

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053487.D
 Acq On : 9 May 2022 11:03
 Operator : CG/JU
 Sample : PB144630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144630BL

Quant Time: May 09 16:20:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

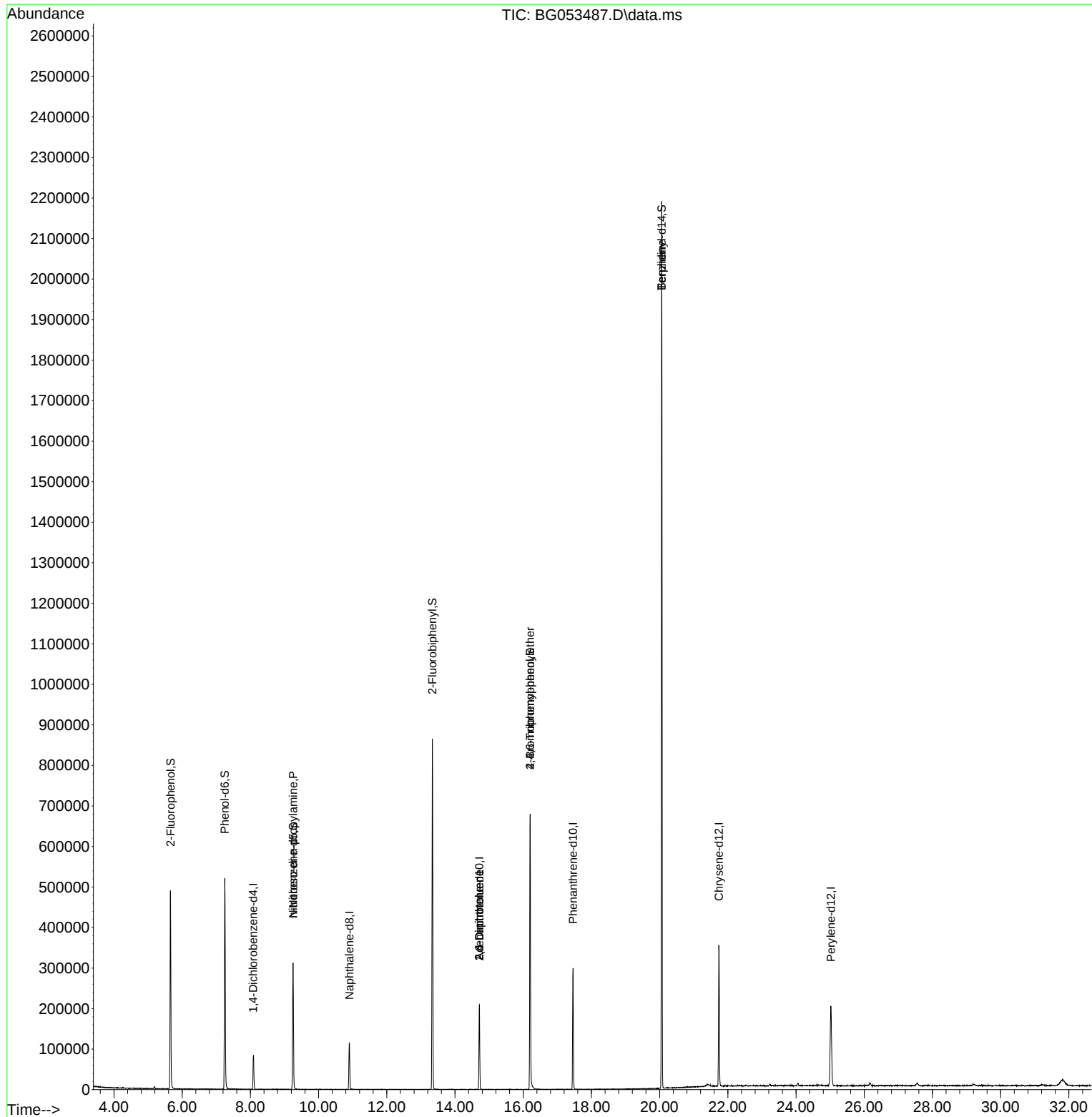
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	23444	20.000	ng	-0.01
21) Naphthalene-d8	10.905	136	98496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.717	164	78722	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	204228	20.000	ng	0.00
76) Chrysene-d12	21.737	240	227544	20.000	ng	# 0.00
86) Perylene-d12	25.021	264	226153	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	203815	147.544	ng	0.00
7) Phenol-d6	7.251	99	300202	143.194	ng	0.00
23) Nitrobenzene-d5	9.254	82	207395	89.633	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	148183	127.628	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	476503	88.451	ng	0.00
79) Terphenyl-d14	20.063	244	1080848	88.468	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	29209	19.418	ng	# 73
51) 2,6-Dinitrotoluene	14.717	165	9939	8.155	ng	# 17
57) 2,4-Dinitrotoluene	14.717	165	9939	5.626	ng	# 23
67) 4-Bromophenyl-phenylether	16.203	248	9359	3.924	ng	# 1
77) Benzidine	20.063	184	18853	3.844	ng	# 93

