

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060269.D
 Acq On : 5 Jan 2024 13:56
 Operator : MA/JU
 Sample : 05964-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 14:31:06 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)

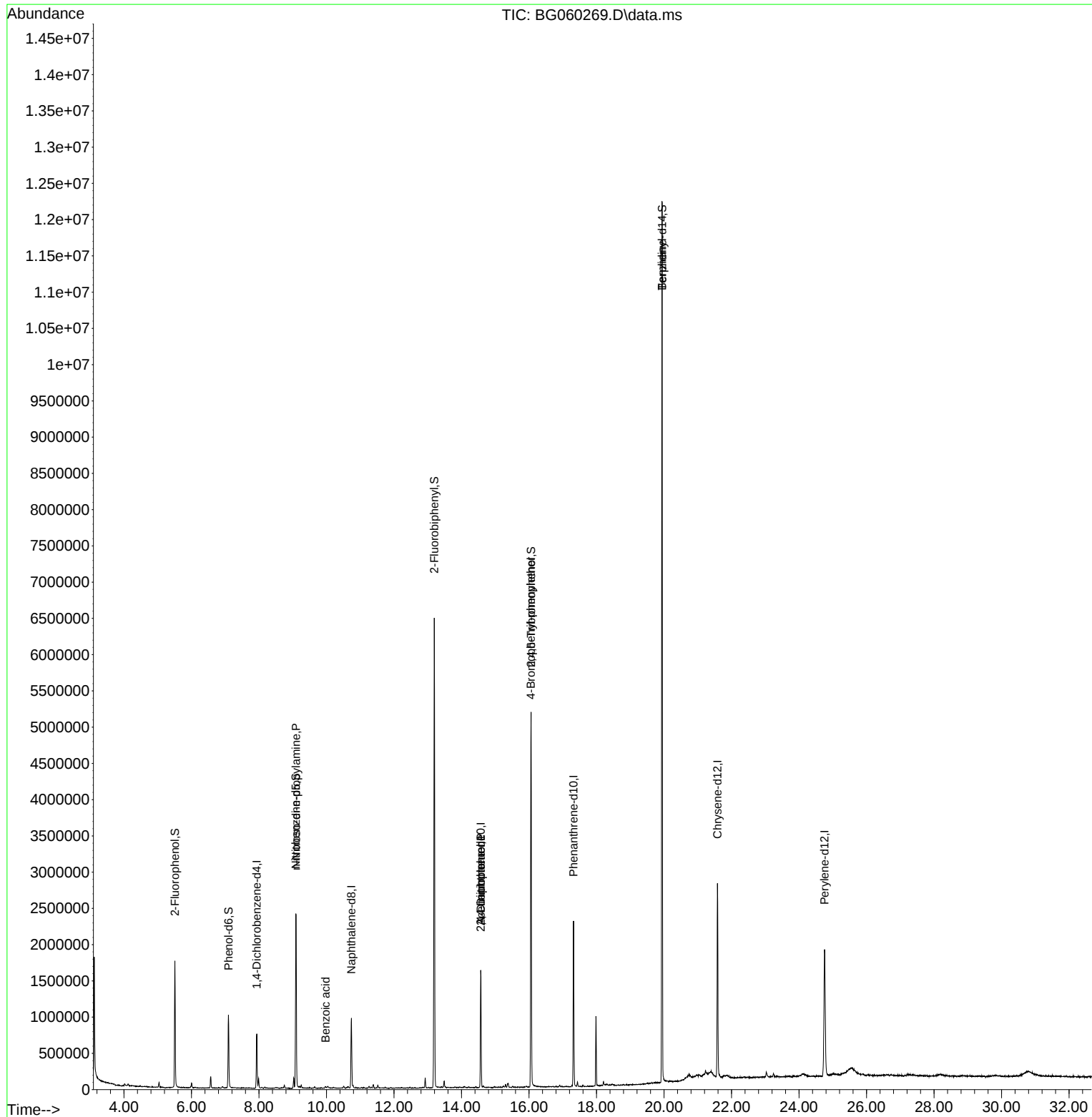
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	226699	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	856723	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	579941	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	1513329	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1610280	20.000	ng	0.00
86) Perylene-d12	24.756	264	1879525	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	844453	56.223	ng	0.00
7) Phenol-d6	7.094	99	686952	30.804	ng	0.00
23) Nitrobenzene-d5	9.092	82	1628609	87.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	1131689	145.778	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3515847	87.131	ng	0.00
79) Terphenyl-d14	19.944	244	5563810	66.426	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.098	70	200661	13.171	ng	# 84
32) Benzoic acid	9.973	122	6438	10.874	ng	94
54) 2,4-Dinitrophenol	14.574	184	62	8.246	ng	# 1
57) 2,4-Dinitrotoluene	14.568	165	76943	6.076	ng	# 27
67) 4-Bromophenyl-phenylether	16.054	248	69267	4.317	ng	# 1
77) Benzidine	19.944	184	103228	2.316	ng	# 92

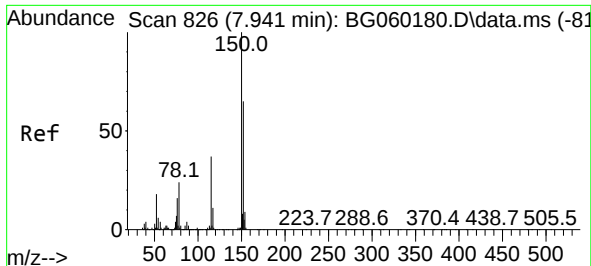
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060269.D
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BNA_G
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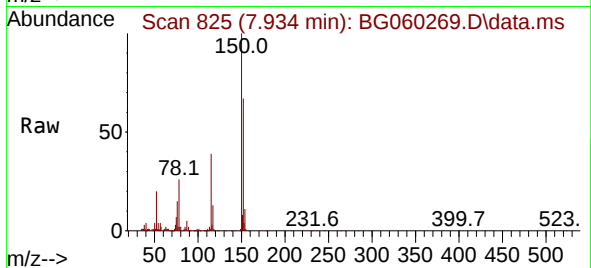
Quant Time: Jan 05 14:31:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



