

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060205.D
 Acq On : 2 Jan 2024 23:13
 Operator : MA/JU
 Sample : PB158126BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 01:13:05 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)

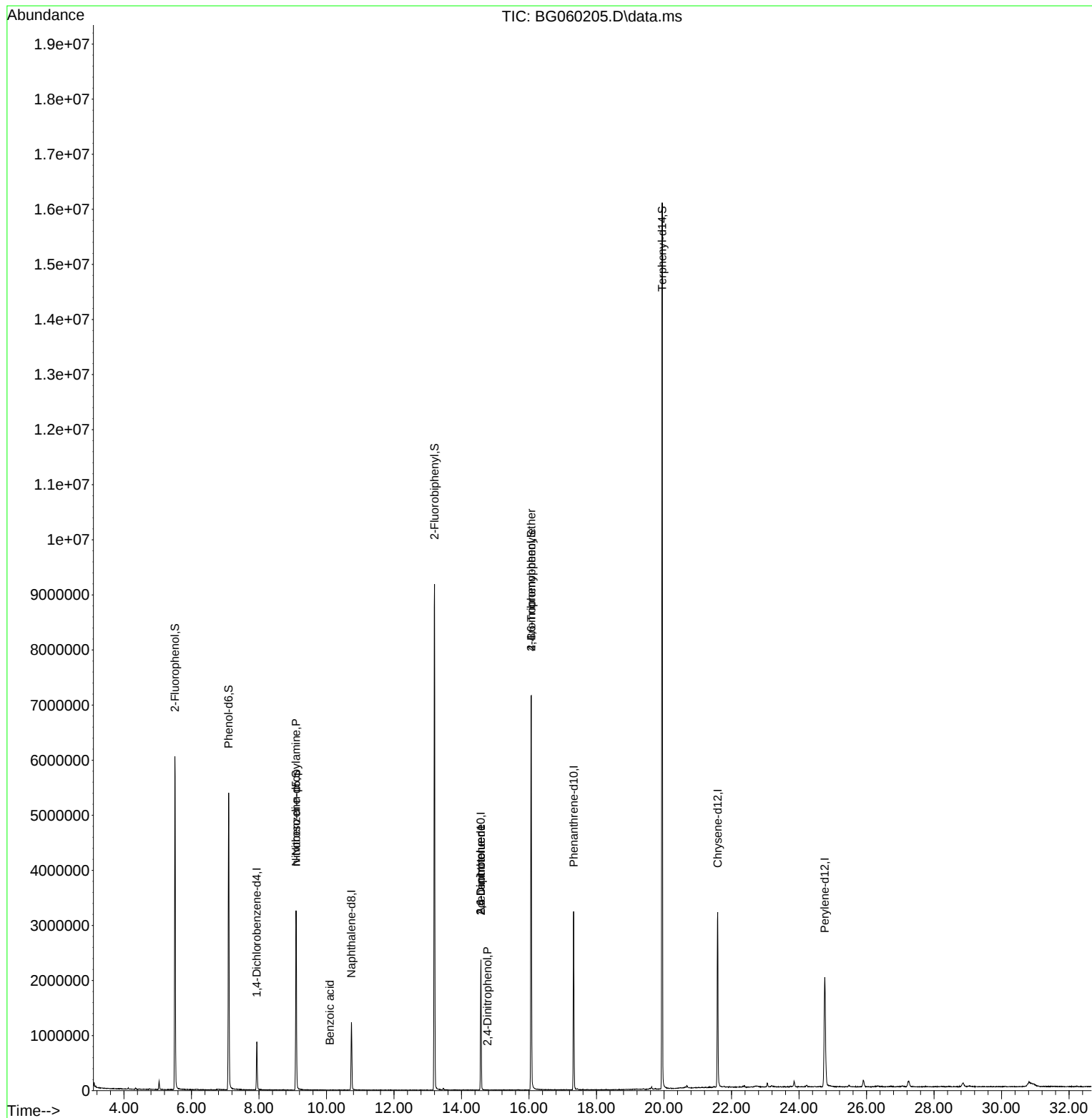
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	270377	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1084824	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	818434	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	2122143	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1976872	20.000	ng	0.00
86) Perylene-d12	24.763	264	2169314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	2749646	153.495	ng	0.00
7) Phenol-d6	7.101	99	3487231	131.111	ng	0.00
23) Nitrobenzene-d5	9.099	82	2168127	92.315	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1544155	140.947	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4842952	85.045	ng	0.00
79) Terphenyl-d14	19.945	244	6514017	63.348	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	267733	14.735	ng	# 85
32) Benzoic acid	10.104	122	65	10.275	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	110878	8.436	ng	# 30
54) 2,4-Dinitrophenol	14.769	184	54	8.243	ng	# 25
57) 2,4-Dinitrotoluene	14.575	165	110878	6.204	ng	# 27
67) 4-Bromophenyl-phenylether	16.067	248	94734	4.211	ng	# 1

