

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060234.D
 Acq On : 3 Jan 2024 19:40
 Operator : MA/JU
 Sample : 05909-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 00:41:36 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)

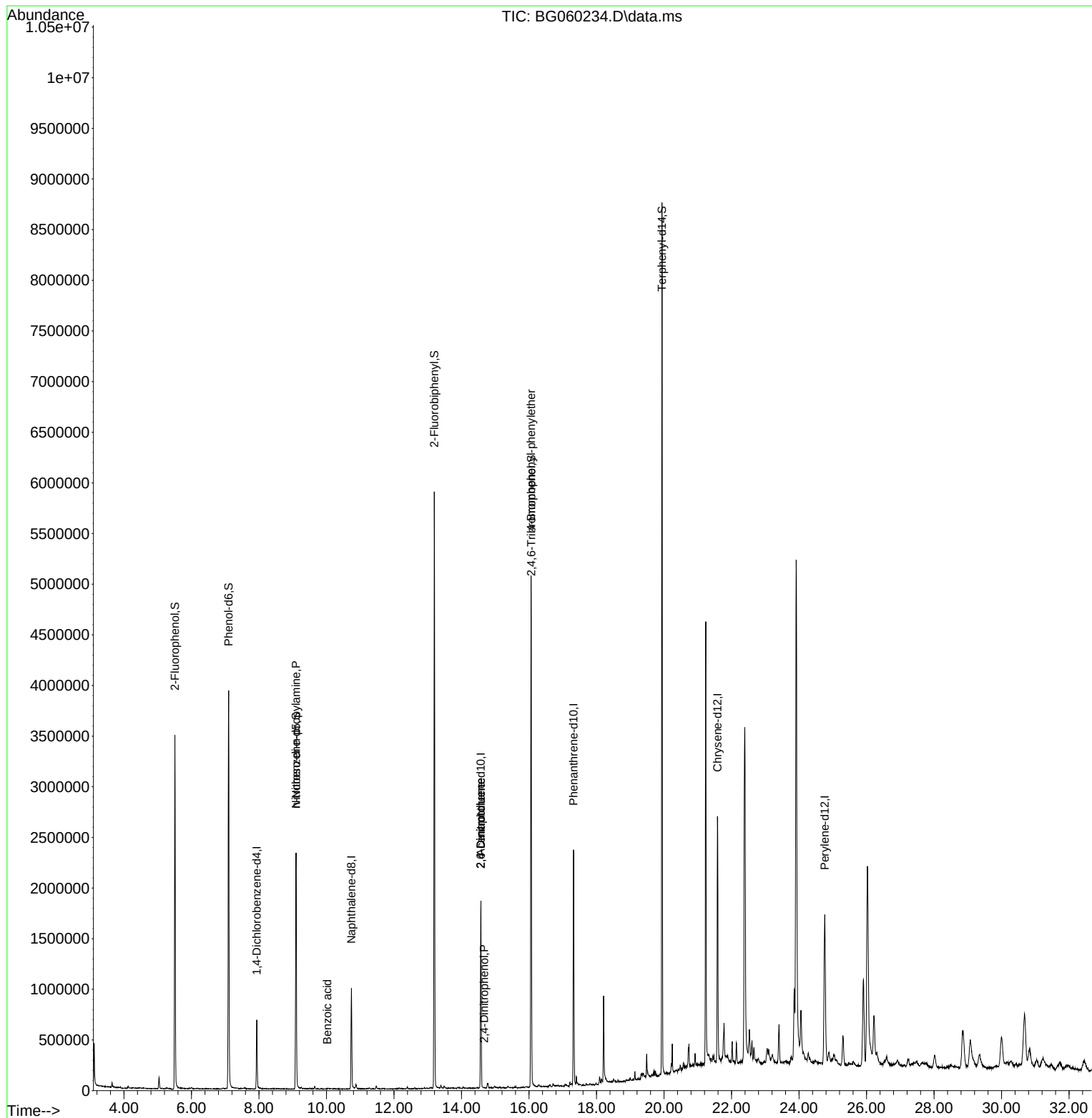
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	206058	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	850772	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	665768	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1607977	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1394680	20.000	ng	0.00
86) Perylene-d12	24.762	264	1557936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1589463	116.425	ng	0.00
7) Phenol-d6	7.100	99	2544871	125.546	ng	0.00
23) Nitrobenzene-d5	9.098	82	1588233	86.228	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1063214	119.301	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3175763	68.557	ng	0.00
79) Terphenyl-d14	19.938	244	4120875	56.804	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	195288	14.103	ng	# 81
32) Benzoic acid	10.020	122	94	10.279	ng	# 46
51) 2,6-Dinitrotoluene	14.568	165	88590	8.286	ng	# 29
54) 2,4-Dinitrophenol	14.674	184	123	8.254	ng	# 65
57) 2,4-Dinitrotoluene	14.568	165	88590	6.094	ng	# 26
67) 4-Bromophenyl-phenylether	16.060	248	64610	3.790	ng	# 1

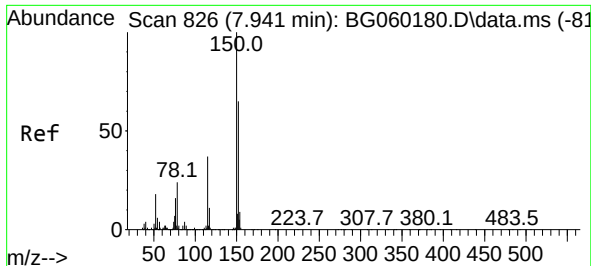
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 00:41:36 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

