

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053700.D
 Acq On : 25 May 2022 19:10
 Operator : CG/JU
 Sample : N2923-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS005-0006-01

Quant Time: May 26 02:52:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

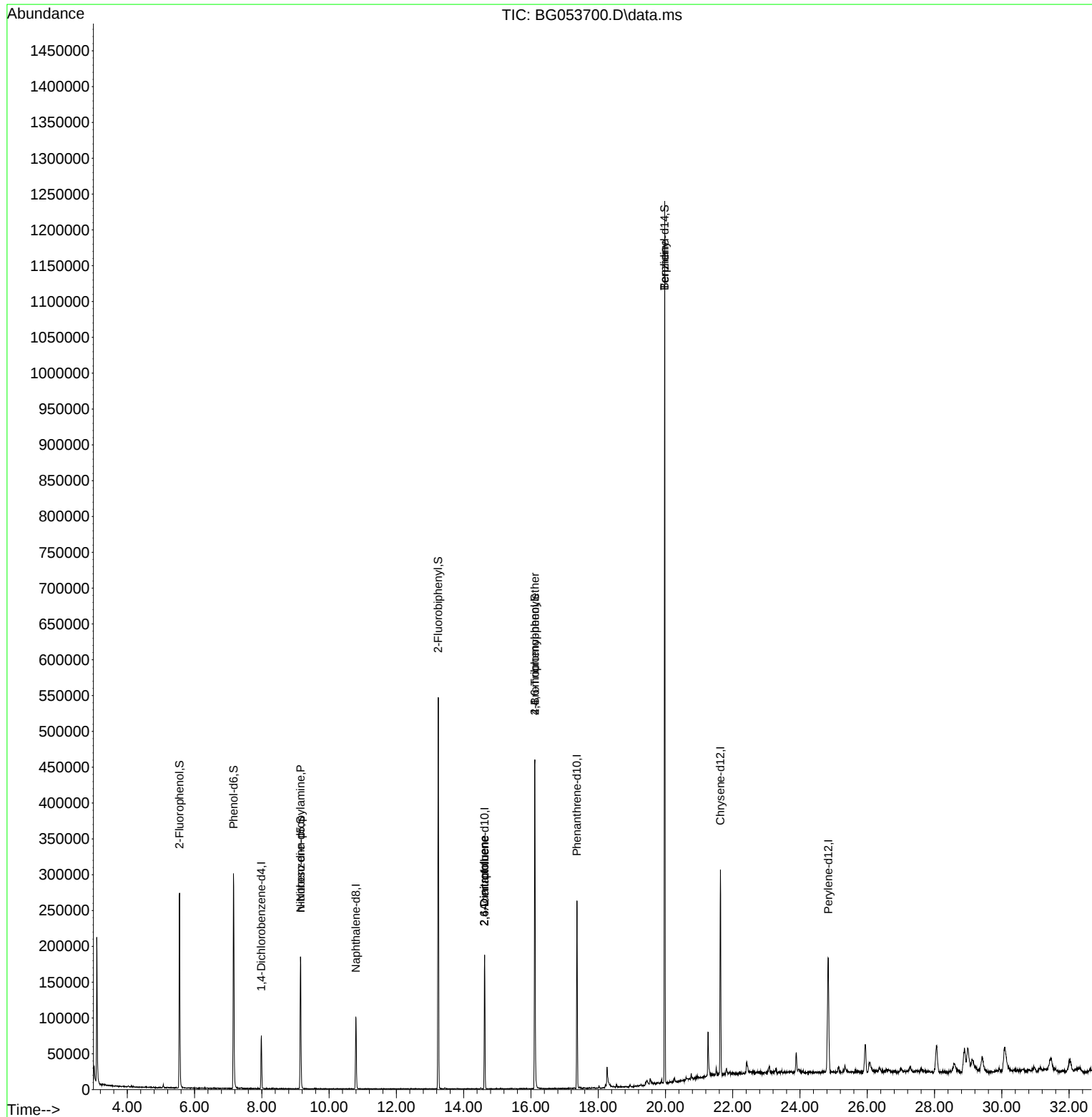
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	20713	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	84257	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	67059	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	171388	20.000	ng	0.00
76) Chrysene-d12	21.633	240	175745	20.000	ng	0.00
86) Perylene-d12	24.840	264	175778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	113145	92.706	ng	0.00
7) Phenol-d6	7.158	99	174787	94.365	ng	0.00
23) Nitrobenzene-d5	9.150	82	118679	59.959	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	99303	100.403	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	286057	62.335	ng	0.00
79) Terphenyl-d14	19.976	244	598835	63.462	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.150	70	17134	12.893	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.619	165	8732	8.411	ng	# 16
57) 2,4-Dinitrotoluene	14.619	165	8732	5.803	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	6475	3.235	ng	# 1
77) Benzidine	19.976	184	9634	2.543	ng	97

