

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060281.D
 Acq On : 5 Jan 2024 22:00
 Operator : MA/JU
 Sample : P1040-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 00:47:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

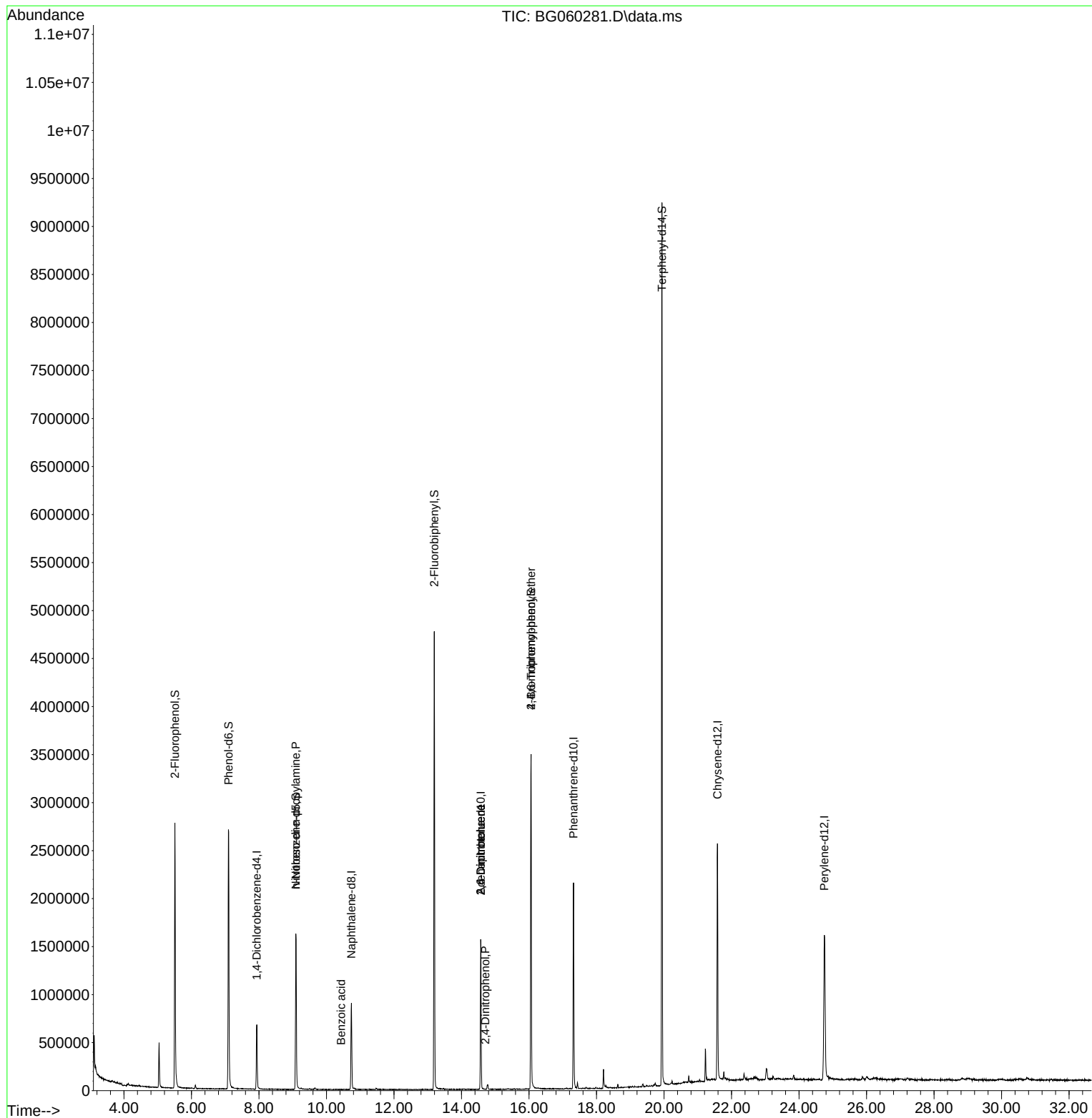
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	219456	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	822856	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	560630	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	1469208	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1506873	20.000	ng	0.00
86) Perylene-d12	24.750	264	1707201	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1375403	94.595	ng	0.00
7) Phenol-d6	7.094	99	1955057	90.561	ng	0.00
23) Nitrobenzene-d5	9.092	82	1142674	64.142	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	788217	105.031	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	2666368	68.355	ng	0.00
79) Terphenyl-d14	19.938	244	4439814	56.644	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.092	70	133675	9.064	ng	# 88
32) Benzoic acid	10.431	122	66	10.277	ng	# 87
51) 2,6-Dinitrotoluene	14.568	165	78265	8.693	ng	# 30
54) 2,4-Dinitrophenol	14.703	184	87	8.251	ng	# 25
57) 2,4-Dinitrotoluene	14.568	165	78265	6.393	ng	# 27
67) 4-Bromophenyl-phenylether	16.060	248	46692	2.998	ng	# 1

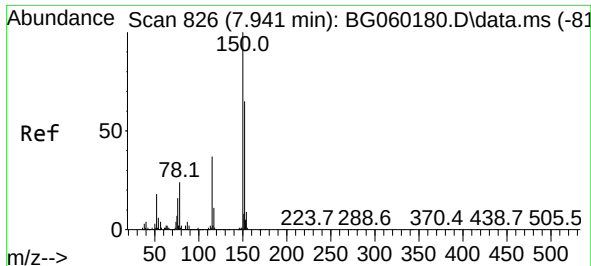
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060281.D
Acq On : 5 Jan 2024 22:00
Operator : MA/JU
Sample : P1040-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

