

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053584.D
 Acq On : 17 May 2022 15:09
 Operator : CG/JU
 Sample : N2863-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1218-01

Quant Time: May 18 03:13:43 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 11 06:00:46 2022
 Response via : Initial Calibration

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

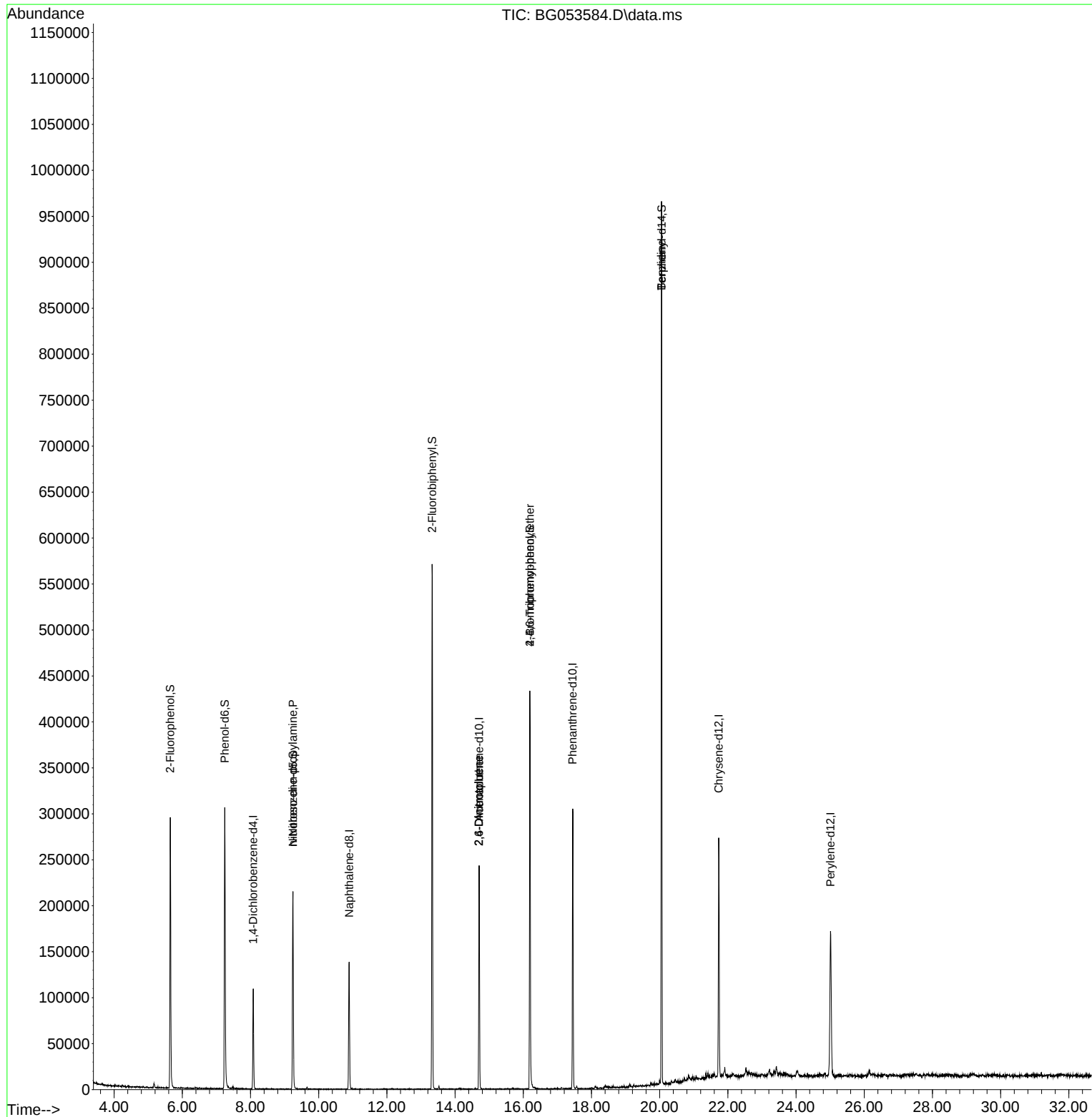
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	28592	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	118138	20.000	ng	0.00
39) Acenaphthene-d10	14.707	164	88648	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	205118	20.000	ng	0.00
76) Chrysene-d12	21.733	240	172913	20.000	ng	0.00
86) Perylene-d12	25.011	264	172878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	125037	74.218	ng	0.00
7) Phenol-d6	7.246	99	182952	71.554	ng	0.00
23) Nitrobenzene-d5	9.244	82	138200	49.797	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	89709	68.613	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	310682	51.213	ng	0.00
79) Terphenyl-d14	20.058	244	499917	53.847	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.244	70	19059	10.389	ng	# 87
51) 2,6-Dinitrotoluene	14.701	165	11480	8.365	ng	# 16
57) 2,4-Dinitrotoluene	14.701	165	11480	5.771	ng	# 21
67) 4-Bromophenyl-phenylether	16.193	248	5884	2.456	ng	# 1
77) Benzidine	20.053	184	8312	2.230	ng	# 91

