

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055421.D
 Acq On : 2 Nov 2022 19:07
 Operator : CG/JU
 Sample : N5380-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Quant Time: Nov 03 06:11:34 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)

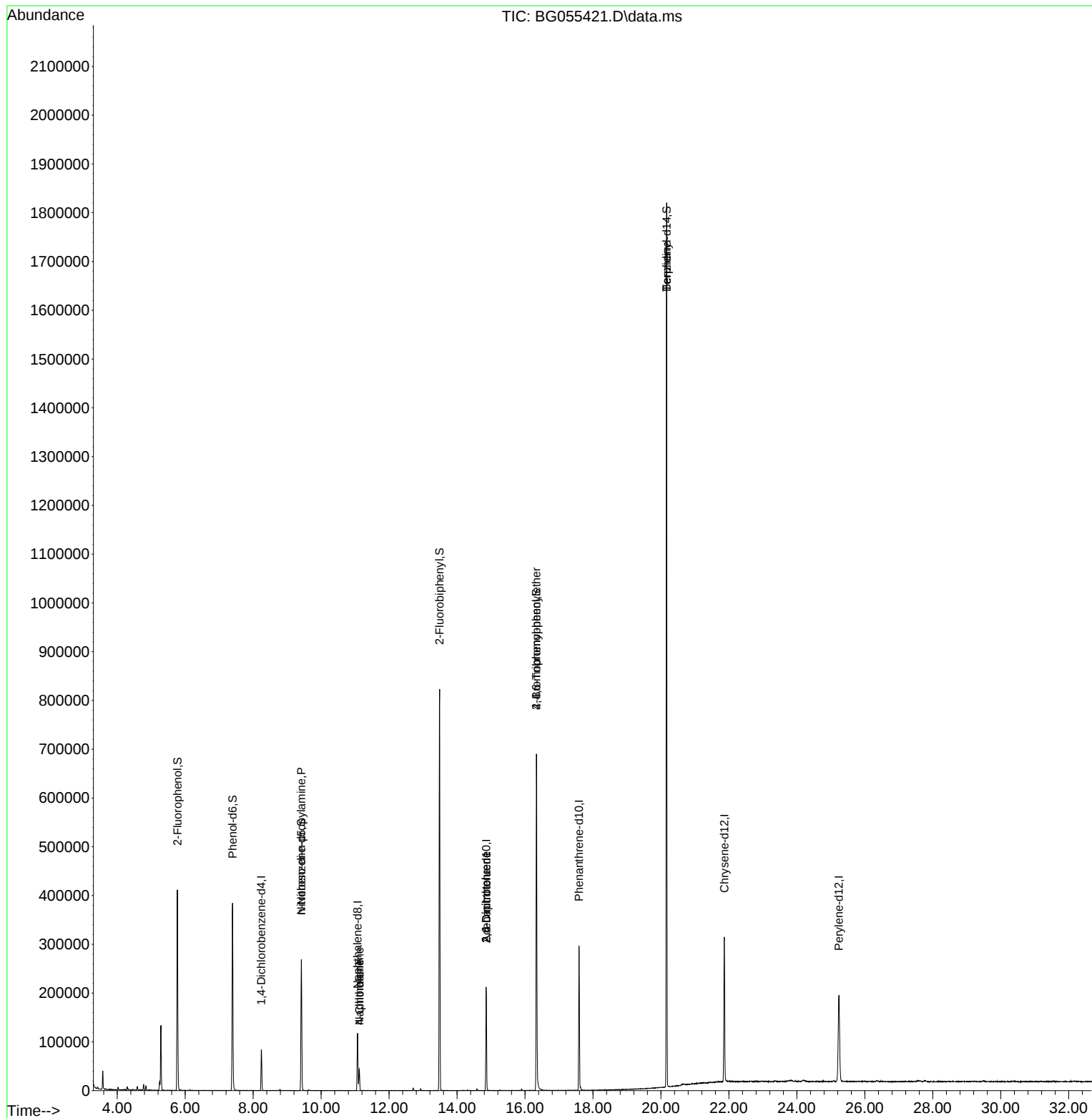
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	25049	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	107359	20.000	ng	0.00
39) Acenaphthene-d10	14.854	164	78124	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	197284	20.000	ng	0.00
76) Chrysene-d12	21.864	240	200345	20.000	ng	0.00
86) Perylene-d12	25.236	264	211483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.771	112	199597	143.098	ng	0.00
7) Phenol-d6	7.392	99	241947	125.084	ng	0.00
23) Nitrobenzene-d5	9.413	82	171204	84.989	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	161342	151.405	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	444998	84.453	ng	0.00
79) Terphenyl-d14	20.166	244	893659	86.738	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.413	70	22540	14.913	ng	# 79
31) Naphthalene	11.123	128	39272	6.497	ng	99
33) 4-Chloroaniline	11.123	127	5282	2.103	ng	# 30
51) 2,6-Dinitrotoluene	14.854	165	10201	7.472	ng	# 27
57) 2,4-Dinitrotoluene	14.854	165	10201	5.226	ng	# 25
67) 4-Bromophenyl-phenylether	16.335	248	9923	4.255	ng	# 1
77) Benzidine	20.166	184	12858	3.083	ng	# 92

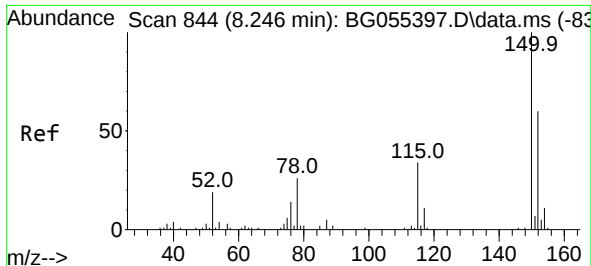
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055421.D
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Operator : CG/JU
Sample : N5380-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-D

Quant Time: Nov 03 06:11:34 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

