

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060394.D
 Acq On : 22 Jan 2024 21:09
 Operator : MA/JU
 Sample : P1200-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 00:40:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

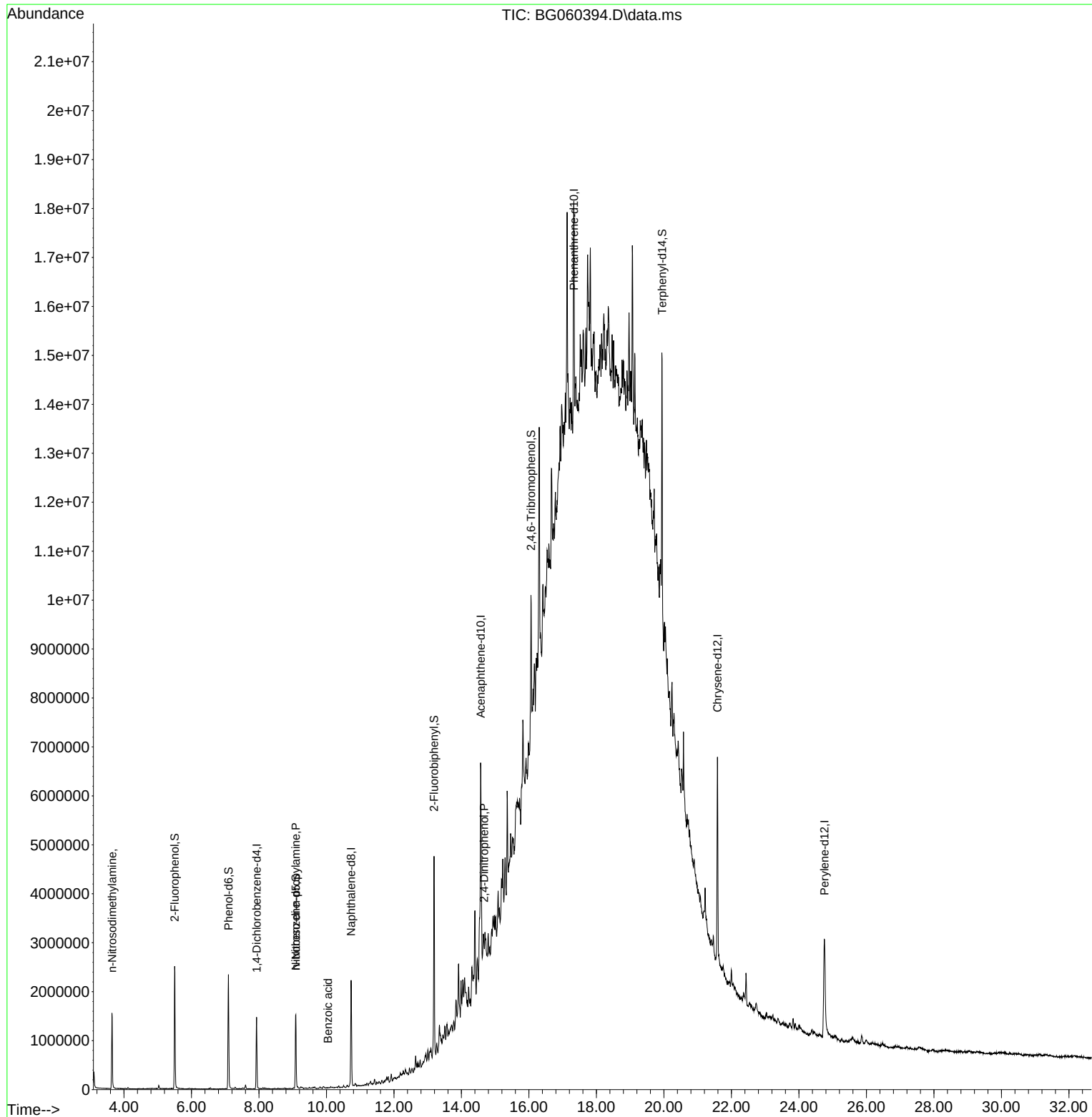
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	456251	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1925093	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1312320	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	2518238	20.000	ng	# 0.02
76) Chrysene-d12	21.584	240	2512415	20.000	ng	0.00
86) Perylene-d12	24.757	264	3028455	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1253623	45.193	ng	0.00
7) Phenol-d6	7.095	99	1600998	38.977	ng	0.00
23) Nitrobenzene-d5	9.093	82	1061411	26.035	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	691530	35.816	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2255941	23.900	ng	0.00
79) Terphenyl-d14	19.945	244	2789820	19.223	ng	0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.652	42	46900	4.192	ng	# 1
19) n-Nitroso-di-n-propyla...	9.093	70	128876	4.533	ng	# 82
32) Benzoic acid	10.044	122	204	10.210	ng	# 85
54) 2,4-Dinitrophenol	14.674	184	333	8.610	ng	# 1

