

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055495.D
 Acq On : 8 Nov 2022 3:05
 Operator : CG/JU
 Sample : N5415-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 04:21:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

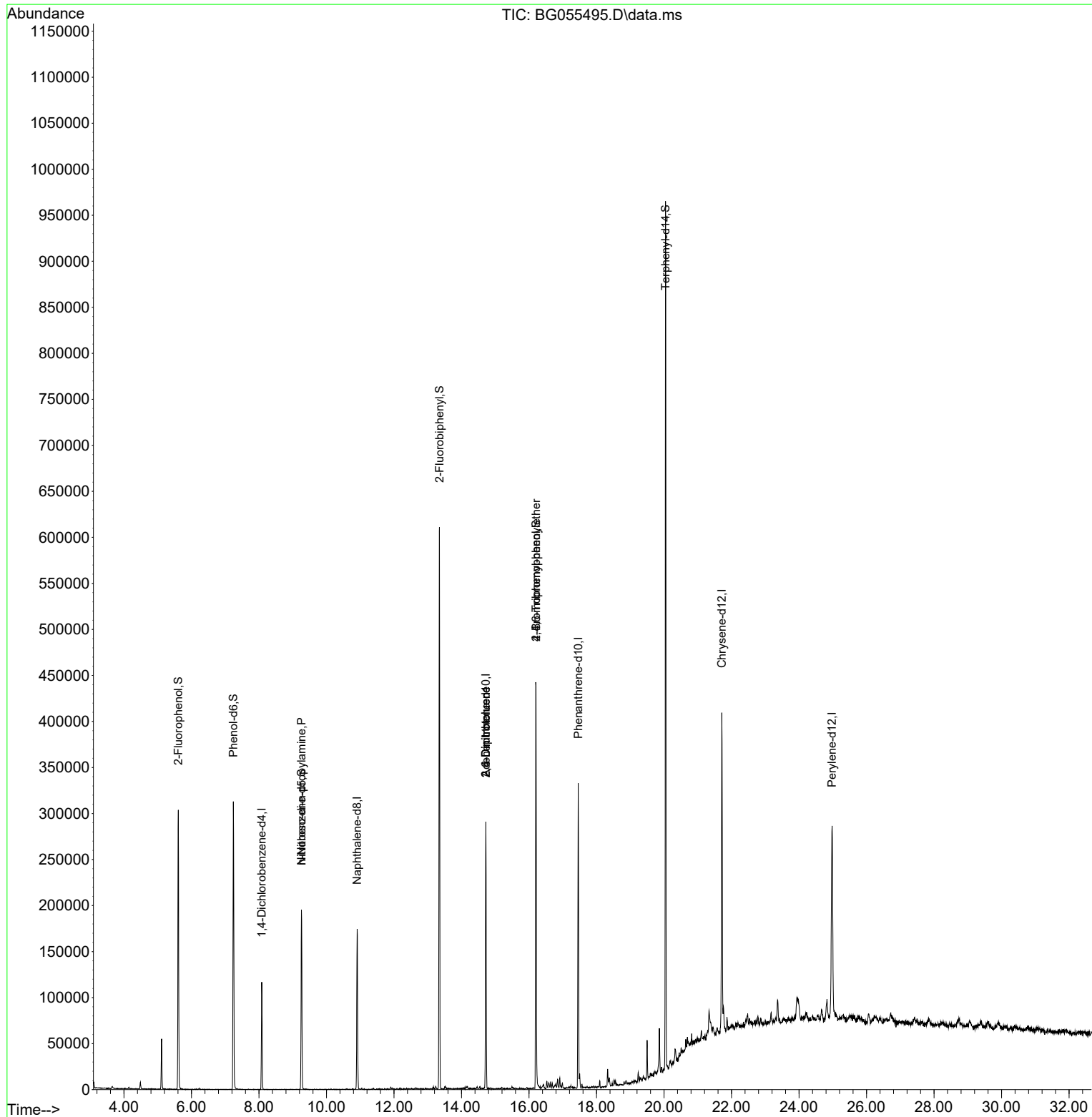
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	35956	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	161832	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	106924	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	220012	20.000	ng	0.00
76) Chrysene-d12	21.713	240	212599	20.000	ng	-0.01
86) Perylene-d12	24.974	264	242420	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	159177	79.502	ng	0.00
7) Phenol-d6	7.242	99	208112	74.954	ng	0.00
23) Nitrobenzene-d5	9.257	82	123737	40.749	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	114336	78.395	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	338686	46.964	ng	0.00
79) Terphenyl-d14	20.044	244	498448	45.591	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.257	70	15891	7.325	ng	# 73
51) 2,6-Dinitrotoluene	14.721	165	13708	7.336	ng	# 27
57) 2,4-Dinitrotoluene	14.721	165	13708	5.131	ng	# 25
67) 4-Bromophenyl-phenylether	16.208	248	6852	2.635	ng	# 1