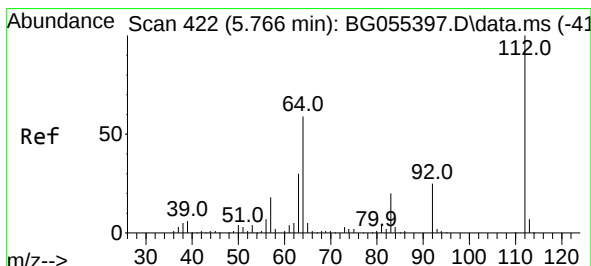
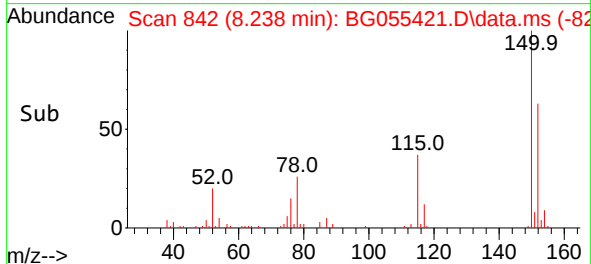
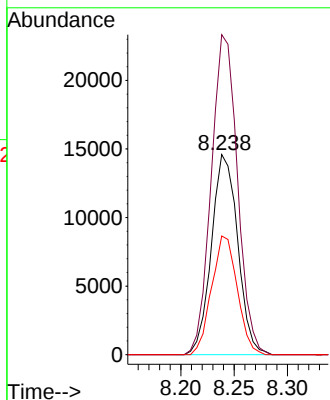
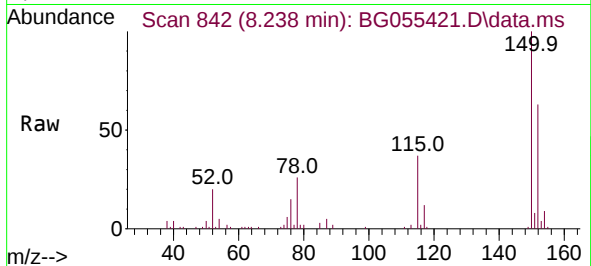




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.238 min Scan# 844
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

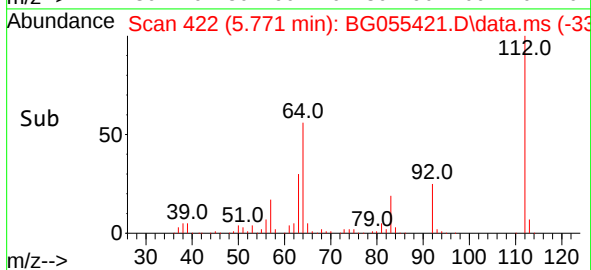
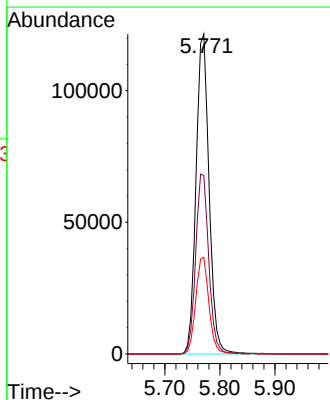
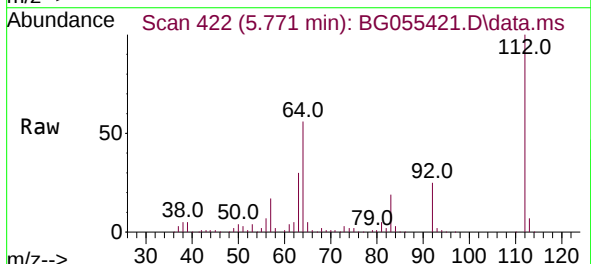
Instrument :
BNA_G
ClientSampleId :
TP-D

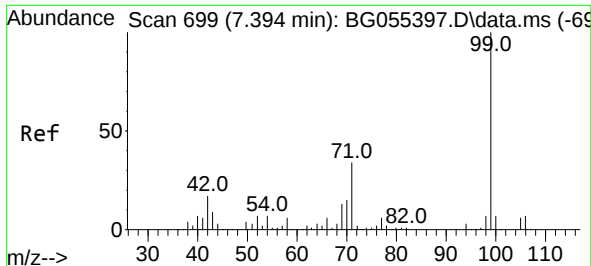
Tgt Ion:152 Resp: 25049
Ion Ratio Lower Upper
152 100
150 159.8 132.8 199.2
115 59.3 45.1 67.7



#5
2-Fluorophenol
Concen: 143.098 ng
RT: 5.771 min Scan# 422
Delta R.T. 0.004 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:112 Resp: 199597
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 30.2 24.3 36.5

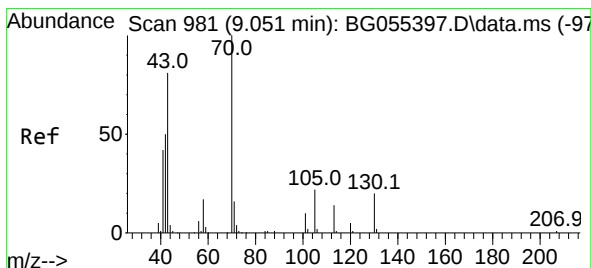
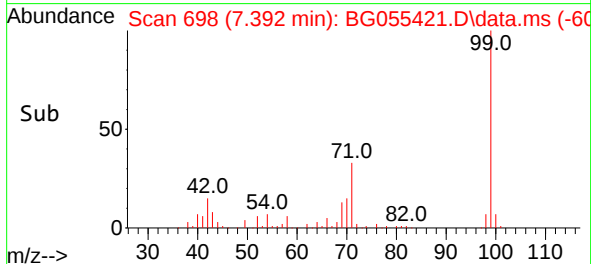
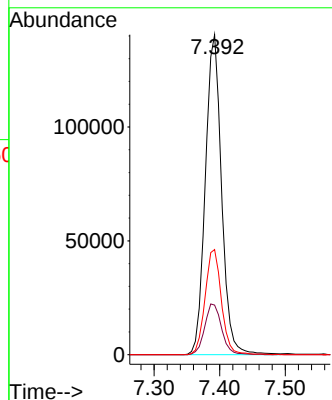
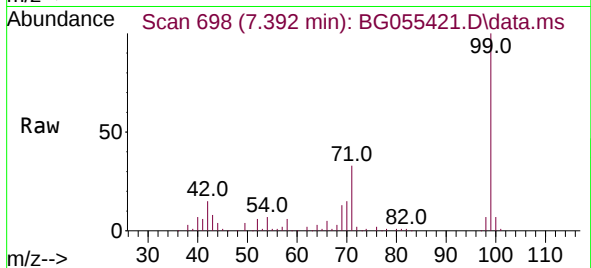




