

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060213.D
 Acq On : 3 Jan 2024 4:37
 Operator : MA/JU
 Sample : 05900-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 05:51:59 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)

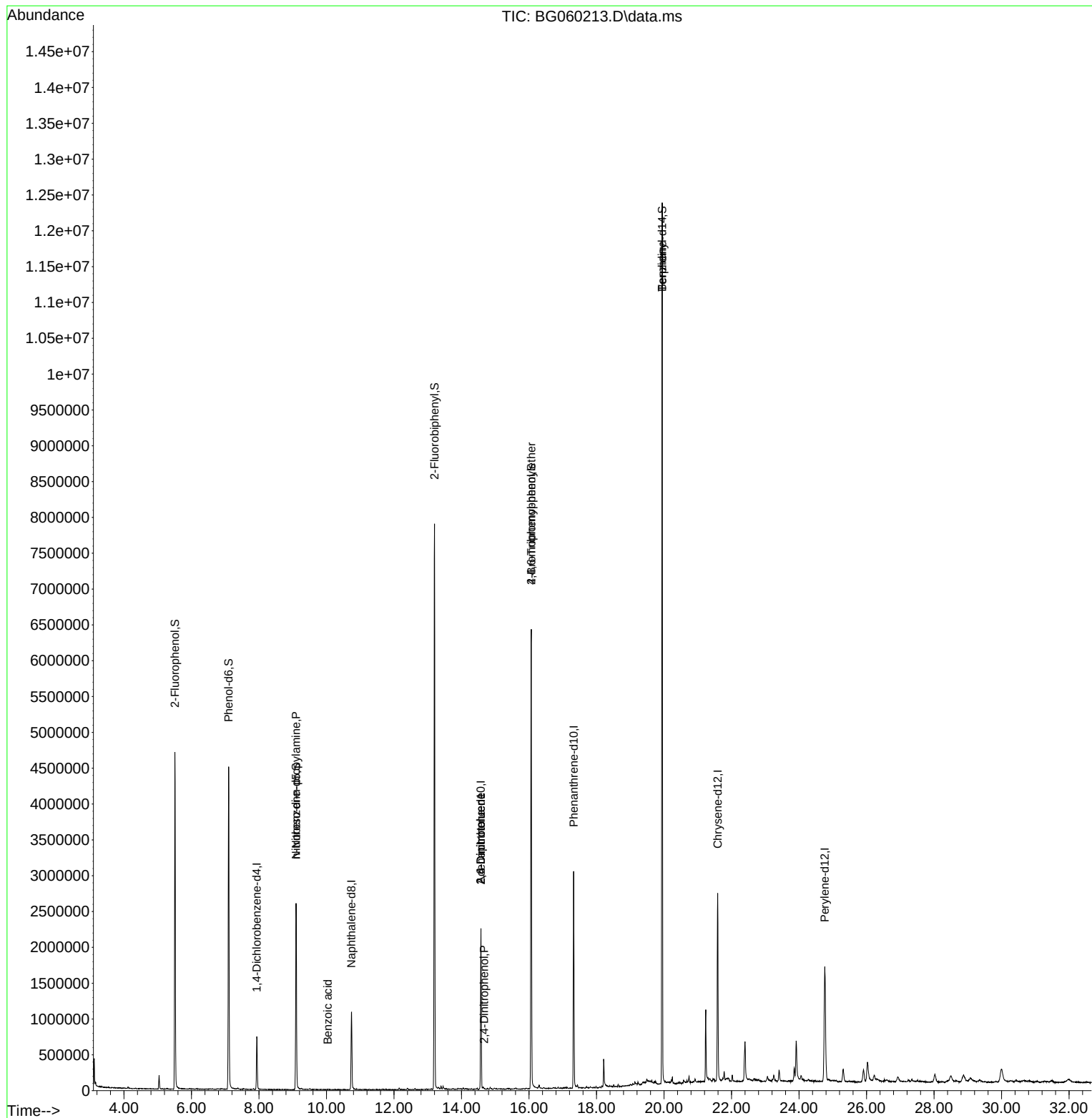
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	227630	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	992025	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	793501	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1948418	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1627022	20.000	ng	0.00
86) Perylene-d12	24.762	264	1791575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2113758	140.156	ng	0.00
7) Phenol-d6	7.100	99	2870041	128.170	ng	0.00
23) Nitrobenzene-d5	9.098	82	1754052	81.671	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1354278	127.499	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4197220	76.022	ng	0.00
79) Terphenyl-d14	19.944	244	5295238	62.569	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	214340	14.011	ng	# 85
32) Benzoic acid	10.038	122	151	10.282	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	106297	8.342	ng	# 29
54) 2,4-Dinitrophenol	14.668	184	93	8.247	ng	# 63
57) 2,4-Dinitrotoluene	14.574	165	106297	6.135	ng	# 26
67) 4-Bromophenyl-phenylether	16.066	248	80540	3.899	ng	# 1
77) Benzidine	19.944	184	92953	2.064	ng	# 91

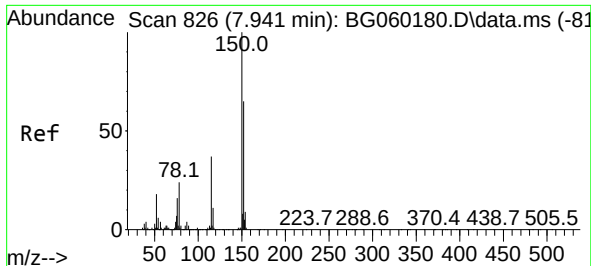
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060213.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :

