

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055727.D
 Acq On : 21 Nov 2022 23:11
 Operator : CG/JU
 Sample : N5678-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-05

Quant Time: Nov 22 02:09:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

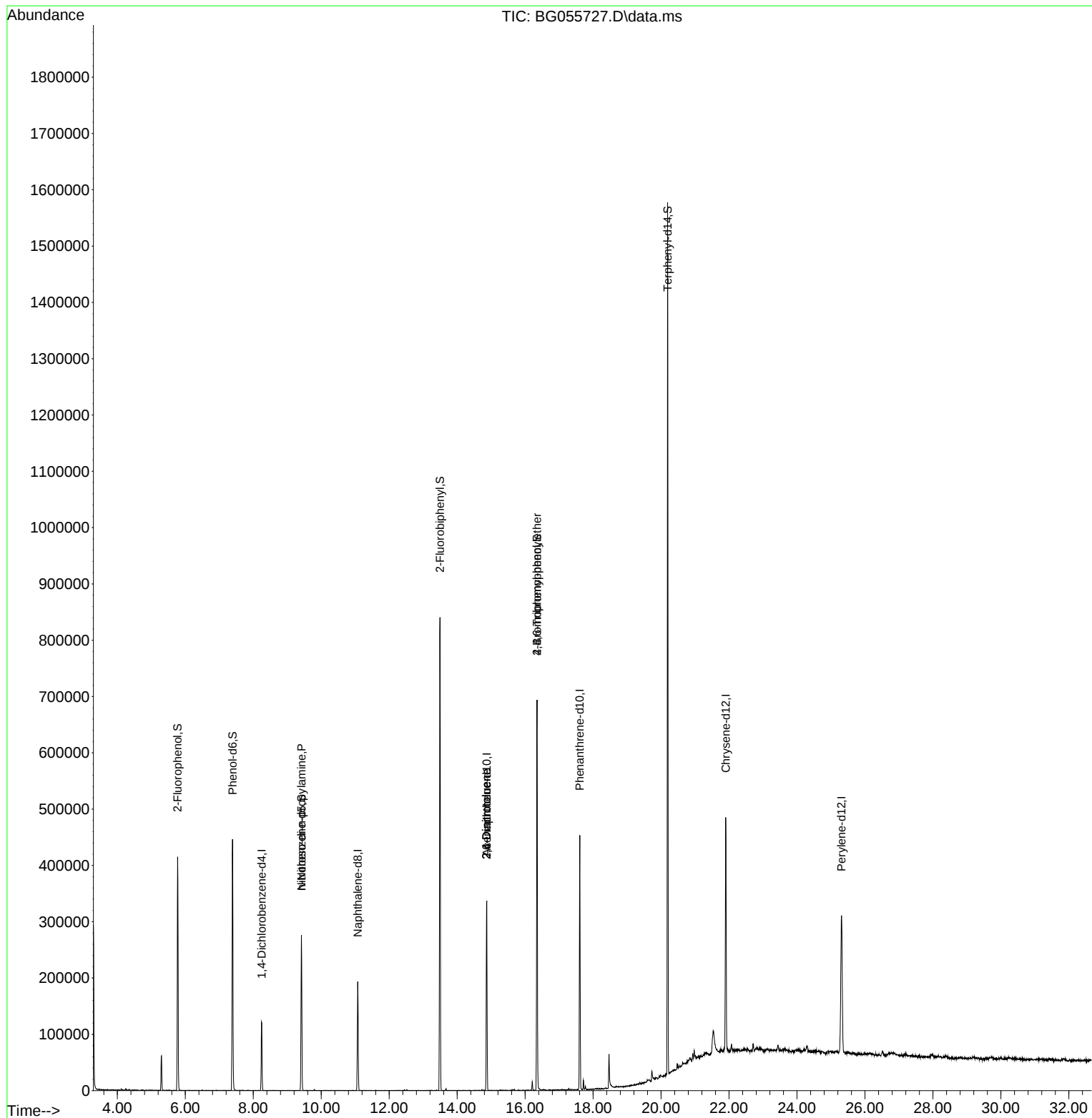
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	36045	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	166825	20.000	ng	-0.01
39) Acenaphthene-d10	14.869	164	126985	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	285808	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	265841	20.000	ng	-0.02
86) Perylene-d12	25.310	264	281409	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	178971	89.747	ng	0.00
7) Phenol-d6	7.389	99	252492	95.116	ng	0.00
23) Nitrobenzene-d5	9.417	82	160669	50.904	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	146157	81.738	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	456589	53.867	ng	0.00
79) Terphenyl-d14	20.192	244	774743	58.290	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.417	70	21585	10.583	ng	# 74
51) 2,6-Dinitrotoluene	14.863	165	16299	7.875	ng	# 27
57) 2,4-Dinitrotoluene	14.863	165	16299	5.585	ng	# 25
67) 4-Bromophenyl-phenylether	16.350	248	9406	2.888	ng	# 1