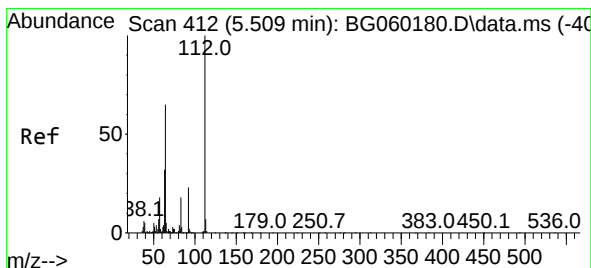
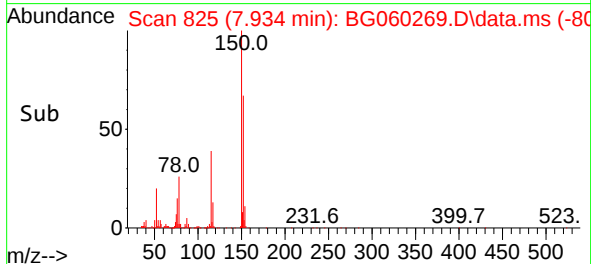
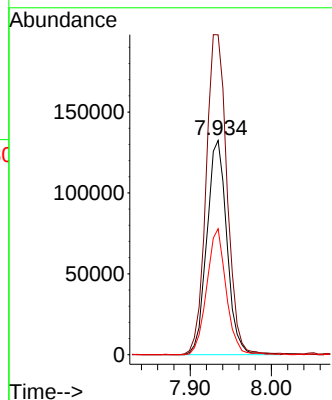


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Instrument :
BNA_G
ClientSampleId :

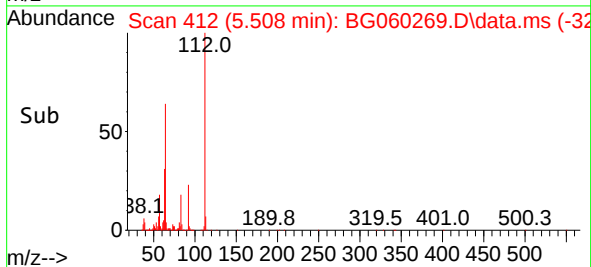
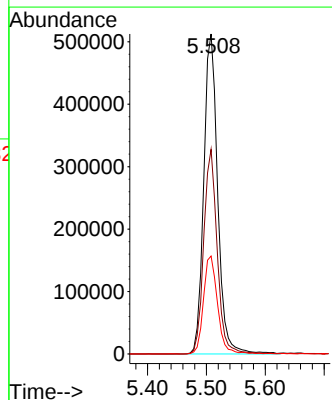
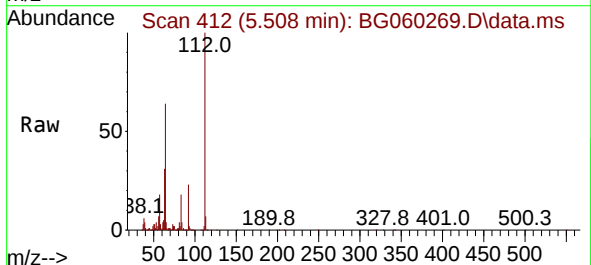


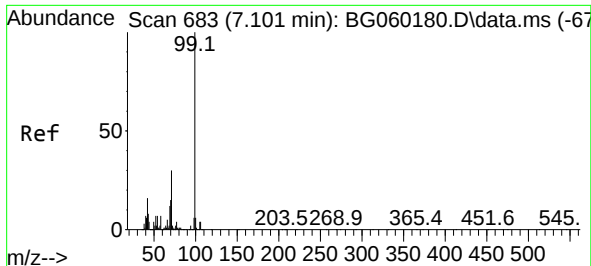
Tgt Ion:152 Resp: 226699
Ion Ratio Lower Upper
152 100
150 149.2 123.4 185.0
115 58.8 45.4 68.0



#5
2-Fluorophenol
Concen: 56.223 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion:112 Resp: 844453
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 30.6 25.4 38.0

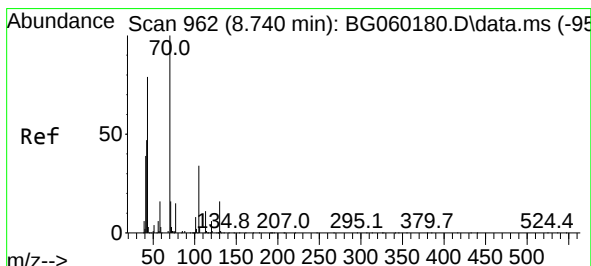
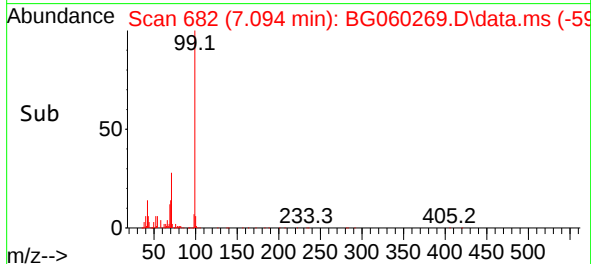
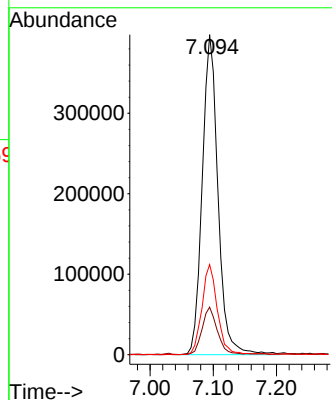
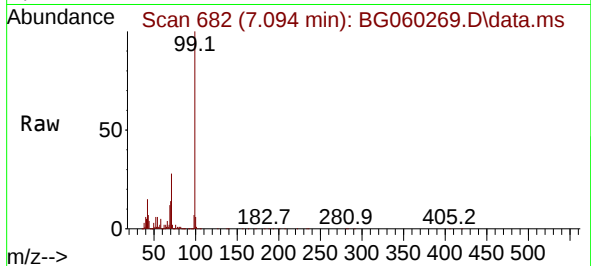




