

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055434.D
 Acq On : 3 Nov 2022 12:21
 Operator : CG/JU
 Sample : PB148769BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148769BL

Quant Time: Nov 03 16:08:43 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)

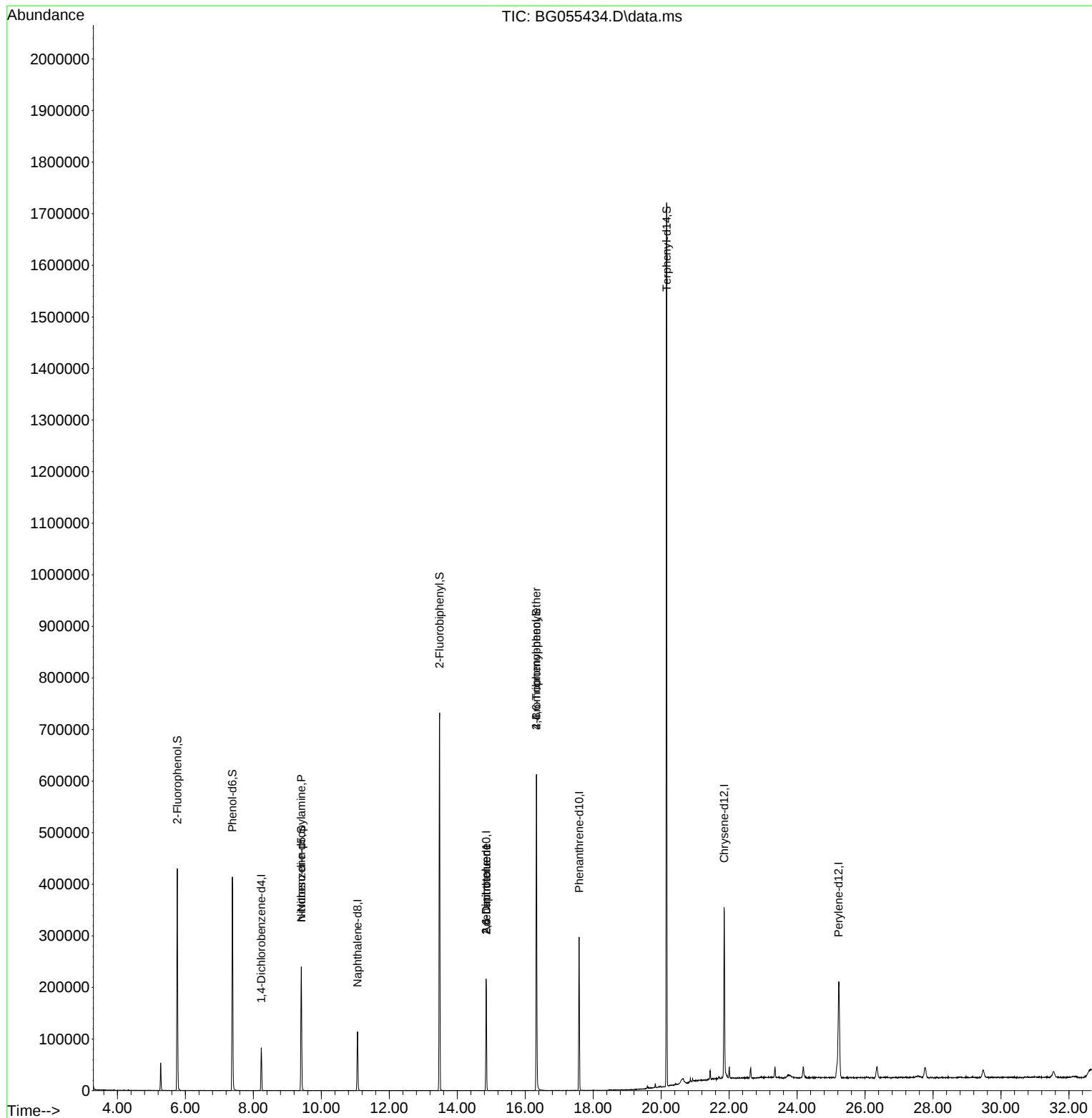
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	24815	20.000	ng	-0.01
21) Naphthalene-d8	11.067	136	106962	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	77187	20.000	ng	-0.01
64) Phenanthrene-d10	17.589	188	196603	20.000	ng	0.00
76) Chrysene-d12	21.854	240	209245	20.000	ng	-0.02
86) Perylene-d12	25.227	264	223755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	198226	143.455	ng	0.00
7) Phenol-d6	7.383	99	260007	135.688	ng	-0.01
23) Nitrobenzene-d5	9.410	82	151036	75.255	ng	-0.01
42) 2,4,6-Tribromophenol	16.331	330	138547	131.592	ng	-0.01
45) 2-Fluorobiphenyl	13.482	172	404157	77.633	ng	0.00
79) Terphenyl-d14	20.162	244	853165	79.286	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.410	70	19786	13.214	ng	# 80
51) 2,6-Dinitrotoluene	14.851	165	10211	7.570	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	10211	5.294	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	8585	3.694	ng	# 1