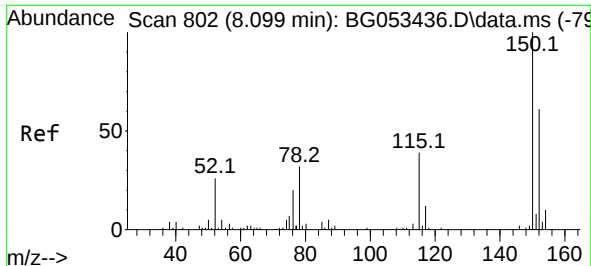
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053700.D
Acq On : 25 May 2022 19:10
Operator : CG/JU
Sample : N2923-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

Quant Time: May 26 02:52:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 15:11:41 2022
Response via : Initial Calibration

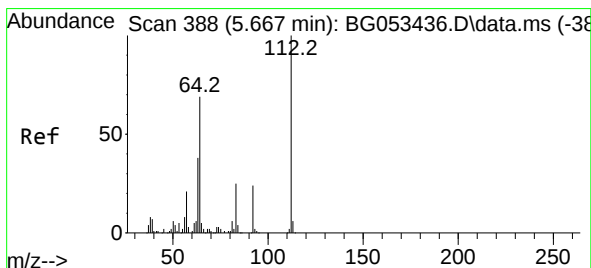
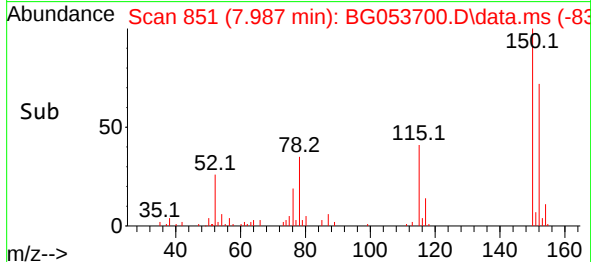
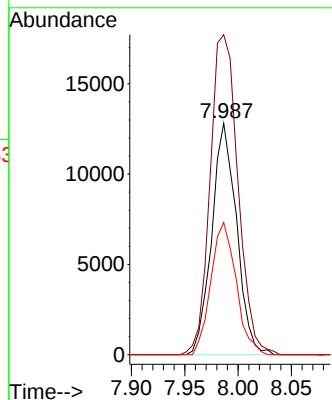
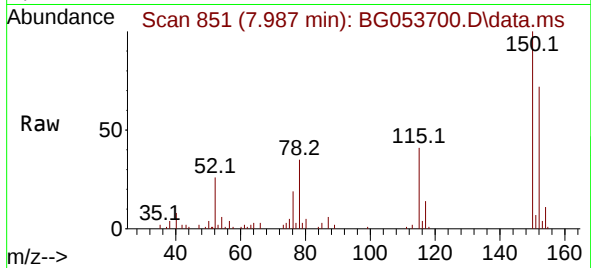




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

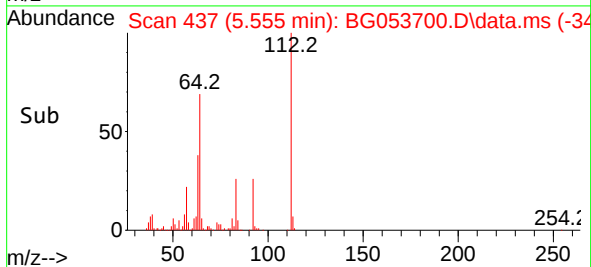
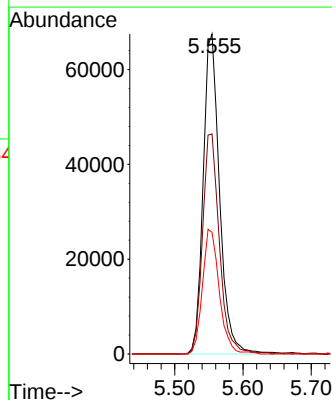
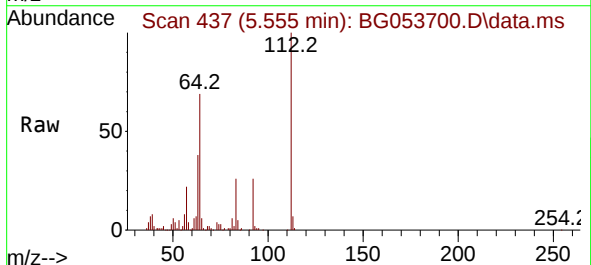
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

Tgt Ion:152 Resp: 20713
Ion Ratio Lower Upper
152 100
150 138.2 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 92.706 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:112 Resp: 113145
Ion Ratio Lower Upper
112 100
64 68.8 55.1 82.7
63 38.0 30.4 45.6

