

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060389.D
 Acq On : 22 Jan 2024 17:47
 Operator : MA/JU
 Sample : P1207-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 00:38:25 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)

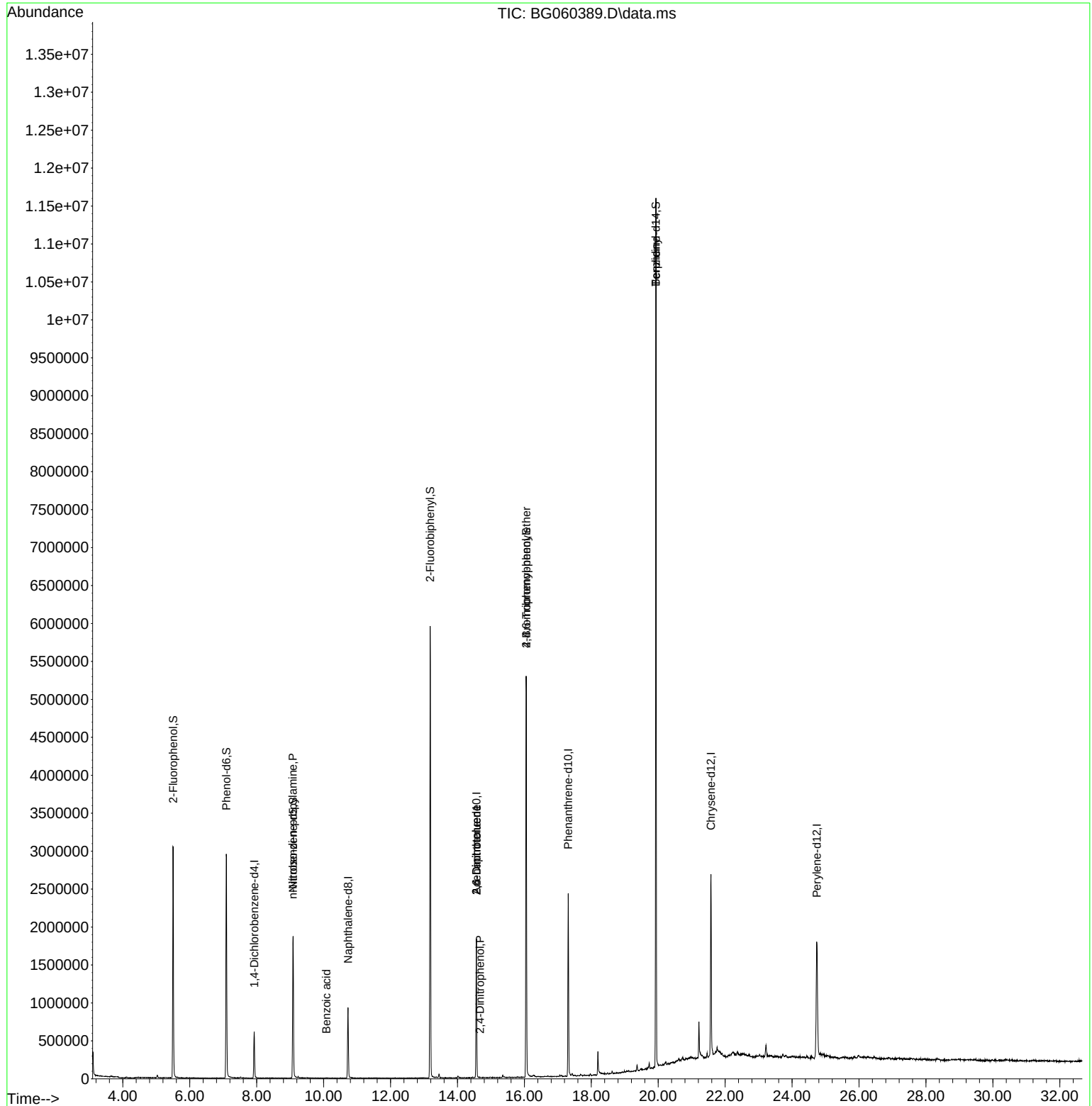
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	195945	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	837229	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	639483	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1647769	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1500907	20.000	ng	0.00
86) Perylene-d12	24.736	264	1705816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1524003	127.927	ng	0.00
7) Phenol-d6	7.092	99	2071261	117.415	ng	0.00
23) Nitrobenzene-d5	9.090	82	1304172	73.556	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1242990	132.112	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	3369431	73.256	ng	0.00
79) Terphenyl-d14	19.930	244	5216686	89.350	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	153684	12.588	ng	# 81
32) Benzoic acid	10.083	122	117	10.212	ng	92
51) 2,6-Dinitrotoluene	14.566	165	84777	8.130	ng	# 33
54) 2,4-Dinitrophenol	14.672	184	69	8.596	ng	# 43
57) 2,4-Dinitrotoluene	14.566	165	84777	5.929	ng	# 25
67) 4-Bromophenyl-phenylether	16.058	248	76208	4.209	ng	# 1
77) Benzidine	19.930	184	87590	2.686	ng	# 93

