

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060390.D
 Acq On : 22 Jan 2024 18:27
 Operator : MA/JU
 Sample : P1207-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 00:38:47 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)

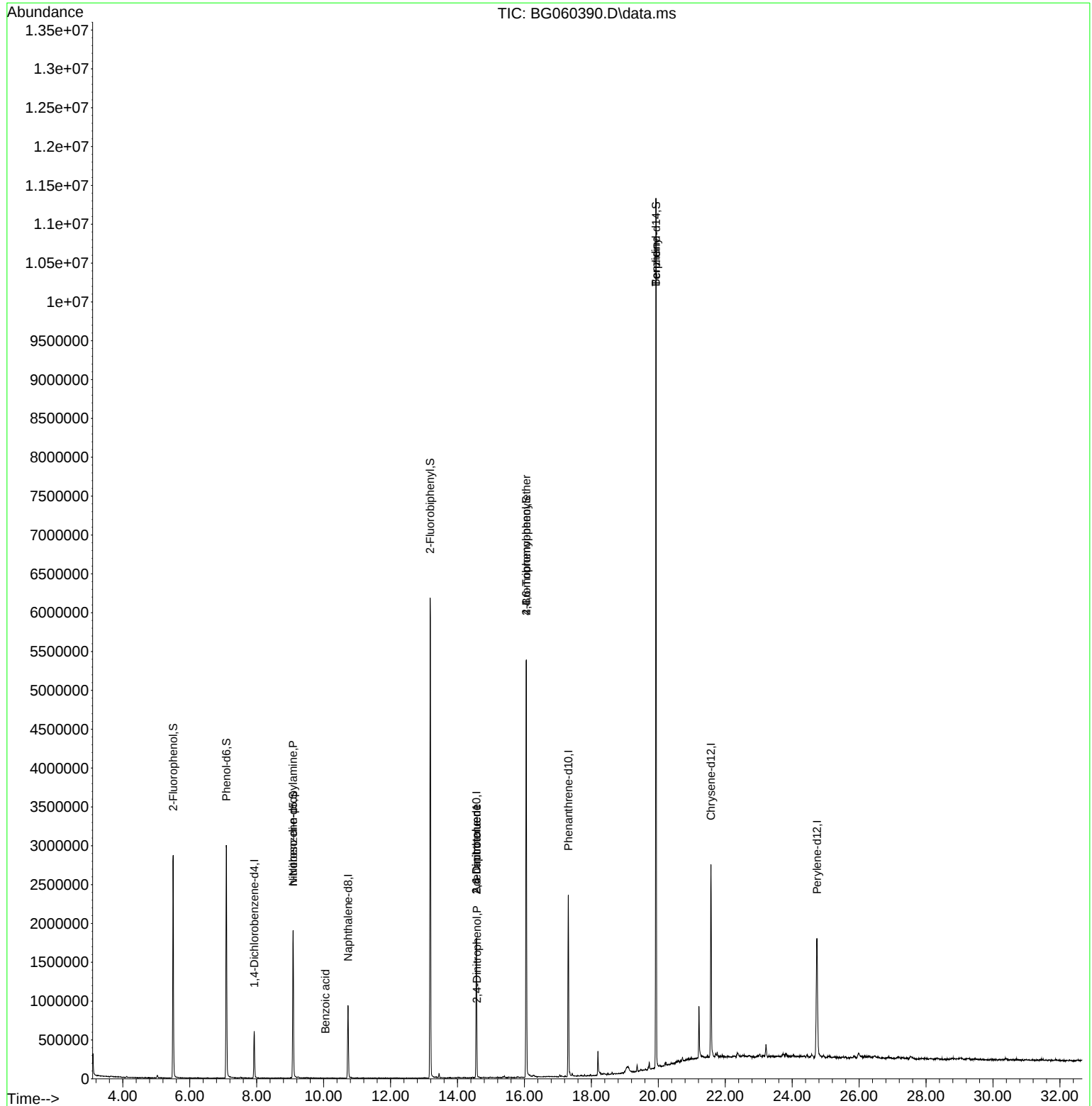
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	192836	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	851739	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	666057	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1664062	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1497906	20.000	ng	0.00
86) Perylene-d12	24.741	264	1723108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1415628	120.745	ng	0.00
7) Phenol-d6	7.091	99	2083602	120.019	ng	0.00
23) Nitrobenzene-d5	9.089	82	1302741	72.223	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1253765	127.940	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	3495790	72.971	ng	0.00
79) Terphenyl-d14	19.935	244	5300897	92.078	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.089	70	153752	12.796	ng	# 83
32) Benzoic acid	10.052	122	71	10.208	ng	# 1
51) 2,6-Dinitrotoluene	14.565	165	85297	7.854	ng	# 33
54) 2,4-Dinitrophenol	14.582	184	66	8.596	ng	# 1
57) 2,4-Dinitrotoluene	14.565	165	85297	5.727	ng	# 25
67) 4-Bromophenyl-phenylether	16.057	248	76958	4.209	ng	# 1
77) Benzidine	19.929	184	90631	2.785	ng	# 91