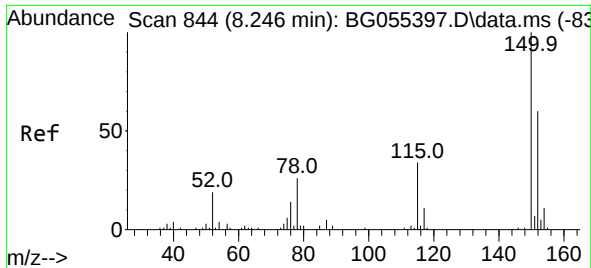
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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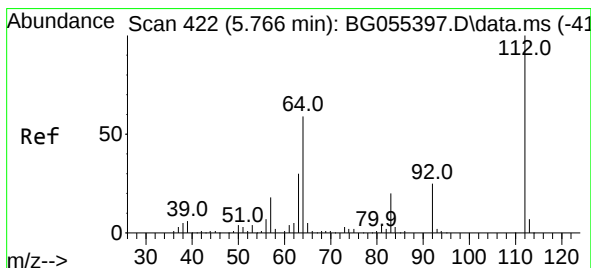
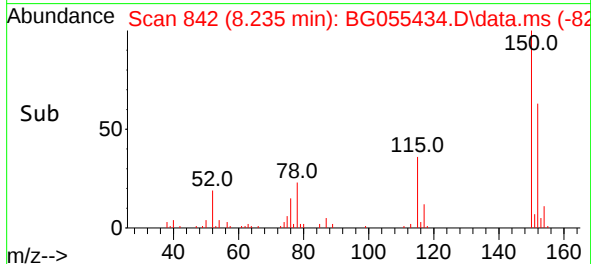
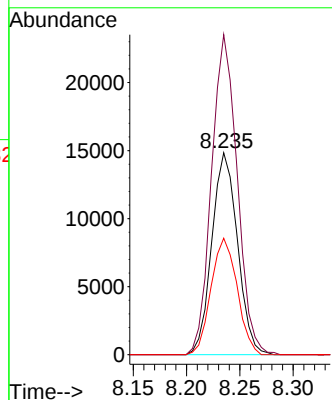
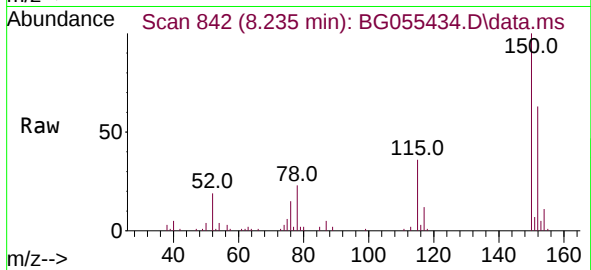




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

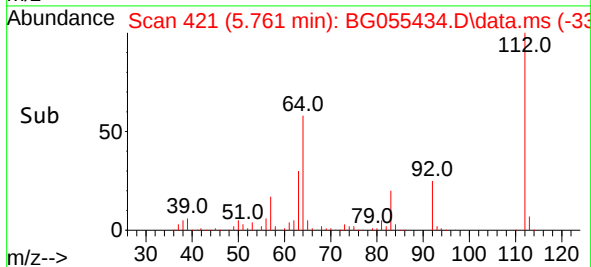
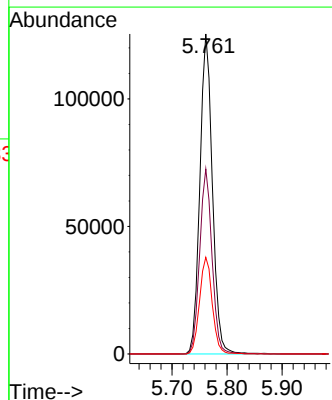
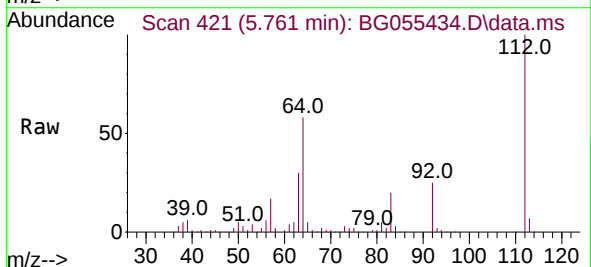
Instrument :
BNA_G
ClientSampleId :
PB148769BL

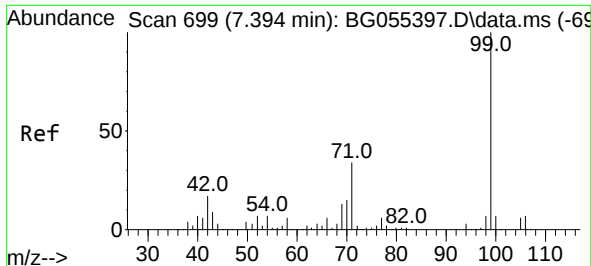
Tgt Ion:152 Resp: 24815
Ion Ratio Lower Upper
152 100
150 158.5 132.8 199.2
115 57.7 45.1 67.7