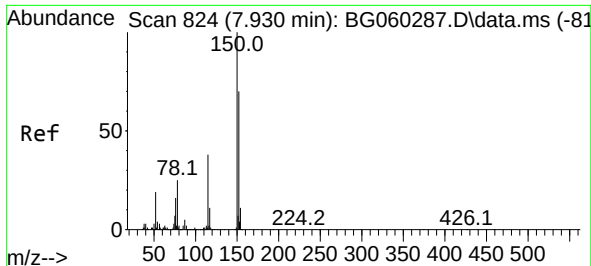
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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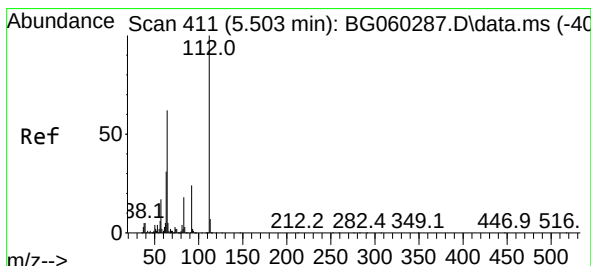
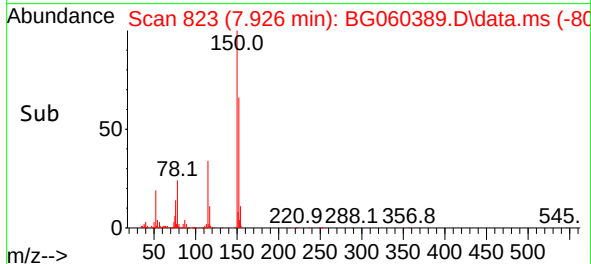
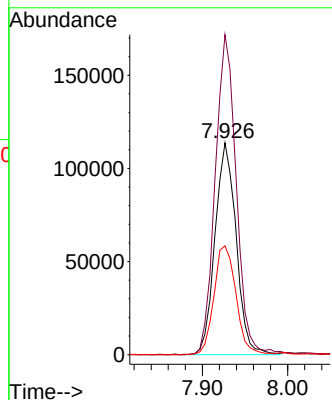
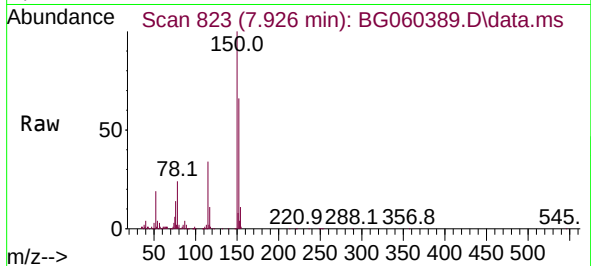