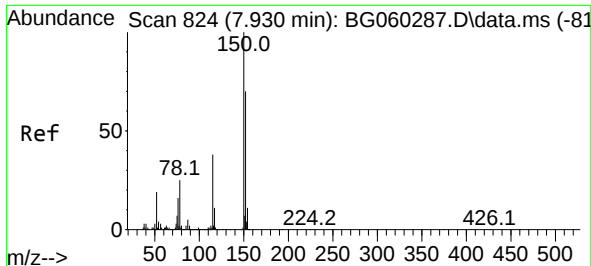
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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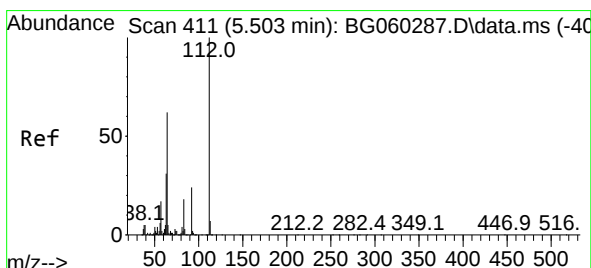
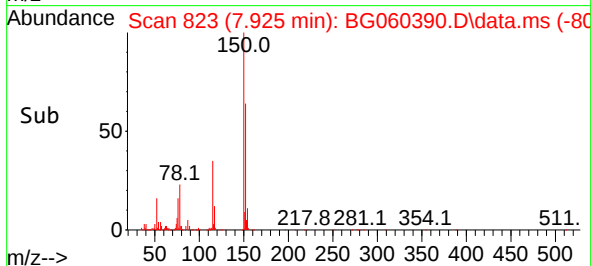
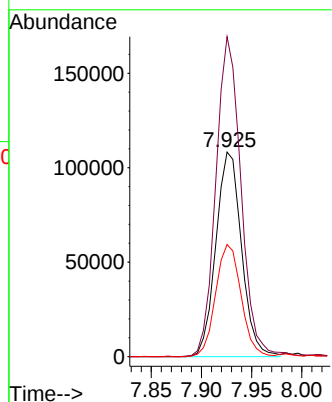
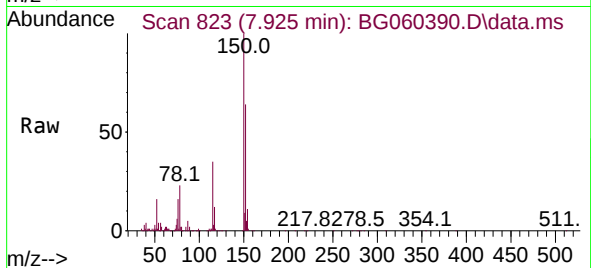




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

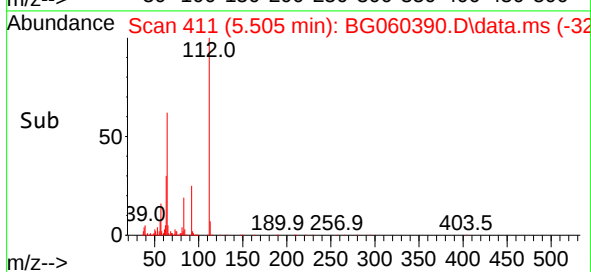
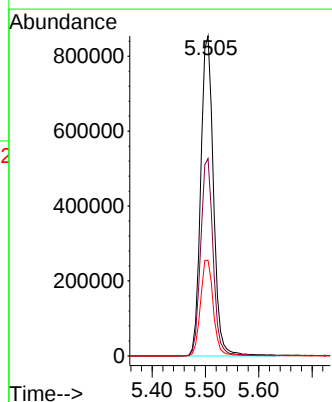
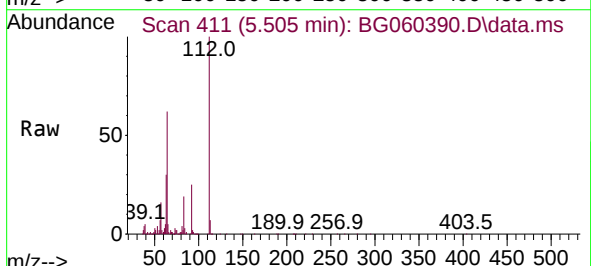
Instrument :
BNA_G
ClientSampleId :

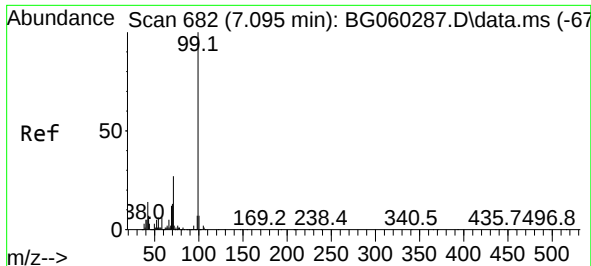
Tgt Ion:152 Resp: 192836
Ion Ratio Lower Upper
152 100
150 156.4 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 120.745 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

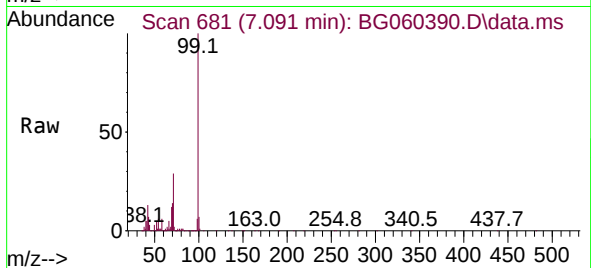
Tgt Ion:112 Resp: 1415628
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 29.9 24.4 36.6





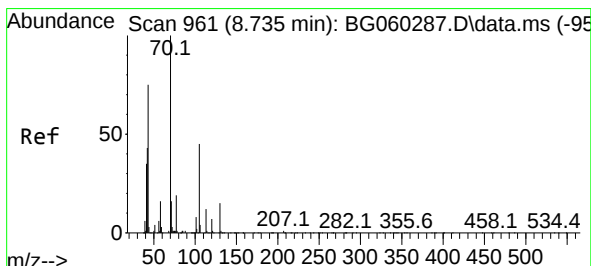
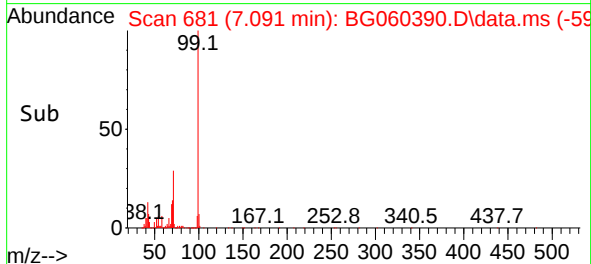
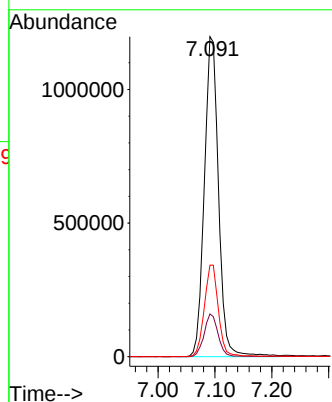
#7
Phenol-d6
Concen: 120.019 ng
RT: 7.091 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 2083602