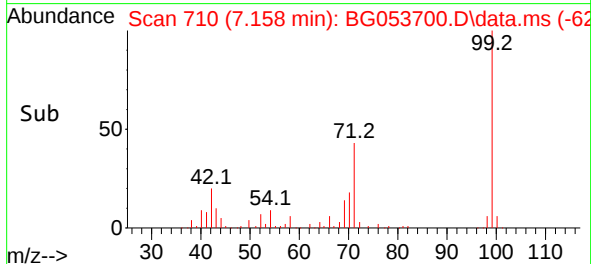
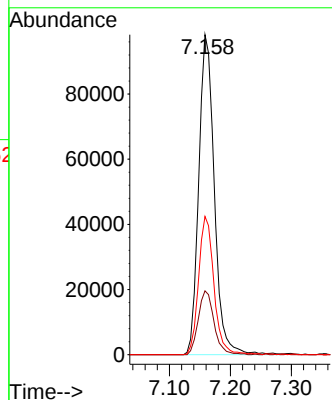
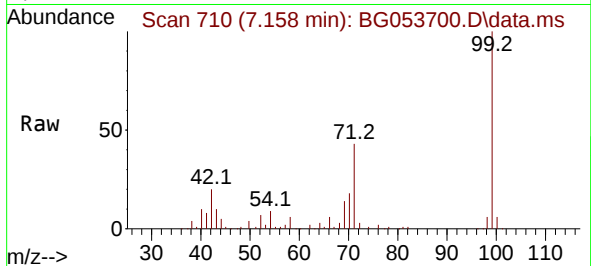




#7
Phenol-d6
Concen: 94.365 ng
RT: 7.158 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

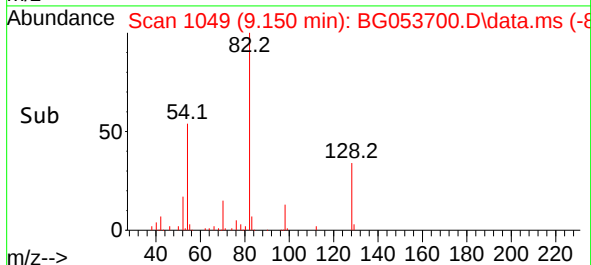
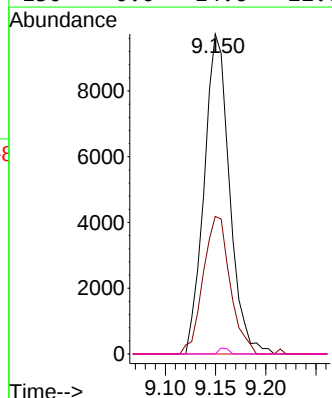
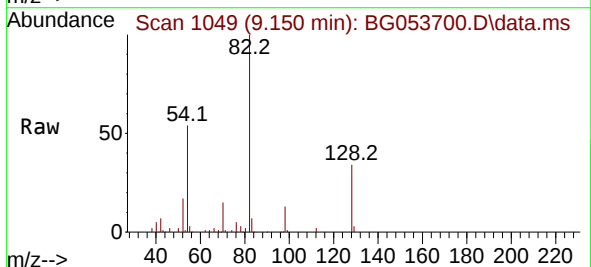
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

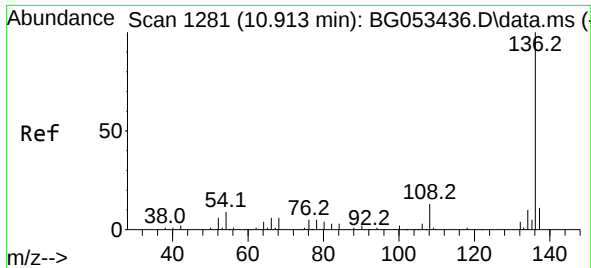
Tgt Ion: 99 Resp: 174787
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 43.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.893 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.353 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion: 70 Resp: 17134
Ion Ratio Lower Upper
70 100
42 43.0 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

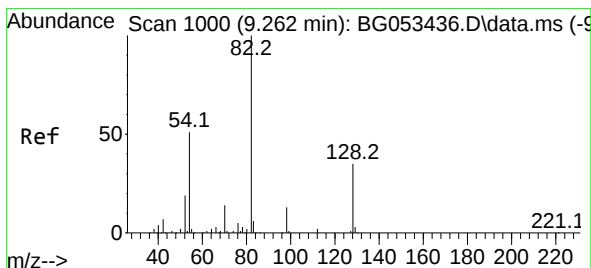
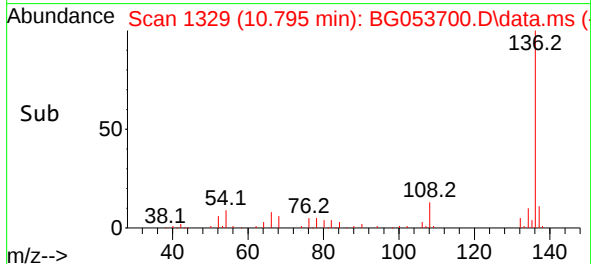
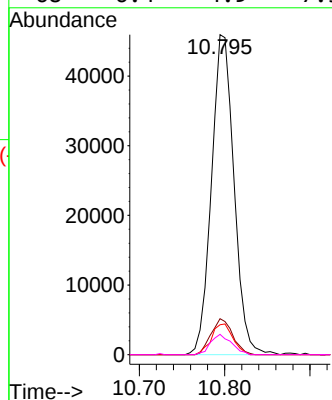
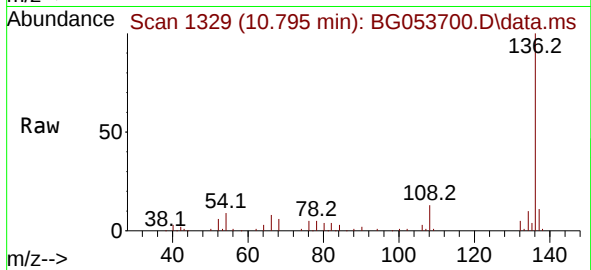




