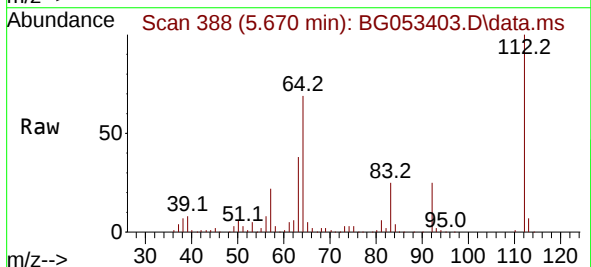
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:152 Resp: 21677
Ion Ratio Lower Upper
152 100
150 146.1 114.6 172.0
115 59.7 45.9 68.9



#5
2-Fluorophenol
Concen: 155.403 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion:112 Resp: 196517
Ion Ratio Lower Upper
112 100
64 68.7 48.0 72.0
63 38.4 26.5 39.7

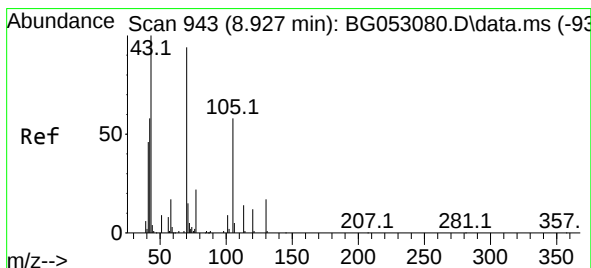
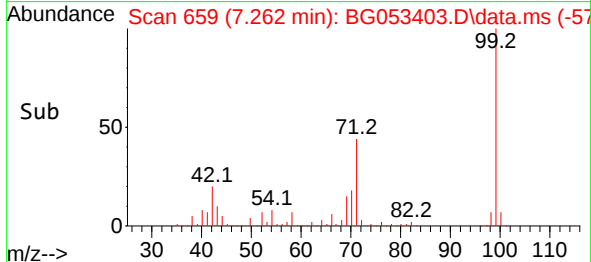
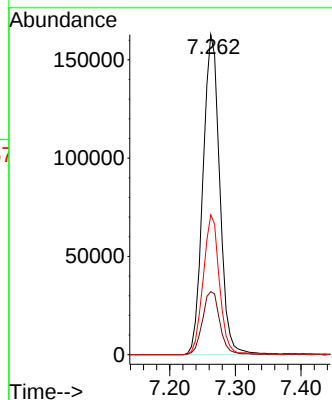
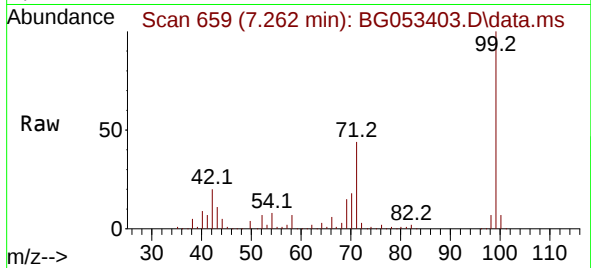




#7
Phenol-d6
Concen: 148.831 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

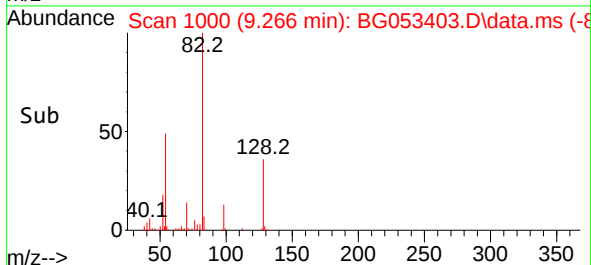
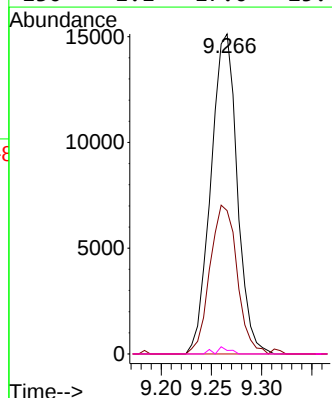
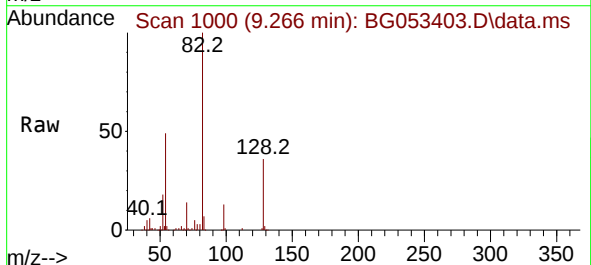
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion: 99 Resp: 290234
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 43.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.330 ng
RT: 9.266 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion: 70 Resp: 27597
Ion Ratio Lower Upper
70 100
42 44.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#