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

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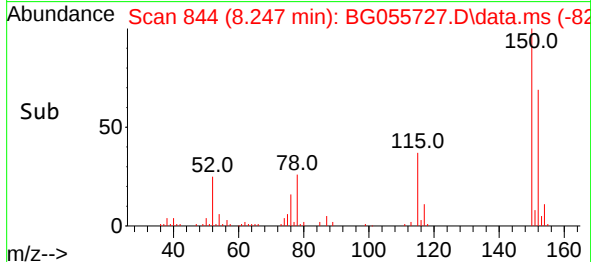
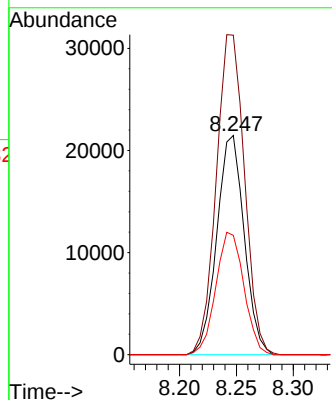
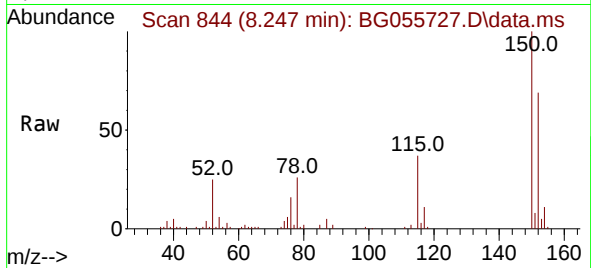




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

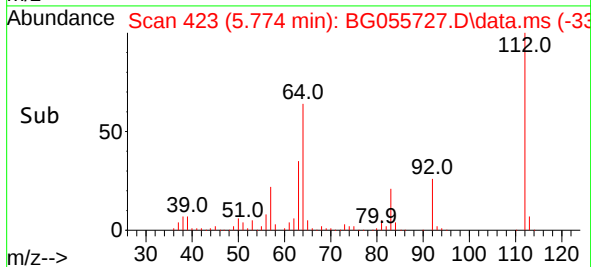
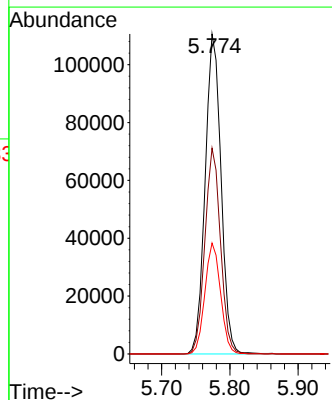
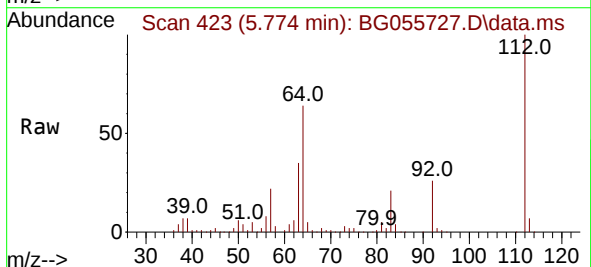
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

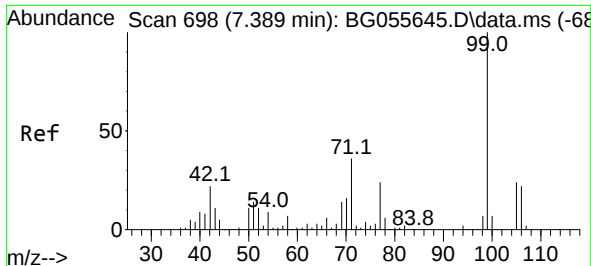
Tgt Ion:152 Resp: 36045
Ion Ratio Lower Upper
152 100
150 145.8 123.0 184.6
115 54.5 47.0 70.4



#5
2-Fluorophenol
Concen: 89.747 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:112 Resp: 178971
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 34.6 27.5 41.3

