

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060382.D
 Acq On : 22 Jan 2024 12:55
 Operator : MA/JU
 Sample : PB158504TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 13:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

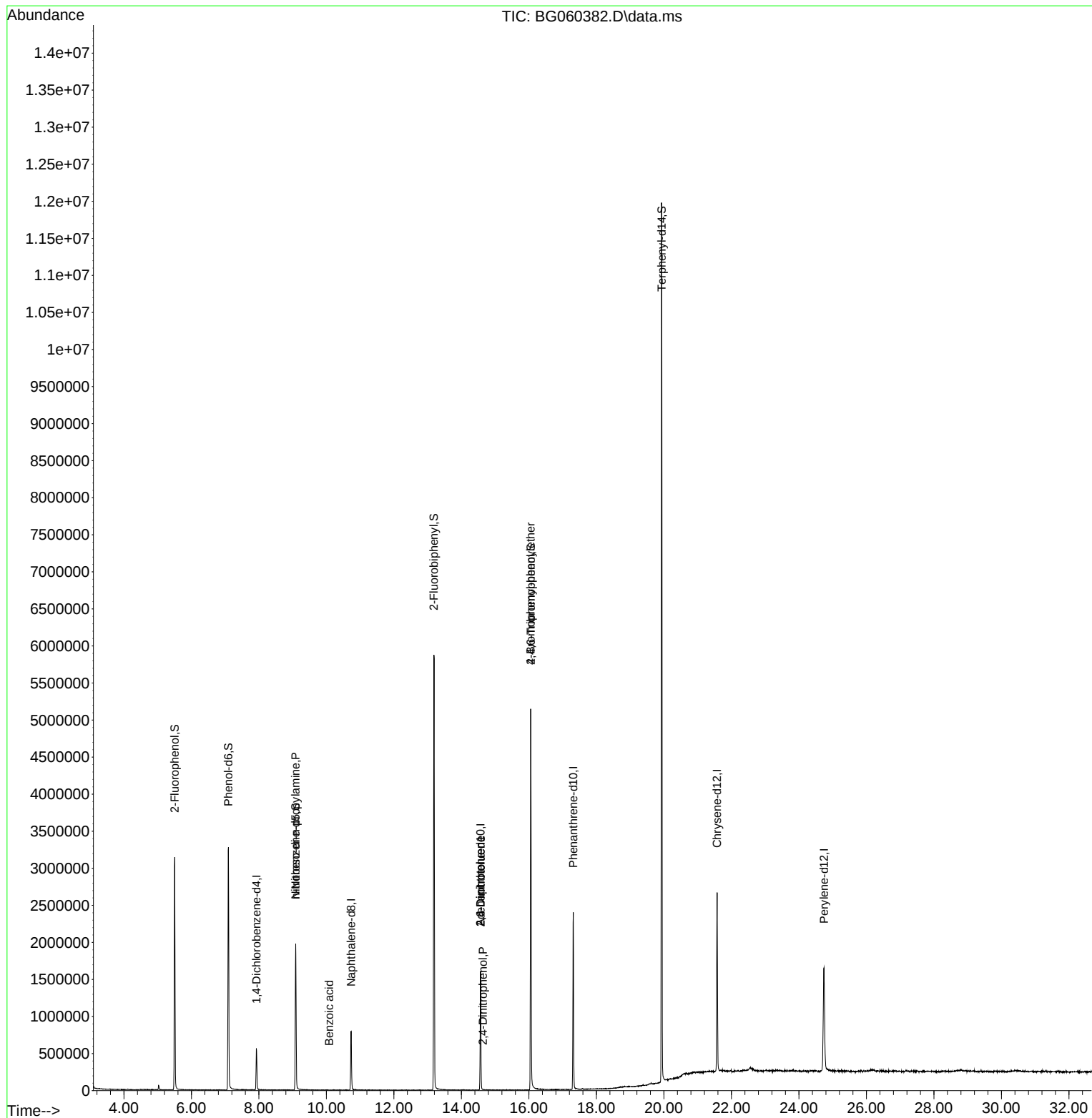
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	183747	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	730329	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	578574	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1630778	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1505646	20.000	ng	0.00
86) Perylene-d12	24.742	264	1643762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1505200	134.736	ng	0.00
7) Phenol-d6	7.092	99	2294448	138.701	ng	0.00
23) Nitrobenzene-d5	9.089	82	1376097	88.973	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1212743	142.466	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	3462253	83.198	ng	0.00
79) Terphenyl-d14	19.935	244	5581004	99.837	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.089	70	171744	15.001	ng	# 85
32) Benzoic acid	10.082	122	65	10.208	ng	# 1
51) 2,6-Dinitrotoluene	14.565	165	77286	8.192	ng	# 33
54) 2,4-Dinitrophenol	14.636	184	114	8.604	ng	# 27
57) 2,4-Dinitrotoluene	14.565	165	77286	5.974	ng	# 26
67) 4-Bromophenyl-phenylether	16.052	248	77347	4.316	ng	# 1