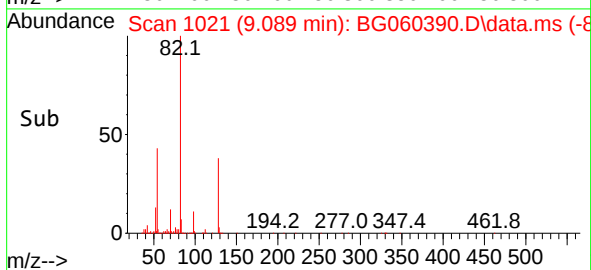
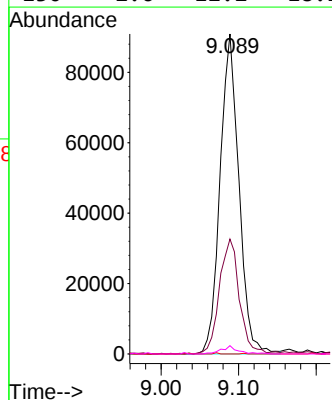
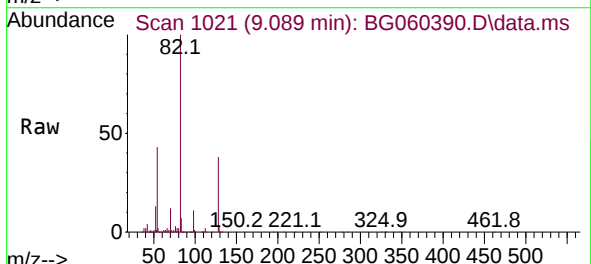
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.9	16.3
71	28.6	21.5	32.3

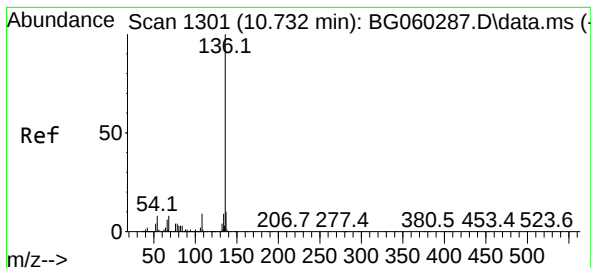


#19
n-Nitroso-di-n-propylamine
Concen: 12.796 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion: 70 Resp: 153752

Ion	Ratio	Lower	Upper
70	100		
42	35.9	34.3	51.5
101	0.0	6.2	9.2#
130	2.6	12.2	18.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 1301

Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 851739

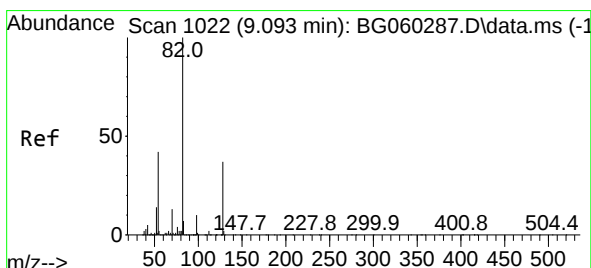
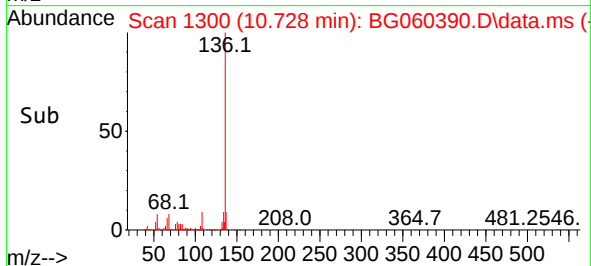
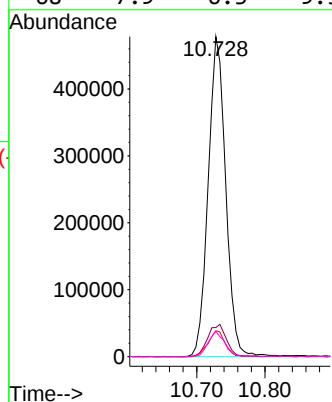
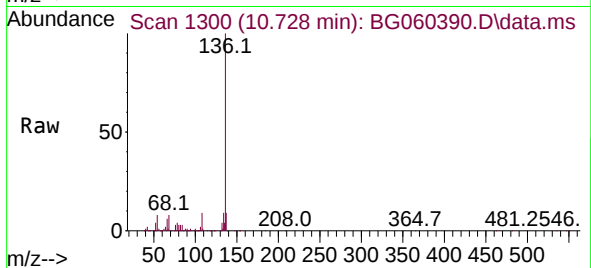
Ion Ratio Lower Upper

136 100

137 9.1 8.2 12.4

54 8.1 6.2 9.2

68 7.9 6.3 9.5



#23

Nitrobenzene-d5

Concen: 72.223 ng

RT: 9.089 min Scan# 1021

Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

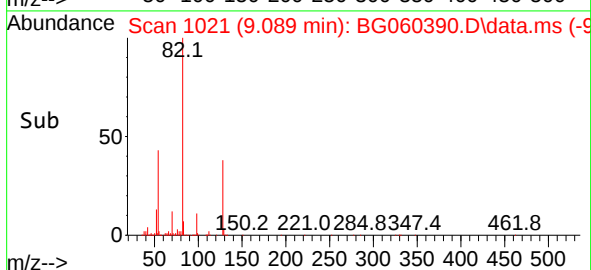
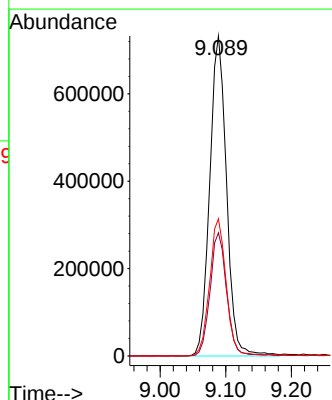
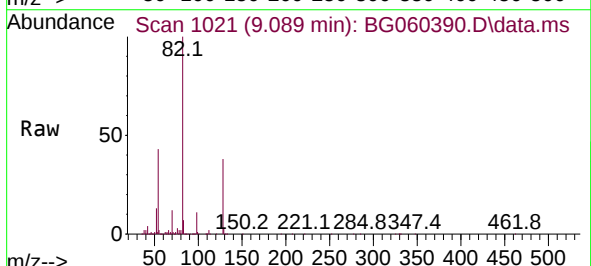
Tgt Ion: 82 Resp: 1302741