#7
Phenol-d6
Concen: 30.804 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

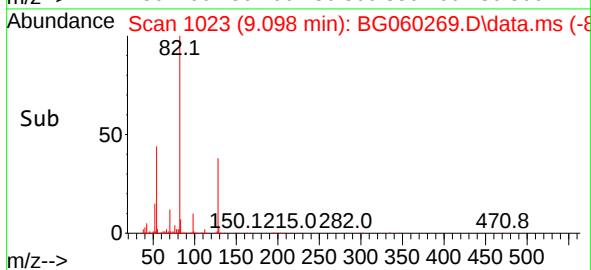
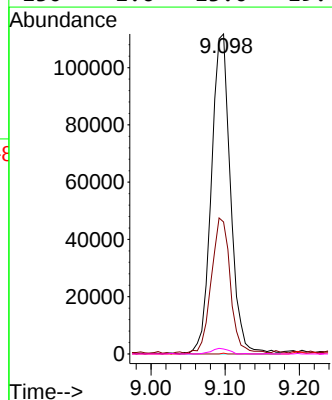
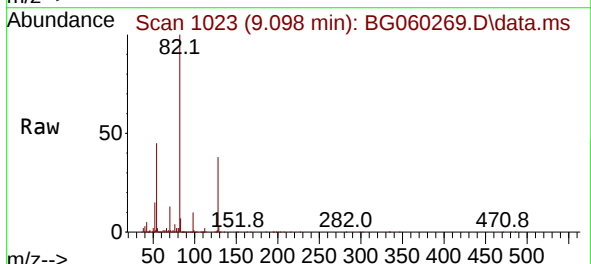
Instrument :
BNA_G
ClientSampleId :

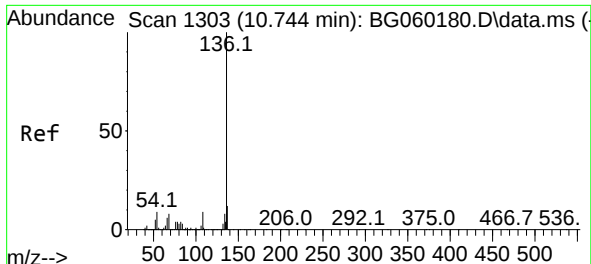
Tgt Ion: 99 Resp: 686952
Ion Ratio Lower Upper
99 100
42 14.9 12.5 18.7
71 28.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.171 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.357 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion: 70 Resp: 200661
Ion Ratio Lower Upper
70 100
42 41.2 37.9 56.9
101 0.2 6.2 9.2#
130 1.6 13.0 19.4#

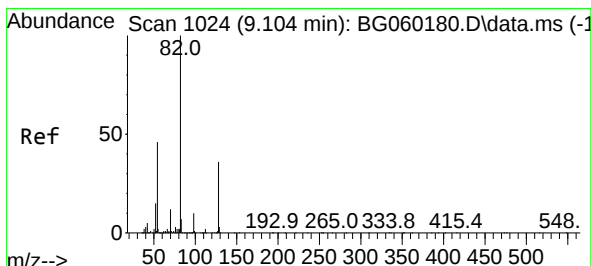
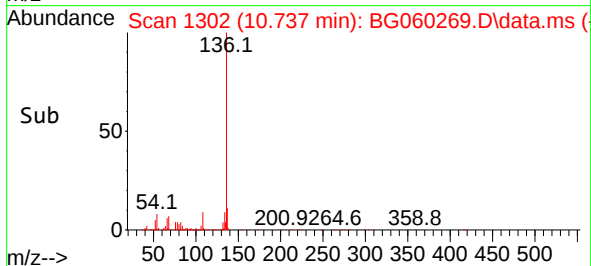
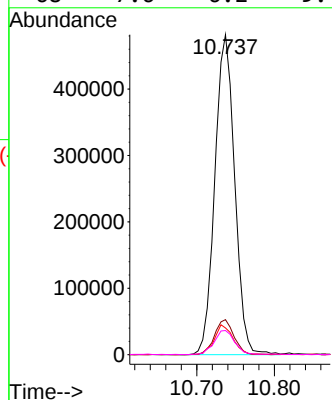
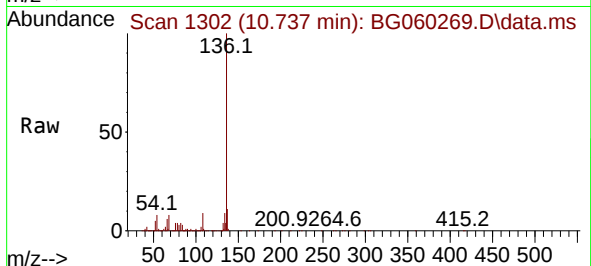




