

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060132.D
 Acq On : 22 Dec 2023 10:47
 Operator : MA/JU
 Sample : PB157953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157953BL

Quant Time: Dec 22 11:20:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

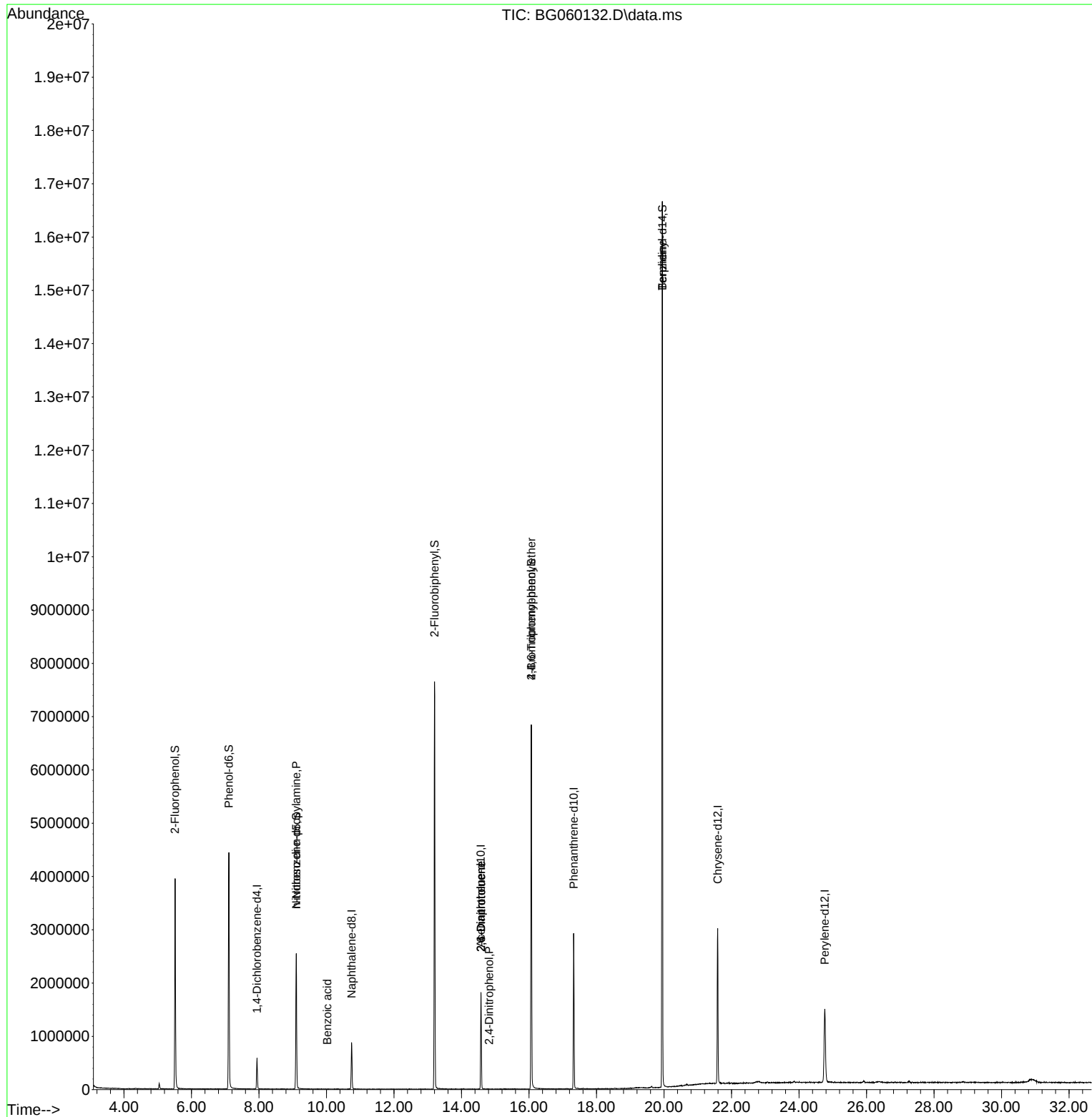
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	168400	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	761850	20.000	ng	# 0.00
39) Acenaphthene-d10	14.574	164	656785	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1858618	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1722413	20.000	ng	0.00
86) Perylene-d12	24.762	264	1512394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1858917	173.938	ng	0.00
7) Phenol-d6	7.106	99	2757614	153.319	ng	0.00
23) Nitrobenzene-d5	9.104	82	1613975	103.780	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1333227	150.765	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4098240	93.694	ng	0.00
79) Terphenyl-d14	19.950	244	6384118	67.070	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	202302	14.465	ng	# 77
32) Benzoic acid	10.021	122	160	5.104	ng	# 1
51) 2,6-Dinitrotoluene	14.580	165	85739	7.420	ng	# 24
54) 2,4-Dinitrophenol	14.815	184	60	6.626	ng	# 22
57) 2,4-Dinitrotoluene	14.580	165	85739	5.055	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	87215	4.981	ng	# 1
77) Benzidine	19.950	184	166255	3.570	ng	# 93

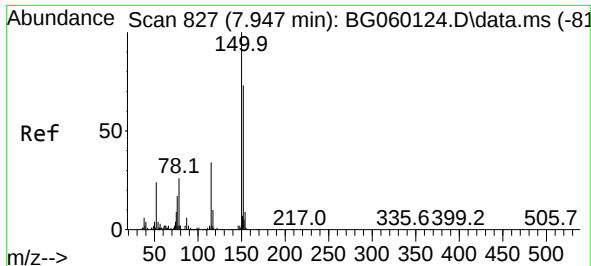
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060132.D
Acq On : 22 Dec 2023 10:47
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BNA_G
ClientSampleId :
PB157953BL