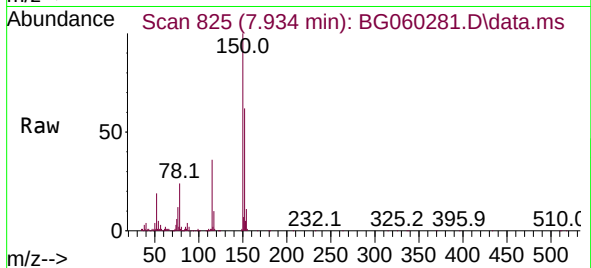
Quant Time: Jan 06 00:47:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



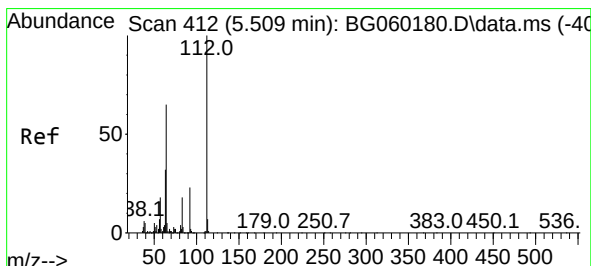
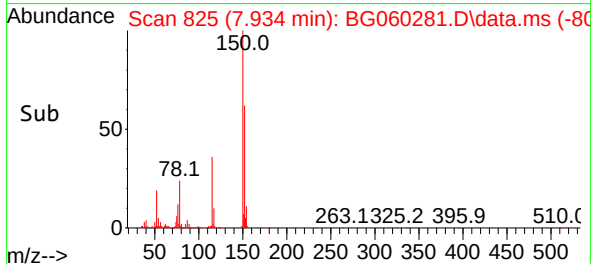
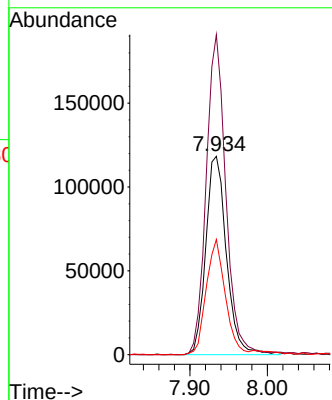


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Instrument :
BNA_G
ClientSampleId :

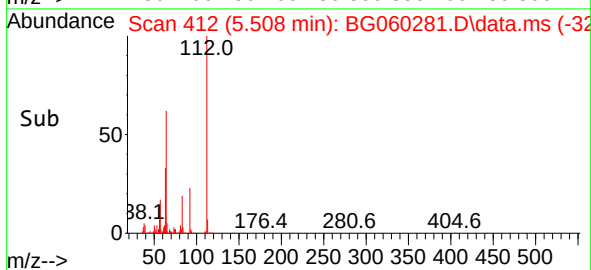
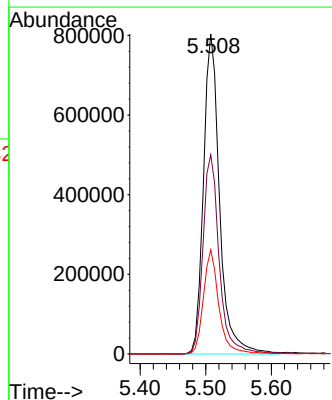
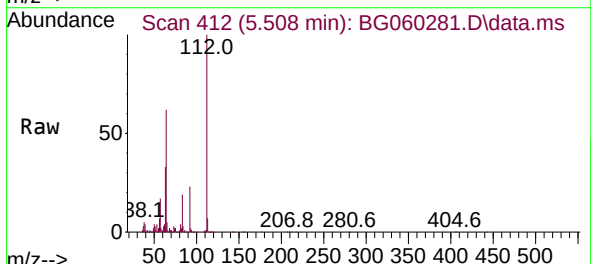


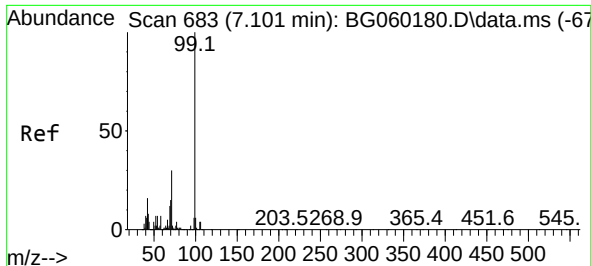
Tgt Ion:152 Resp: 219456
Ion Ratio Lower Upper
152 100
150 161.3 123.4 185.0
115 58.1 45.4 68.0



#5
2-Fluorophenol
Concen: 94.595 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:112 Resp: 1375403
Ion Ratio Lower Upper
112 100
64 62.2 52.2 78.4
63 32.5 25.4 38.0

