

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055424.D
 Acq On : 2 Nov 2022 21:14
 Operator : CG/JU
 Sample : N5396-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Nov 03 06:12:22 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

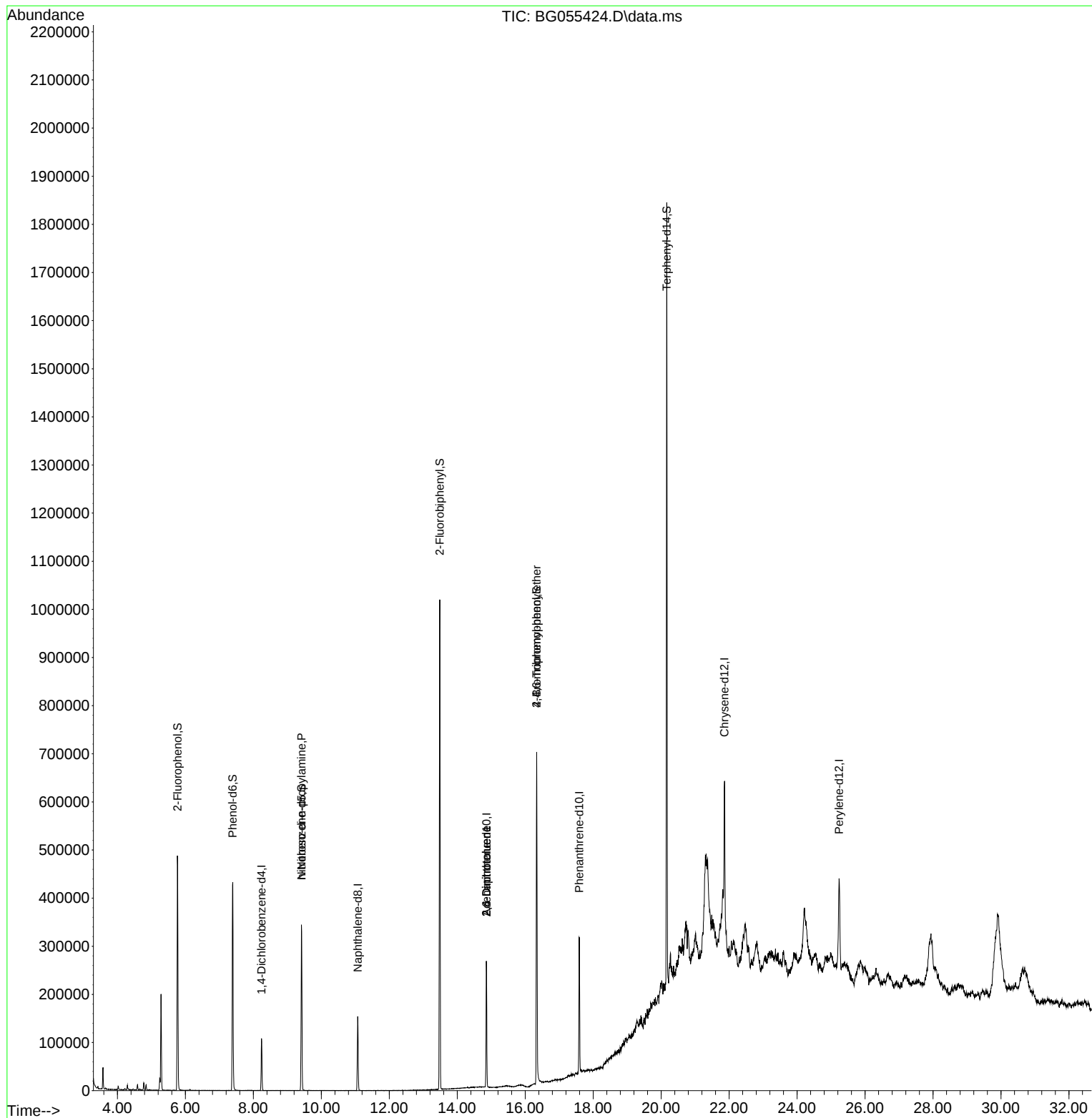
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	32759	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	139514	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	92396	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	188400	20.000	ng	0.00
76) Chrysene-d12	21.866	240	183206	20.000	ng	0.00
86) Perylene-d12	25.238	264	202227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	235128	128.897	ng	0.00
7) Phenol-d6	7.394	99	283244	111.970	ng	0.00
23) Nitrobenzene-d5	9.416	82	212664	81.238	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	164980	130.905	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	541796	86.941	ng	0.00
79) Terphenyl-d14	20.168	244	818049	86.827	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	28211	14.272	ng	# 78
51) 2,6-Dinitrotoluene	14.856	165	12209	7.562	ng	# 27
57) 2,4-Dinitrotoluene	14.856	165	12209	5.288	ng	# 25
67) 4-Bromophenyl-phenylether	16.337	248	10153	4.559	ng	# 1