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

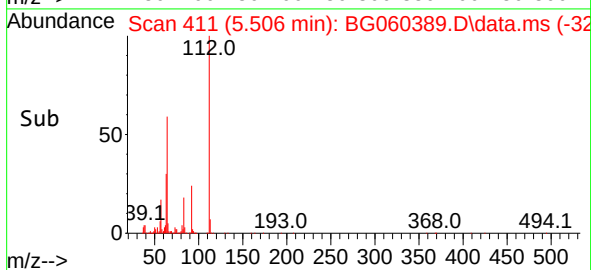
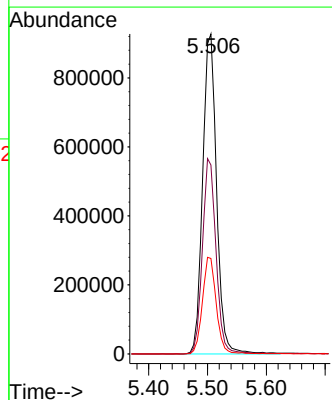
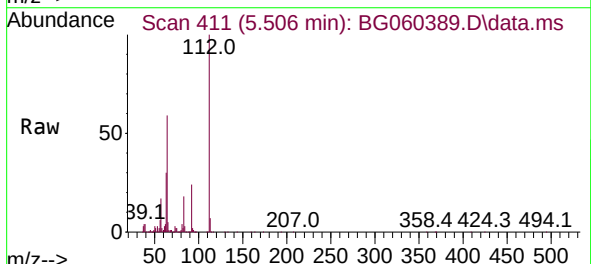
Instrument :
BNA_G
ClientSampleId :

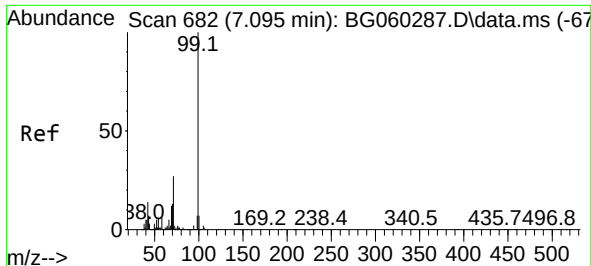
Tgt Ion:152 Resp: 195945
Ion Ratio Lower Upper
152 100
150 151.2 114.5 171.7
115 51.4 43.0 64.6



#5
2-Fluorophenol
Concen: 127.927 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:112 Resp: 1524003
Ion Ratio Lower Upper
112 100
64 59.0 49.8 74.6
63 29.8 24.4 36.6

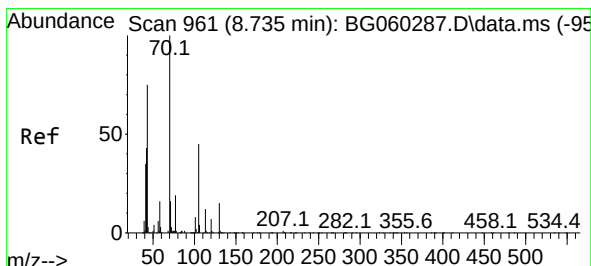
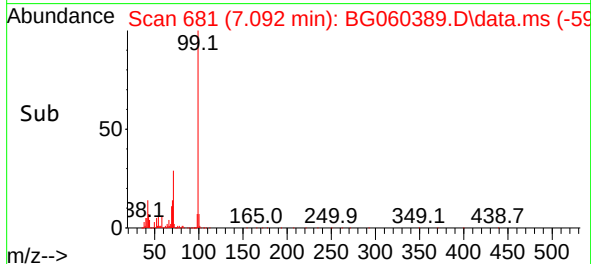
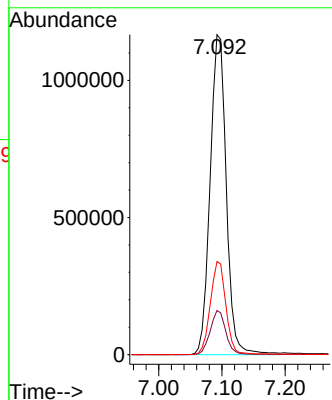
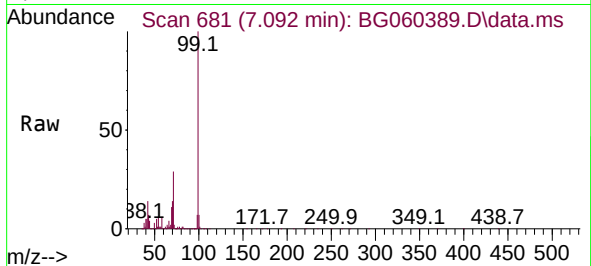