#7
Phenol-d6
Concen: 125.084 ng
RT: 7.392 min Scan# 69
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

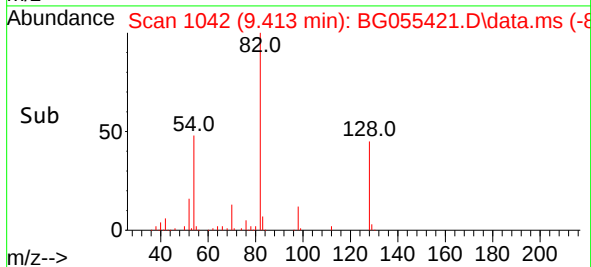
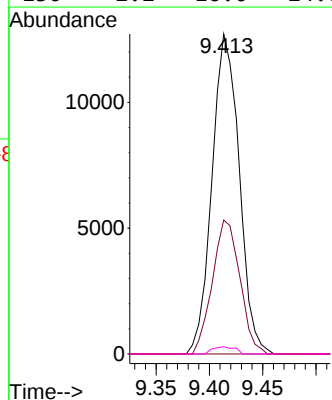
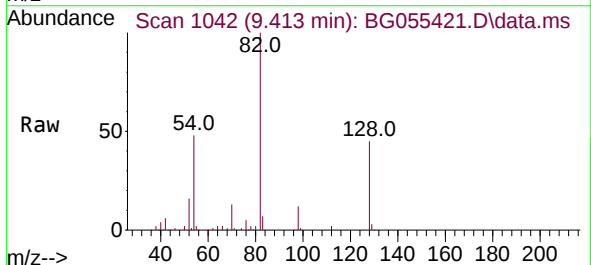
Instrument :
BNA_G
ClientSampleId :
TP-D

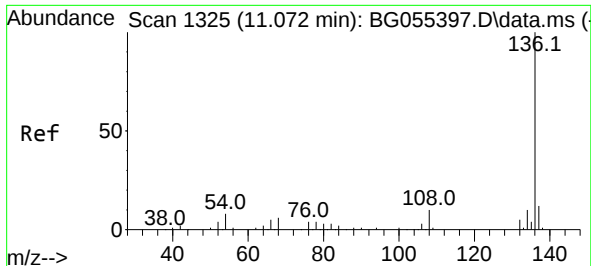
Tgt Ion: 99 Resp: 241947
Ion Ratio Lower Upper
99 100
42 15.5 13.5 20.3
71 32.9 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.913 ng
RT: 9.413 min Scan# 1042
Delta R.T. 0.363 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion: 70 Resp: 22540
Ion Ratio Lower Upper
70 100
42 41.9 40.6 61.0
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#

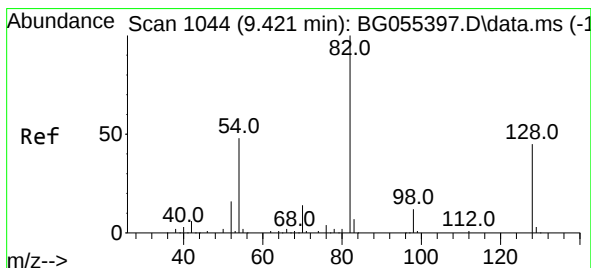
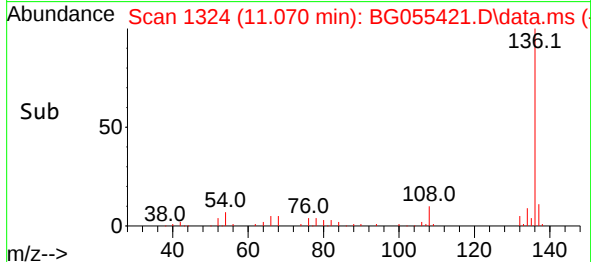
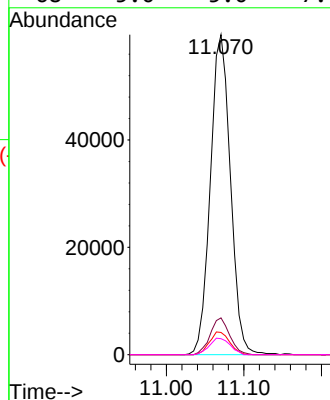
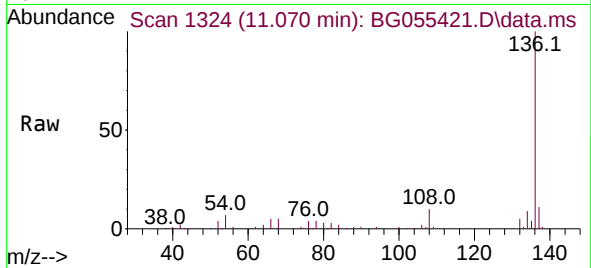