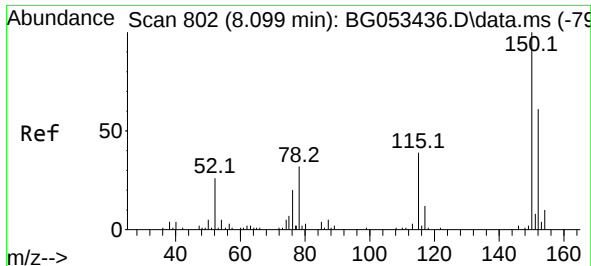
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053487.D
Acq On : 9 May 2022 11:03
Operator : CG/JU
Sample : PB144630BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144630BL

Quant Time: May 09 16:20:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

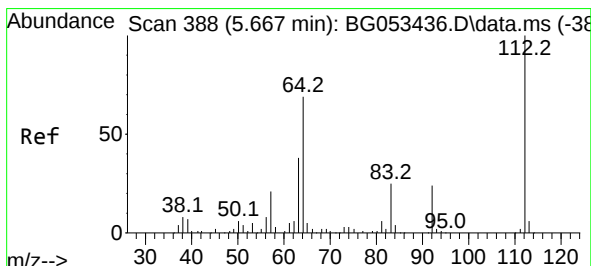
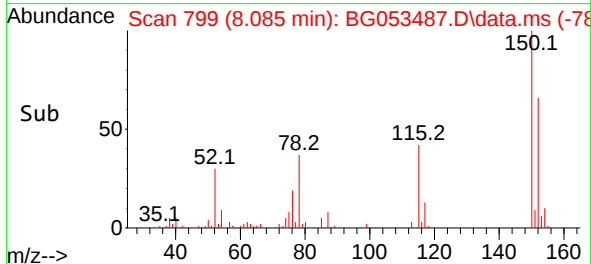
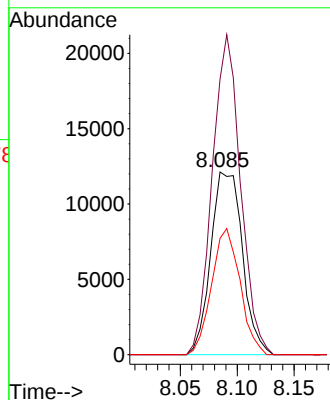
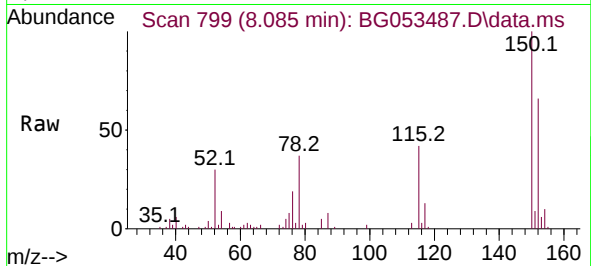




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.014 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

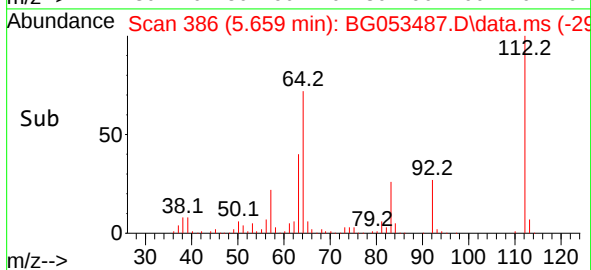
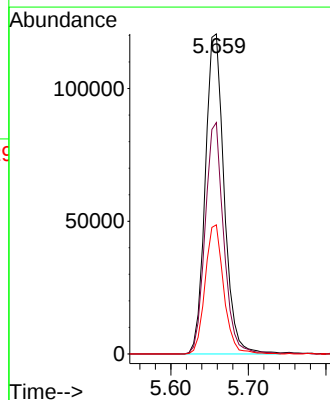
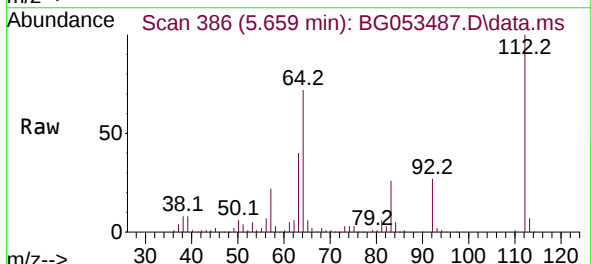
Instrument :
BNA_G
ClientSampleId :
PB144630BL

Tgt Ion:152 Resp: 23444
Ion Ratio Lower Upper
152 100
150 150.8 131.6 197.4
115 63.7 50.9 76.3



#5
2-Fluorophenol
Concen: 147.544 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:112 Resp: 203815
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 40.4 30.4 45.6