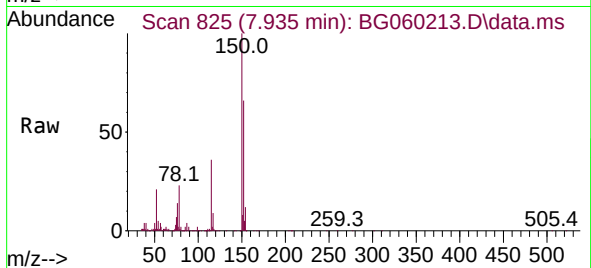
Quant Time: Jan 03 05:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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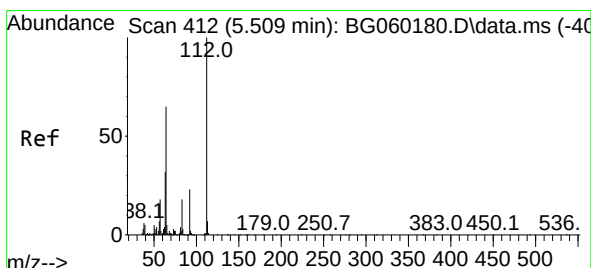
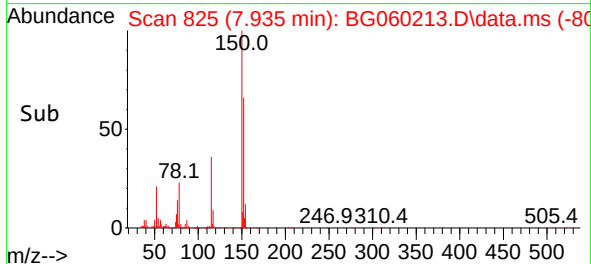
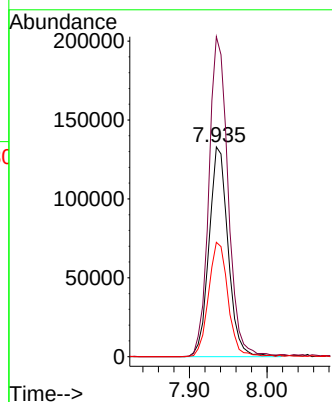


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Instrument :
BNA_G
ClientSampleId :

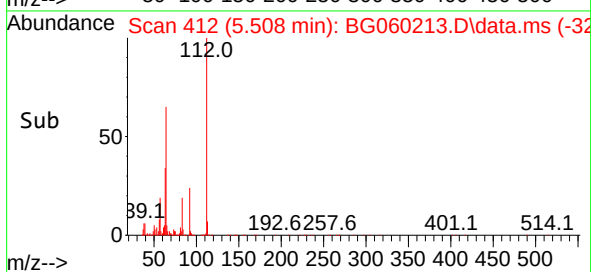
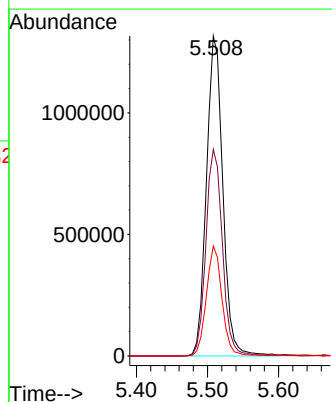
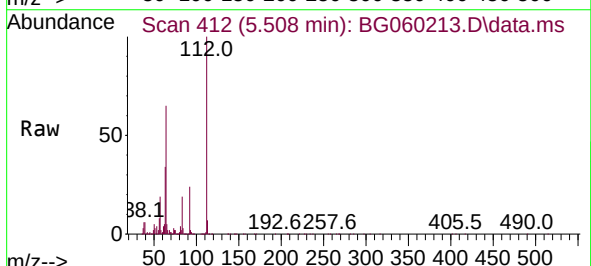


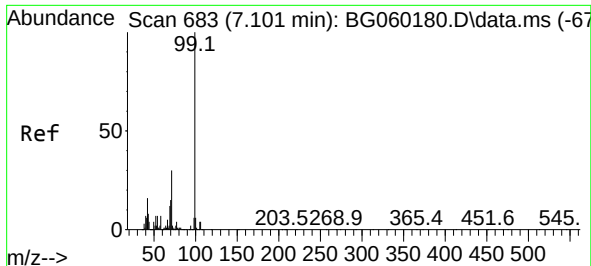
Tgt Ion:152 Resp: 227630
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.0
115 54.6 45.4 68.0



#5
2-Fluorophenol
Concen: 140.156 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:112 Resp: 2113758
Ion Ratio Lower Upper
112 100
64 64.6 52.2 78.4
63 34.3 25.4 38.0

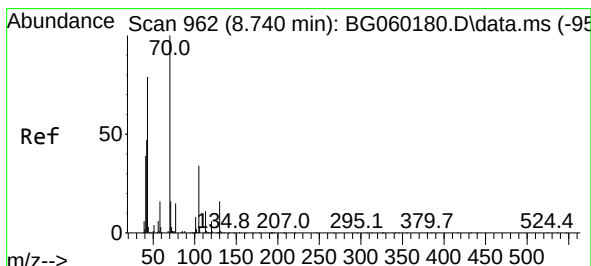
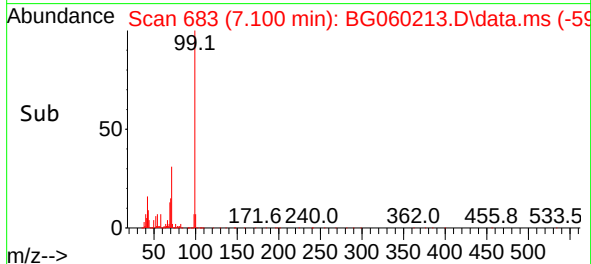
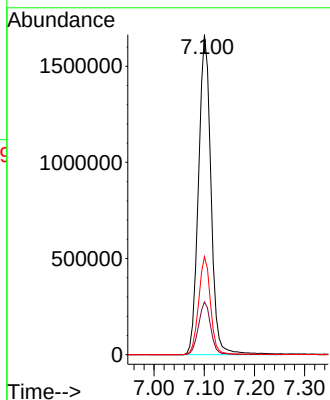
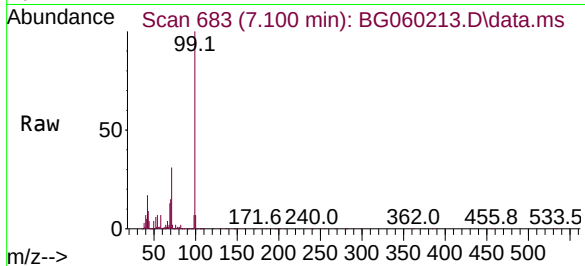