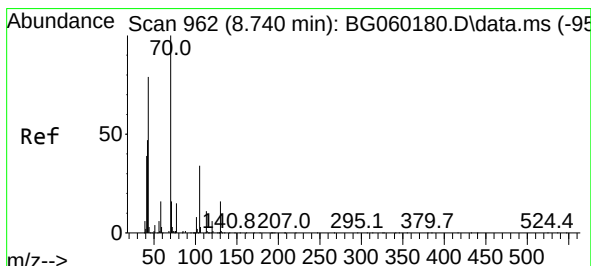
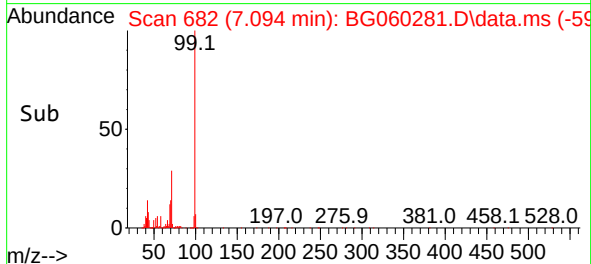
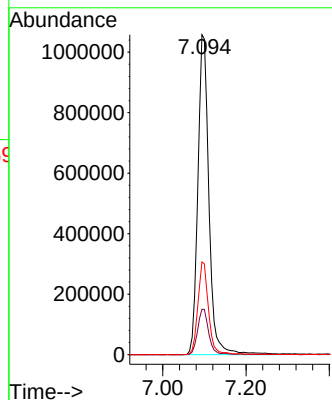
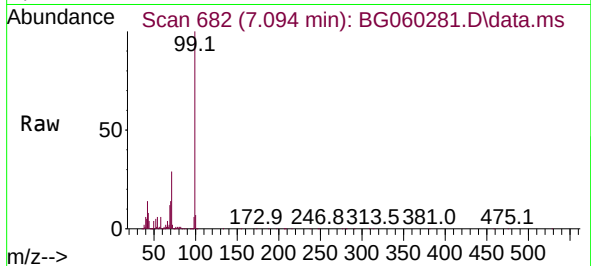




#7
Phenol-d6
Concen: 90.561 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

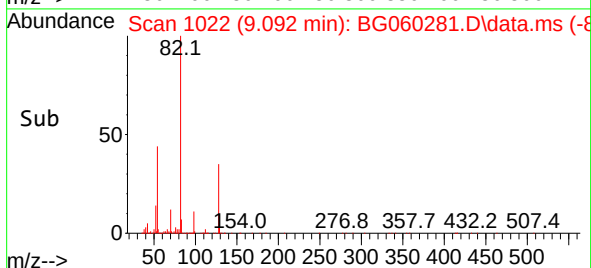
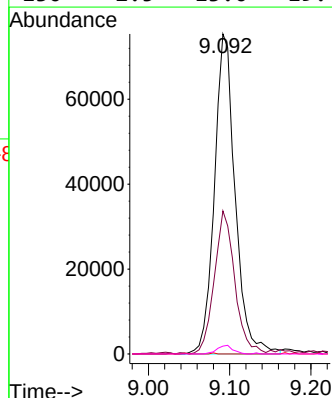
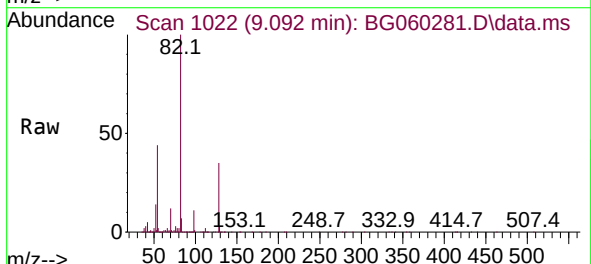
Instrument :
BNA_G
ClientSampleId :

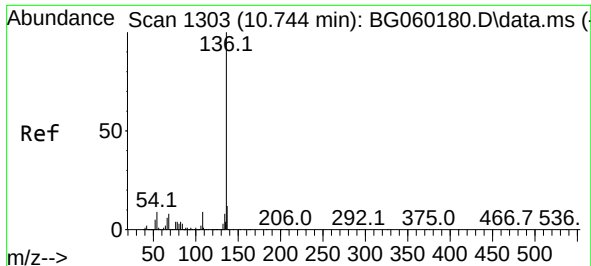
Tgt Ion: 99 Resp: 1955057
Ion Ratio Lower Upper
99 100
42 14.2 12.5 18.7
71 29.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.064 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.351 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion: 70 Resp: 133675
Ion Ratio Lower Upper
70 100
42 44.7 37.9 56.9
101 0.0 6.2 9.2#
130 2.5 13.0 19.4#

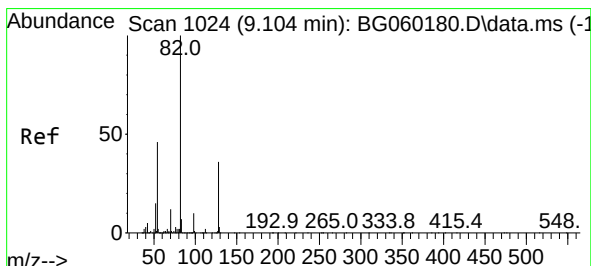
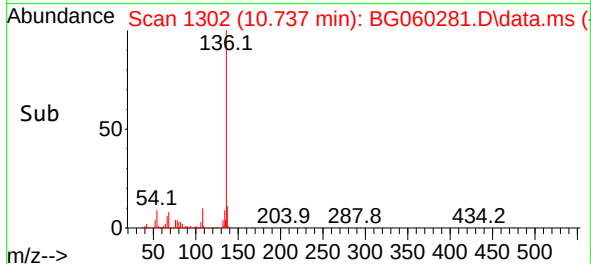
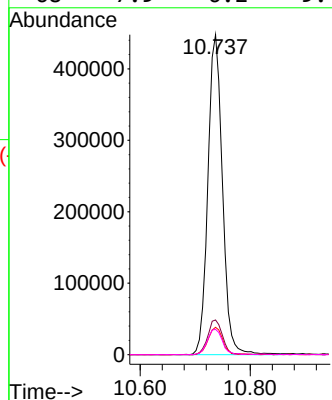
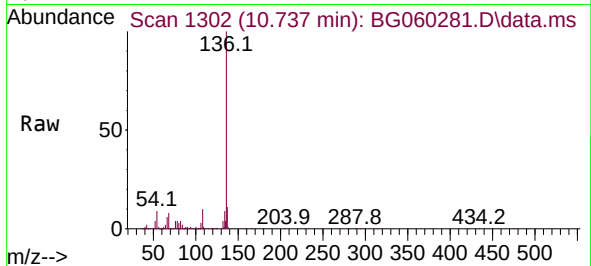