Quant Time: Dec 22 11:20:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

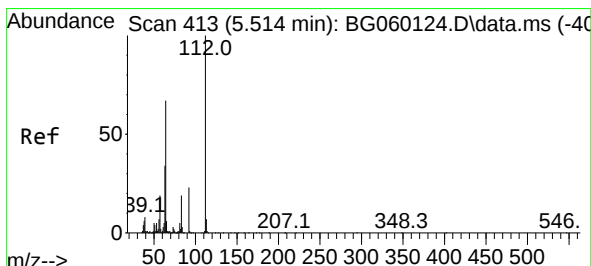
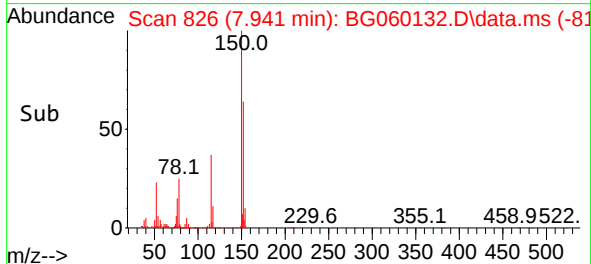
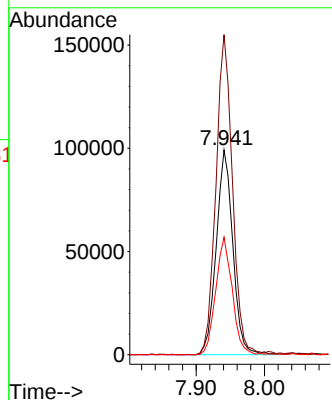
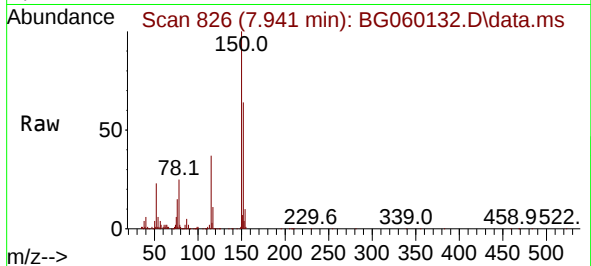




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

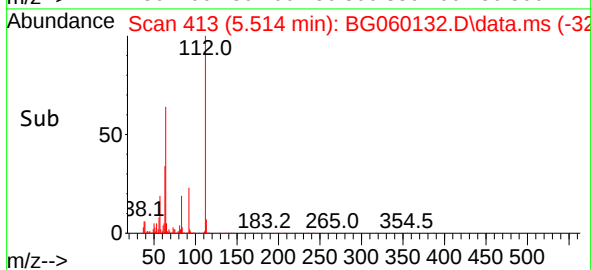
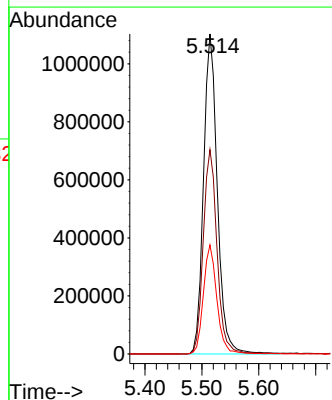
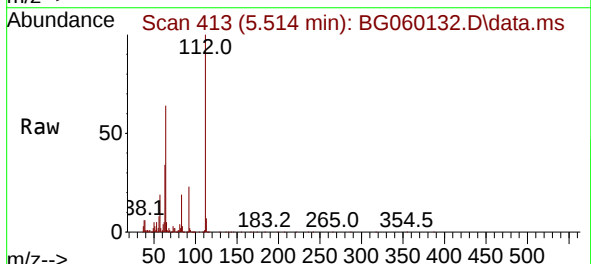
Instrument :
BNA_G
ClientSampleId :
PB157953BL

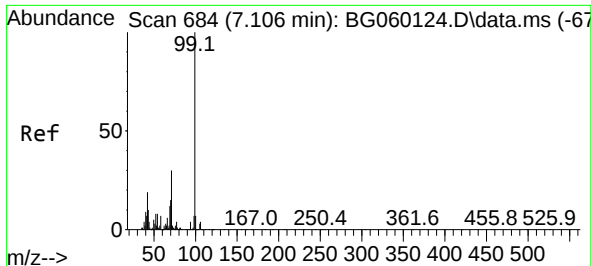
Tgt Ion:152 Resp: 168400
Ion Ratio Lower Upper
152 100
150 156.4 109.4 164.0
115 57.4 36.5 54.7#



#5
2-Fluorophenol
Concen: 173.938 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:112 Resp: 1858917
Ion Ratio Lower Upper
112 100
64 63.8 53.3 79.9
63 34.1 27.1 40.7



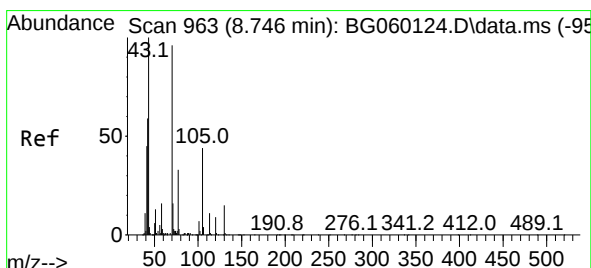
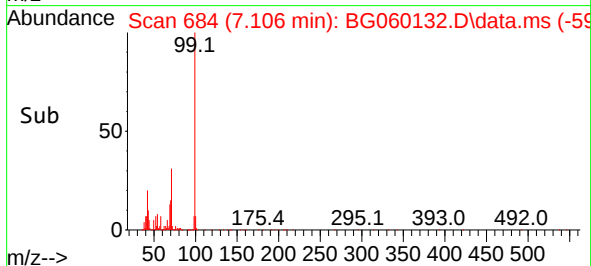
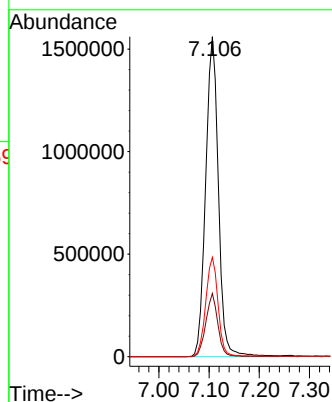
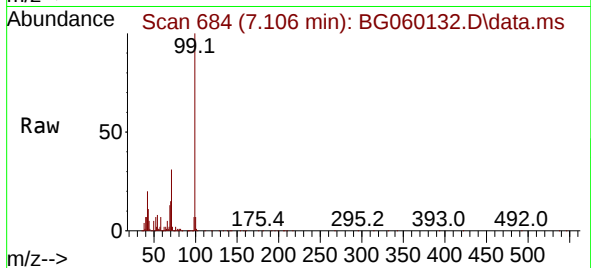


