

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053509.D
 Acq On : 10 May 2022 15:08
 Operator : CG/JU
 Sample : N2750-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-BU-12/8

Quant Time: May 11 06:03:06 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)

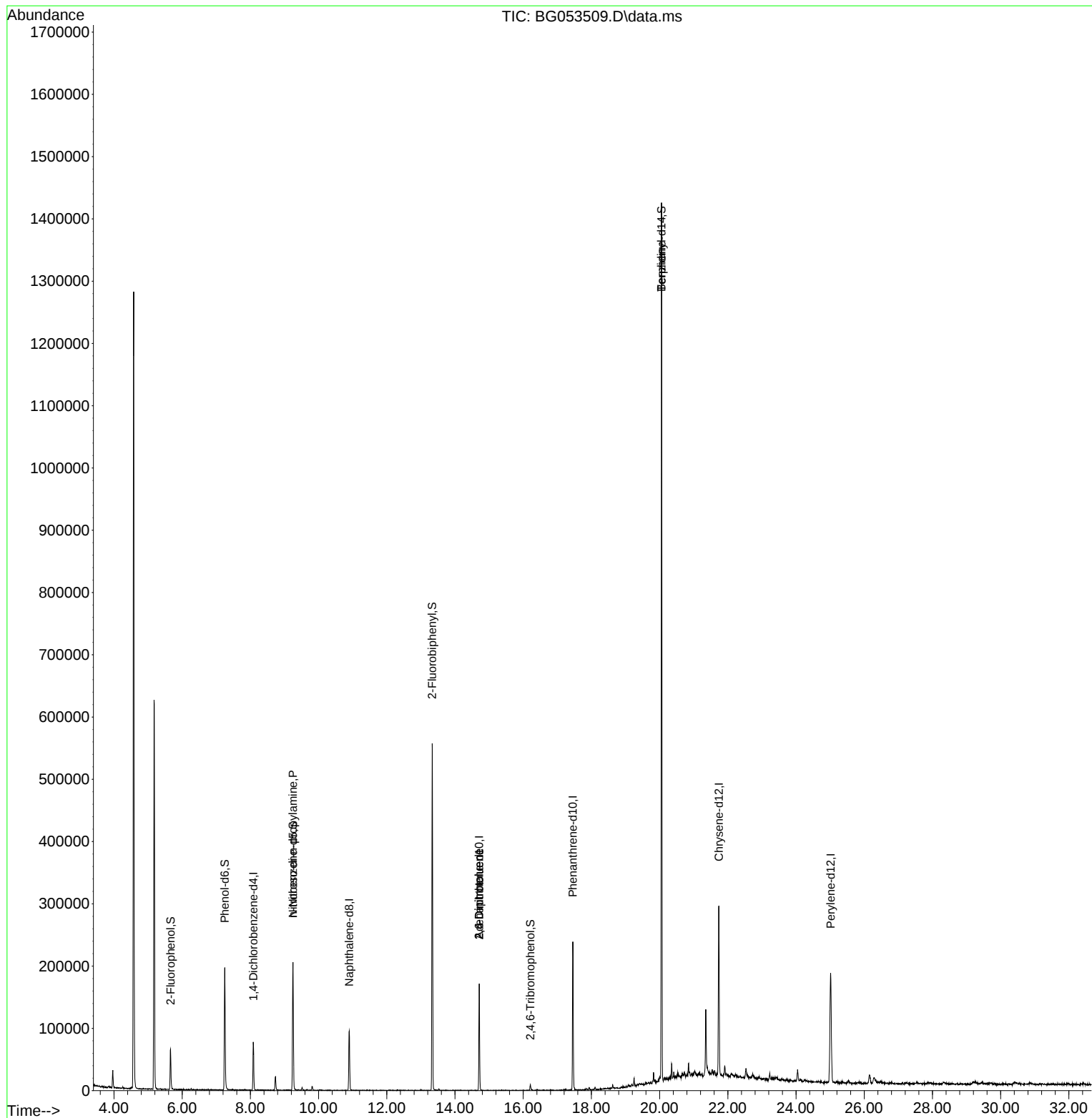
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	21532	20.000	ng	# 0.00
21) Naphthalene-d8	10.898	136	82173	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	61597	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	158206	20.000	ng	# 0.00
76) Chrysene-d12	21.737	240	187479	20.000	ng	0.00
86) Perylene-d12	25.014	264	196579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	28065	22.121	ng	0.00
7) Phenol-d6	7.250	99	117976	61.271	ng	0.00
23) Nitrobenzene-d5	9.248	82	133272	69.039	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	3065	3.374	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	305981	72.589	ng	0.00
79) Terphenyl-d14	20.056	244	709477	70.481	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	18234	13.199	ng	# 77
51) 2,6-Dinitrotoluene	14.711	165	7753	8.130	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	7753	5.609	ng	# 21
77) Benzidine	20.056	184	12029	2.977	ng	# 90