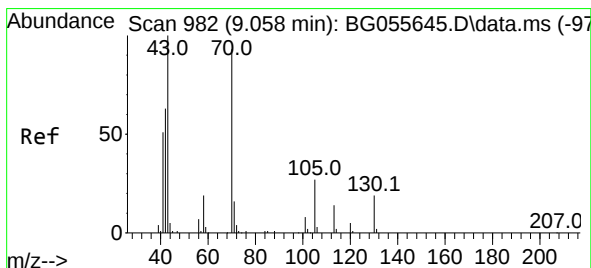
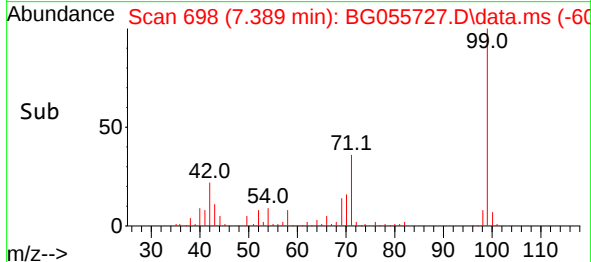
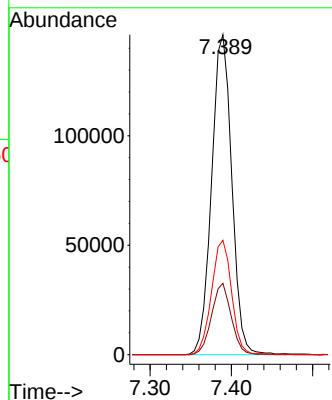
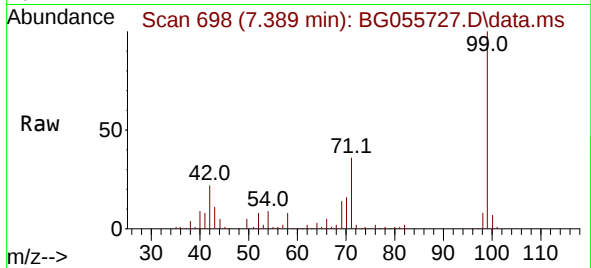




#7
Phenol-d6
Concen: 95.116 ng
RT: 7.389 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

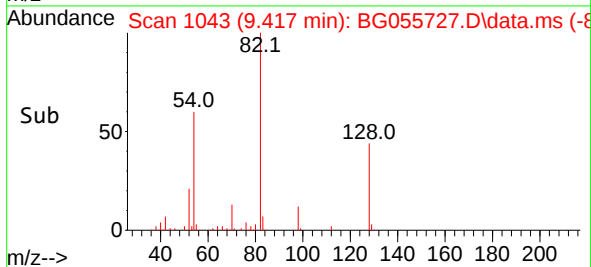
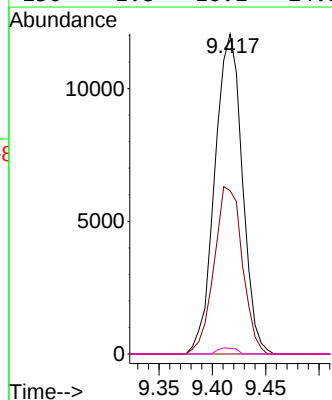
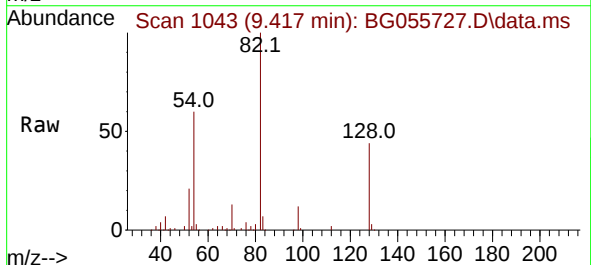
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

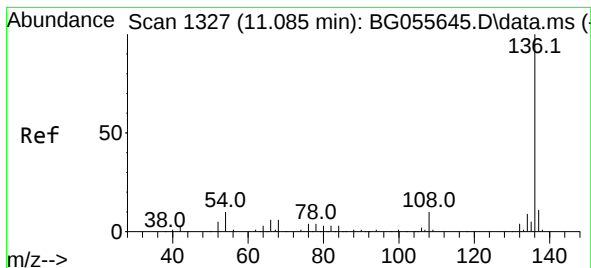
Tgt Ion: 99 Resp: 252492
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 35.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.583 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion: 70 Resp: 21585
Ion Ratio Lower Upper
70 100
42 51.0 55.2 82.8#
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.073 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG055727.D

Acq: 21 Nov 2022 23:11

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-05

Tgt Ion:136 Resp: 166825

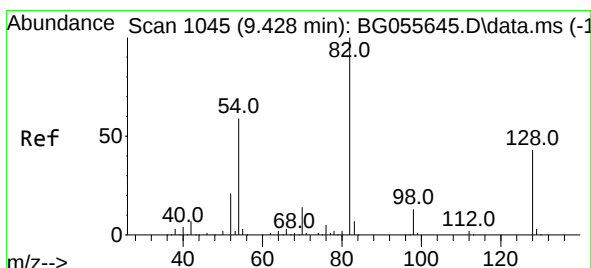
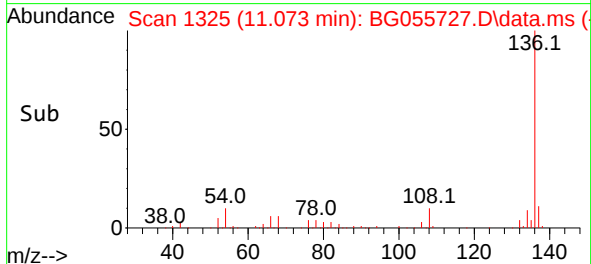
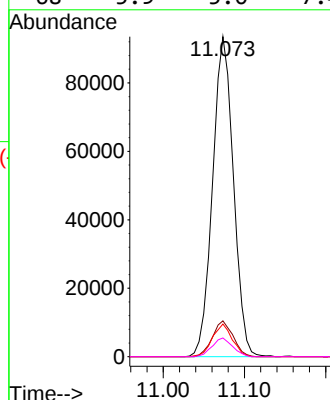
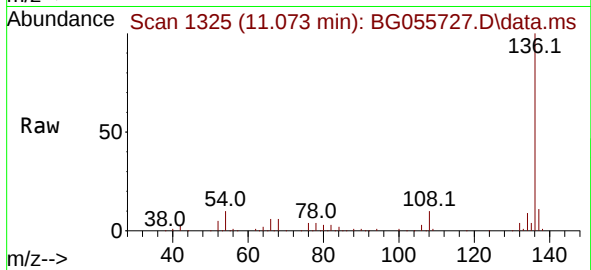
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 10.2 7.8 11.6