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

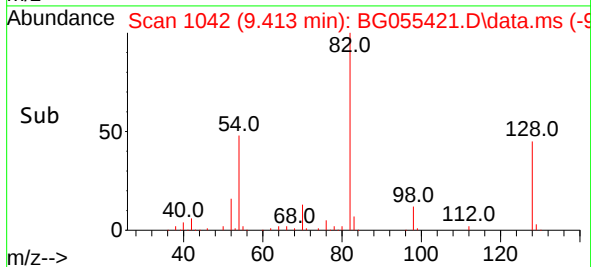
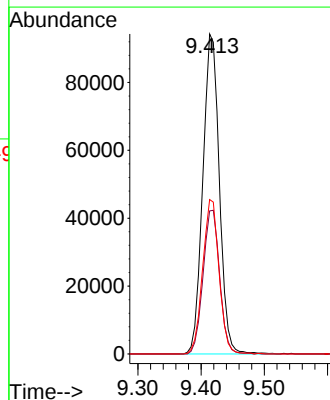
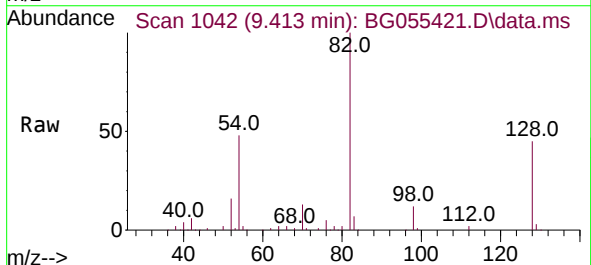
Instrument :
BNA_G
ClientSampleId :
TP-D

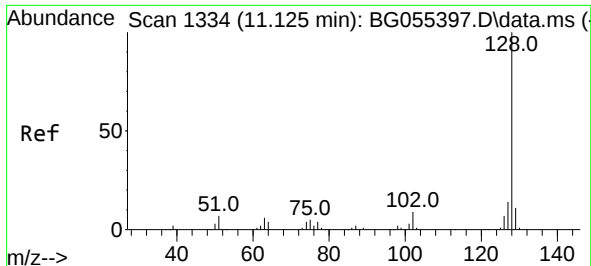
Tgt Ion:	136	Resp:	107359
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	6.9	6.1	9.1
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.989 ng
RT: 9.413 min Scan# 1042
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:	82	Resp:	171204
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.8
54	48.3	38.1	57.1

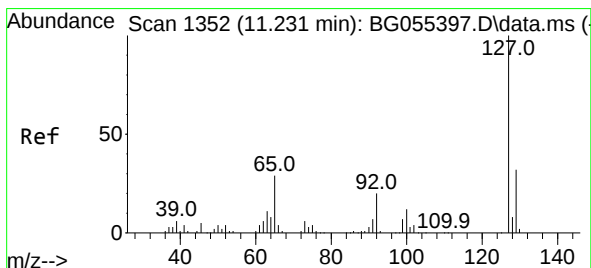
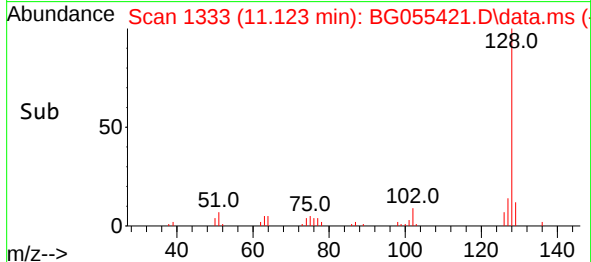
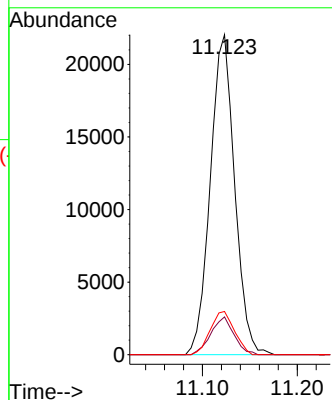
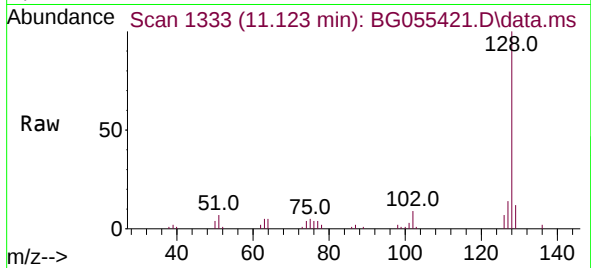




#31
Naphthalene
Concen: 6.497 ng
RT: 11.123 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

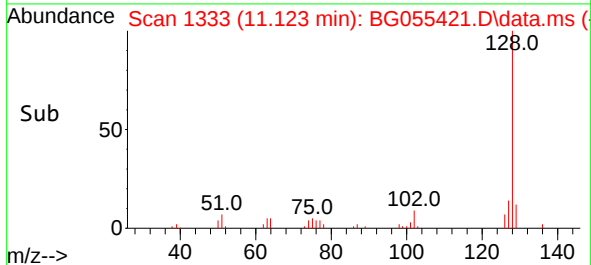
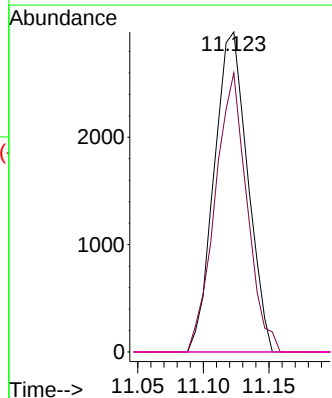
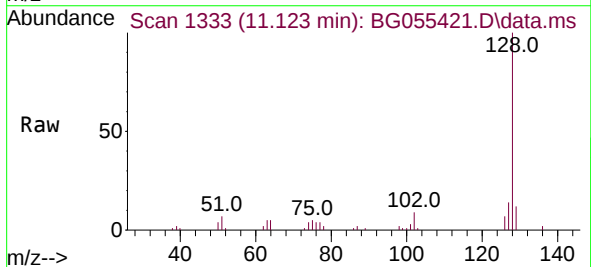
Instrument :
BNA_G
ClientSampleId :
TP-D

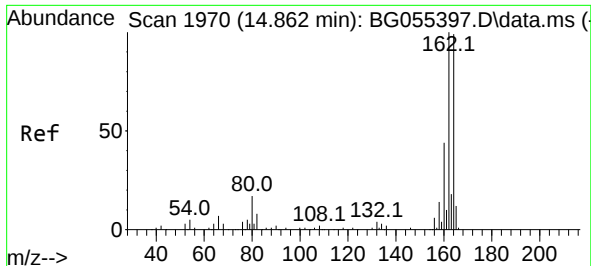
Tgt Ion:128 Resp: 39272
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 10.8 16.2