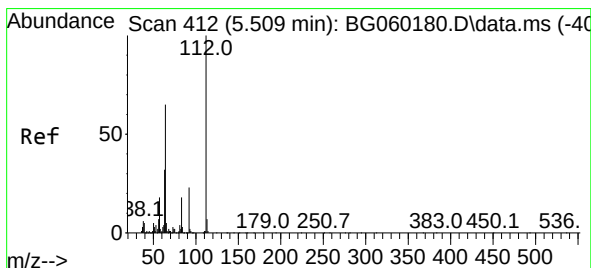
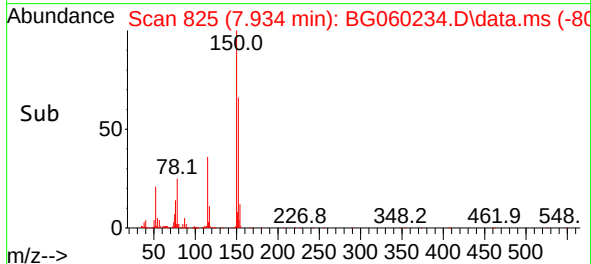
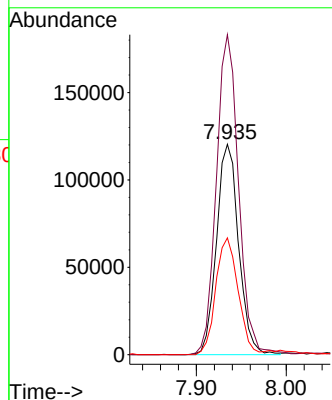
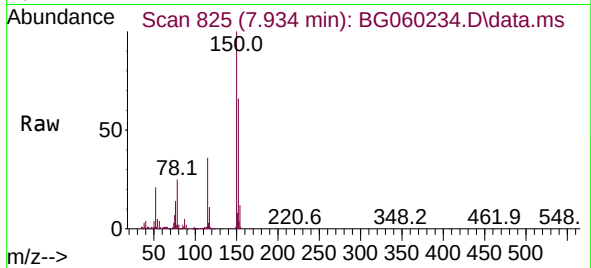




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG060234.D
 Acq: 3 Jan 2024 19:40

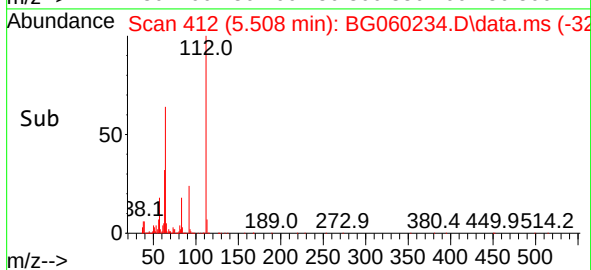
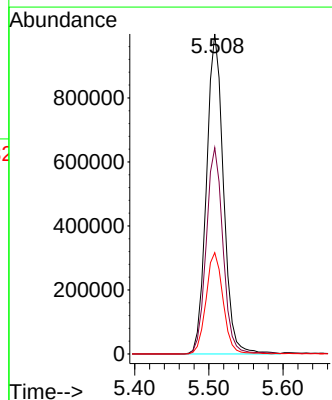
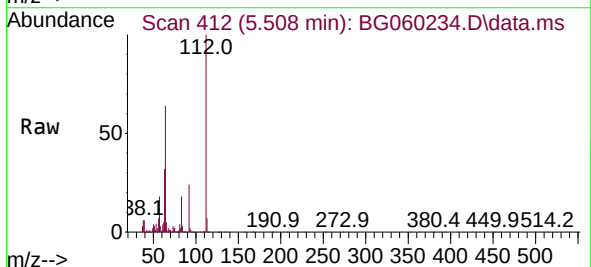
Instrument :
 BNA_G
 ClientSampleId :

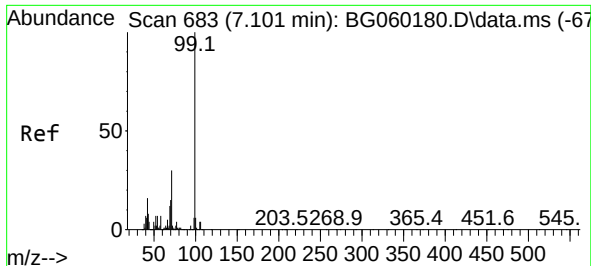
Tgt Ion:152 Resp: 206058
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.4 185.0
 115 55.5 45.4 68.0



#5
 2-Fluorophenol
 Concen: 116.425 ng
 RT: 5.508 min Scan# 412
 Delta R.T. -0.001 min
 Lab File: BG060234.D
 Acq: 3 Jan 2024 19:40

Tgt Ion:112 Resp: 1589463
 Ion Ratio Lower Upper
 112 100
 64 64.5 52.2 78.4
 63 31.7 25.4 38.0