68 5.9 5.0 7.4



#23

Nitrobenzene-d5

Concen: 50.904 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.011 min

Lab File: BG055727.D

Acq: 21 Nov 2022 23:11

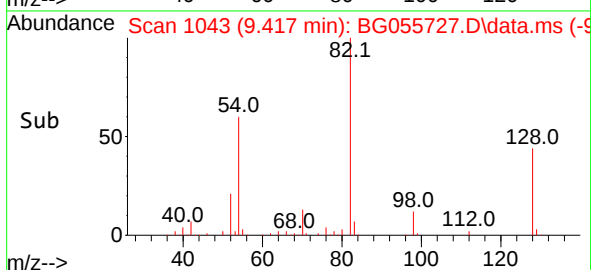
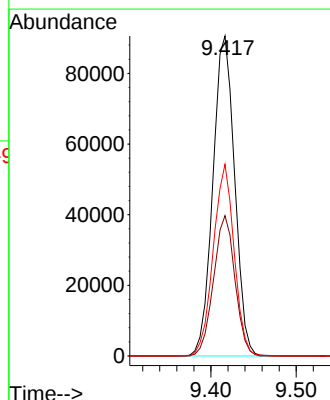
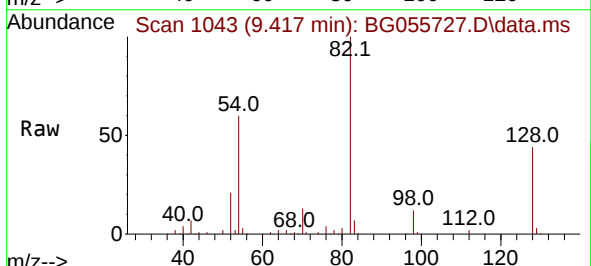
Tgt Ion: 82 Resp: 160669

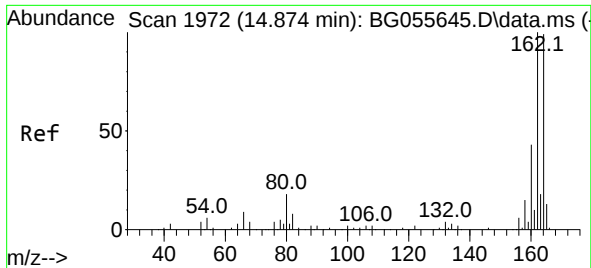
Ion Ratio Lower Upper

82 100

128 43.8 34.1 51.1

54 59.9 47.3 70.9

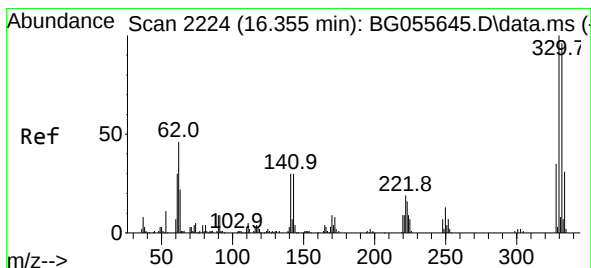
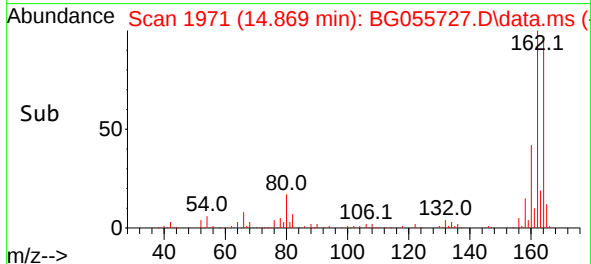
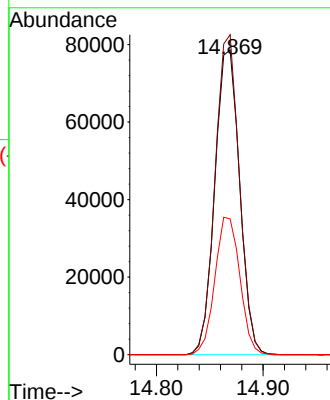
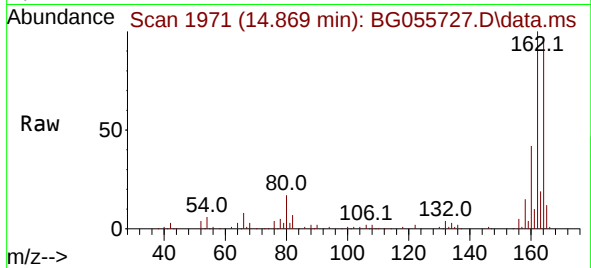