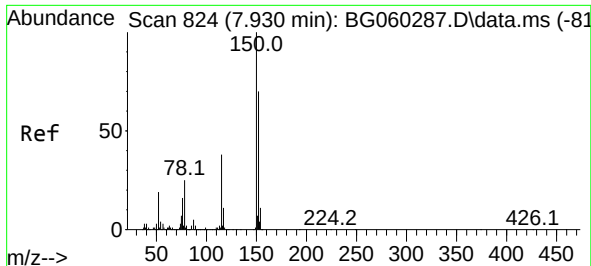
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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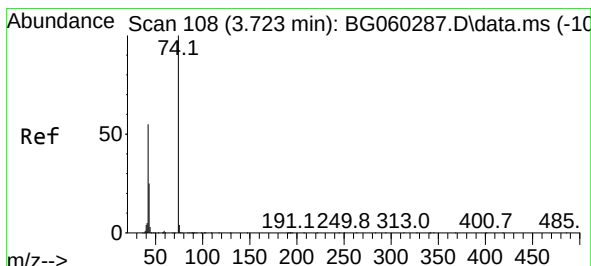
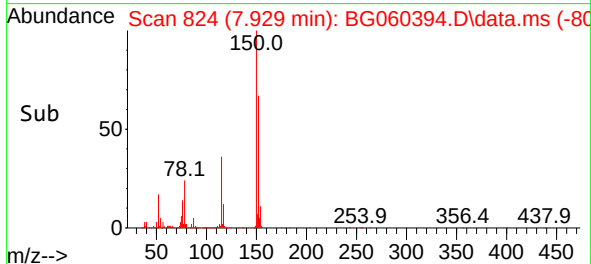
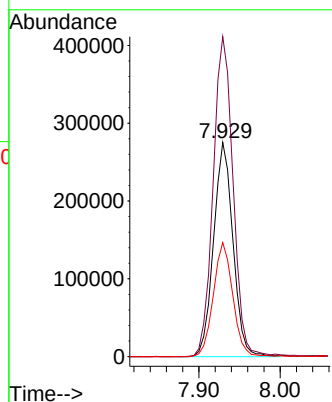
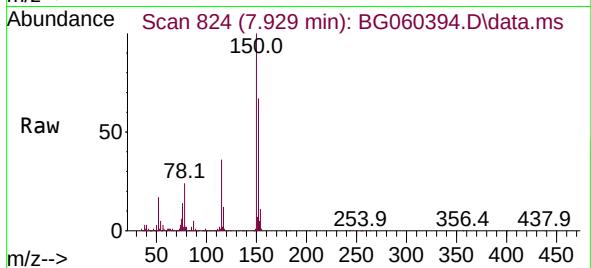




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

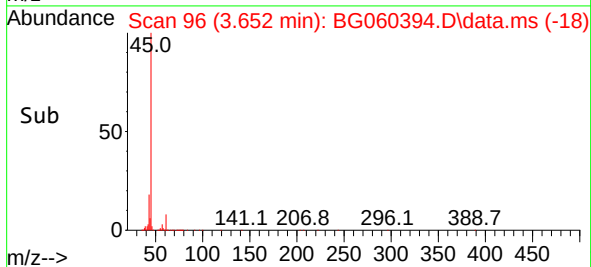
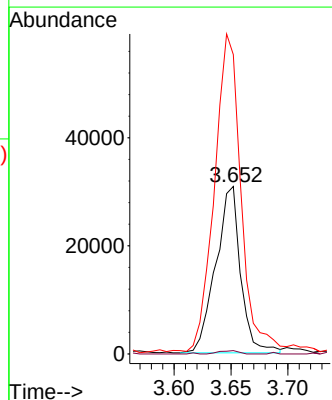
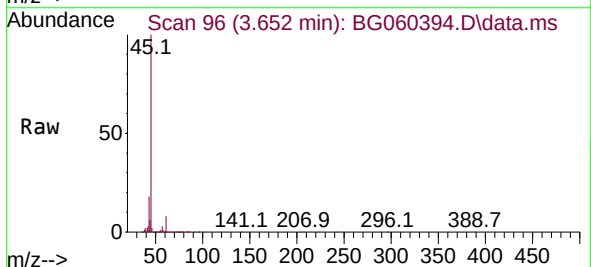
Instrument :
BNA_G
ClientSampleId :

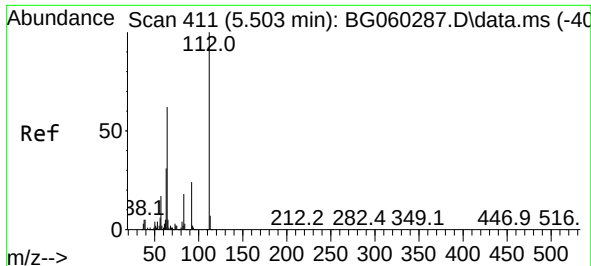
Tgt Ion:152 Resp: 456251
Ion Ratio Lower Upper
152 100
150 149.4 114.5 171.7
115 53.2 43.0 64.6



#4
n-Nitrosodimethylamine
Concen: 4.192 ng
RT: 3.652 min Scan# 96
Delta R.T. -0.071 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

Tgt Ion: 42 Resp: 46900
Ion Ratio Lower Upper
42 100
74 1.9 145.1 217.7#
44 178.8 5.2 7.8#