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

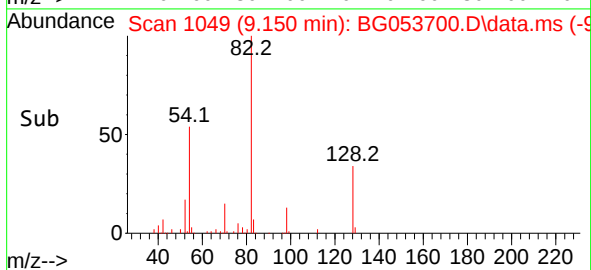
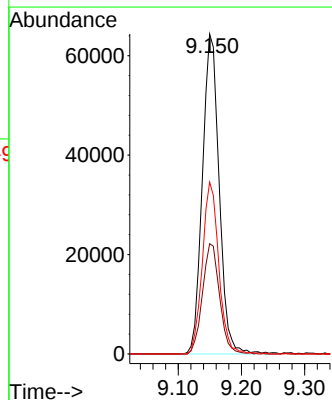
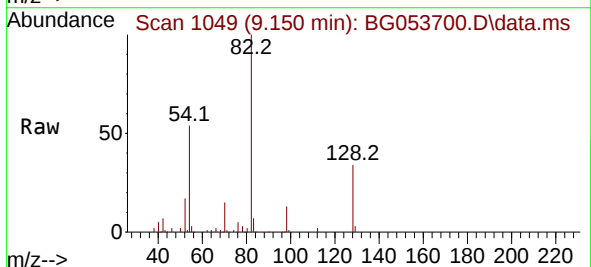
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

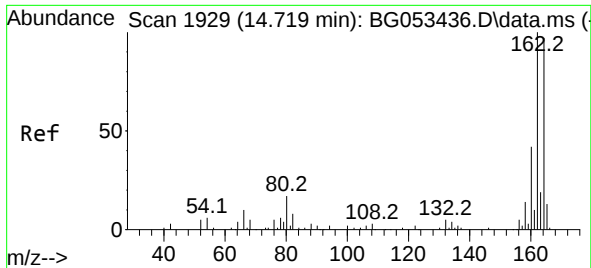
Tgt Ion:	136	Resp:	84257
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	9.3	7.4	11.2
68	6.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 59.959 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:	82	Resp:	118679
Ion Ratio	Lower	Upper	
82	100		
128	34.5	27.9	41.9
54	53.7	41.2	61.8

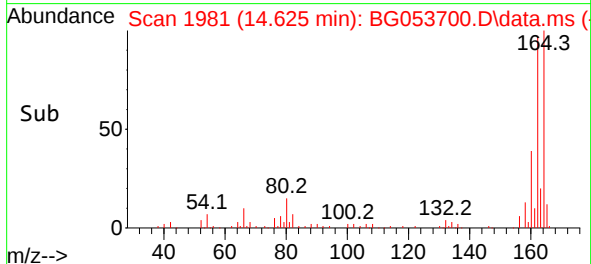
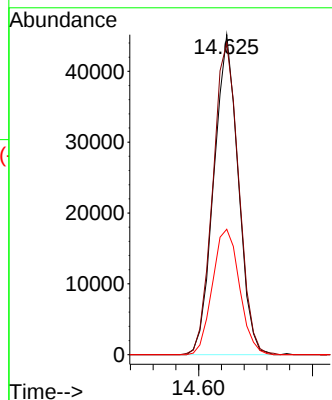
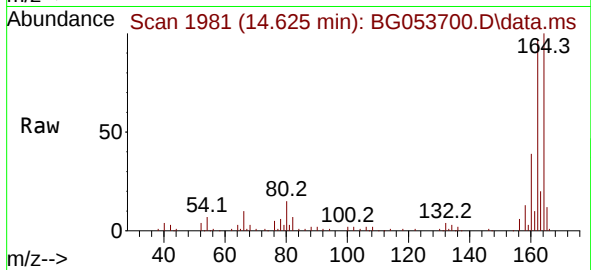




