

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055627.D
 Acq On : 15 Nov 2022 18:24
 Operator : CG/JU
 Sample : N5537-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 360

Quant Time: Nov 16 01:44:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

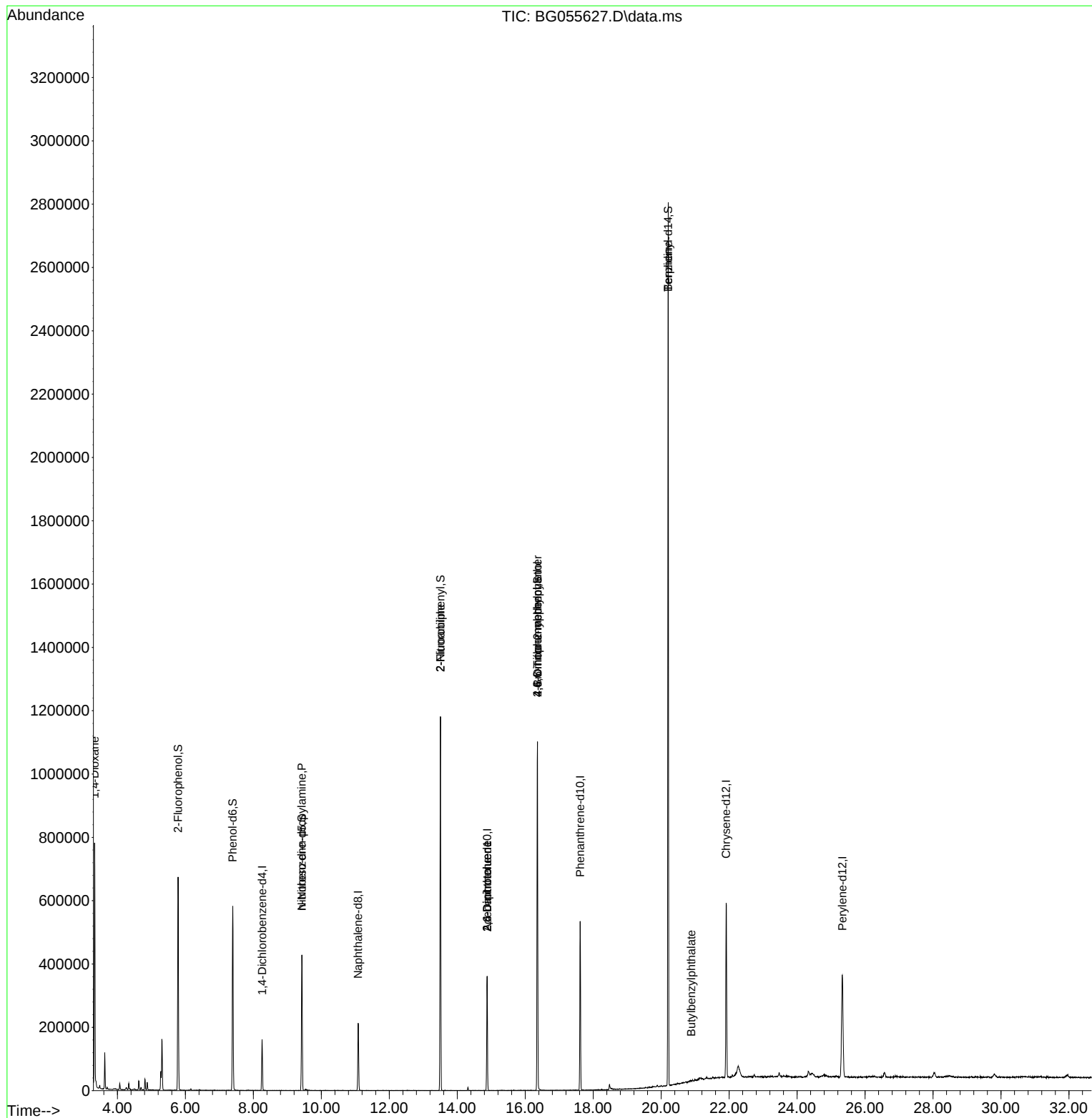
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	44973	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	183198	20.000	ng	0.00
39) Acenaphthene-d10	14.879	164	131636	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	347543	20.000	ng	0.00
76) Chrysene-d12	21.912	240	358627	20.000	ng	0.00
86) Perylene-d12	25.332	264	367137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	282467	119.632	ng	0.00
7) Phenol-d6	7.394	99	320125	98.153	ng	0.00
23) Nitrobenzene-d5	9.427	82	249539	92.341	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	233916	182.124	ng	0.00
45) 2-Fluorobiphenyl	13.504	172	591401	67.768	ng	0.00
79) Terphenyl-d14	20.208	244	1391876	77.955	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	5837	4.867	ng	# 1
19) n-Nitroso-di-n-propyla...	9.427	70	33407	12.394	ng	# 80
48) 2-Nitroaniline	13.504	65	967	4.252	ng	# 1
51) 2,6-Dinitrotoluene	14.879	165	17175	12.279	ng	# 20
57) 2,4-Dinitrotoluene	14.879	165	17175	10.460	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.360	198	589	2.595	ng	# 74
67) 4-Bromophenyl-phenylether	16.360	248	15416	4.348	ng	# 1
77) Benzidine	20.208	184	21768	2.244	ng	# 94
80) Butylbenzylphthalate	20.884	149	971	3.462	ng	# 61