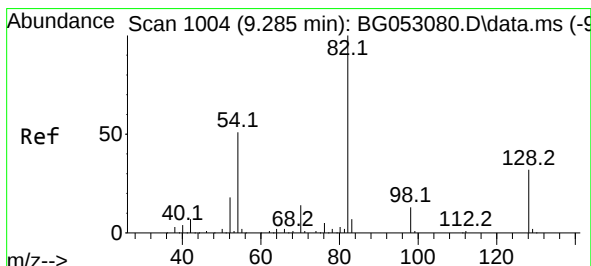
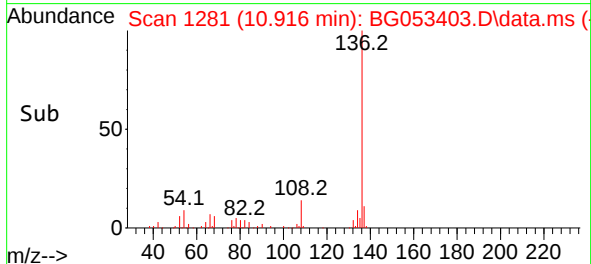
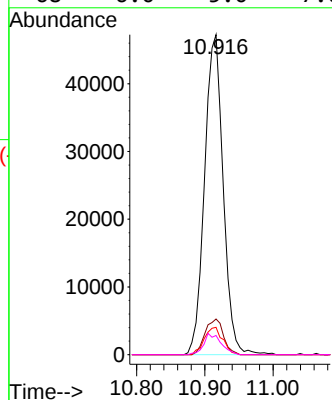
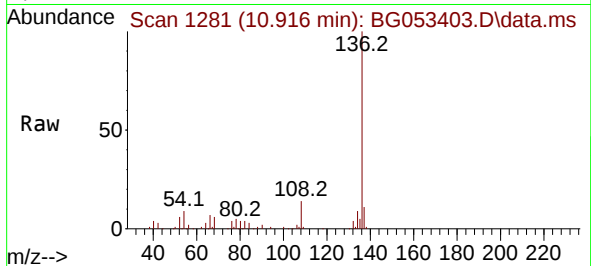




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

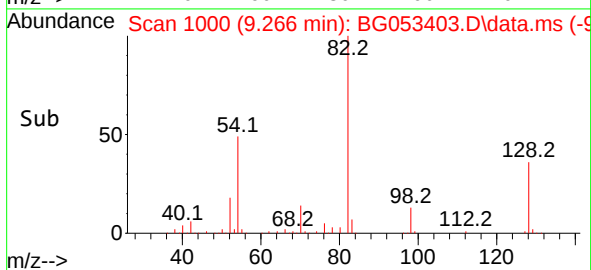
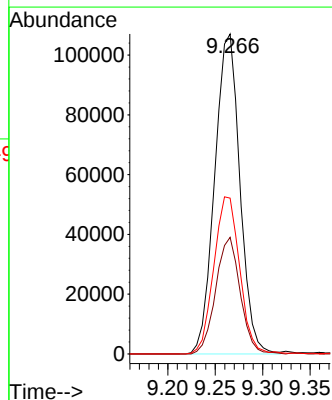
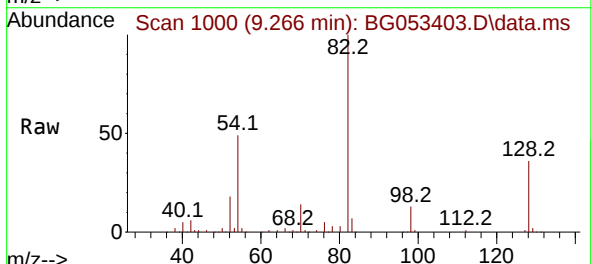
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:136	Resp:	89692
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.4 14.2
54	8.6	6.4 9.6
68	6.0	5.0 7.6