#33
4-Chloroaniline
Concen: 2.103 ng
RT: 11.123 min Scan# 1333
Delta R.T. -0.107 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:127 Resp: 5282
Ion Ratio Lower Upper
127 100
129 87.2 25.3 37.9#
65 0.0 23.0 34.4#
92 0.0 15.7 23.5#

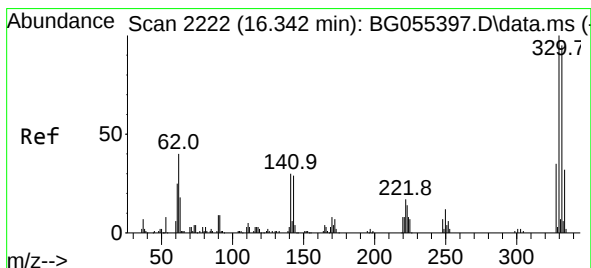
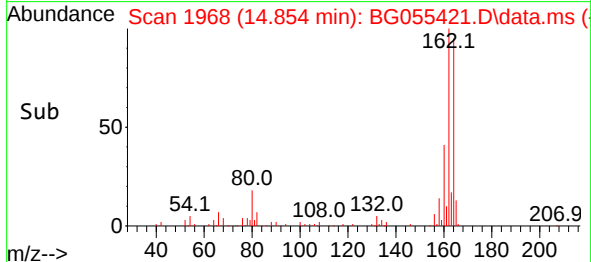
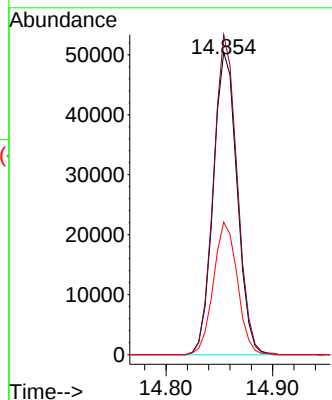
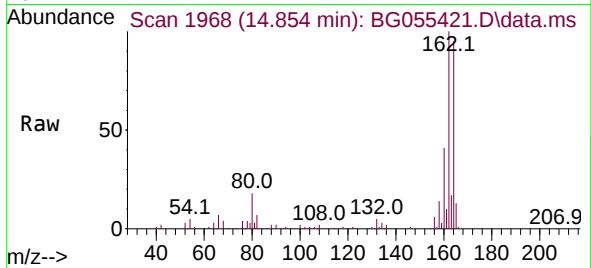




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

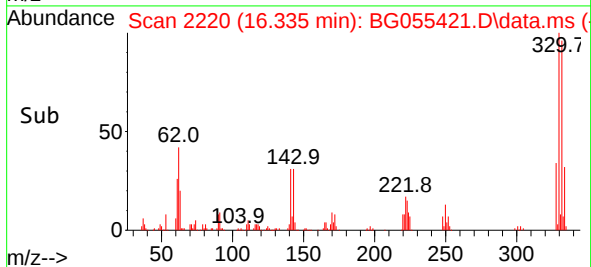
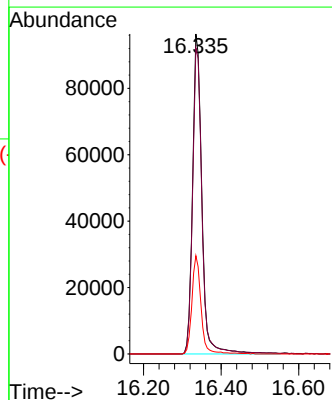
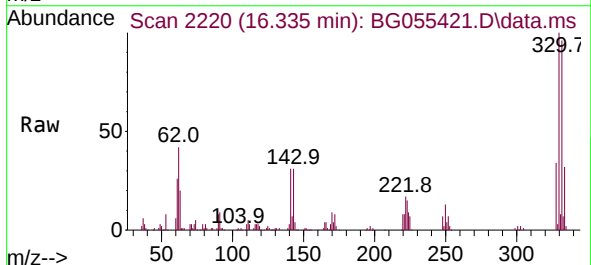
Instrument :
BNA_G
ClientSampleId :
TP-D

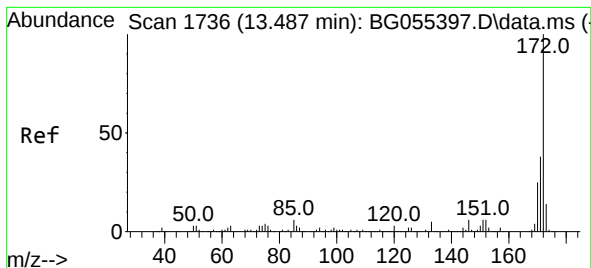
Tgt Ion:164 Resp: 78124
Ion Ratio Lower Upper
164 100
162 105.8 81.1 121.7
160 43.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 151.405 ng
RT: 16.335 min Scan# 2220
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:330 Resp: 161342
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 30.1 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 84.453 ng

RT: 13.485 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055421.D

Acq: 2 Nov 2022 19:07

Instrument :

BNA_G

ClientSampleId :