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

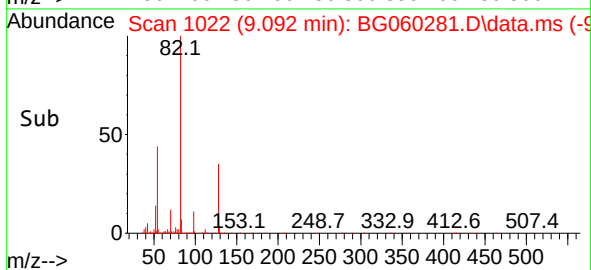
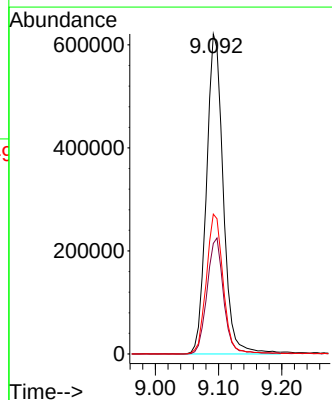
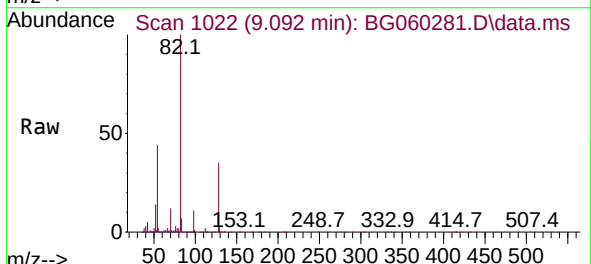
Instrument :
BNA_G
ClientSampleId :

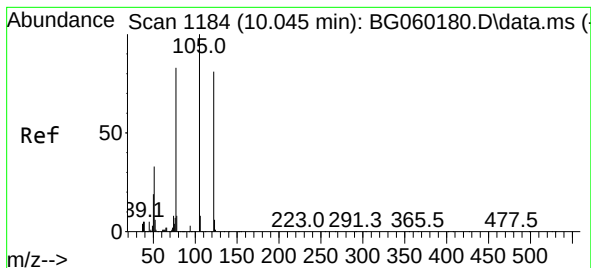
Tgt Ion:136 Resp: 822856
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.6 7.4 11.2
68 7.9 6.2 9.4



#23
Nitrobenzene-d5
Concen: 64.142 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.013 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion: 82 Resp: 1142674
Ion Ratio Lower Upper
82 100
128 34.6 28.7 43.1
54 43.7 36.9 55.3

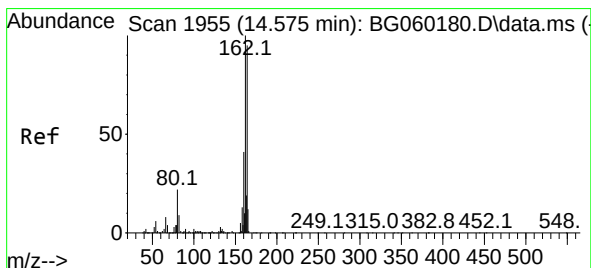
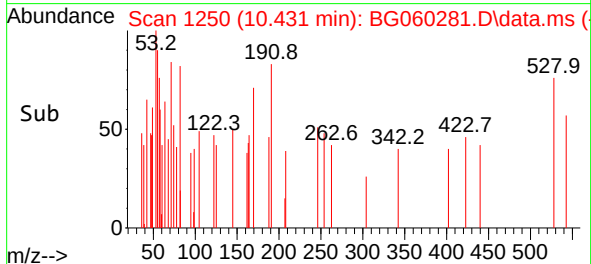
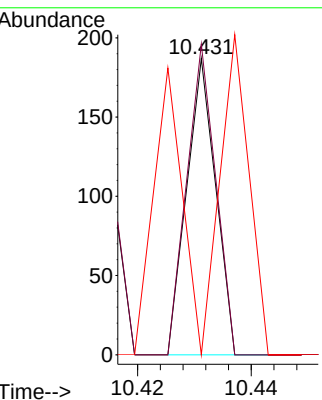
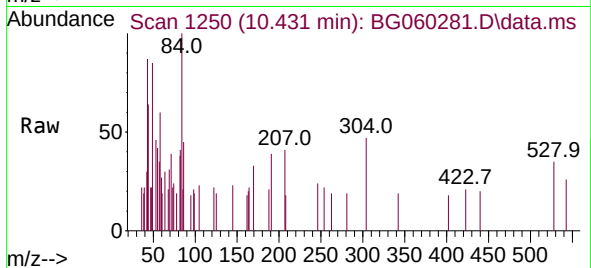




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.431 min Scan# 1184
Delta R.T. 0.386 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