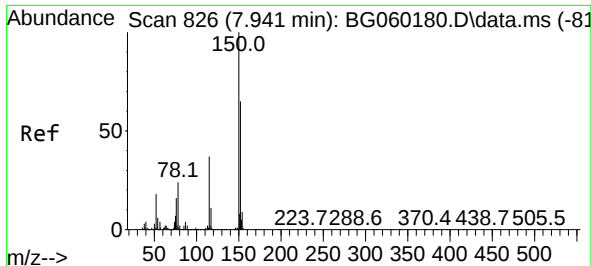
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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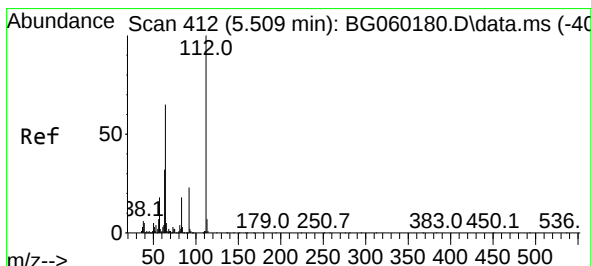
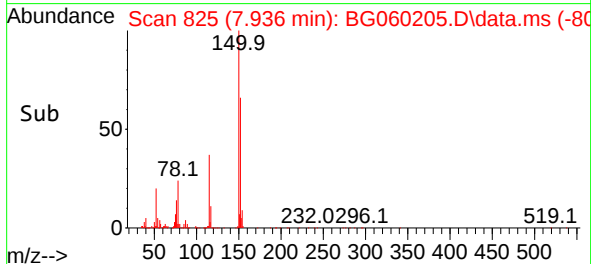
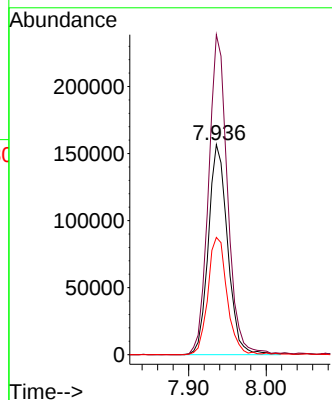
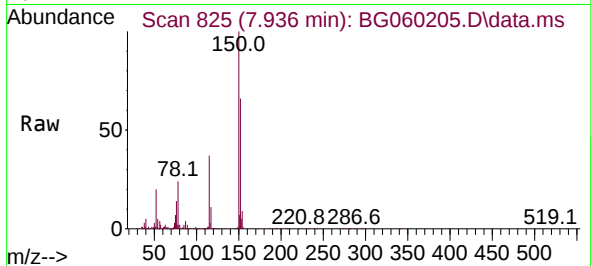




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

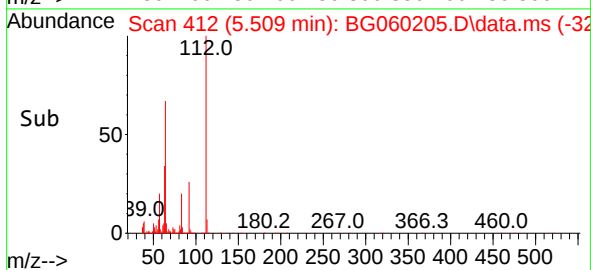
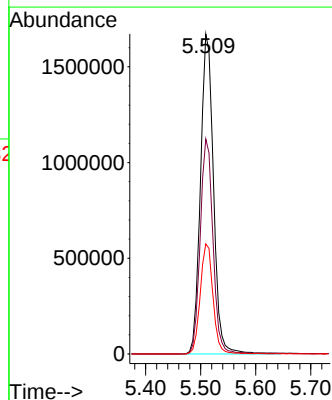
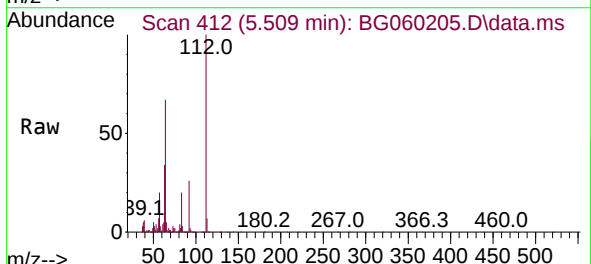
Instrument :
BNA_G
ClientSampleId :

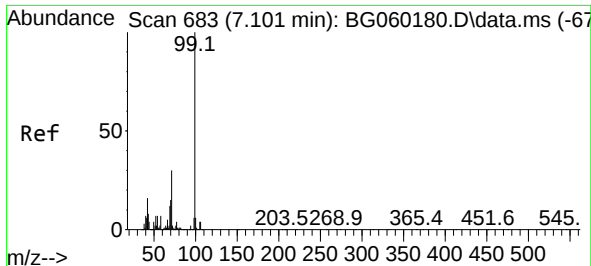
Tgt Ion:152 Resp: 270377
Ion Ratio Lower Upper
152 100
150 152.3 123.4 185.0
115 55.8 45.4 68.0



#5
2-Fluorophenol
Concen: 153.495 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Tgt Ion:112 Resp: 2749646
Ion Ratio Lower Upper
112 100
64 67.2 52.2 78.4
63 34.4 25.4 38.0

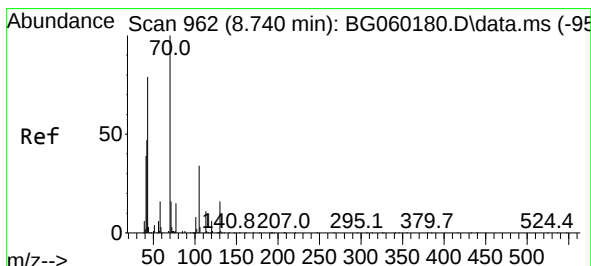
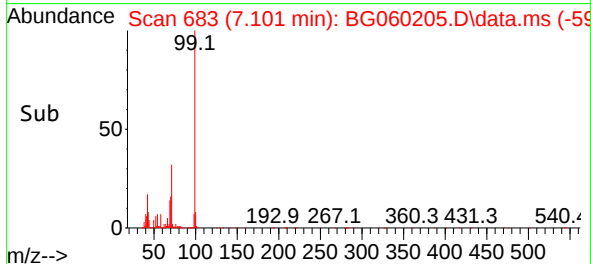
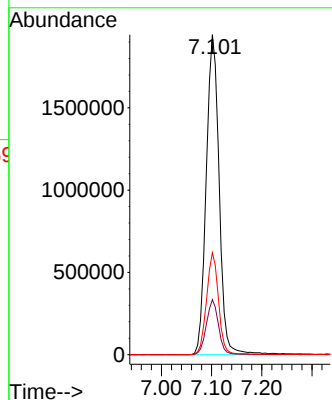
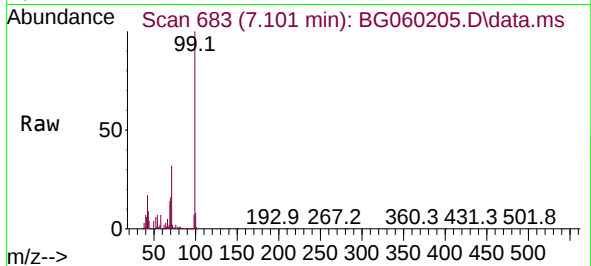