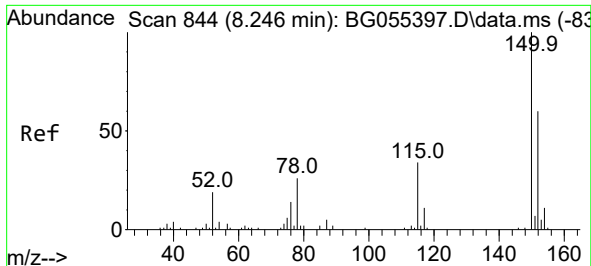
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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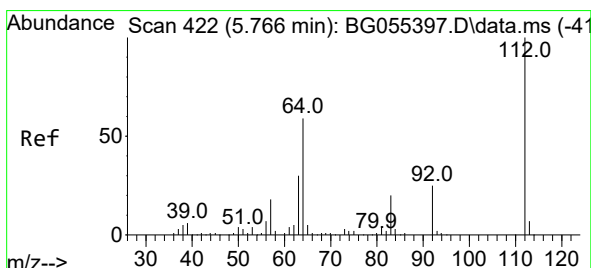
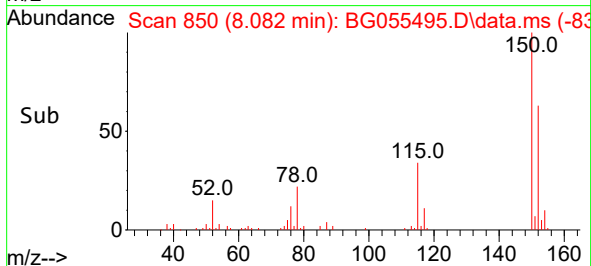
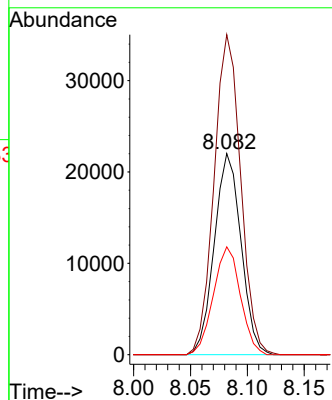
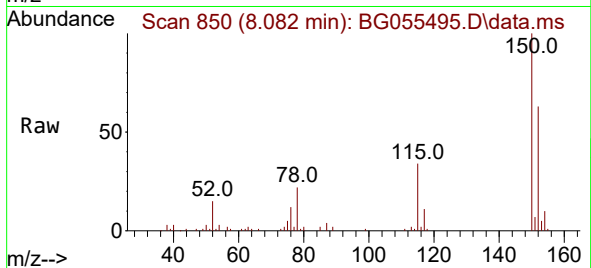




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

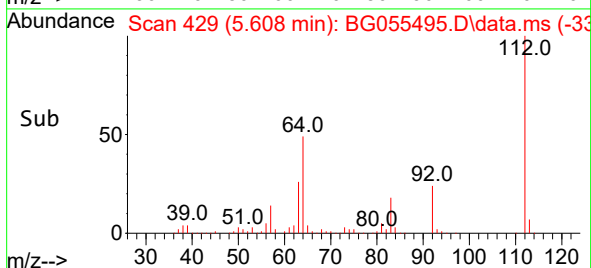
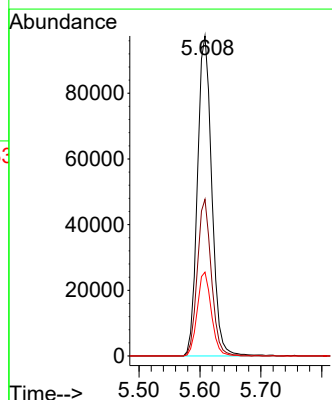
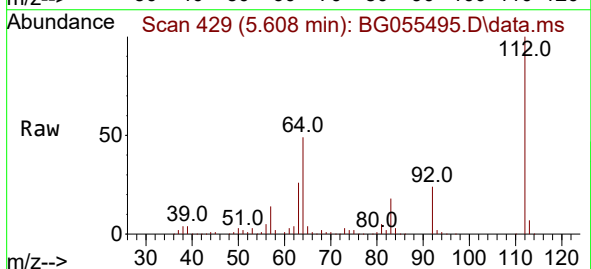
Instrument :
BNA_G
ClientSampleId :

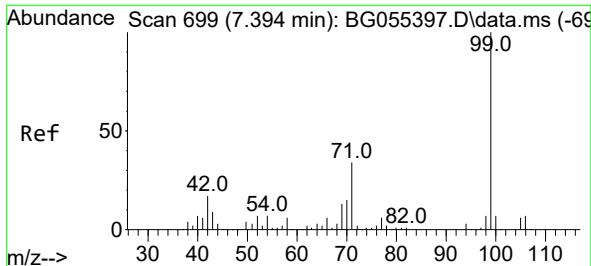
Tgt Ion:152 Resp: 35956
Ion Ratio Lower Upper
152 100
150 159.1 132.8 199.2
115 53.6 45.1 67.7



#5
2-Fluorophenol
Concen: 79.502 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

Tgt Ion:112 Resp: 159177
Ion Ratio Lower Upper
112 100
64 49.0 47.2 70.8
63 26.2 24.3 36.5