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

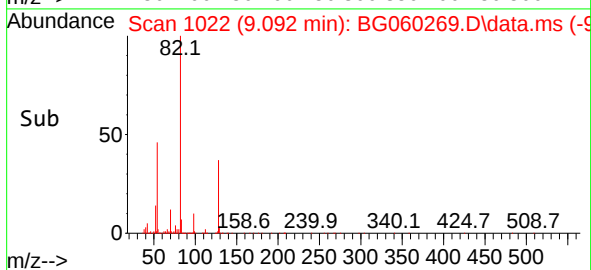
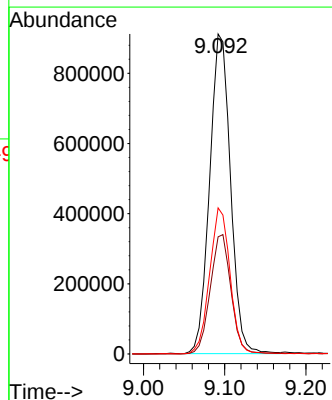
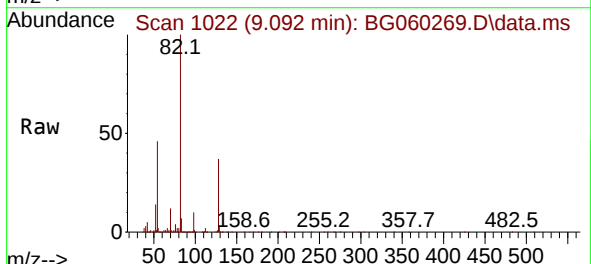
Instrument :
BNA_G
ClientSampleId :

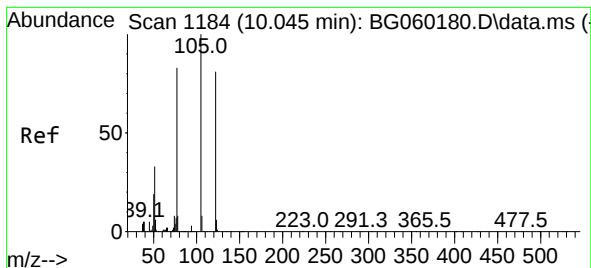
Tgt Ion:136 Resp: 856723
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.4 7.4 11.2
68 7.6 6.2 9.4



#23
Nitrobenzene-d5
Concen: 87.806 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.013 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion: 82 Resp: 1628609
Ion Ratio Lower Upper
82 100
128 36.6 28.7 43.1
54 45.7 36.9 55.3

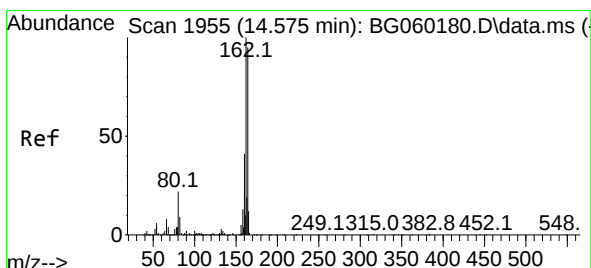
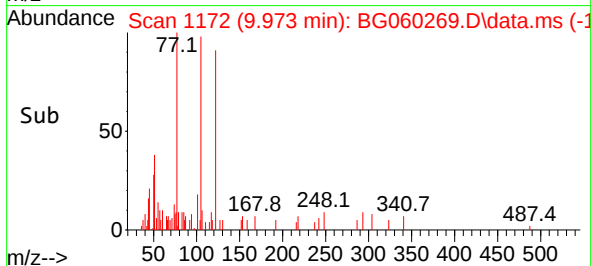
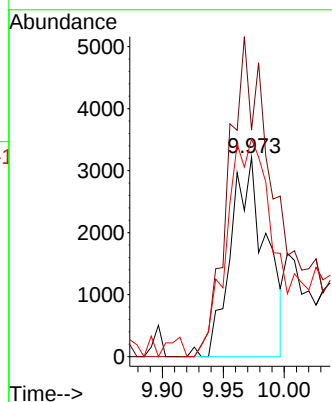
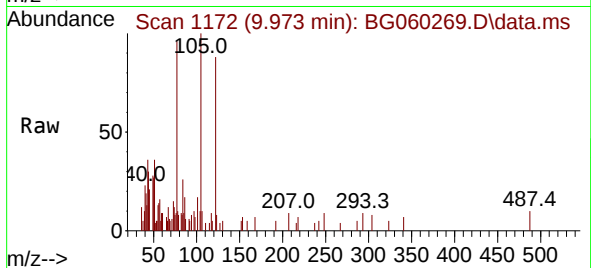




#32
Benzoic acid
Concen: 10.874 ng
RT: 9.973 min Scan# 1184
Delta R.T. -0.072 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

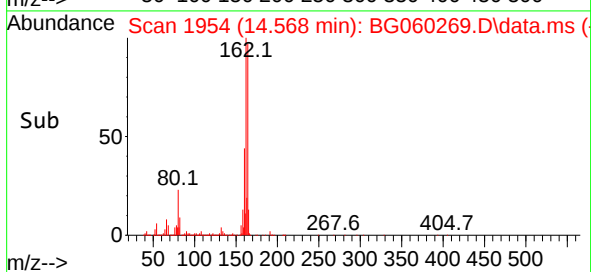
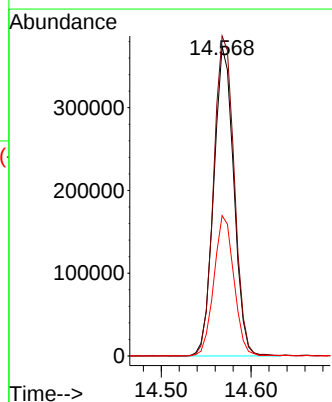
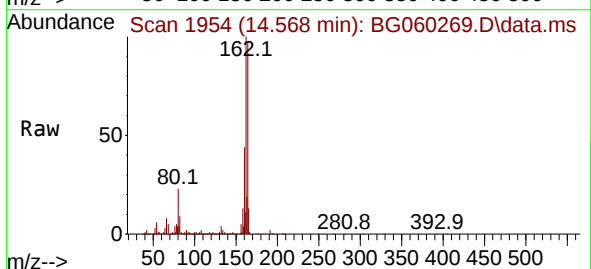
Instrument :
BNA_G
ClientSampleId :

