

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055411.D
 Acq On : 2 Nov 2022 11:56
 Operator : CG/JU
 Sample : N5383-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 256317-7

Quant Time: Nov 03 06:08:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

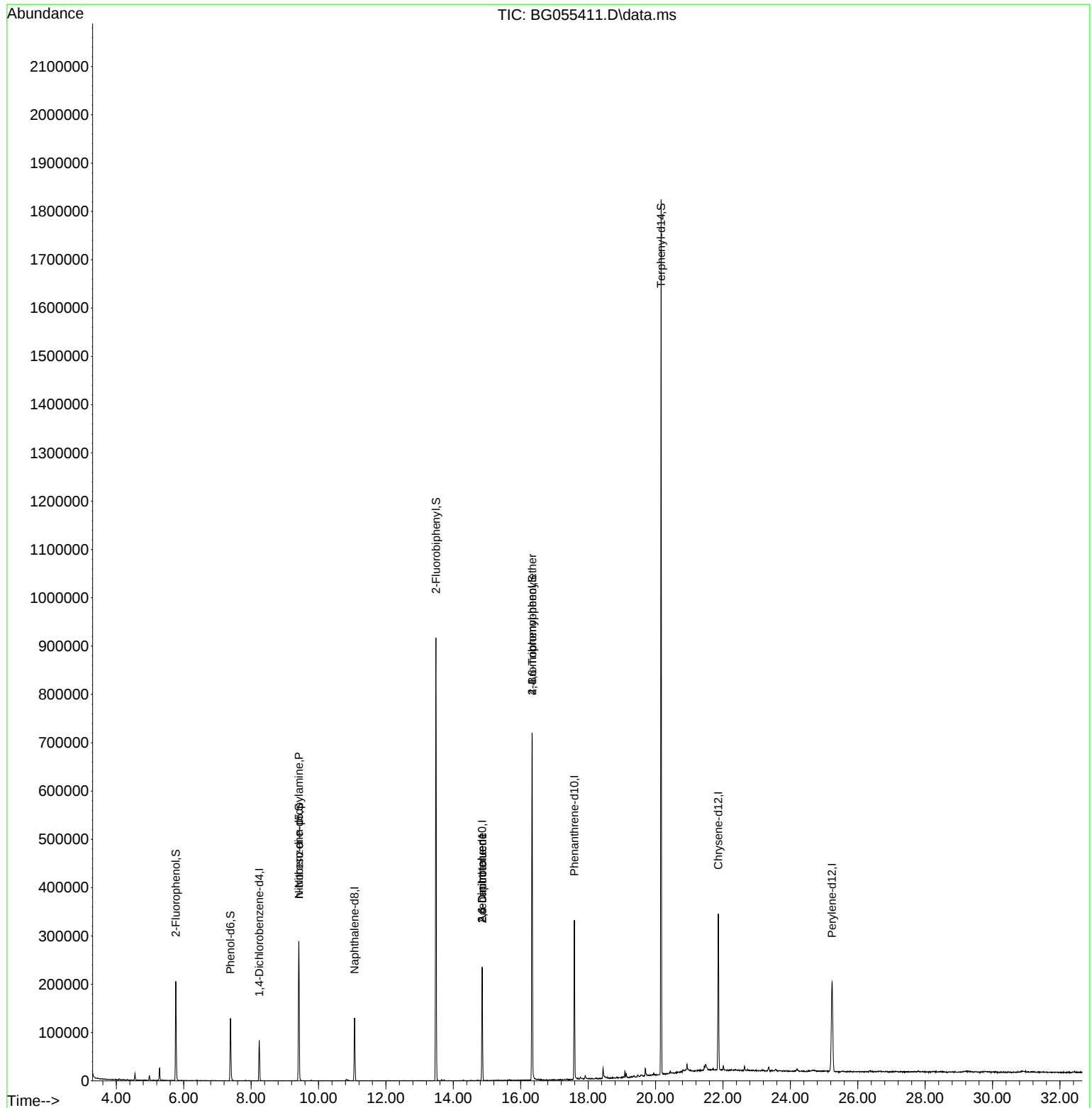
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	25843	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	115997	20.000	ng	0.00
39) Acenaphthene-d10	14.854	164	85591	20.000	ng	0.00
64) Phenanthrene-d10	17.592	188	201443	20.000	ng	0.00
76) Chrysene-d12	21.863	240	203436	20.000	ng	0.00
86) Perylene-d12	25.236	264	221814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	100626	69.926	ng	0.00
7) Phenol-d6	7.386	99	84243	42.215	ng	0.00
23) Nitrobenzene-d5	9.419	82	185261	85.118	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	161135	138.019	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	482716	83.619	ng	0.00
79) Terphenyl-d14	20.165	244	866556	82.829	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.419	70	24860	15.943	ng	Qvalue # 78
51) 2,6-Dinitrotoluene	14.854	165	11274	7.538	ng	# 27
57) 2,4-Dinitrotoluene	14.854	165	11274	5.272	ng	# 25
67) 4-Bromophenyl-phenylether	16.340	248	10252	4.305	ng	# 1