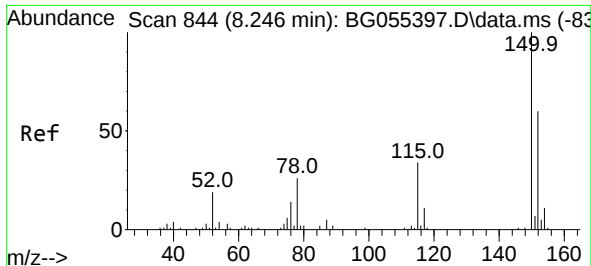
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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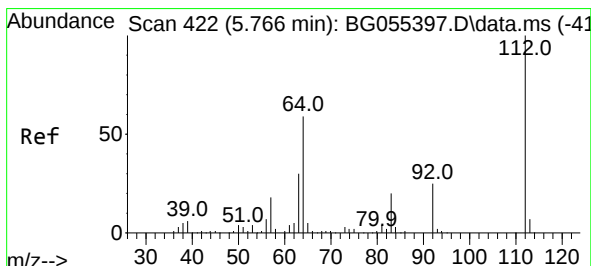
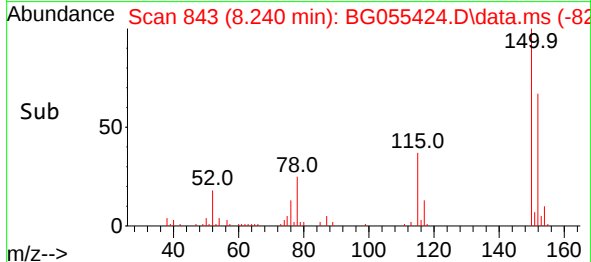
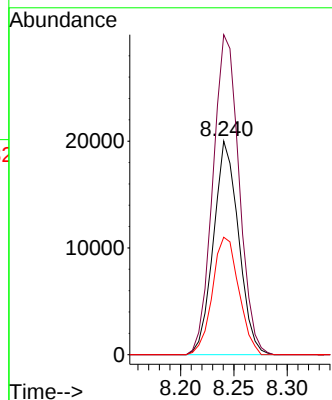
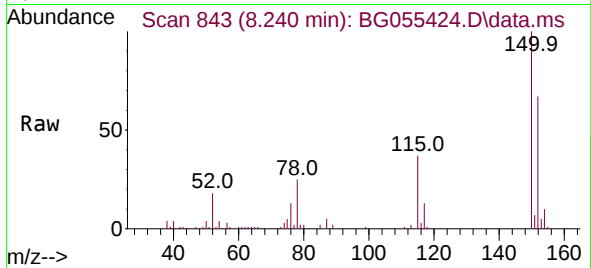




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.240 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

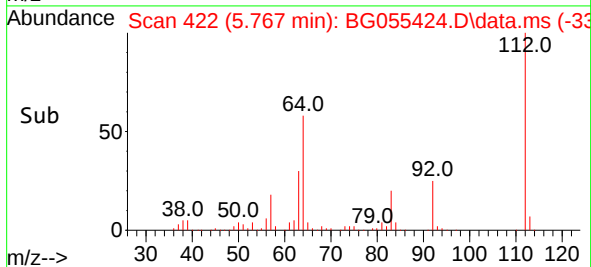
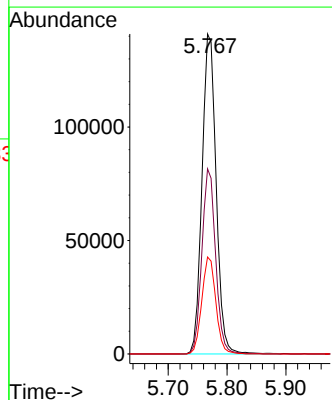
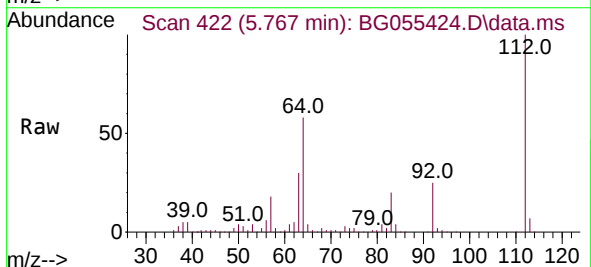
Instrument :
BNA_G
ClientSampleId :
TP-A

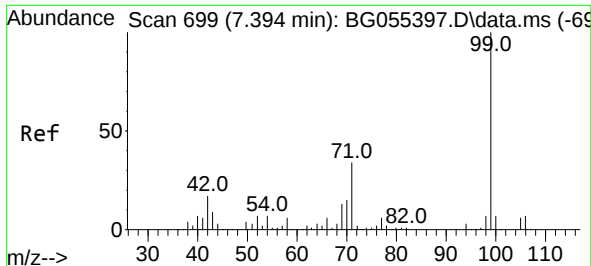
Tgt Ion:152 Resp: 32759
Ion Ratio Lower Upper
152 100
150 149.8 132.8 199.2
115 55.0 45.1 67.7