#23
Nitrobenzene-d5
Concen: 89.625 ng
RT: 9.266 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion: 82	Resp:	197979
Ion Ratio	Lower	Upper
82	100	
128	36.4	31.3 46.9
54	48.7	37.8 56.8

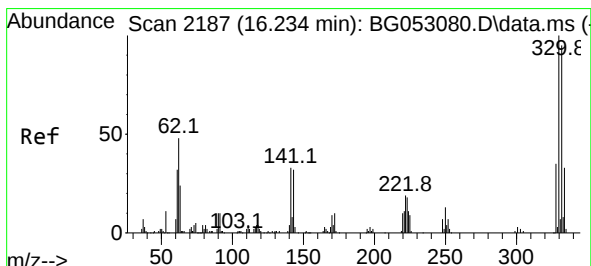
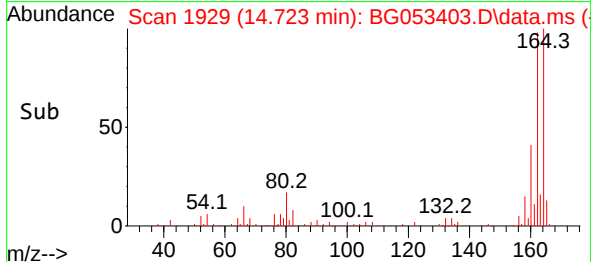
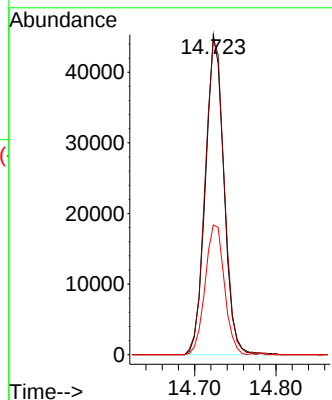
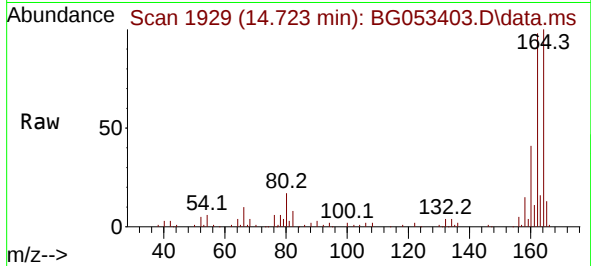




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

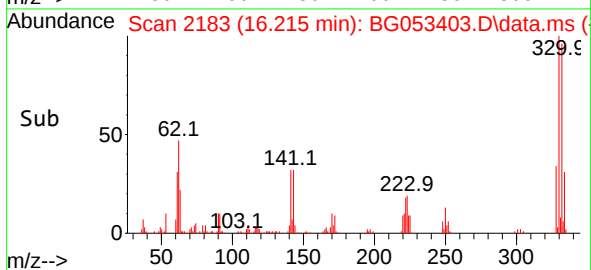
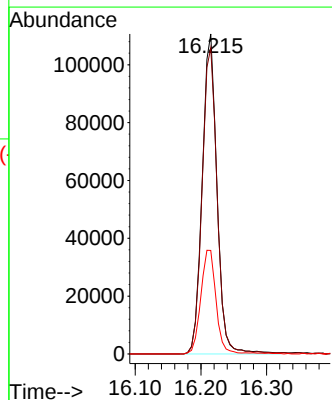
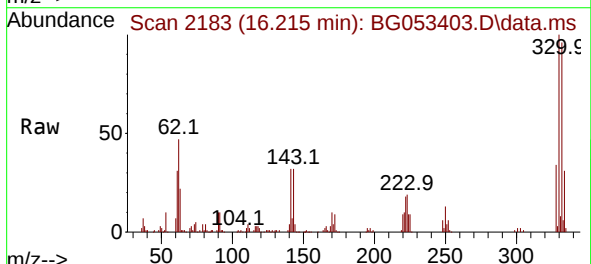
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:164 Resp: 71243
Ion Ratio Lower Upper
164 100
162 98.2 80.0 120.0
160 40.5 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 152.742 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion:330 Resp: 173125
Ion Ratio Lower Upper
330 100
332 97.8 75.8 113.6
141 33.3 24.6 36.8