TP-D

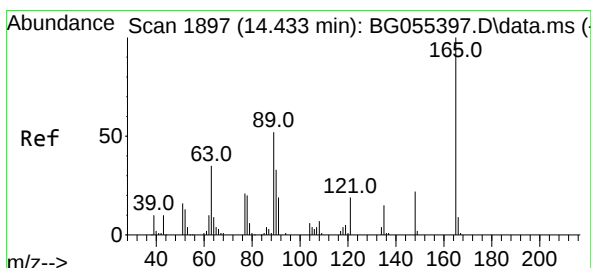
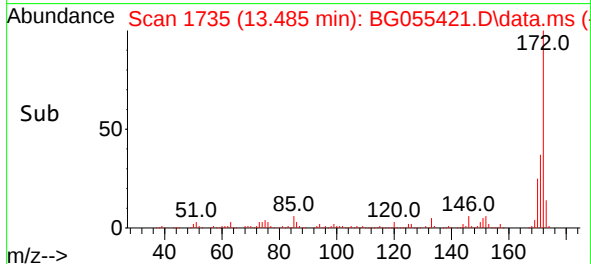
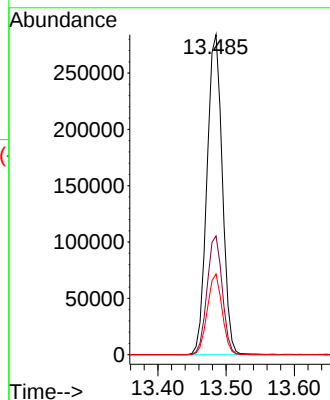
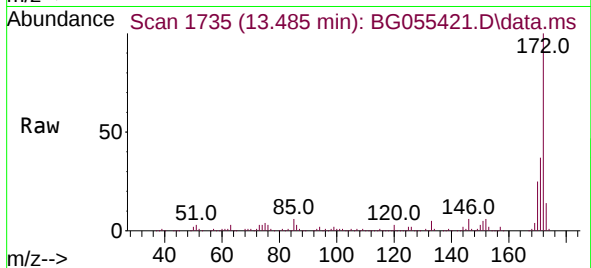
Tgt Ion:172 Resp: 444998

Ion Ratio Lower Upper

172 100

171 37.1 30.2 45.2

170 25.2 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.472 ng

RT: 14.854 min Scan# 1968

Delta R.T. 0.421 min

Lab File: BG055421.D

Acq: 2 Nov 2022 19:07

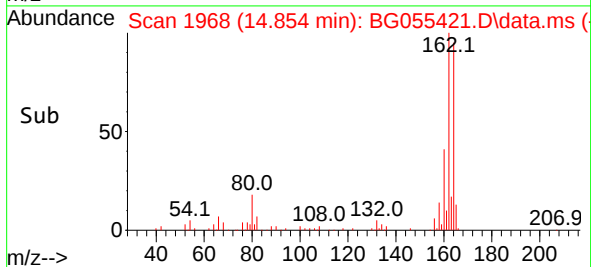
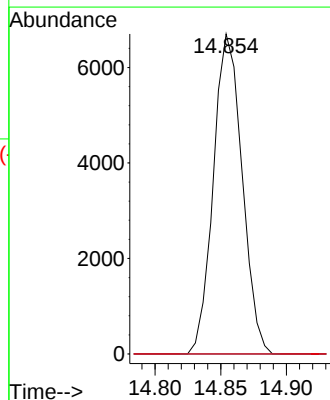
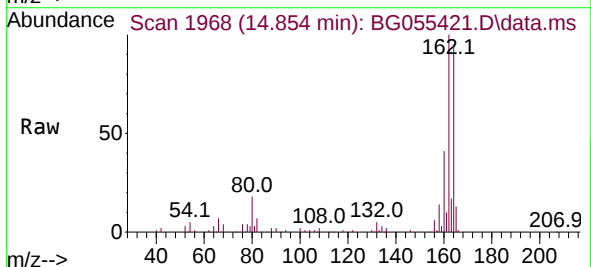
Tgt Ion:165 Resp: 10201

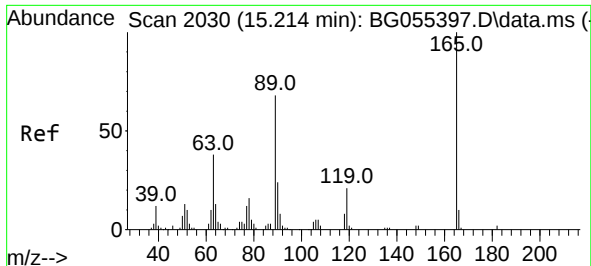
Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.226 ng

RT: 14.854 min Scan# 1968

Delta R.T. -0.360 min

Lab File: BG055421.D

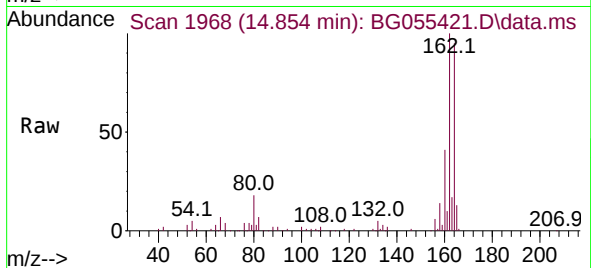
Acq: 2 Nov 2022 19:07

Instrument :

BNA_G

ClientSampleId :

TP-D



Tgt Ion:165 Resp: 10201

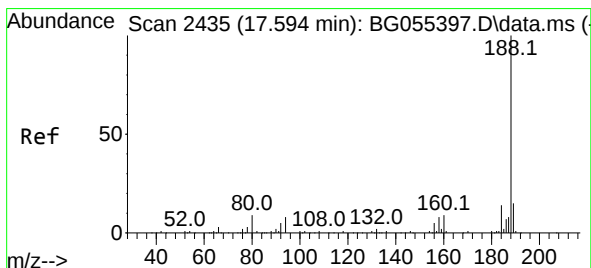
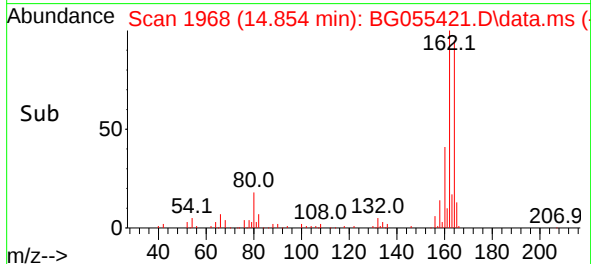
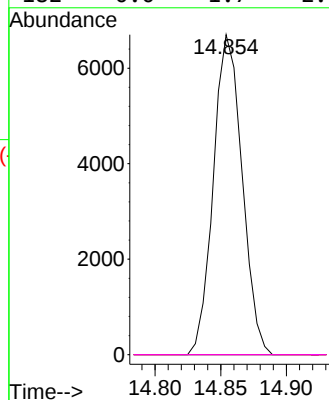
Ion Ratio Lower Upper