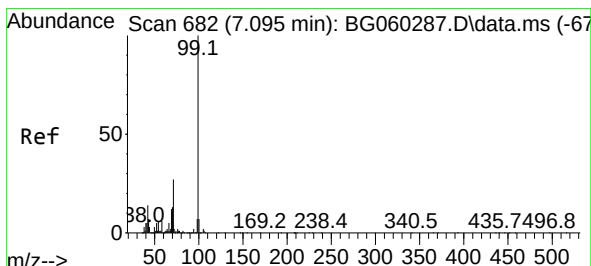
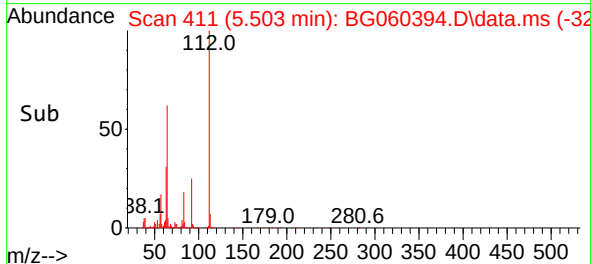
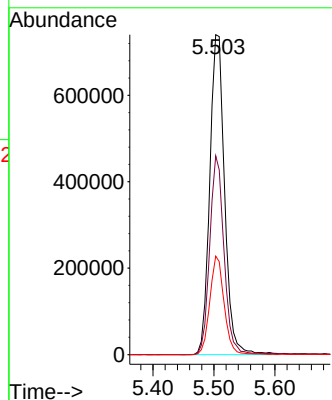
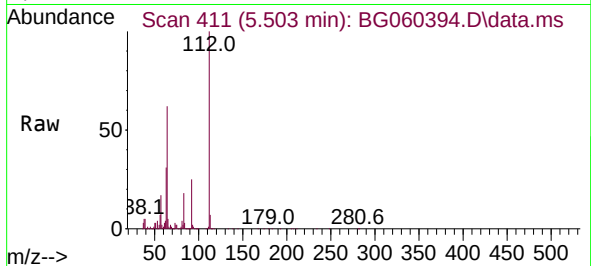




#5
2-Fluorophenol
Concen: 45.193 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

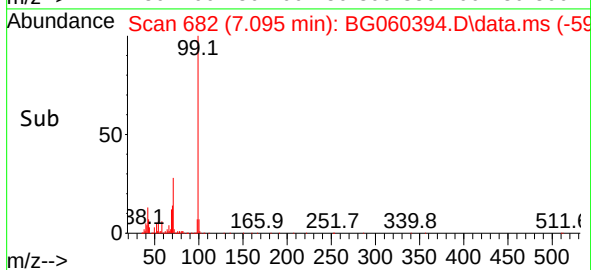
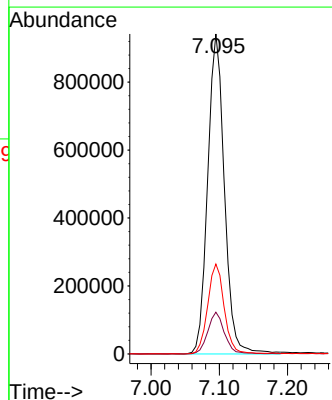
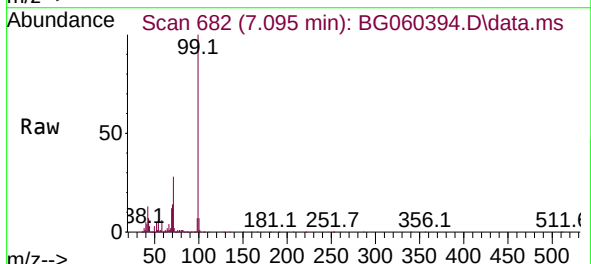
Instrument :
BNA_G
ClientSampleId :

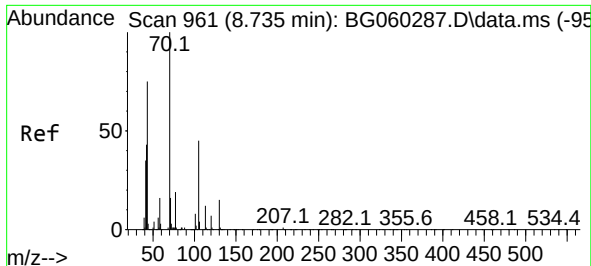
Tgt Ion:112 Resp: 1253623
Ion Ratio Lower Upper
112 100
64 62.1 49.8 74.6
63 30.8 24.4 36.6



#7
Phenol-d6
Concen: 38.977 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

Tgt Ion: 99 Resp: 1600998
Ion Ratio Lower Upper
99 100
42 13.0 10.9 16.3
71 28.1 21.5 32.3