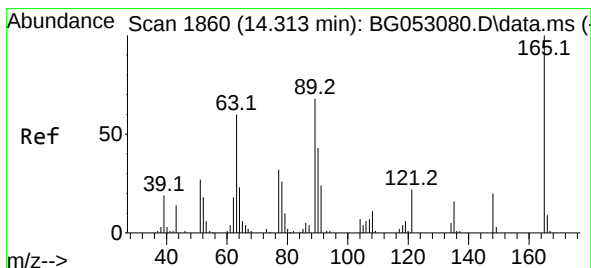
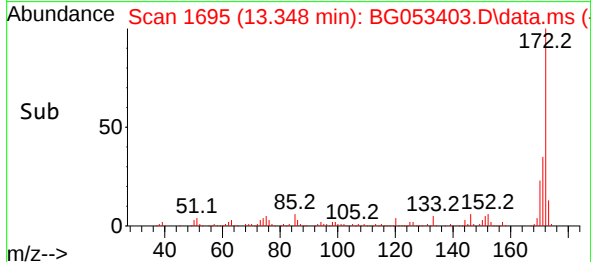
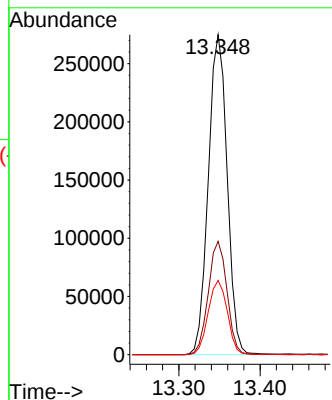
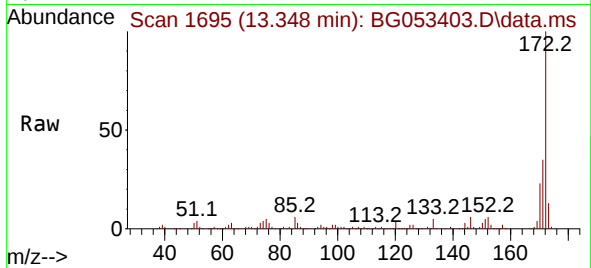




#45
2-Fluorobiphenyl
Concen: 85.790 ng
RT: 13.348 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

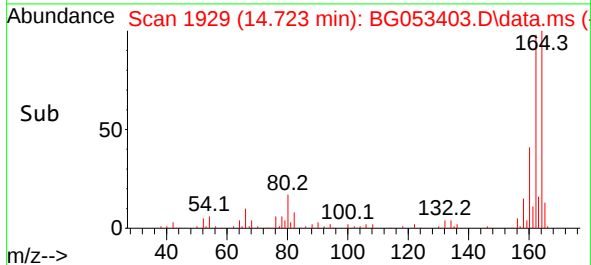
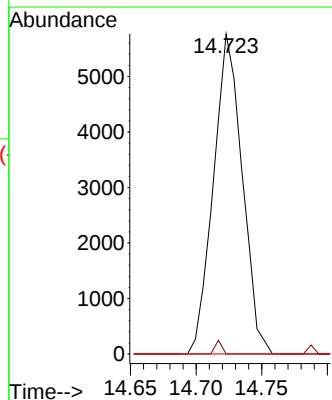
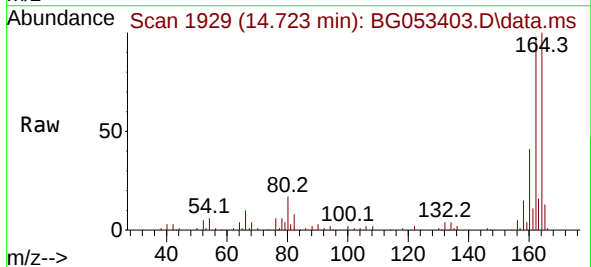
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:172 Resp: 443248
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.393 ng
RT: 14.723 min Scan# 1929
Delta R.T. 0.418 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion:165 Resp: 8789
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: 5.193 ng

RT: 14.723 min Scan# 1994

Delta R.T. -0.369 min

Lab File: BG053403.D

Acq: 2 May 2022 17:37

Instrument :