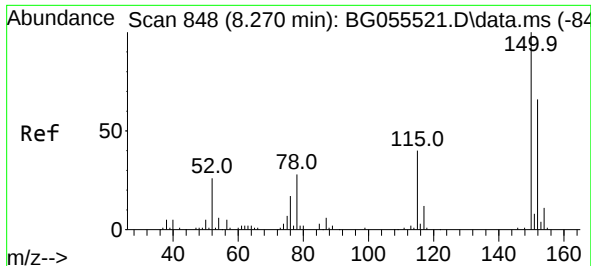
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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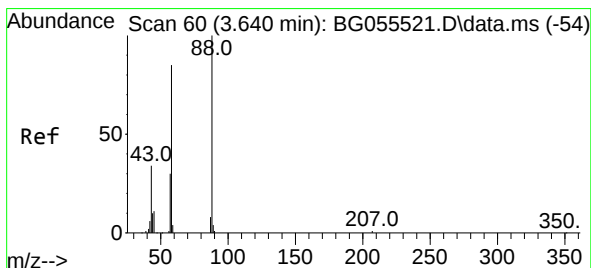
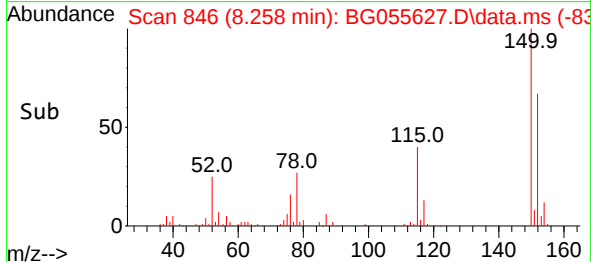
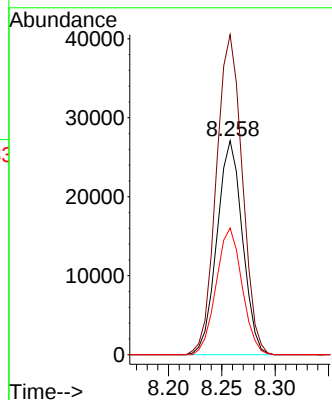
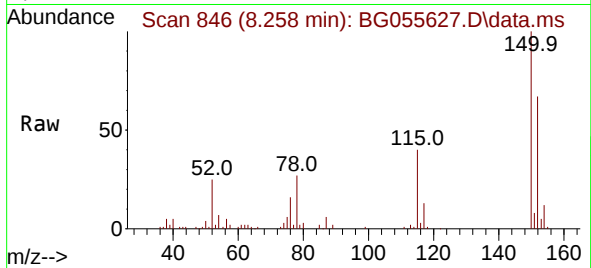




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.258 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055627.D
 Acq: 15 Nov 2022 18:24

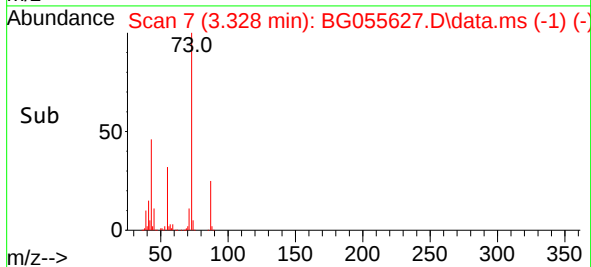
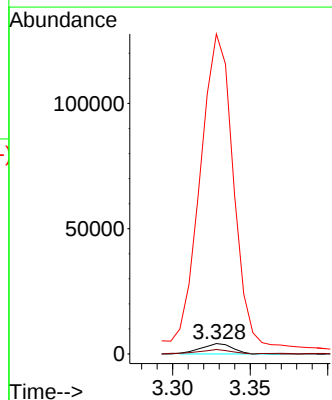
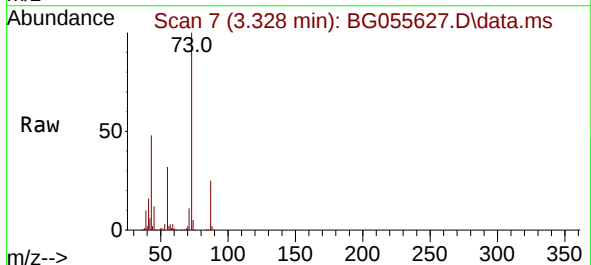
Instrument :
 BNA_G
 ClientSampleId :
 360

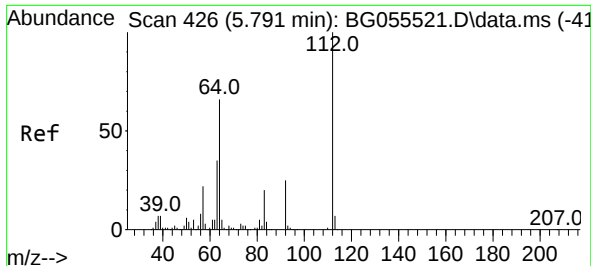
Tgt Ion:152 Resp: 44973
 Ion Ratio Lower Upper
 152 100
 150 149.5 121.0 181.4
 115 59.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 4.867 ng
 RT: 3.328 min Scan# 7
 Delta R.T. -0.297 min
 Lab File: BG055627.D
 Acq: 15 Nov 2022 18:24

Tgt Ion: 88 Resp: 5837
 Ion Ratio Lower Upper
 88 100
 58 41.6 68.9 103.3#
 43 3212.5 27.1 40.7#

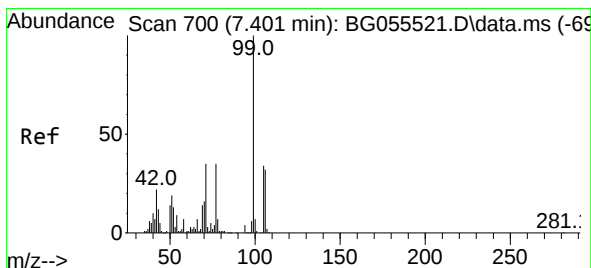
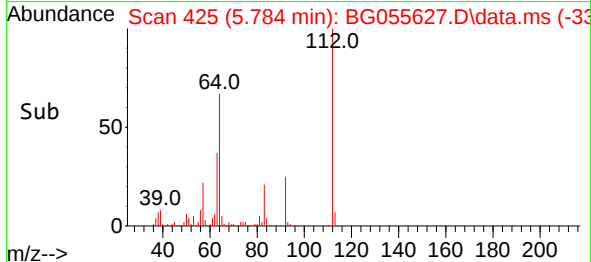
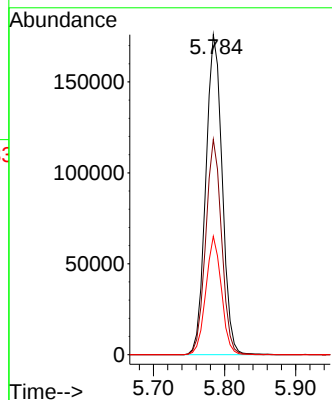
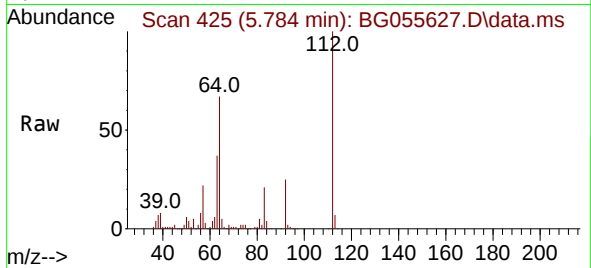




#5
2-Fluorophenol
Concen: 119.632 ng
RT: 5.784 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