#7
Phenol-d6
Concen: 153.319 ng
RT: 7.106 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Instrument :
BNA_G
ClientSampleId :
PB157953BL

Tgt Ion: 99 Resp: 2757614

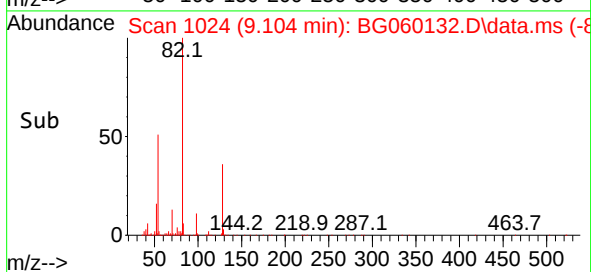
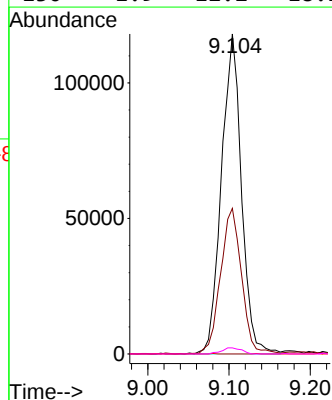
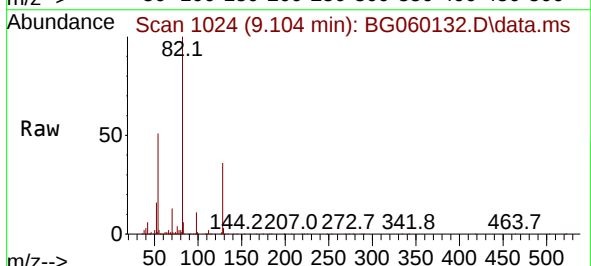
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.2	22.8
71	31.1	24.2	36.2

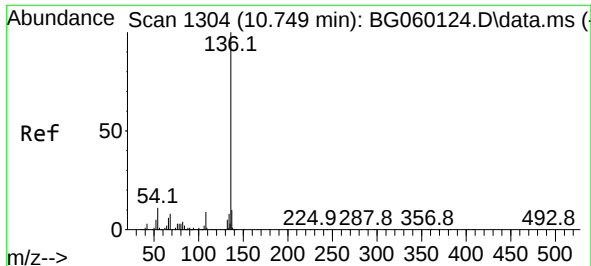


#19
n-Nitroso-di-n-propylamine
Concen: 14.465 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.359 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion: 70 Resp: 202302

Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.6	74.4#
101	0.0	6.2	9.4#
130	1.9	12.2	18.2#

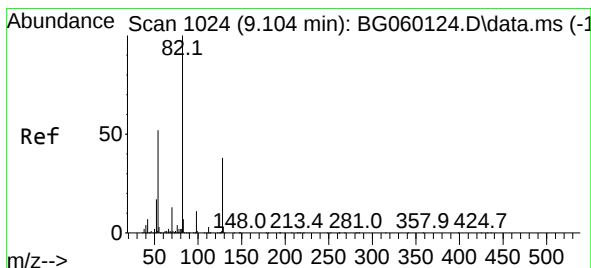
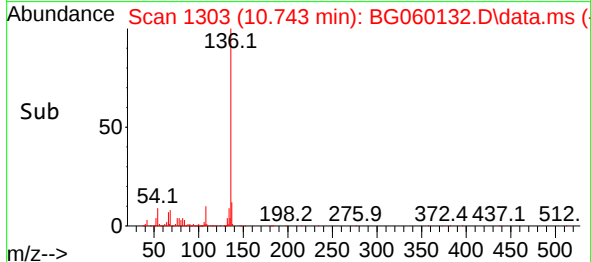
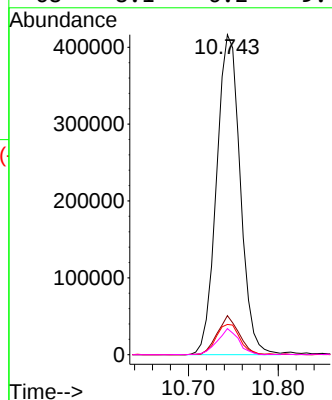
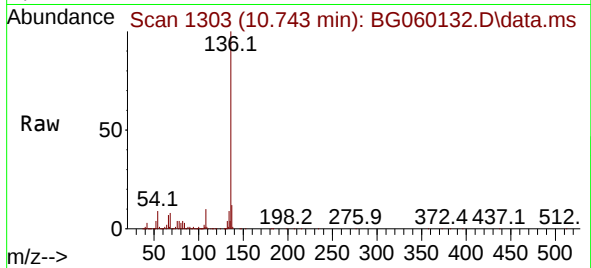