#7
Phenol-d6
Concen: 131.111 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

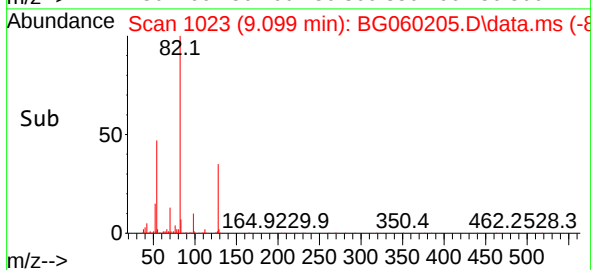
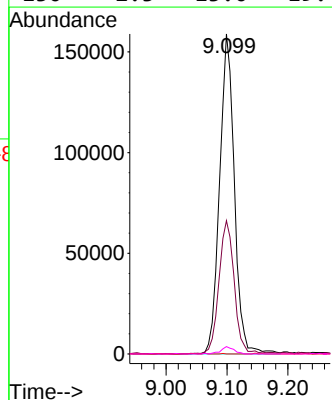
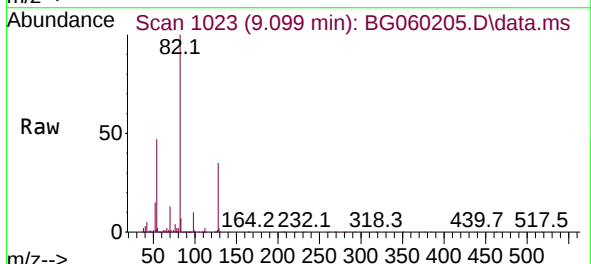
Instrument :
BNA_G
ClientSampleId :

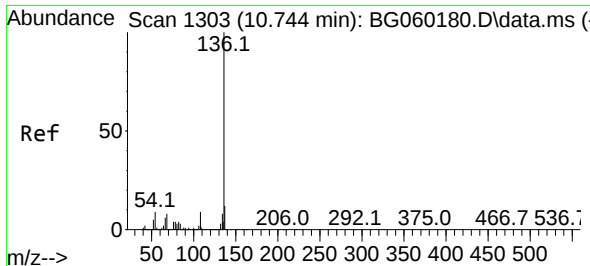
Tgt Ion: 99 Resp: 3487231
Ion Ratio Lower Upper
99 100
42 17.2 12.5 18.7
71 31.9 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.735 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

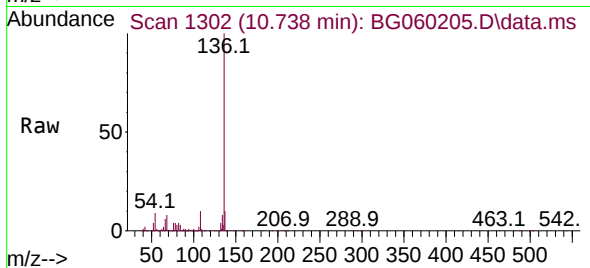
Tgt Ion: 70 Resp: 267733
Ion Ratio Lower Upper
70 100
42 41.7 37.9 56.9
101 0.0 6.2 9.2#
130 2.3 13.0 19.4#





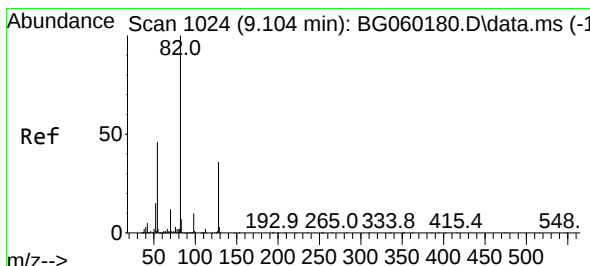
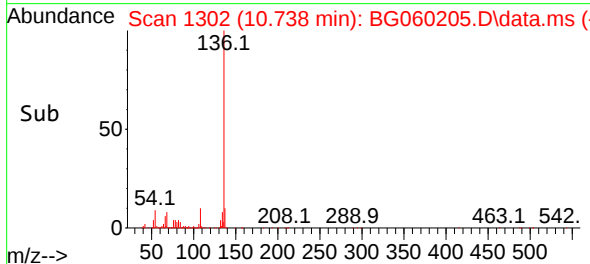
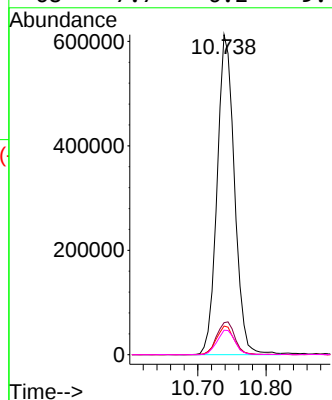
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:136 Resp: 1084824