#7
Phenol-d6
Concen: 128.170 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

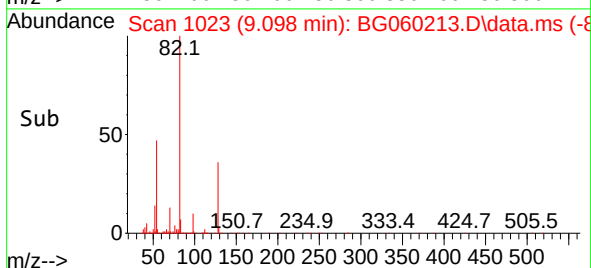
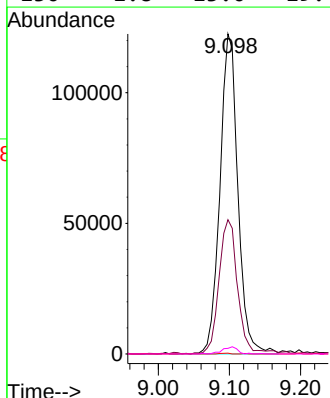
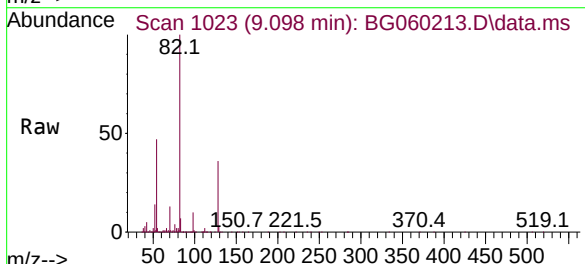
Instrument :
BNA_G
ClientSampleId :

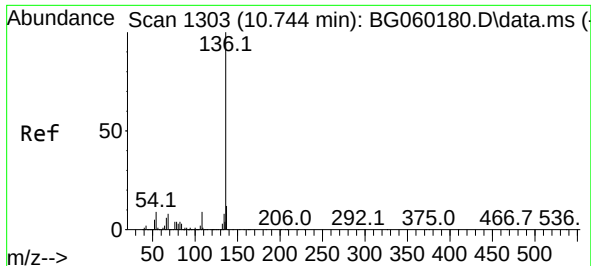
Tgt Ion: 99 Resp: 2870041
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 30.7 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.011 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion: 70 Resp: 214340
Ion Ratio Lower Upper
70 100
42 42.0 37.9 56.9
101 0.3 6.2 9.2#
130 1.8 13.0 19.4#

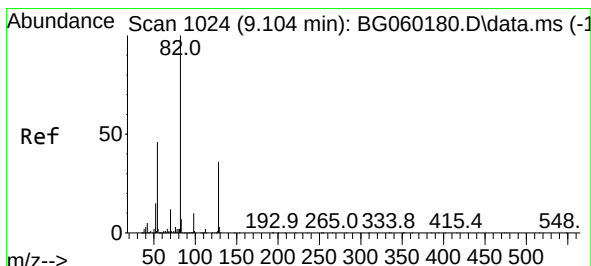
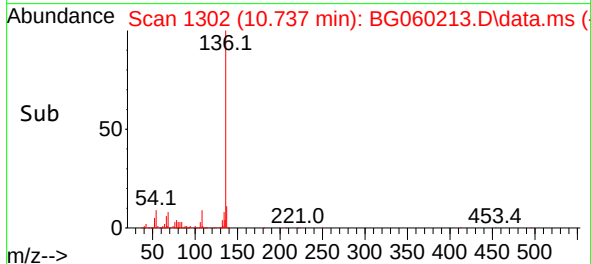
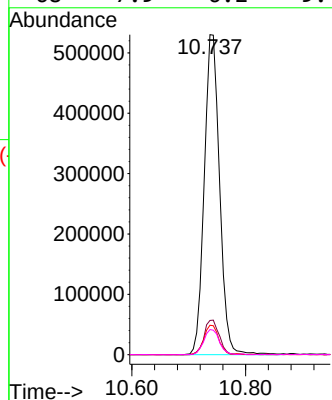
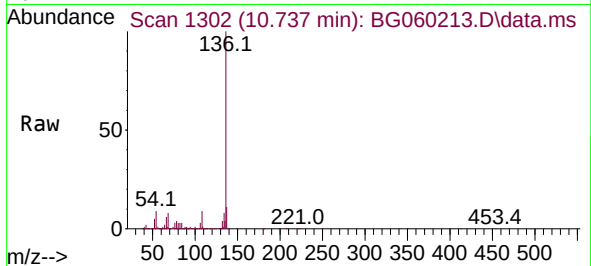




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

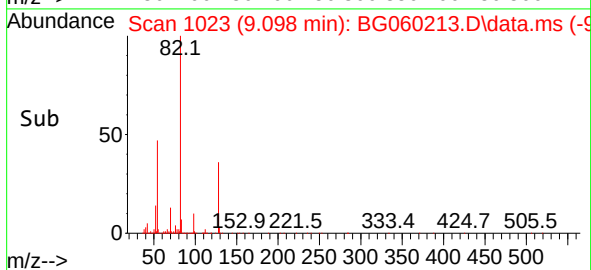
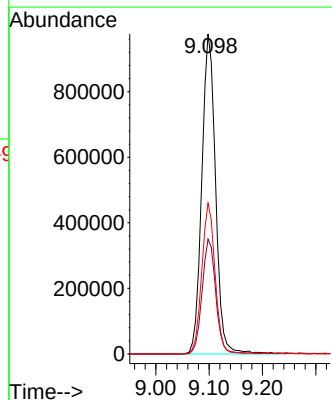
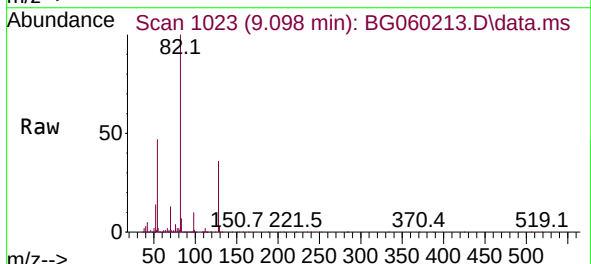
Instrument :
BNA_G
ClientSampleId :