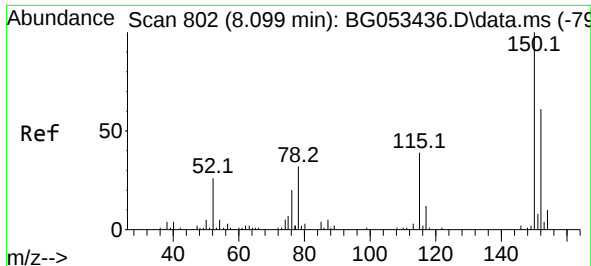
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053509.D
Acq On : 10 May 2022 15:08
Operator : CG/JU
Sample : N2750-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

Quant Time: May 11 06:03:06 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

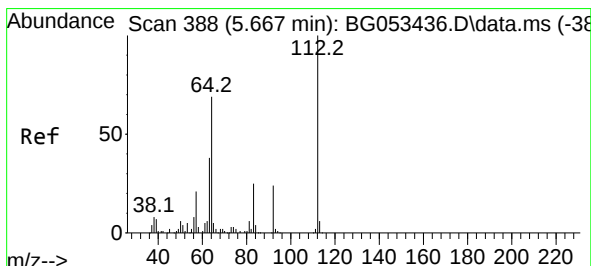
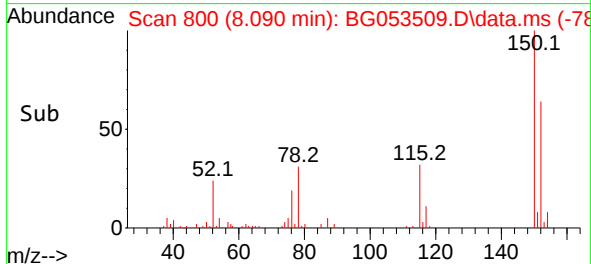
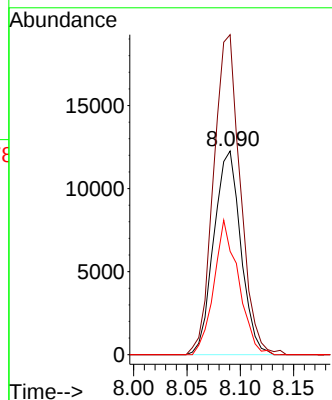
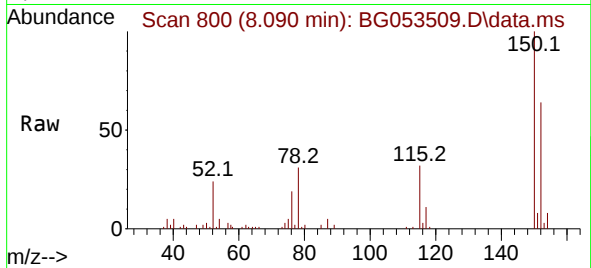




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

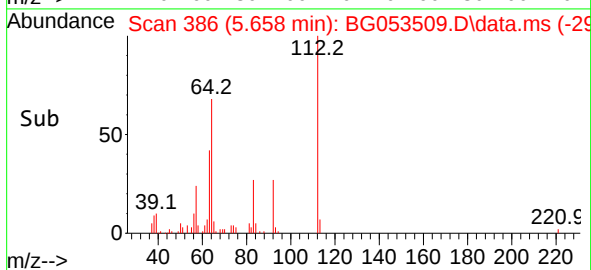
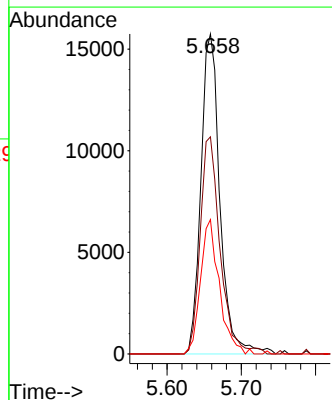
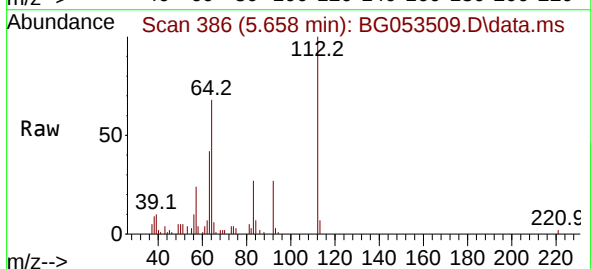
Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