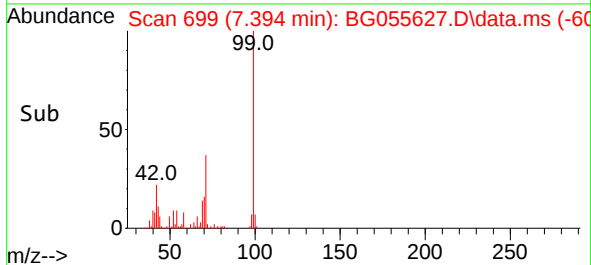
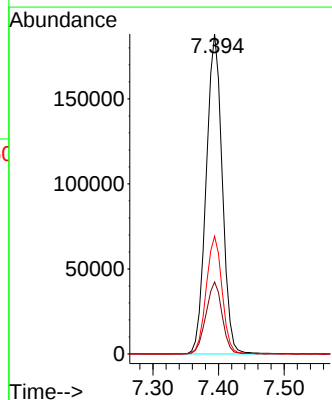
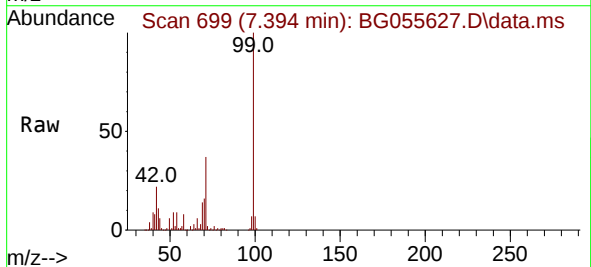
Instrument :
BNA_G
ClientSampleId :
360

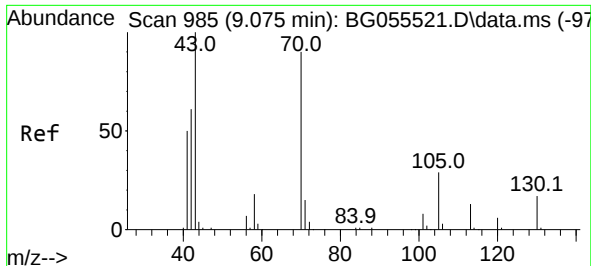
Tgt Ion:112 Resp: 282467
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 37.0 28.3 42.5



#7
Phenol-d6
Concen: 98.153 ng
RT: 7.394 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion: 99 Resp: 320125
Ion Ratio Lower Upper
99 100
42 22.5 17.5 26.3
71 36.8 28.3 42.5





#19

n-Nitroso-di-n-propylamine

Concen: 12.394 ng

RT: 9.427 min Scan# 1045

Delta R.T. 0.361 min

Lab File: BG055627.D

Acq: 15 Nov 2022 18:24

Instrument :

BNA_G

ClientSampleId :

360

Tgt Ion: 70 Resp: 33407

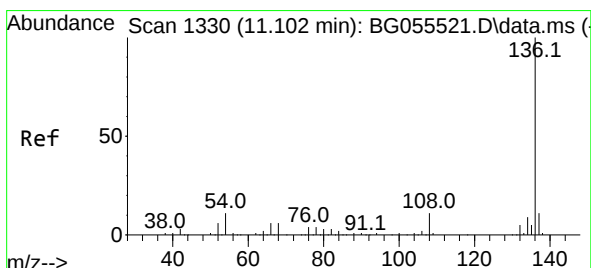
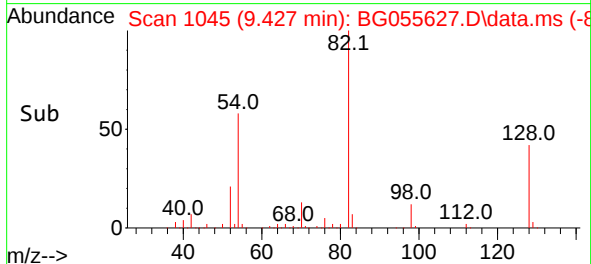
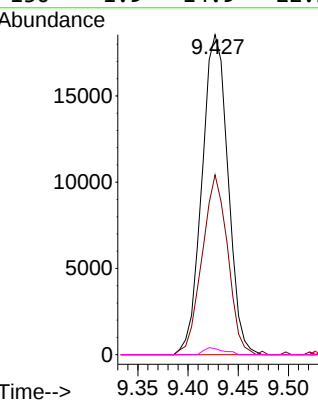
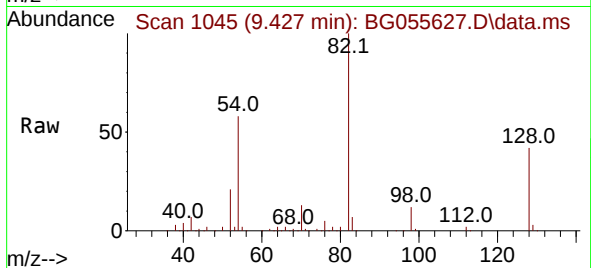
Ion Ratio Lower Upper

70 100

42 56.2 54.8 82.2

101 0.0 6.8 10.2#

130 1.9 14.9 22.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.084 min Scan# 1327

Delta R.T. -0.003 min

Lab File: BG055627.D

Acq: 15 Nov 2022 18:24

Tgt Ion:136 Resp: 183198

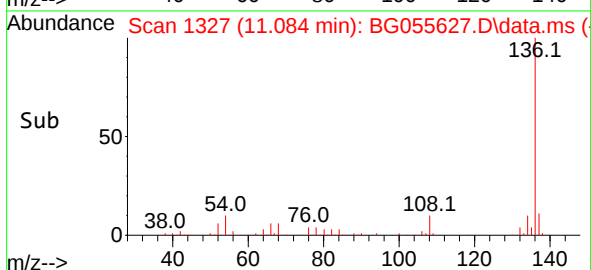
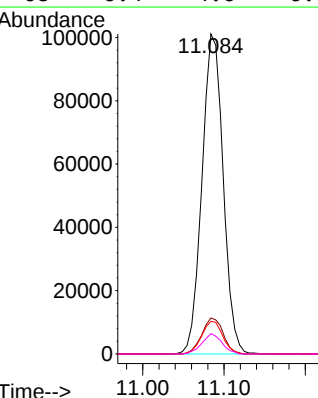
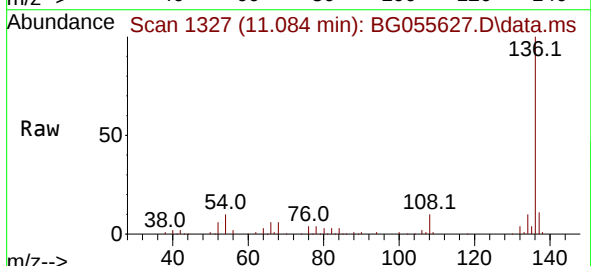
Ion Ratio Lower Upper