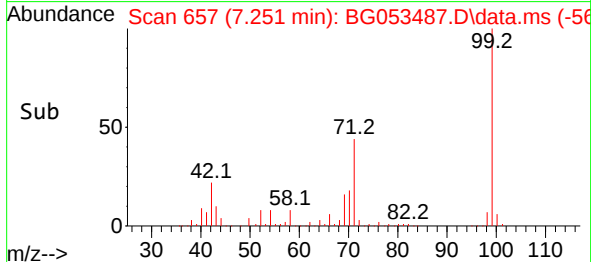
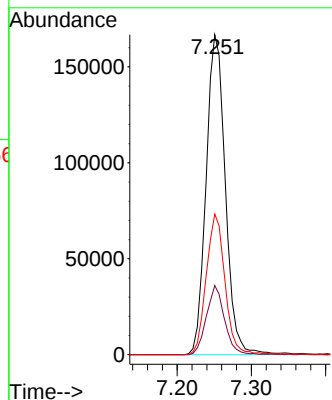
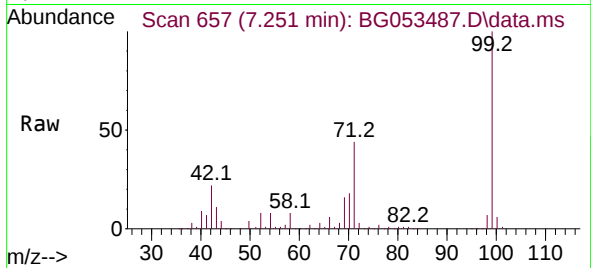




#7
Phenol-d6
Concen: 143.194 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

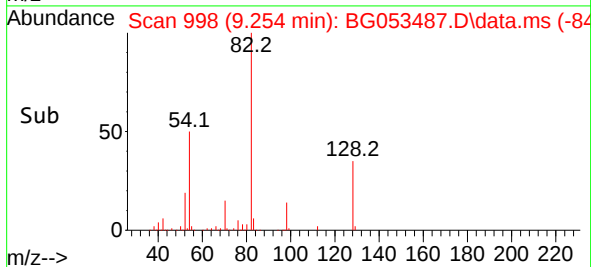
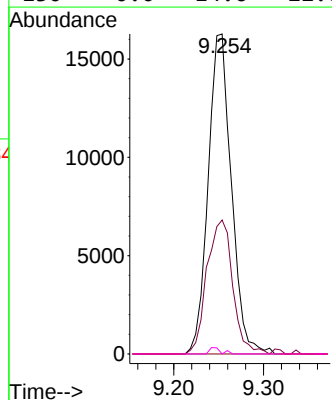
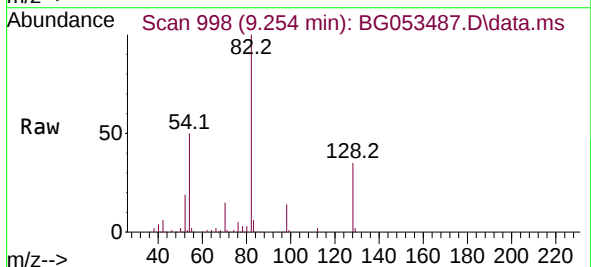
Instrument :
BNA_G
ClientSampleId :
PB144630BL

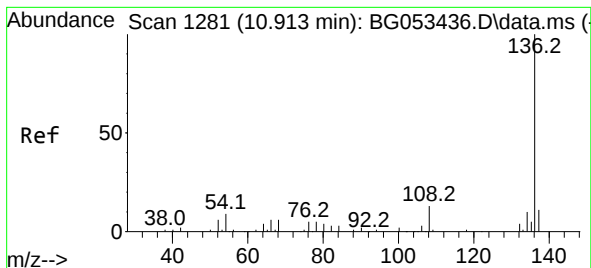
Tgt Ion: 99 Resp: 300202
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.418 ng
RT: 9.254 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion: 70 Resp: 29209
Ion Ratio Lower Upper
70 100
42 41.9 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: 10.905 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG053487.D

Acq: 9 May 2022 11:03

Instrument :

BNA_G

ClientSampleId :