BNA_G

ClientSampleId :

SB05-13-15-FT

Tgt Ion:165 Resp: 8789

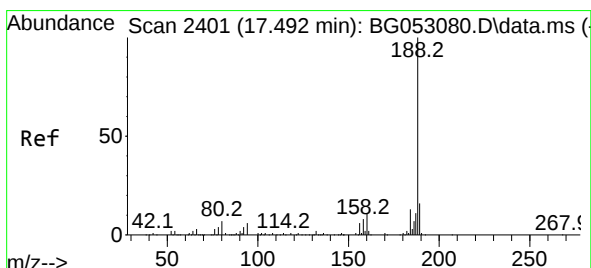
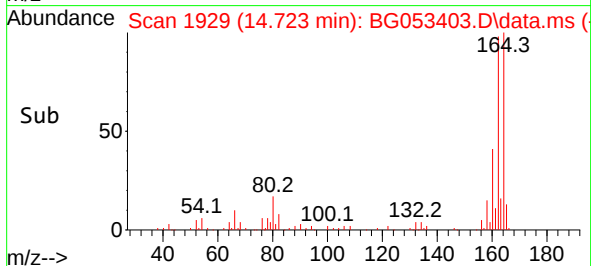
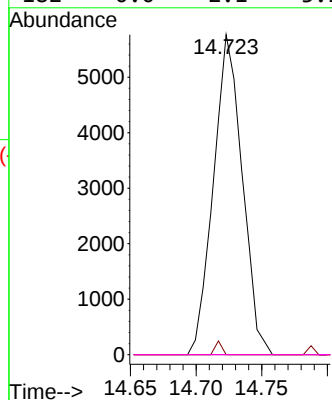
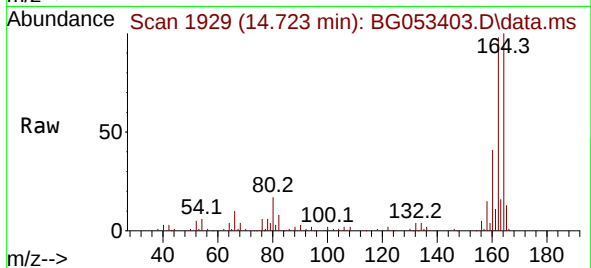
Ion Ratio Lower Upper

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: 17.472 min Scan# 2397

Delta R.T. -0.011 min

Lab File: BG053403.D

Acq: 2 May 2022 17:37

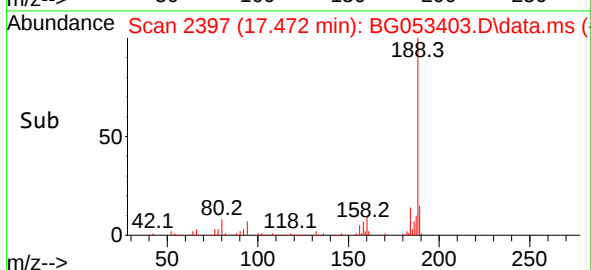
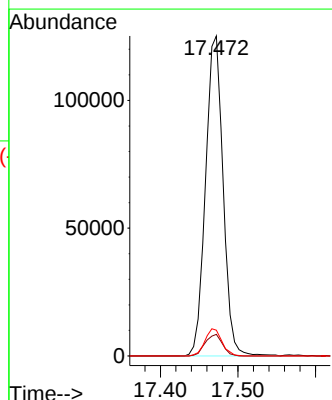
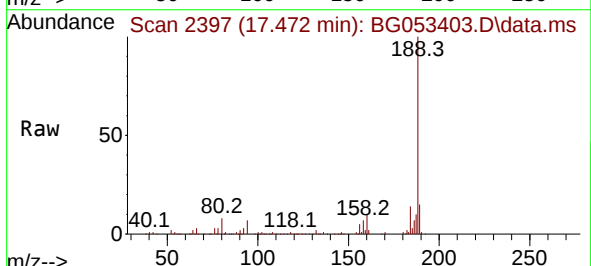
Tgt Ion:188 Resp: 196304