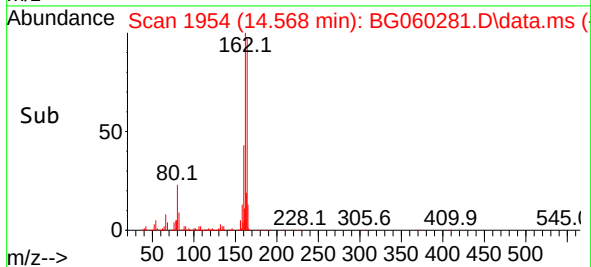
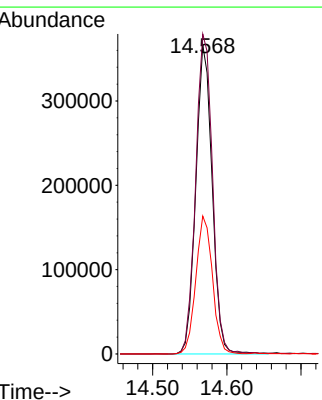
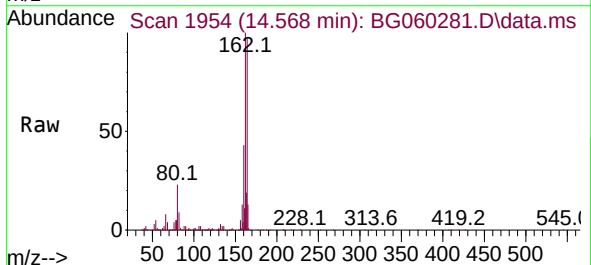
Instrument :
BNA_G
ClientSampleId :

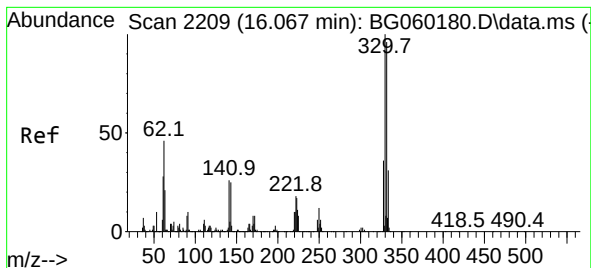
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 104.8 99.2 139.2
77 88.2 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:164 Resp: 560630
Ion Ratio Lower Upper
164 100
162 103.6 83.9 125.9
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.031 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Instrument :

BNA_G

ClientSampleId :

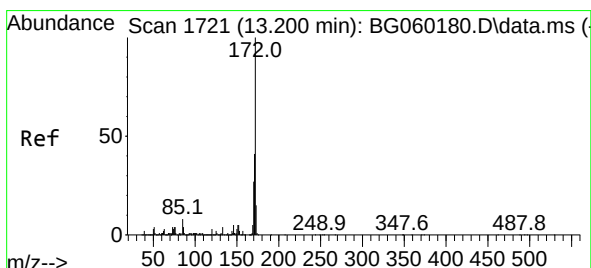
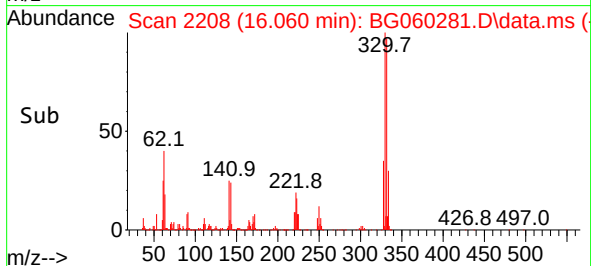
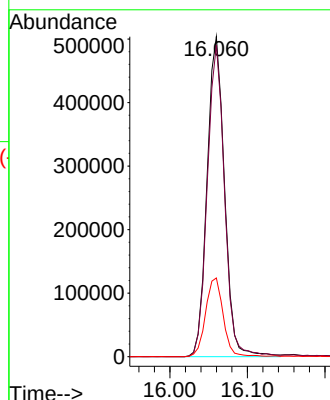
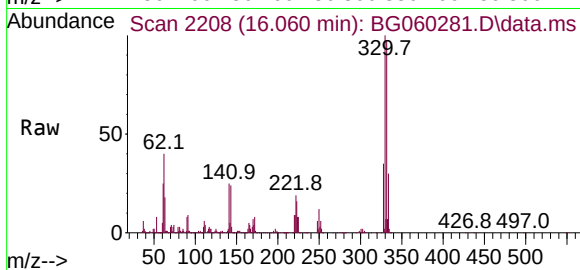
Tgt Ion:330 Resp: 788217

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

141 24.8 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 68.355 ng

RT: 13.193 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

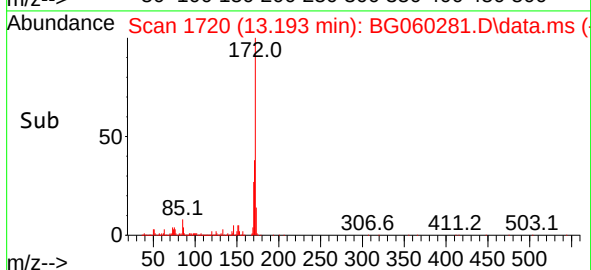
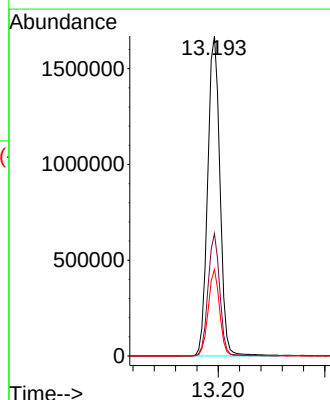
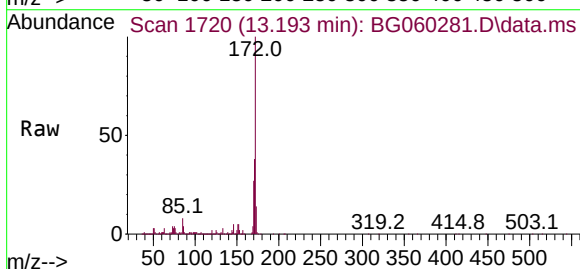
Tgt Ion:172 Resp: 2666368