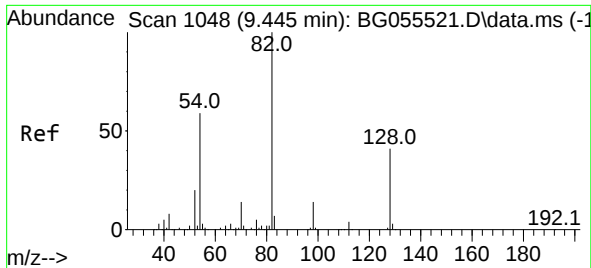
136 100

137 11.3 8.6 12.8

54 10.2 8.6 12.8

68 6.4 4.6 6.8

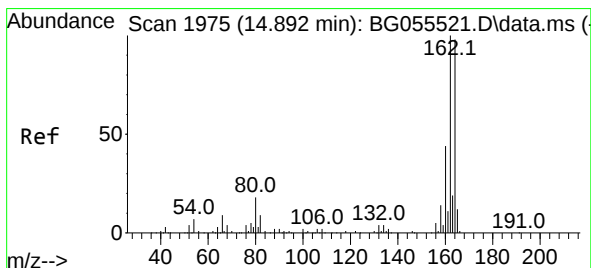
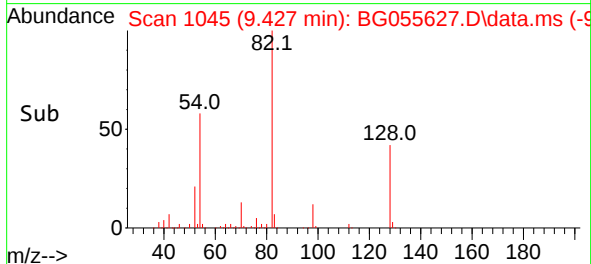
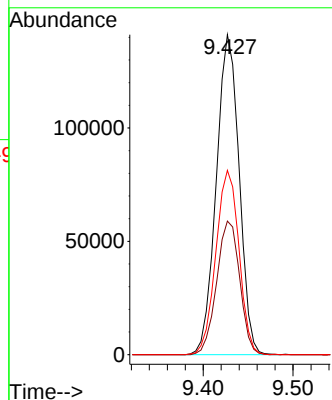
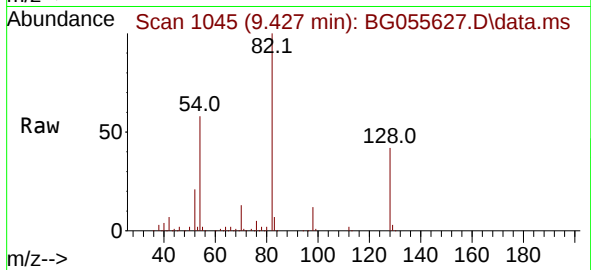




#23
Nitrobenzene-d5
Concen: 92.341 ng
RT: 9.427 min Scan# 1045
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

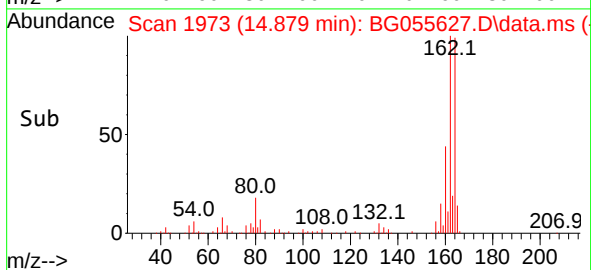
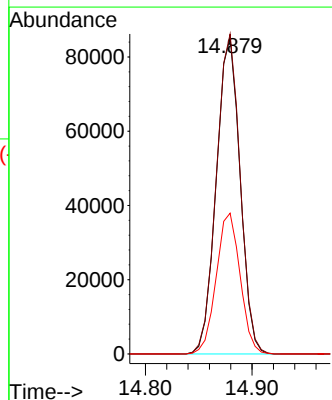
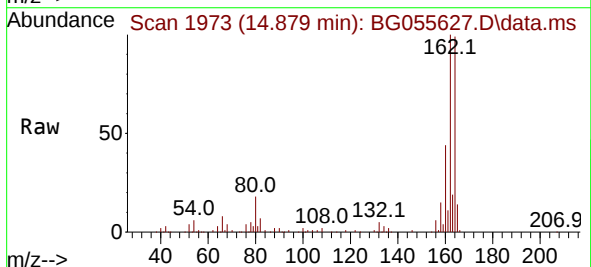
Instrument :
BNA_G
ClientSampleId :
360

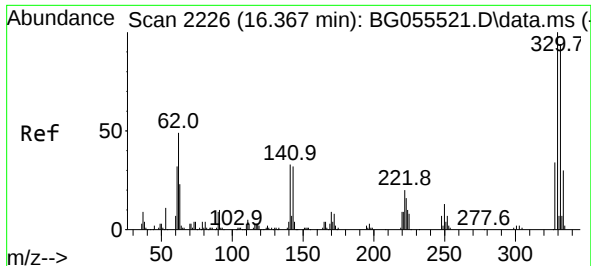
Tgt Ion: 82 Resp: 249539
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 57.6 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion:164 Resp: 131636
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.5 35.9 53.9

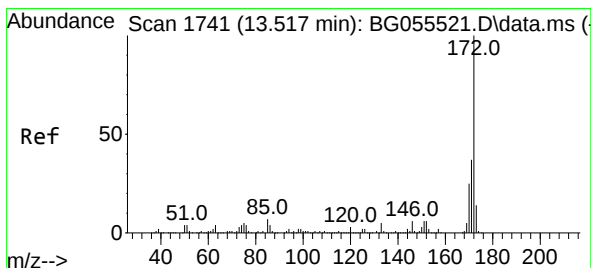
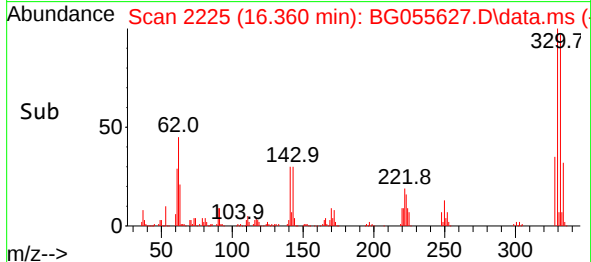
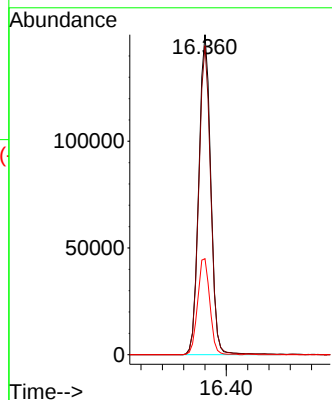
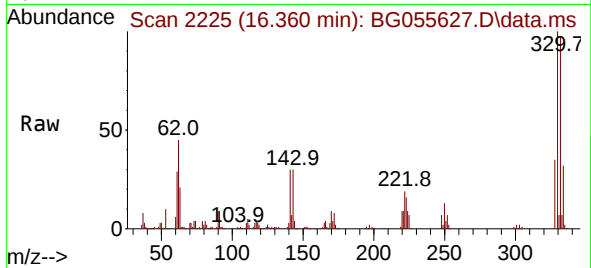