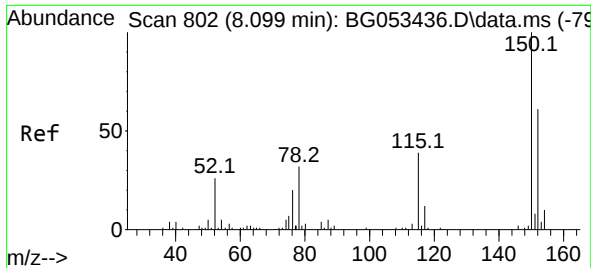
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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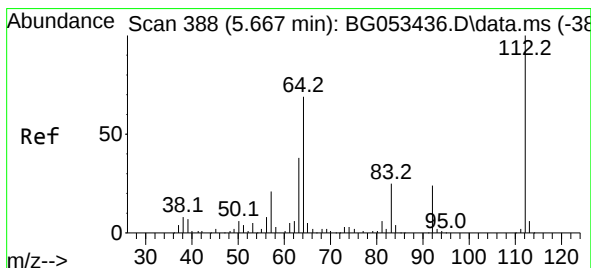
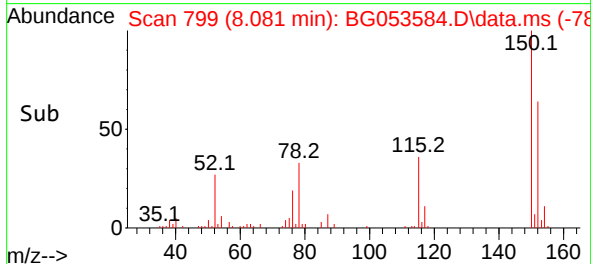
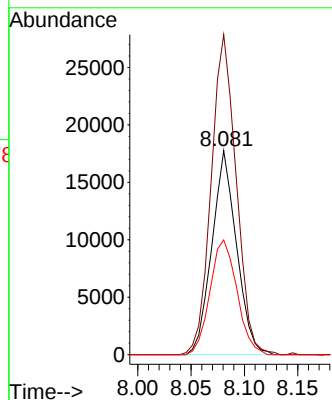
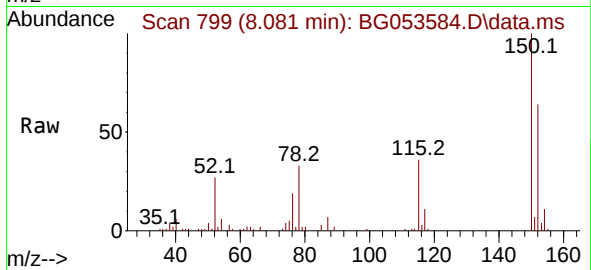




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 799
Delta R.T. -0.008 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

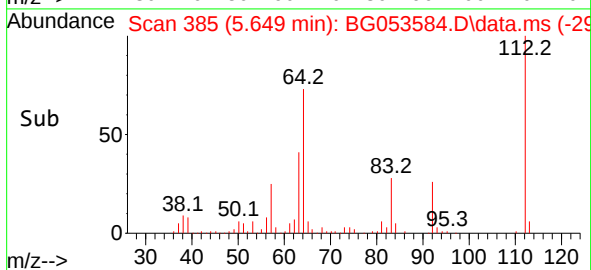
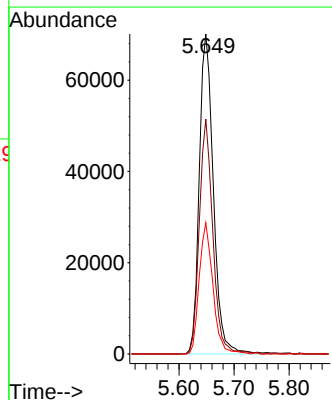
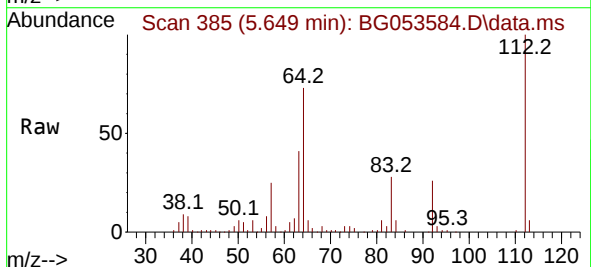
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01

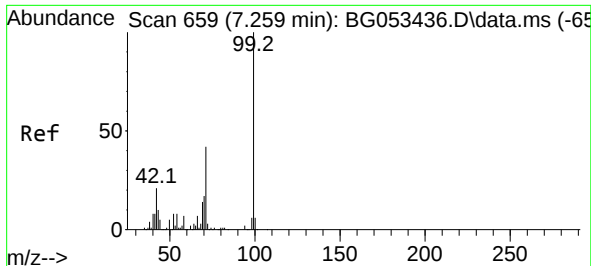
Tgt Ion:152 Resp: 28592
Ion Ratio Lower Upper
152 100
150 156.8 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 74.218 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion:112 Resp: 125037
Ion Ratio Lower Upper
112 100
64 73.4 55.1 82.7
63 41.0 30.4 45.6