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: 17.586 min Scan# 2433

Delta R.T. -0.008 min

Lab File: BG055421.D

Acq: 2 Nov 2022 19:07

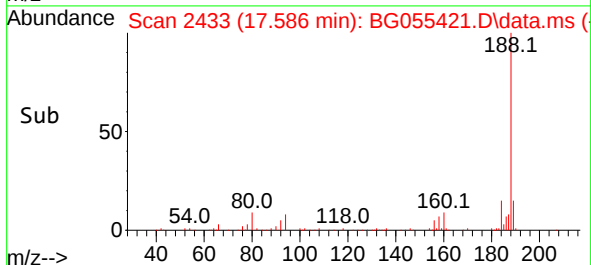
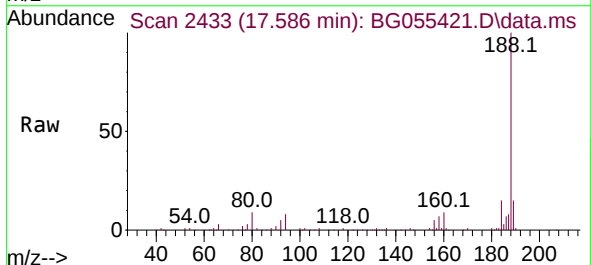
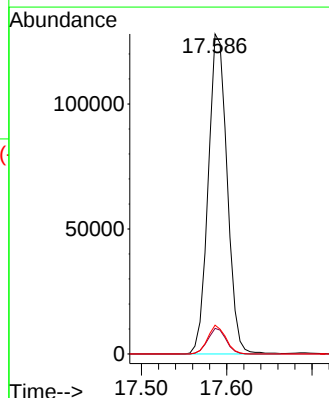
Tgt Ion:188 Resp: 197284

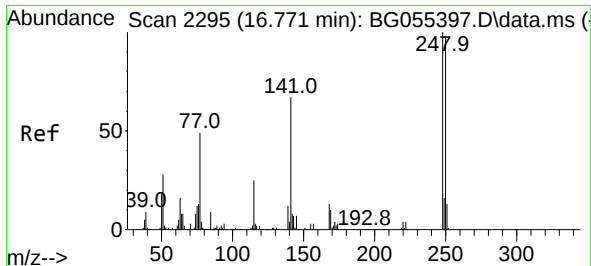
Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

80 9.0 7.4 11.0

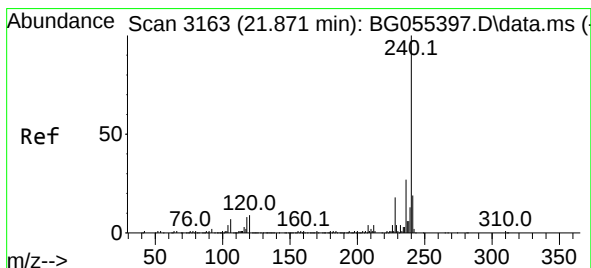
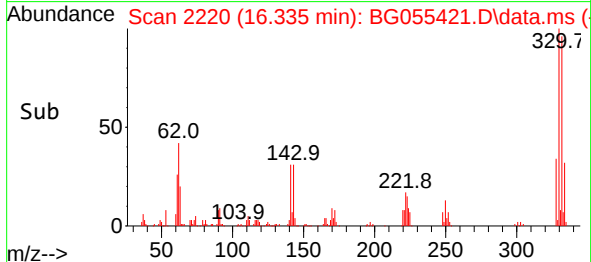
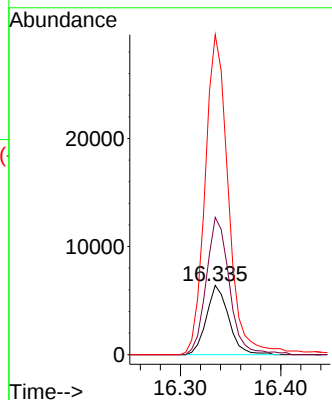
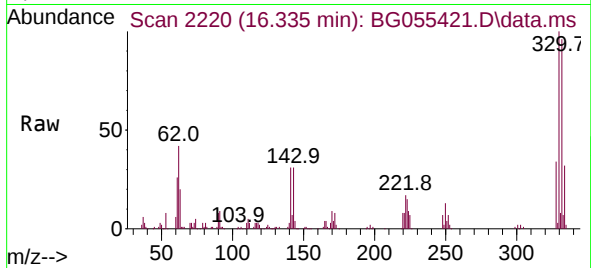




#67
4-Bromophenyl-phenylether
Concen: 4.255 ng
RT: 16.335 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

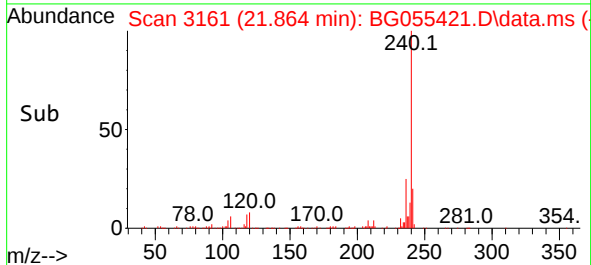
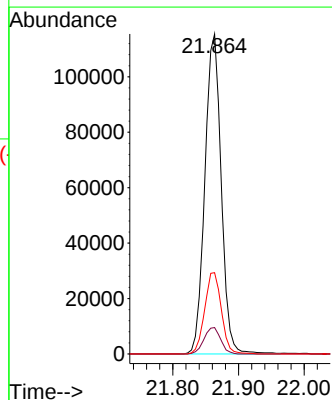
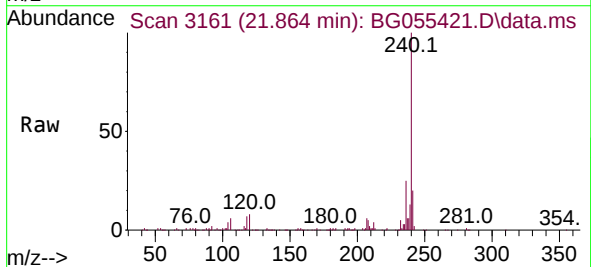
Instrument :
BNA_G
ClientSampleId :
TP-D