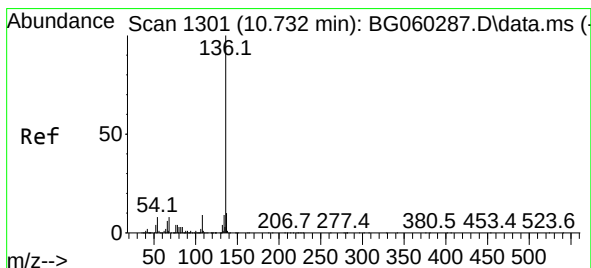
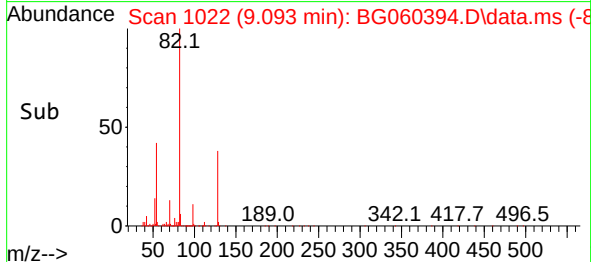
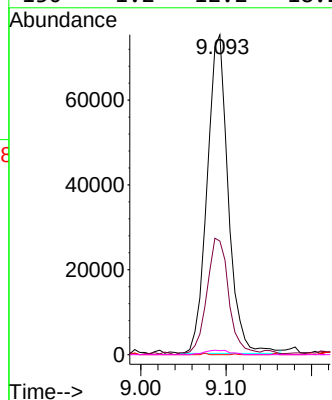
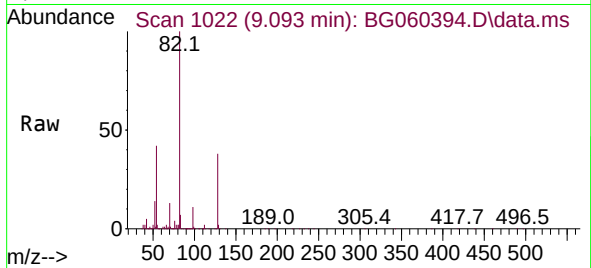




#19
n-Nitroso-di-n-propylamine
Concen: 4.533 ng
RT: 9.093 min Scan# 10
Delta R.T. 0.358 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

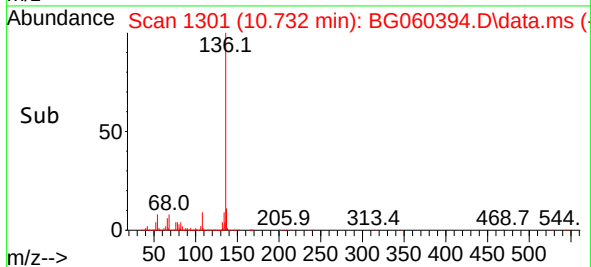
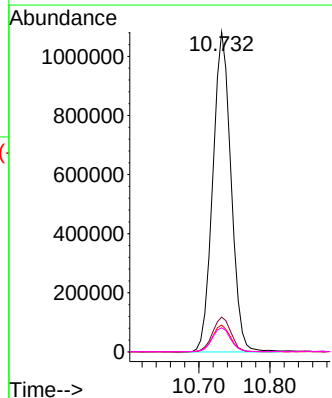
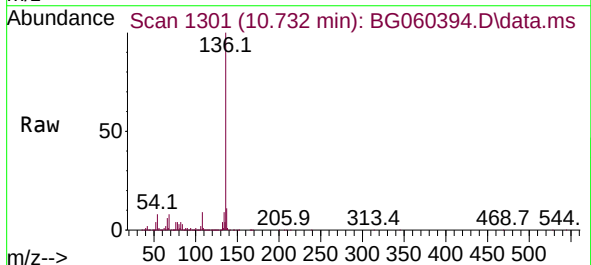
Instrument :
BNA_G
ClientSampleId :

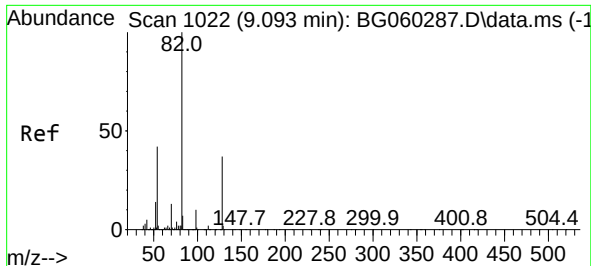
Tgt Ion: 70 Resp: 128876
Ion Ratio Lower Upper
70 100
42 35.5 34.3 51.5
101 0.0 6.2 9.2#
130 1.2 12.2 18.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

Tgt Ion:136 Resp: 1925093
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.4 6.2 9.2
68 7.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 26.035 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BG060394.D

Acq: 22 Jan 2024 21:09

Instrument :

BNA_G

ClientSampleId :