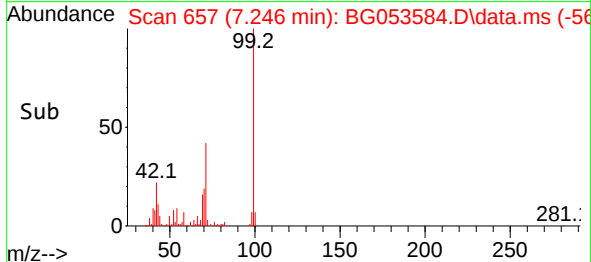
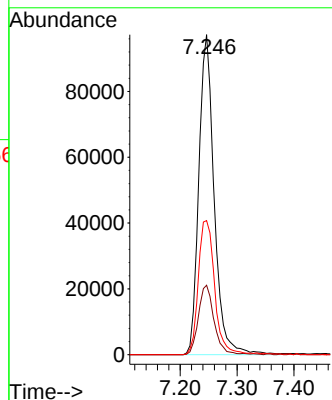
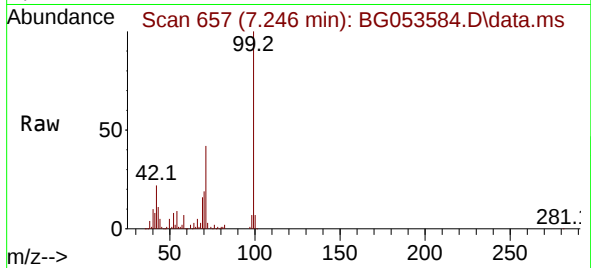




#7
Phenol-d6
Concen: 71.554 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

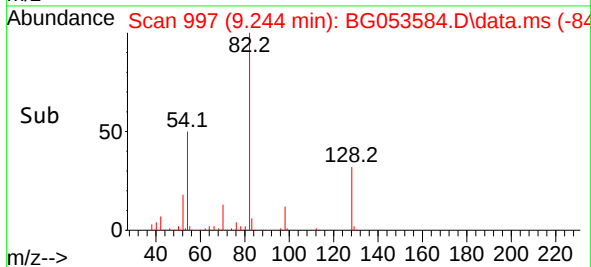
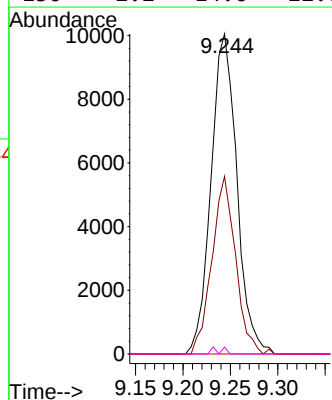
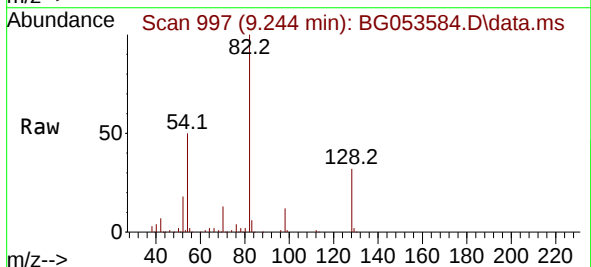
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01

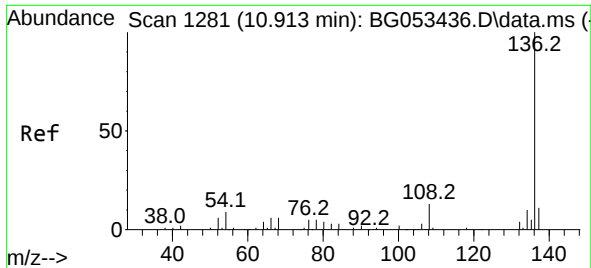
Tgt Ion: 99 Resp: 182952
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.389 ng
RT: 9.244 min Scan# 997
Delta R.T. 0.355 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion: 70 Resp: 19059
Ion Ratio Lower Upper
70 100
42 55.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

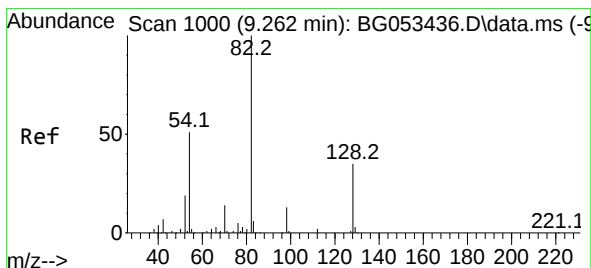
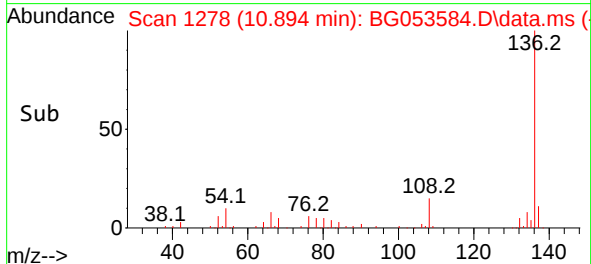
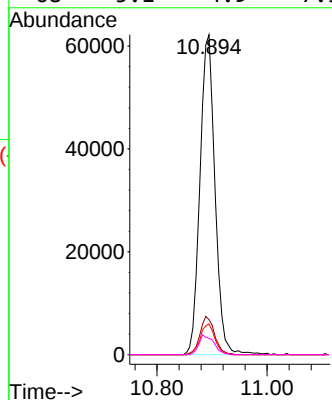
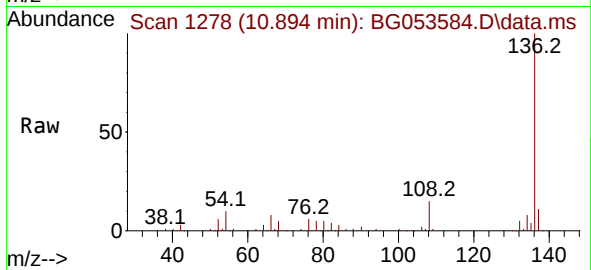