PB144630BL

Tgt Ion:136 Resp: 98496

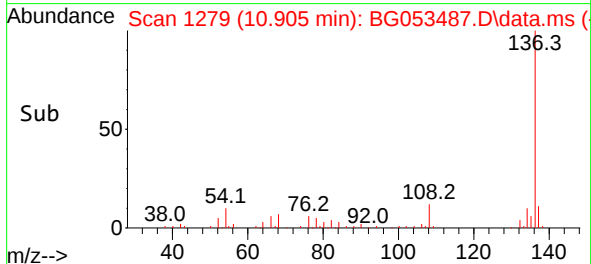
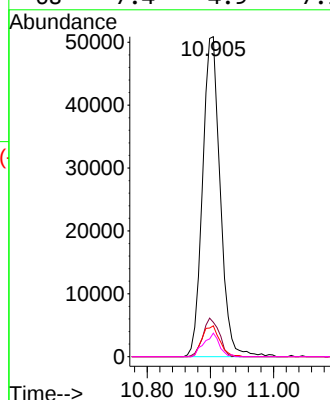
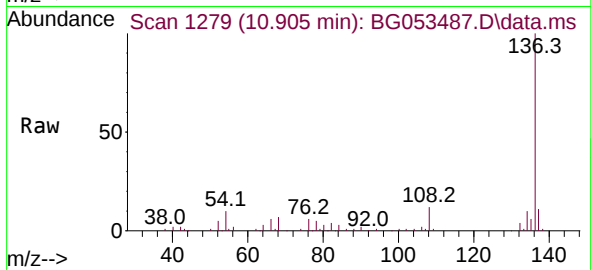
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.6 7.4 11.2

68 7.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 89.633 ng

RT: 9.254 min Scan# 998

Delta R.T. -0.008 min

Lab File: BG053487.D

Acq: 9 May 2022 11:03

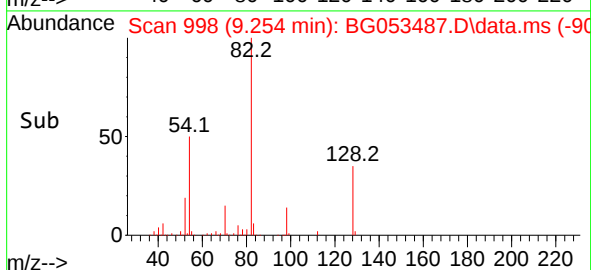
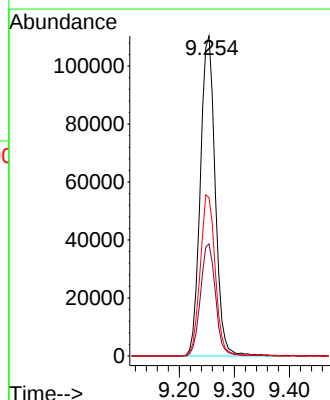
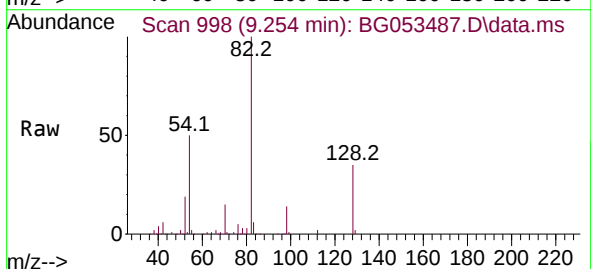
Tgt Ion: 82 Resp: 207395

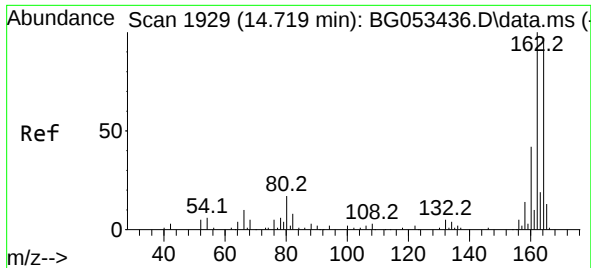
Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 49.5 41.2 61.8

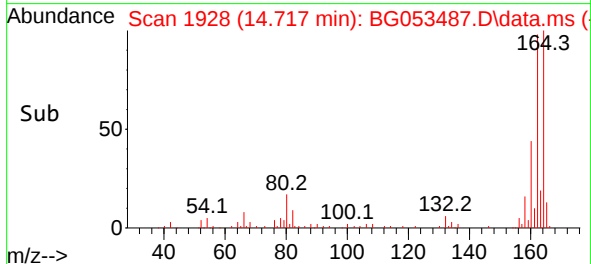
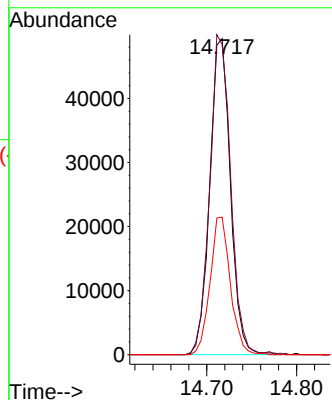
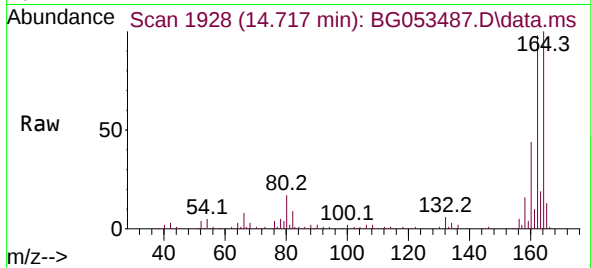