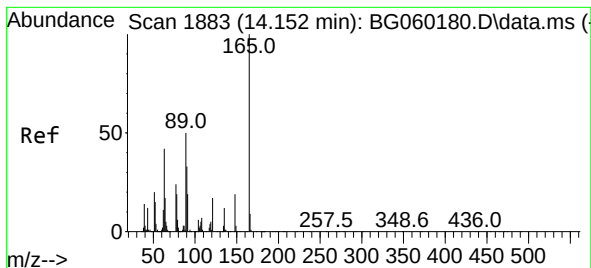
Ion Ratio Lower Upper

172 100

171 38.2 32.6 48.8

170 27.0 21.8 32.6

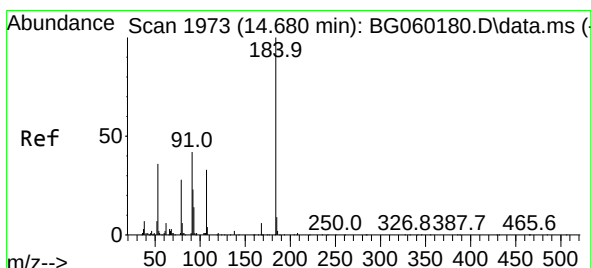
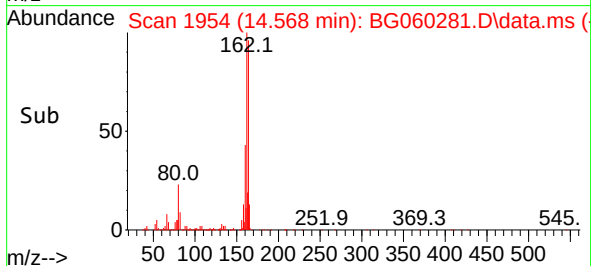
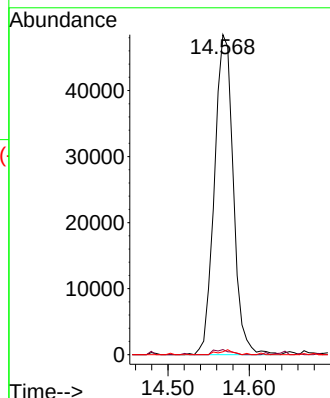
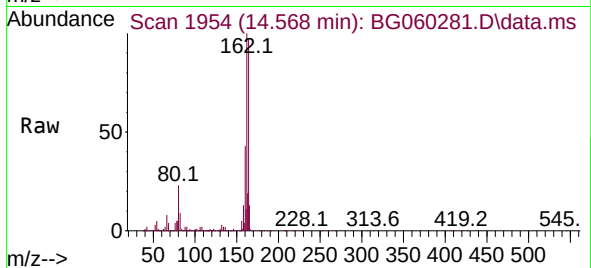




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.416 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

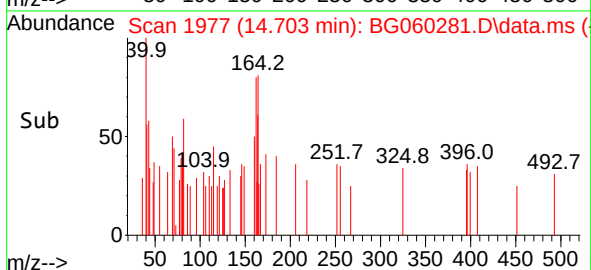
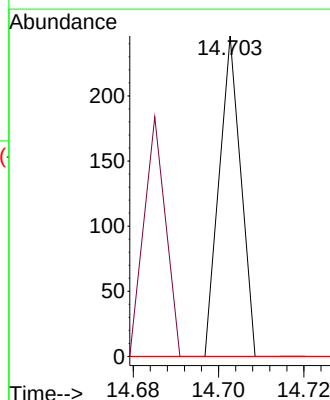
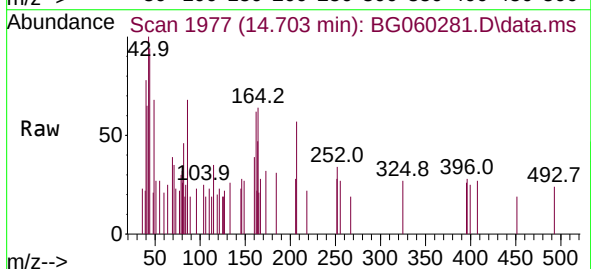
Instrument :
BNA_G
ClientSampleId :

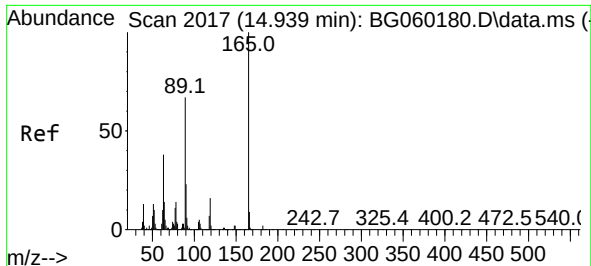
Tgt Ion:165 Resp: 78265
Ion Ratio Lower Upper
165 100
63 1.6 39.3 58.9#
89 0.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.251 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.023 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

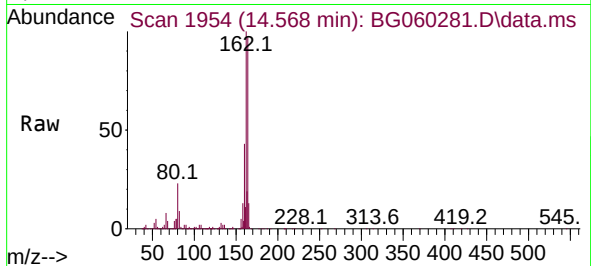
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