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

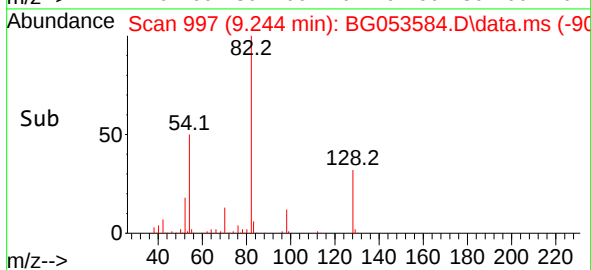
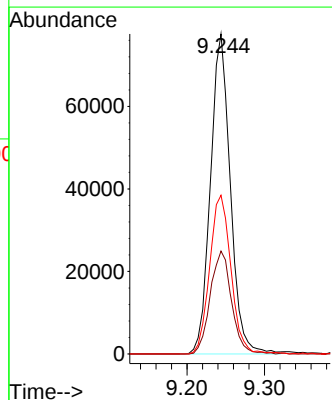
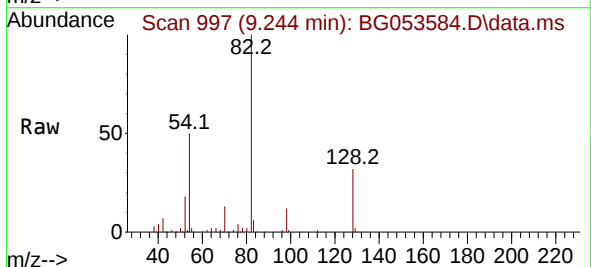
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01

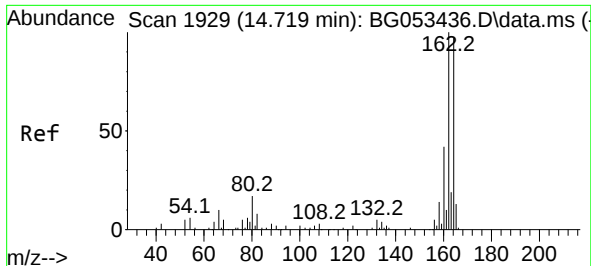
Tgt Ion:	136	Resp:	118138
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.6	7.4	11.2
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 49.797 ng
RT: 9.244 min Scan# 997
Delta R.T. -0.009 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion:	82	Resp:	138200
Ion Ratio	Lower	Upper	
82	100		
128	32.1	27.9	41.9
54	49.6	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.707 min Scan# 1929

Delta R.T. -0.009 min

Lab File: BG053584.D

Acq: 17 May 2022 15:09

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01

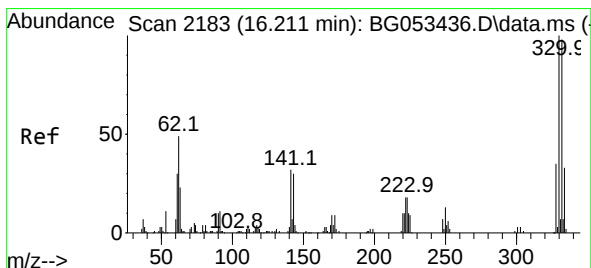
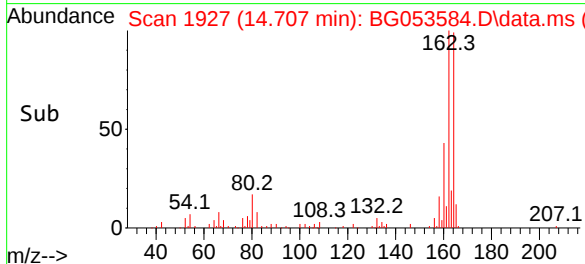
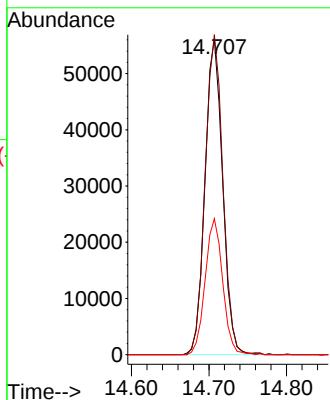
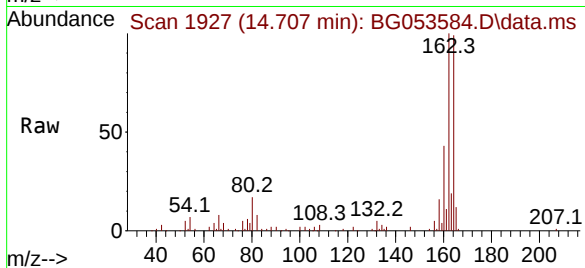
Tgt Ion:164 Resp: 88648