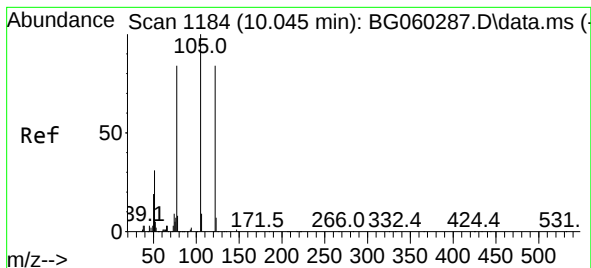
Ion Ratio Lower Upper

82 100

128 38.5 29.6 44.4

54 42.8 33.6 50.4





#32

Benzoic acid

Concen: 10.208 ng

RT: 10.052 min Scan# 1184

Delta R.T. 0.007 min

Lab File: BG060390.D

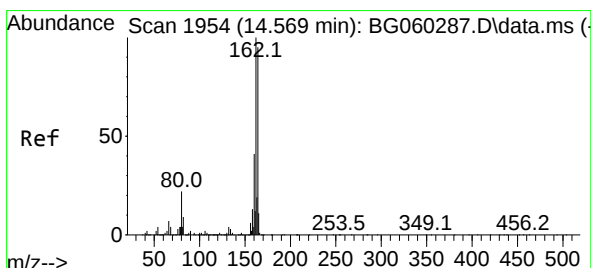
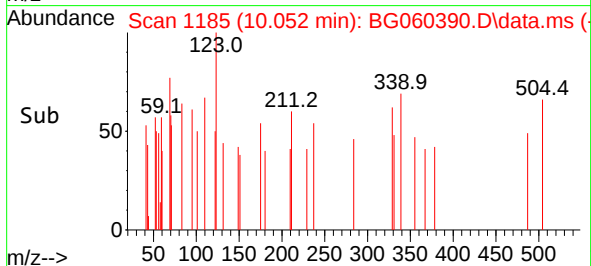
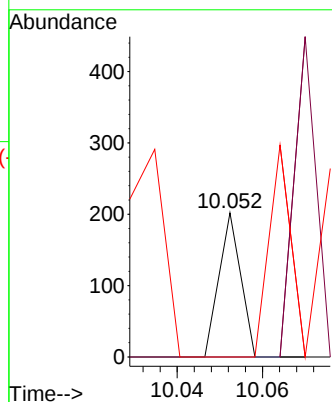
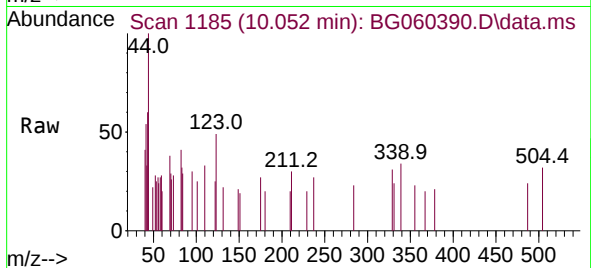
Acq: 22 Jan 2024 18:27

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	122	Resp:	71
Ion	Ratio	Lower	Upper
122	100		
105	0.0	96.0	136.0#
77	0.0	80.1	120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

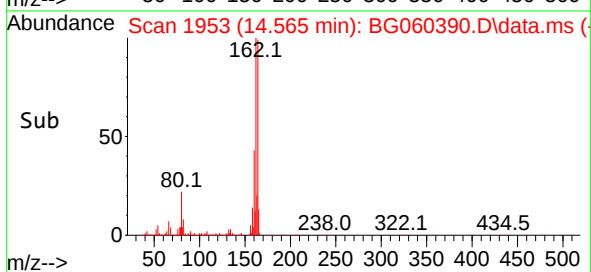
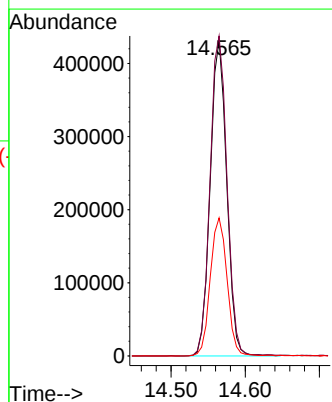
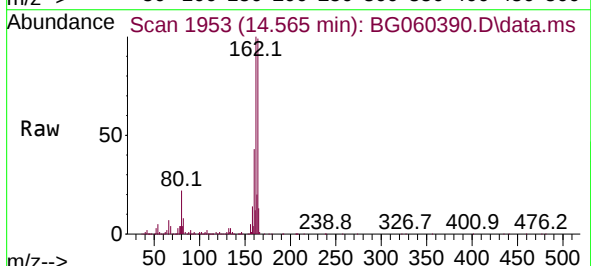
RT: 14.565 min Scan# 1953

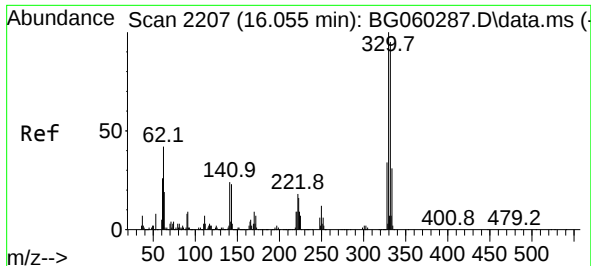
Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