#7
Phenol-d6
Concen: 117.415 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

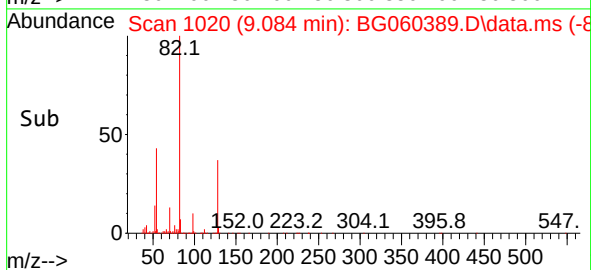
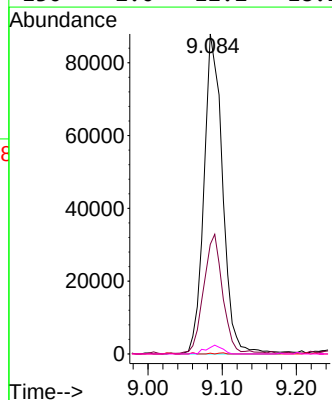
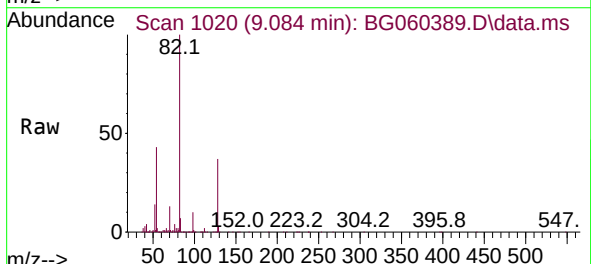
Instrument :
BNA_G
ClientSampleId :

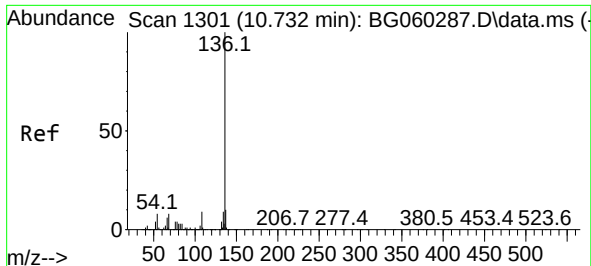
Tgt Ion: 99 Resp: 2071261
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 29.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.588 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion: 70 Resp: 153684
Ion Ratio Lower Upper
70 100
42 34.2 34.3 51.5#
101 0.2 6.2 9.2#
130 2.0 12.2 18.2#

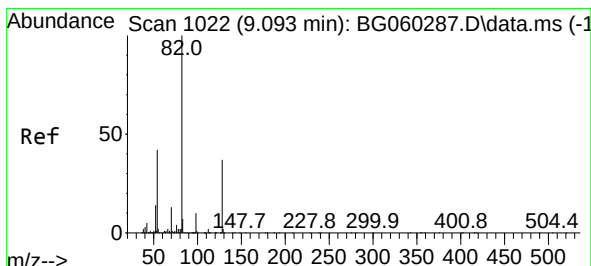
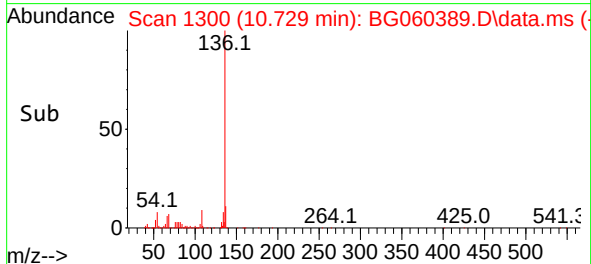
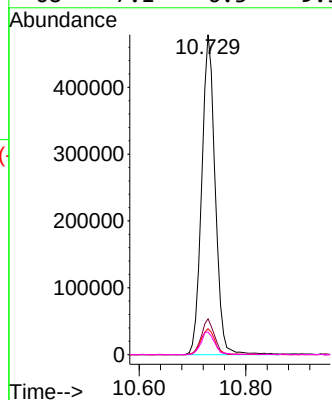
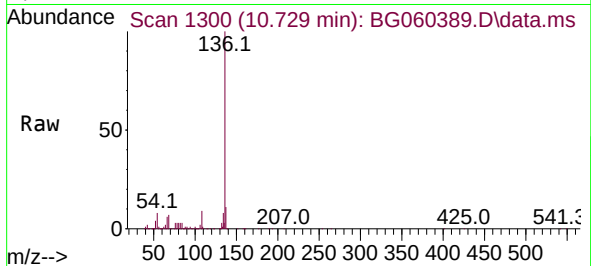