Ion Ratio Lower Upper

164 100

162 101.5 82.3 123.5

160 43.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 68.613 ng

RT: 16.193 min Scan# 2180

Delta R.T. -0.009 min

Lab File: BG053584.D

Acq: 17 May 2022 15:09

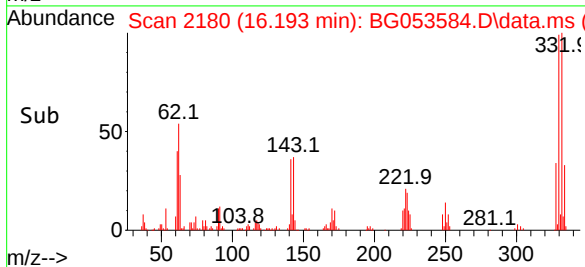
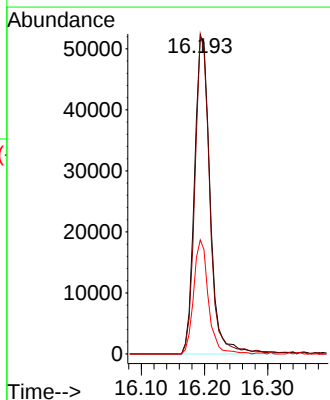
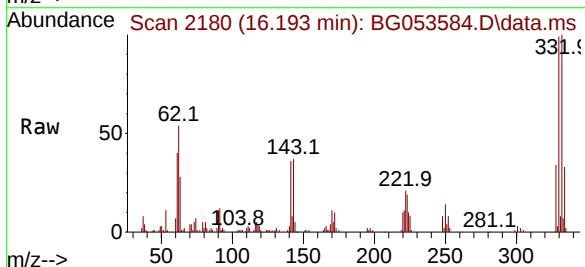
Tgt Ion:330 Resp: 89709

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 33.6 27.1 40.7

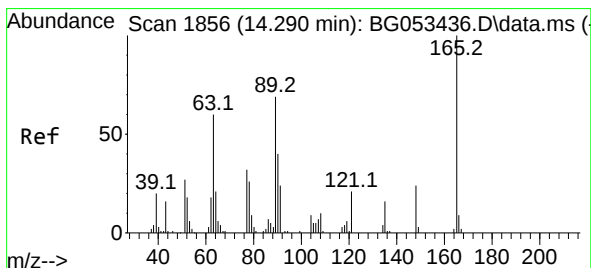
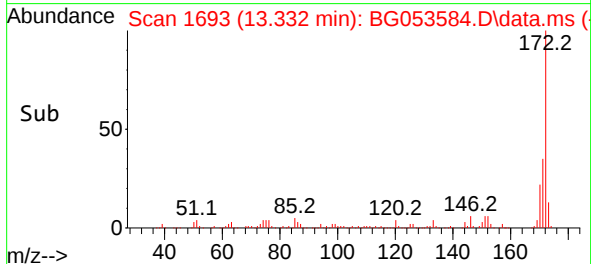
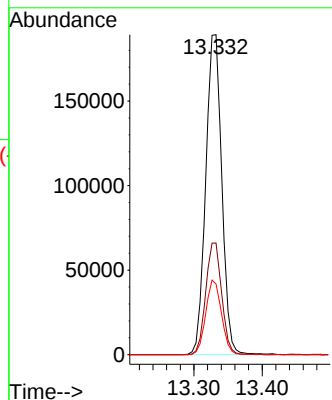
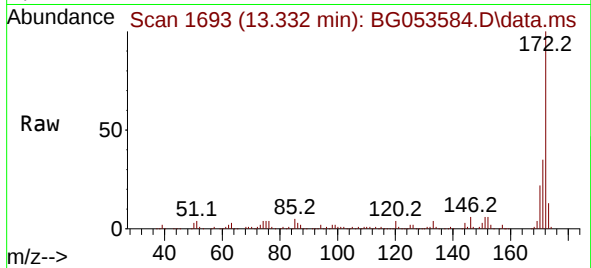




#45
2-Fluorobiphenyl
Concen: 51.213 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