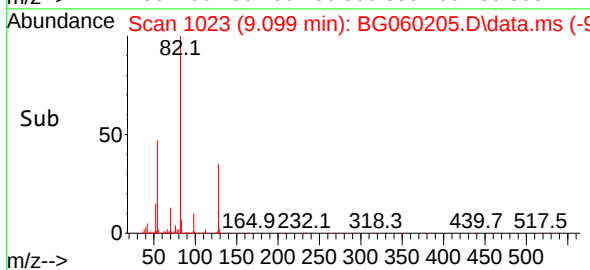
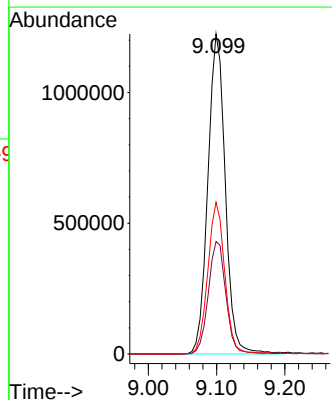
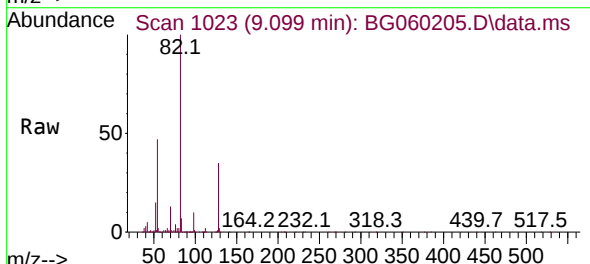
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.4	14.0
54	9.0	7.4	11.2
68	7.7	6.2	9.4

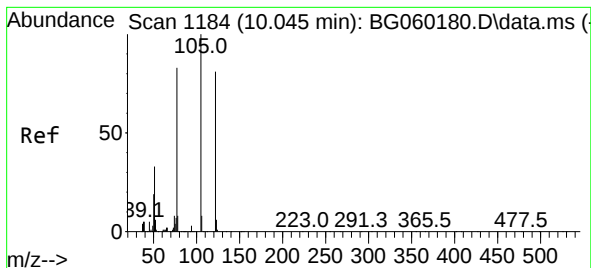


#23
Nitrobenzene-d5
Concen: 92.315 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Tgt Ion: 82 Resp: 2168127

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.7	43.1
54	47.4	36.9	55.3





#32

Benzoic acid

Concen: 10.275 ng

RT: 10.104 min Scan# 1184

Delta R.T. 0.059 min

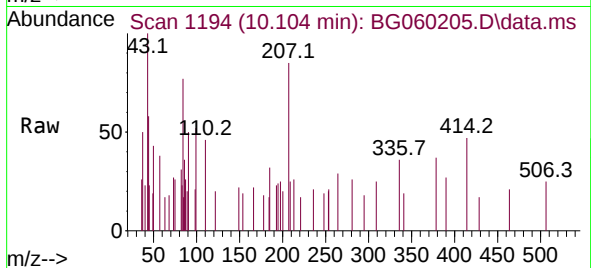
Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Instrument :

BNA_G

ClientSampleId :



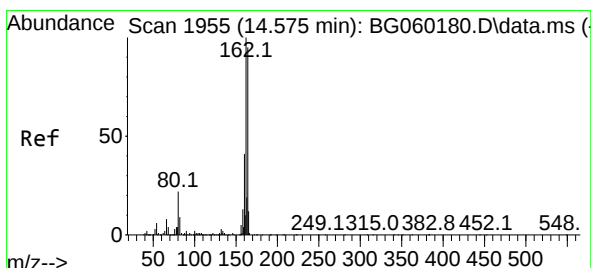
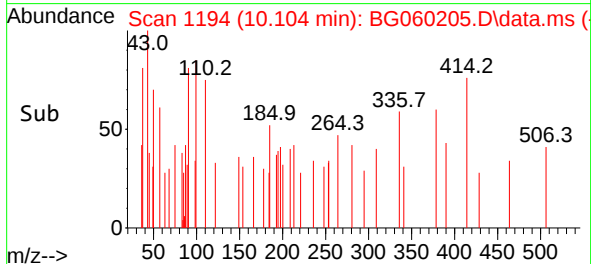
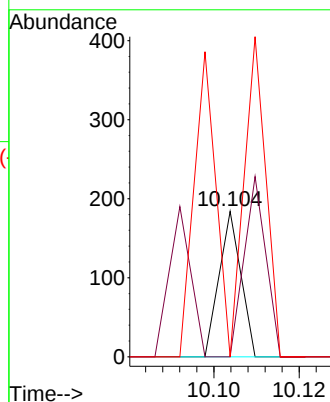
Tgt Ion:122 Resp: 65