#5
2-Fluorophenol
Concen: 143.455 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:112 Resp: 198226
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 30.2 24.3 36.5

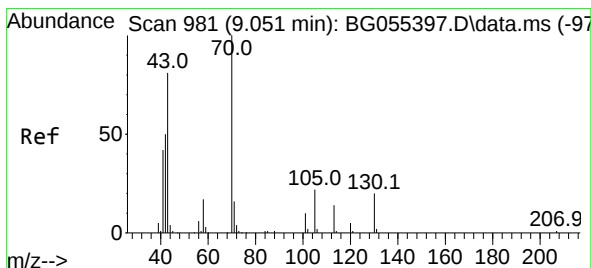
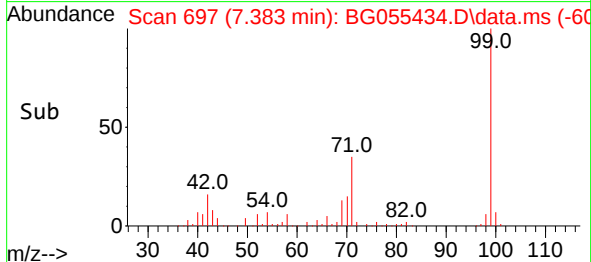
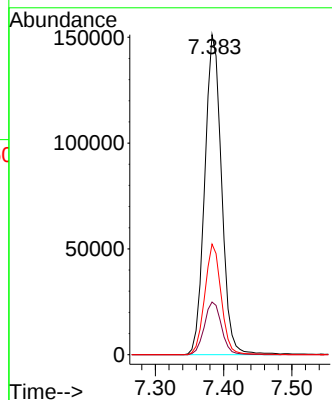
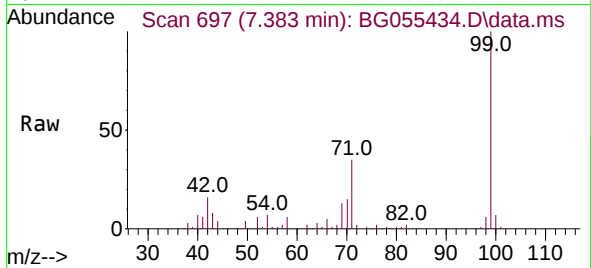




#7
Phenol-d6
Concen: 135.688 ng
RT: 7.383 min Scan# 69
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

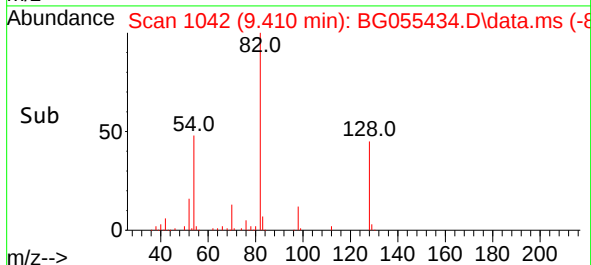
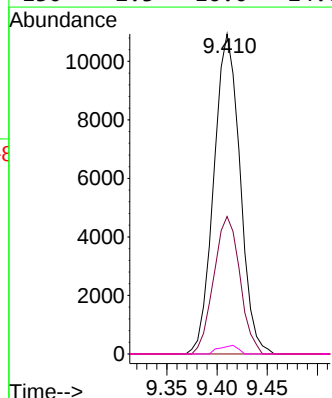
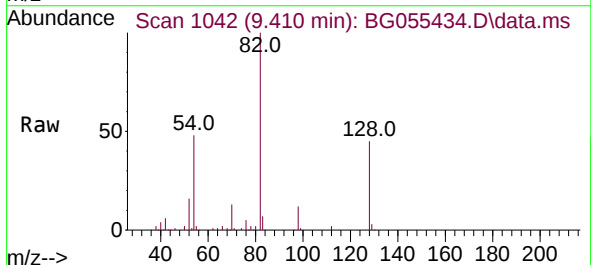
Instrument :
BNA_G
ClientSampleId :
PB148769BL

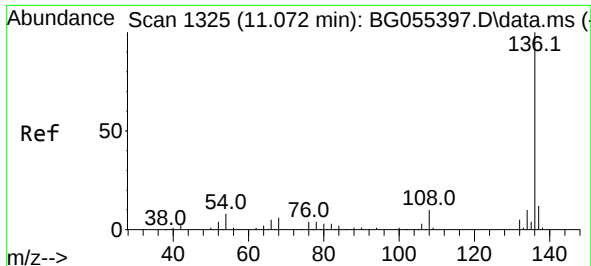
Tgt Ion: 99 Resp: 260007
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.5 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.214 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.359 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion: 70 Resp: 19786
Ion Ratio Lower Upper
70 100
42 42.9 40.6 61.0
101 0.0 7.8 11.6#
130 2.3 16.0 24.0#