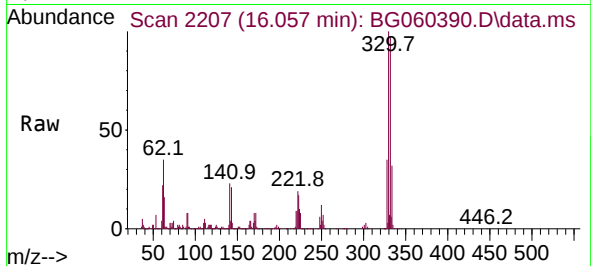
Tgt Ion:	164	Resp:	666057
Ion	Ratio	Lower	Upper
164	100		
162	101.4	84.4	126.6
160	43.8	34.6	52.0



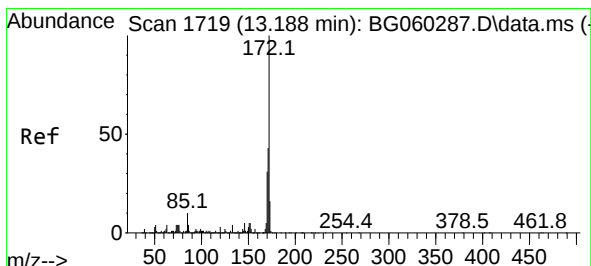
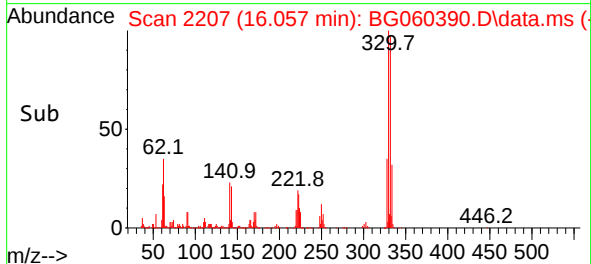
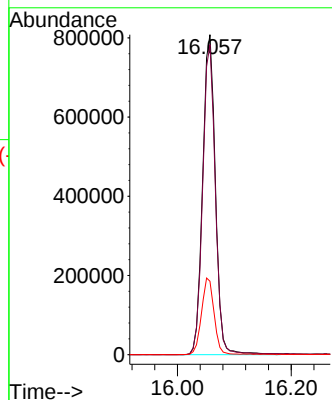


#42
2,4,6-Tribromophenol
Concen: 127.940 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Instrument :
BNA_G
ClientSampleId :

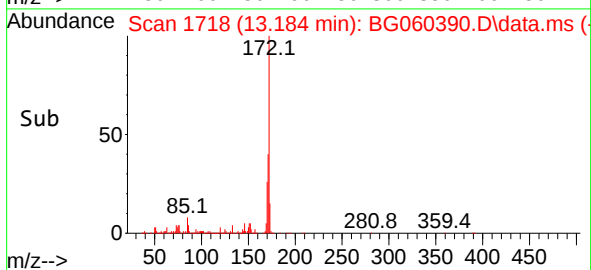
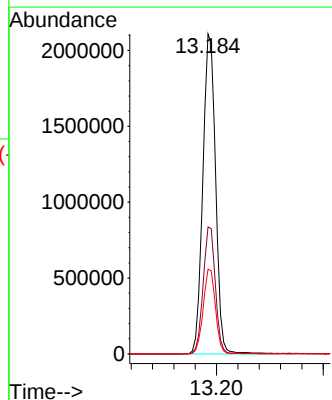
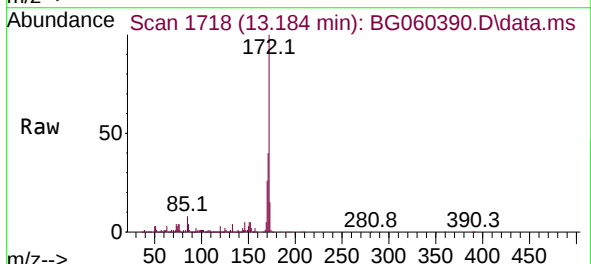


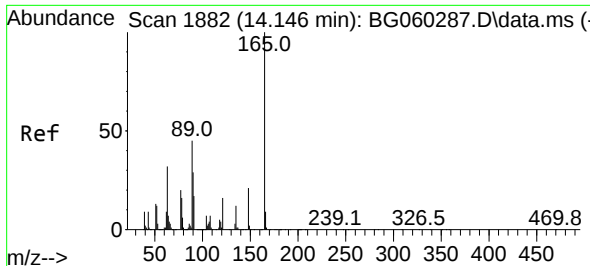
Tgt Ion:330 Resp: 1253765
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 72.971 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

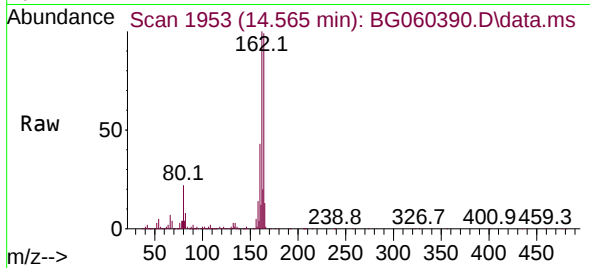
Tgt Ion:172 Resp: 3495790
Ion Ratio Lower Upper
172 100
171 39.7 34.6 51.8
170 26.5 24.4 36.6