#5
2-Fluorophenol
Concen: 128.897 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

Tgt Ion:112 Resp: 235128
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 30.3 24.3 36.5

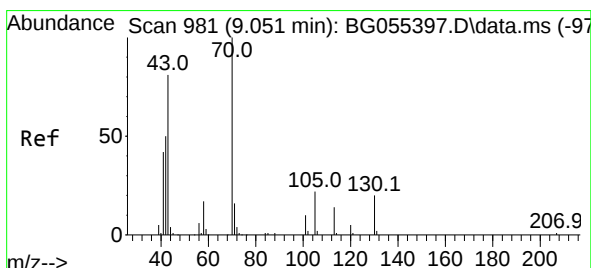
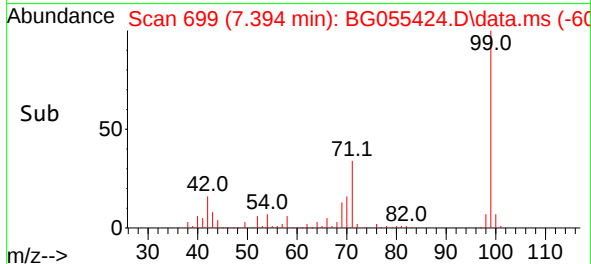
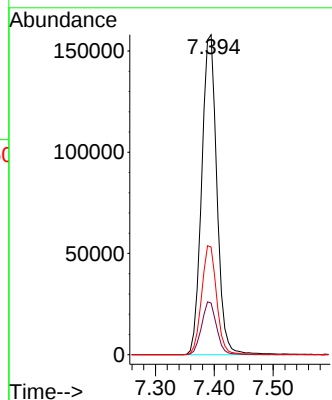
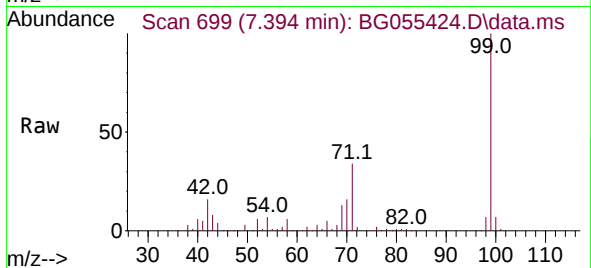




#7
Phenol-d6
Concen: 111.970 ng
RT: 7.394 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

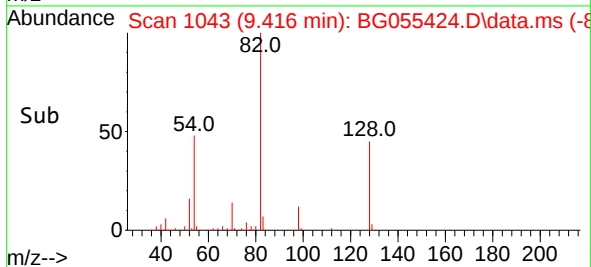
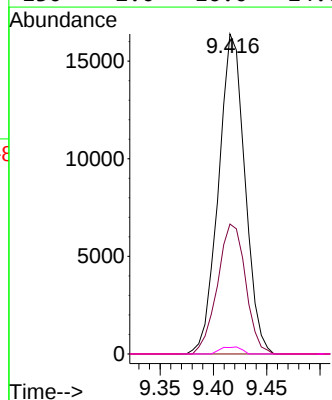
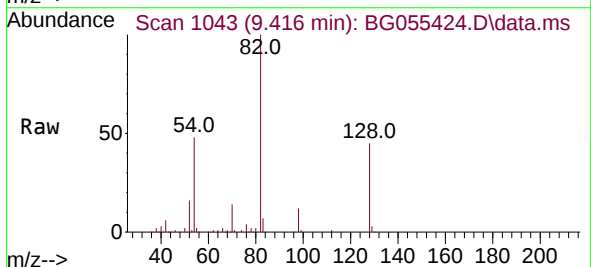
Instrument :
BNA_G
ClientSampleId :
TP-A

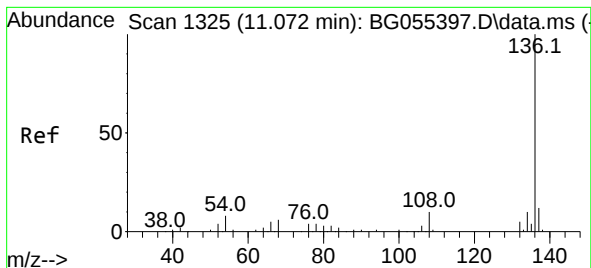
Tgt Ion: 99 Resp: 283244
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 33.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.272 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.365 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

Tgt Ion: 70 Resp: 28211
Ion Ratio Lower Upper
70 100
42 40.6 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: 11.072 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

Instrument :

BNA_G

ClientSampleId :