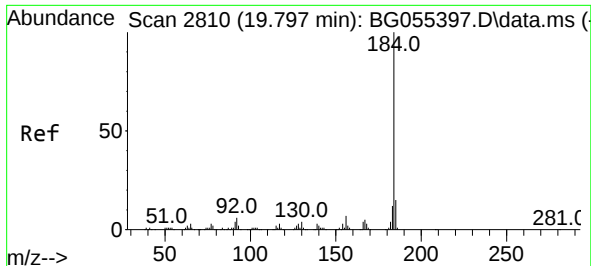
Tgt Ion:248 Resp: 9923
Ion Ratio Lower Upper
248 100
250 198.2 78.3 117.5#
141 461.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.864 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:240 Resp: 200345
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.4 21.5 32.3

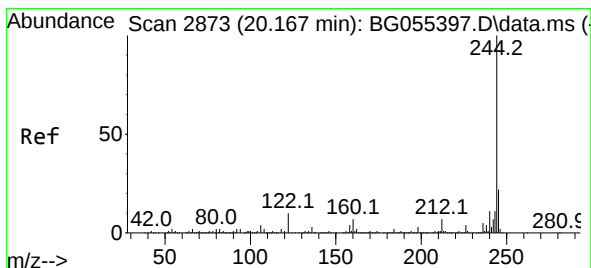
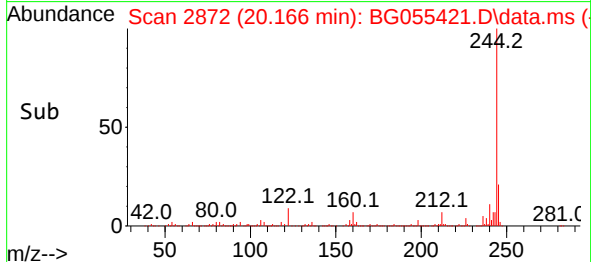
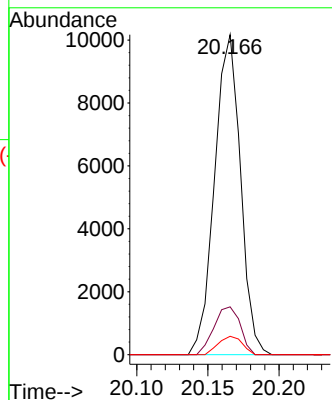
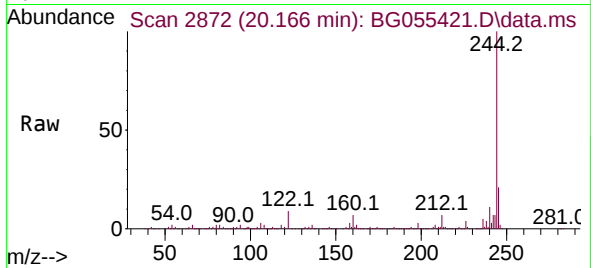




#77
Benzidine
Concen: 3.083 ng
RT: 20.166 min Scan# 2810
Delta R.T. 0.368 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

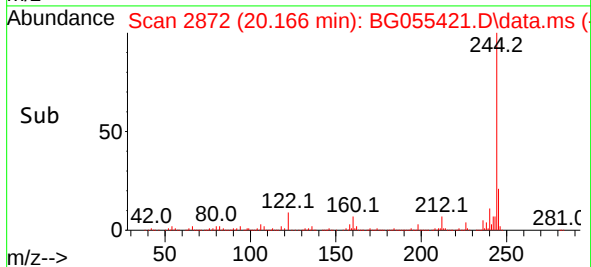
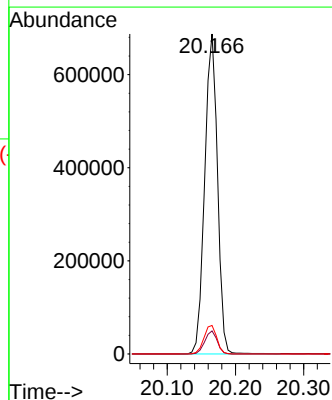
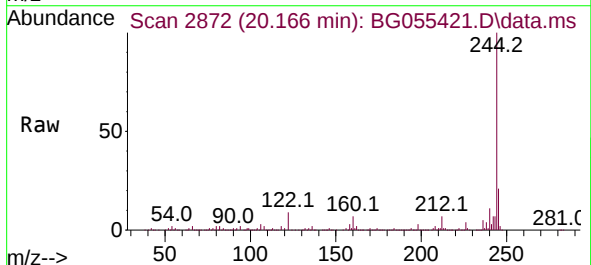
Instrument :
BNA_G
ClientSampleId :
TP-D

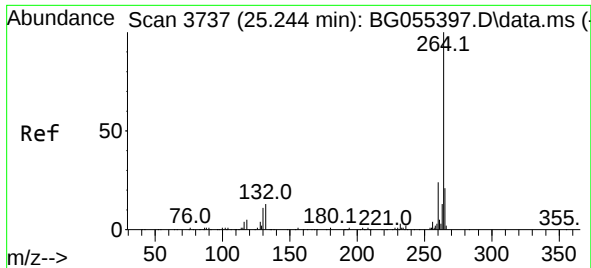
Tgt Ion:184 Resp: 12858
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 5.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 86.738 ng
RT: 20.166 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:244 Resp: 893659
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.9 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.236 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG055421.D
 Acq: 2 Nov 2022 19:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Tgt Ion:264 Resp: 211483
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 21.3 17.1 25.7