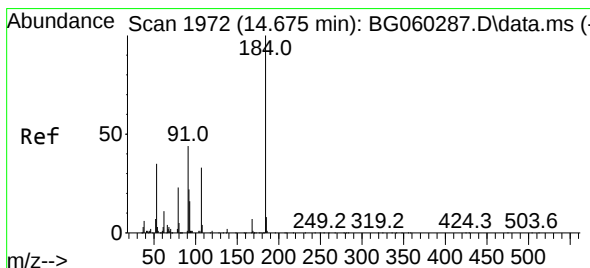
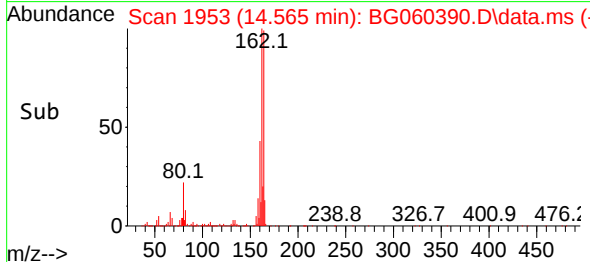
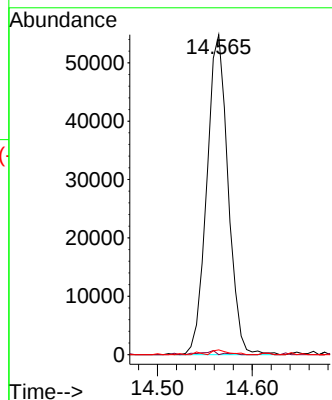


#51
2,6-Dinitrotoluene
Concen: 7.854 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.419 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Instrument :
BNA_G
ClientSampleId :

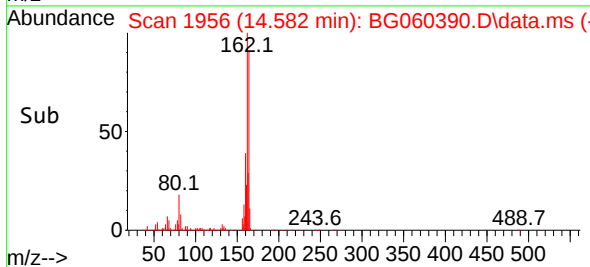
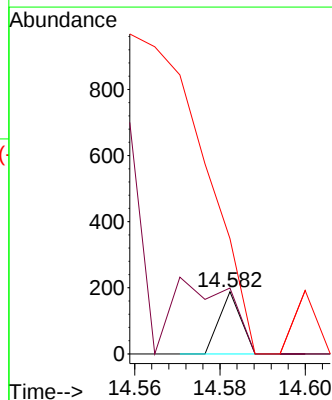
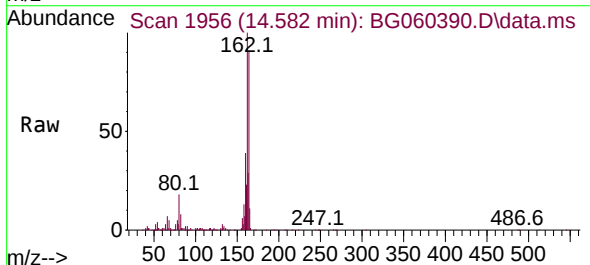


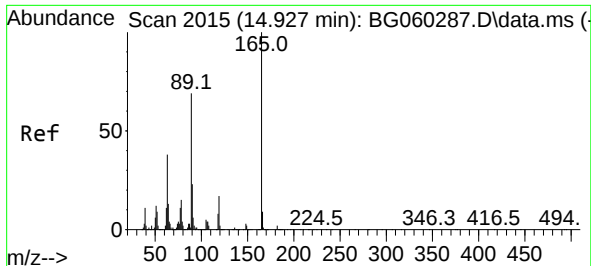
Tgt Ion:165 Resp: 85297
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 1.5 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.596 ng
RT: 14.582 min Scan# 1956
Delta R.T. -0.093 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

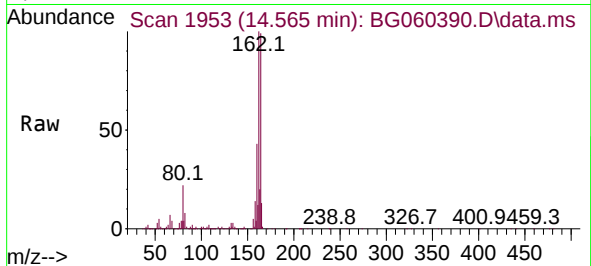
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 105.9 41.0 61.4#
154 185.6 39.2 58.8#



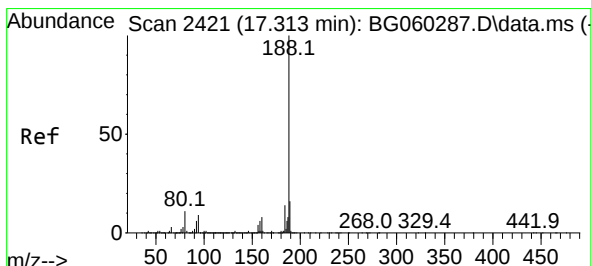
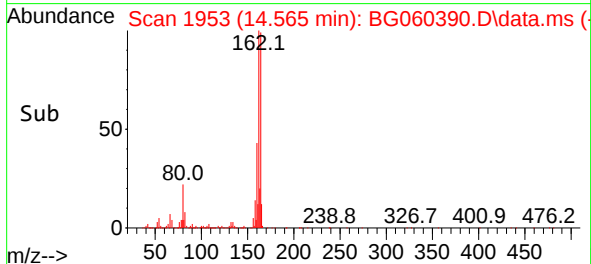
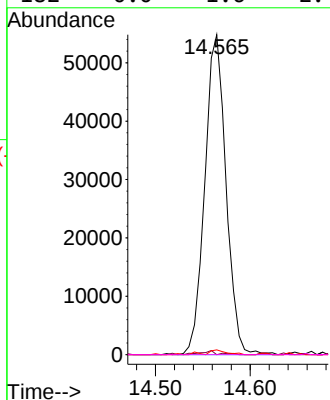


#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.363 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Instrument :
BNA_G
ClientSampleId :