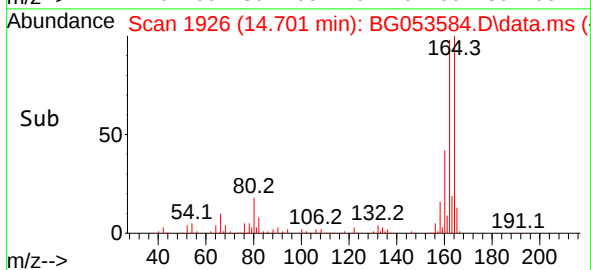
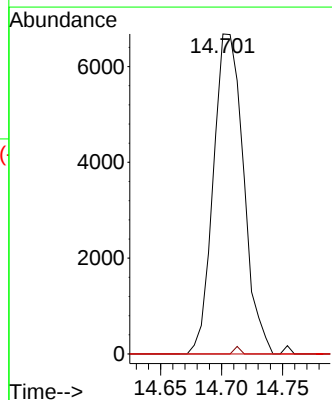
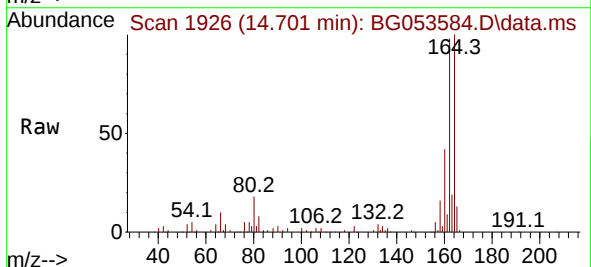
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01

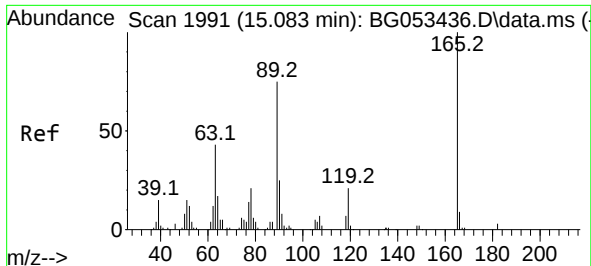
Tgt Ion:172 Resp: 310682
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 14.701 min Scan# 1926
Delta R.T. 0.420 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion:165 Resp: 11480
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

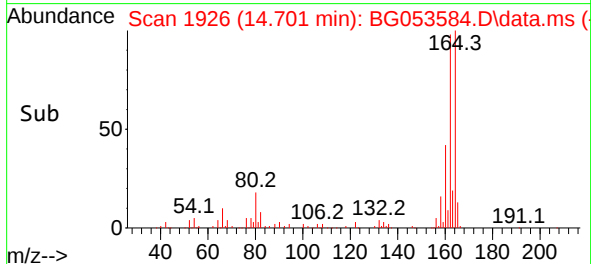
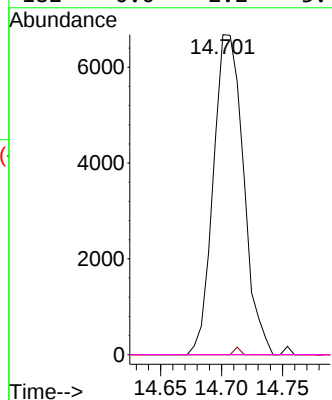
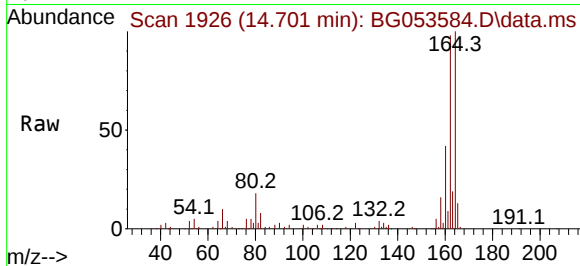




#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 14.701 min Scan# 1991
Delta R.T. -0.373 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

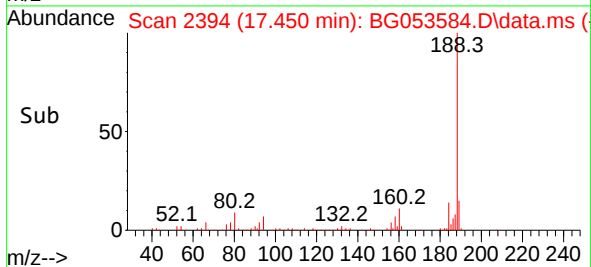
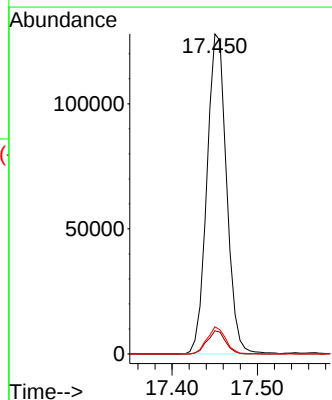
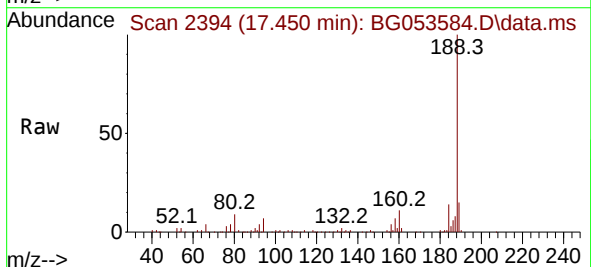
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BNA_G
ClientSampleId :
P003-SS003-1218-01