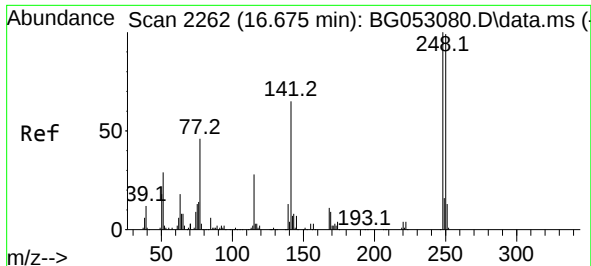
Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.1 7.2 10.8

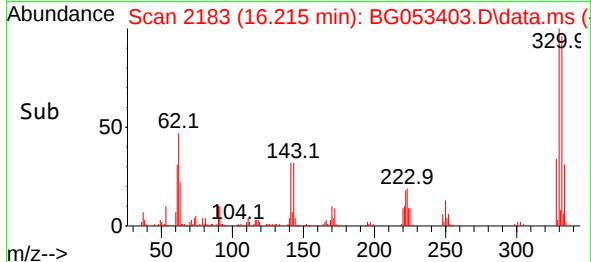
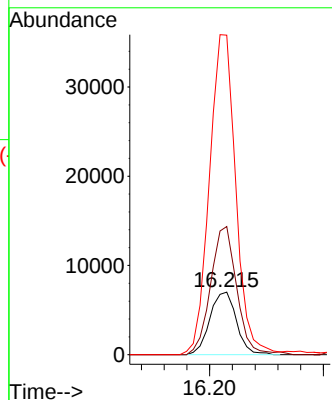
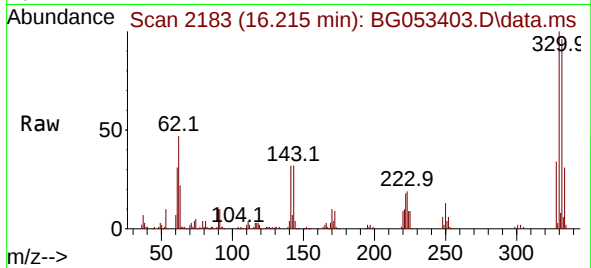




#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 16.215 min Scan# 21183
Delta R.T. -0.446 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

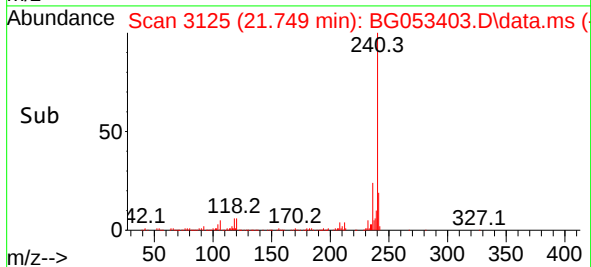
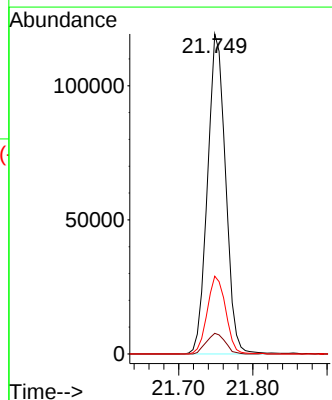
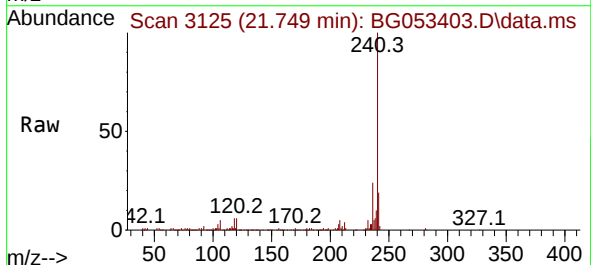
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:248 Resp: 11360
Ion Ratio Lower Upper
248 100
250 205.1 77.9 116.9#
141 510.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3125
Delta R.T. -0.017 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion:240 Resp: 201675
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.3 19.8 29.6