TP-A

Tgt Ion:136 Resp: 139514

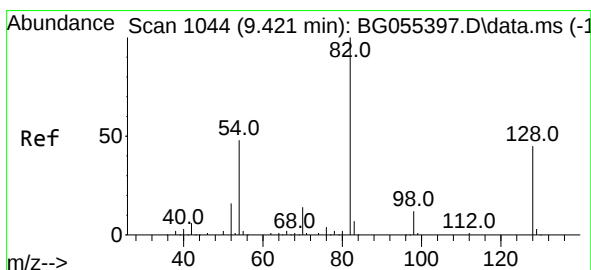
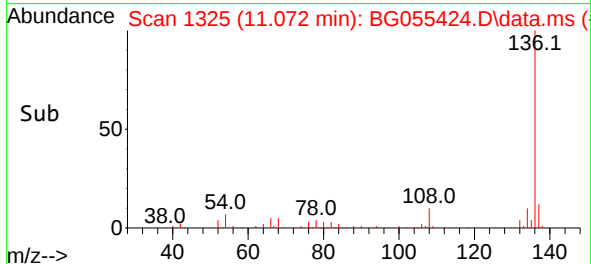
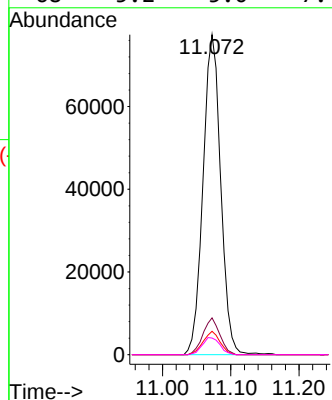
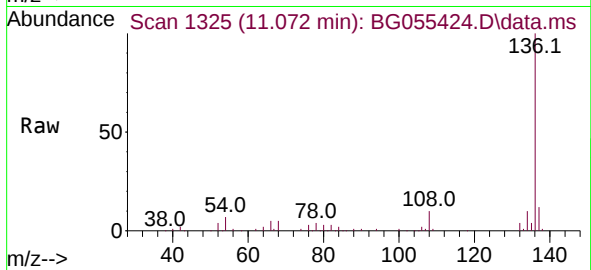
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 7.3 6.1 9.1

68 5.2 5.0 7.4



#23

Nitrobenzene-d5

Concen: 81.238 ng

RT: 9.416 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

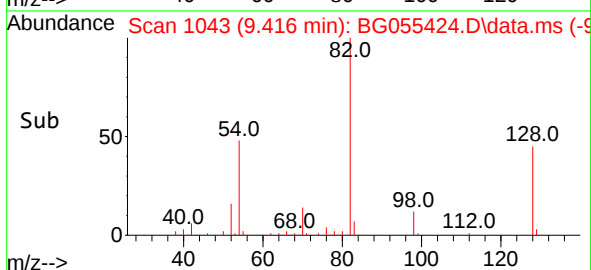
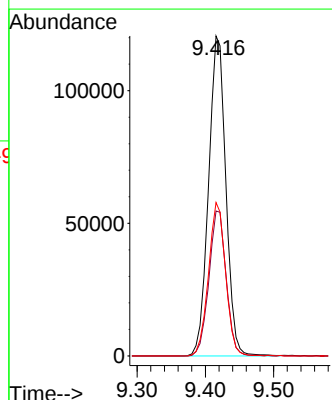
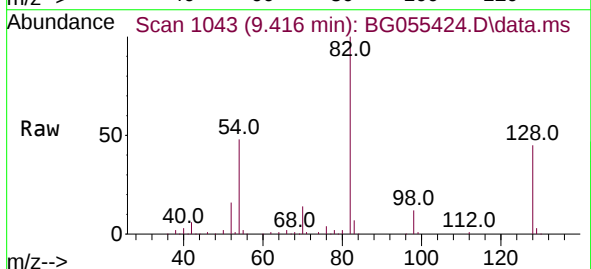
Tgt Ion: 82 Resp: 212664

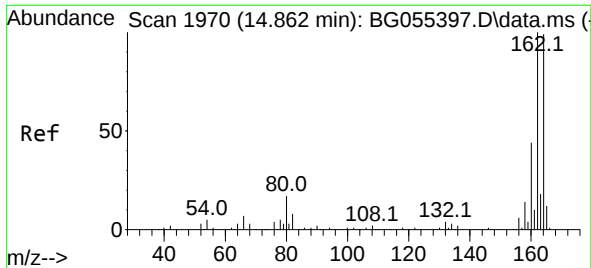
Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.8