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

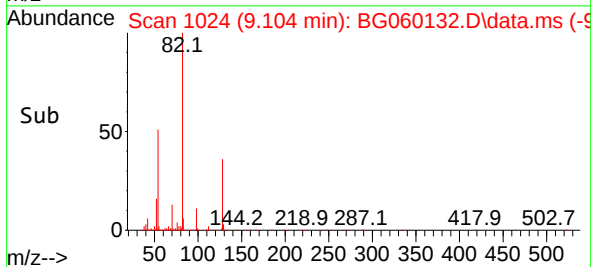
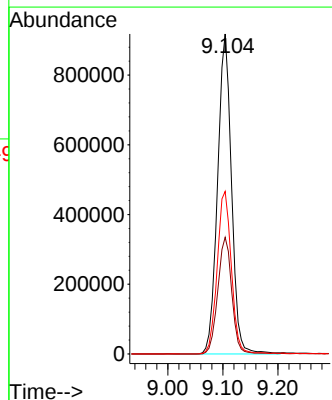
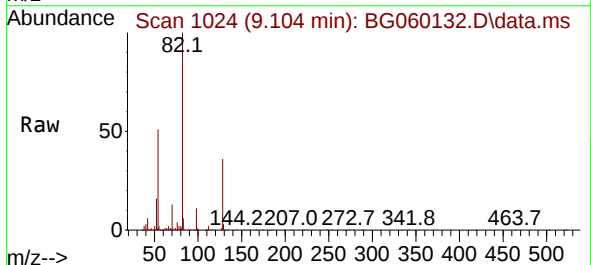
Instrument :
BNA_G
ClientSampleId :
PB157953BL

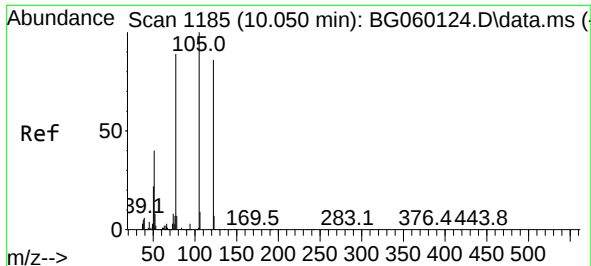
Tgt Ion:136 Resp: 761850
Ion Ratio Lower Upper
136 100
137 12.2 8.1 12.1#
54 9.5 8.7 13.1
68 8.1 6.2 9.4



#23
Nitrobenzene-d5
Concen: 103.780 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion: 82 Resp: 1613975
Ion Ratio Lower Upper
82 100
128 36.4 30.5 45.7
54 50.8 41.9 62.9

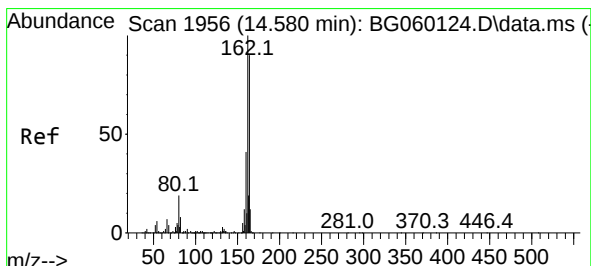
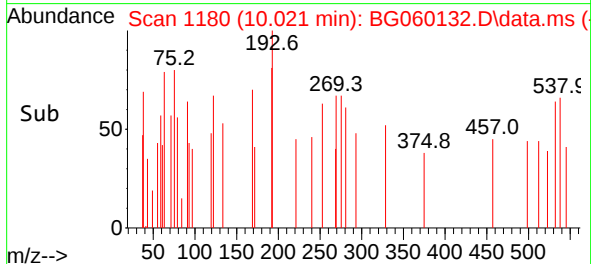
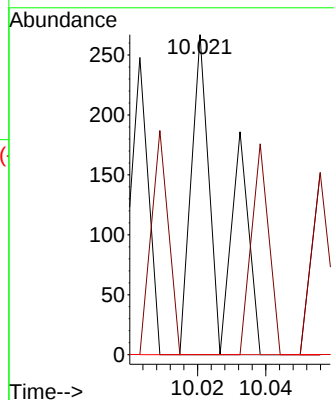
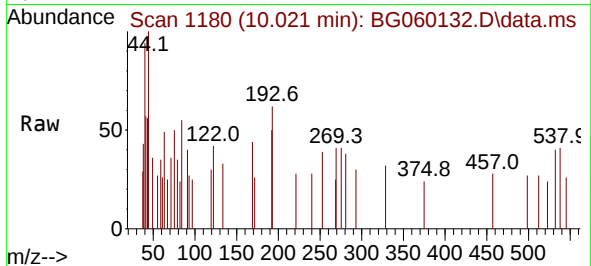




#32
Benzoic acid
Concen: 5.104 ng
RT: 10.021 min Scan# 1185
Delta R.T. -0.029 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

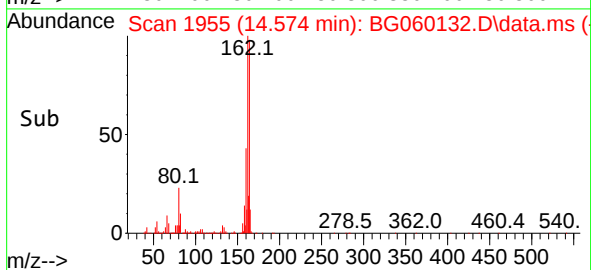
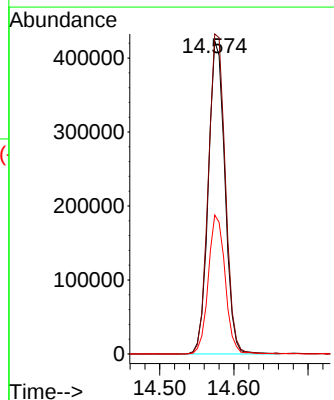
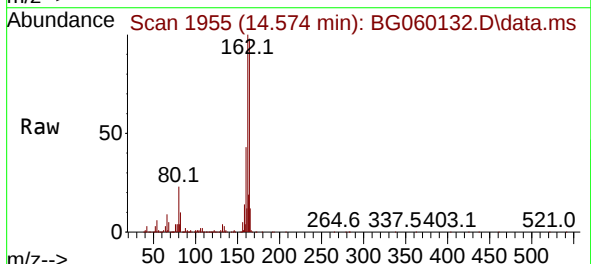
Instrument :
BNA_G
ClientSampleId :
PB157953BL