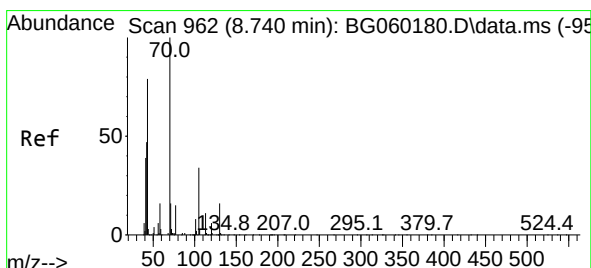
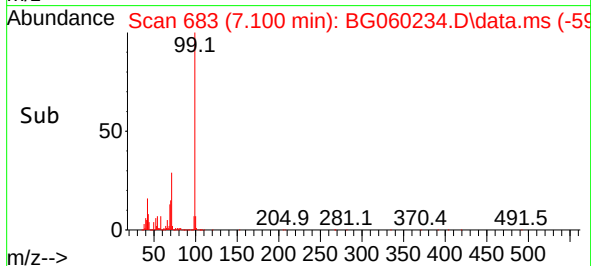
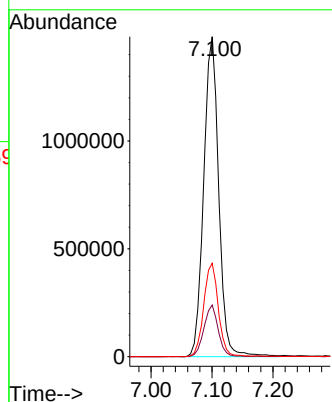
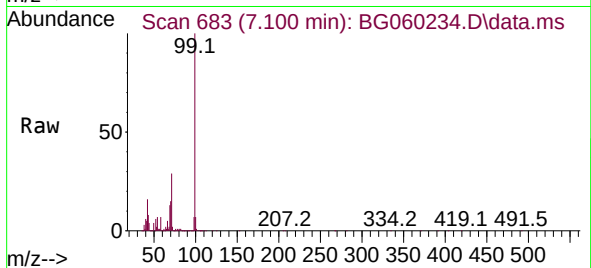




#7
Phenol-d6
Concen: 125.546 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

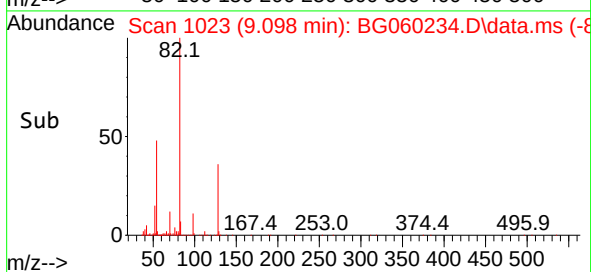
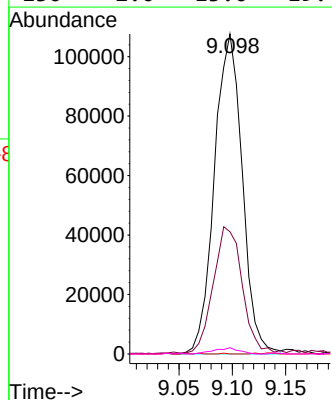
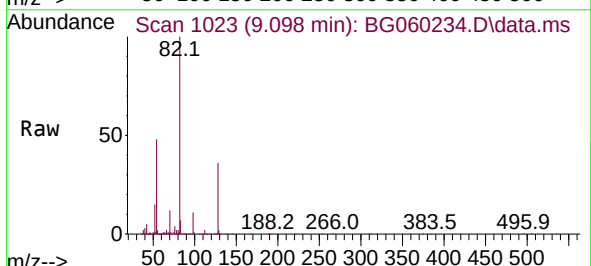
Instrument :
BNA_G
ClientSampleId :

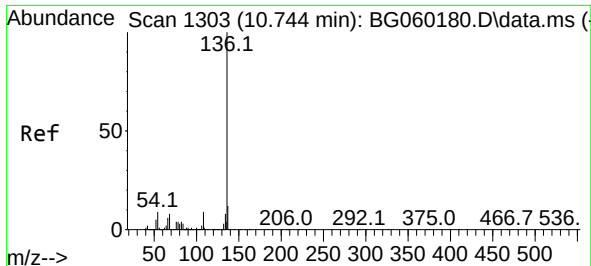
Tgt Ion: 99 Resp: 2544871
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 29.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.103 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion: 70 Resp: 195288
Ion Ratio Lower Upper
70 100
42 38.2 37.9 56.9
101 0.0 6.2 9.2#
130 2.0 13.0 19.4#

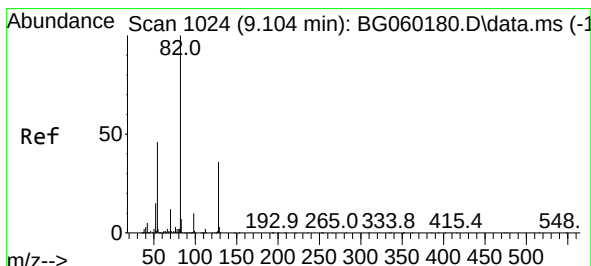
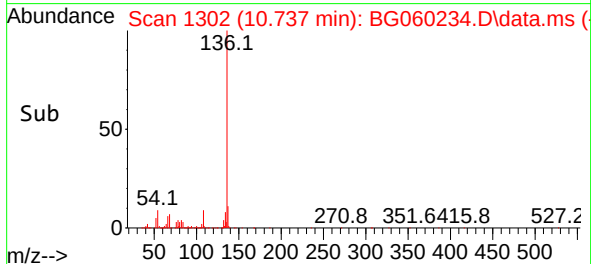
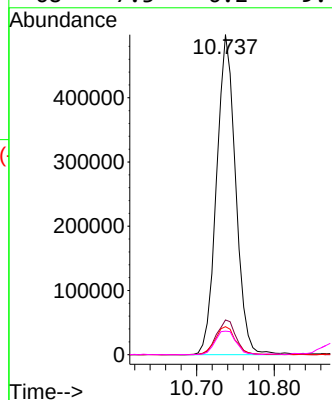
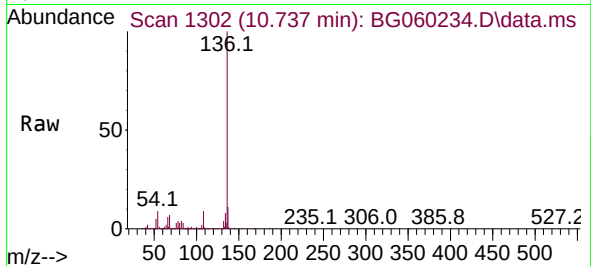