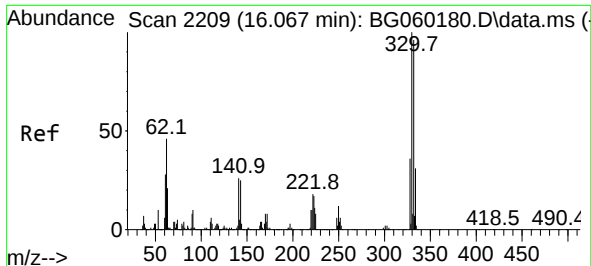
Tgt Ion:122 Resp: 6438
Ion Ratio Lower Upper
122 100
105 113.7 99.2 139.2
77 109.3 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion:164 Resp: 579941
Ion Ratio Lower Upper
164 100
162 103.4 83.9 125.9
160 45.4 34.2 51.4

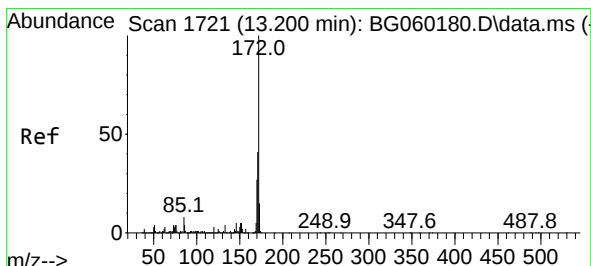
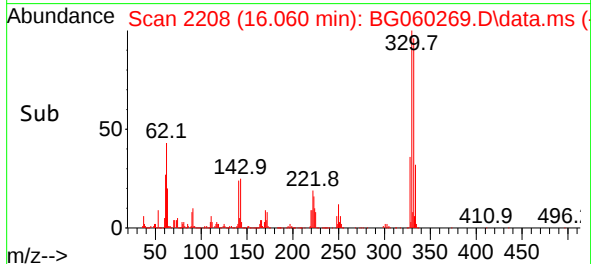
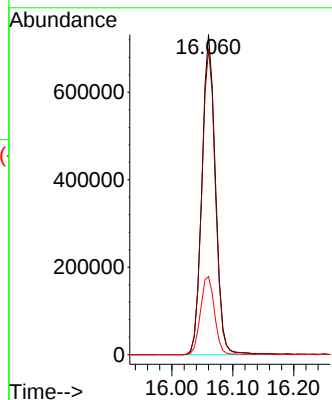
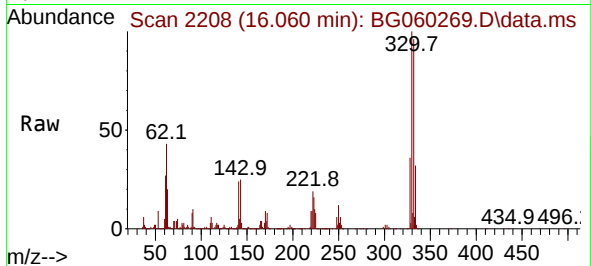




#42
2,4,6-Tribromophenol
Concen: 145.778 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

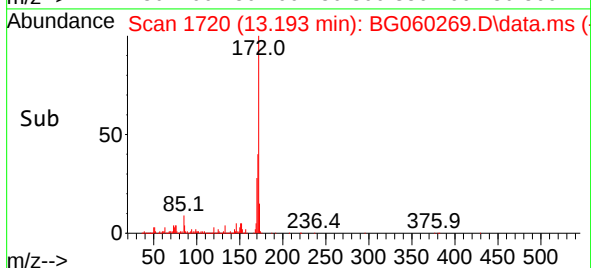
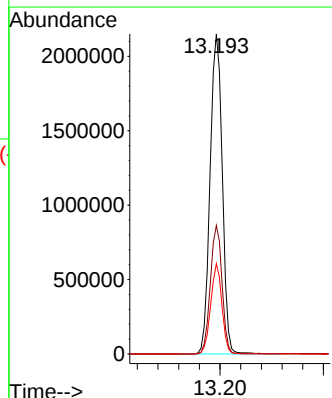
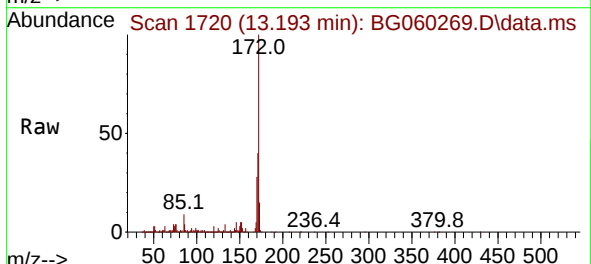
Instrument :
BNA_G
ClientSampleId :

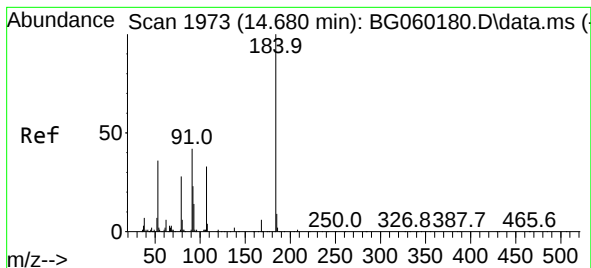
Tgt Ion:330 Resp: 1131689
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 87.131 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion:172 Resp: 3515847
Ion Ratio Lower Upper
172 100
171 40.2 32.6 48.8
170 28.2 21.8 32.6