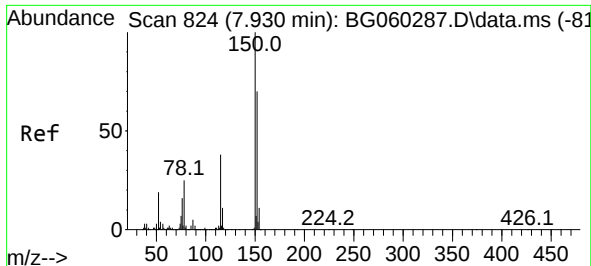
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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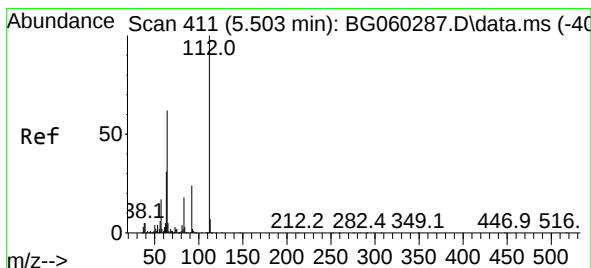
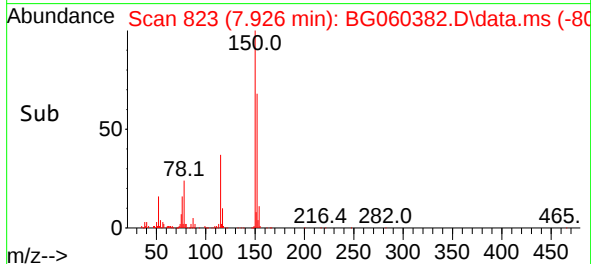
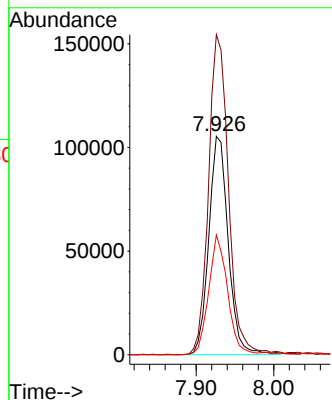
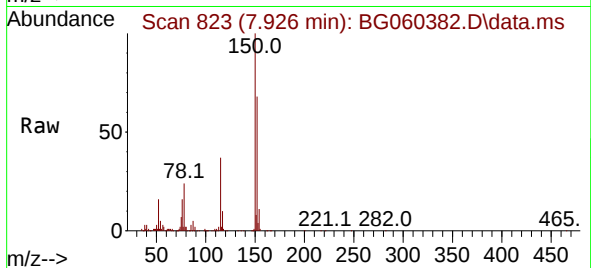




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

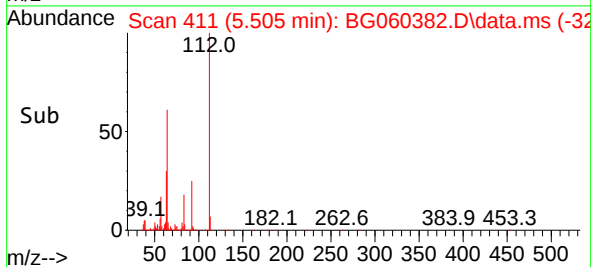
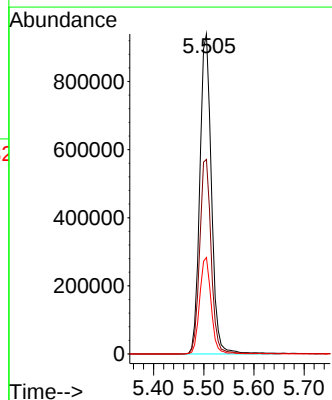
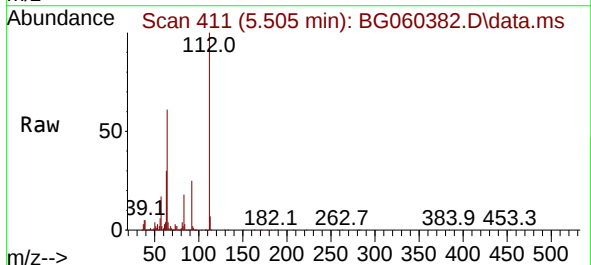
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 183747
Ion Ratio Lower Upper
152 100
150 146.5 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 134.736 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:112 Resp: 1505200
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 30.1 24.4 36.6

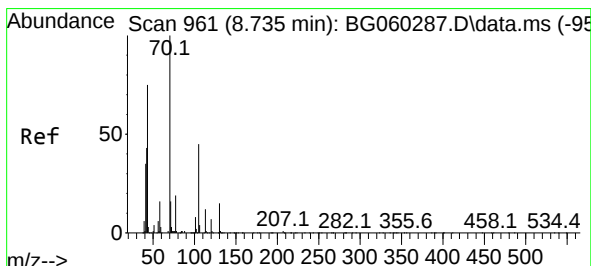
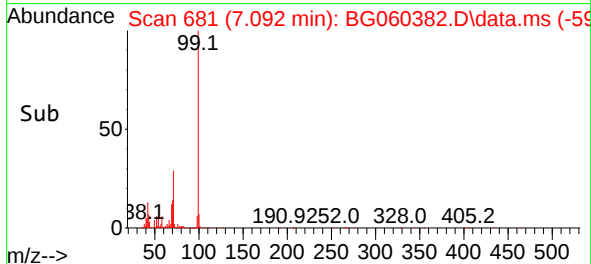
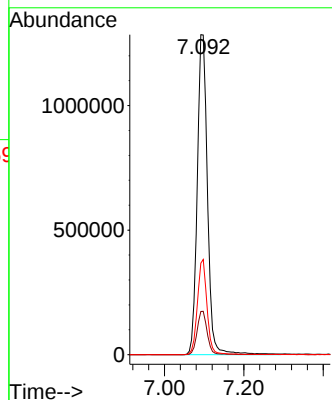
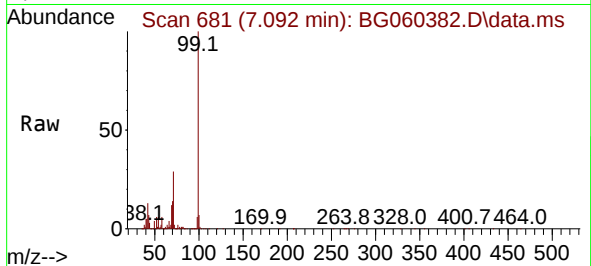