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

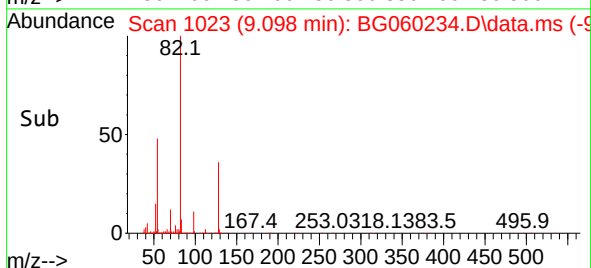
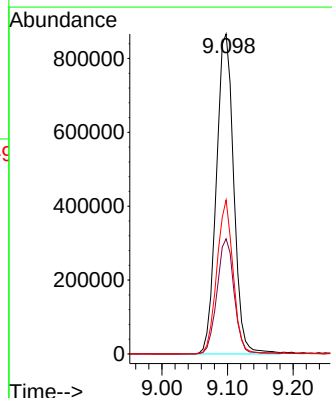
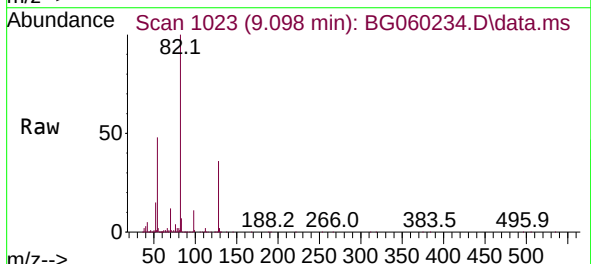
Instrument :
BNA_G
ClientSampleId :

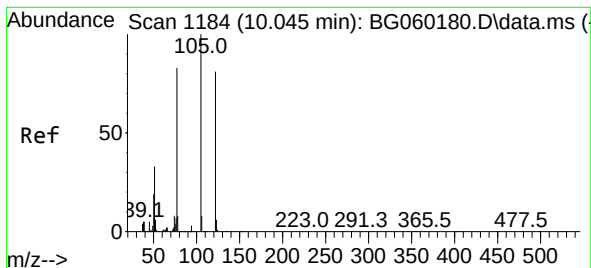
Tgt Ion:136 Resp: 850772
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.7 7.4 11.2
68 7.3 6.2 9.4



#23
Nitrobenzene-d5
Concen: 86.228 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion: 82 Resp: 1588233
Ion Ratio Lower Upper
82 100
128 36.0 28.7 43.1
54 48.2 36.9 55.3





#32

Benzoic acid

Concen: 10.279 ng

RT: 10.020 min Scan# 1184

Delta R.T. -0.025 min

Lab File: BG060234.D

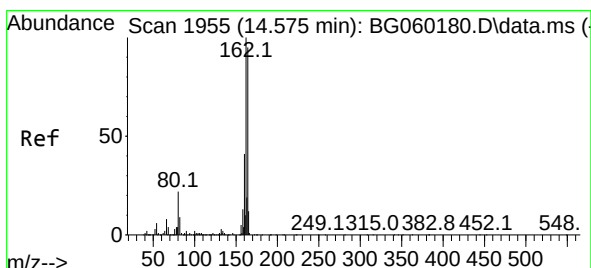
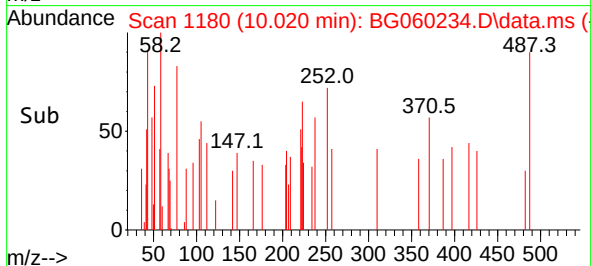
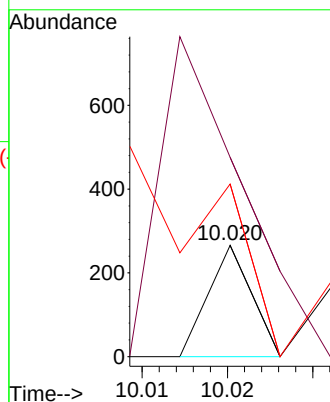
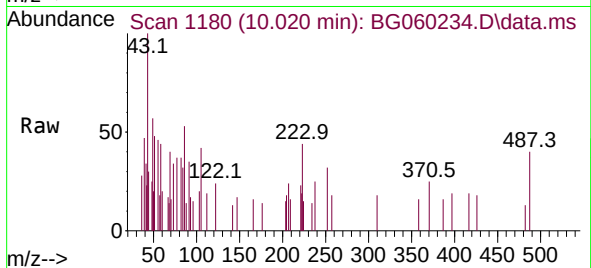
Acq: 3 Jan 2024 19:40

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122	Resp:	94
Ion Ratio	Lower	Upper
122	100	
105	178.9	99.2 139.2#
77	154.9	81.0 121.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