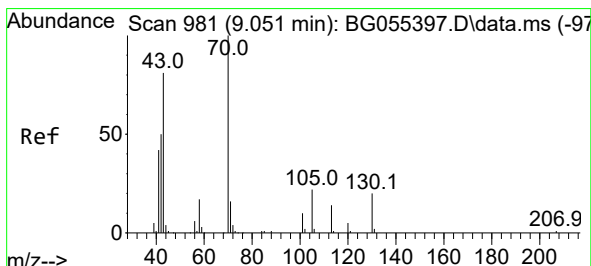
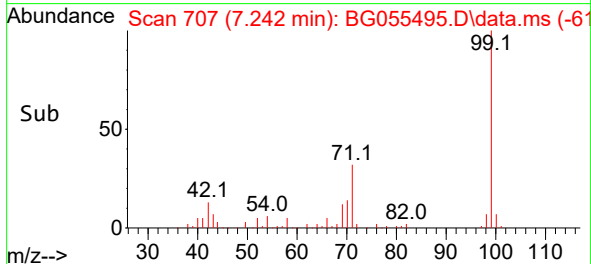
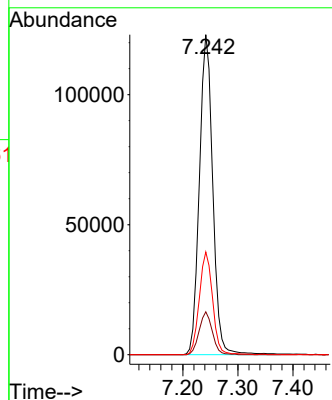
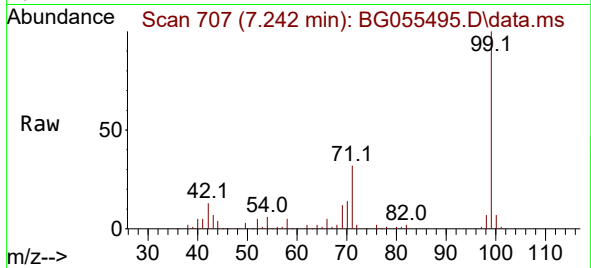




#7
Phenol-d6
Concen: 74.954 ng
RT: 7.242 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

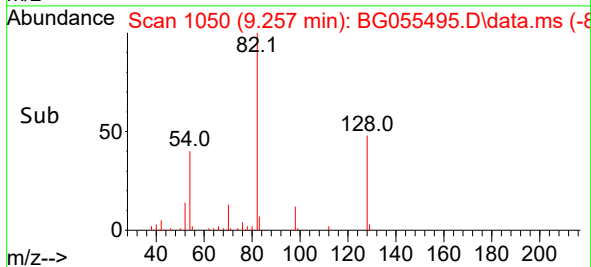
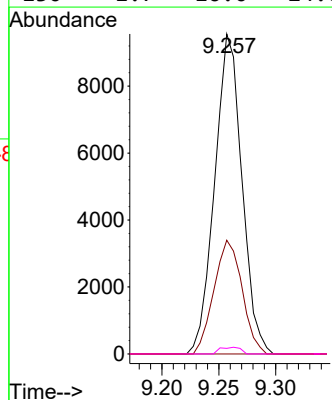
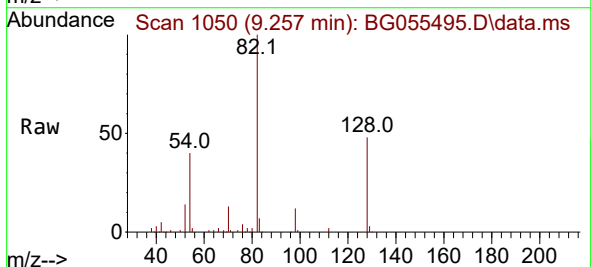
Instrument :
BNA_G
ClientSampleId :

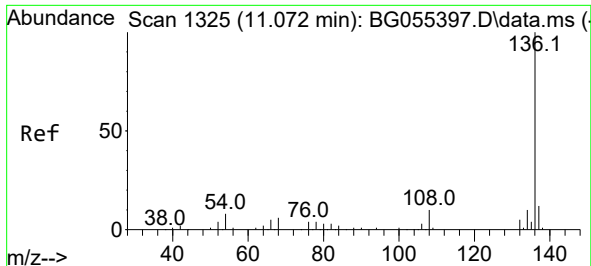
Tgt Ion: 99 Resp: 208112
Ion Ratio Lower Upper
99 100
42 13.4 13.5 20.3#
71 32.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.325 ng
RT: 9.257 min Scan# 1050
Delta R.T. 0.358 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

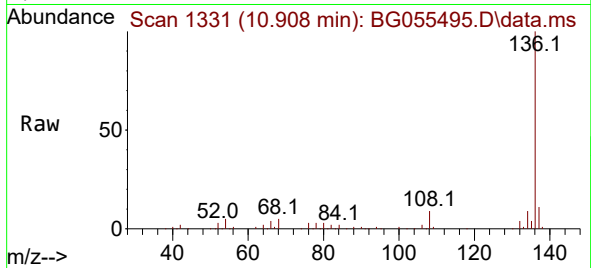
Tgt Ion: 70 Resp: 15891
Ion Ratio Lower Upper
70 100
42 35.6 40.6 61.0#
101 0.0 7.8 11.6#
130 1.7 16.0 24.0#