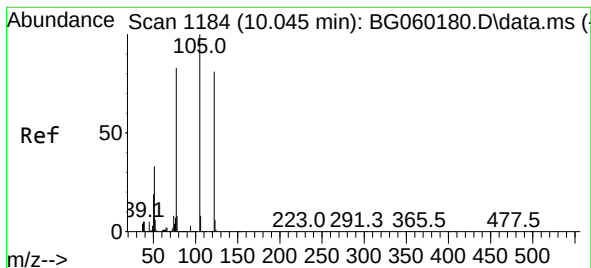
Tgt Ion:136 Resp: 992025
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 9.2 7.4 11.2
68 7.9 6.2 9.4



#23
Nitrobenzene-d5
Concen: 81.671 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion: 82 Resp: 1754052
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 47.1 36.9 55.3

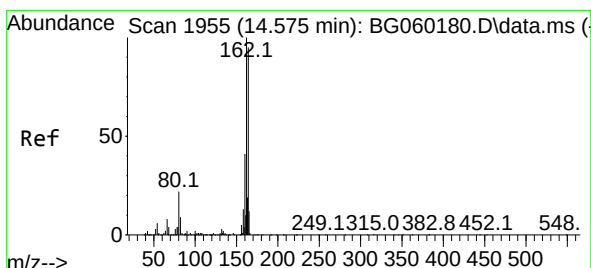
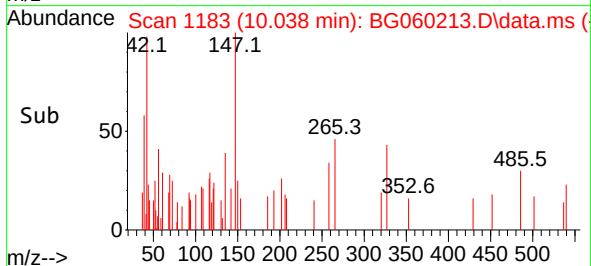
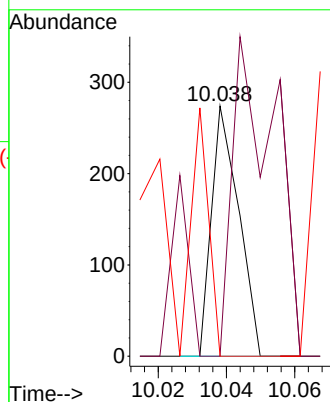
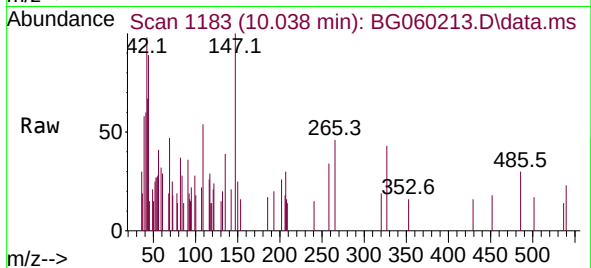




#32
Benzoic acid
Concen: 10.282 ng
RT: 10.038 min Scan# 1184
Delta R.T. -0.007 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

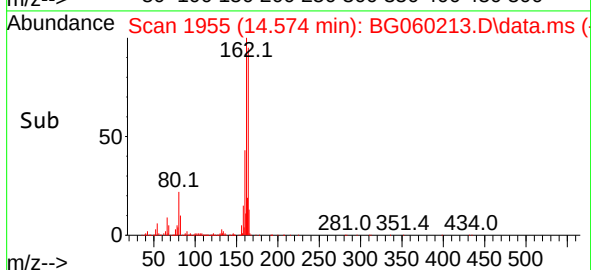
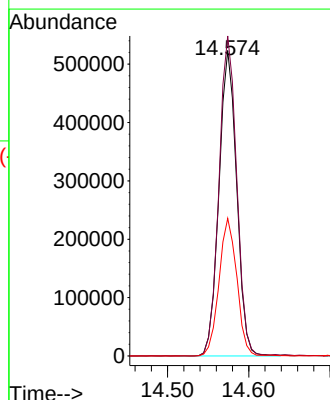
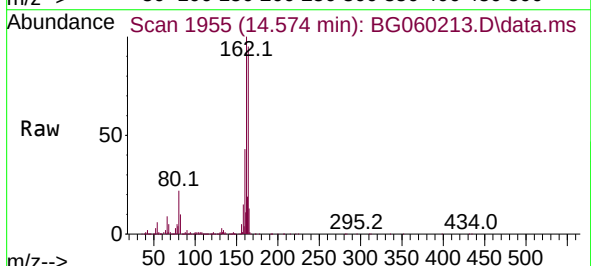
Instrument :
BNA_G
ClientSampleId :

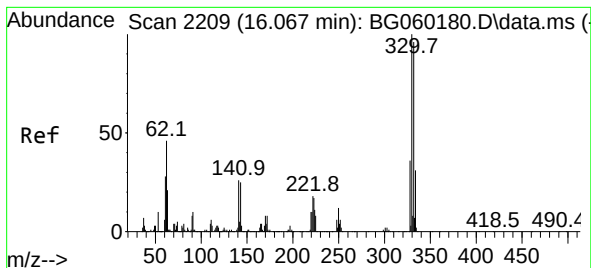
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:164 Resp: 793501
Ion Ratio Lower Upper
164 100
162 104.8 83.9 125.9
160 45.1 34.2 51.4