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

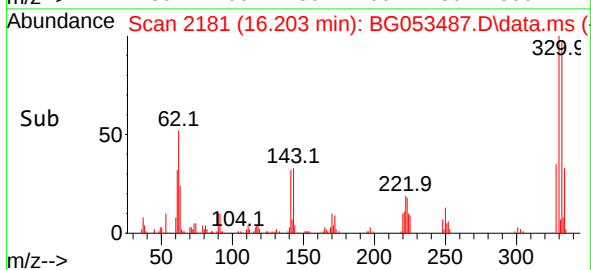
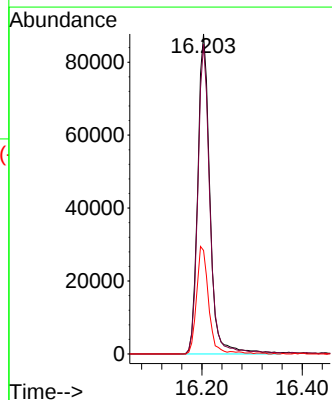
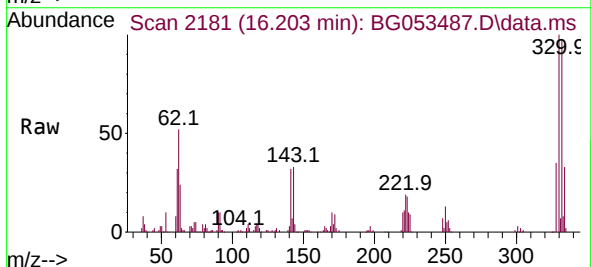
Instrument :
BNA_G
ClientSampleId :
PB144630BL

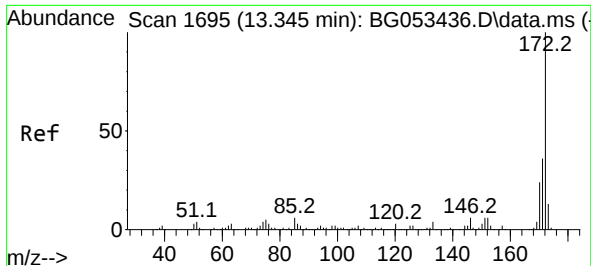
Tgt Ion:164 Resp: 78722
Ion Ratio Lower Upper
164 100
162 98.2 82.3 123.5
160 43.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 127.628 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:330 Resp: 148183
Ion Ratio Lower Upper
330 100
332 94.3 76.0 114.0
141 33.2 27.1 40.7

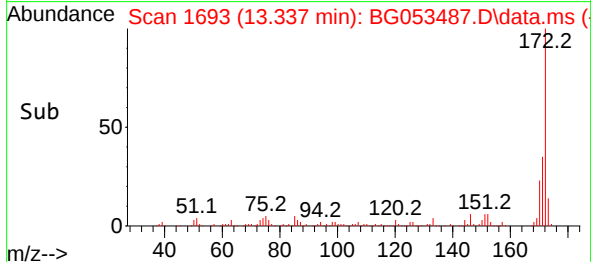
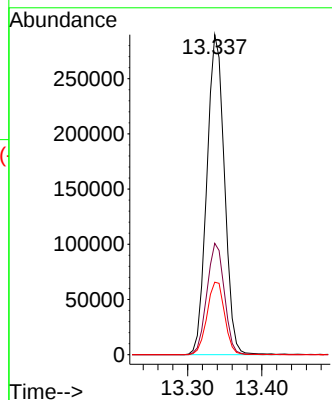
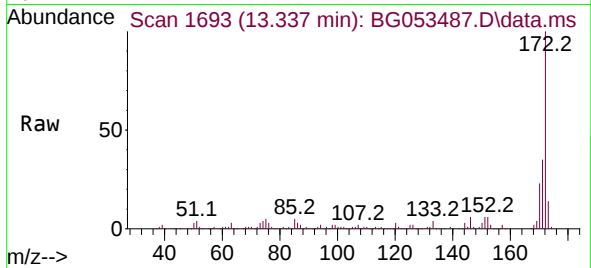




#45
2-Fluorobiphenyl
Concen: 88.451 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

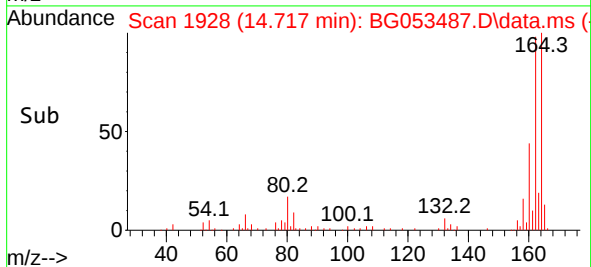
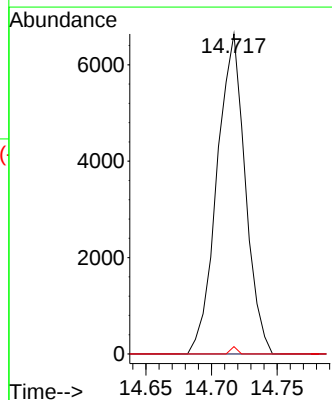
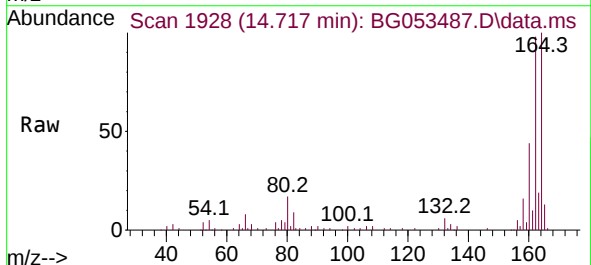
Instrument :
BNA_G
ClientSampleId :
PB144630BL