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

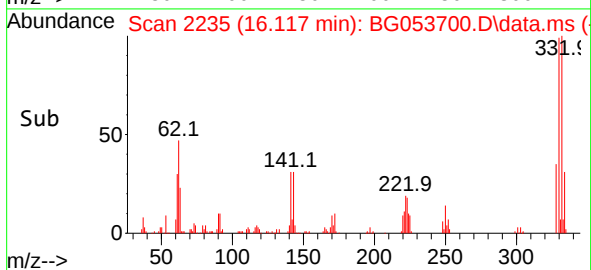
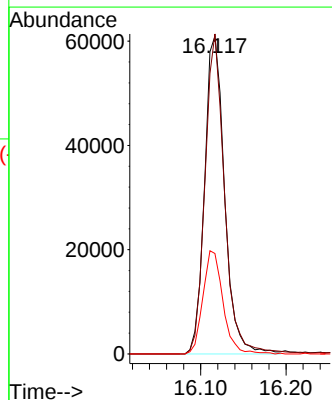
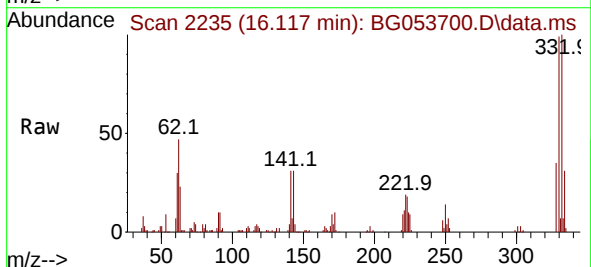
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

Tgt Ion:164 Resp: 67059
Ion Ratio Lower Upper
164 100
162 97.4 82.3 123.5
160 39.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 100.403 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:330 Resp: 99303
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 32.6 27.1 40.7

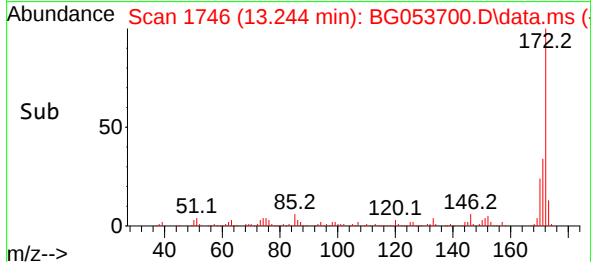
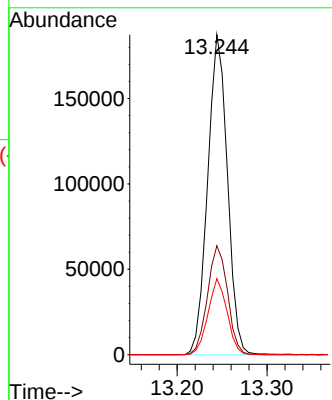
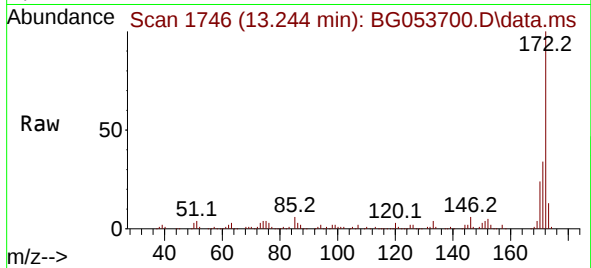




#45
2-Fluorobiphenyl
Concen: 62.335 ng
RT: 13.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

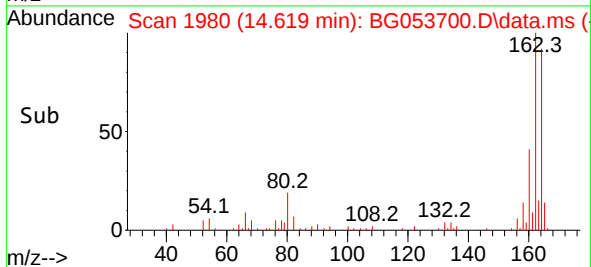
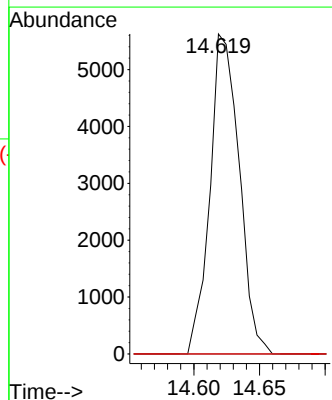
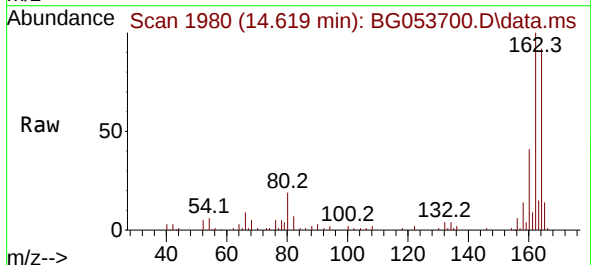
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