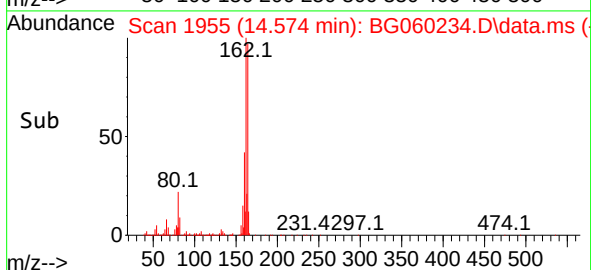
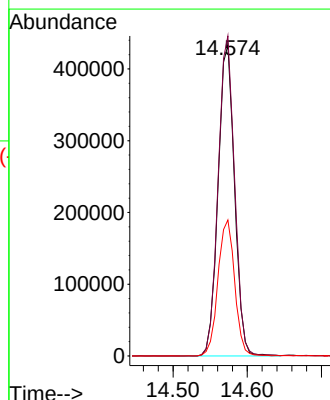
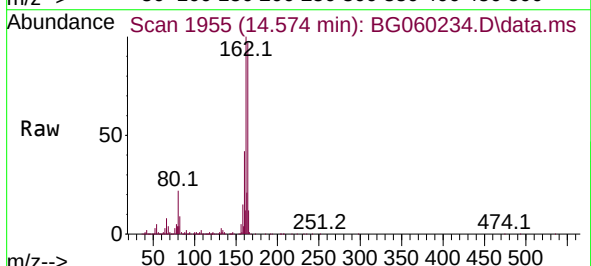
RT: 14.574 min Scan# 1955

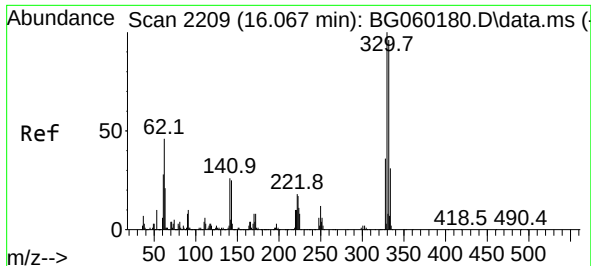
Delta R.T. -0.001 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

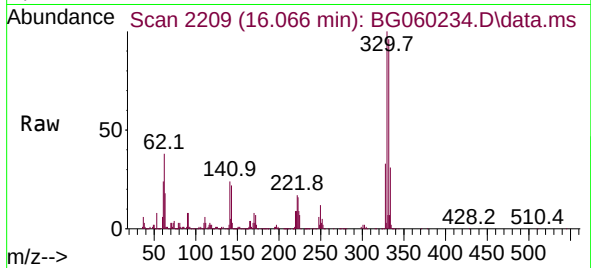
Tgt Ion:164	Resp:	665768
Ion Ratio	Lower	Upper
164	100	
162	103.0	83.9 125.9
160	43.8	34.2 51.4



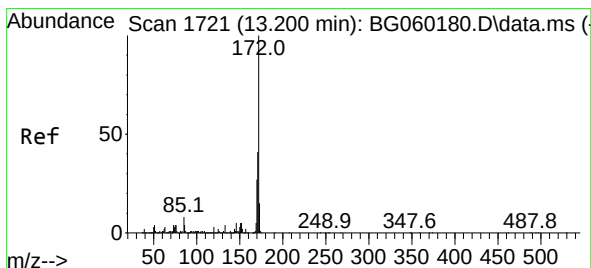
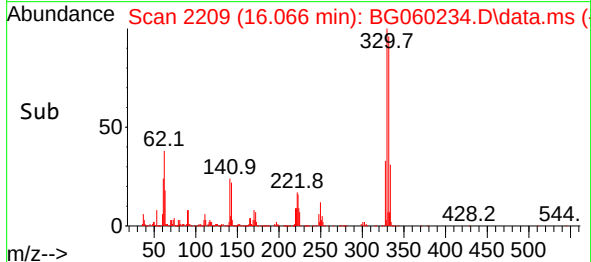
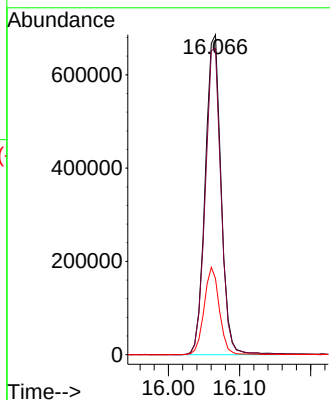


#42
2,4,6-Tribromophenol
Concen: 119.301 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Instrument :
BNA_G
ClientSampleId :

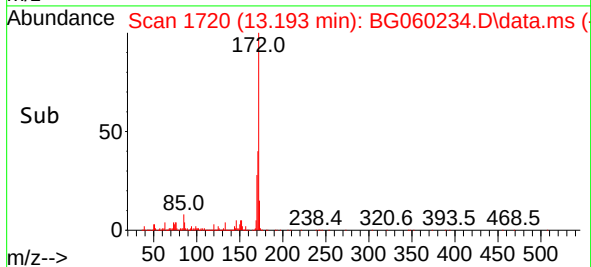
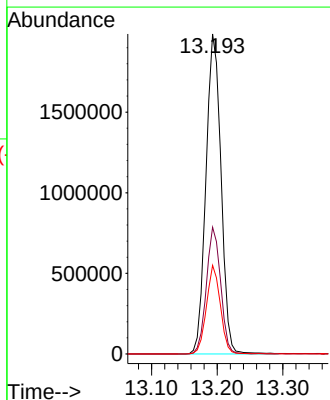
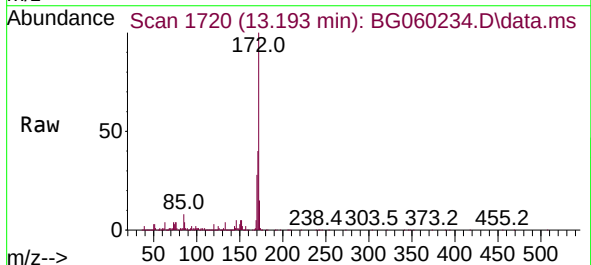