#7
Phenol-d6
Concen: 138.701 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

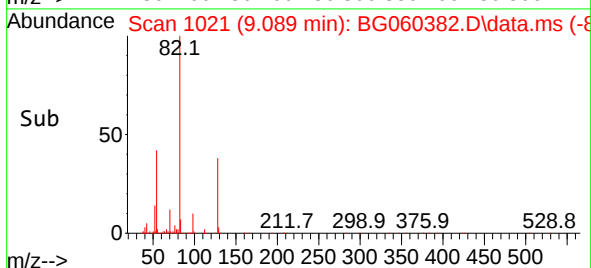
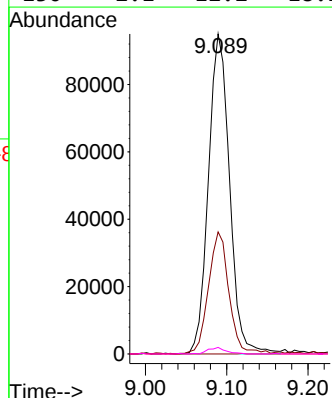
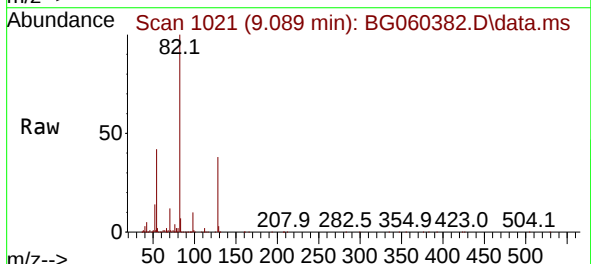
Instrument :
BNA_G
ClientSampleId :

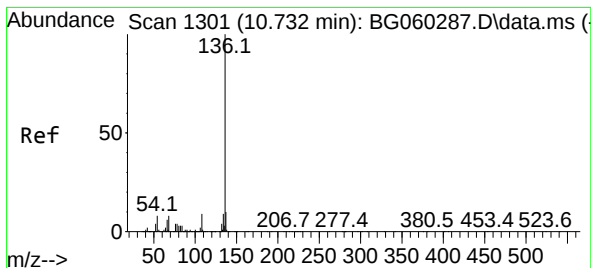
Tgt Ion: 99 Resp: 2294448
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.001 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion: 70 Resp: 171744
Ion Ratio Lower Upper
70 100
42 38.1 34.3 51.5
101 0.0 6.2 9.2#
130 2.1 12.2 18.2#

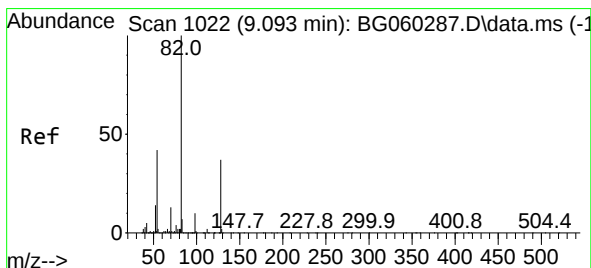
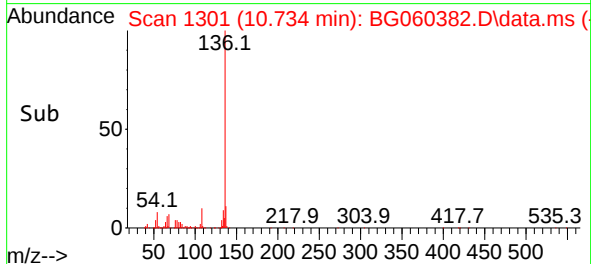
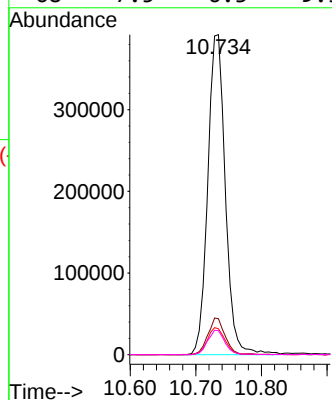
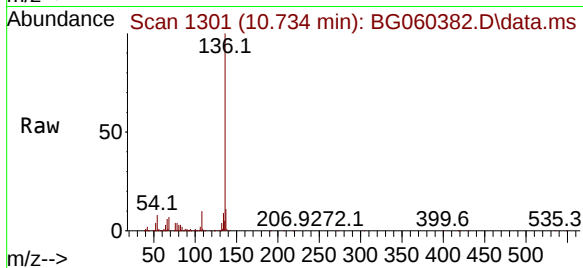