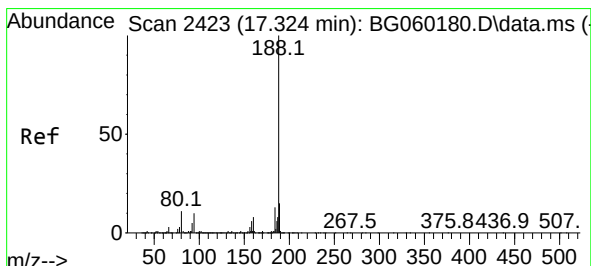
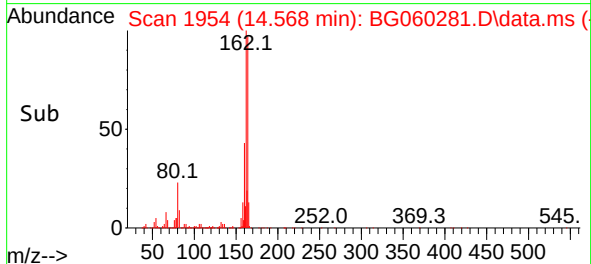
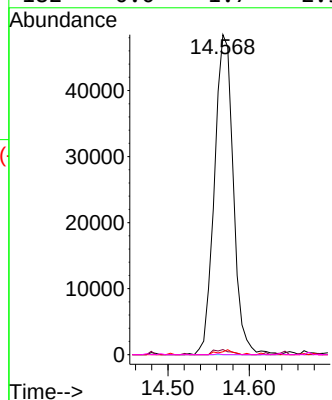


#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.371 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Instrument :
BNA_G
ClientSampleId :

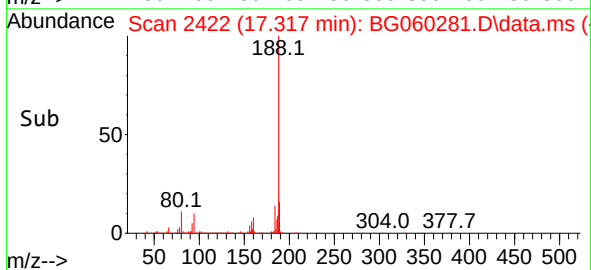
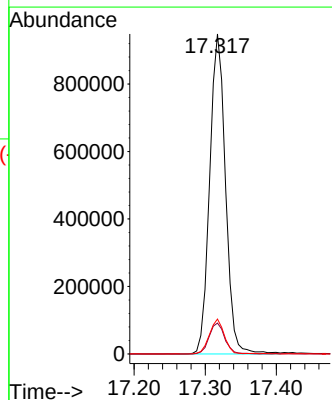
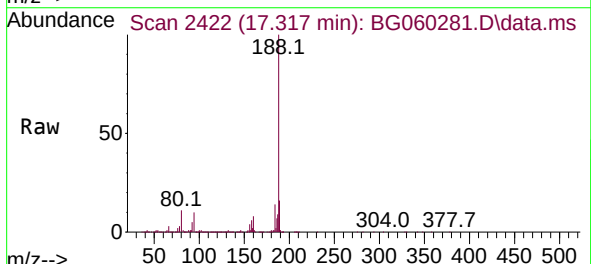


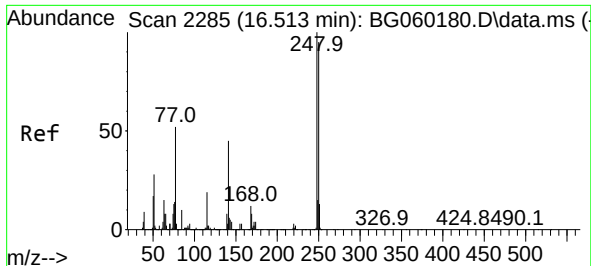
Tgt Ion:165 Resp: 78265
Ion Ratio Lower Upper
165 100
63 1.6 31.0 46.6#
89 0.9 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

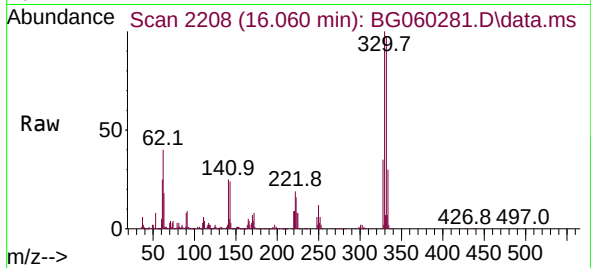
Tgt Ion:188 Resp: 1469208
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.9 8.6 13.0



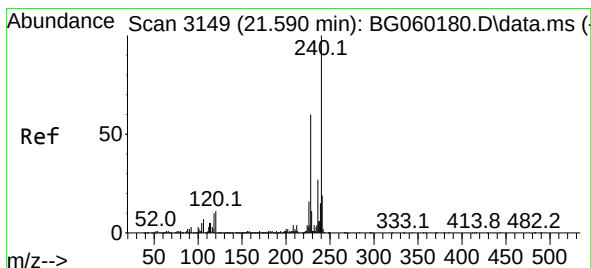
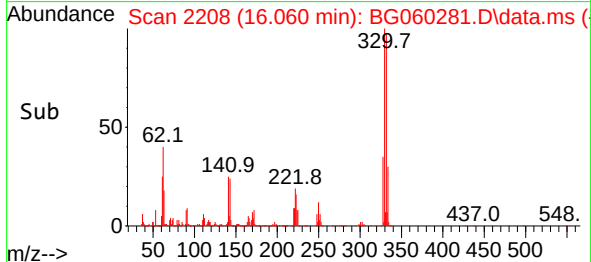
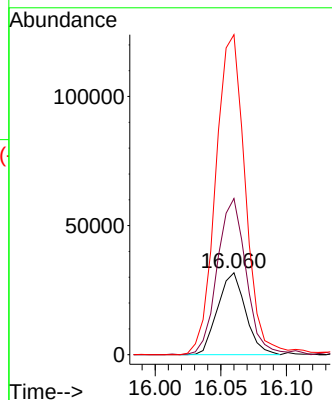