Tgt Ion:172 Resp: 286057
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 14.619 min Scan# 1980
Delta R.T. 0.417 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:165 Resp: 8732
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: 5.803 ng

RT: 14.619 min Scan# 14

Delta R.T. -0.376 min

Lab File: BG053700.D

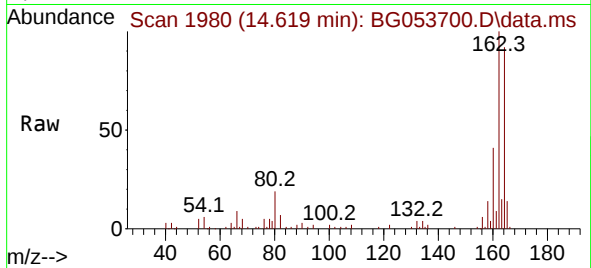
Acq: 25 May 2022 19:10

Instrument :

BNA_G

ClientSampleId :

P024-SS005-0006-01



Tgt Ion:165 Resp: 8732

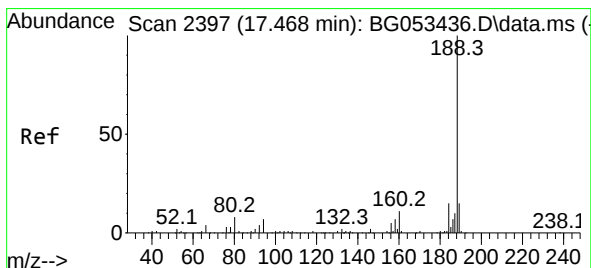
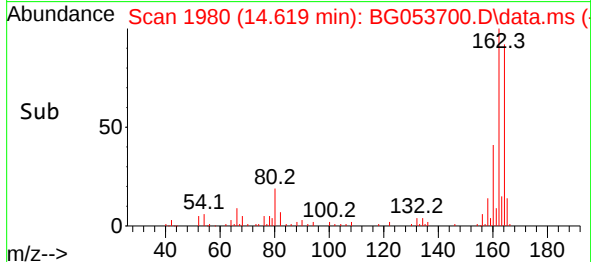
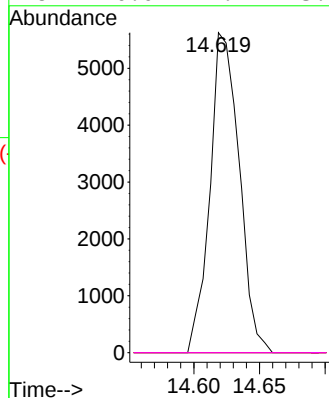
Ion Ratio Lower Upper

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: 17.368 min Scan# 2448

Delta R.T. -0.005 min

Lab File: BG053700.D

Acq: 25 May 2022 19:10

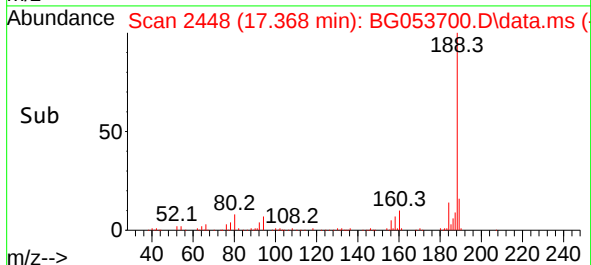
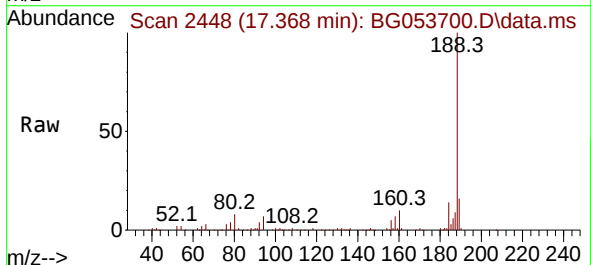
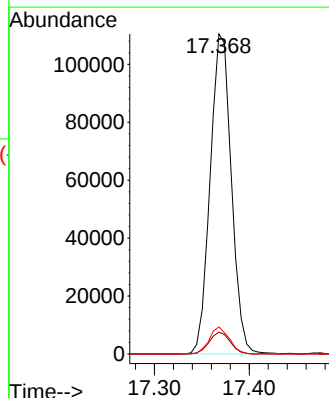
Tgt Ion:188 Resp: 171388

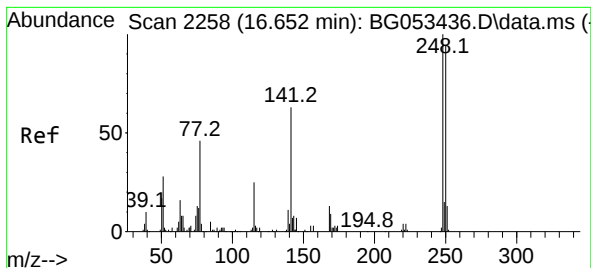
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 8.5 6.8 10.2