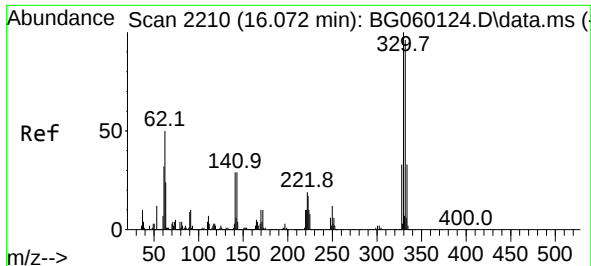
Tgt Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:164 Resp: 656785
Ion Ratio Lower Upper
164 100
162 102.3 88.5 132.7
160 44.4 36.2 54.2

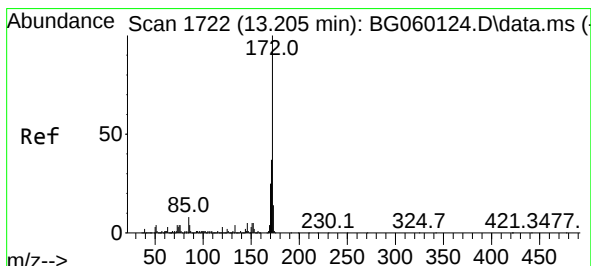
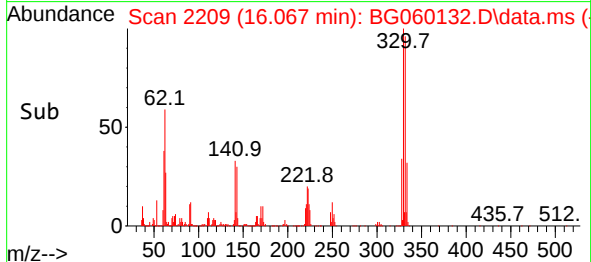
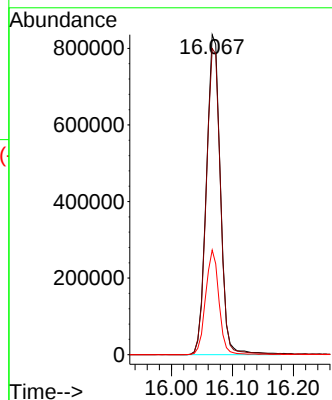
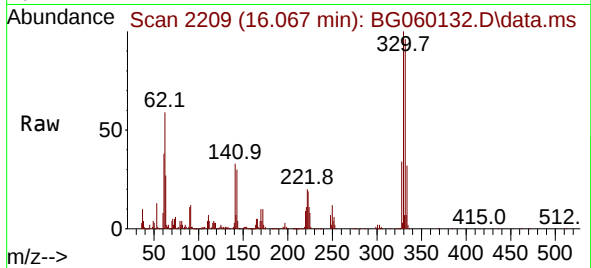




#42
2,4,6-Tribromophenol
Concen: 150.765 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

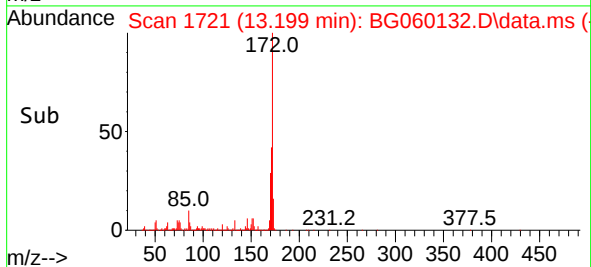
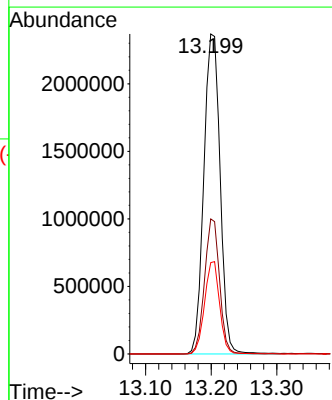
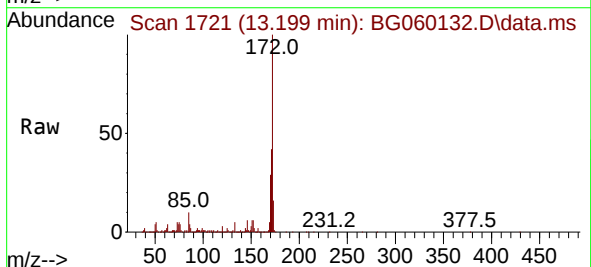
Instrument :
BNA_G
ClientSampleId :
PB157953BL

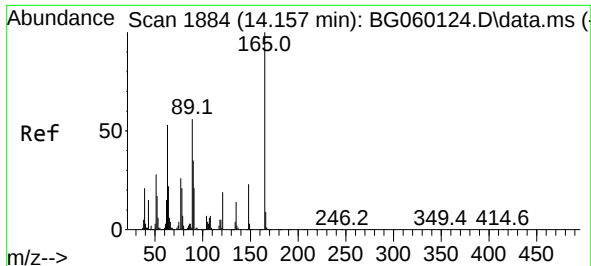
Tgt Ion:330 Resp: 1333227
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 31.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.694 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:172 Resp: 4098240
Ion Ratio Lower Upper
172 100
171 42.2 29.2 43.8
170 28.5 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 7.420 ng

RT: 14.580 min Scan# 1956

Delta R.T. 0.423 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

Instrument :

BNA_G

ClientSampleId :