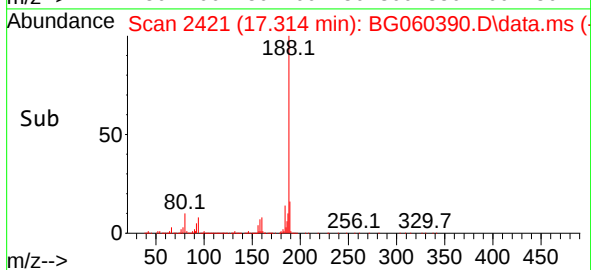
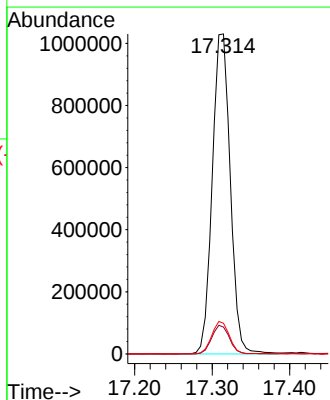
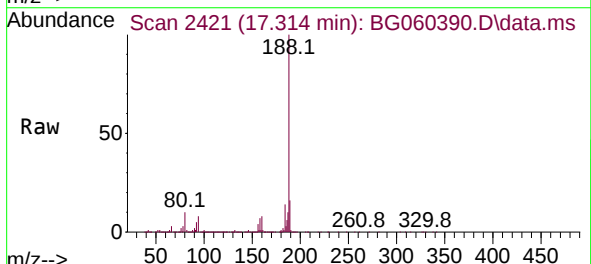


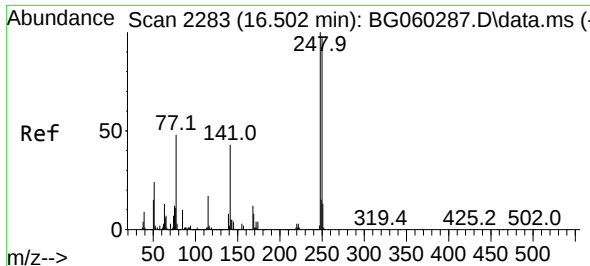
Tgt Ion:165 Resp: 85297
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 1.5 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion:188 Resp: 1664062
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.6 8.5 12.7

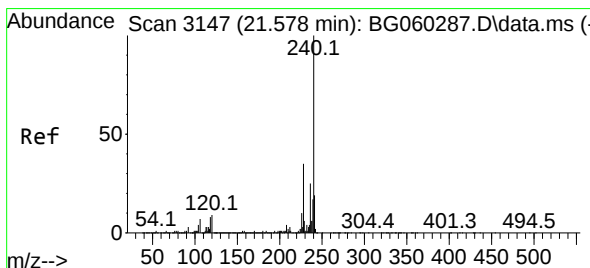
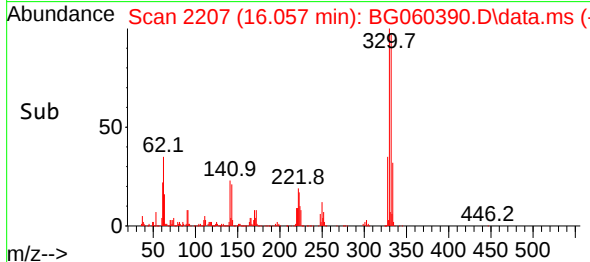
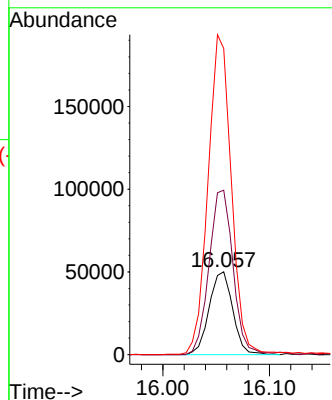
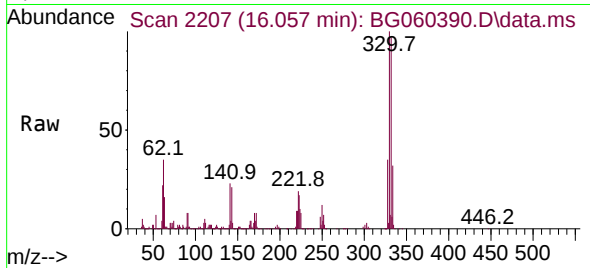




#67
4-Bromophenyl-phenylether
Concen: 4.209 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

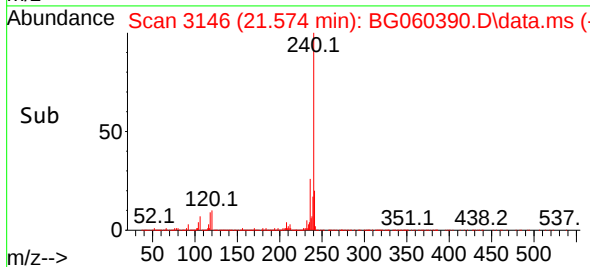
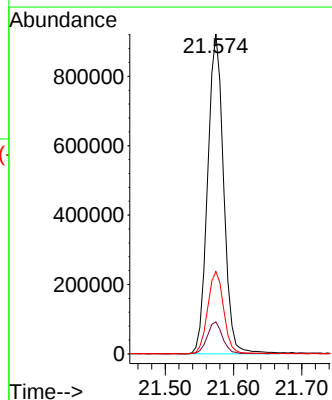
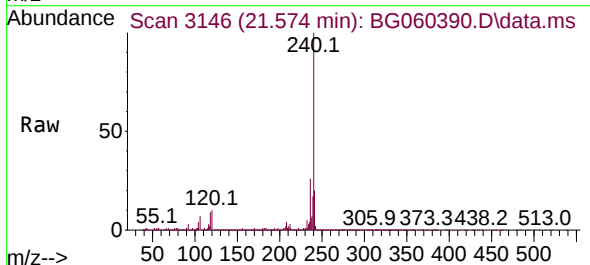
Instrument :
BNA_G
ClientSampleId :