54 47.9 38.1 57.1

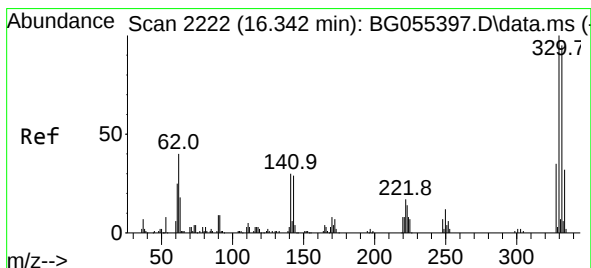
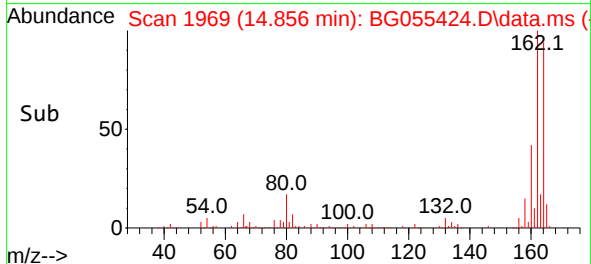
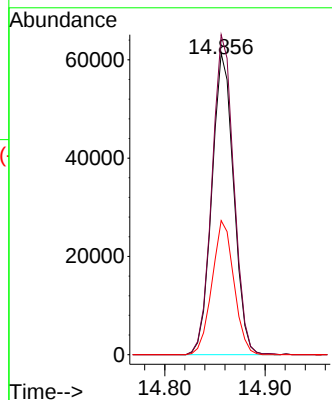
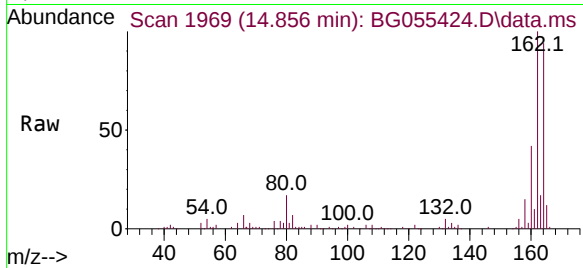




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

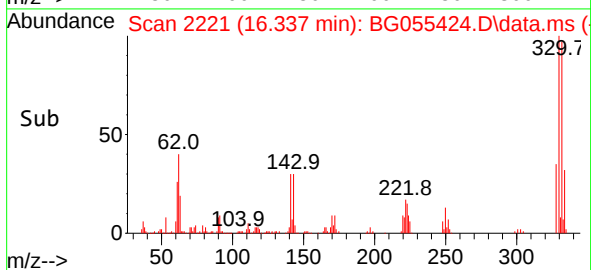
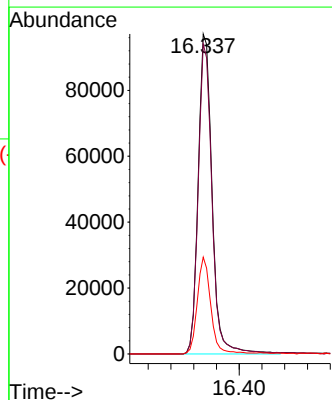
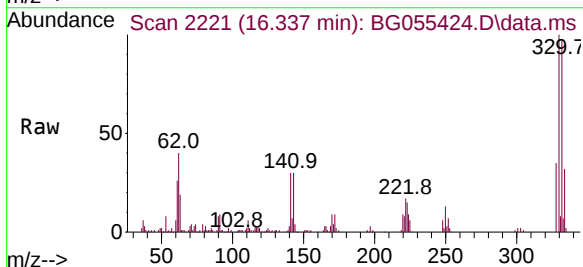
Instrument :
BNA_G
ClientSampleId :
TP-A

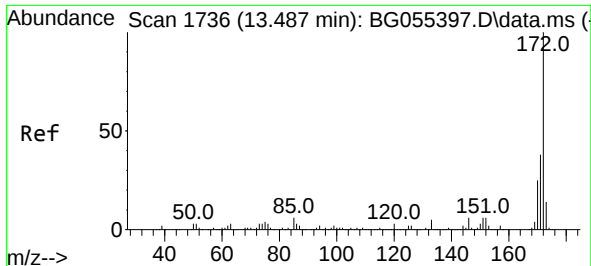
Tgt Ion:164 Resp: 92396
Ion Ratio Lower Upper
164 100
162 106.2 81.1 121.7
160 44.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 130.905 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

Tgt Ion:330 Resp: 164980
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 29.4 24.2 36.2