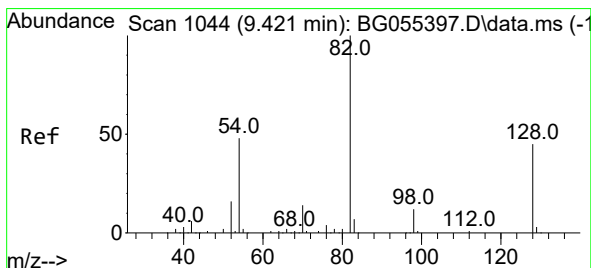
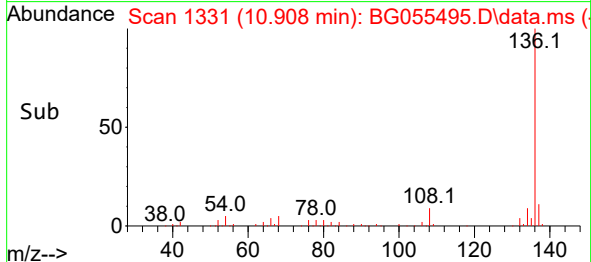
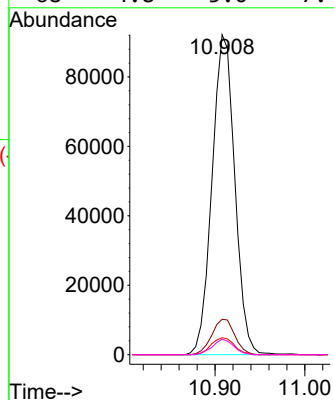


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

Instrument :
BNA_G
ClientSampleId :

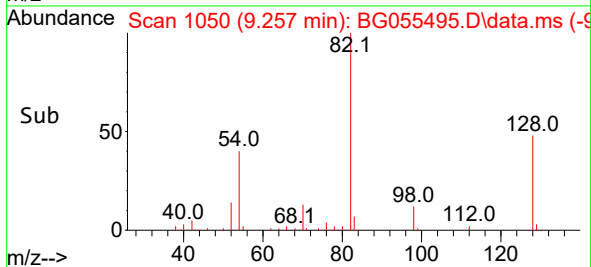
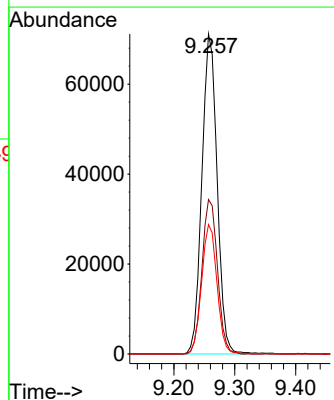
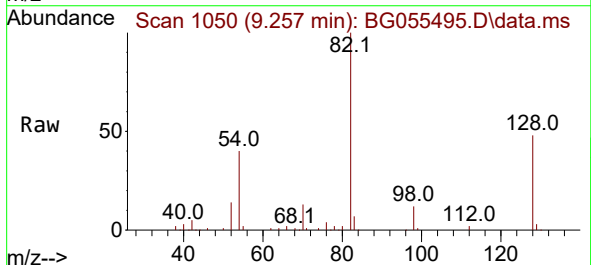


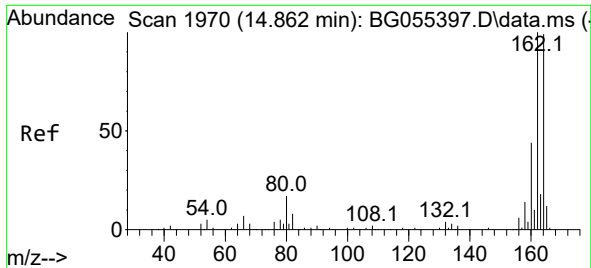
Tgt Ion:136 Resp: 161832
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 5.3 6.1 9.1#
68 4.8 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 40.749 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

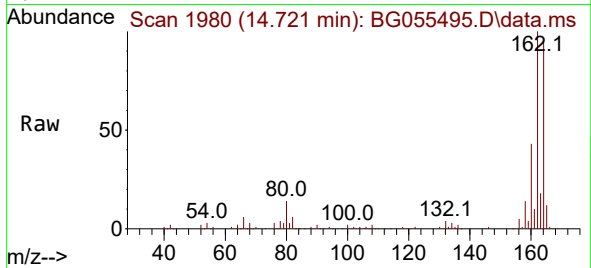
Tgt Ion: 82 Resp: 123737
Ion Ratio Lower Upper
82 100
128 48.3 35.8 53.8
54 40.5 38.1 57.1