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: 14.575 min Scan# 1955

Delta R.T. 0.001 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

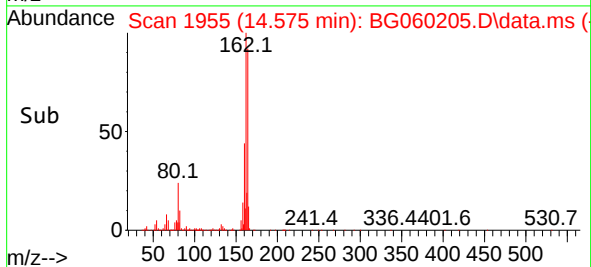
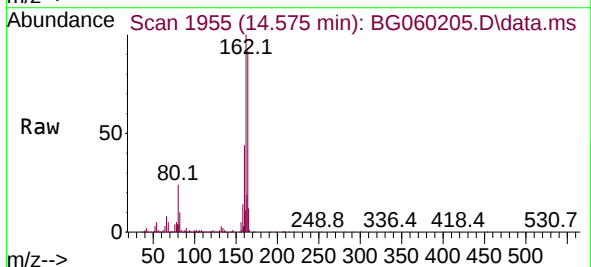
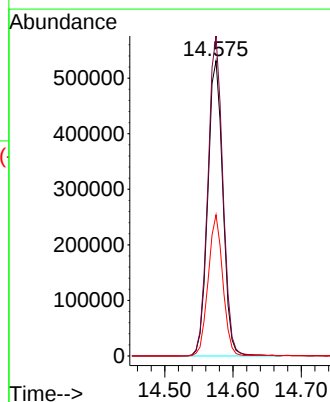
Tgt Ion:164 Resp: 818434

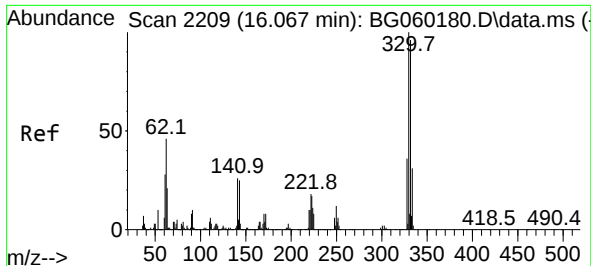
Ion Ratio Lower Upper

164 100

162 108.4 83.9 125.9

160 47.8 34.2 51.4

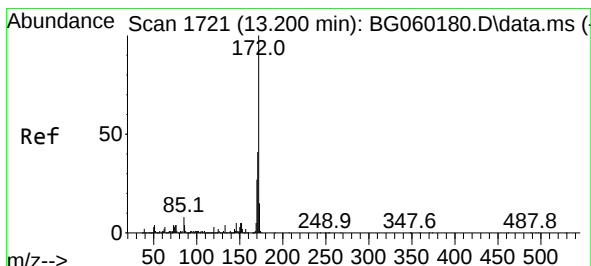
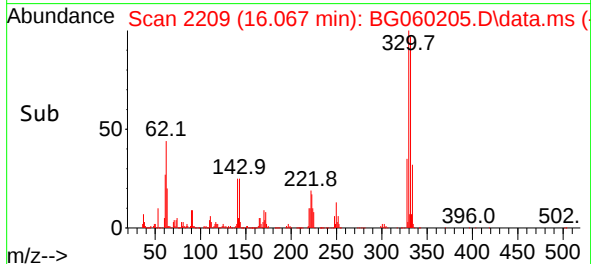
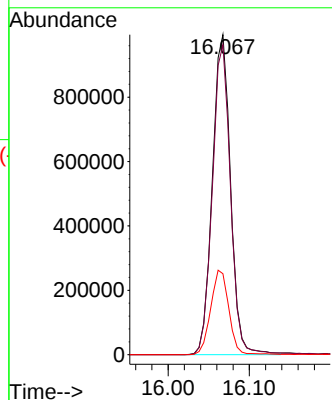
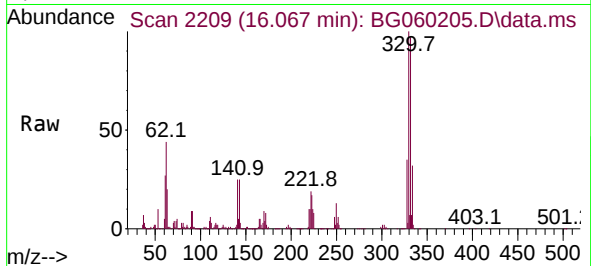




#42
2,4,6-Tribromophenol
Concen: 140.947 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

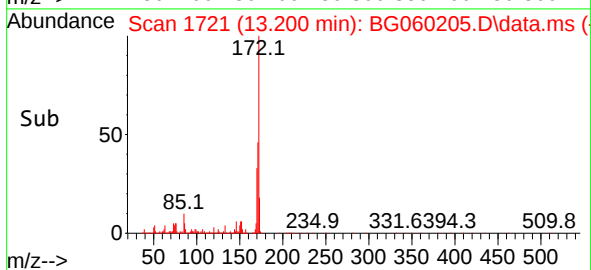
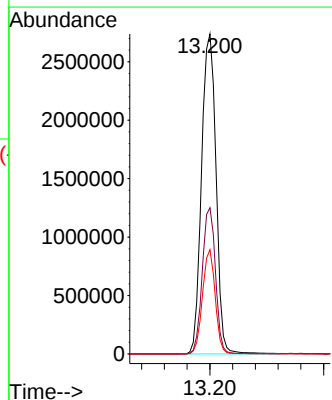
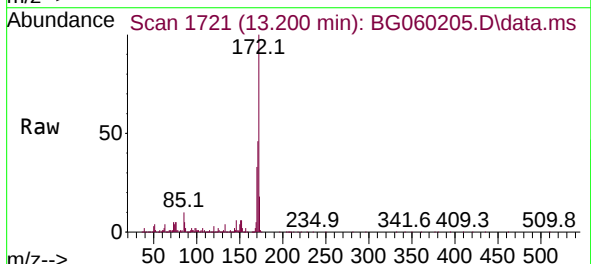
Instrument :
BNA_G
ClientSampleId :