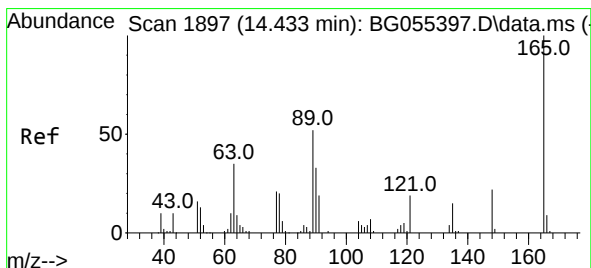
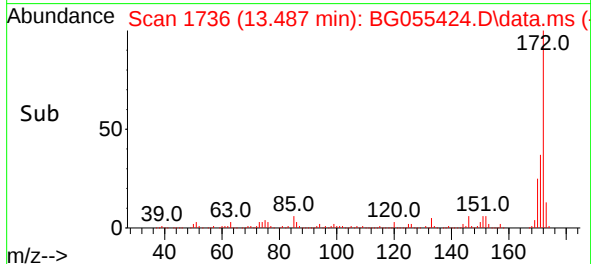
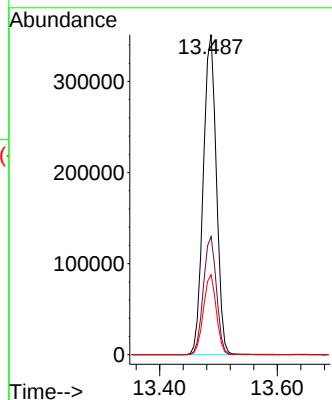
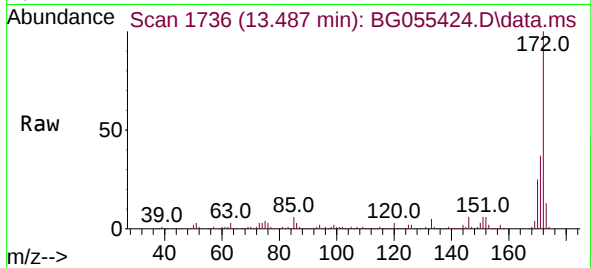




#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 13.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

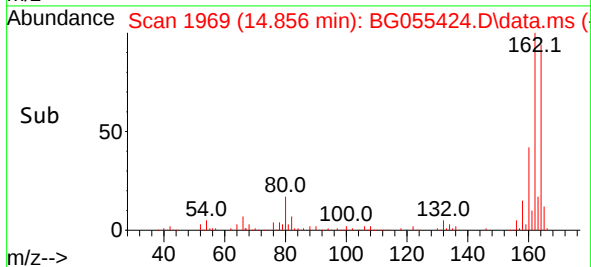
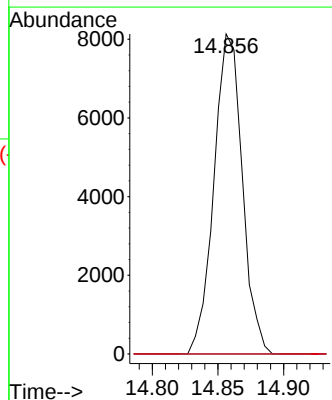
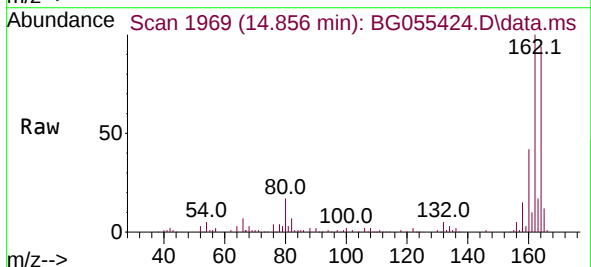
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ClientSampleId :
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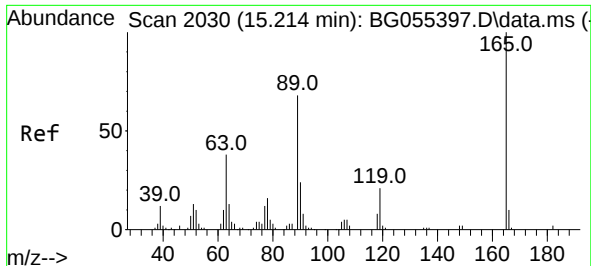
Tgt Ion:172 Resp: 541796
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.2
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.423 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

Tgt Ion:165 Resp: 12209
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: 5.288 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.358 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

Instrument :

BNA_G

ClientSampleId :

TP-A

Tgt Ion:165 Resp: 12209

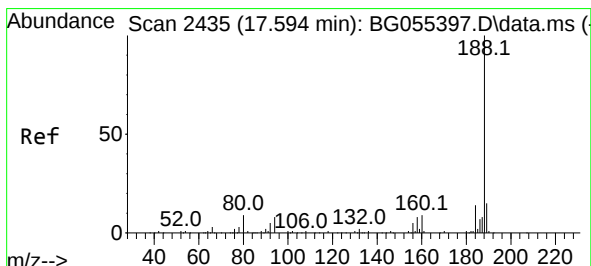
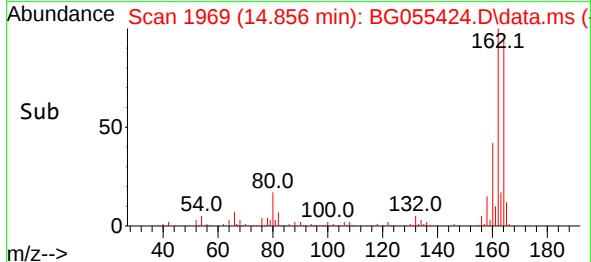
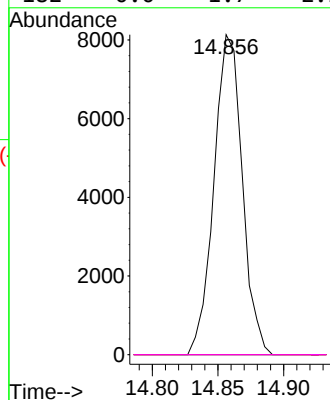
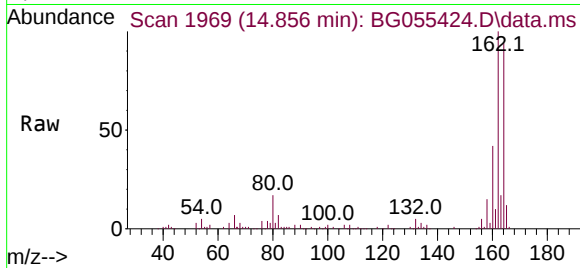
Ion Ratio Lower Upper