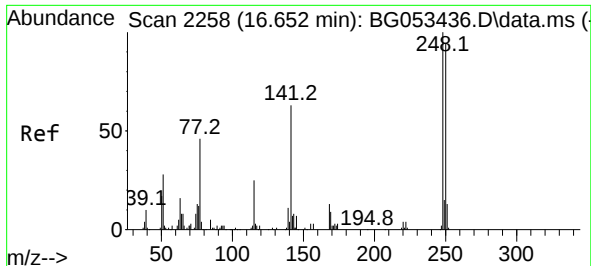
Tgt Ion:165	Resp:	11480
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion:188	Resp:	205118
Ion Ratio	Lower	Upper
188	100	
94	7.2	5.4
80	8.5	6.8

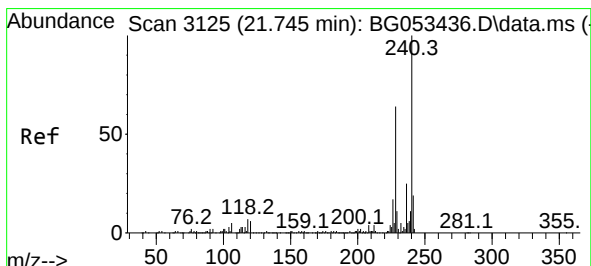
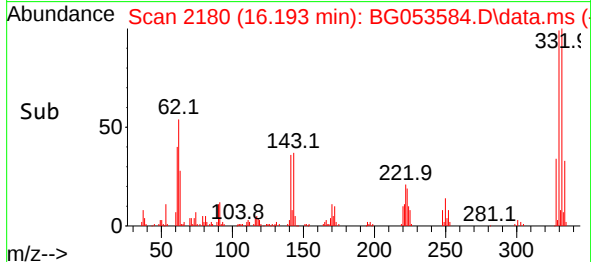
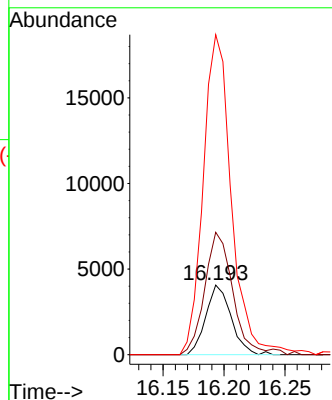
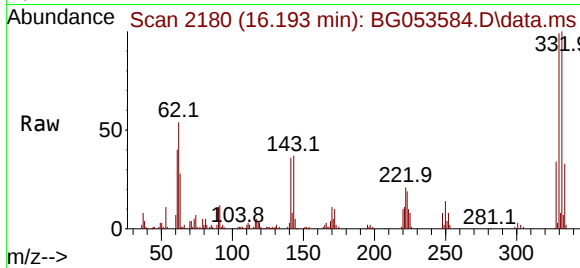




#67
4-Bromophenyl-phenylether
Concen: 2.456 ng
RT: 16.193 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

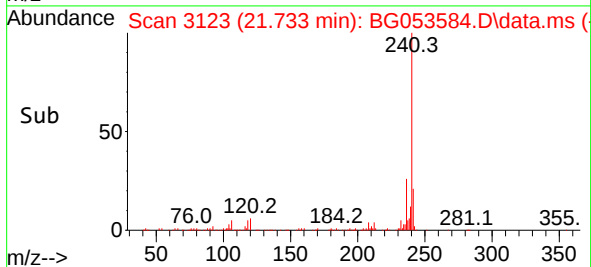
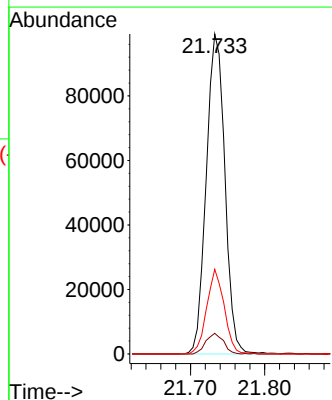
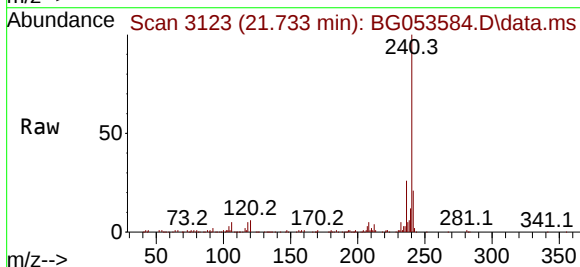
Instrument :
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P003-SS003-1218-01

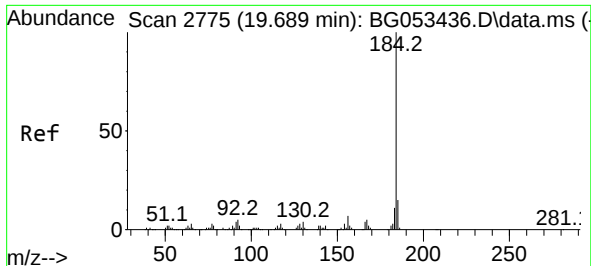
Tgt Ion:248 Resp: 5884
Ion Ratio Lower Upper
248 100
250 176.0 75.2 112.8#
141 460.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Tgt Ion:240 Resp: 172913
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 26.4 20.2 30.4