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

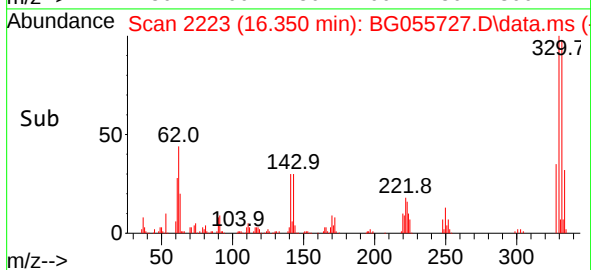
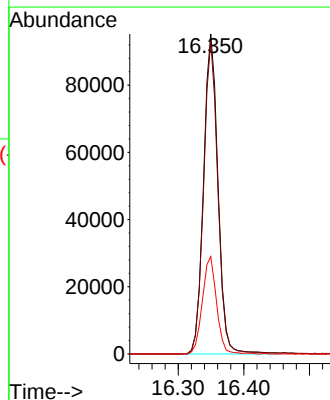
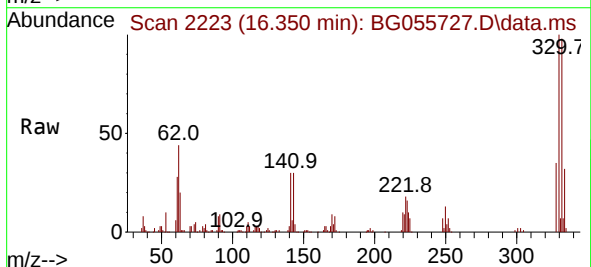
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

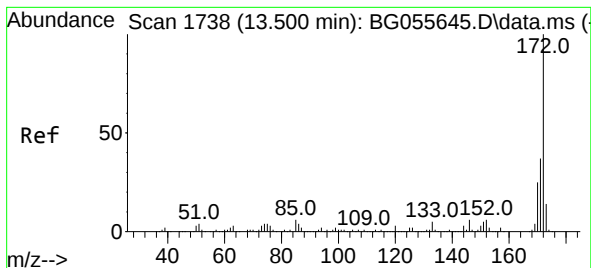
Tgt Ion:164 Resp: 126985
Ion Ratio Lower Upper
164 100
162 105.0 81.1 121.7
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 81.738 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:330 Resp: 146157
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 29.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 53.867 ng

RT: 13.494 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055727.D

Acq: 21 Nov 2022 23:11

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-05

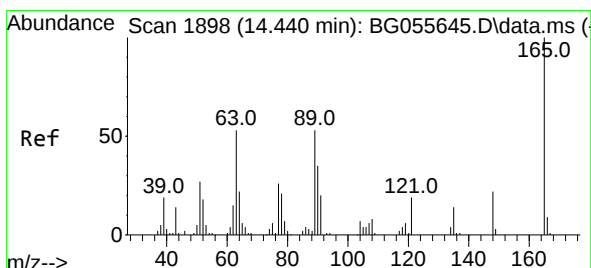
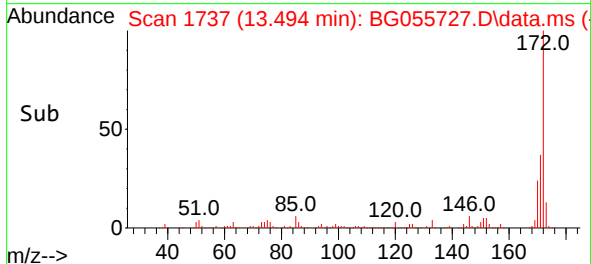
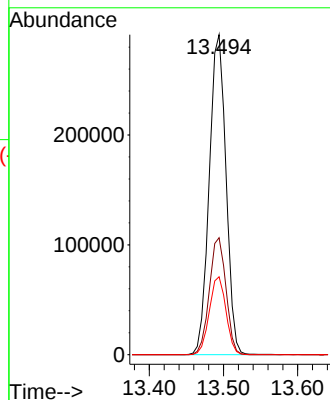
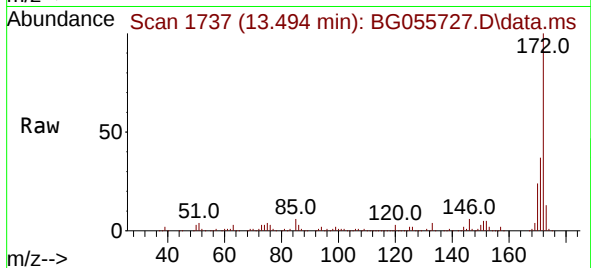
Tgt Ion:172 Resp: 456589