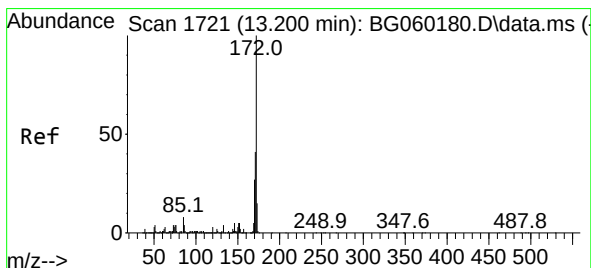
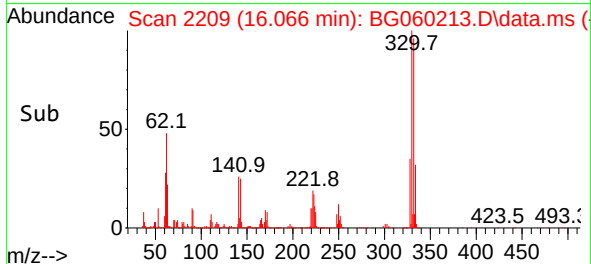
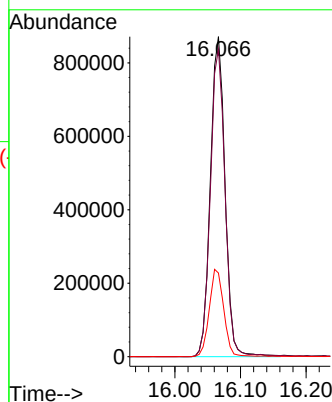
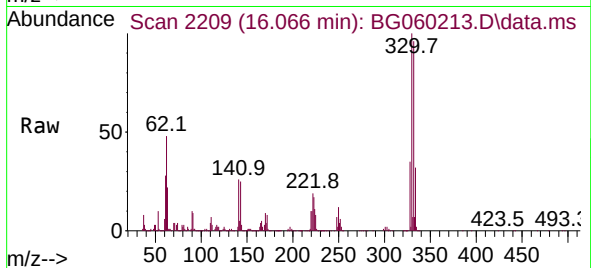




#42
2,4,6-Tribromophenol
Concen: 127.499 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

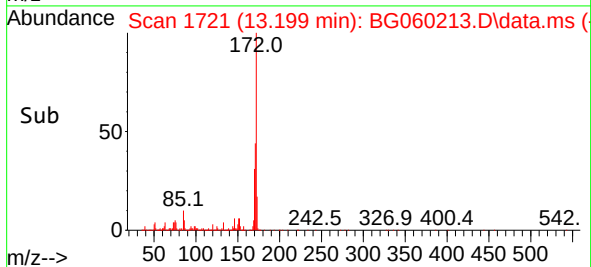
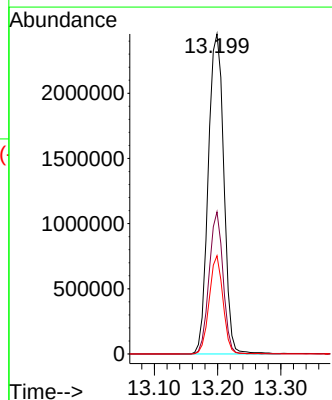
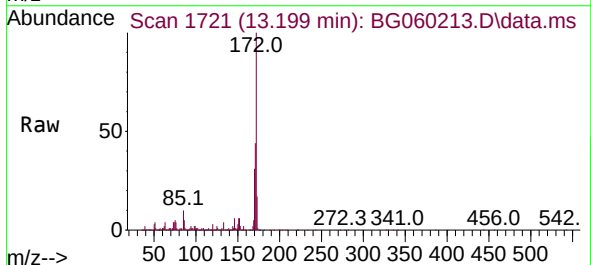
Instrument :
BNA_G
ClientSampleId :

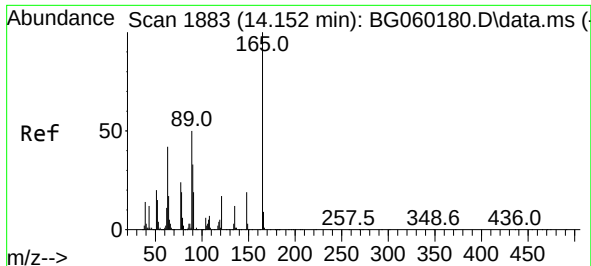
Tgt Ion:330 Resp: 1354278
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 27.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 76.022 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

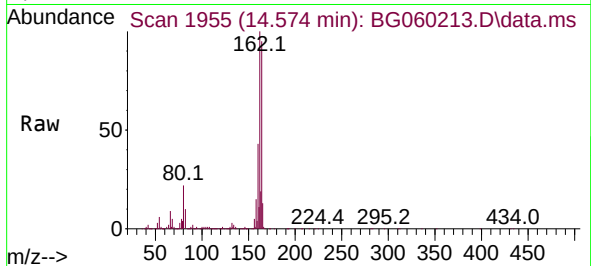
Tgt Ion:172 Resp: 4197220
Ion Ratio Lower Upper
172 100
171 44.4 32.6 48.8
170 30.7 21.8 32.6