#42
2,4,6-Tribromophenol
Concen: 182.124 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

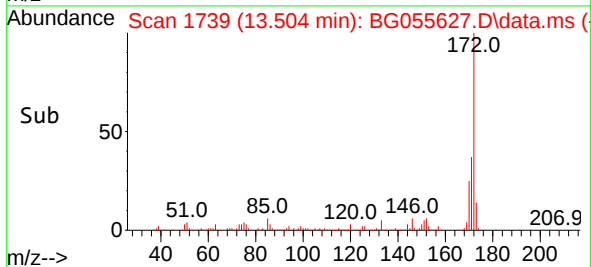
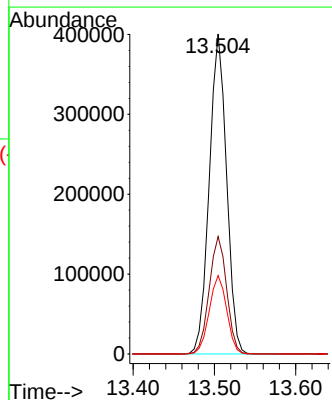
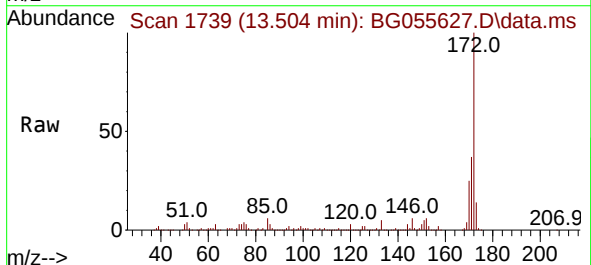
Instrument :
BNA_G
ClientSampleId :
360

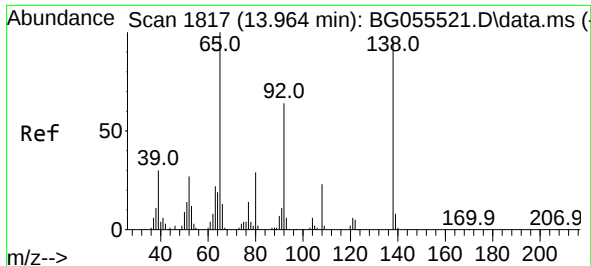
Tgt Ion:330 Resp: 233916
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 30.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 67.768 ng
RT: 13.504 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion:172 Resp: 591401
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.5 19.8 29.6

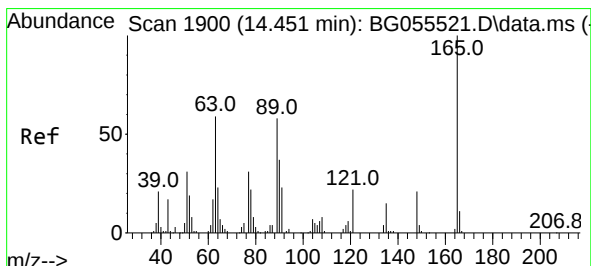
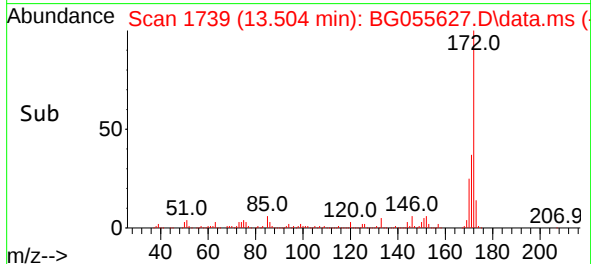
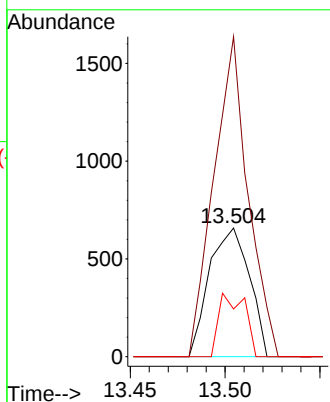
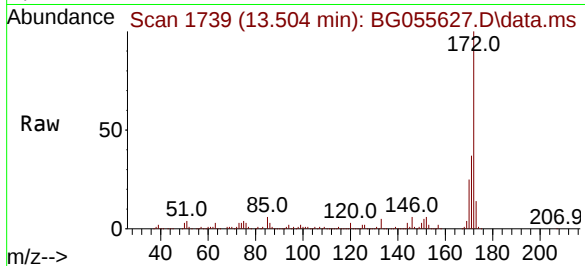




#48
2-Nitroaniline
Concen: 4.252 ng
RT: 13.504 min Scan# 1
Delta R.T. -0.455 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

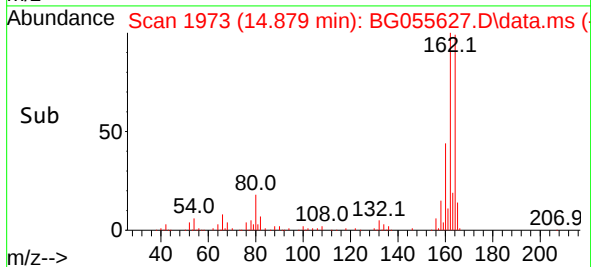
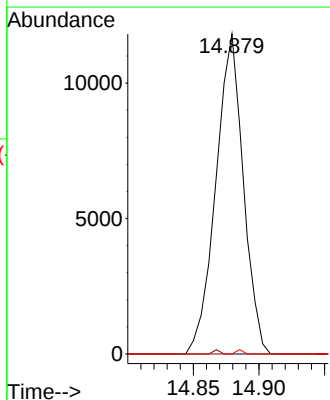
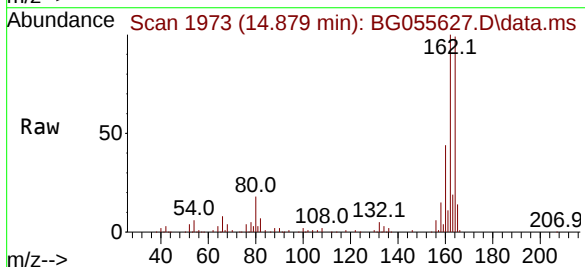
Instrument :
BNA_G
ClientSampleId :
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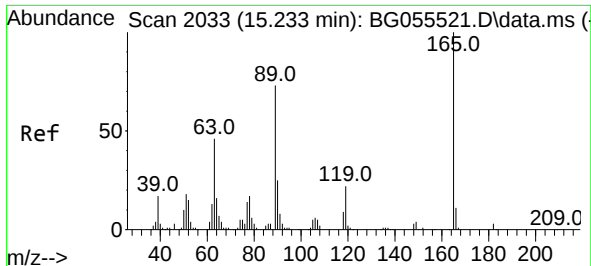
Tgt Ion: 65 Resp: 967
Ion Ratio Lower Upper
65 100
92 248.8 51.6 77.4#
138 37.1 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.279 ng
RT: 14.879 min Scan# 1973
Delta R.T. 0.432 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion:165 Resp: 17175
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.460 ng