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: 17.588 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

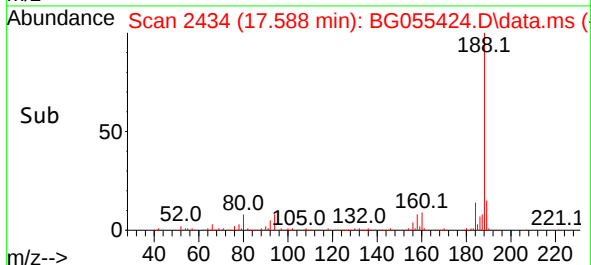
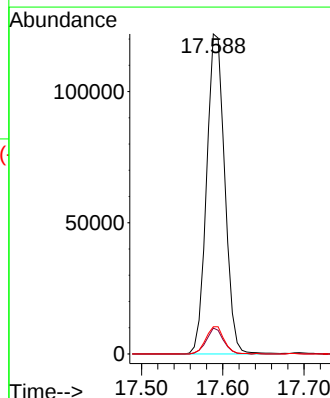
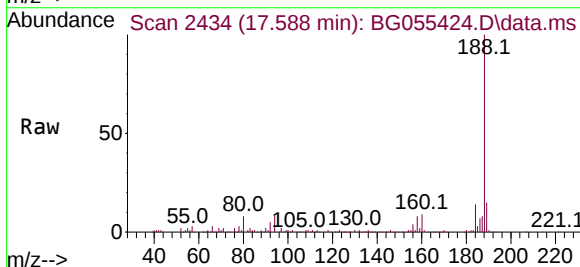
Tgt Ion:188 Resp: 188400

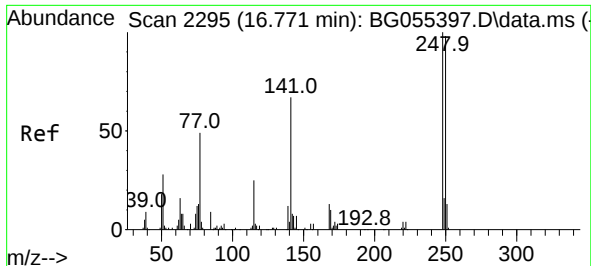
Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

80 8.5 7.4 11.0

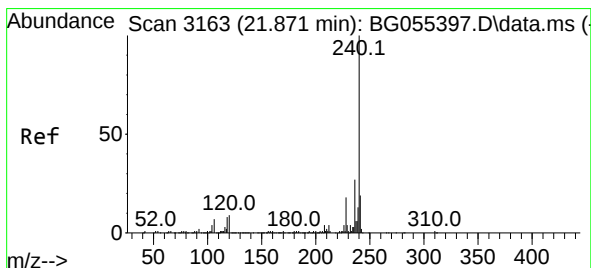
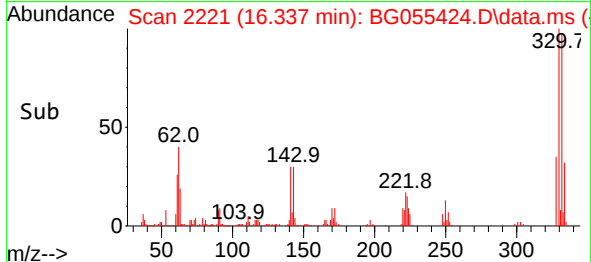
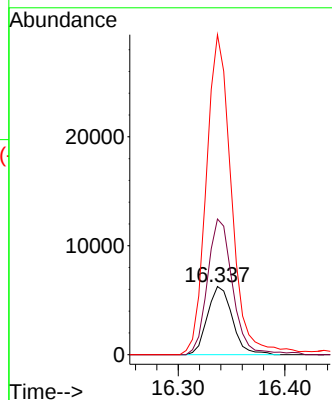
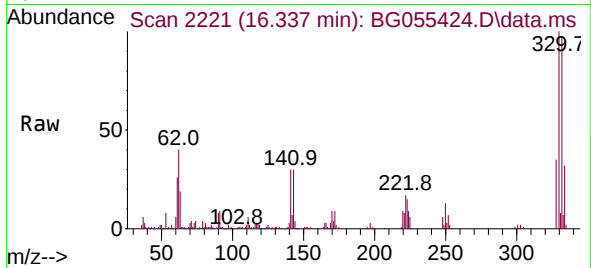