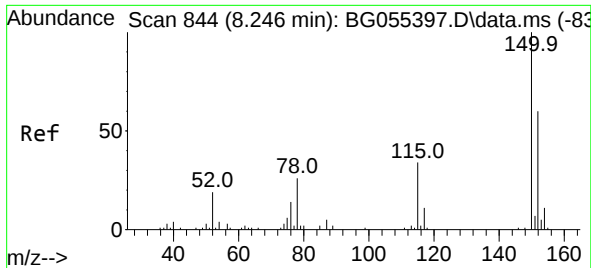
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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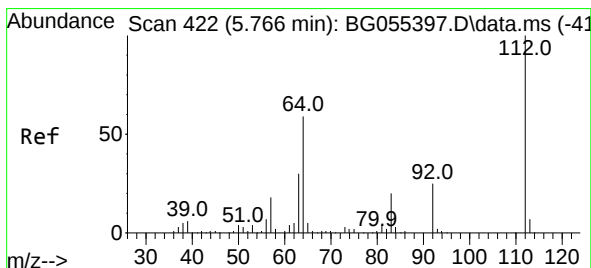
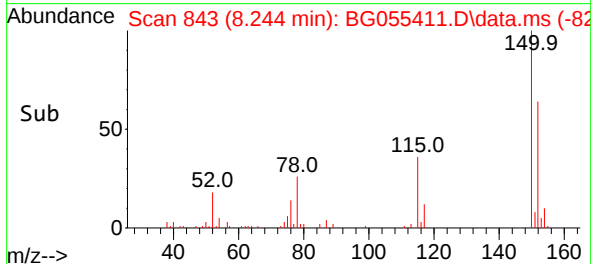
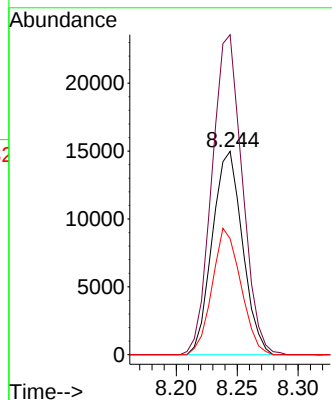
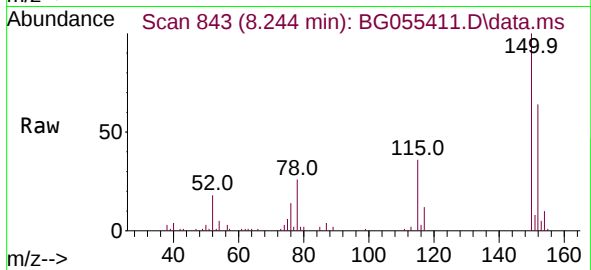




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 844
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

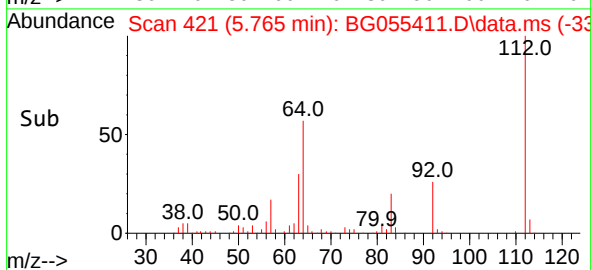
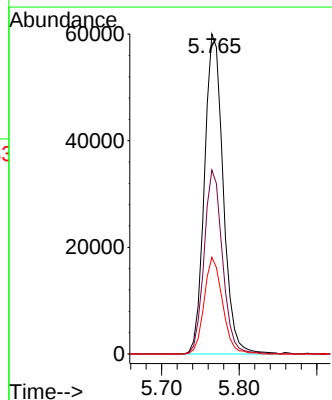
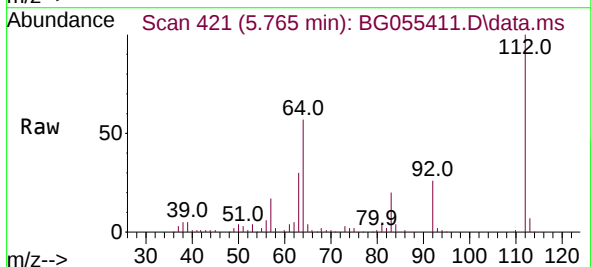
Instrument :
BNA_G
ClientSampleId :
256317-7

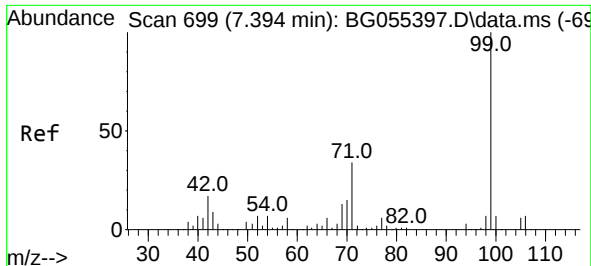
Tgt Ion:152 Resp: 25843
Ion Ratio Lower Upper
152 100
150 157.4 132.8 199.2
115 57.1 45.1 67.7