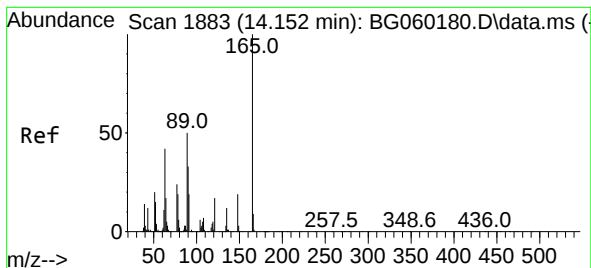
Tgt Ion:330 Resp: 1544155
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 26.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 85.045 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Tgt Ion:172 Resp: 4842952
Ion Ratio Lower Upper
172 100
171 45.7 32.6 48.8
170 32.6 21.8 32.6

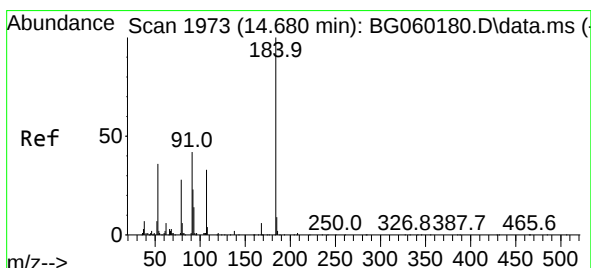
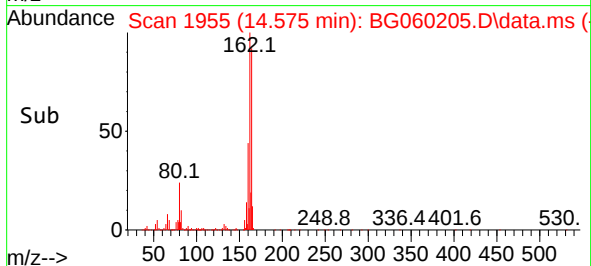
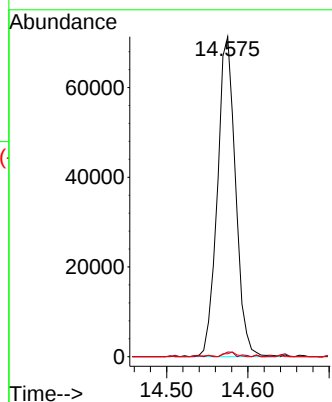
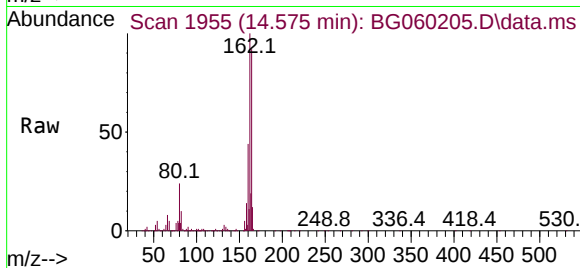




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.424 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

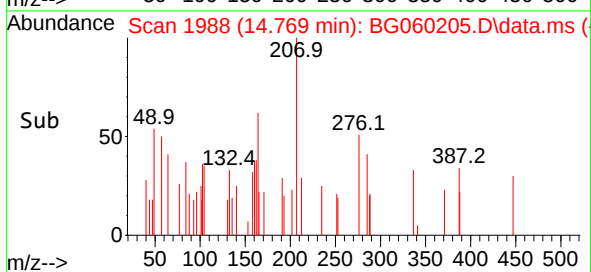
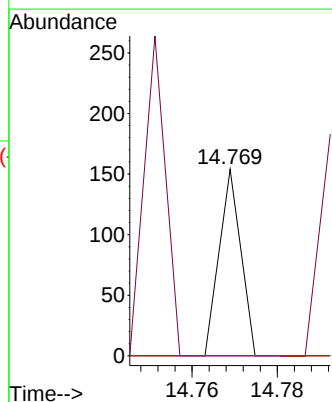
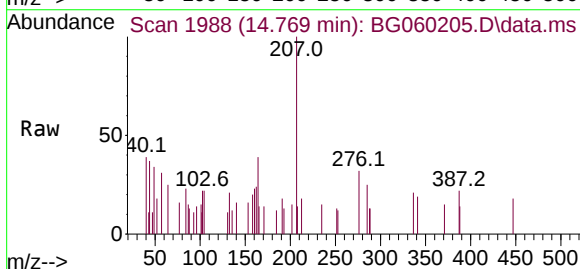
Instrument :
BNA_G
ClientSampleId :

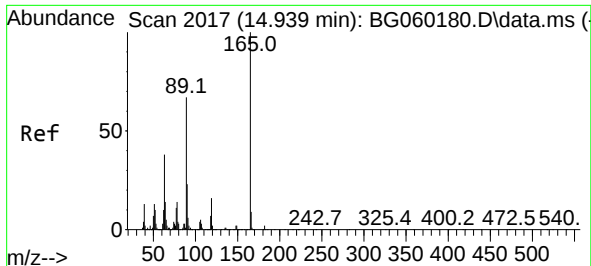
Tgt Ion:165 Resp: 110878
Ion Ratio Lower Upper
165 100
63 1.4 39.3 58.9#
89 0.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.243 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.089 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Tgt Ion:184 Resp: 54
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: 6.204 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.364 min

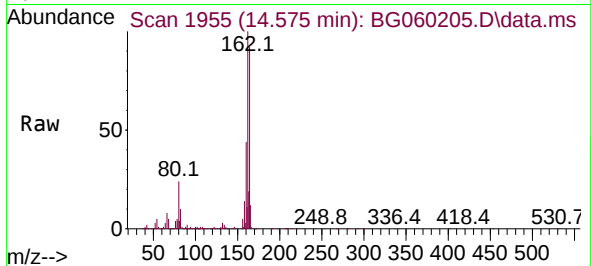
Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 110878