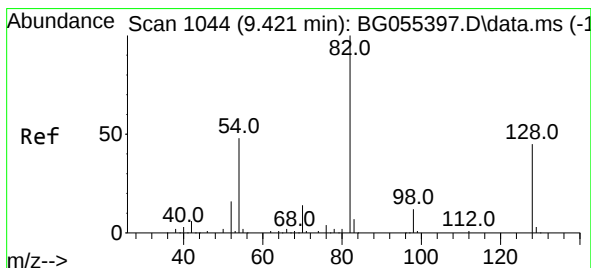
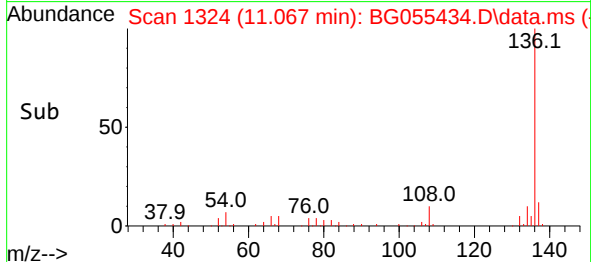
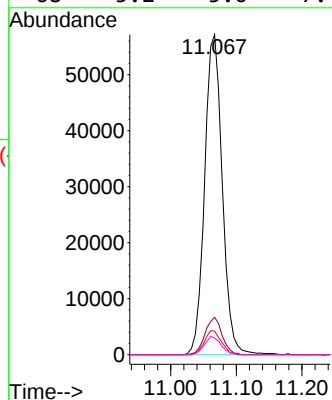
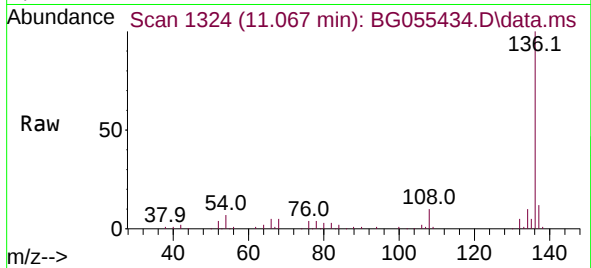




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

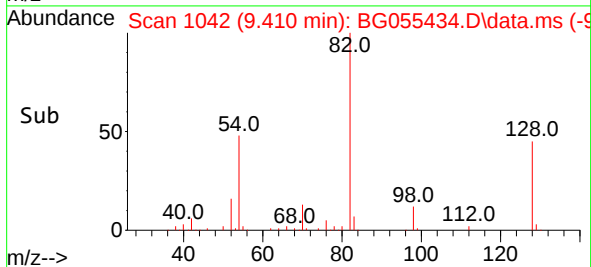
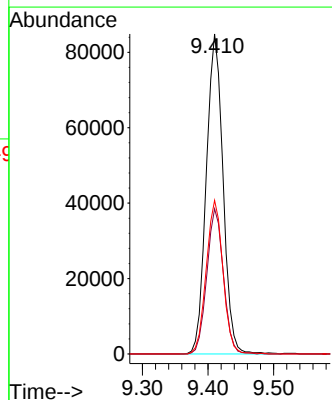
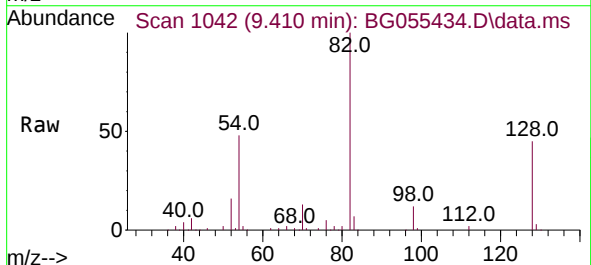
Instrument :
BNA_G
ClientSampleId :
PB148769BL

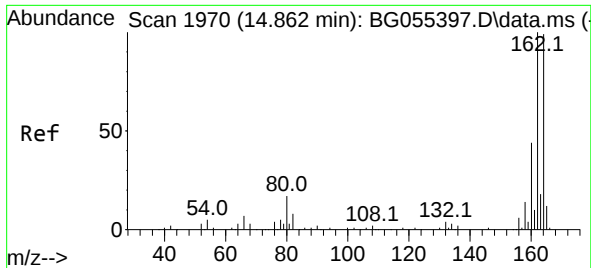
Tgt Ion:	136	Resp:	106962
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.2
54	7.3	6.1	9.1
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.255 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:	82	Resp:	151036
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.8	53.8
54	48.0	38.1	57.1