PB157953BL

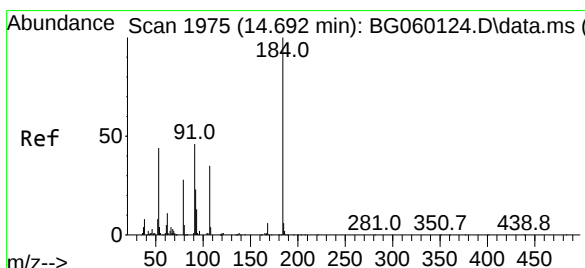
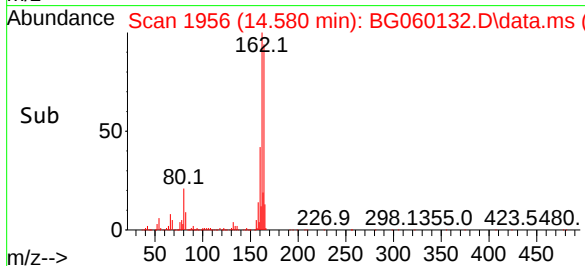
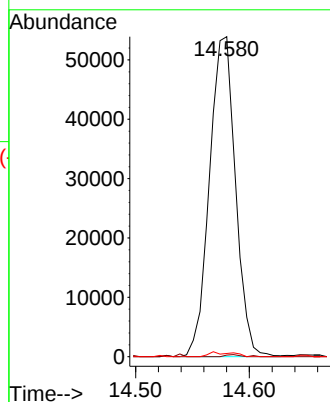
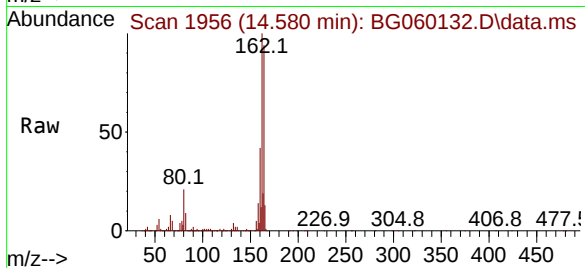
Tgt Ion:165 Resp: 85739

Ion Ratio Lower Upper

165 100

63 0.5 45.4 68.2#

89 1.0 44.6 66.8#



#54

2,4-Dinitrophenol

Concen: 6.626 ng

RT: 14.815 min Scan# 1996

Delta R.T. 0.123 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

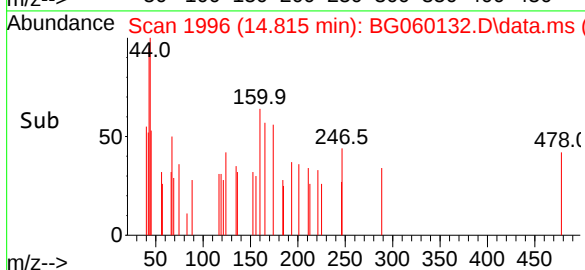
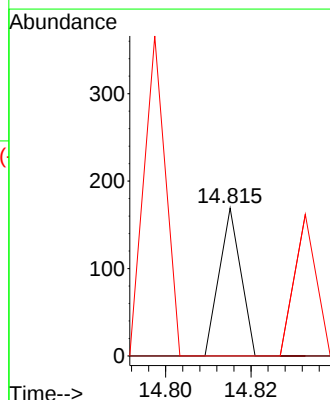
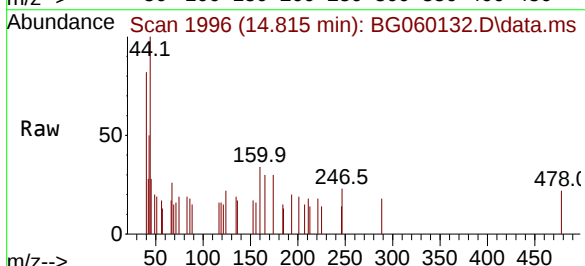
Tgt Ion:184 Resp: 60

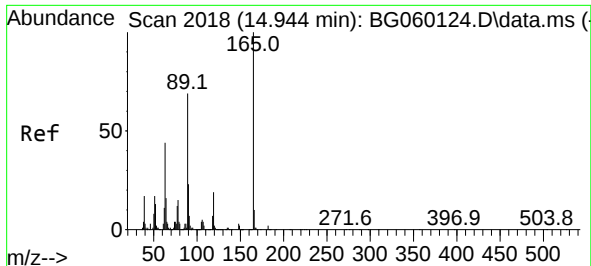
Ion Ratio Lower Upper

184 100

63 0.0 48.1 72.1#

154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.055 ng

RT: 14.580 min Scan# 1956

Delta R.T. -0.364 min

Lab File: BG060132.D

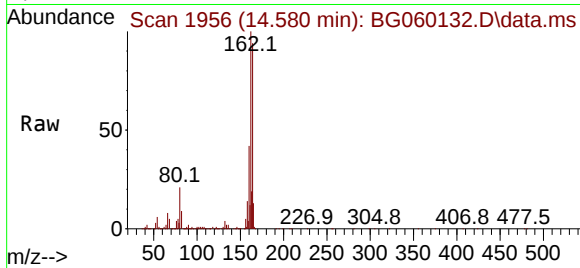
Acq: 22 Dec 2023 10:47

Instrument :

BNA_G

ClientSampleId :

PB157953BL



Tgt Ion:165 Resp: 85739

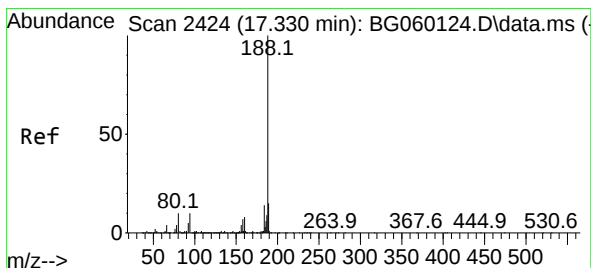
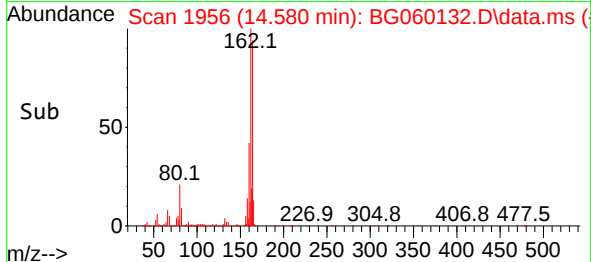
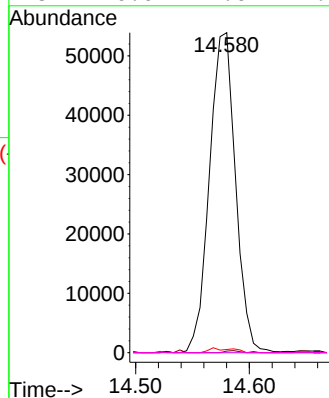
Ion Ratio Lower Upper