Tgt Ion:152 Resp: 21532
Ion Ratio Lower Upper
152 100
150 157.1 131.6 197.4
115 50.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 22.121 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion:112 Resp: 28065
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 42.0 30.4 45.6

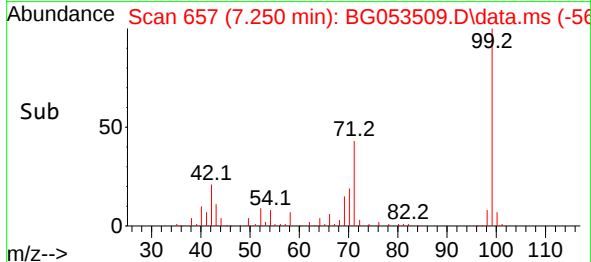
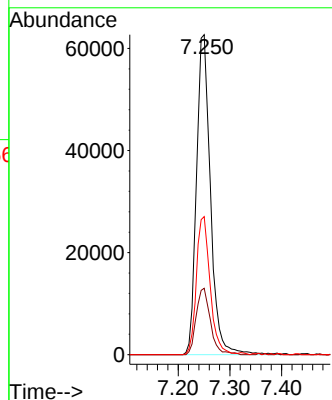
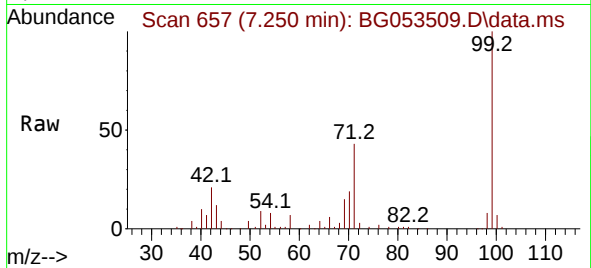




#7
Phenol-d6
Concen: 61.271 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

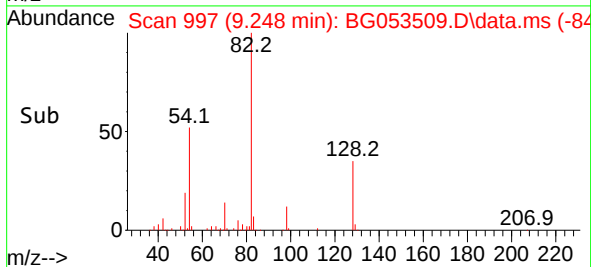
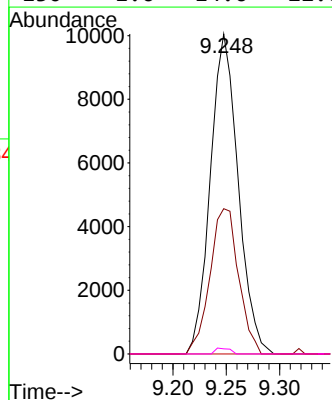
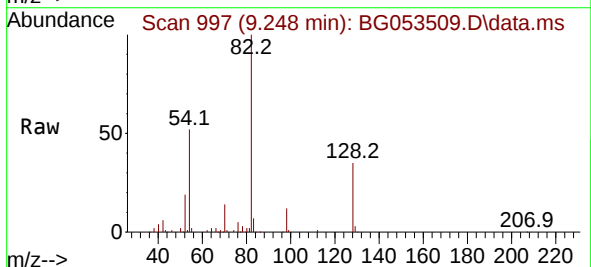
Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

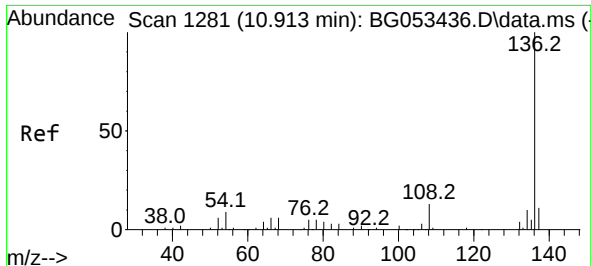
Tgt Ion: 99 Resp: 117976
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.199 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.359 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion: 70 Resp: 18234
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