#5
2-Fluorophenol
Concen: 69.926 ng
RT: 5.765 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion:112 Resp: 100626
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 30.2 24.3 36.5

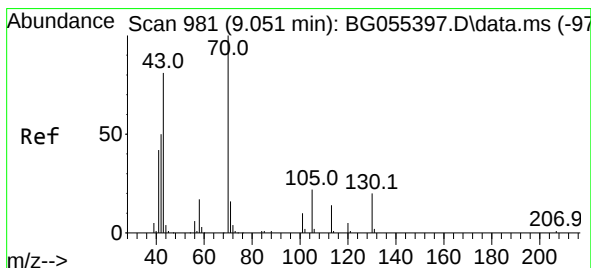
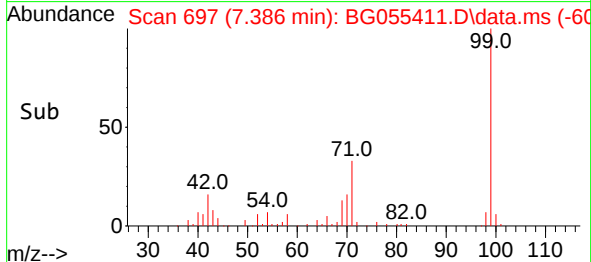
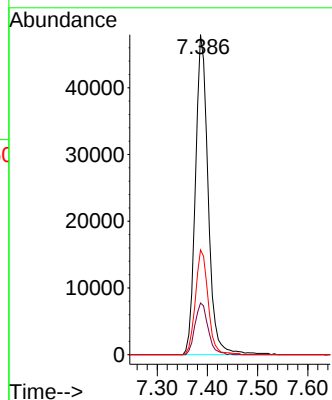
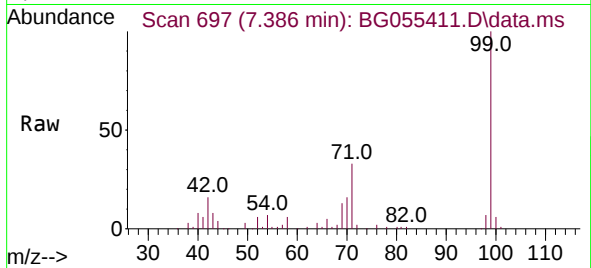




#7
Phenol-d6
Concen: 42.215 ng
RT: 7.386 min Scan# 697
Delta R.T. -0.008 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

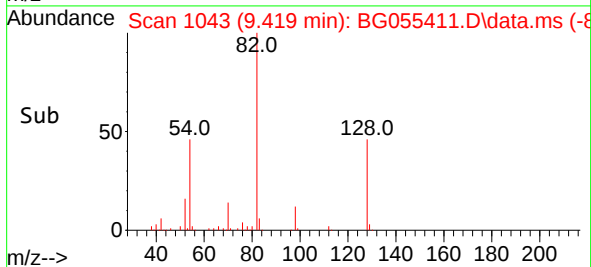
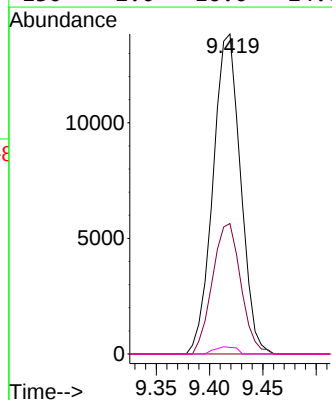
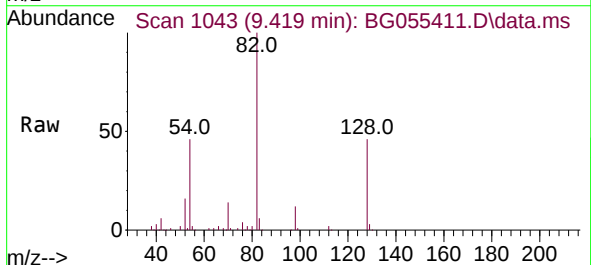
Instrument :
BNA_G
ClientSampleId :
256317-7

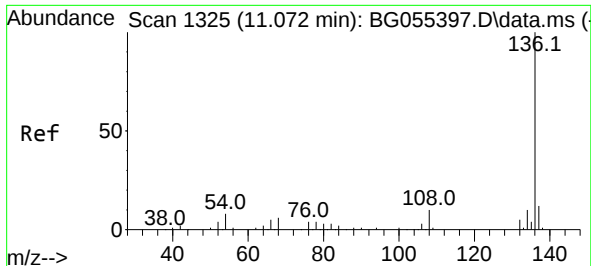
Tgt Ion: 99 Resp: 84243
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 32.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.943 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.368 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion: 70 Resp: 24860
Ion Ratio Lower Upper
70 100
42 40.7 40.6 61.0
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#