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

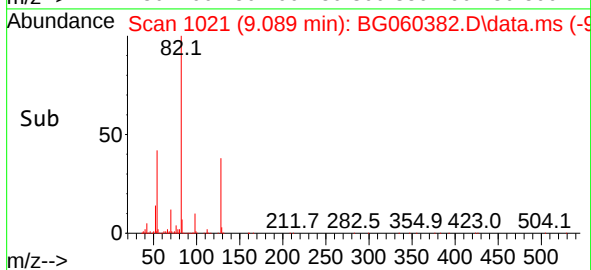
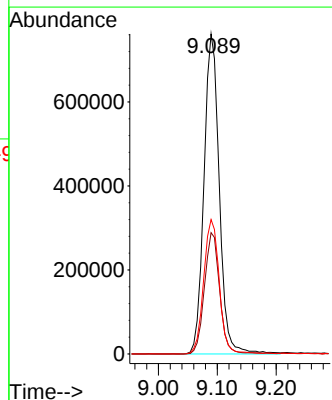
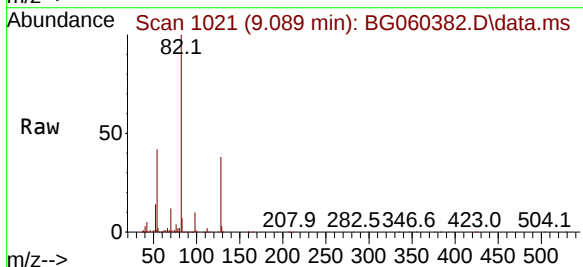
Instrument :
BNA_G
ClientSampleId :

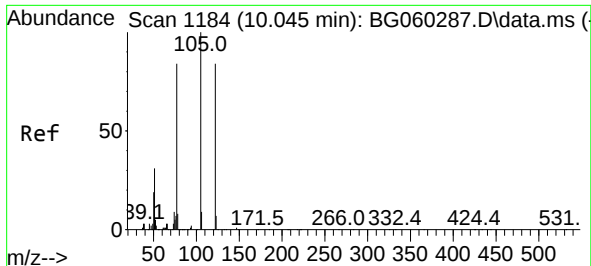
Tgt Ion:	136	Resp:	730329
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	8.1	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 88.973 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:	82	Resp:	1376097
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	42.0	33.6	50.4

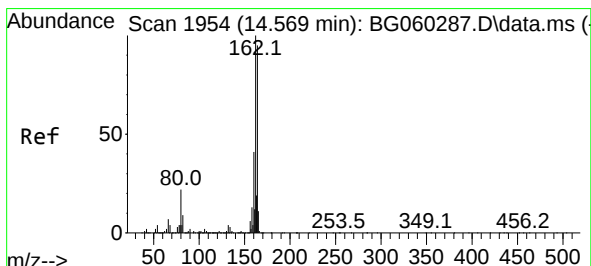
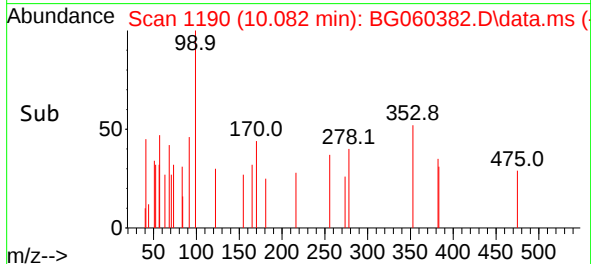
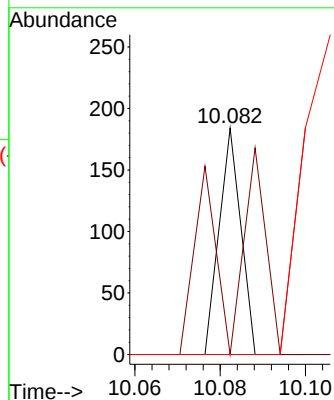
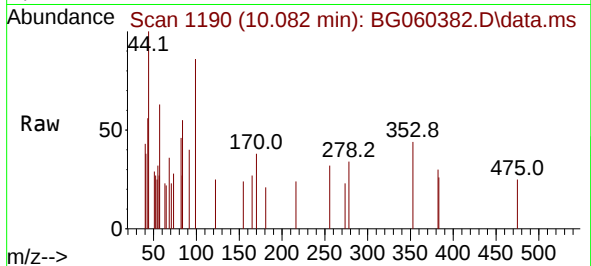




#32
Benzoic acid
Concen: 10.208 ng
RT: 10.082 min Scan# 1184
Delta R.T. 0.037 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

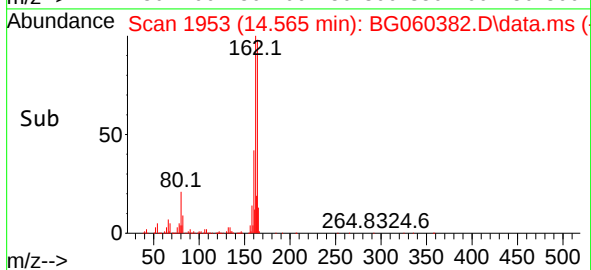
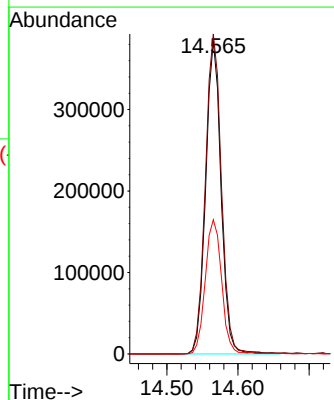
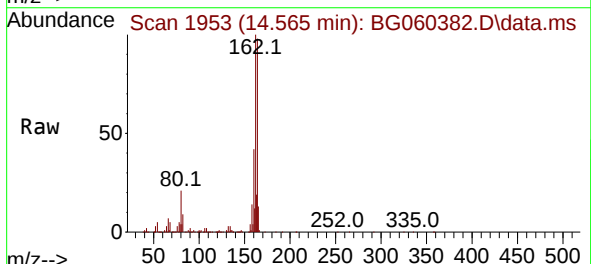
Instrument :
BNA_G
ClientSampleId :