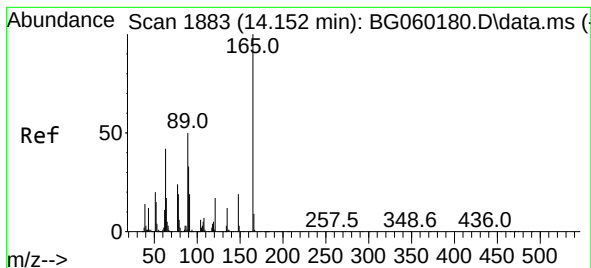
Tgt Ion:330 Resp: 1063214
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 26.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 68.557 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:172 Resp: 3175763
Ion Ratio Lower Upper
172 100
171 39.6 32.6 48.8
170 27.7 21.8 32.6

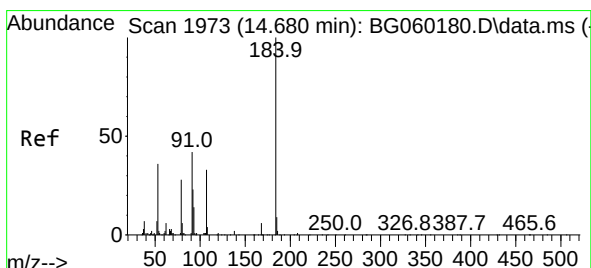
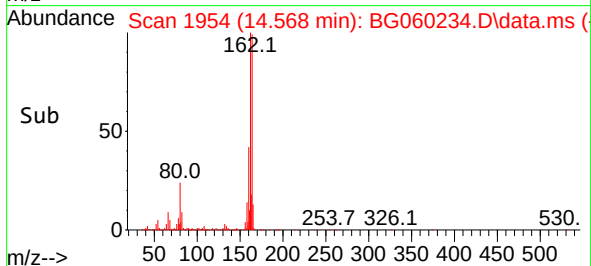
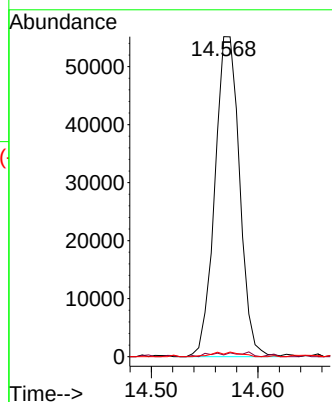
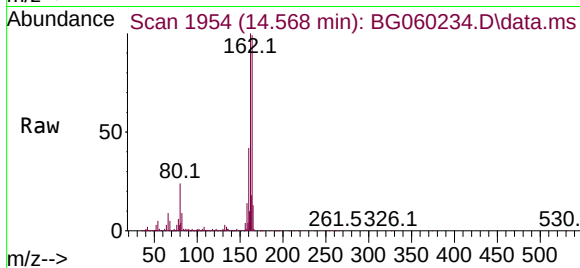




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.416 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

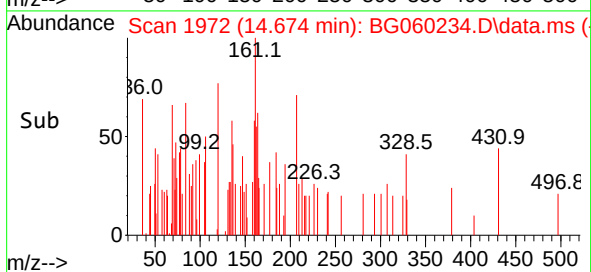
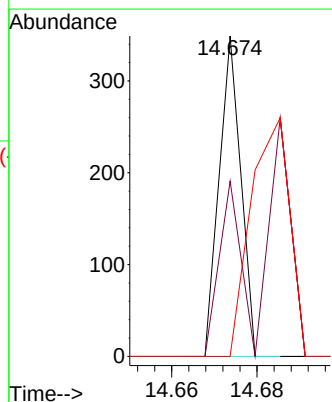
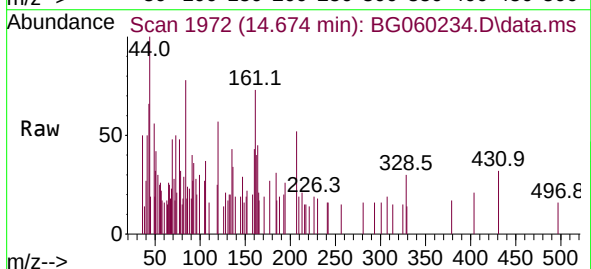
Instrument :
BNA_G
ClientSampleId :

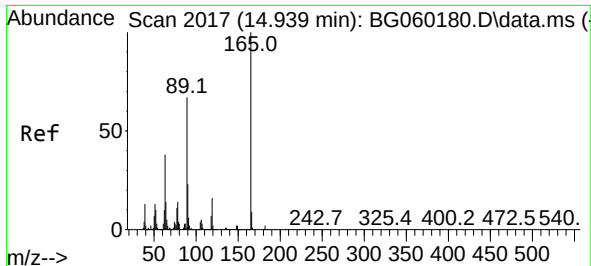
Tgt Ion:165 Resp: 88590
Ion Ratio Lower Upper
165 100
63 0.6 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.254 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