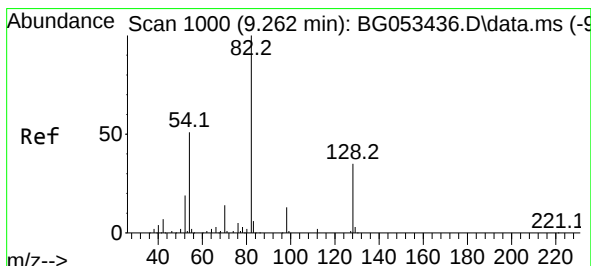
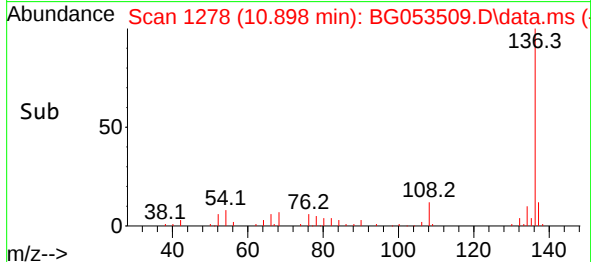
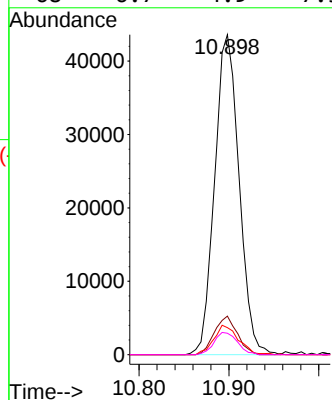
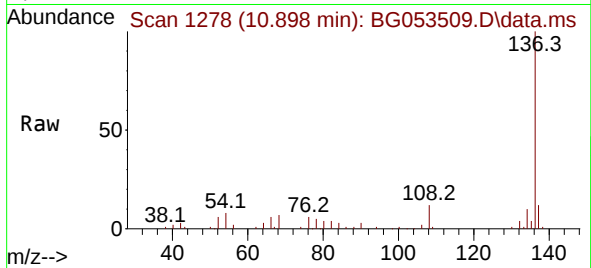




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

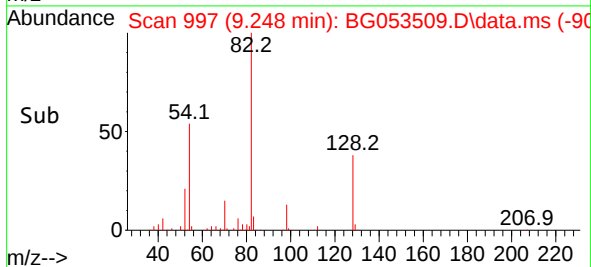
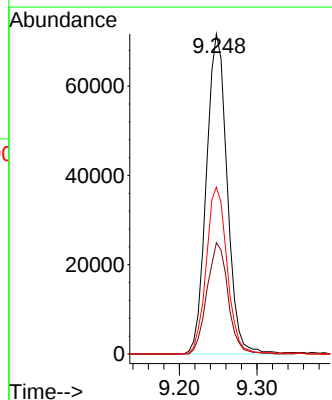
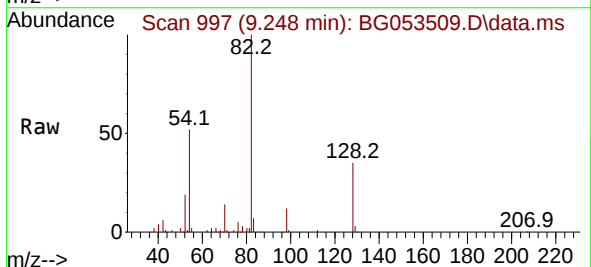
Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

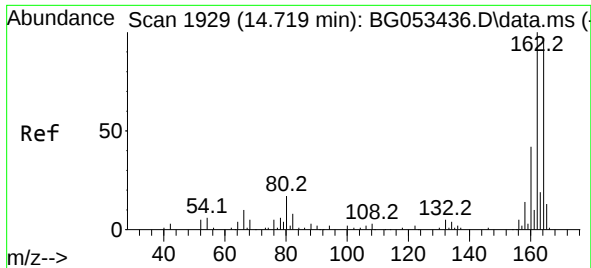
Tgt Ion:	136	Resp:	82173
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	8.4	7.4	11.2
68	6.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 69.039 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion:	82	Resp:	133272
Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.9	41.9
54	52.1	41.2	61.8