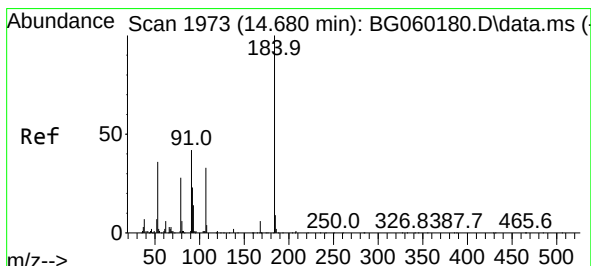
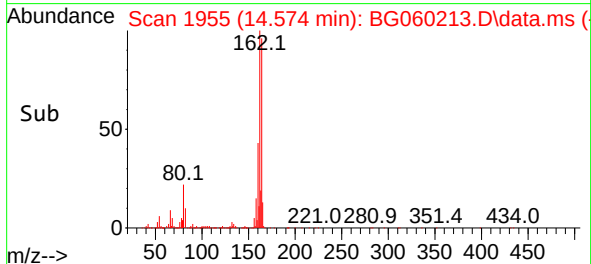
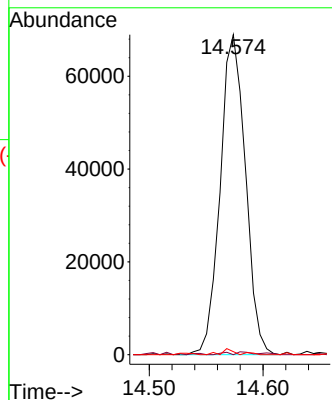


#51
2,6-Dinitrotoluene
Concen: 8.342 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Instrument :
BNA_G
ClientSampleId :

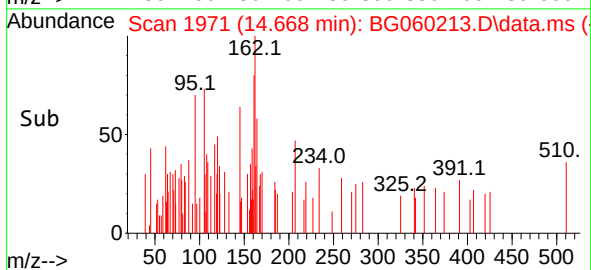
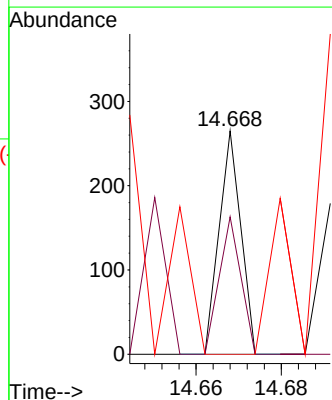
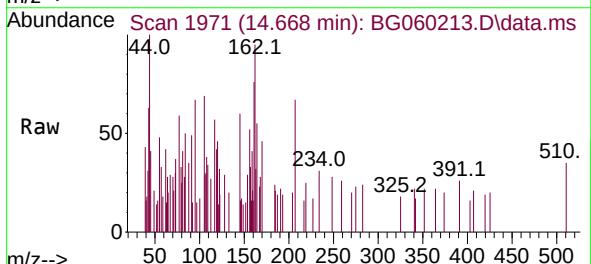


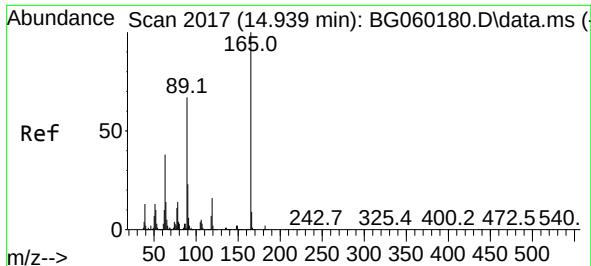
Tgt Ion:165 Resp: 106297
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 1.0 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.247 ng
RT: 14.668 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:184 Resp: 93
Ion Ratio Lower Upper
184 100
63 61.5 45.4 68.2
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.135 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.365 min

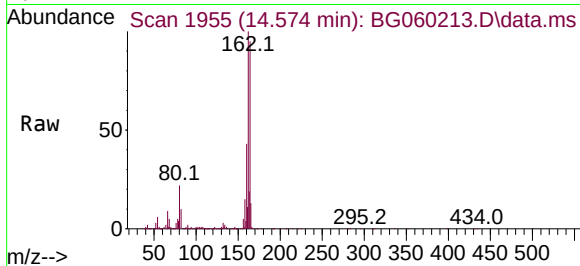
Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 106297

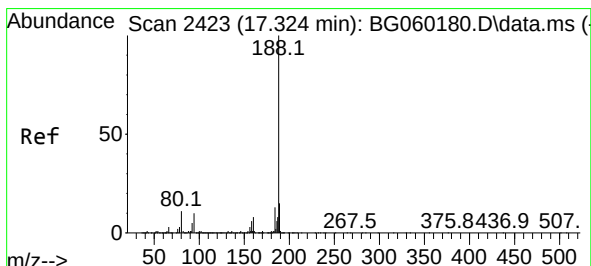
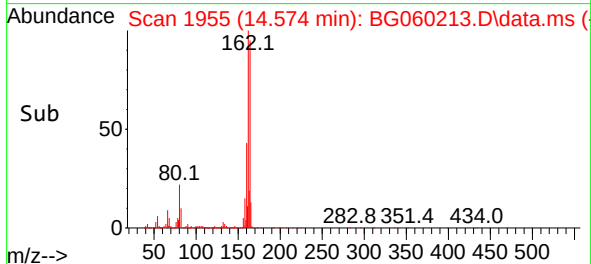
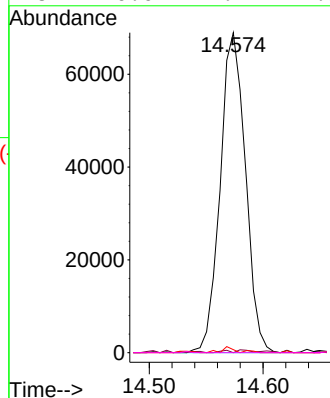
Ion Ratio Lower Upper