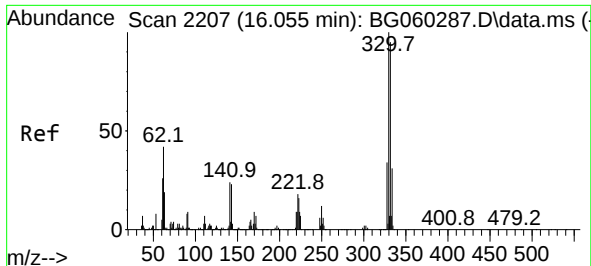
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:164 Resp: 578574
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 42.9 34.6 52.0

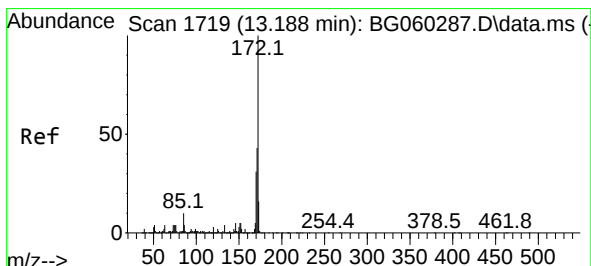
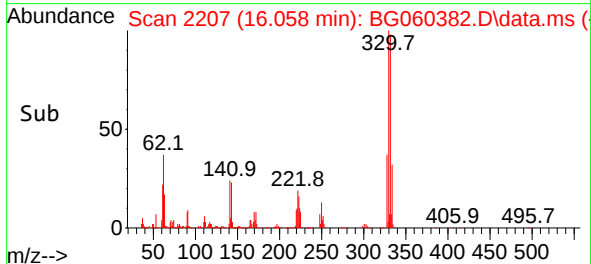
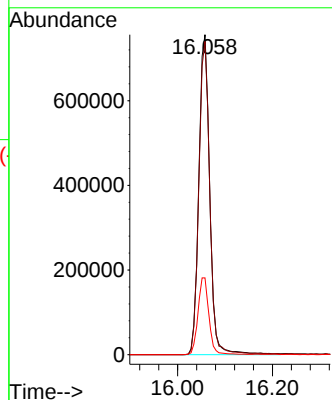
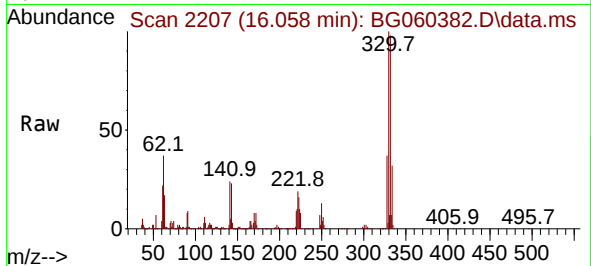




#42
2,4,6-Tribromophenol
Concen: 142.466 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

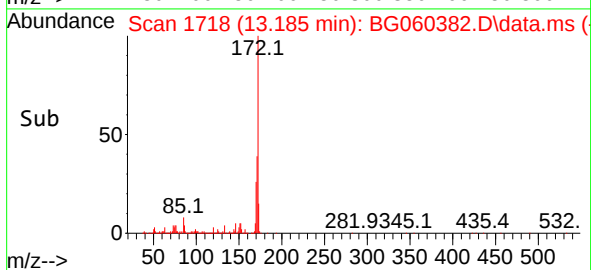
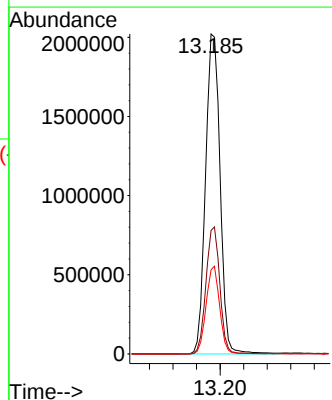
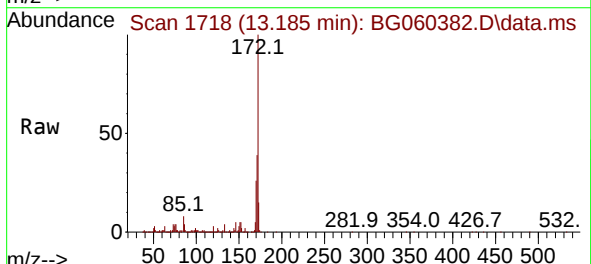
Instrument :
BNA_G
ClientSampleId :

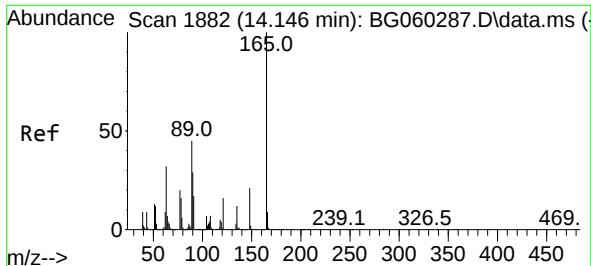
Tgt Ion:330 Resp: 1212743
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.198 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:172 Resp: 3462253
Ion Ratio Lower Upper
172 100
171 38.6 34.6 51.8
170 26.3 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.192 ng