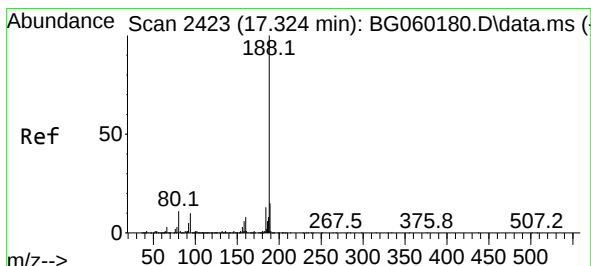
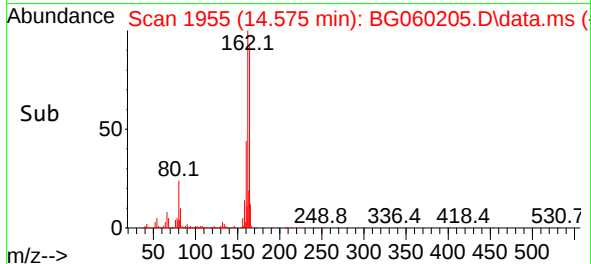
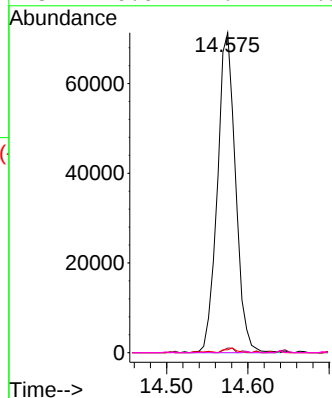
Ion Ratio Lower Upper

165 100

63 1.4 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: 17.325 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

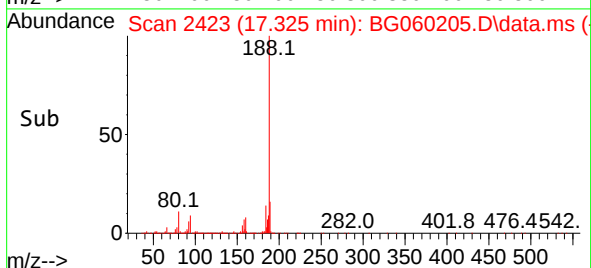
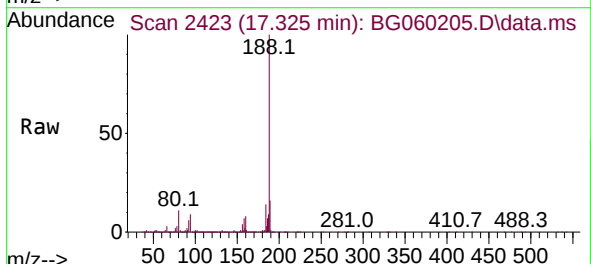
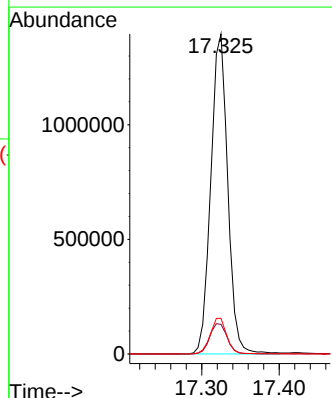
Tgt Ion:188 Resp: 2122143

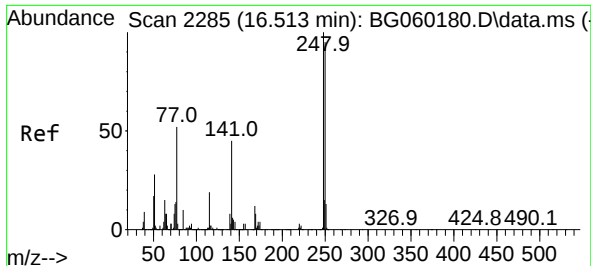
Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 11.2 8.6 13.0

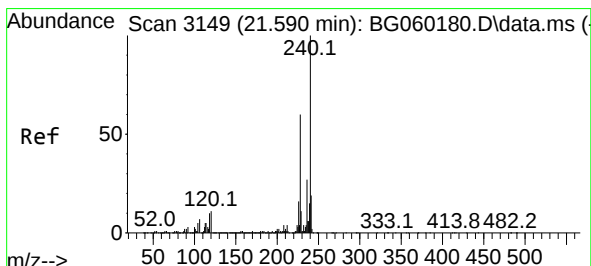
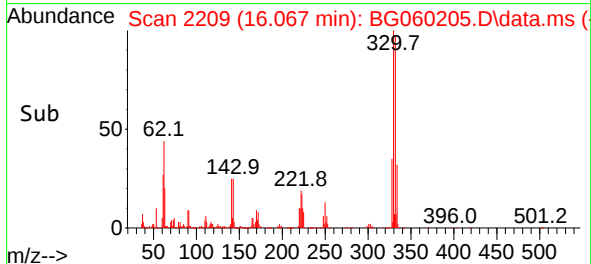
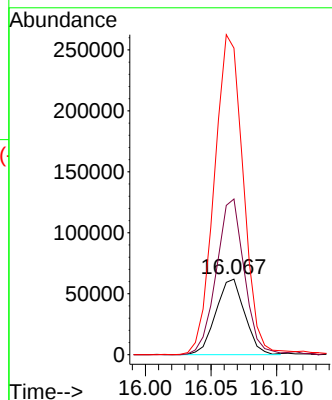
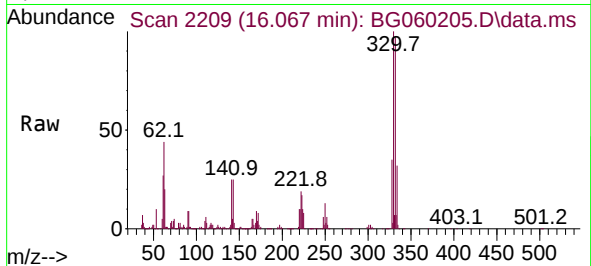