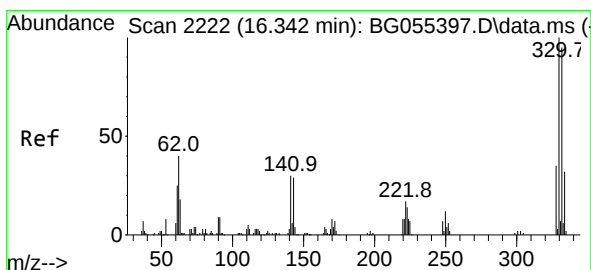
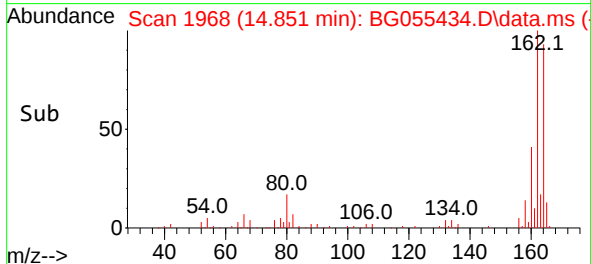
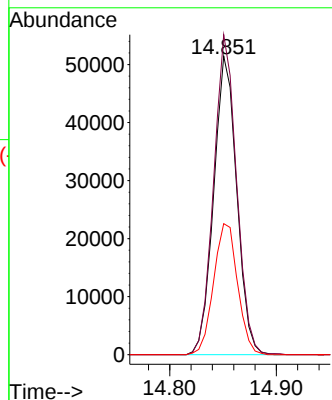
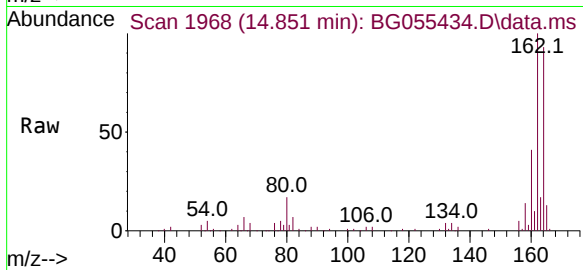




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

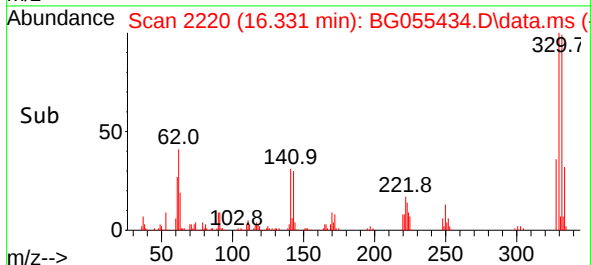
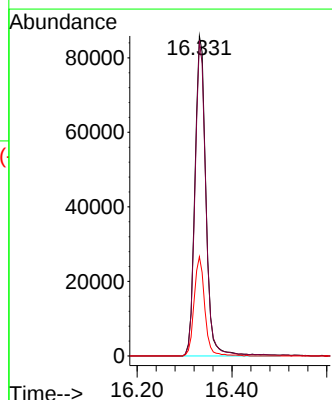
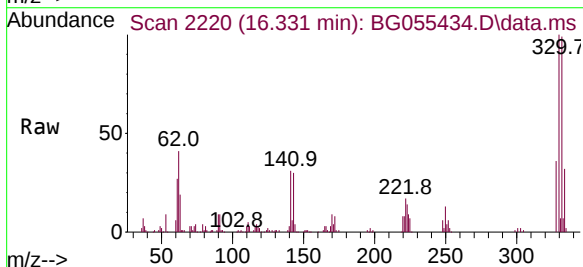
Instrument :
BNA_G
ClientSampleId :
PB148769BL

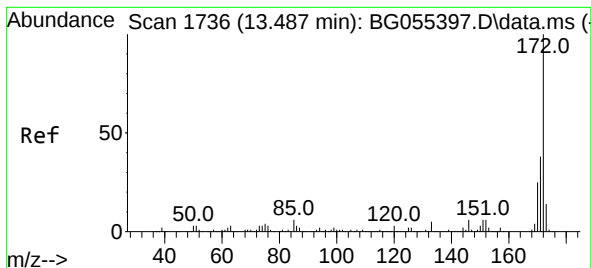
Tgt Ion:164 Resp: 77187
Ion Ratio Lower Upper
164 100
162 107.2 81.1 121.7
160 43.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 131.592 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:330 Resp: 138547
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 30.0 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 77.633 ng