Tgt Ion:172 Resp: 476503
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 14.717 min Scan# 1928
Delta R.T. 0.427 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:165 Resp: 9939
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.3 54.8 82.2#

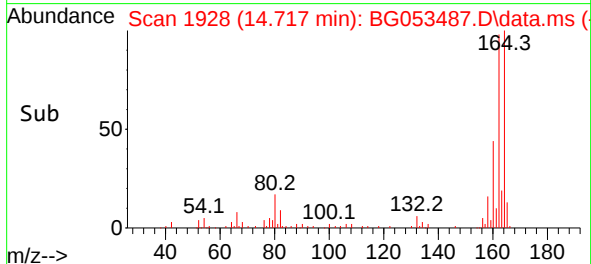
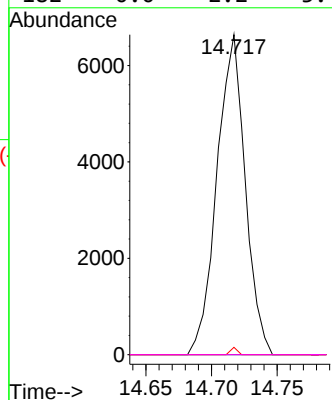
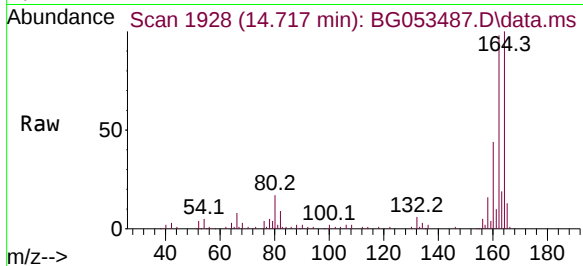




#57
2,4-Dinitrotoluene
Concen: 5.626 ng
RT: 14.717 min Scan# 1991
Delta R.T. -0.366 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

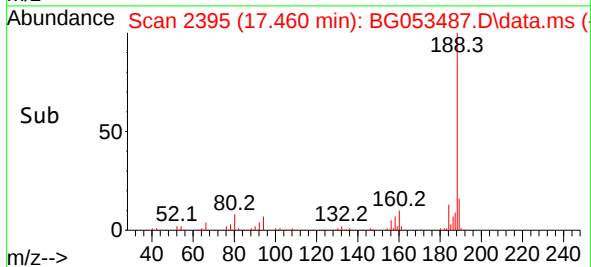
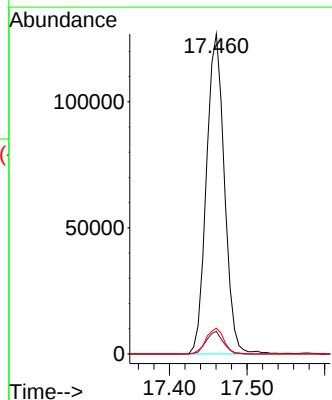
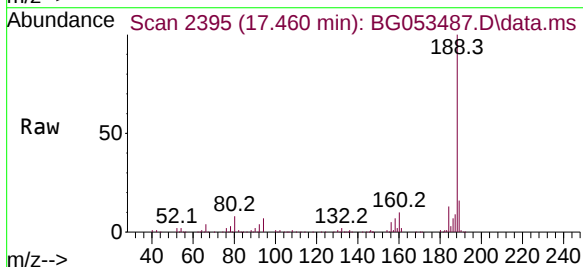
Instrument :
BNA_G
ClientSampleId :
PB144630BL

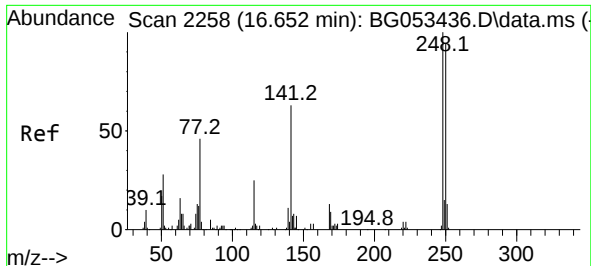
Tgt Ion:165 Resp: 9939
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.3 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:188 Resp: 204228
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.1 6.8 10.2