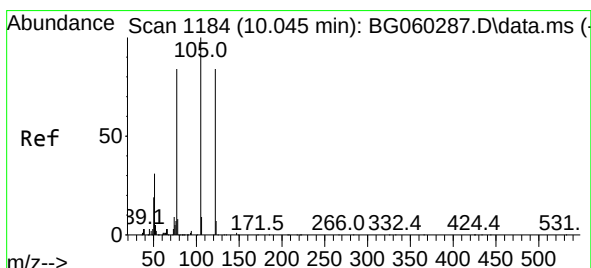
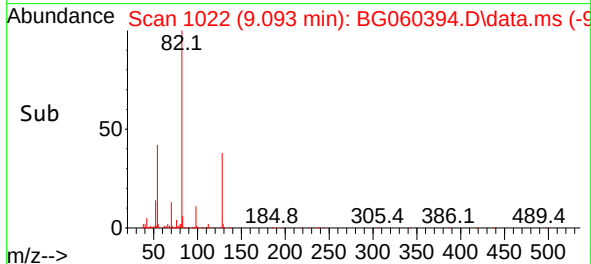
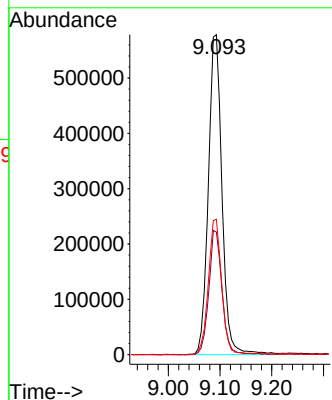
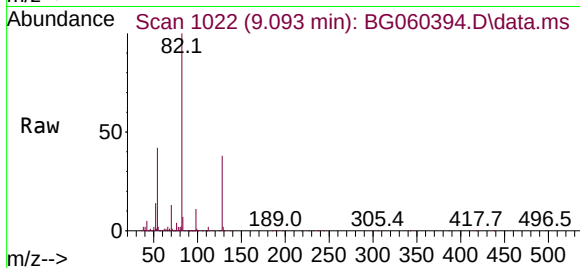
Tgt Ion: 82 Resp: 1061411

Ion Ratio Lower Upper

82 100

128 38.3 29.6 44.4

54 42.3 33.6 50.4



#32

Benzoic acid

Concen: 10.210 ng

RT: 10.044 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG060394.D

Acq: 22 Jan 2024 21:09

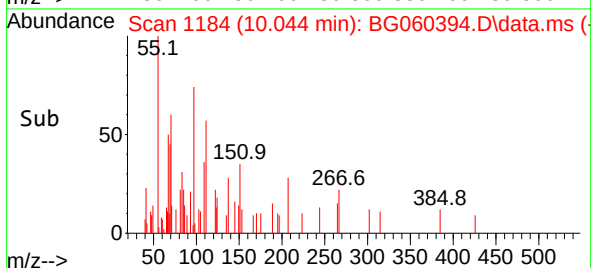
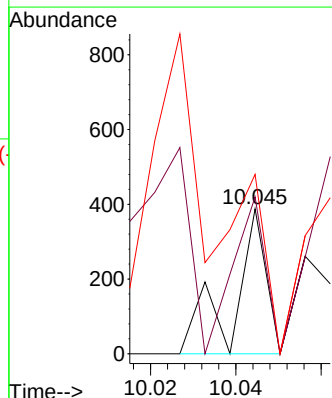
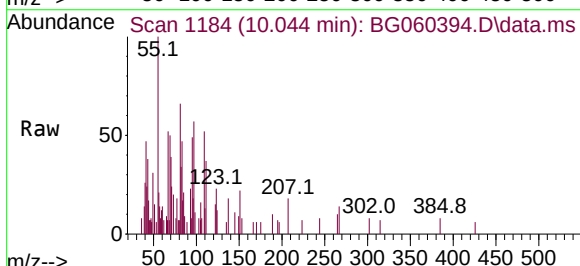
Tgt Ion:122 Resp: 204

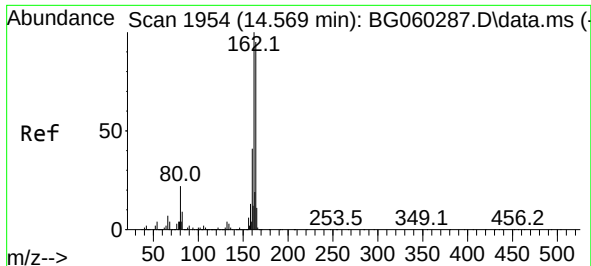
Ion Ratio Lower Upper

122 100

105 108.2 96.0 136.0

77 123.7 80.1 120.1#

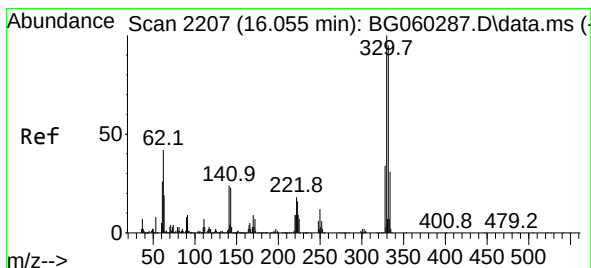
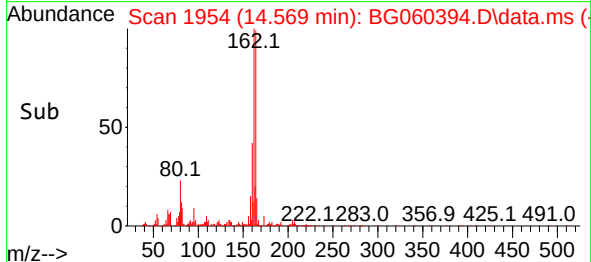
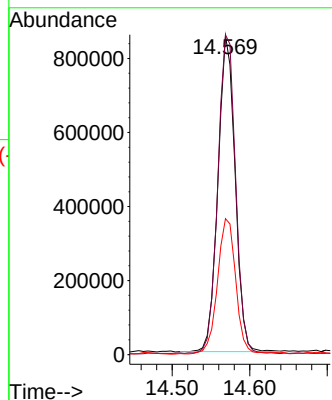
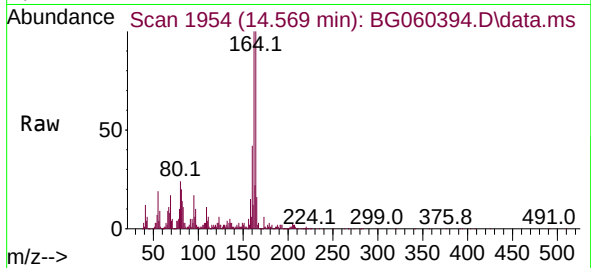