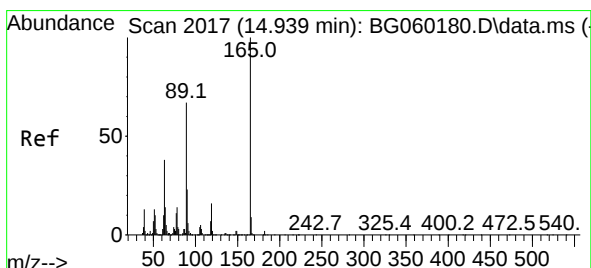
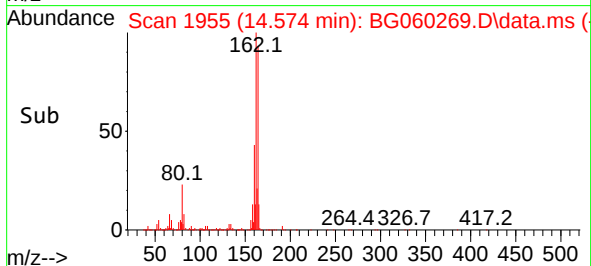
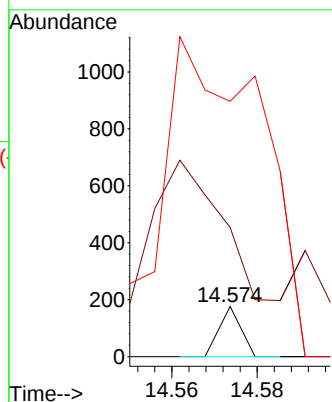
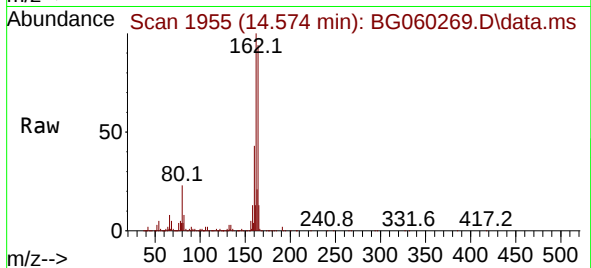




#54
2,4-Dinitrophenol
Concen: 8.246 ng
RT: 14.574 min Scan# 1954
Delta R.T. -0.106 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

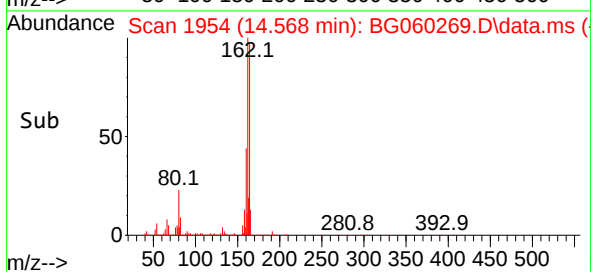
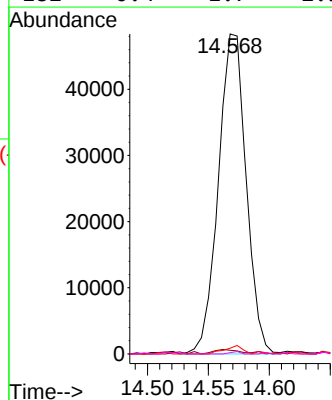
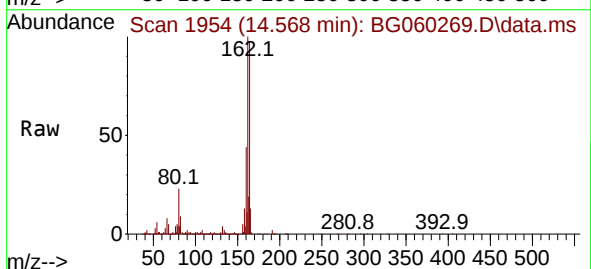
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BNA_G
ClientSampleId :

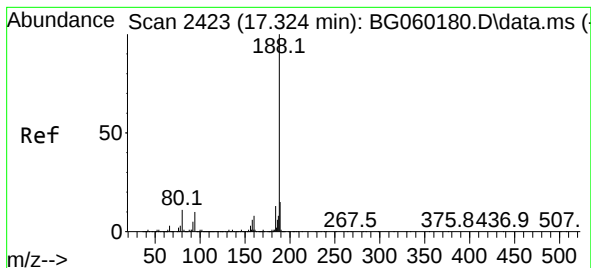
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 258.0 45.4 68.2#
154 509.7 40.0 60.0#



#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.371 min
Lab File: BG060269.D
Acq: 5 Jan 2024 13:56

Tgt Ion:165 Resp: 76943
Ion Ratio Lower Upper
165 100
63 1.2 31.0 46.6#
89 1.8 53.3 79.9#
182 0.4 1.7 2.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060269.D

Acq: 5 Jan 2024 13:56

Instrument :

BNA_G

ClientSampleId :