RT: 13.482 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148769BL

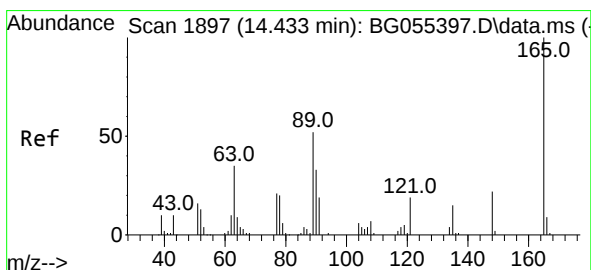
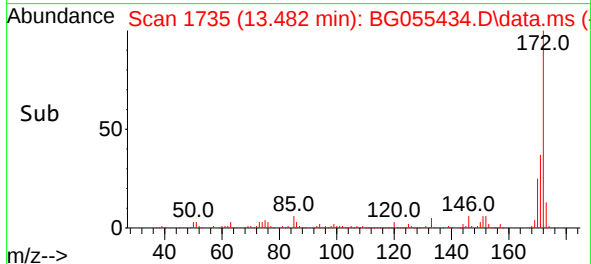
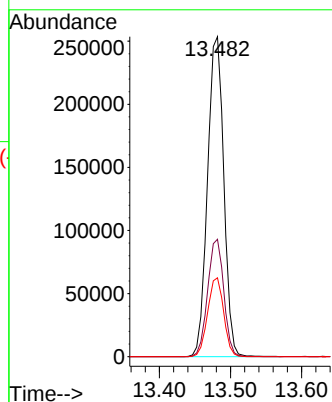
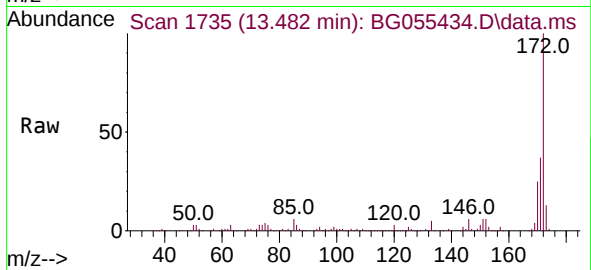
Tgt Ion:172 Resp: 404157

Ion Ratio Lower Upper

172 100

171 36.7 30.2 45.2

170 24.6 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.570 ng

RT: 14.851 min Scan# 1968

Delta R.T. 0.418 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

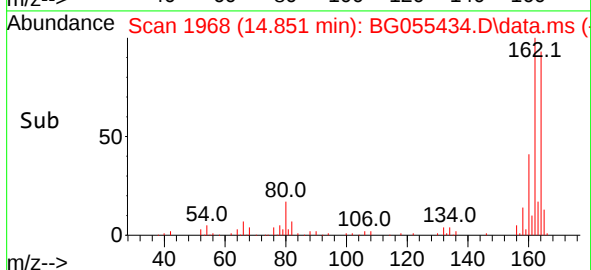
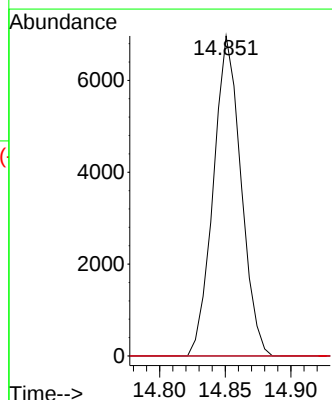
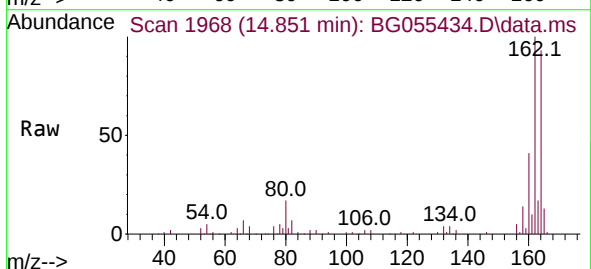
Tgt Ion:165 Resp: 10211

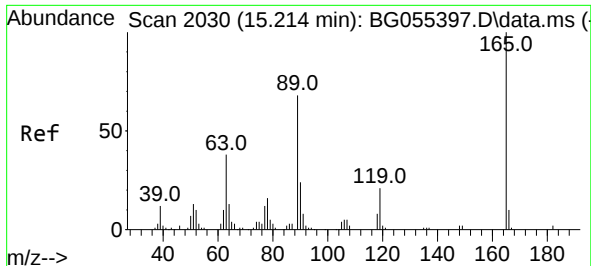
Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.294 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.364 min

Lab File: BG055434.D

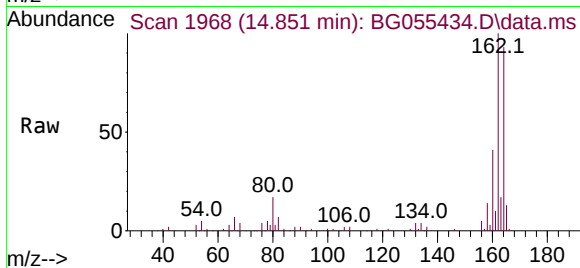
Acq: 3 Nov 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148769BL



Tgt Ion:165 Resp: 10211

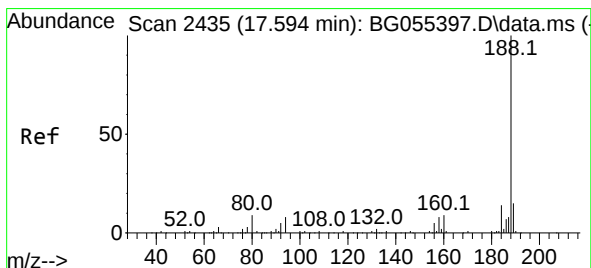
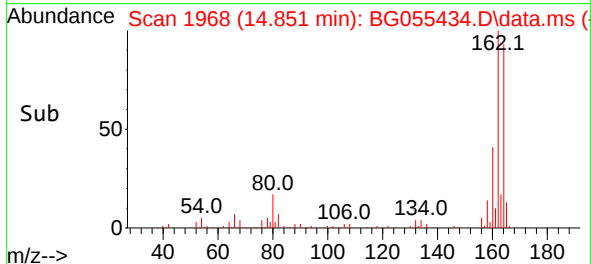
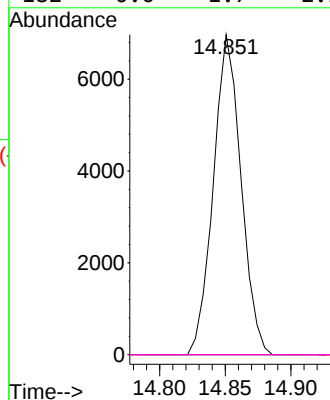
Ion Ratio Lower Upper