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

170 24.4 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.875 ng

RT: 14.863 min Scan# 1970

Delta R.T. 0.423 min

Lab File: BG055727.D

Acq: 21 Nov 2022 23:11

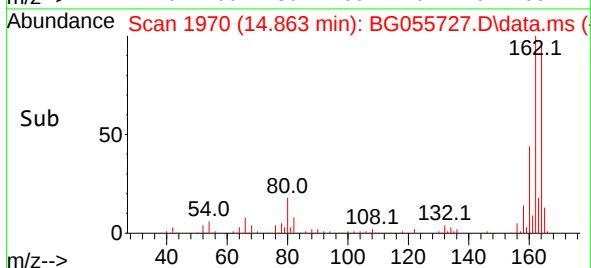
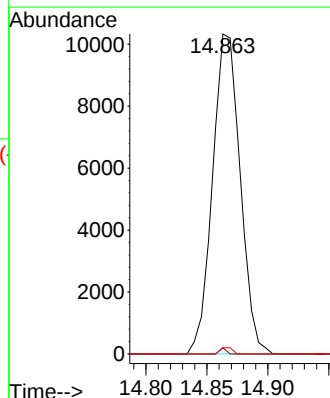
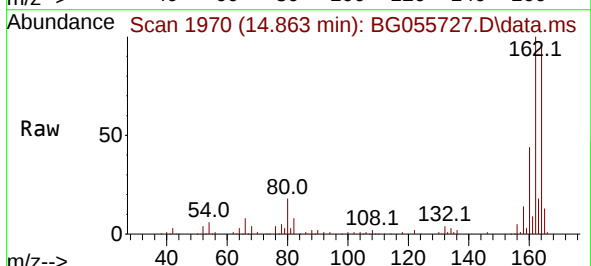
Tgt Ion:165 Resp: 16299

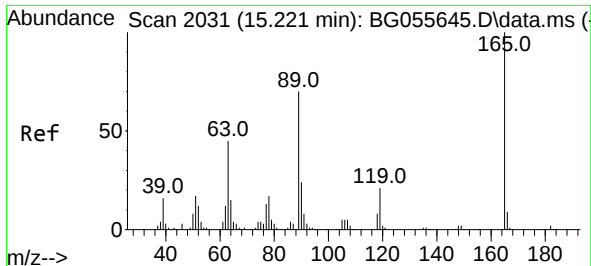
Ion Ratio Lower Upper

165 100

63 2.0 44.6 66.8#

89 2.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.585 ng

RT: 14.863 min Scan# 1970

Delta R.T. -0.358 min

Lab File: BG055727.D

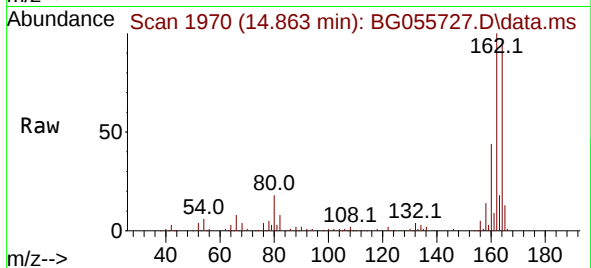
Acq: 21 Nov 2022 23:11

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-05



Tgt Ion:165 Resp: 16299

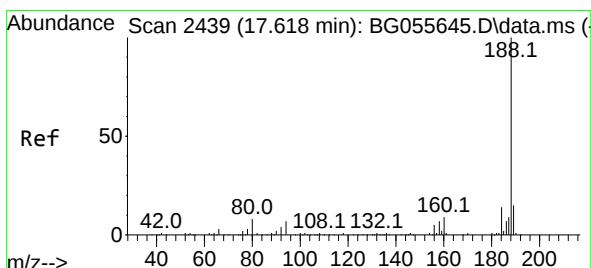
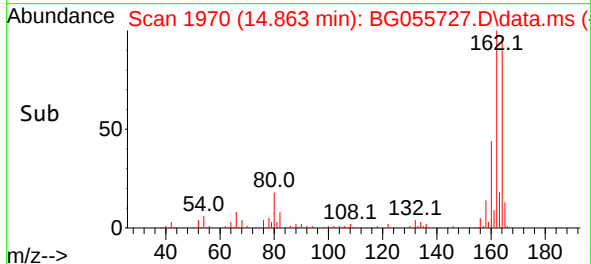
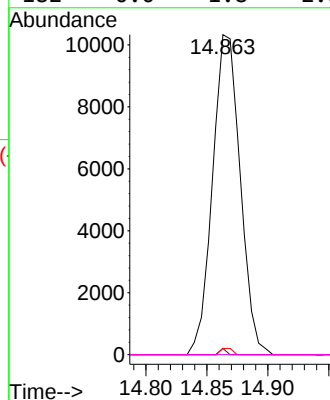
Ion Ratio Lower Upper