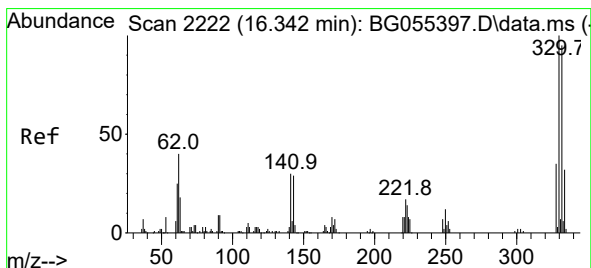
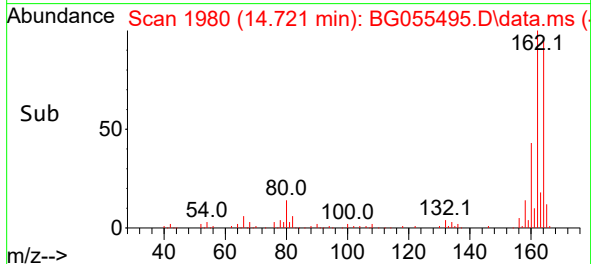
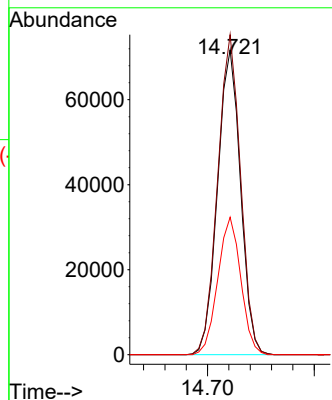


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

Instrument :
BNA_G
ClientSampleId :

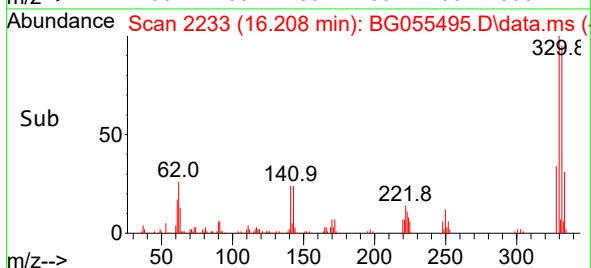
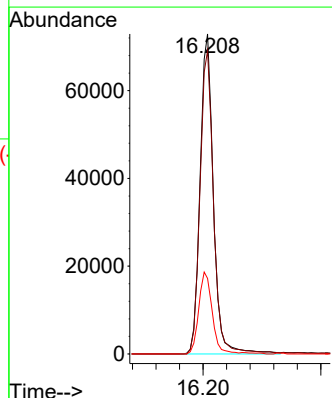
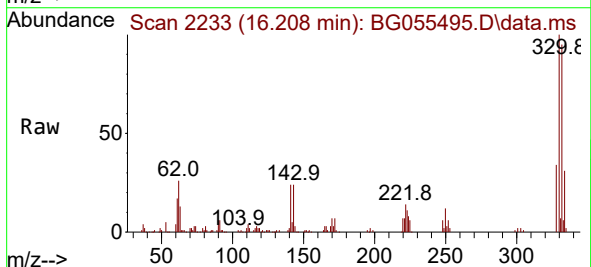


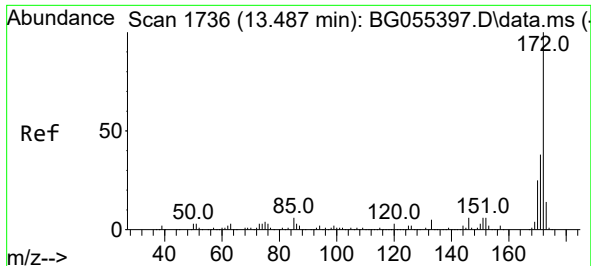
Tgt Ion:164 Resp: 106924
Ion Ratio Lower Upper
164 100
162 105.0 81.1 121.7
160 45.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 78.395 ng
RT: 16.208 min Scan# 2233
Delta R.T. -0.007 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

Tgt Ion:330 Resp: 114336
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 25.7 24.2 36.2

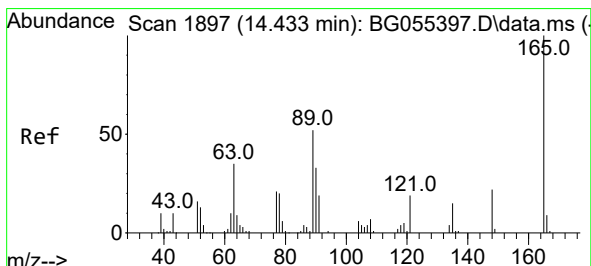
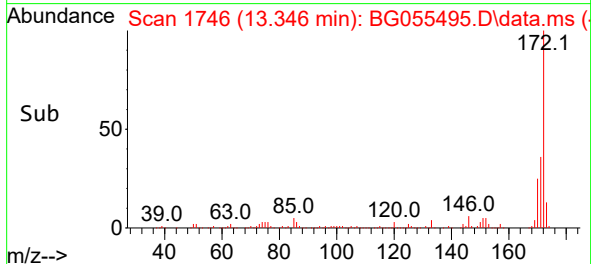
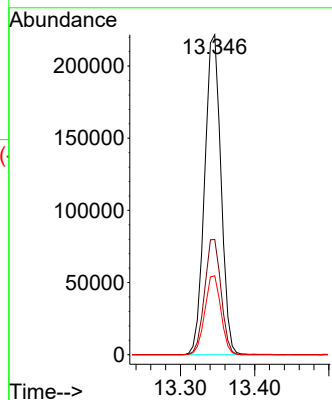
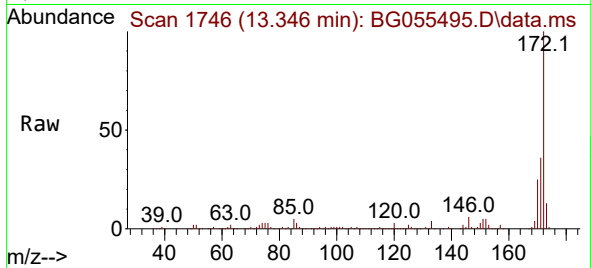