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

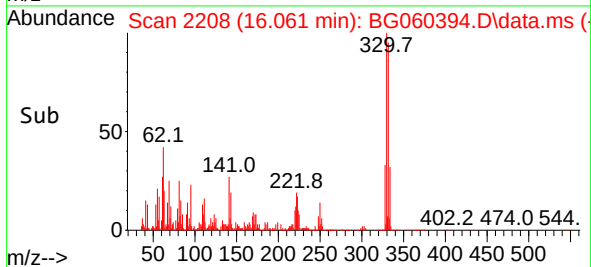
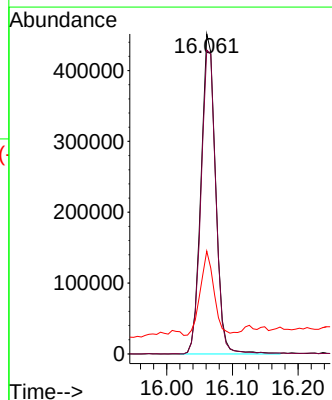
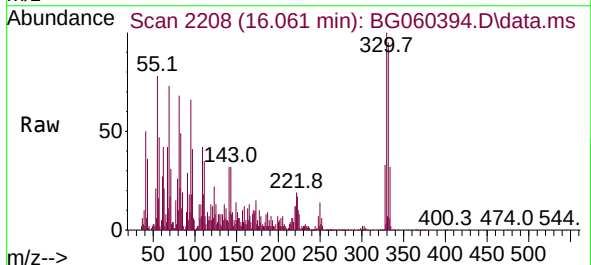
Instrument :
BNA_G
ClientSampleId :

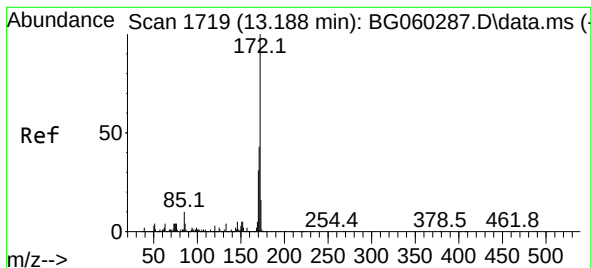
Tgt Ion:164 Resp: 1312320
Ion Ratio Lower Upper
164 100
162 100.3 84.4 126.6
160 42.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 35.816 ng
RT: 16.061 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

Tgt Ion:330 Resp: 691530
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.7 18.6 28.0





#45

2-Fluorobiphenyl

Concen: 23.900 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BG060394.D

Acq: 22 Jan 2024 21:09

Instrument :

BNA_G

ClientSampleId :

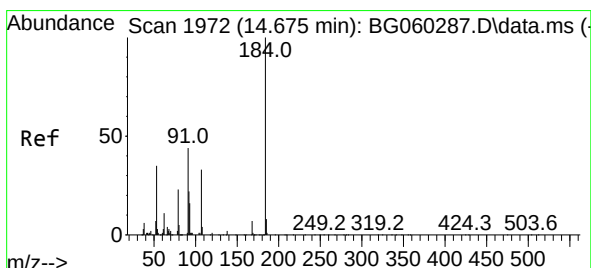
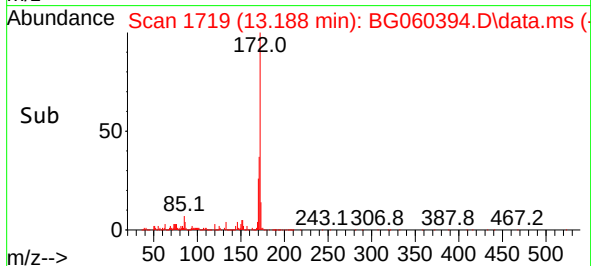
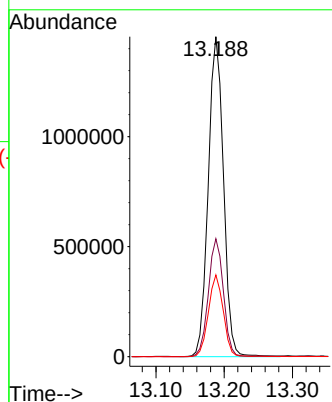
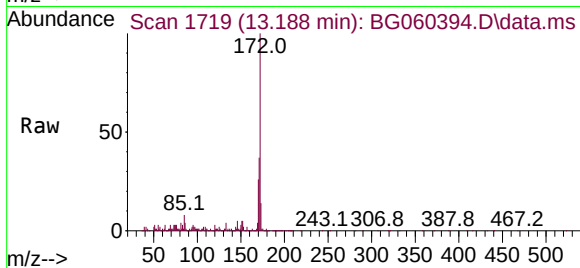
Tgt Ion:172 Resp: 2255941