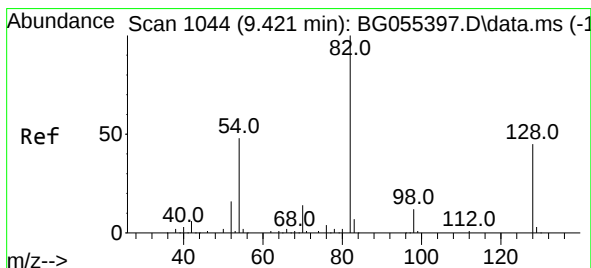
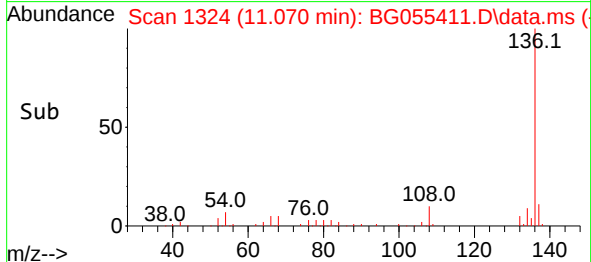
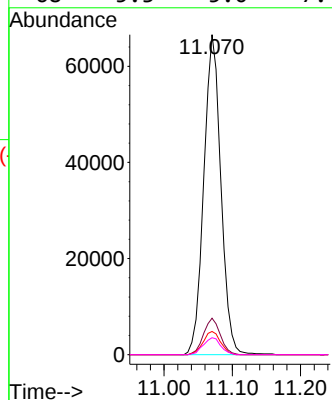
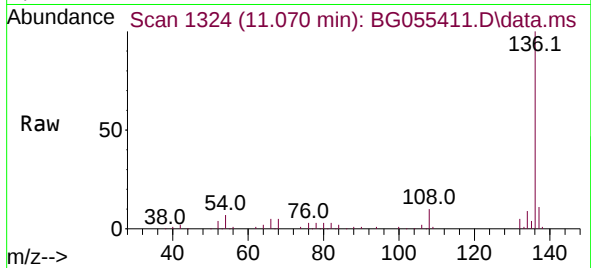


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Instrument :
BNA_G
ClientSampleId :
256317-7

Tgt Ion:136 Resp: 115997

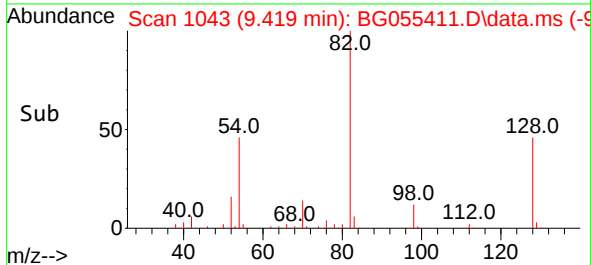
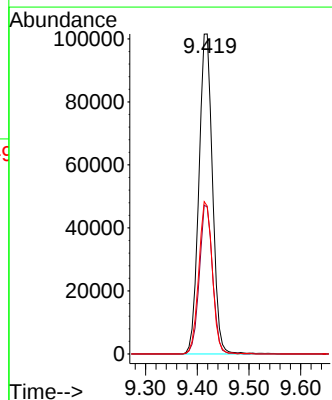
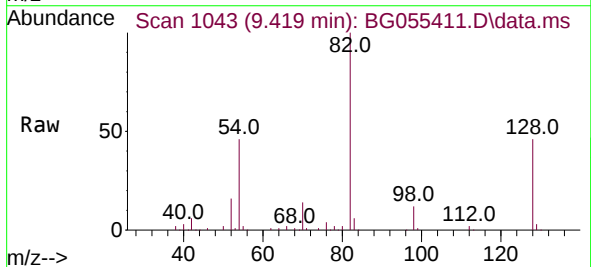
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	7.2	6.1	9.1
68	5.3	5.0	7.4

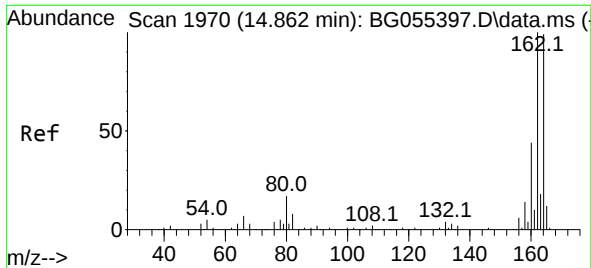


#23
Nitrobenzene-d5
Concen: 85.118 ng
RT: 9.419 min Scan# 1043
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion: 82 Resp: 185261