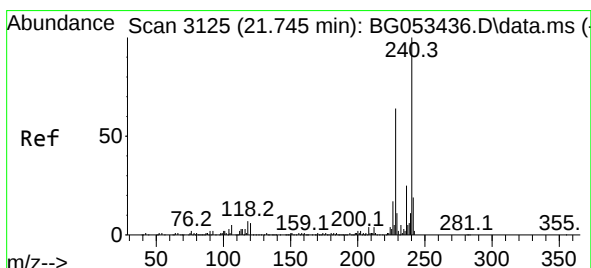
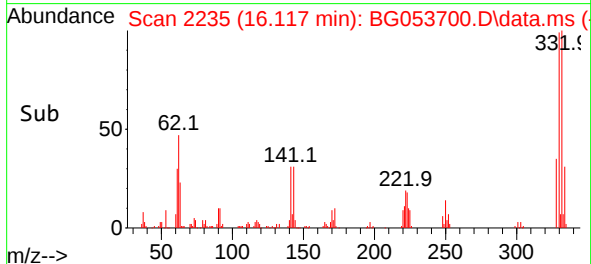
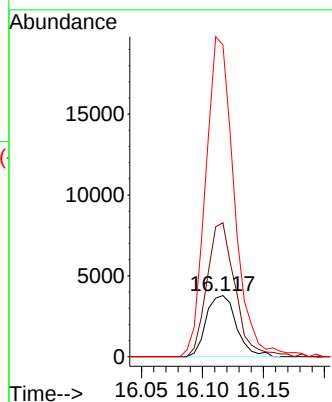
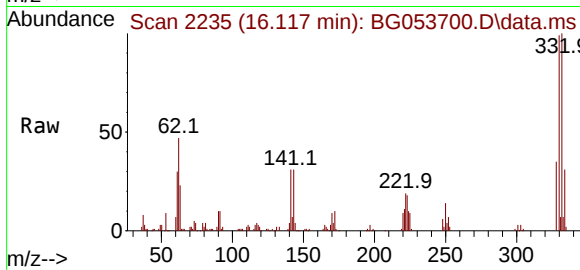




#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 16.117 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

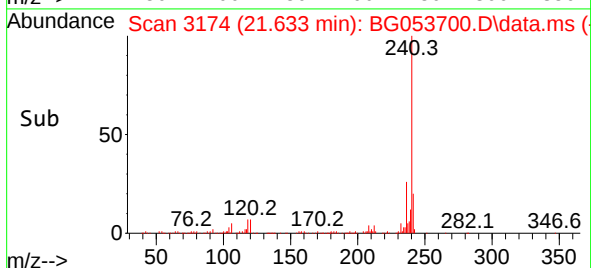
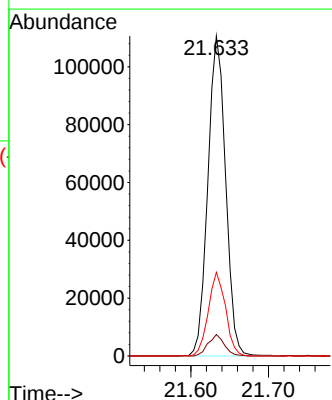
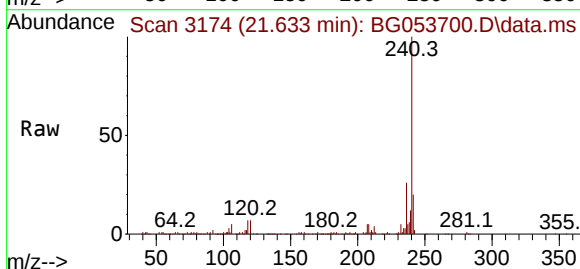
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

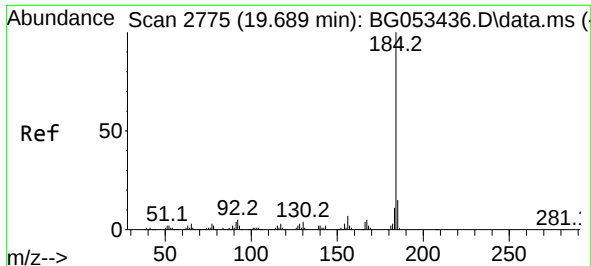
Tgt Ion:248 Resp: 6475
Ion Ratio Lower Upper
248 100
250 219.3 75.2 112.8#
141 510.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:240 Resp: 175745
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 26.2 20.2 30.4