#45
2-Fluorobiphenyl
Concen: 46.964 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

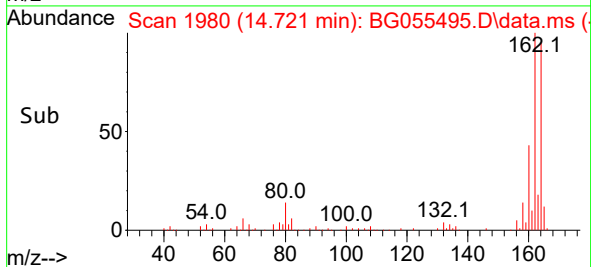
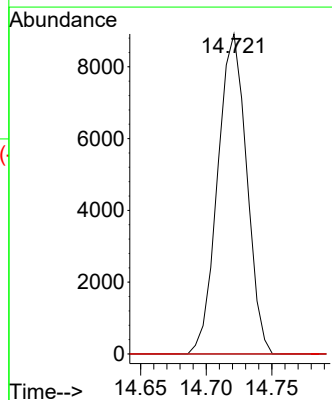
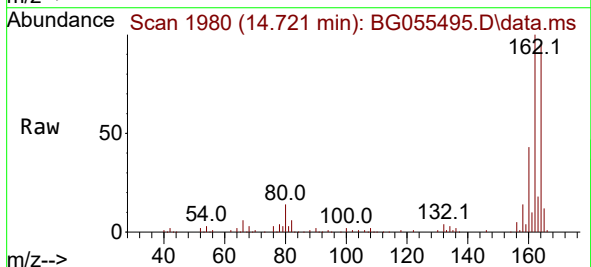
Instrument :
BNA_G
ClientSampleId :

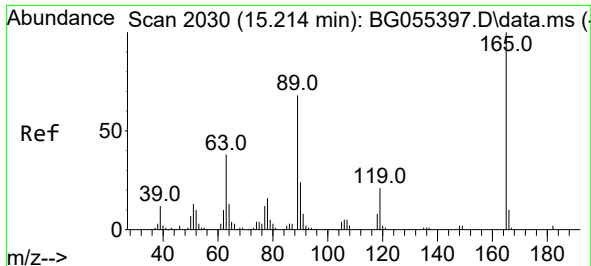
Tgt Ion:172 Resp: 338686
Ion Ratio Lower Upper
172 100
171 36.0 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.336 ng
RT: 14.721 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

Tgt Ion:165 Resp: 13708
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.131 ng

RT: 14.721 min Scan# 1980

Delta R.T. -0.371 min

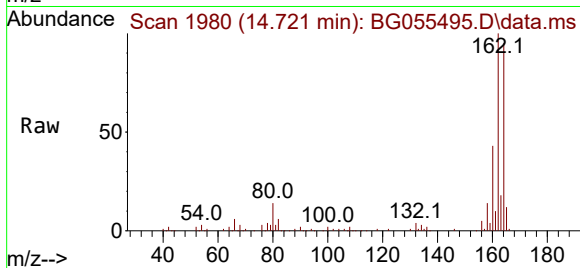
Lab File: BG055495.D

Acq: 8 Nov 2022 3:05

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13708

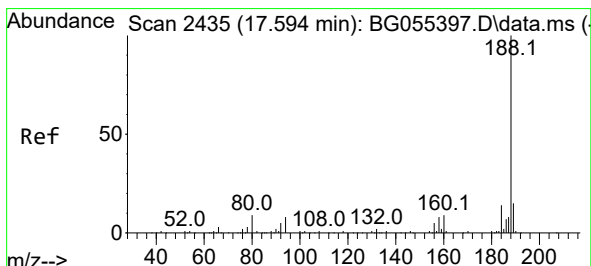
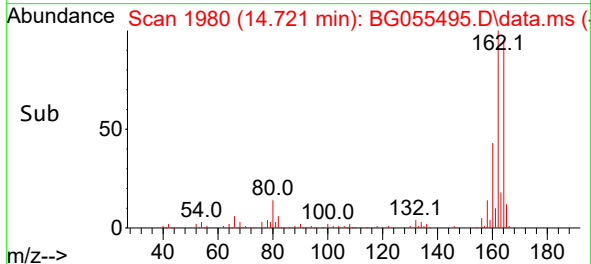
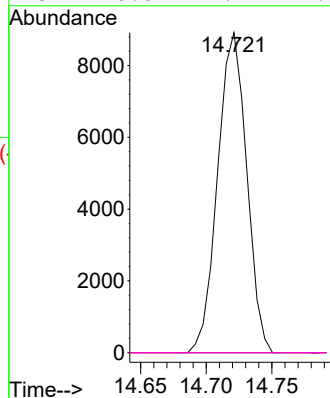
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2446