165 100

63 0.5 35.4 53.0#

89 1.0 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

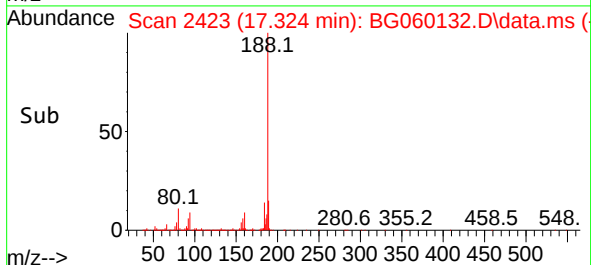
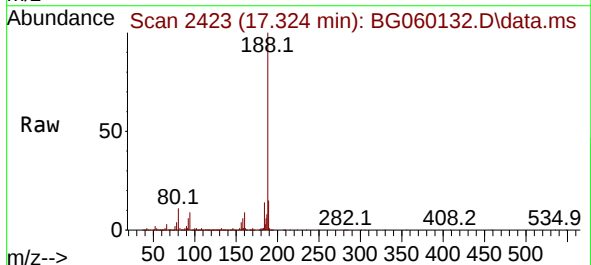
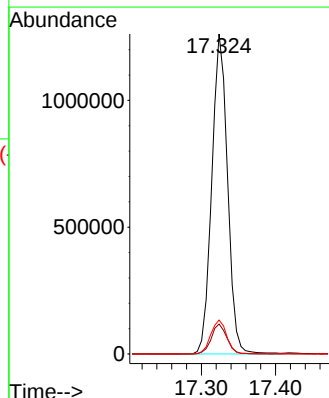
Tgt Ion:188 Resp: 1858618

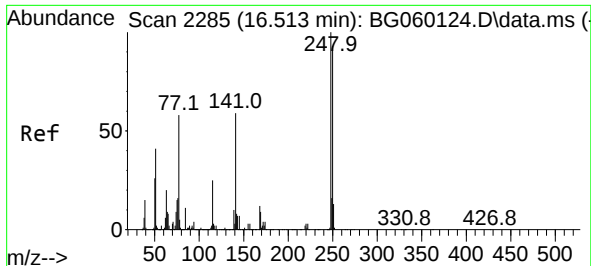
Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.6 7.9 11.9

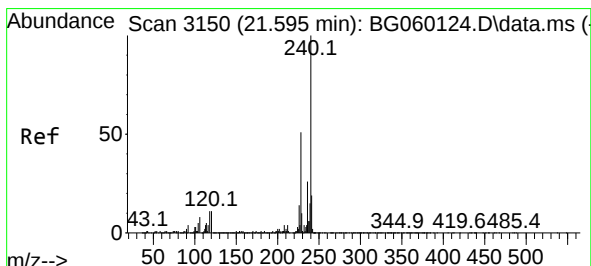
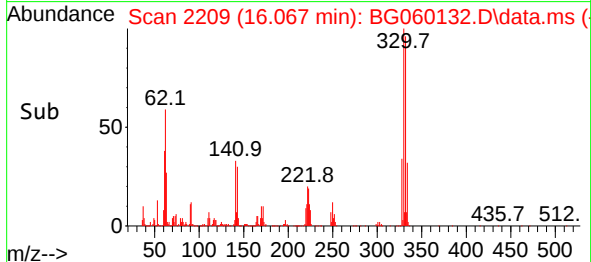
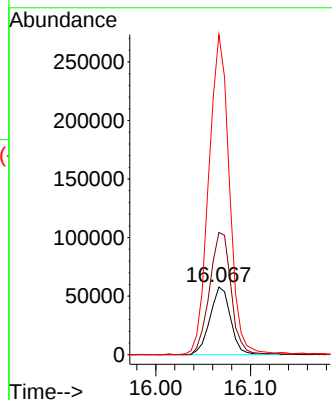
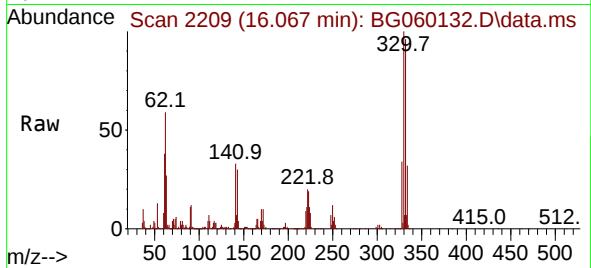




#67
4-Bromophenyl-phenylether
Concen: 4.981 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

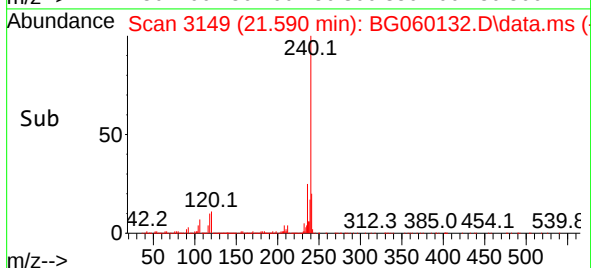
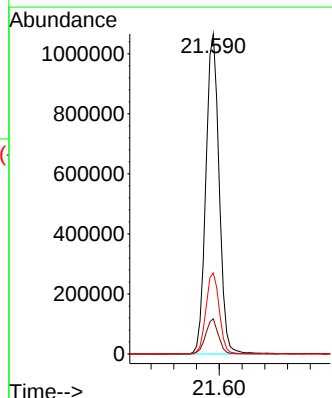
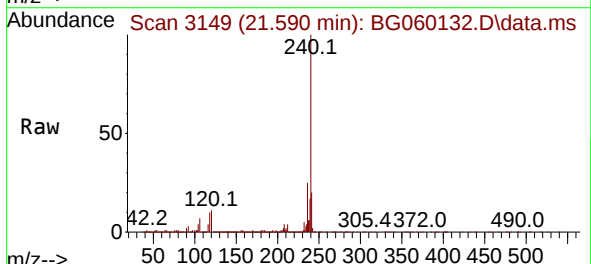
Instrument :
BNA_G
ClientSampleId :
PB157953BL