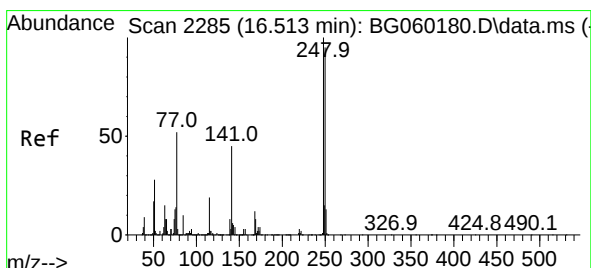
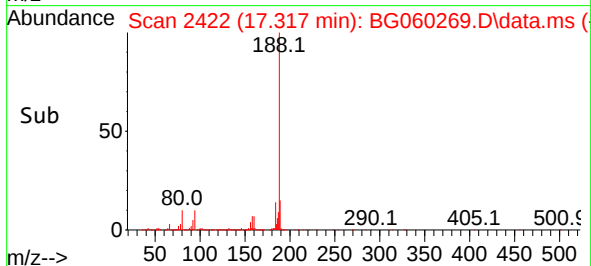
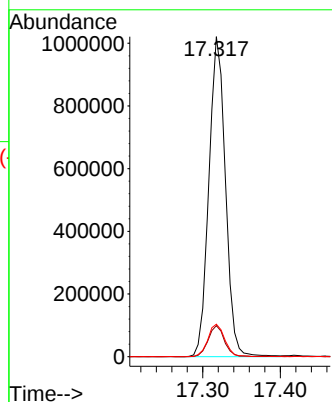
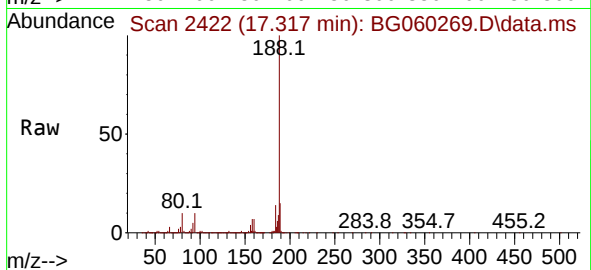
Tgt Ion:188 Resp: 1513329

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 10.1 8.6 13.0



#67

4-Bromophenyl-phenylether

Concen: 4.317 ng

RT: 16.054 min Scan# 2207

Delta R.T. -0.459 min

Lab File: BG060269.D

Acq: 5 Jan 2024 13:56

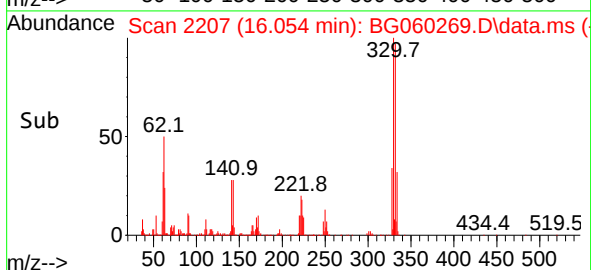
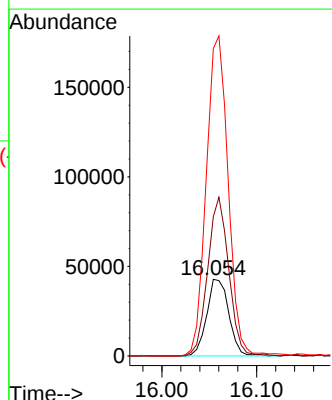
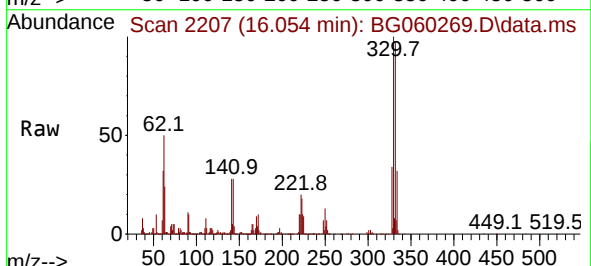
Tgt Ion:248 Resp: 69267

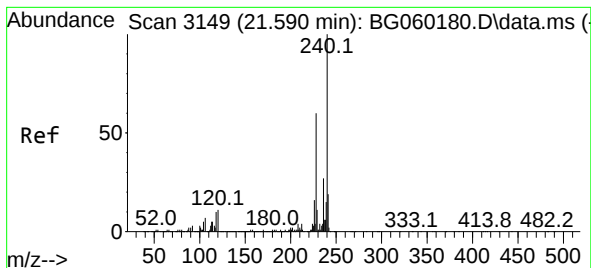
Ion Ratio Lower Upper

248 100

250 181.7 76.2 114.4#

141 401.6 36.0 54.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG060269.D

Acq: 5 Jan 2024 13:56

Instrument :

BNA_G

ClientSampleId :

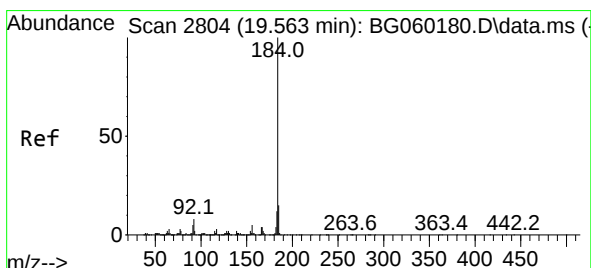
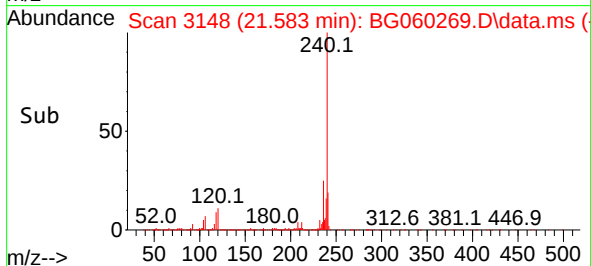
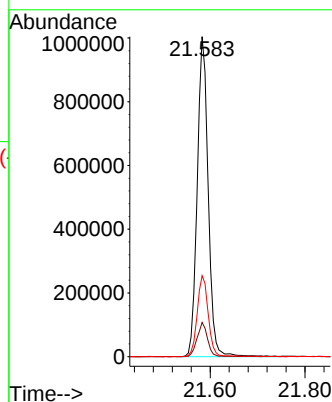
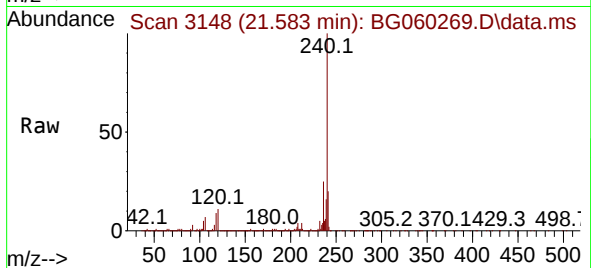
Tgt Ion:240 Resp: 1610280