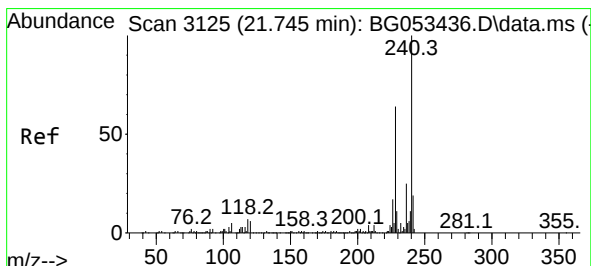
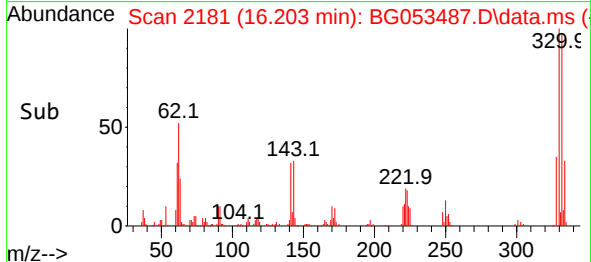
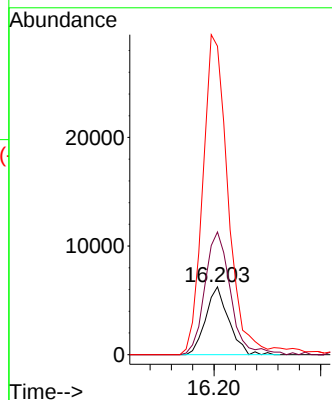
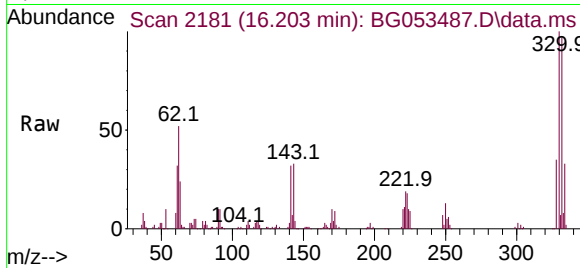




#67
4-Bromophenyl-phenylether
Concen: 3.924 ng
RT: 16.203 min Scan# 21181
Delta R.T. -0.449 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

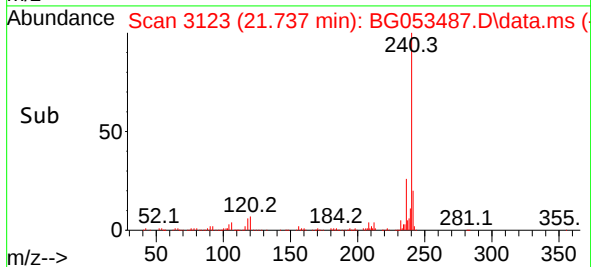
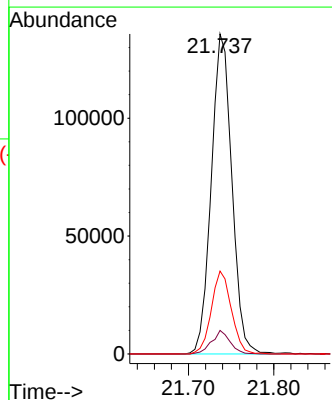
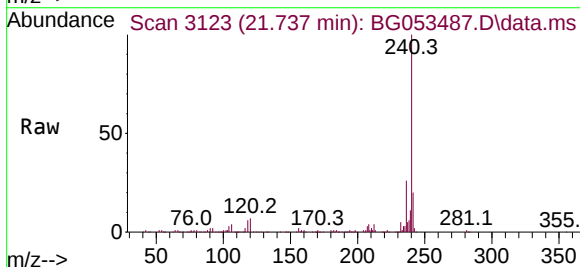
Instrument :
BNA_G
ClientSampleId :
PB144630BL

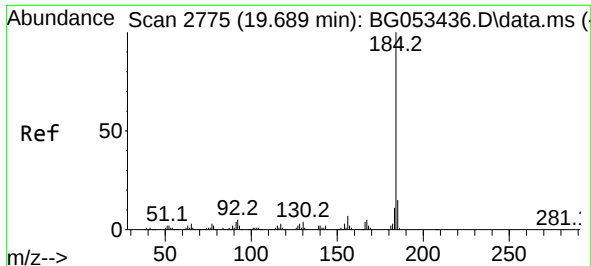
Tgt Ion:248 Resp: 9359
Ion Ratio Lower Upper
248 100
250 181.0 75.2 112.8#
141 455.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:240 Resp: 227544
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.9 20.2 30.4