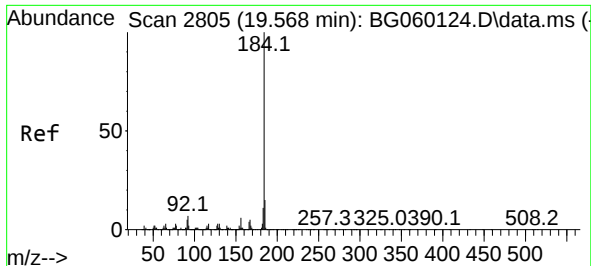
Tgt Ion:248 Resp: 87215
Ion Ratio Lower Upper
248 100
250 233.4 74.5 111.7#
141 472.4 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:240 Resp: 1722413
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.3 20.4 30.6

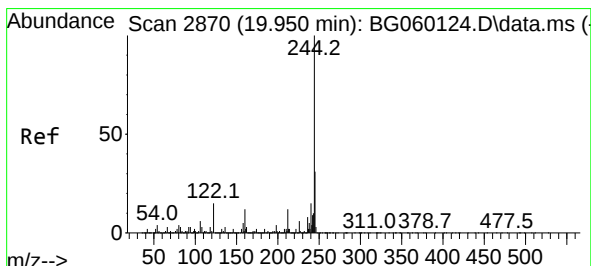
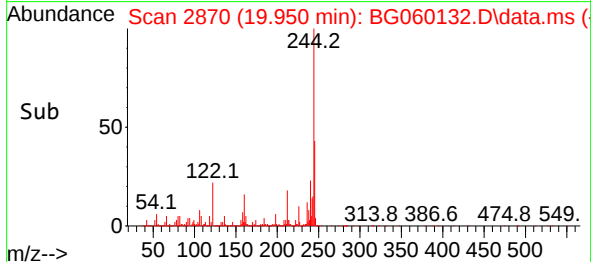
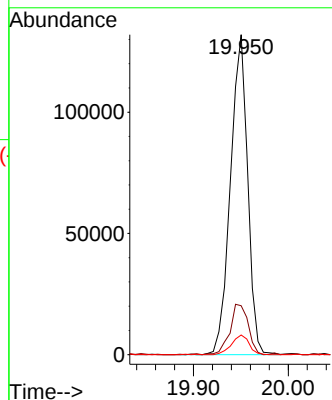
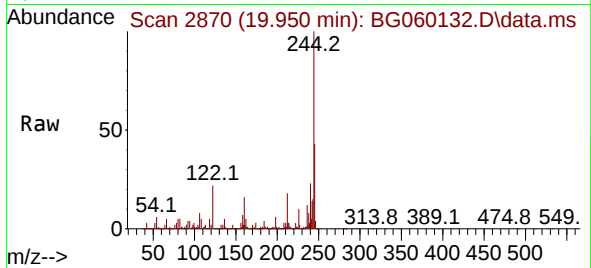




#77
Benzidine
Concen: 3.570 ng
RT: 19.950 min Scan# 2805
Delta R.T. 0.382 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

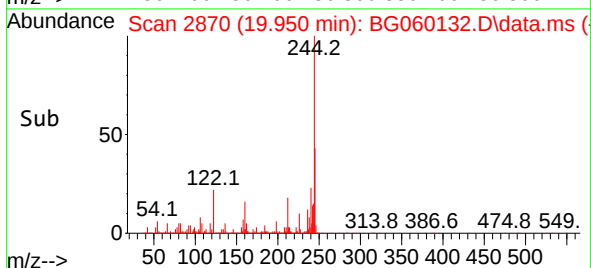
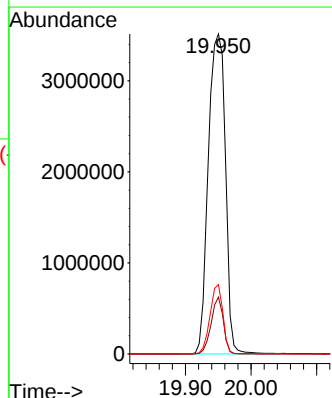
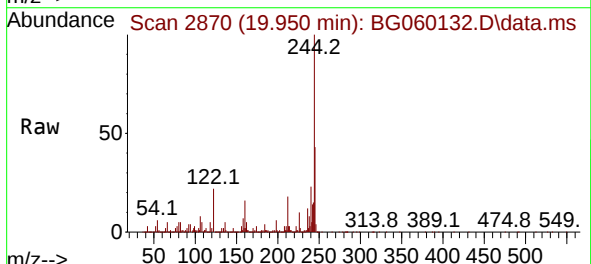
Instrument :
BNA_G
ClientSampleId :
PB157953BL

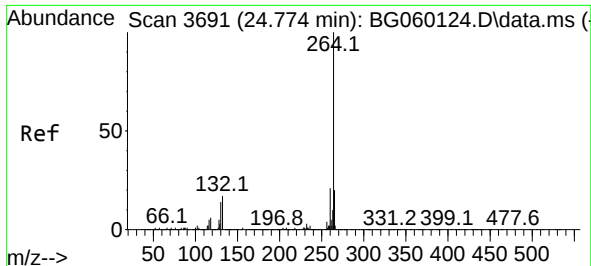
Tgt Ion:184 Resp: 166255
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 6.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 67.070 ng
RT: 19.950 min Scan# 2870
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:244 Resp: 6384118
Ion Ratio Lower Upper
244 100
212 17.7 9.5 14.3#
122 21.6 12.2 18.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG060132.D
 Acq: 22 Dec 2023 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB157953BL

Tgt Ion:264 Resp: 1512394

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.1	25.7
265	22.6	16.0	24.0