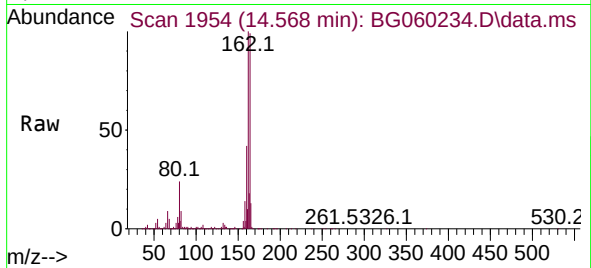
Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
63 54.7 45.4 68.2
154 0.0 40.0 60.0#



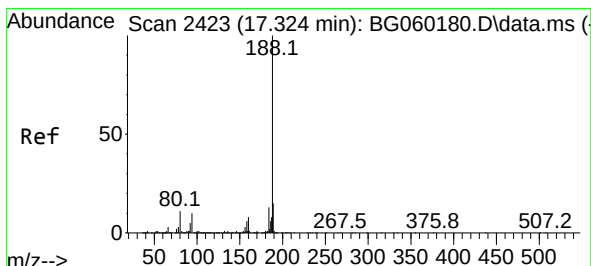
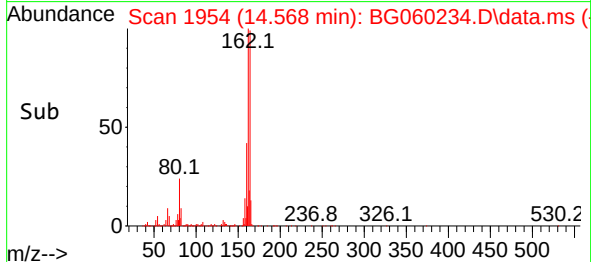
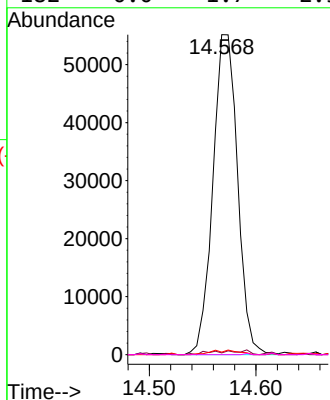


#57
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.371 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Instrument :
BNA_G
ClientSampleId :

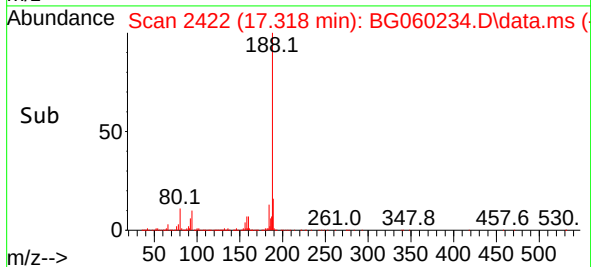
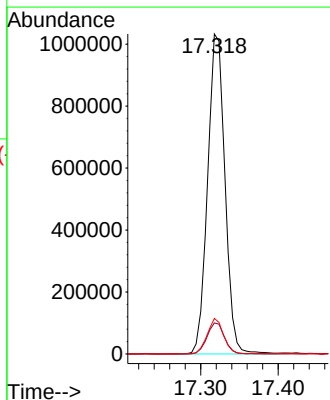
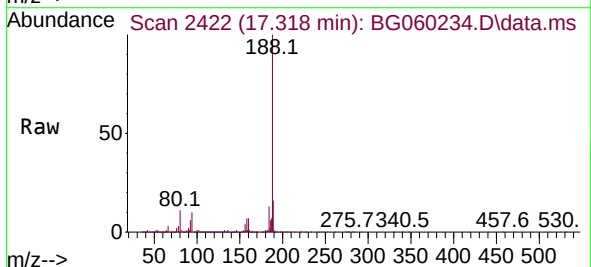


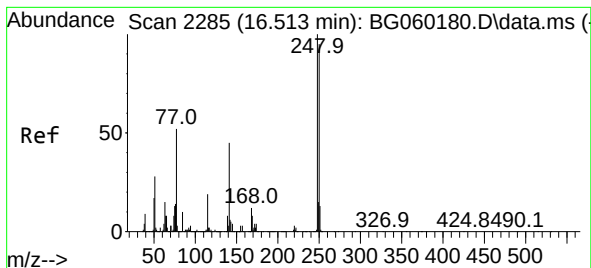
Tgt Ion:165 Resp: 88590
Ion Ratio Lower Upper
165 100
63 0.6 31.0 46.6#
89 0.8 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:188 Resp: 1607977
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 11.1 8.6 13.0

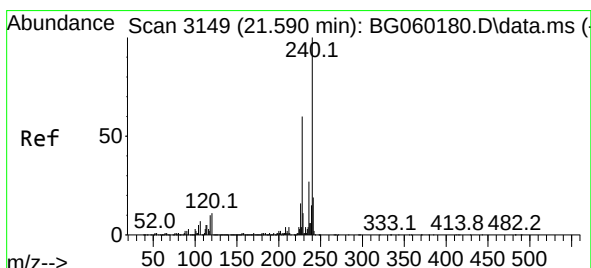
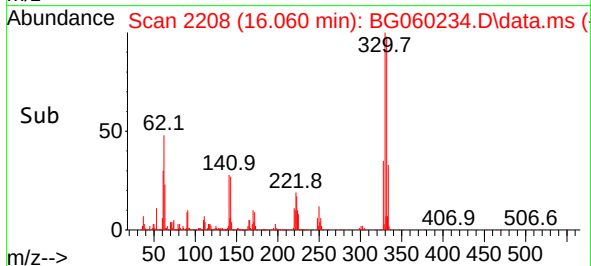
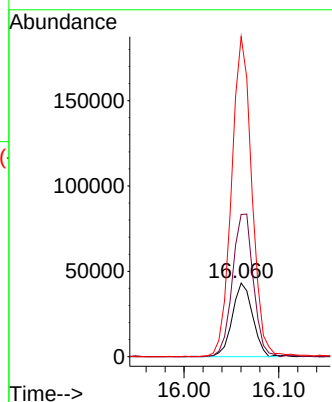
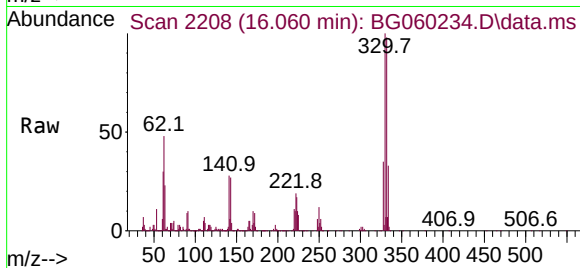