Ion Ratio Lower Upper

172 100

171 36.8 34.6 51.8

170 25.5 24.4 36.6



#54

2,4-Dinitrophenol

Concen: 8.610 ng

RT: 14.674 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG060394.D

Acq: 22 Jan 2024 21:09

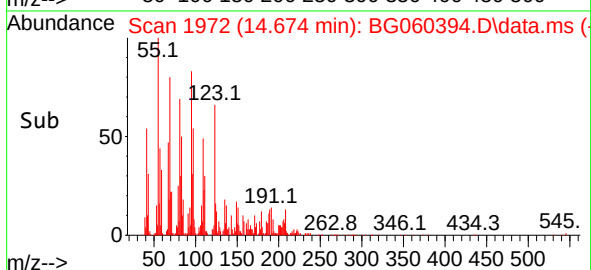
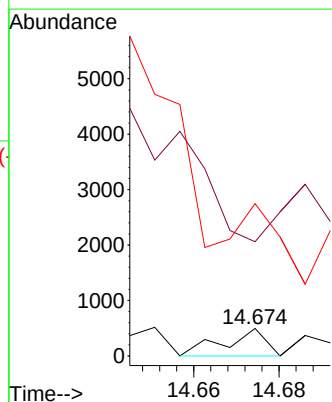
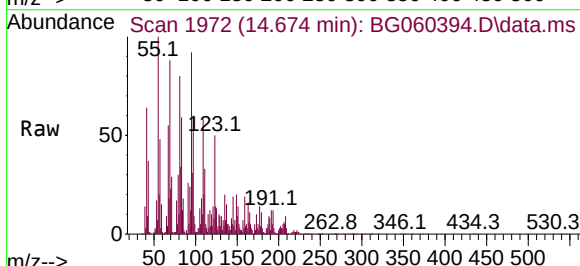
Tgt Ion:184 Resp: 333

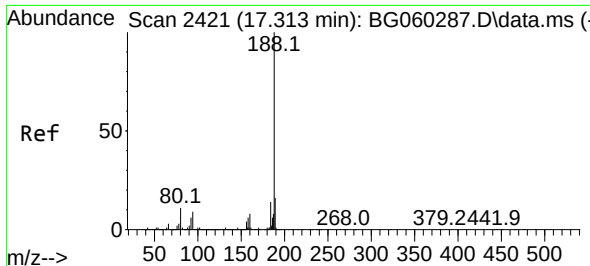
Ion Ratio Lower Upper

184 100

63 415.1 41.0 61.4#

154 553.8 39.2 58.8#

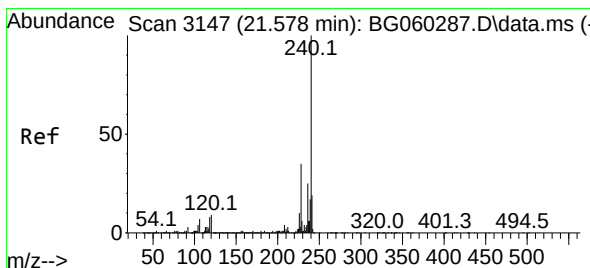
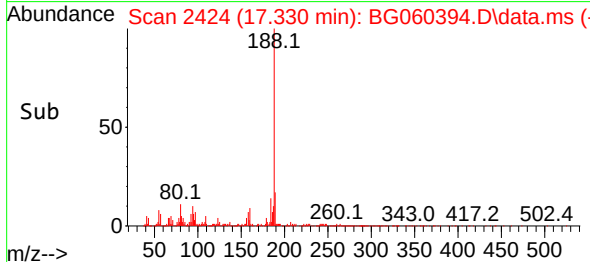
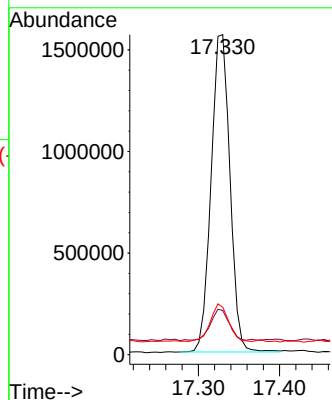
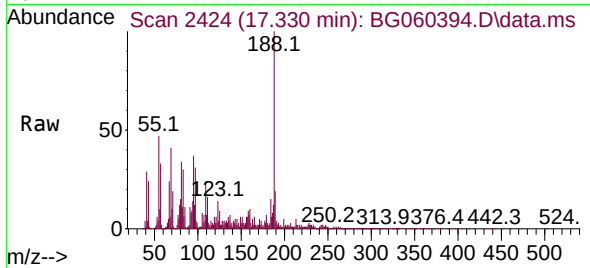




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2421
Delta R.T. 0.017 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