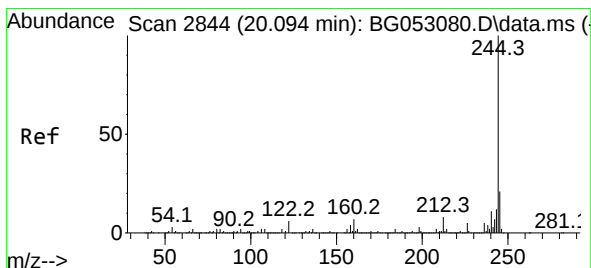
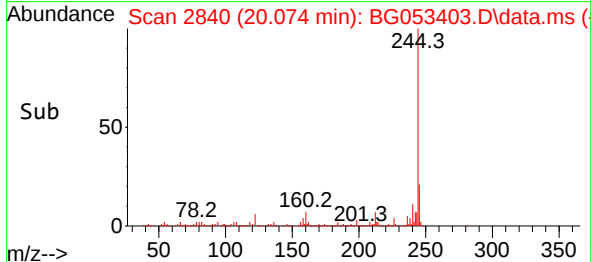
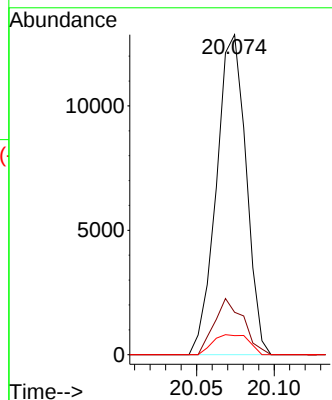
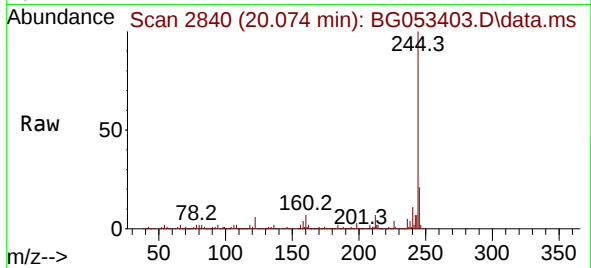




#77
Benzidine
Concen: 2.971 ng
RT: 20.074 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

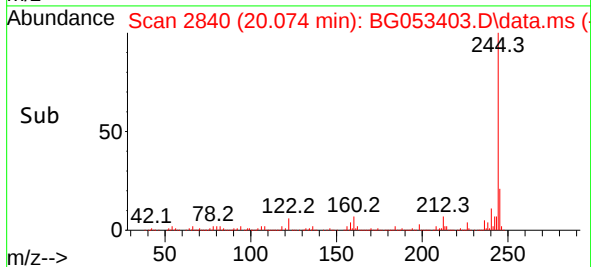
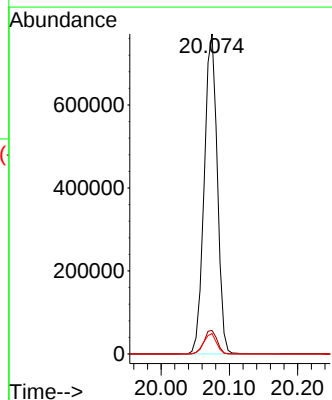
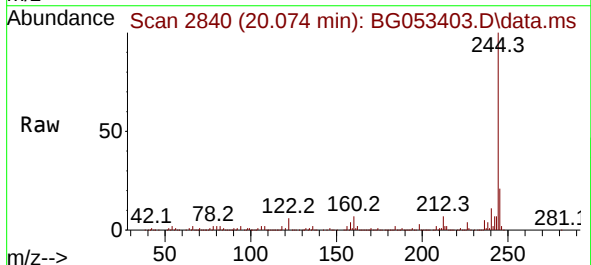
Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

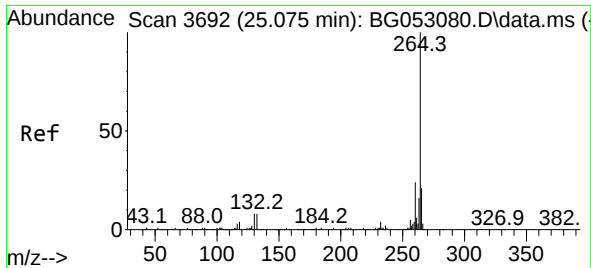
Tgt Ion:184 Resp: 17098
Ion Ratio Lower Upper
184 100
185 13.3 11.5 17.3
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.063 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Tgt Ion:244 Resp: 1027696
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.044 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG053403.D
Acq: 2 May 2022 17:37

Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FT

Tgt Ion:264 Resp: 205904

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	21.1	15.1	22.7