165 100

63 2.0 35.8 53.8#

89 2.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.011 min

Lab File: BG055727.D

Acq: 21 Nov 2022 23:11

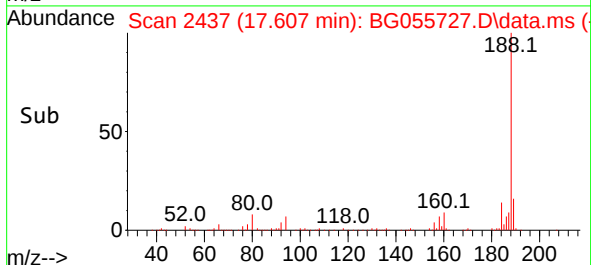
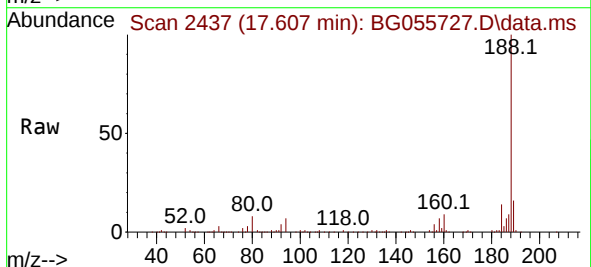
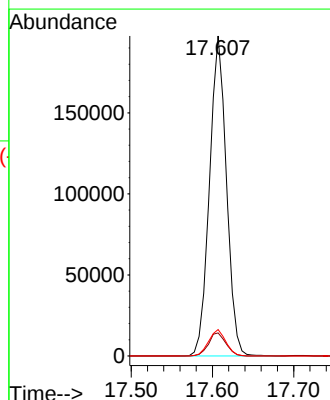
Tgt Ion:188 Resp: 285808

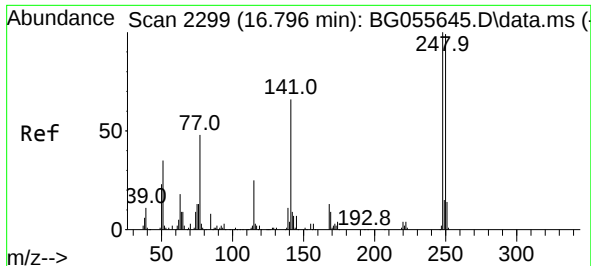
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.3 6.6 10.0

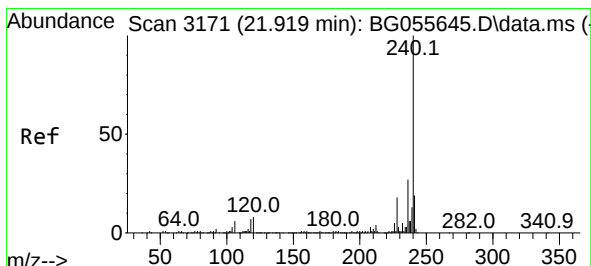
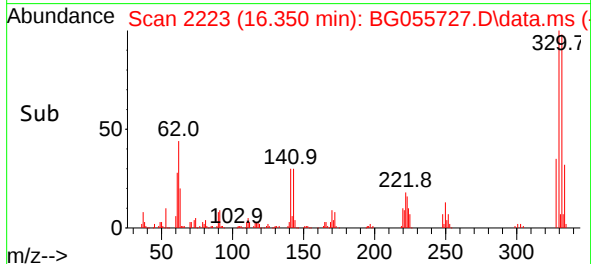
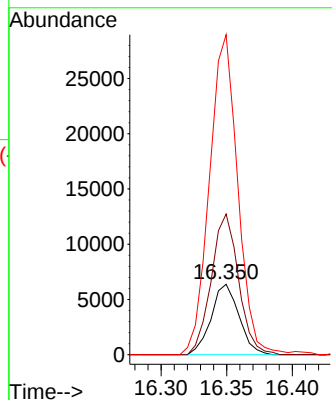
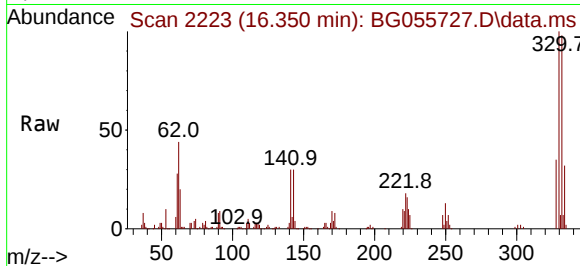




#67
4-Bromophenyl-phenylether
Concen: 2.888 ng
RT: 16.350 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