Delta R.T. -0.007 min

Lab File: BG055495.D

Acq: 8 Nov 2022 3:05

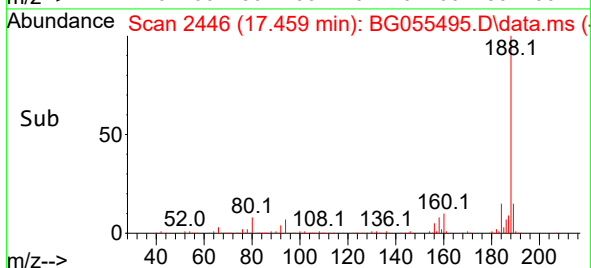
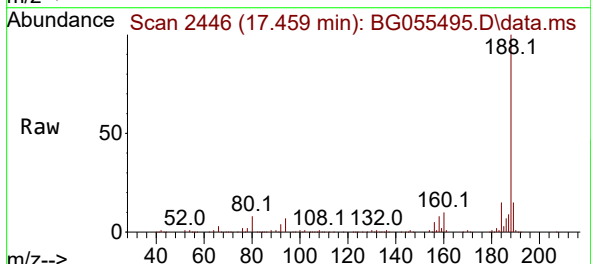
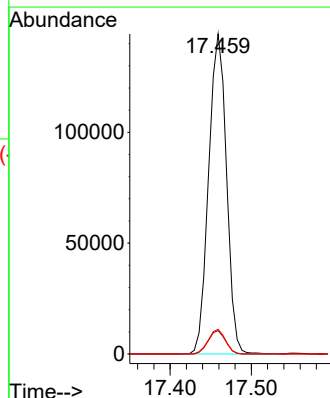
Tgt Ion:188 Resp: 220012

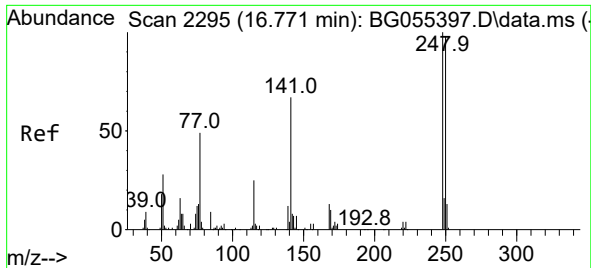
Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 7.7 7.4 11.0

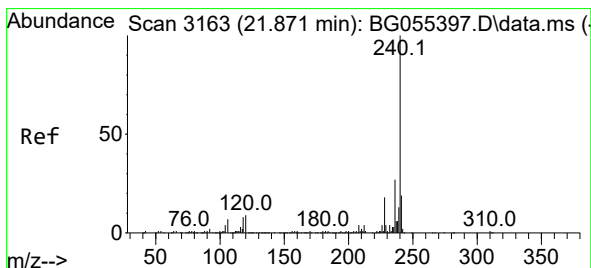
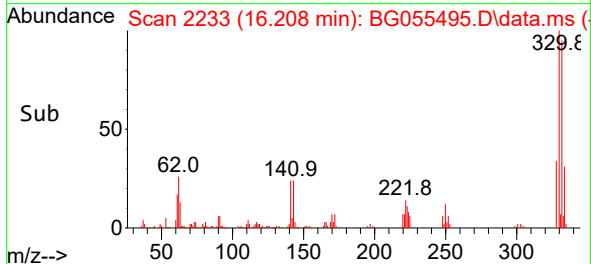
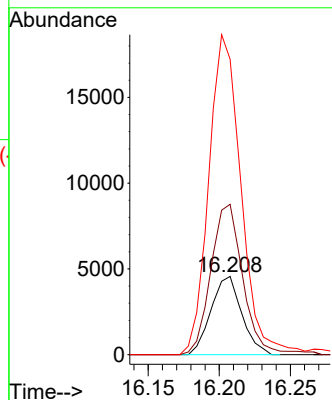
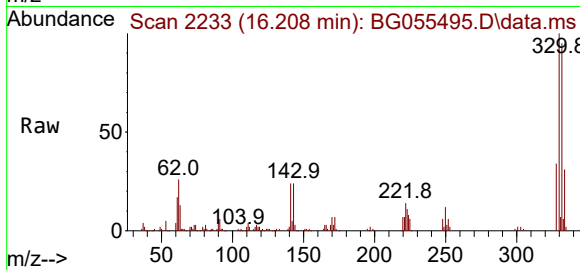




#67
4-Bromophenyl-phenylether
Concen: 2.635 ng
RT: 16.208 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