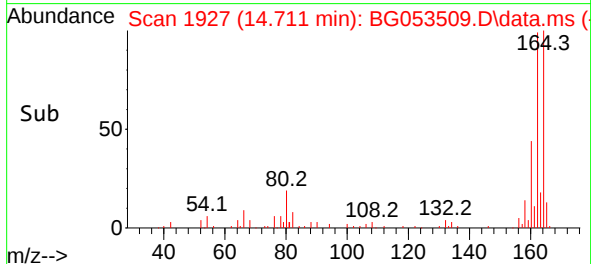
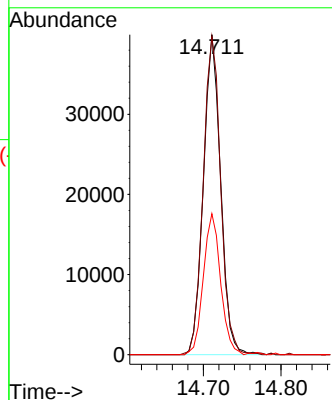
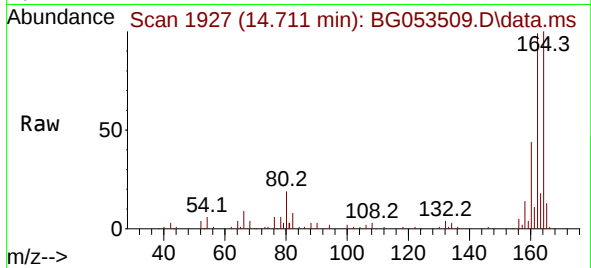




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

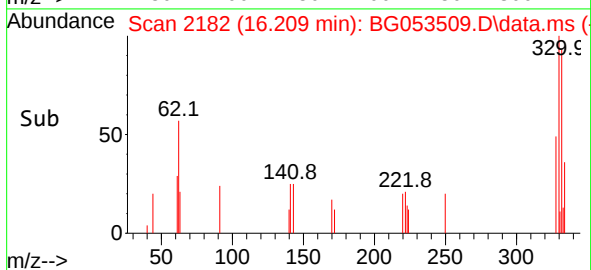
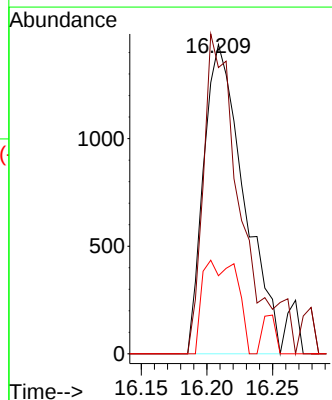
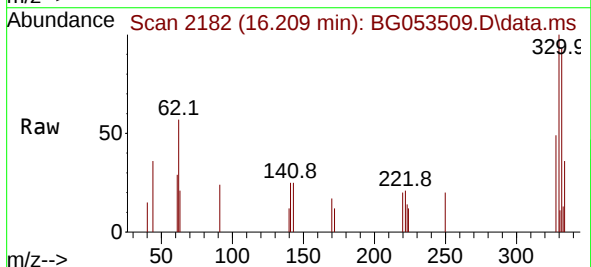
Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

Tgt Ion:164 Resp: 61597
Ion Ratio Lower Upper
164 100
162 99.4 82.3 123.5
160 44.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 3.374 ng
RT: 16.209 min Scan# 2182
Delta R.T. 0.007 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion:330 Resp: 3065
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 25.9 27.1 40.7#

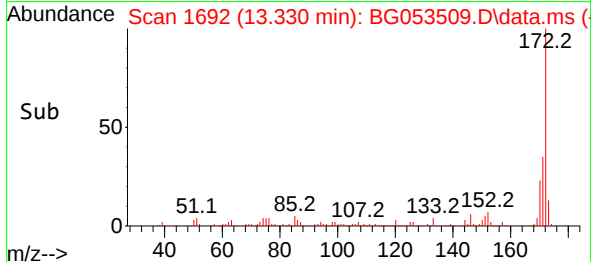
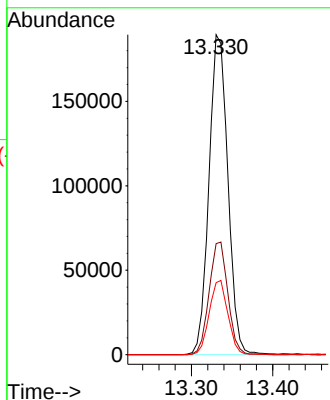
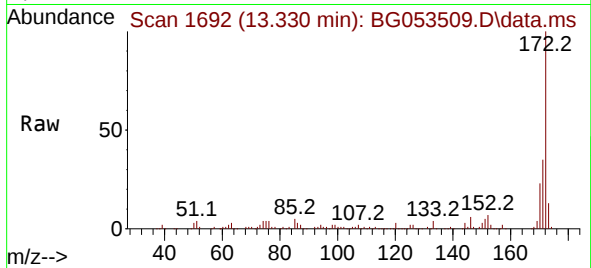