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: 17.589 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

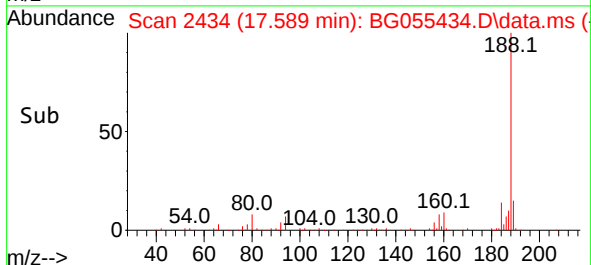
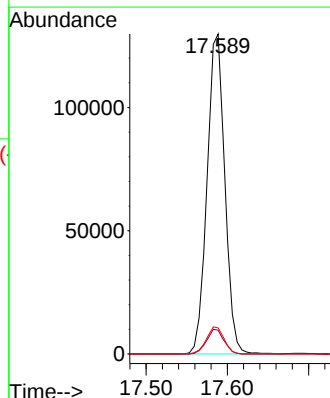
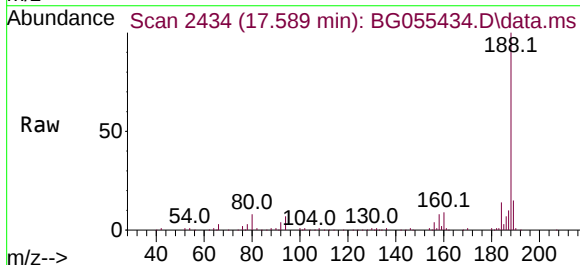
Tgt Ion:188 Resp: 196603

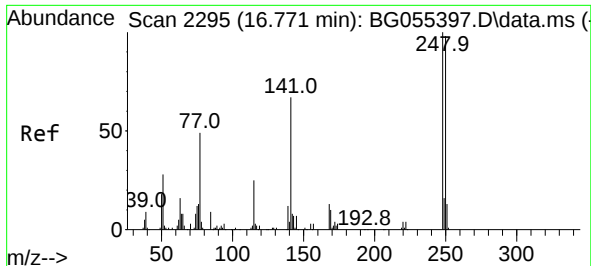
Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.1 7.4 11.0

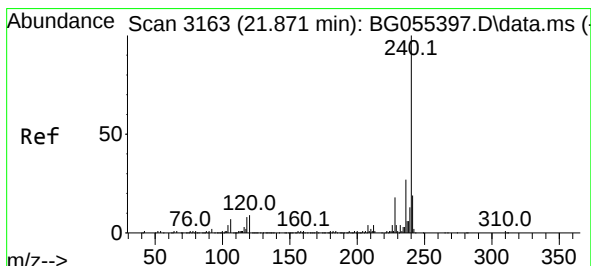
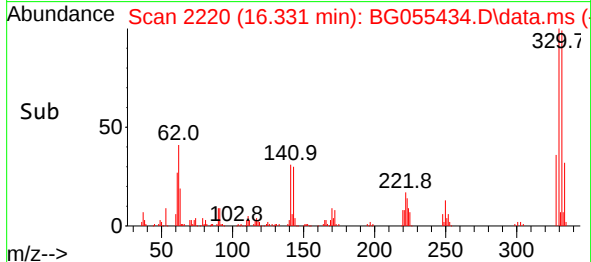
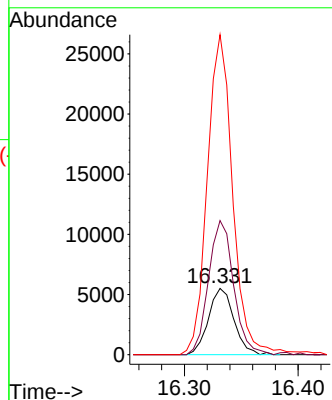
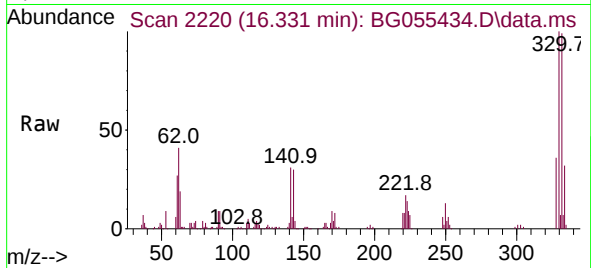