#67
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

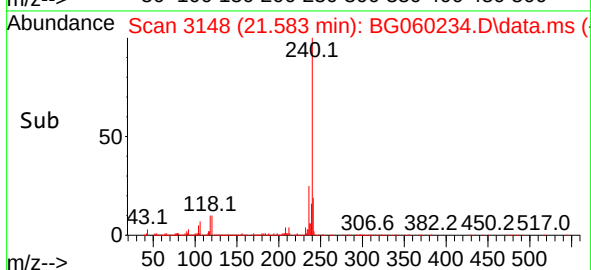
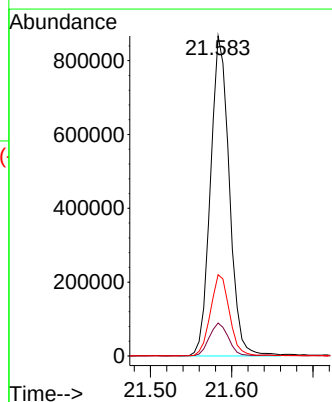
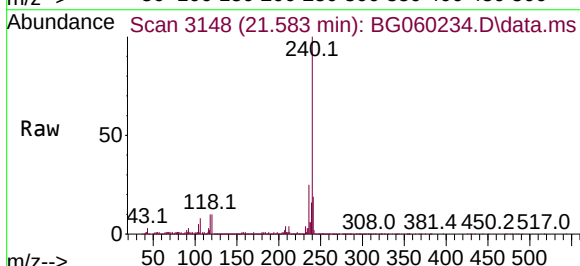
Instrument :
BNA_G
ClientSampleId :

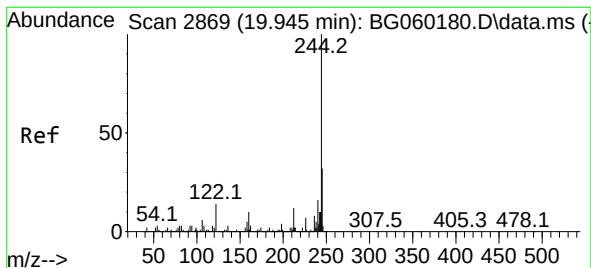
Tgt Ion:248 Resp: 64610
Ion Ratio Lower Upper
248 100
250 193.0 76.2 114.4#
141 434.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:240 Resp: 1394680
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.4 21.4 32.2





#79

Terphenyl-d14

Concen: 56.804 ng

RT: 19.938 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

Instrument :

BNA_G

ClientSampleId :

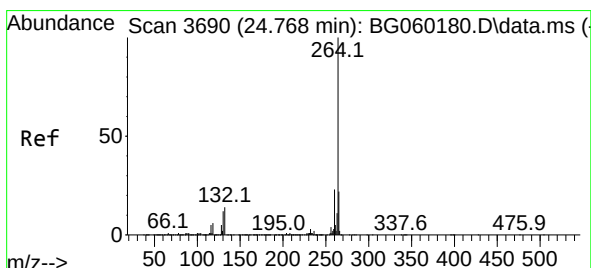
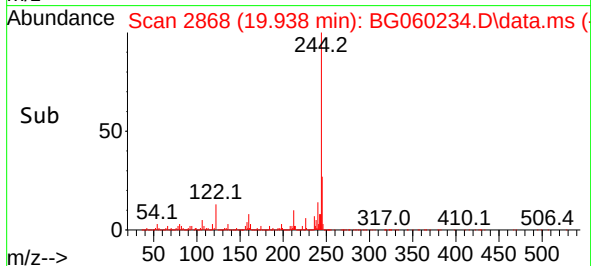
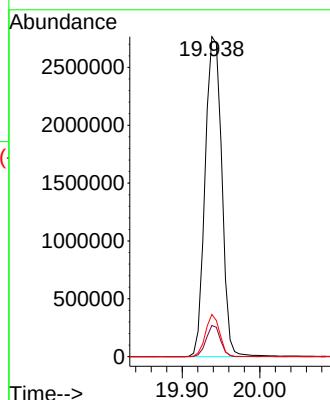
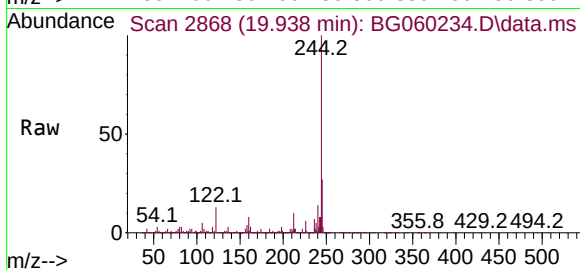
Tgt Ion:244 Resp: 4120875

Ion Ratio Lower Upper

244 100

212 9.8 9.5 14.3

122 13.2 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.007 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

Tgt Ion:264 Resp: 1557936

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 21.9 17.4 26.0