#45
2-Fluorobiphenyl
Concen: 72.589 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

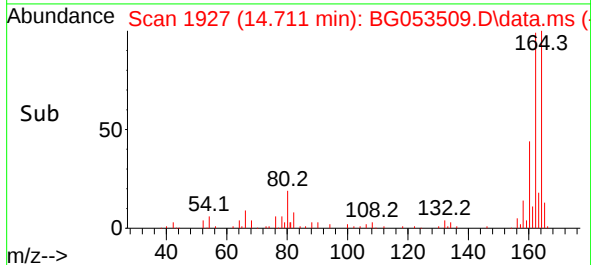
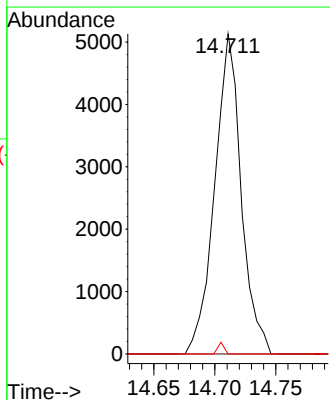
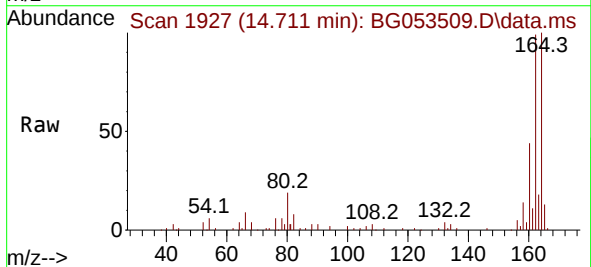
Instrument :
BNA_G
ClientSampleId :
T-BU-12/8

Tgt Ion:172 Resp: 305981
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.430 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion:165 Resp: 7753
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: 5.609 ng

RT: 14.711 min Scan# 1991

Delta R.T. -0.363 min

Lab File: BG053509.D

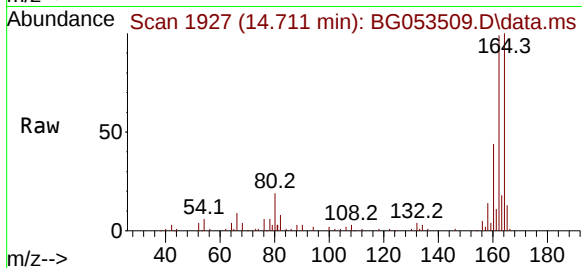
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Instrument :

BNA_G

ClientSampleId :

T-BU-12/8



Tgt Ion:165 Resp: 7753

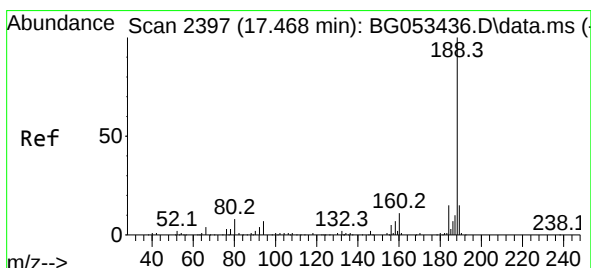
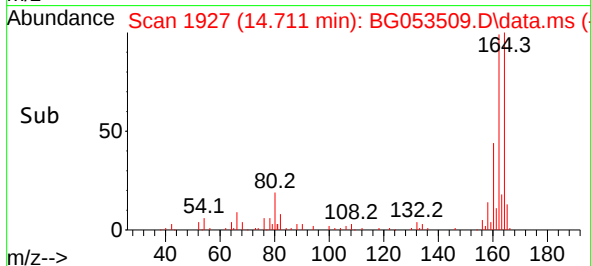
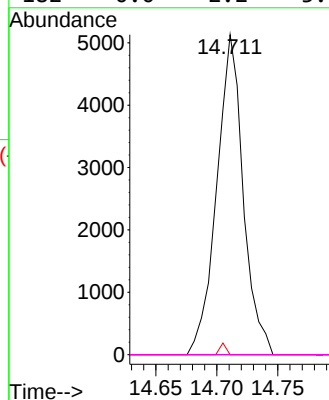
Ion Ratio Lower Upper