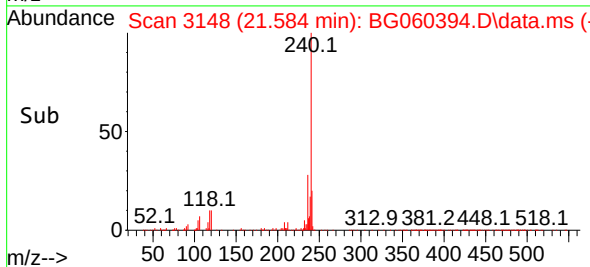
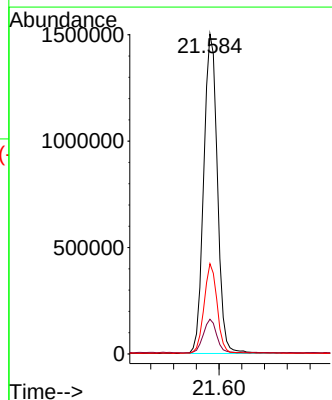
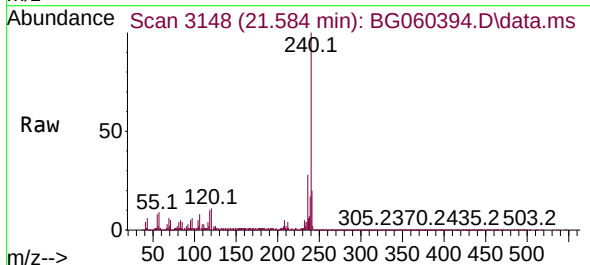
Instrument :
BNA_G
ClientSampleId :

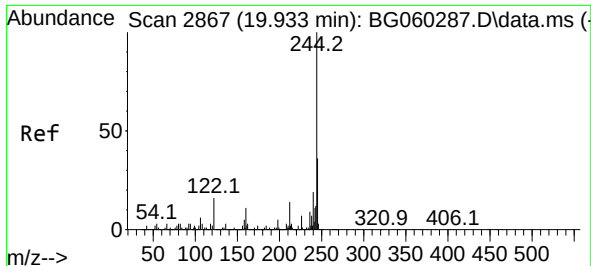
Tgt Ion:188 Resp: 2518238
Ion Ratio Lower Upper
188 100
94 13.8 7.1 10.7#
80 14.8 8.5 12.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BG060394.D
Acq: 22 Jan 2024 21:09

Tgt Ion:240 Resp: 2512415
Ion Ratio Lower Upper
240 100
120 10.8 7.3 10.9
236 28.2 20.3 30.5

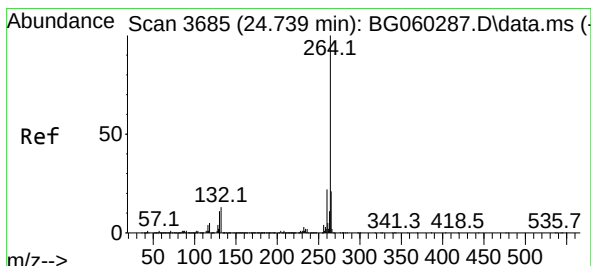
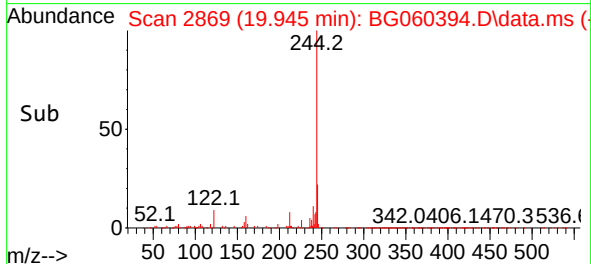
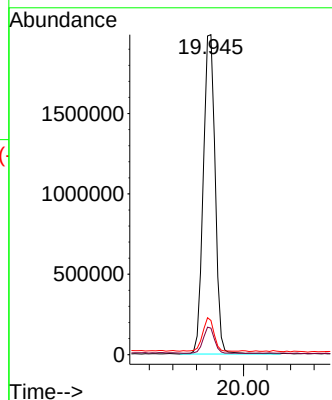
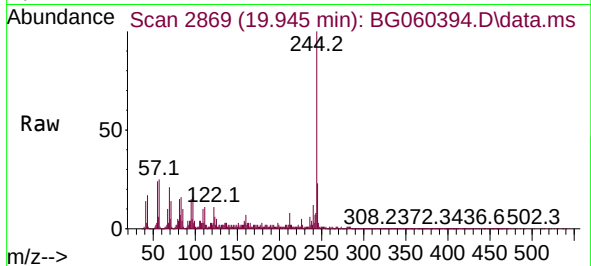




#79
 Terphenyl-d14
 Concen: 19.223 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. 0.012 min
 Lab File: BG060394.D
 Acq: 22 Jan 2024 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 2789820
 Ion Ratio Lower Upper
 244 100
 212 8.3 10.9 16.3#
 122 10.7 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.757 min Scan# 3688
 Delta R.T. 0.017 min
 Lab File: BG060394.D
 Acq: 22 Jan 2024 21:09

Tgt Ion:264 Resp: 3028455
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.6
 265 22.4 16.8 25.2