RT: 14.879 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG055627.D

Acq: 15 Nov 2022 18:24

Instrument :

BNA_G

ClientSampleId :

360

Tgt Ion:165 Resp: 17175

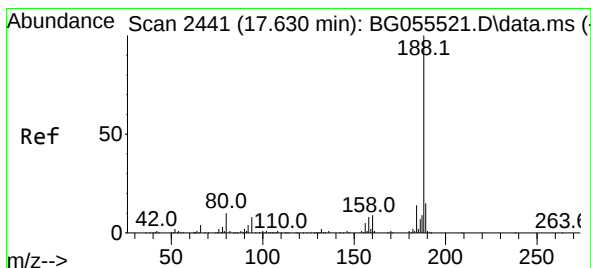
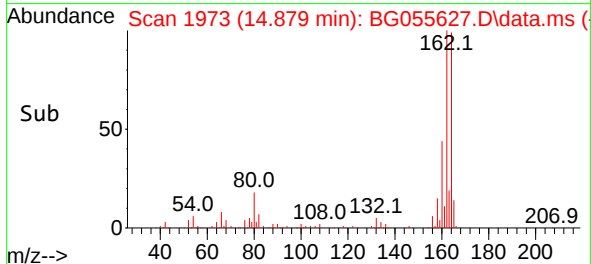
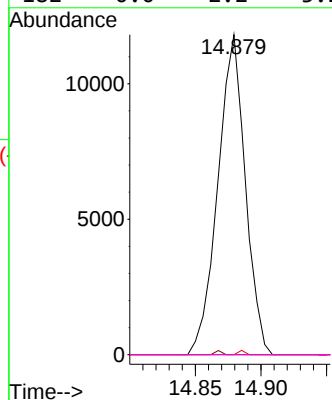
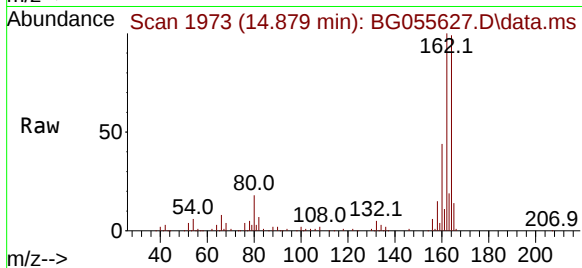
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 0.0 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.617 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG055627.D

Acq: 15 Nov 2022 18:24

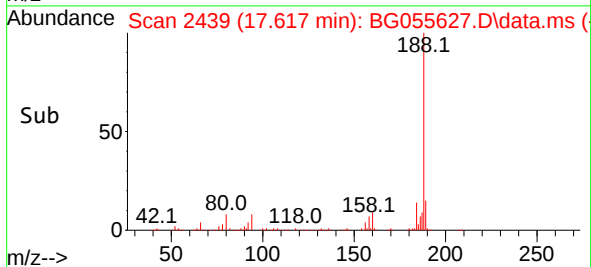
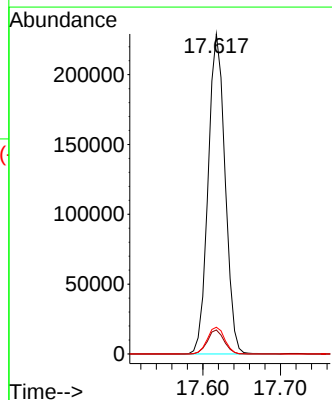
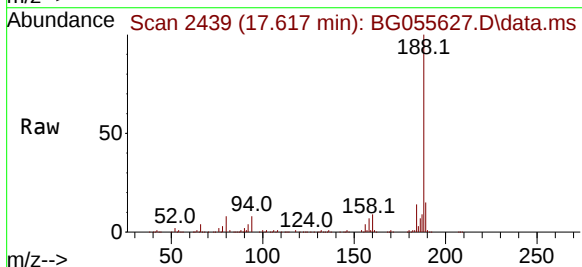
Tgt Ion:188 Resp: 347543

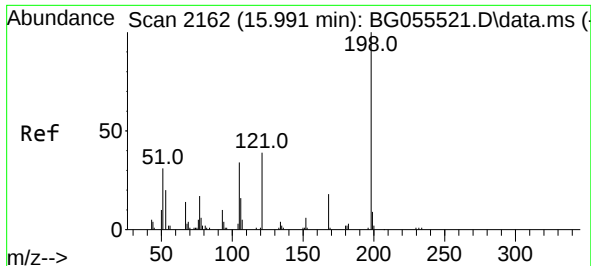
Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.3 7.6 11.4

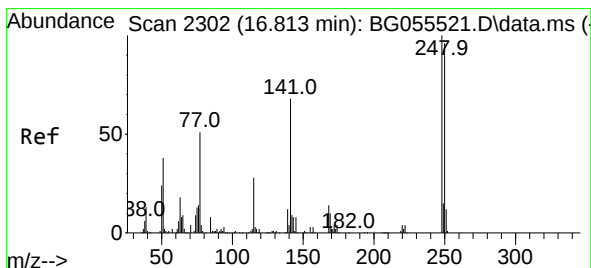
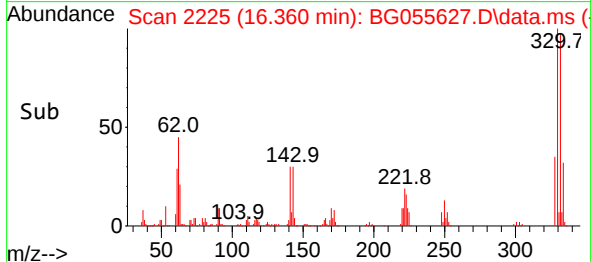
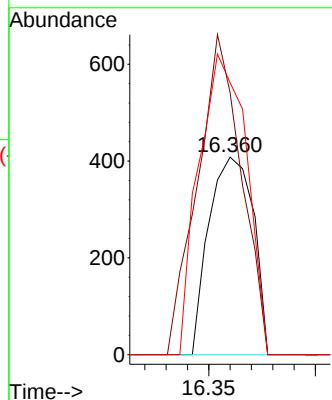
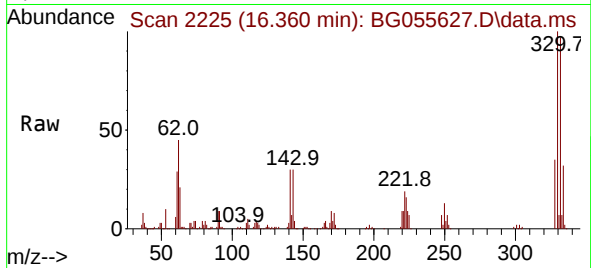