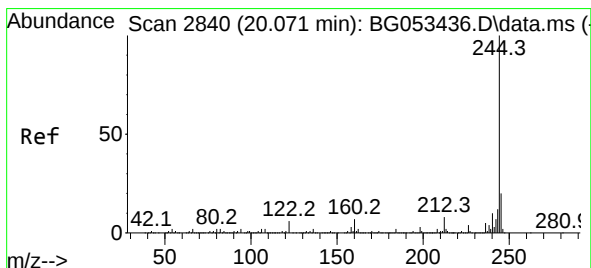
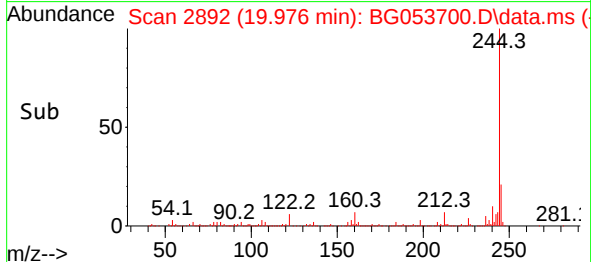
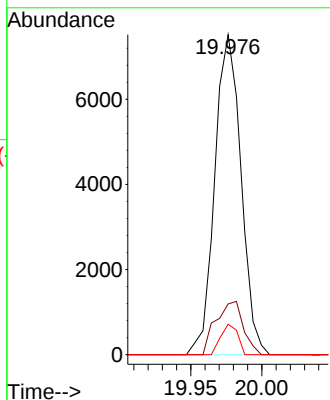
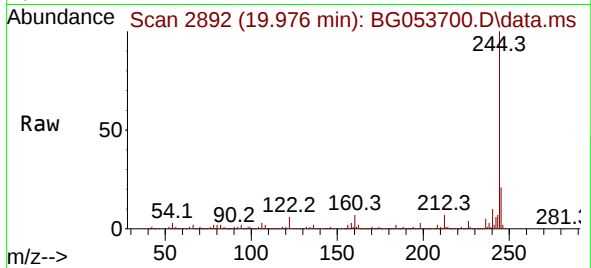




#77
Benzidine
Concen: 2.543 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.376 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

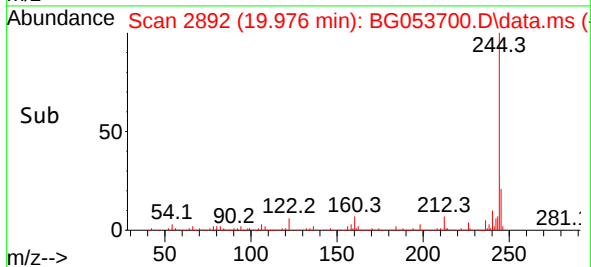
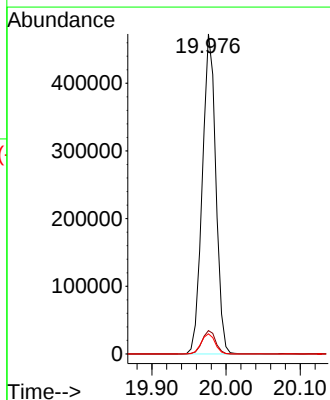
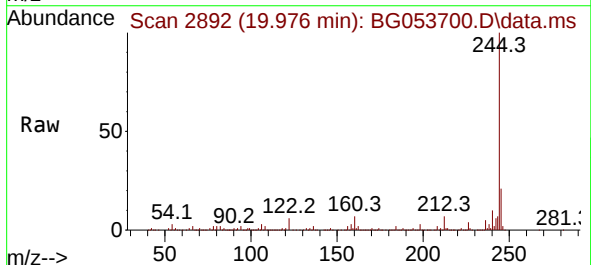
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

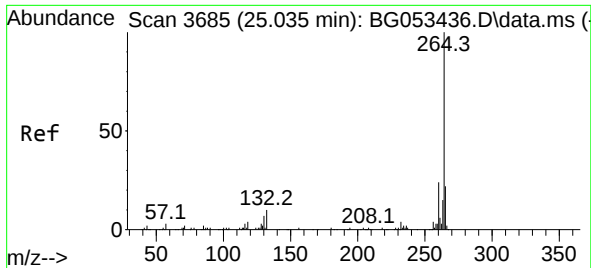
Tgt Ion:184 Resp: 9634
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 9.5 8.9 13.3



#79
Terphenyl-d14
Concen: 63.462 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

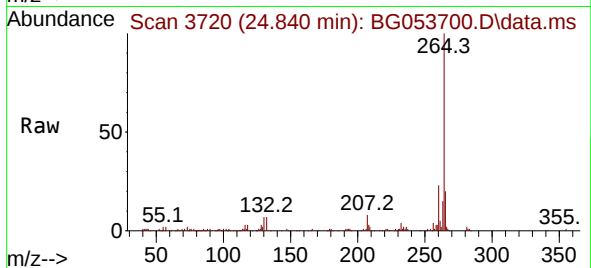
Tgt Ion:244 Resp: 598835
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01



Tgt Ion:264 Resp: 175778

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.4	17.4	26.2