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: 17.454 min Scan# 2394

Delta R.T. -0.005 min

Lab File: BG053509.D

Acq: 10 May 2022 15:08

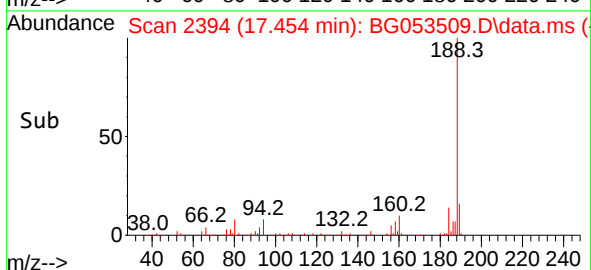
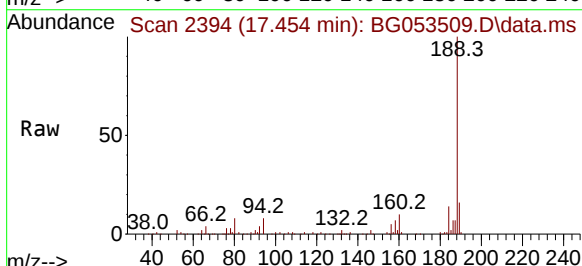
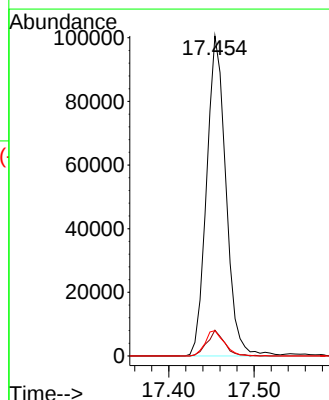
Tgt Ion:188 Resp: 158206

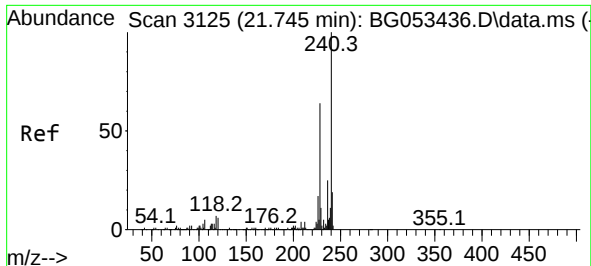
Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.0#

80 7.9 6.8 10.2

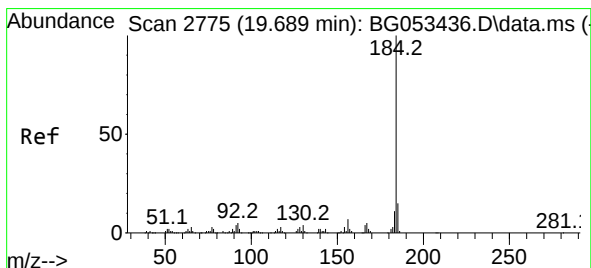
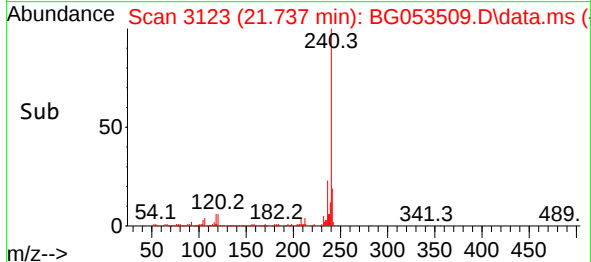
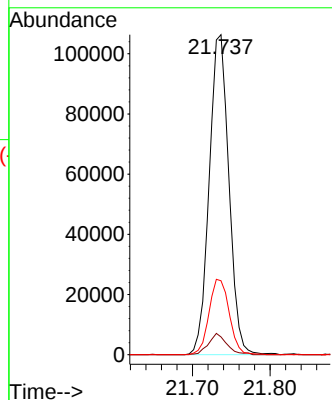
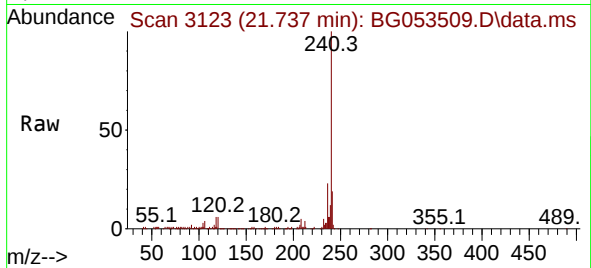