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.3 21.4 32.2



#77

Benzidine

Concen: 2.316 ng

RT: 19.944 min Scan# 2869

Delta R.T. 0.381 min

Lab File: BG060269.D

Acq: 5 Jan 2024 13:56

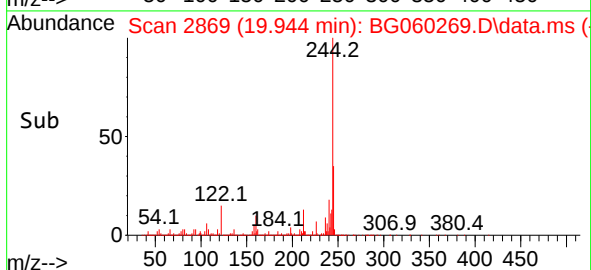
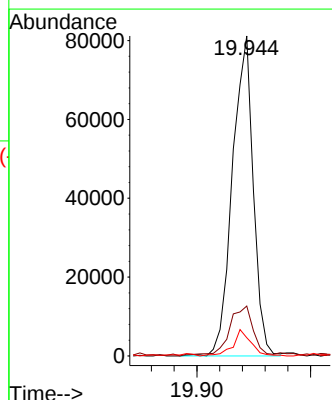
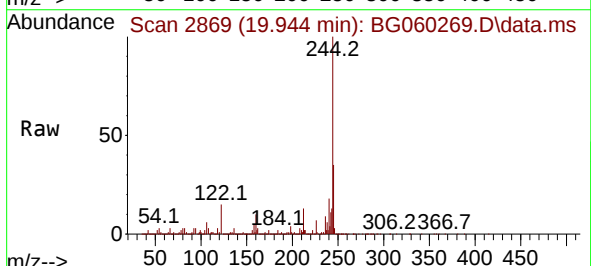
Tgt Ion:184 Resp: 103228

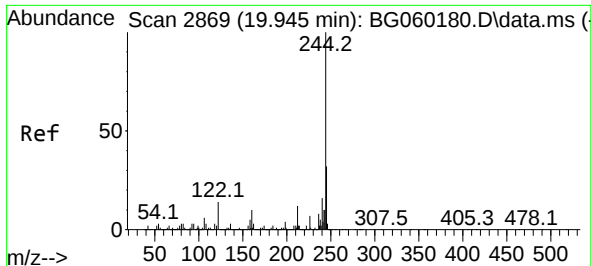
Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

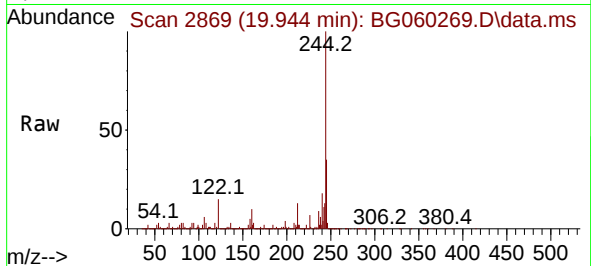
183 5.7 9.4 14.2#



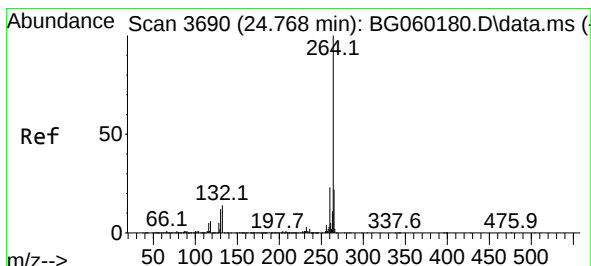
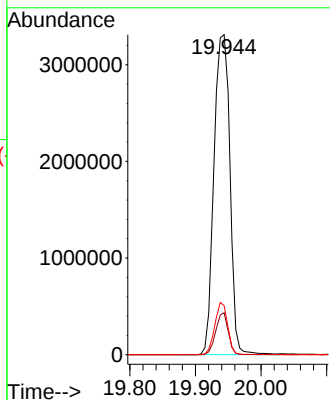
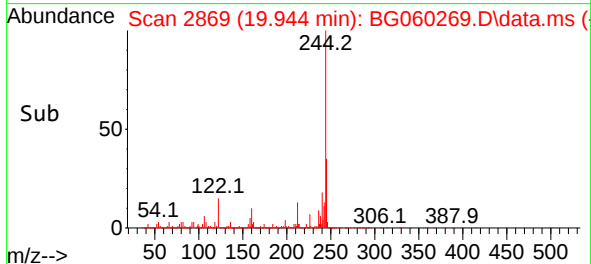


#79
 Terphenyl-d14
 Concen: 66.426 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060269.D
 Acq: 5 Jan 2024 13:56

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 5563810
 Ion Ratio Lower Upper
 244 100
 212 13.1 9.5 14.3
 122 15.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.756 min Scan# 3688
 Delta R.T. -0.013 min
 Lab File: BG060269.D
 Acq: 5 Jan 2024 13:56

Tgt Ion:264 Resp: 1879525
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.0 27.0
 265 21.6 17.4 26.0