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.8
54	46.2	38.1	57.1

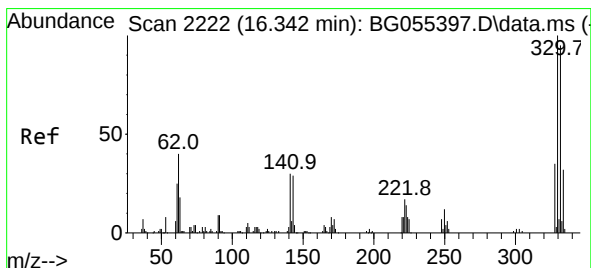
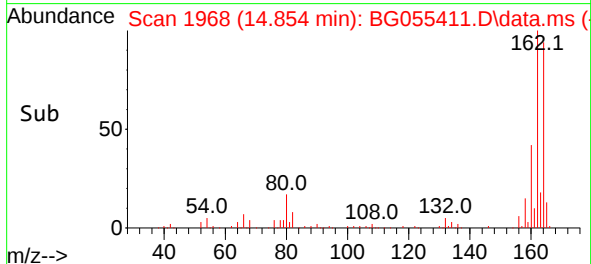
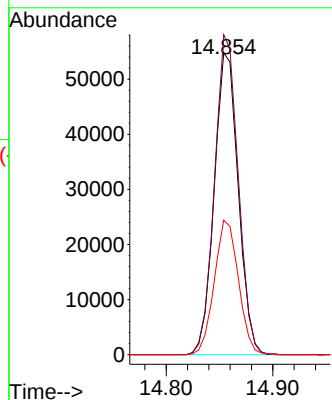
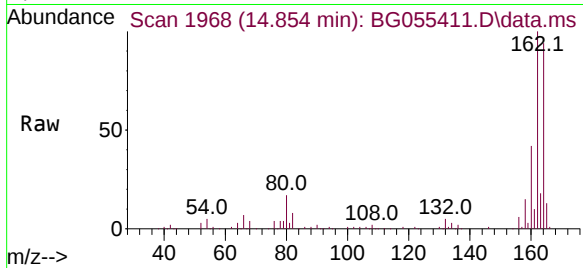




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1968
Delta R.T. -0.008 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

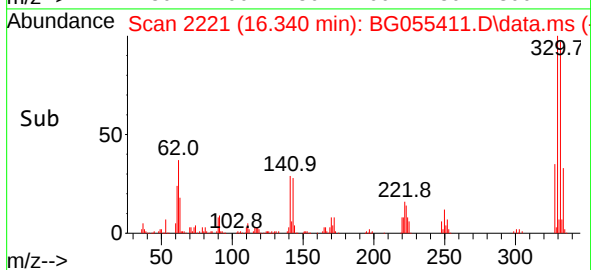
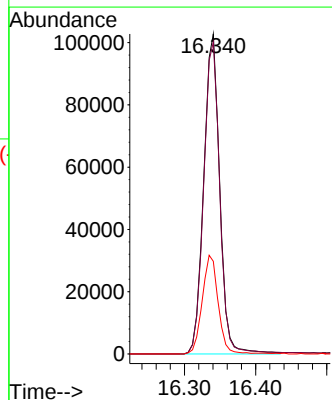
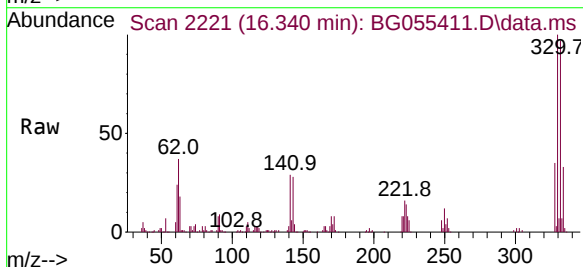
Instrument :
BNA_G
ClientSampleId :
256317-7

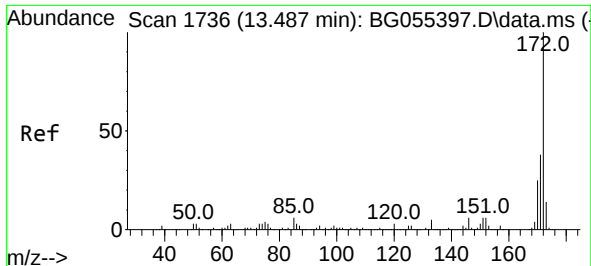
Tgt Ion:164 Resp: 85591
Ion Ratio Lower Upper
164 100
162 106.0 81.1 121.7
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 138.019 ng
RT: 16.340 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion:330 Resp: 161135
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 30.7 24.2 36.2

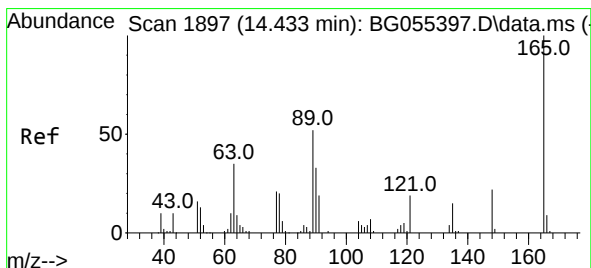
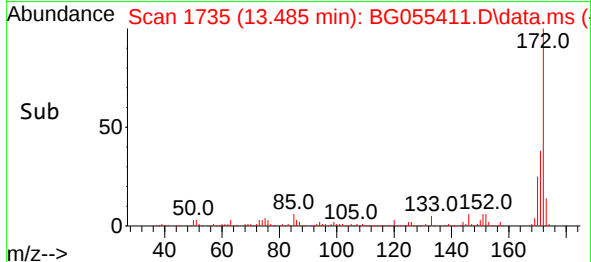
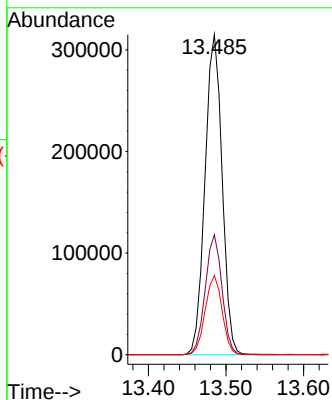
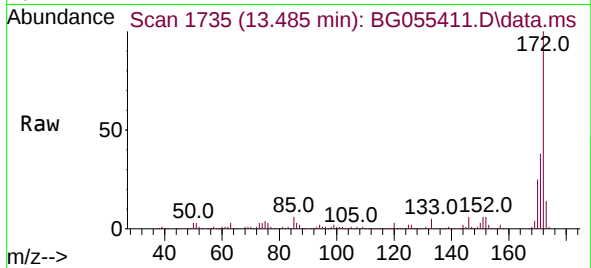