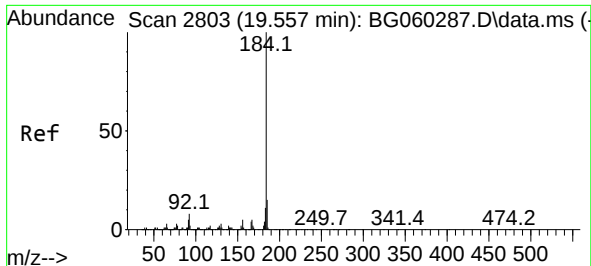
Tgt Ion:248 Resp: 76958
Ion Ratio Lower Upper
248 100
250 198.5 77.6 116.4#
141 369.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion:240 Resp: 1497906
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.8 20.3 30.5

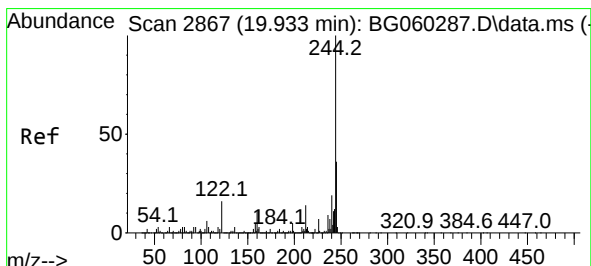
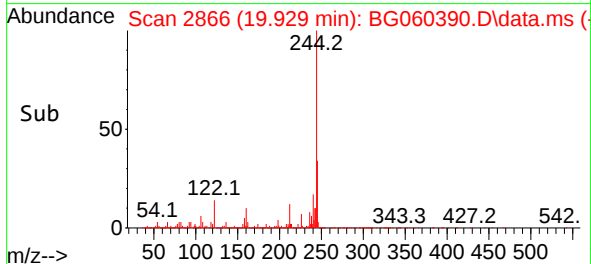
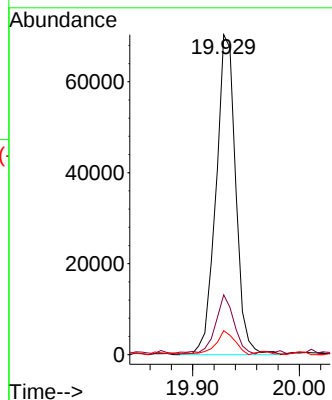
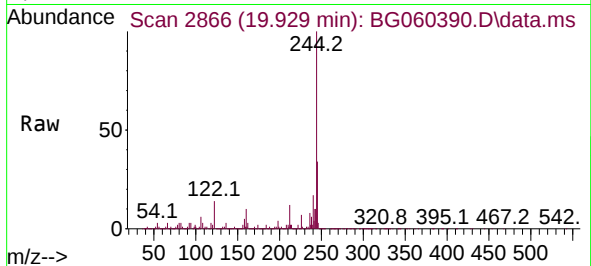




#77
Benzidine
Concen: 2.785 ng
RT: 19.929 min Scan# 2803
Delta R.T. 0.372 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

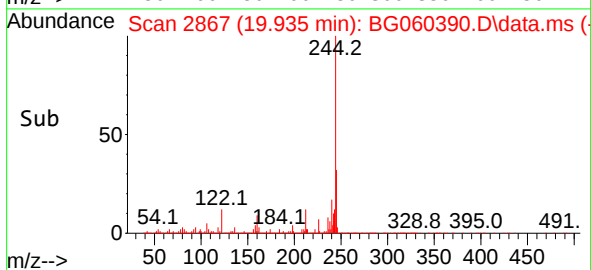
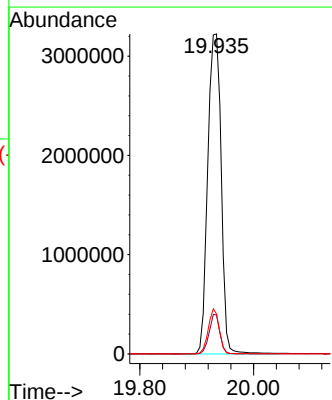
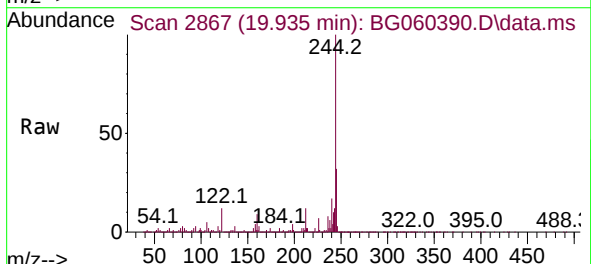
Instrument :
BNA_G
ClientSampleId :

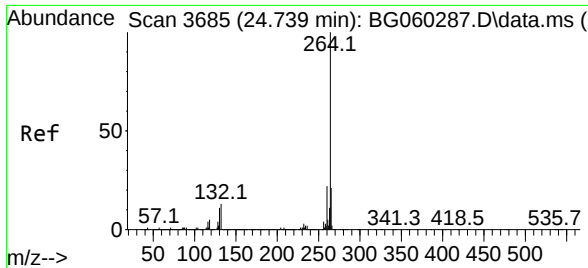
Tgt Ion:184 Resp: 90631
Ion Ratio Lower Upper
184 100
185 18.7 12.2 18.4#
183 7.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 92.078 ng
RT: 19.935 min Scan# 2867
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

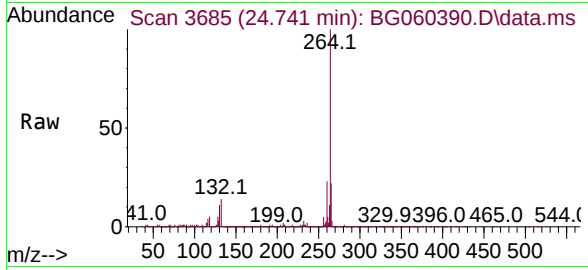
Tgt Ion:244 Resp: 5300897
Ion Ratio Lower Upper
244 100
212 12.2 10.9 16.3
122 12.5 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG060390.D
 Acq: 22 Jan 2024 18:27

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1723108

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	22.1	16.8	25.2