#65
4,6-Dinitro-2-methylphenol
Concen: 2.595 ng
RT: 16.360 min Scan# 2162
Delta R.T. 0.367 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

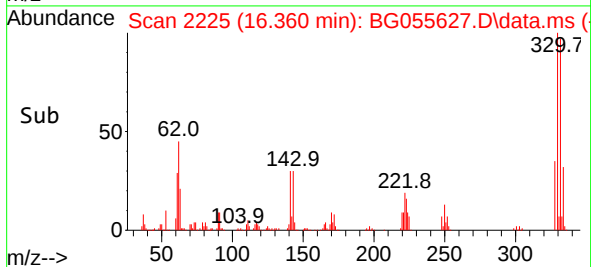
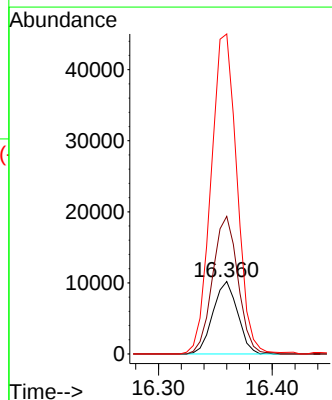
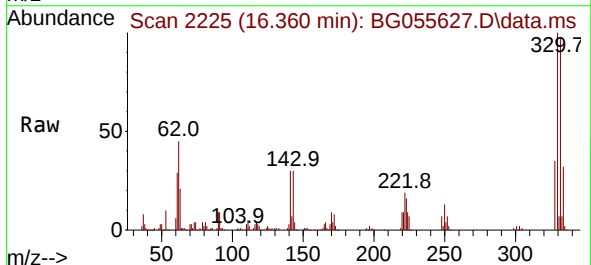
Instrument :
BNA_G
ClientSampleId :
360

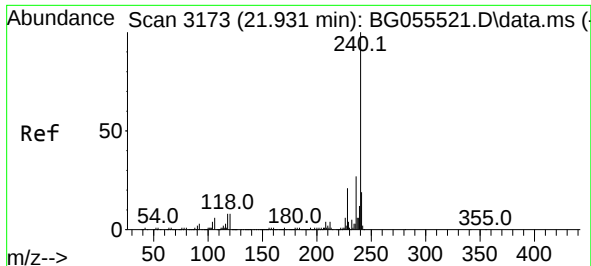
Tgt Ion:198 Resp: 589
Ion Ratio Lower Upper
198 100
51 24.3 24.7 64.7#
105 25.3 17.6 57.6



#67
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.444 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion:248 Resp: 15416
Ion Ratio Lower Upper
248 100
250 189.9 76.9 115.3#
141 441.7 54.3 81.5#

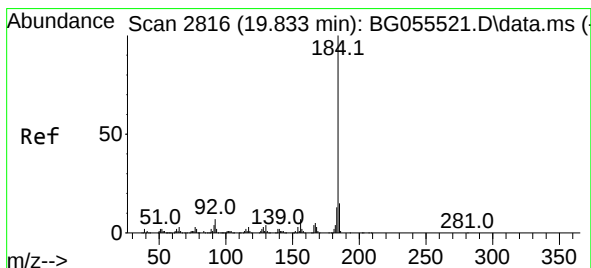
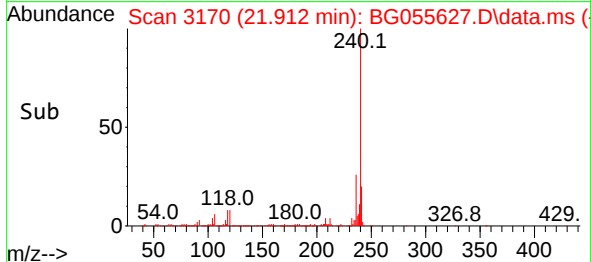
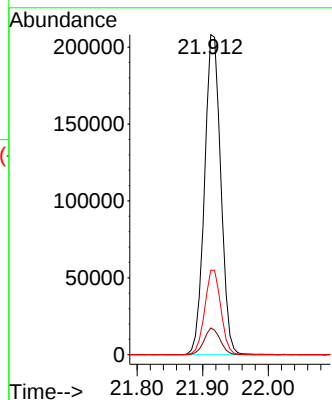
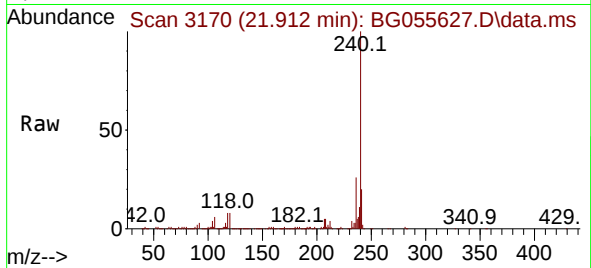




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

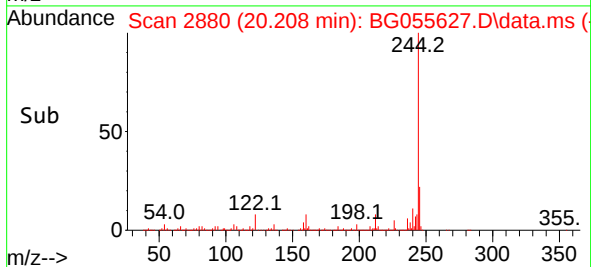
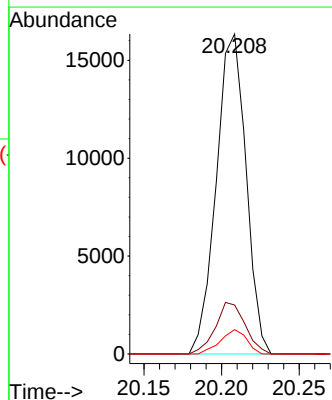
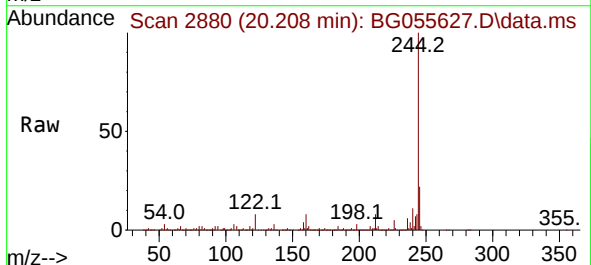
Instrument :
BNA_G
ClientSampleId :
360