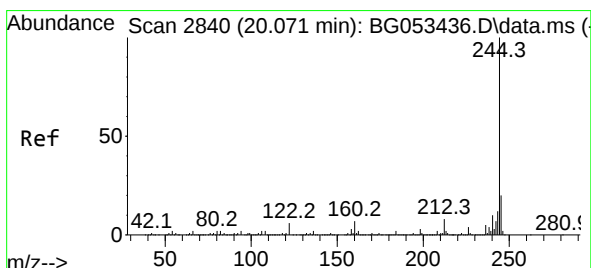
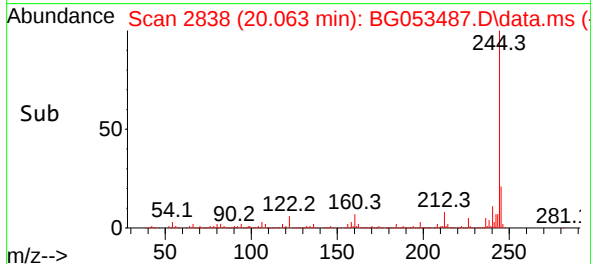
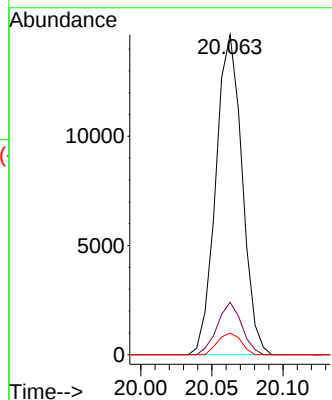
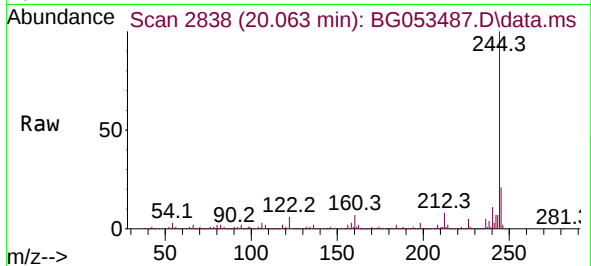




#77
Benzidine
Concen: 3.844 ng
RT: 20.063 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

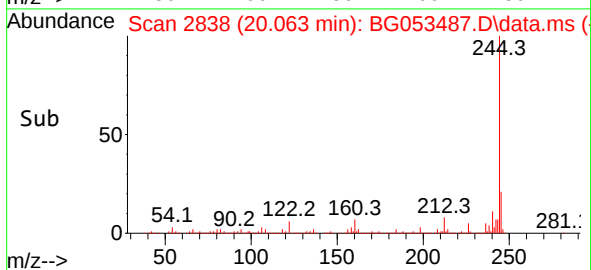
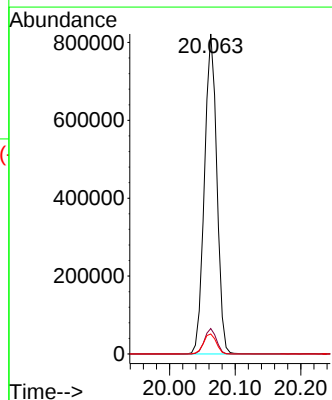
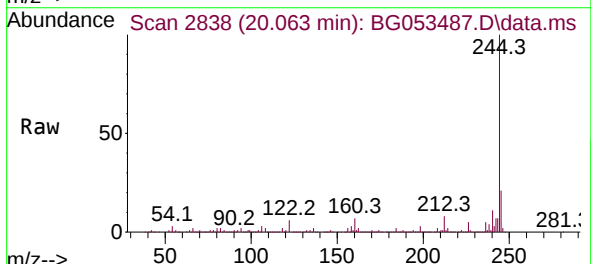
Instrument :
BNA_G
ClientSampleId :
PB144630BL

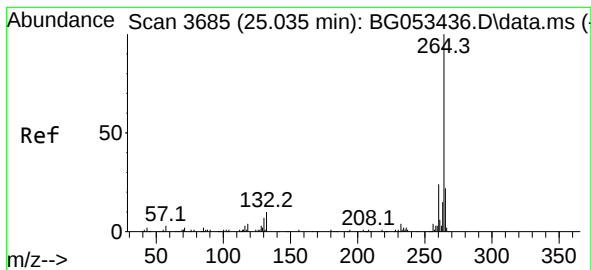
Tgt Ion:184 Resp: 18853
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 88.468 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:244 Resp: 1080848
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 6.3 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 30

Delta R.T. -0.014 min

Lab File: BG053487.D

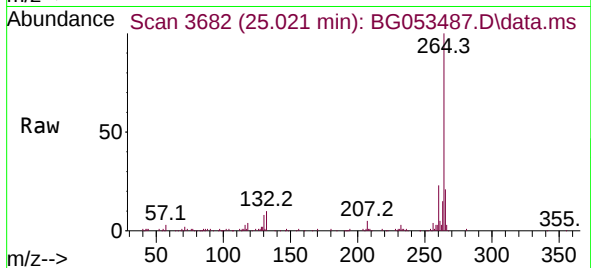
Acq: 9 May 2022 11:03

Instrument :

BNA_G

ClientSampleId :

PB144630BL



Tgt Ion:264 Resp: 226153

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.1 17.4 26.2