#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

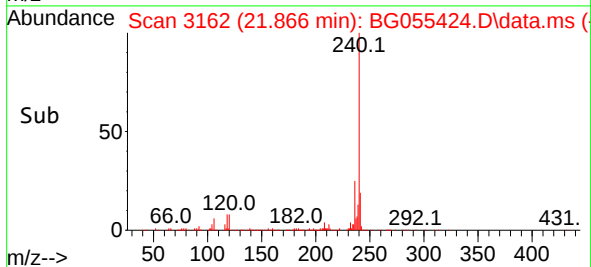
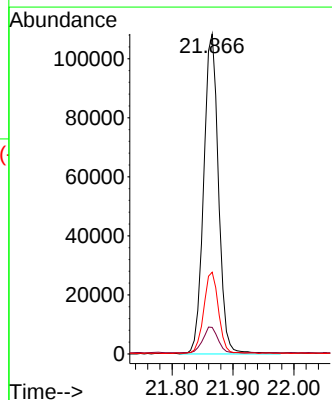
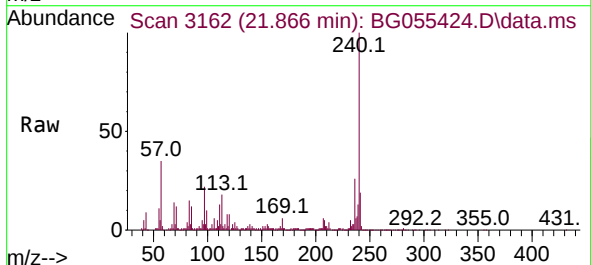
Instrument :
BNA_G
ClientSampleId :
TP-A

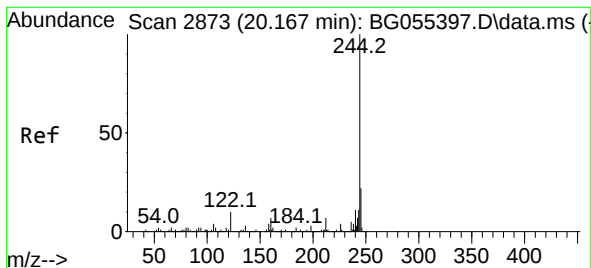
Tgt Ion:248 Resp: 10153
Ion Ratio Lower Upper
248 100
250 199.0 78.3 117.5#
141 469.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BG055424.D
Acq: 2 Nov 2022 21:14

Tgt Ion:240 Resp: 183206
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.5 21.5 32.3





#79

Terphenyl-d14

Concen: 86.827 ng

RT: 20.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

Instrument :

BNA_G

ClientSampleId :

TP-A

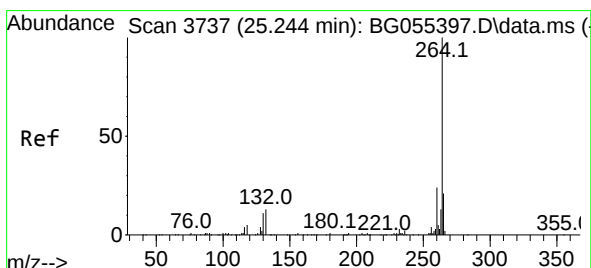
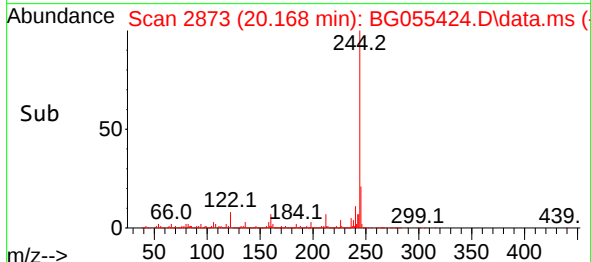
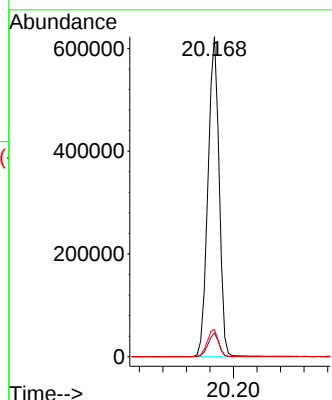
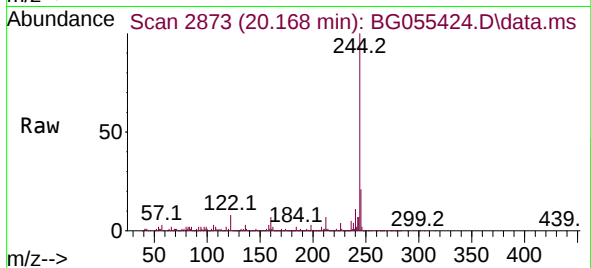
Tgt Ion:244 Resp: 818049

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 8.5 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.238 min Scan# 3736

Delta R.T. -0.005 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

Tgt Ion:264 Resp: 202227

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 17.1 25.7