#45
2-Fluorobiphenyl
Concen: 83.619 ng
RT: 13.485 min Scan# 1735
Delta R.T. -0.002 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

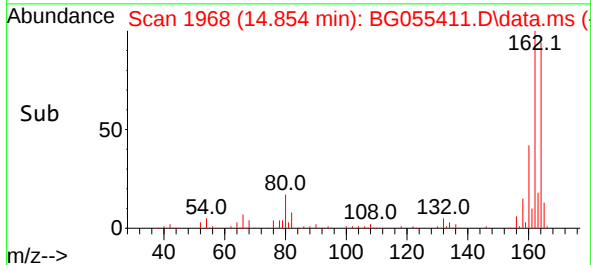
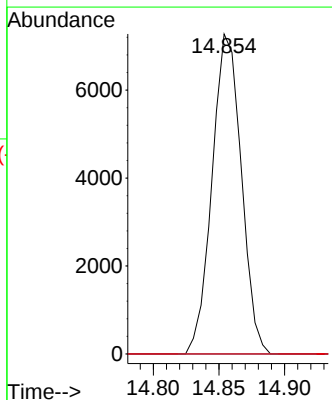
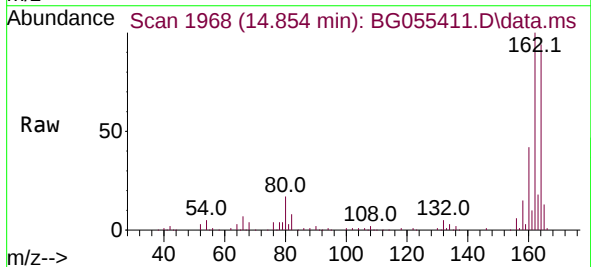
Instrument :
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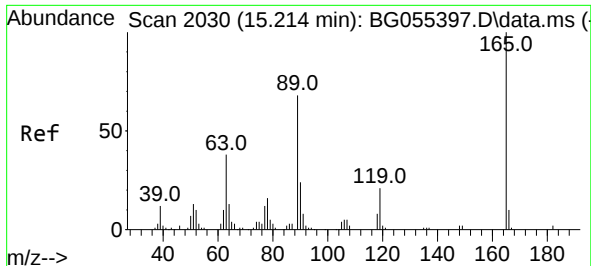
Tgt Ion:172 Resp: 482716
Ion Ratio Lower Upper
172 100
171 37.5 30.2 45.2
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.538 ng
RT: 14.854 min Scan# 1968
Delta R.T. 0.421 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion:165 Resp: 11274
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: 5.272 ng

RT: 14.854 min Scan# 1968

Delta R.T. -0.360 min

Lab File: BG055411.D

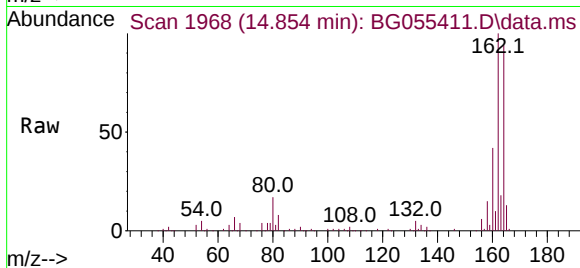
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Instrument :

BNA_G

ClientSampleId :

256317-7



Tgt Ion:165 Resp: 11274

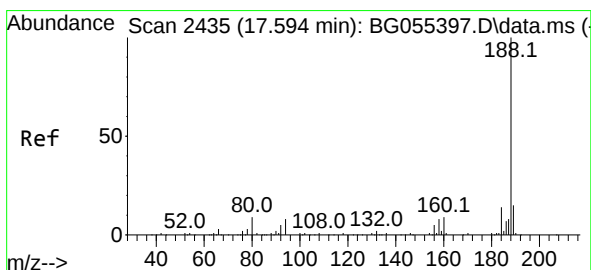
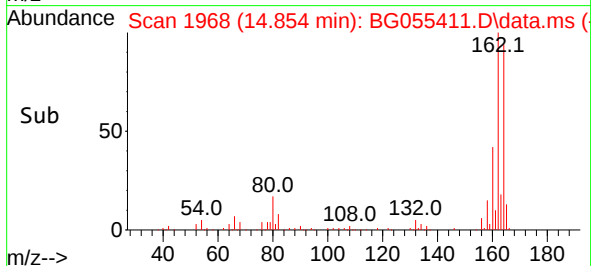
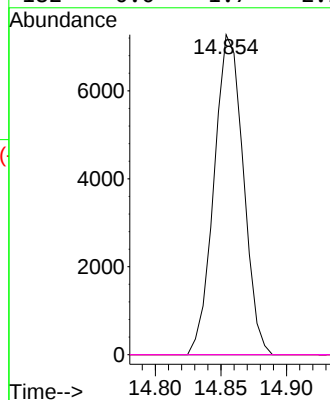
Ion Ratio Lower Upper