165 100

63 0.0 31.0 46.6#

89 1.0 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

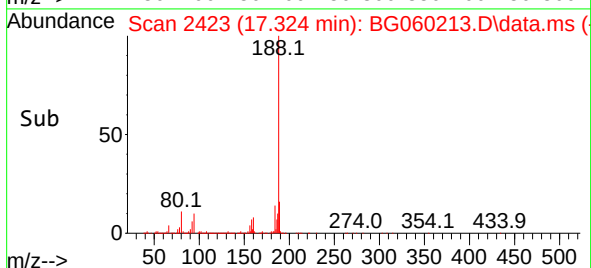
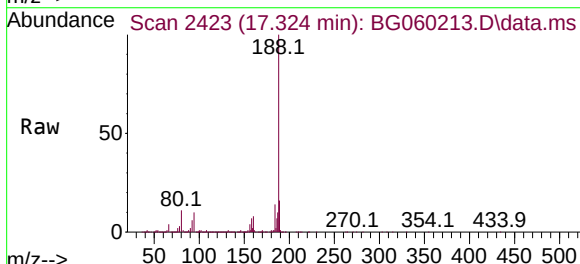
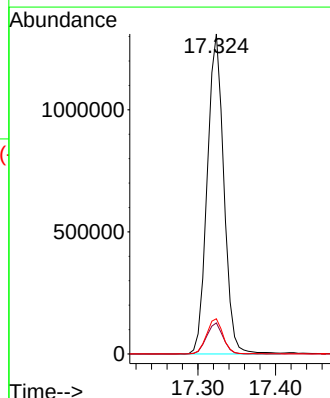
Tgt Ion:188 Resp: 1948418

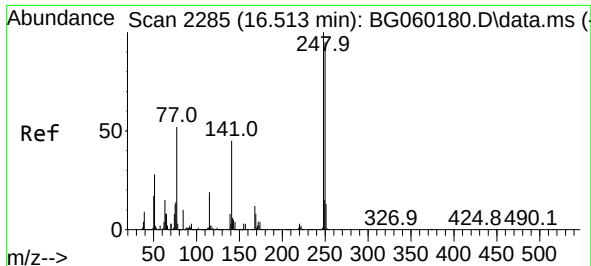
Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

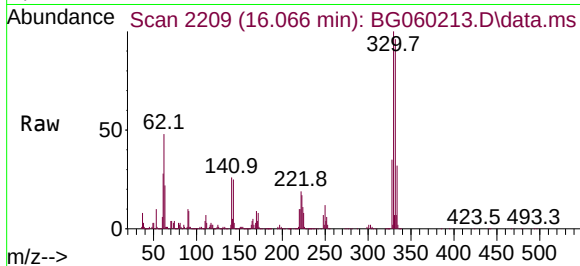
80 11.0 8.6 13.0



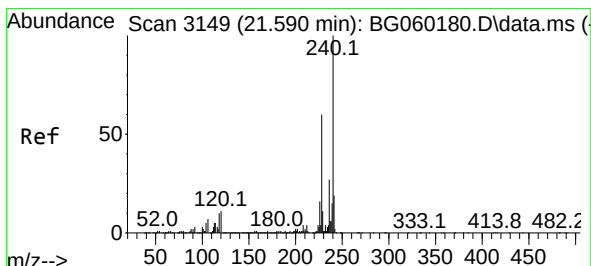
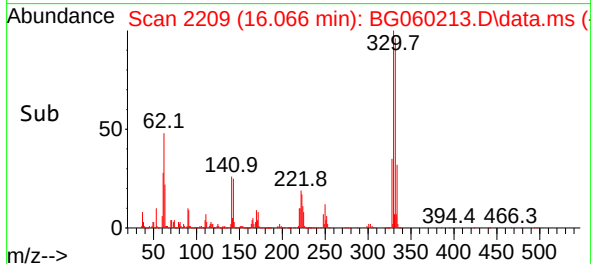
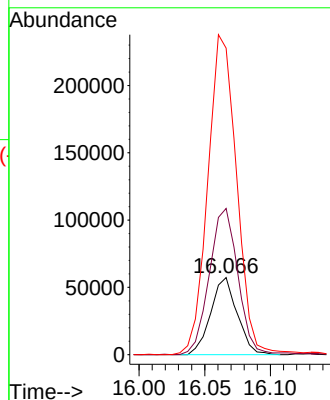


#67
4-Bromophenyl-phenylether
Concen: 3.899 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Instrument :
BNA_G
ClientSampleId :

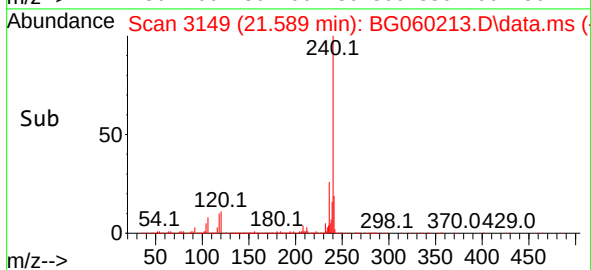
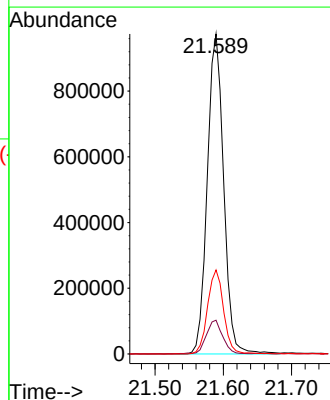
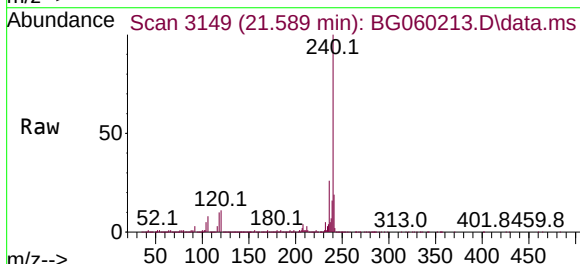