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

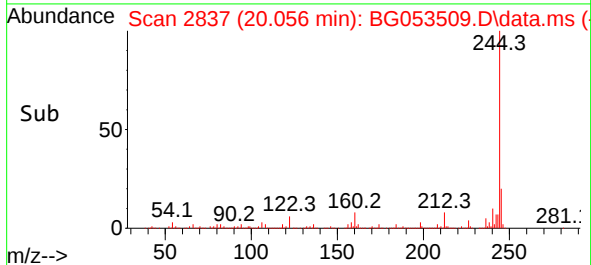
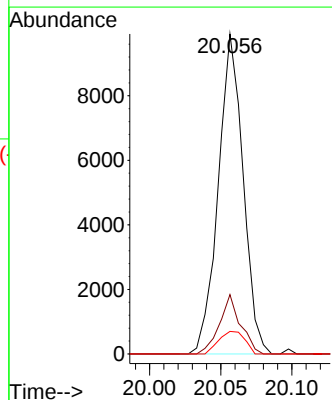
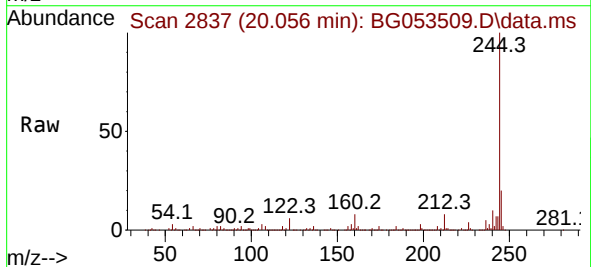
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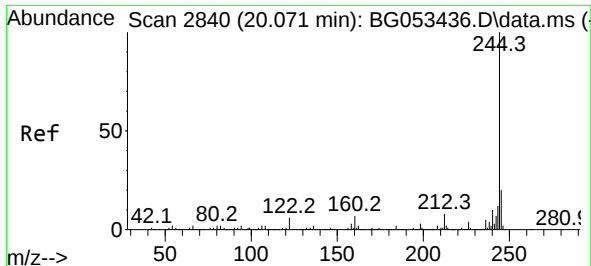
Tgt Ion:240 Resp: 187479
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 23.1 20.2 30.4



#77
Benzidine
Concen: 2.977 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.377 min
Lab File: BG053509.D
Acq: 10 May 2022 15:08

Tgt Ion:184 Resp: 12029
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 7.0 8.9 13.3#

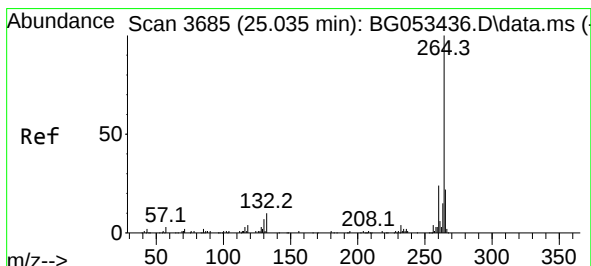
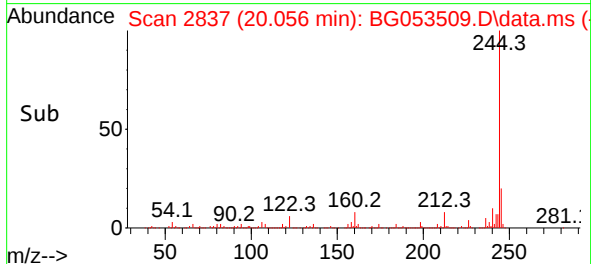
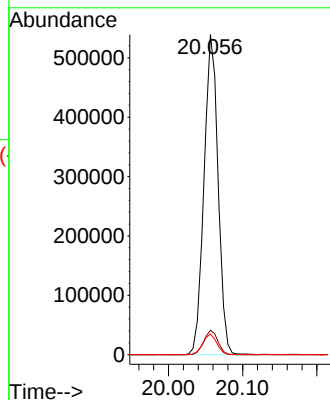
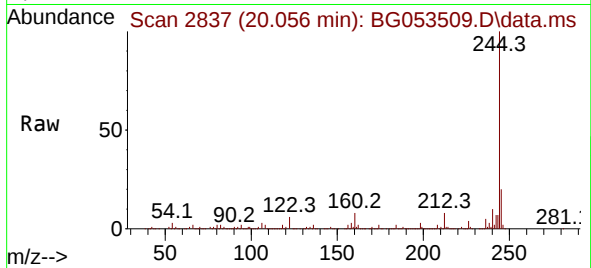




#79
 Terphenyl-d14
 Concen: 70.481 ng
 RT: 20.056 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053509.D
 Acq: 10 May 2022 15:08

Instrument :
 BNA_G
 ClientSampleId :
 T-BU-12/8

Tgt Ion:244 Resp: 709477
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.014 min Scan# 3681
 Delta R.T. -0.005 min
 Lab File: BG053509.D
 Acq: 10 May 2022 15:08

Tgt Ion:264 Resp: 196579
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 21.9 17.4 26.2