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: 17.592 min Scan# 2434

Delta R.T. -0.002 min

Lab File: BG055411.D

Acq: 2 Nov 2022 11:56

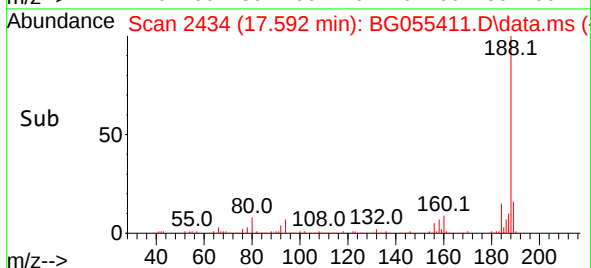
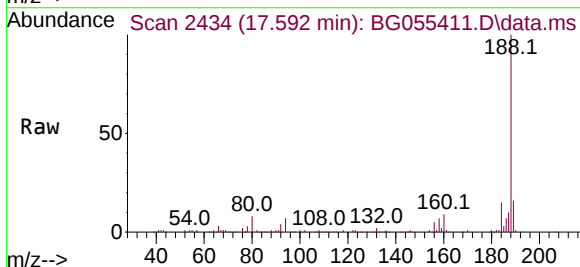
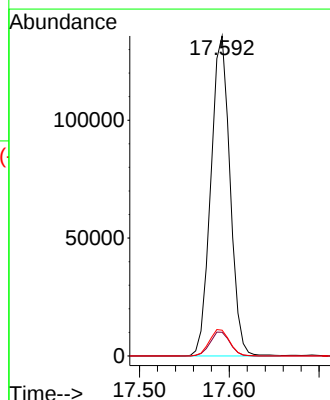
Tgt Ion:188 Resp: 201443

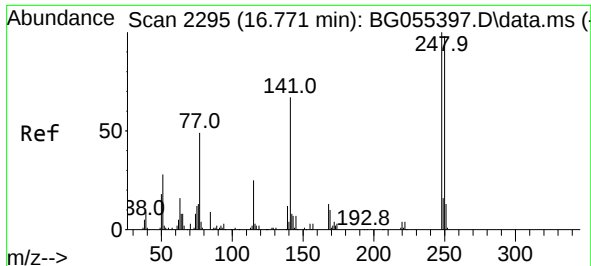
Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.0 7.4 11.0

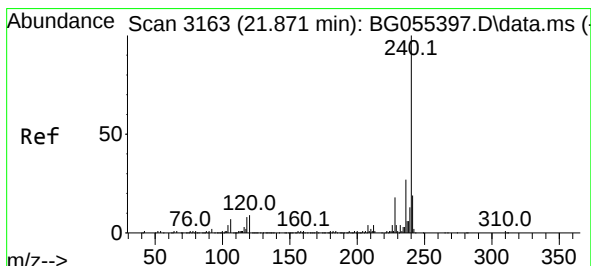
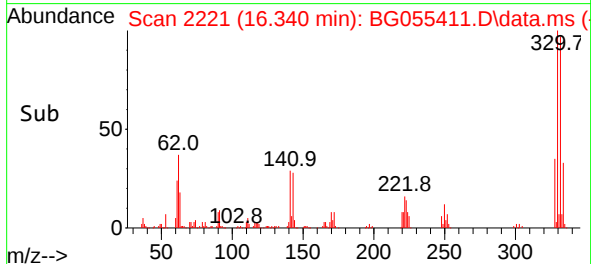
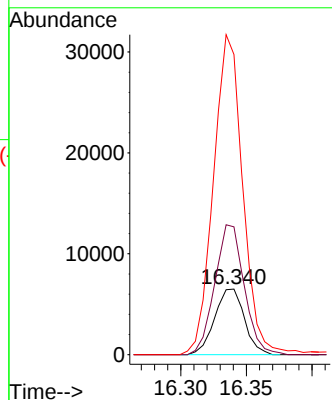
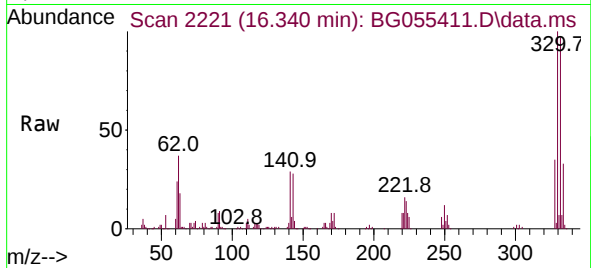




#67
4-Bromophenyl-phenylether
Concen: 4.305 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