#67
4-Bromophenyl-phenylether
Concen: 4.211 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

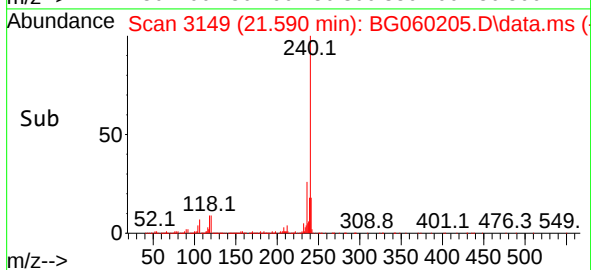
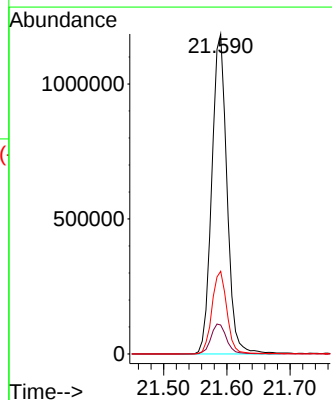
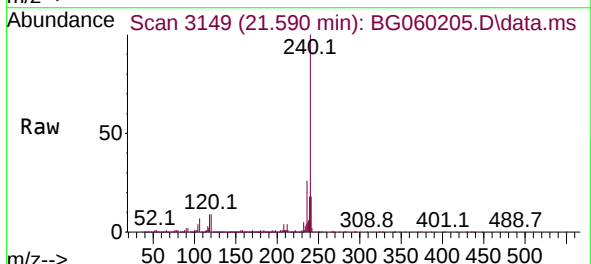
Instrument :
BNA_G
ClientSampleId :

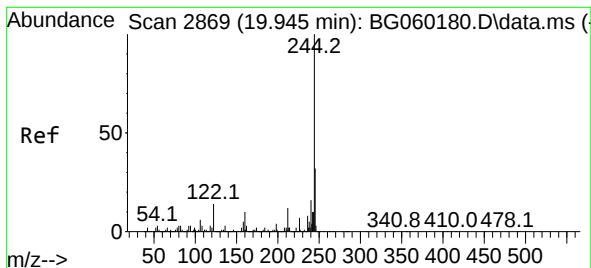
Tgt Ion:248 Resp: 94734
Ion Ratio Lower Upper
248 100
250 206.0 76.2 114.4#
141 405.7 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060205.D
Acq: 2 Jan 2024 23:13

Tgt Ion:240 Resp: 1976872
Ion Ratio Lower Upper
240 100
120 9.1 8.5 12.7
236 25.8 21.4 32.2





#79

Terphenyl-d14

Concen: 63.348 ng

RT: 19.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Instrument :

BNA_G

ClientSampleId :

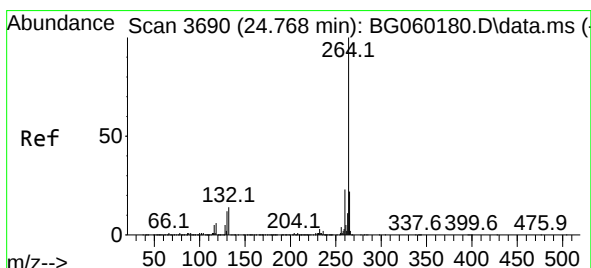
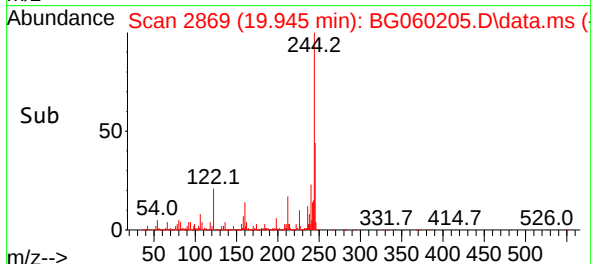
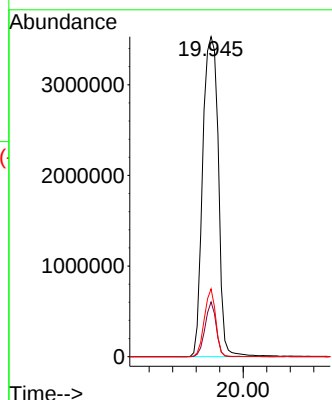
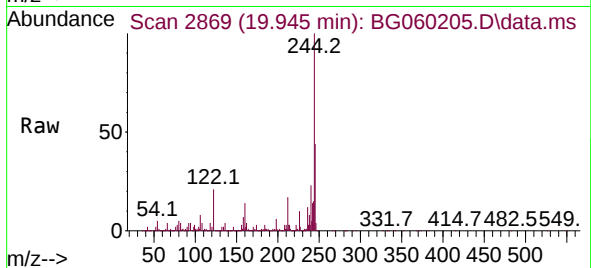
Tgt Ion:244 Resp: 6514017

Ion Ratio Lower Upper

244 100

212 17.1 9.5 14.3#

122 21.2 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3689

Delta R.T. -0.005 min

Lab File: BG060205.D

Acq: 2 Jan 2024 23:13

Tgt Ion:264 Resp: 2169314

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 22.6 17.4 26.0