RT: 14.565 min Scan# 1953

Delta R.T. 0.419 min

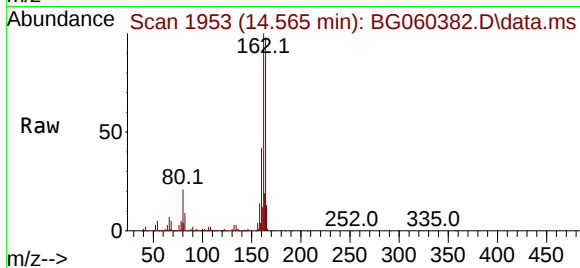
Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Instrument :

BNL_G

ClientSampleId :



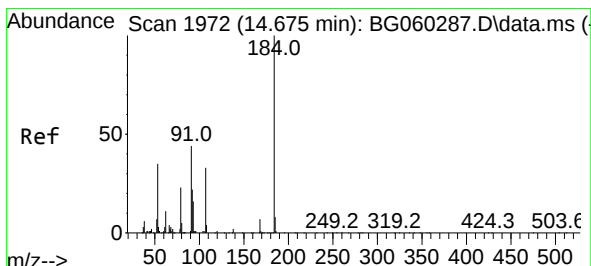
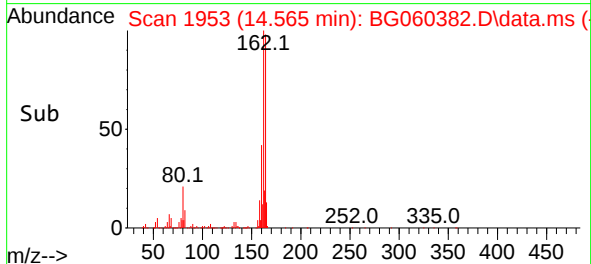
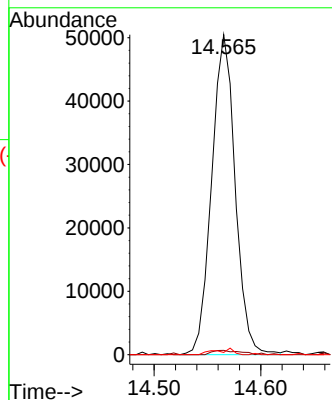
Tgt Ion:165 Resp: 77286

Ion Ratio Lower Upper

165 100

63 1.4 35.0 52.4#

89 0.7 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.604 ng

RT: 14.636 min Scan# 1965

Delta R.T. -0.039 min

Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

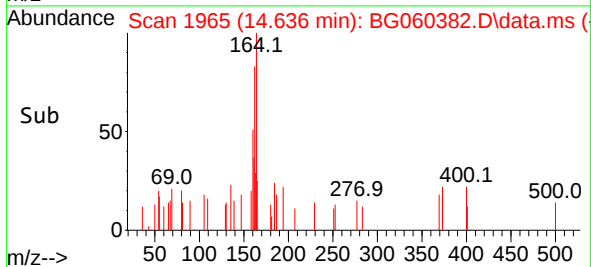
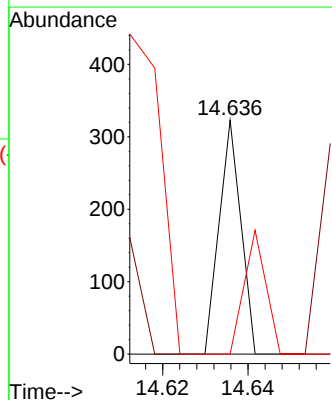
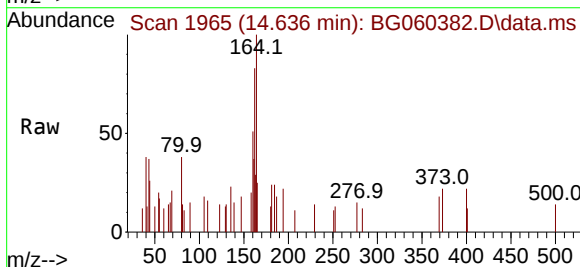
Tgt Ion:184 Resp: 114

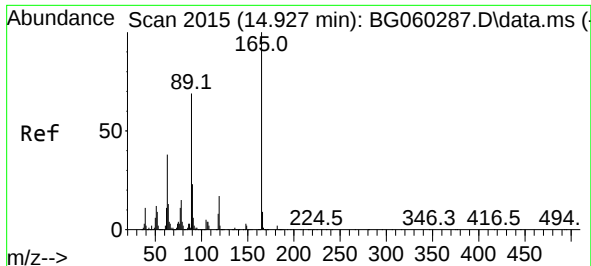
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.974 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.362 min

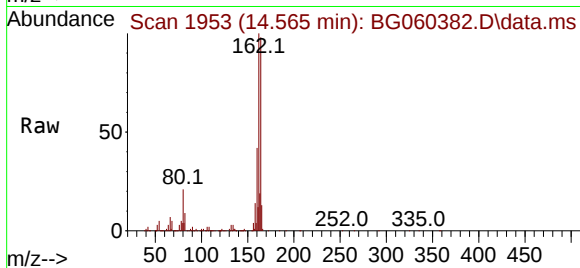
Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 77286