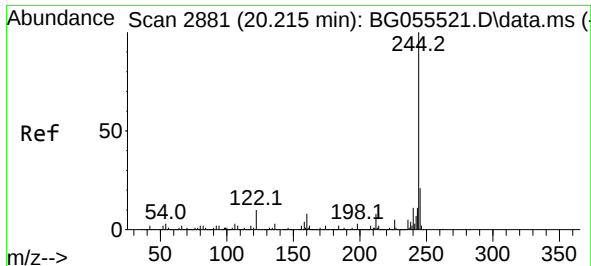
Tgt Ion:240 Resp: 358627
Ion Ratio Lower Upper
240 100
120 8.4 6.1 9.1
236 26.4 21.4 32.0



#77
Benzidine
Concen: 2.244 ng
RT: 20.208 min Scan# 2880
Delta R.T. 0.379 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Tgt Ion:184 Resp: 21768
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 7.6 10.2 15.2#

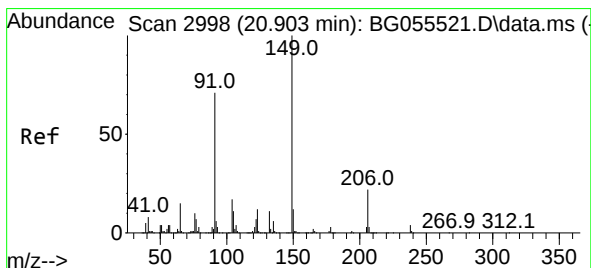
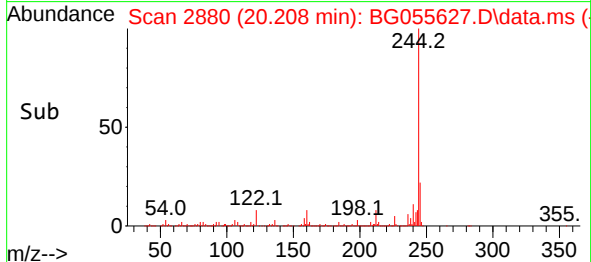
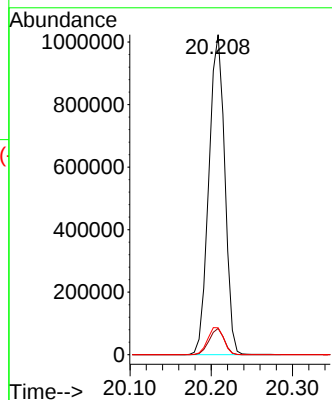
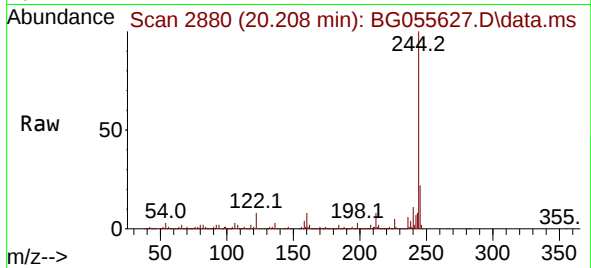




#79
 Terphenyl-d14
 Concen: 77.955 ng
 RT: 20.208 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055627.D
 Acq: 15 Nov 2022 18:24

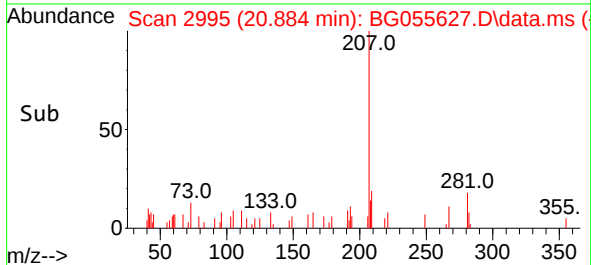
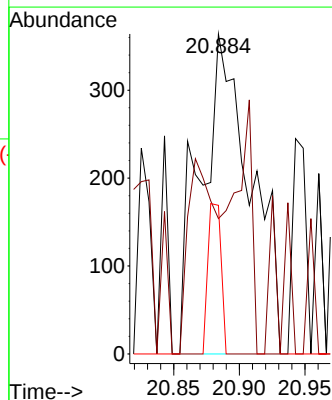
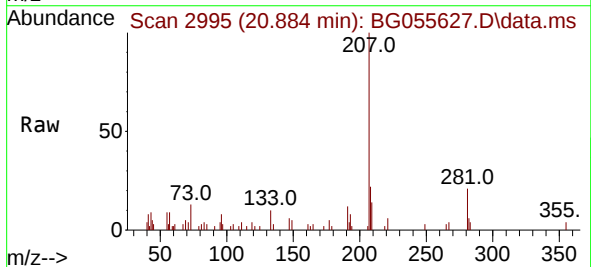
Instrument :
 BNA_G
 ClientSampleId :
 360

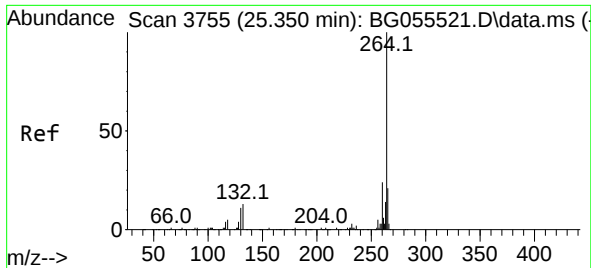
Tgt Ion:244 Resp: 1391876
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 8.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.462 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. -0.009 min
 Lab File: BG055627.D
 Acq: 15 Nov 2022 18:24

Tgt Ion:149 Resp: 971
 Ion Ratio Lower Upper
 149 100
 91 42.3 56.8 85.2#
 206 46.4 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055627.D
Acq: 15 Nov 2022 18:24

Instrument :
BNA_G
ClientSampleId :
360

Tgt Ion:264 Resp: 367137

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.1	25.7