#67
4-Bromophenyl-phenylether
Concen: 3.694 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

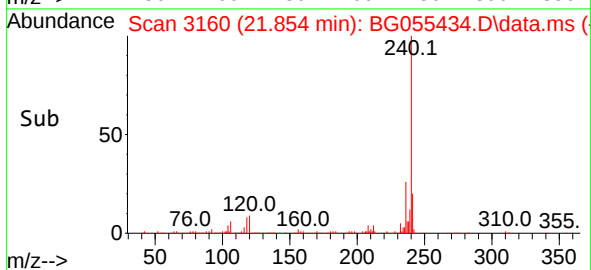
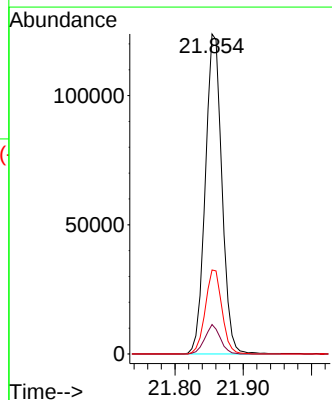
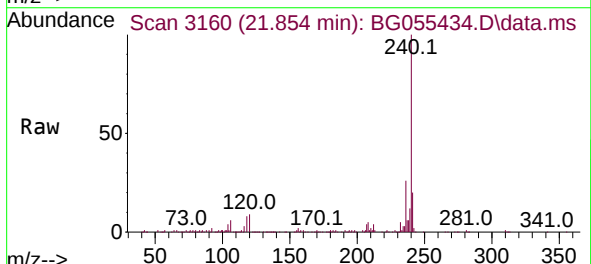
Instrument :
BNA_G
ClientSampleId :
PB148769BL

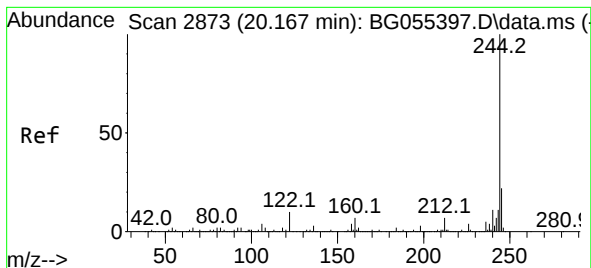
Tgt Ion:248 Resp: 8585
Ion Ratio Lower Upper
248 100
250 202.3 78.3 117.5#
141 482.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.017 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:240 Resp: 209245
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.3 21.5 32.3





#79

Terphenyl-d14

Concen: 79.286 ng

RT: 20.162 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148769BL

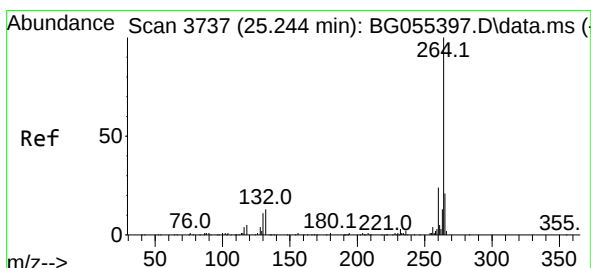
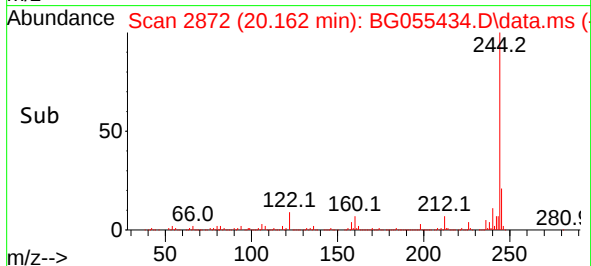
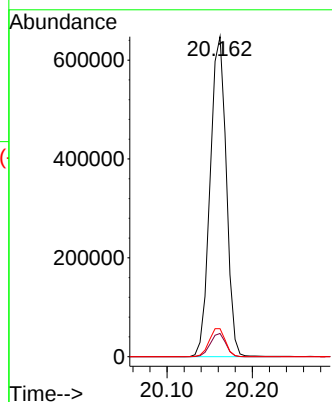
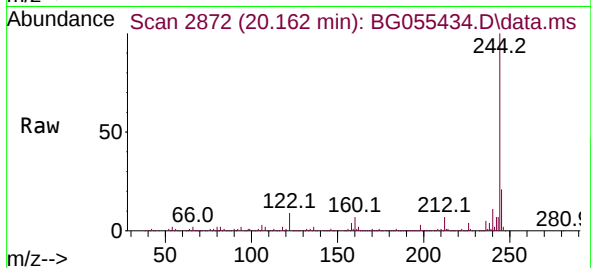
Tgt Ion:244 Resp: 853165

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.227 min Scan# 3734

Delta R.T. -0.017 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

Tgt Ion:264 Resp: 223755

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.9 17.1 25.7