#67
4-Bromophenyl-phenylether
Concen: 2.998 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Instrument :
BNA_G
ClientSampleId :

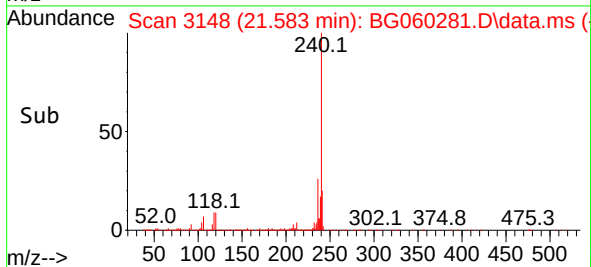
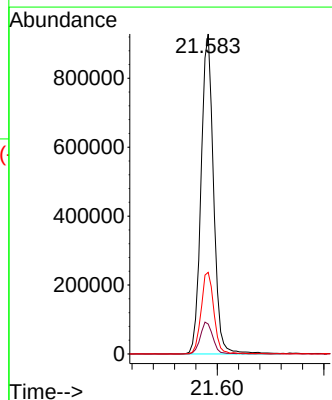
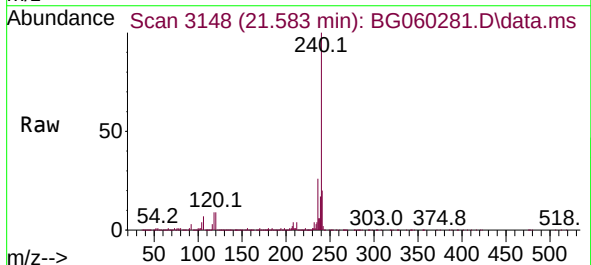


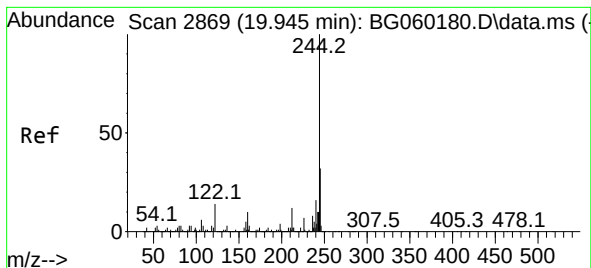
Tgt Ion:248 Resp: 46692
Ion Ratio Lower Upper
248 100
250 190.7 76.2 114.4#
141 390.8 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:240 Resp: 1506873
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 56.644 ng

RT: 19.938 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Instrument :

BNA_G

ClientSampleId :

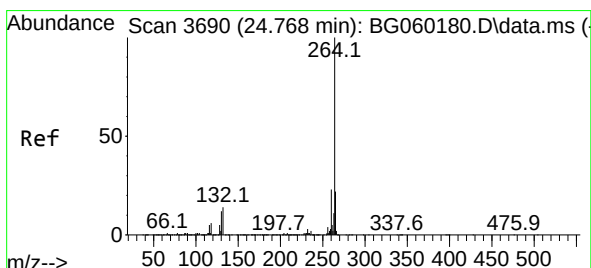
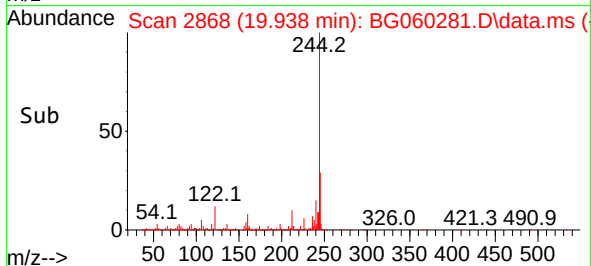
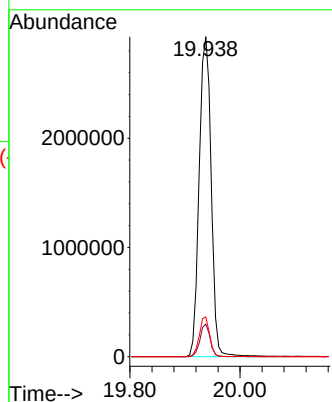
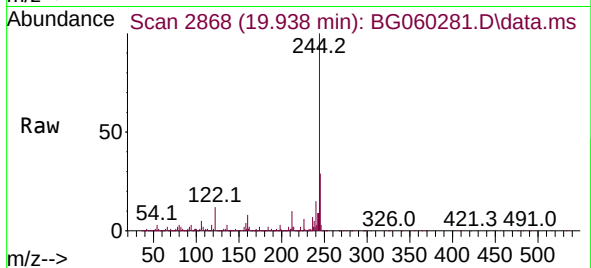
Tgt Ion:244 Resp: 4439814

Ion Ratio Lower Upper

244 100

212 10.2 9.5 14.3

122 12.4 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.750 min Scan# 3687

Delta R.T. -0.019 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Tgt Ion:264 Resp: 1707201

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 21.6 17.4 26.0