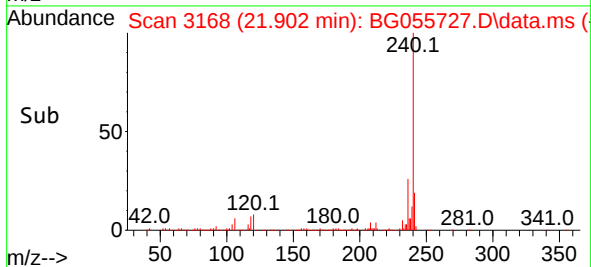
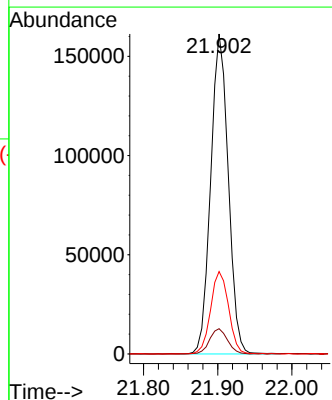
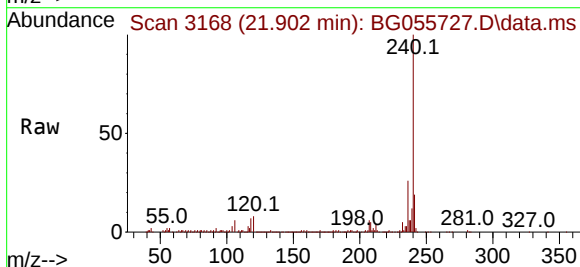
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

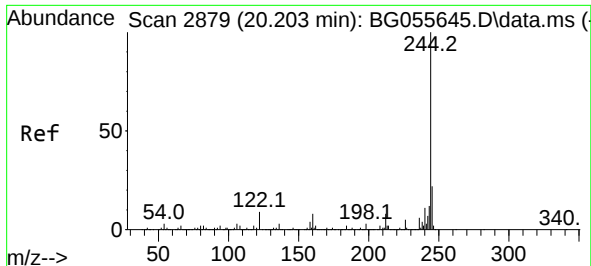
Tgt Ion:248 Resp: 9406
Ion Ratio Lower Upper
248 100
250 199.5 79.0 118.4#
141 454.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:240 Resp: 265841
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 25.8 21.9 32.9

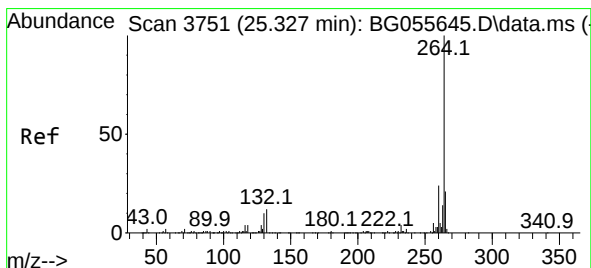
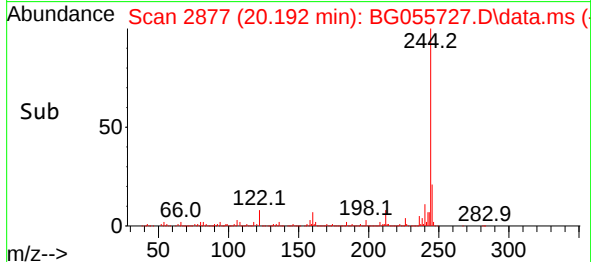
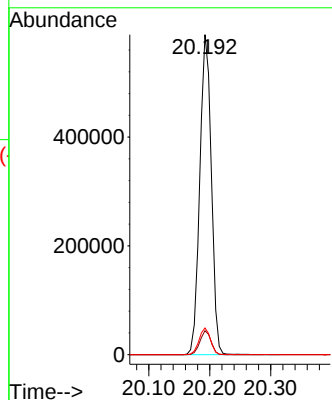
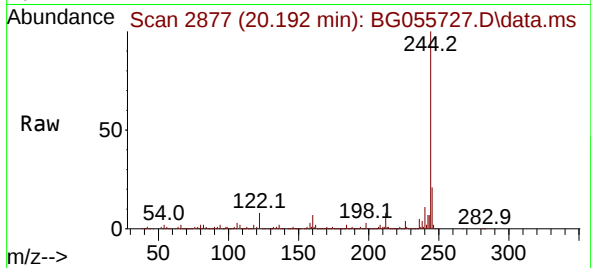




#79
 Terphenyl-d14
 Concen: 58.290 ng
 RT: 20.192 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG055727.D
 Acq: 21 Nov 2022 23:11

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-05

Tgt Ion:244 Resp: 774743
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.310 min Scan# 3748
 Delta R.T. -0.017 min
 Lab File: BG055727.D
 Acq: 21 Nov 2022 23:11

Tgt Ion:264 Resp: 281409
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 22.8 17.1 25.7