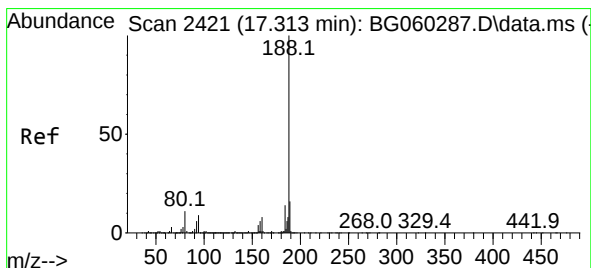
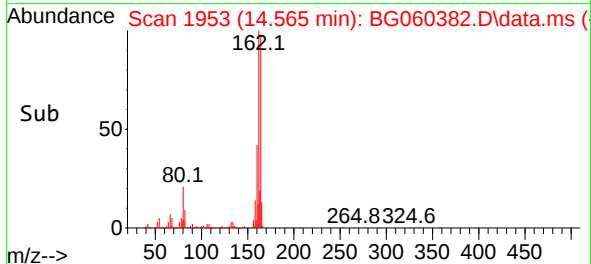
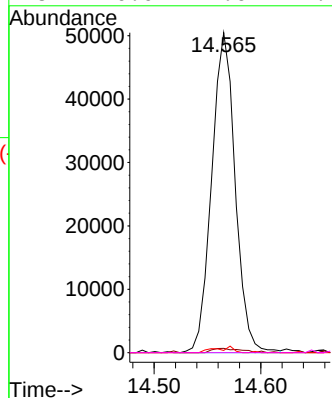
Ion Ratio Lower Upper

165 100

63 1.4 30.4 45.6#

89 0.7 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2421

Delta R.T. 0.002 min

Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

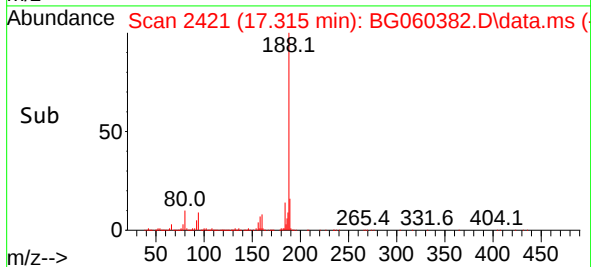
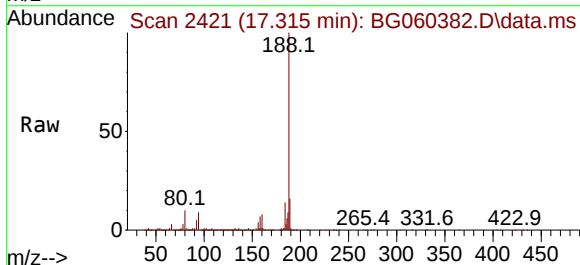
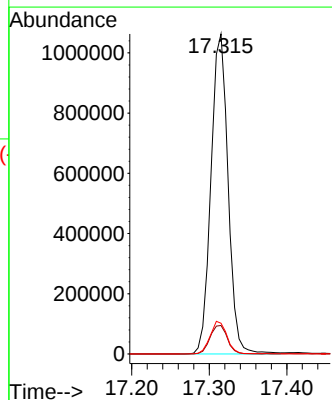
Tgt Ion:188 Resp: 1630778

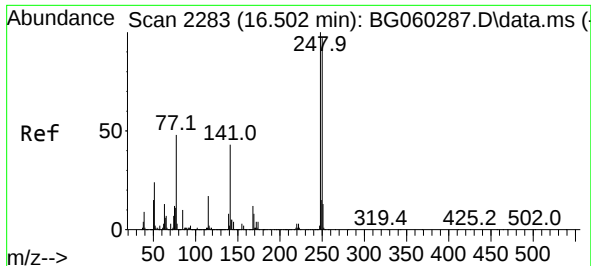
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.6 8.5 12.7

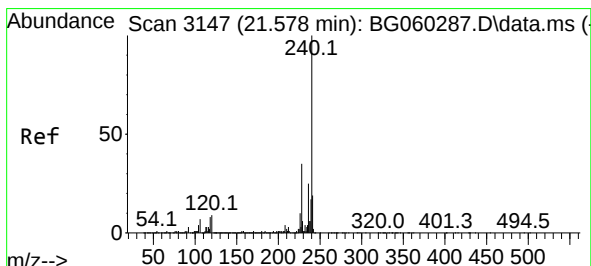
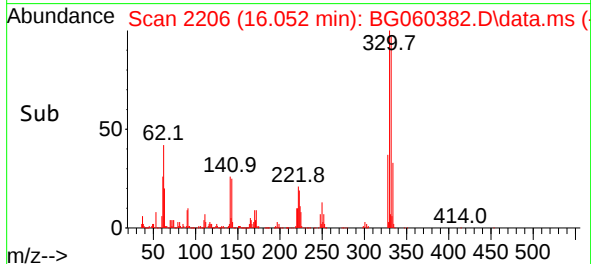
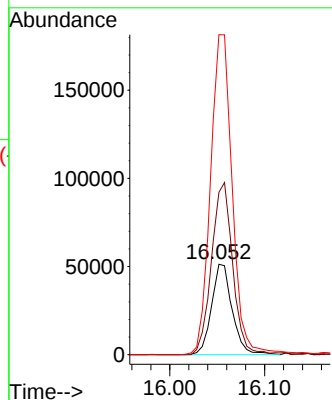
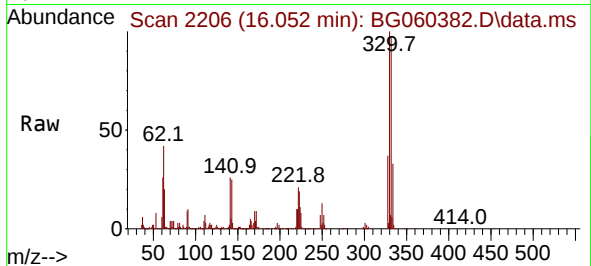