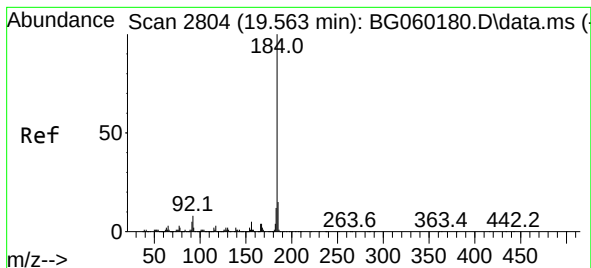
Tgt Ion:248 Resp: 80540
Ion Ratio Lower Upper
248 100
250 189.4 76.2 114.4#
141 397.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:240 Resp: 1627022
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 26.2 21.4 32.2





#77

Benzidine

Concen: 2.064 ng

RT: 19.944 min Scan# 2869

Delta R.T. 0.381 min

Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

Instrument :

BNA_G

ClientSampleId :

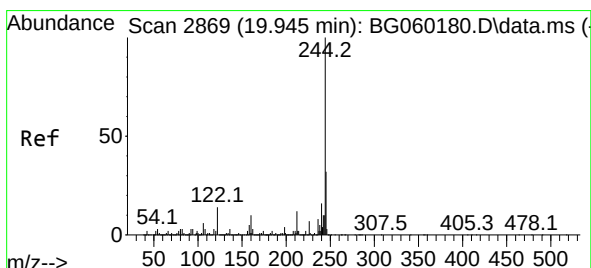
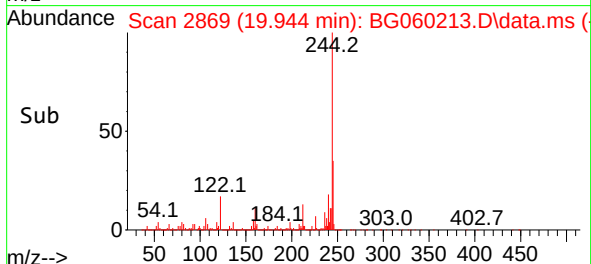
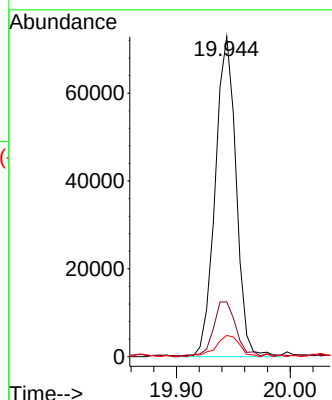
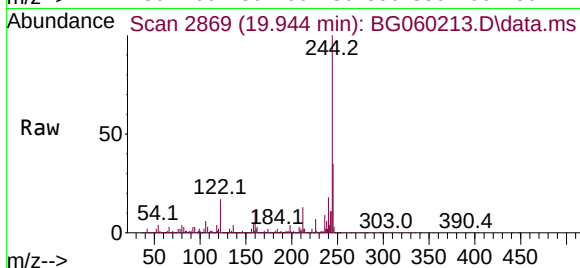
Tgt Ion:184 Resp: 92953

Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

183 6.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 62.569 ng

RT: 19.944 min Scan# 2869

Delta R.T. -0.001 min

Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

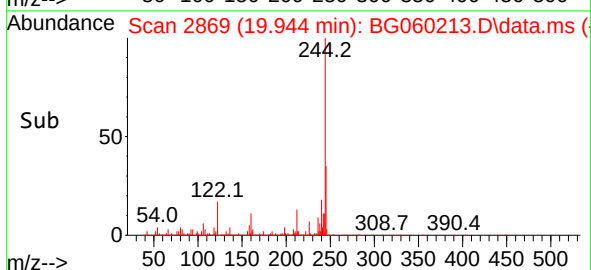
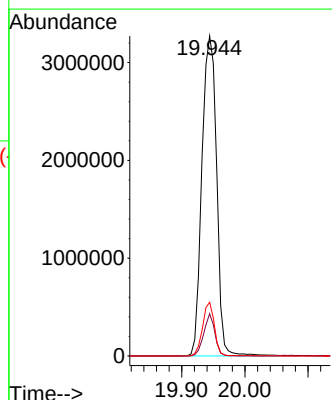
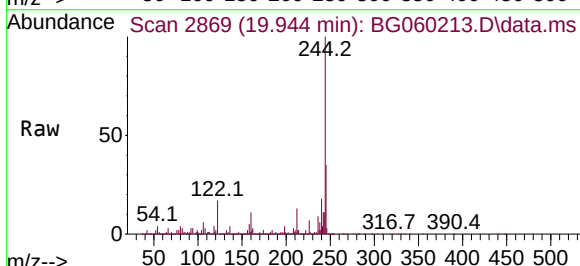
Tgt Ion:244 Resp: 5295238

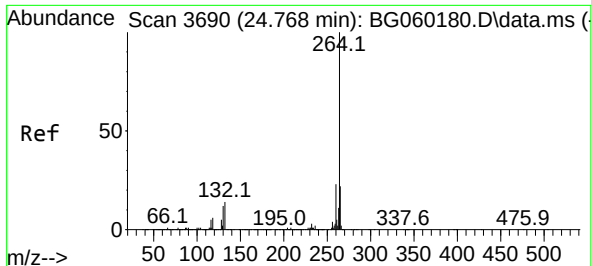
Ion Ratio Lower Upper

244 100

212 13.2 9.5 14.3

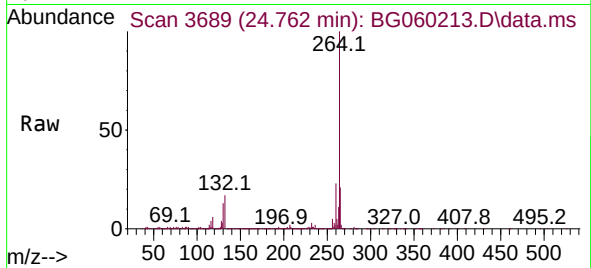
122 16.8 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 1791575

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.0	27.0
265	20.9	17.4	26.0