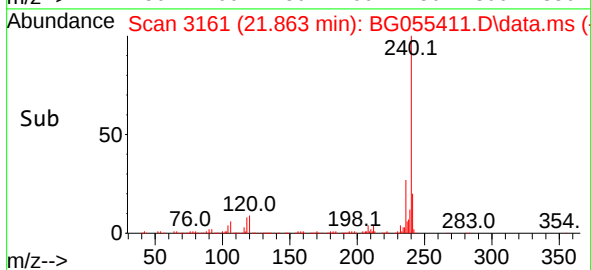
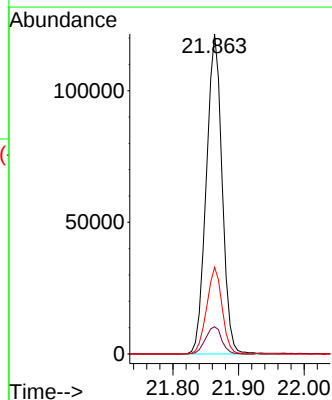
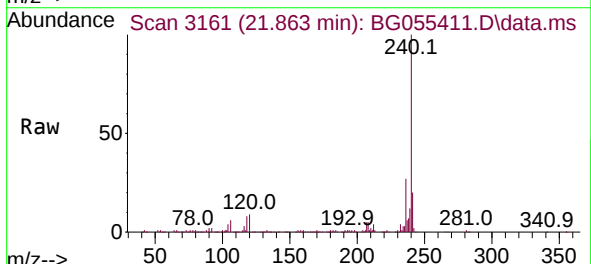
Instrument :
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256317-7

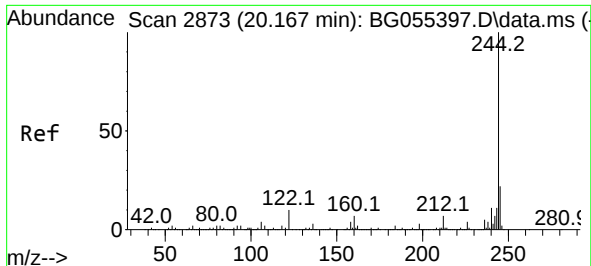
Tgt Ion:248 Resp: 10252
Ion Ratio Lower Upper
248 100
250 194.8 78.3 117.5#
141 457.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BG055411.D
Acq: 2 Nov 2022 11:56

Tgt Ion:240 Resp: 203436
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 27.1 21.5 32.3

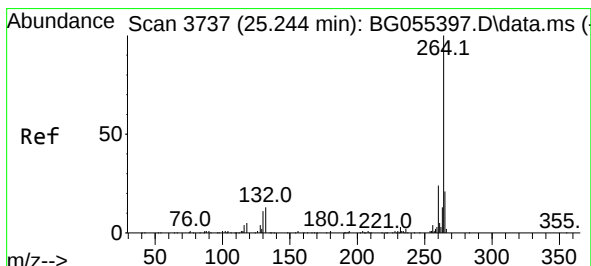
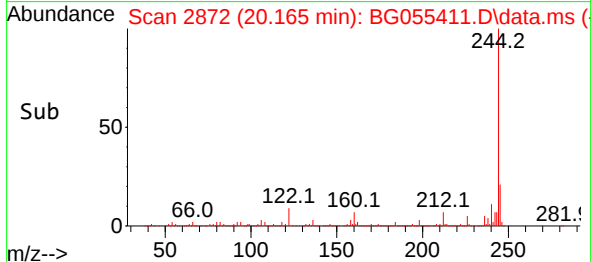
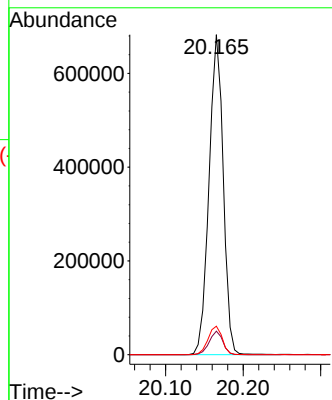
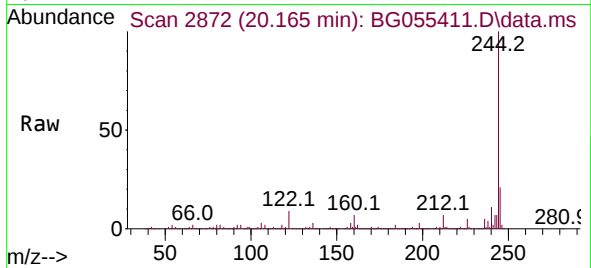




#79
 Terphenyl-d14
 Concen: 82.829 ng
 RT: 20.165 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055411.D
 Acq: 2 Nov 2022 11:56

Instrument :
 BNA_G
 ClientSampleId :
 256317-7

Tgt Ion:244 Resp: 866556
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 8.9 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.236 min Scan# 3735
 Delta R.T. -0.008 min
 Lab File: BG055411.D
 Acq: 2 Nov 2022 11:56

Tgt Ion:264 Resp: 221814
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 17.1 25.7