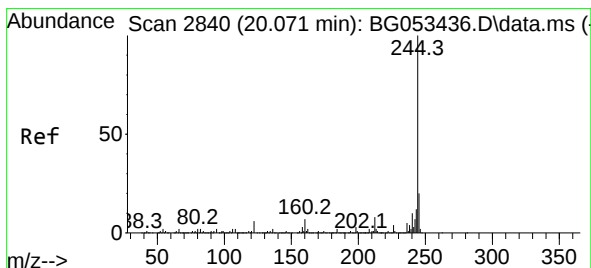
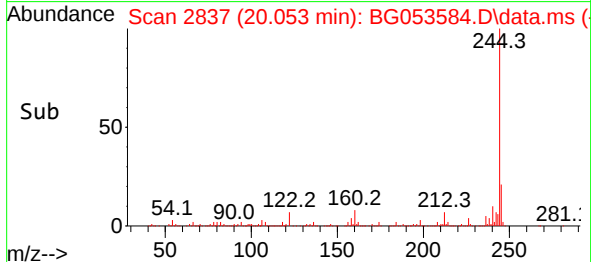
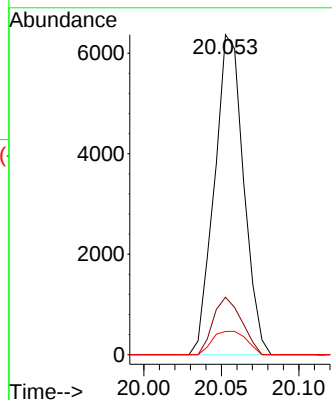
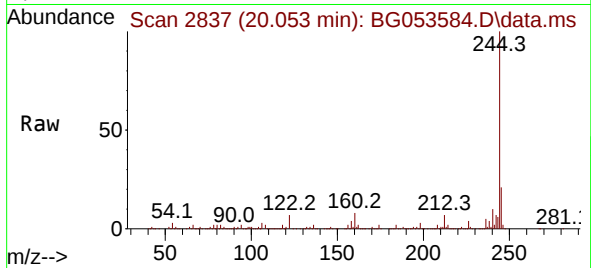




#77
Benzidine
Concen: 2.230 ng
RT: 20.053 min Scan# 2837
Delta R.T. 0.373 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

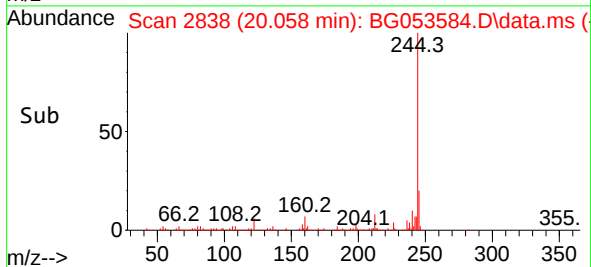
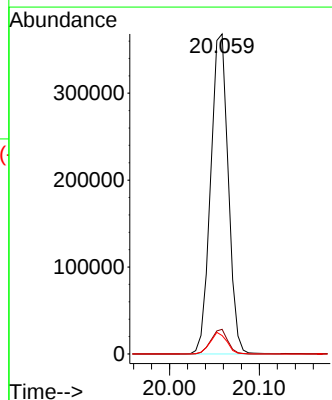
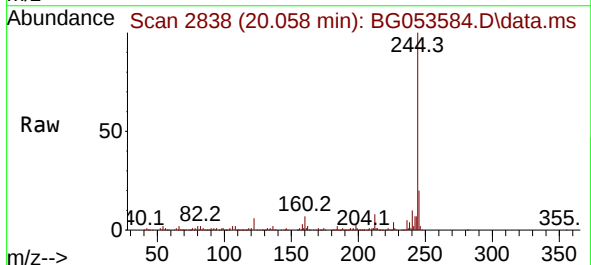
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01

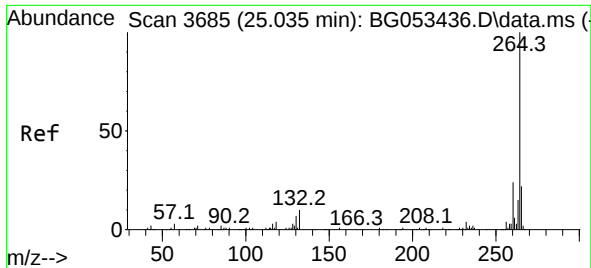
Tgt Ion:184 Resp: 8312
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.6#
183 7.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 53.847 ng
RT: 20.058 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

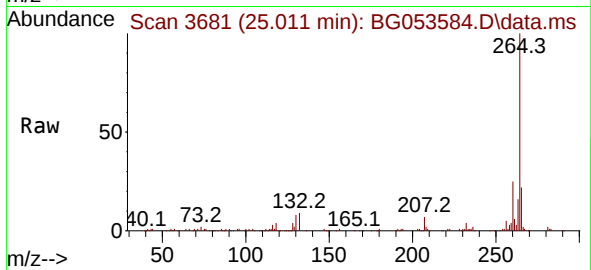
Tgt Ion:244 Resp: 499917
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.8 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053584.D
Acq: 17 May 2022 15:09

Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01



Tgt Ion:264 Resp: 172878
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.6
265 22.2 17.4 26.2