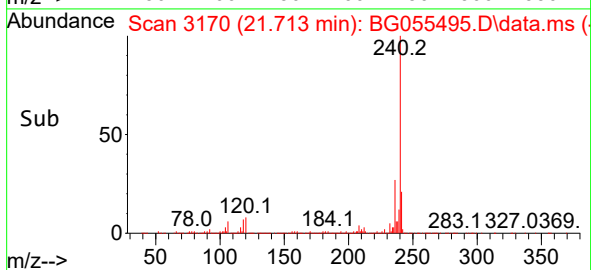
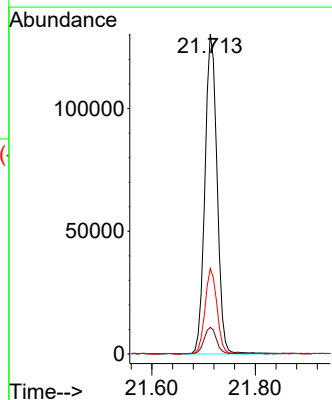
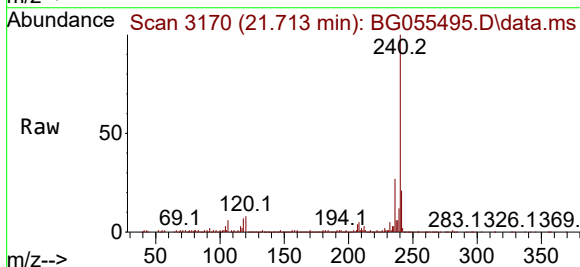
Instrument :
BNA_G
ClientSampleId :

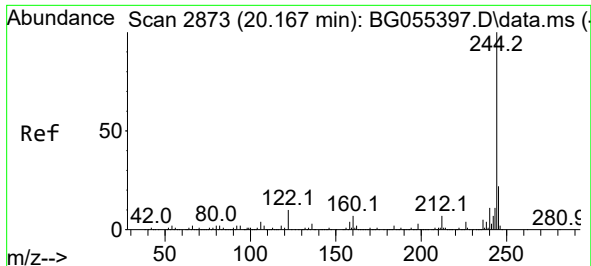
Tgt Ion:248 Resp: 6852
Ion Ratio Lower Upper
248 100
250 192.3 78.3 117.5#
141 377.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.012 min
Lab File: BG055495.D
Acq: 8 Nov 2022 3:05

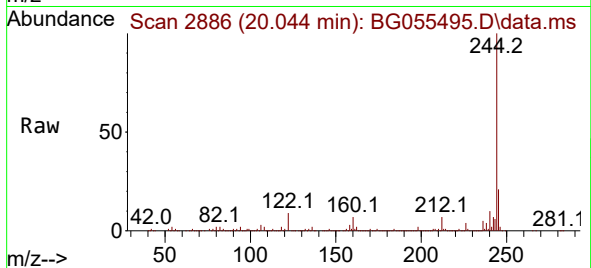
Tgt Ion:240 Resp: 212599
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.8 21.5 32.3



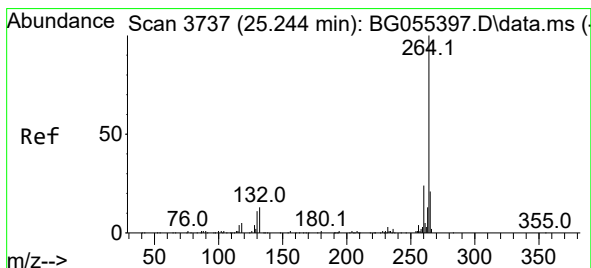
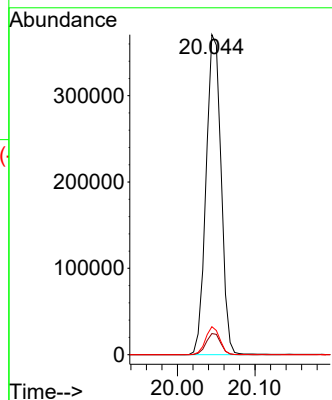
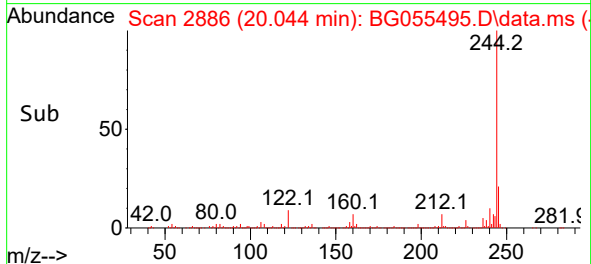


#79
 Terphenyl-d14
 Concen: 45.591 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055495.D
 Acq: 8 Nov 2022 3:05

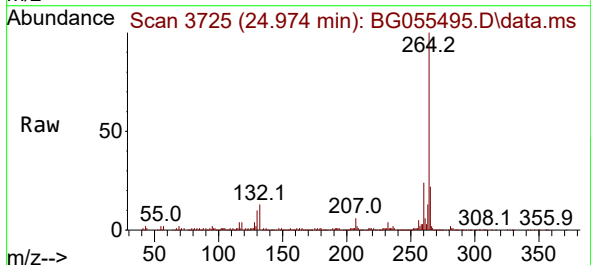
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 498448
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 8.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3725
 Delta R.T. -0.012 min
 Lab File: BG055495.D
 Acq: 8 Nov 2022 3:05



Tgt Ion:264 Resp: 242420
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 22.0 17.1 25.7