#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

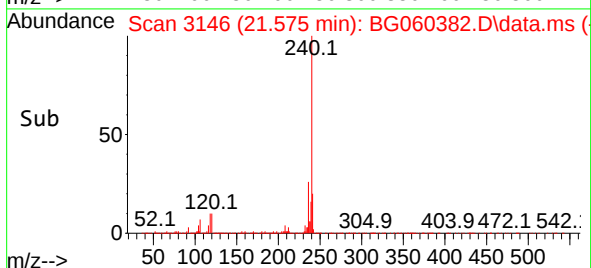
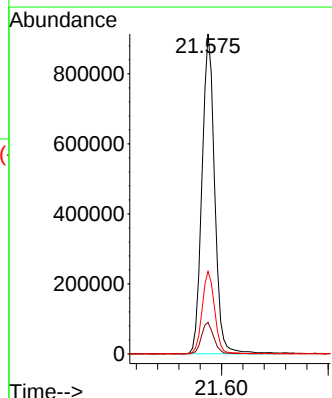
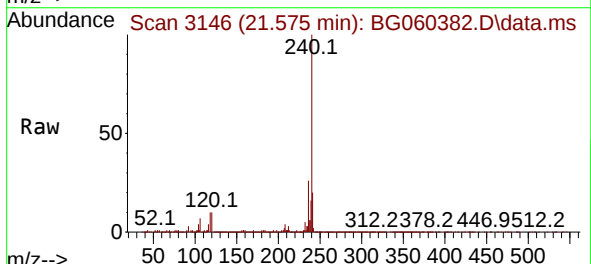
Instrument :
BNA_G
ClientSampleId :

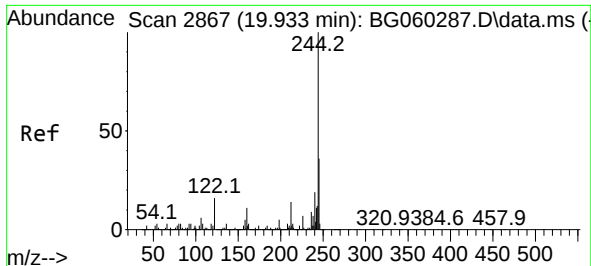
Tgt Ion:248 Resp: 77347
Ion Ratio Lower Upper
248 100
250 179.7 77.6 116.4#
141 354.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:240 Resp: 1505646
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.8 20.3 30.5

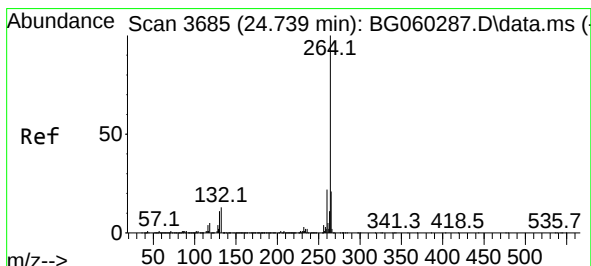
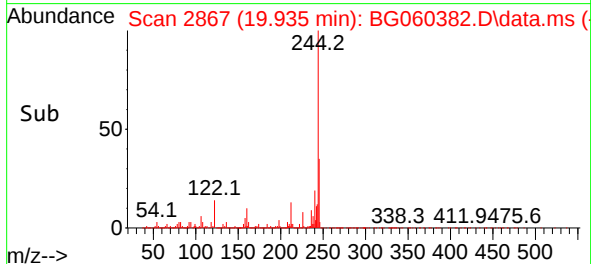
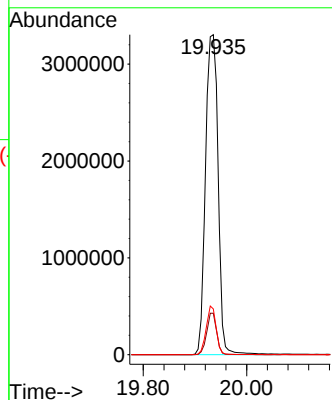
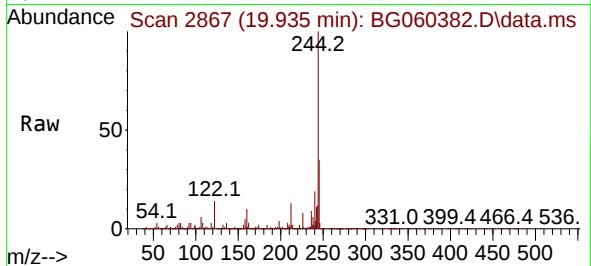




#79
 Terphenyl-d14
 Concen: 99.837 ng
 RT: 19.935 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG060382.D
 Acq: 22 Jan 2024 12:55

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 5581004
 Ion Ratio Lower Upper
 244 100
 212 13.0 10.9 16.3
 122 14.3 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.742 min Scan# 3685
 Delta R.T. 0.002 min
 Lab File: BG060382.D
 Acq: 22 Jan 2024 12:55

Tgt Ion:264 Resp: 1643762
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.5 16.8 25.2