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

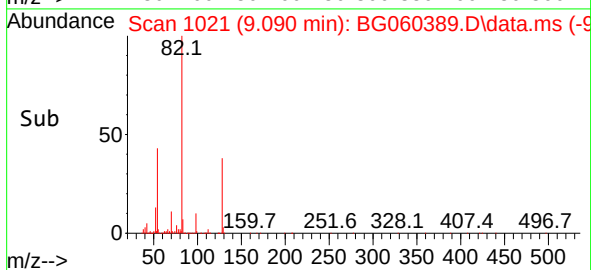
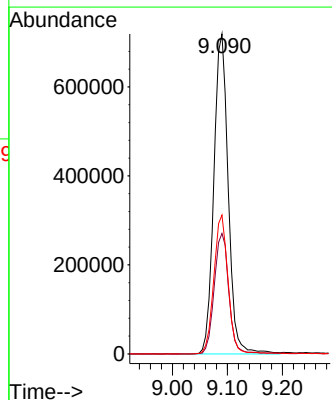
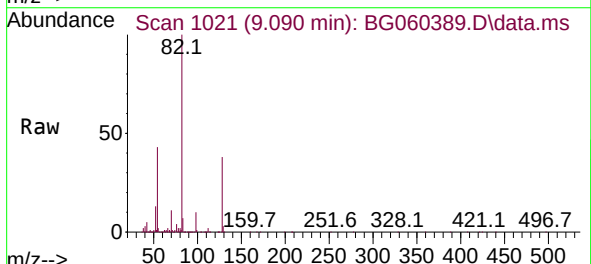
Instrument :
BNA_G
ClientSampleId :

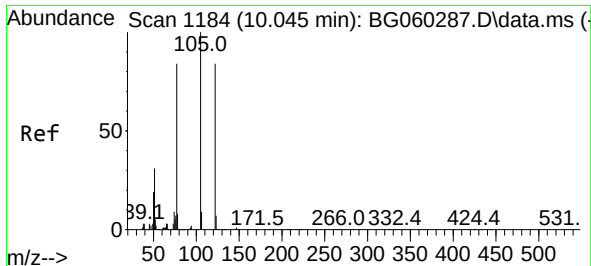
Tgt Ion:	136	Resp:	837229
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	8.1	6.2	9.2
68	7.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 73.556 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:	82	Resp:	1304172
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.6	44.4
54	43.4	33.6	50.4

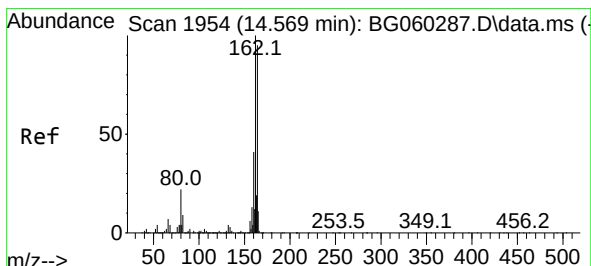
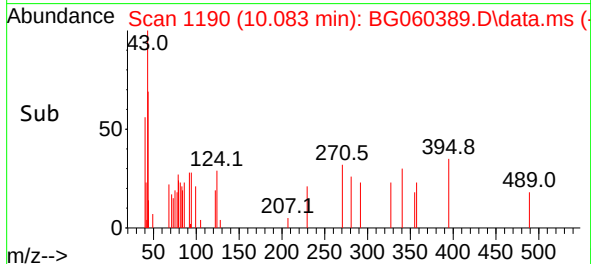
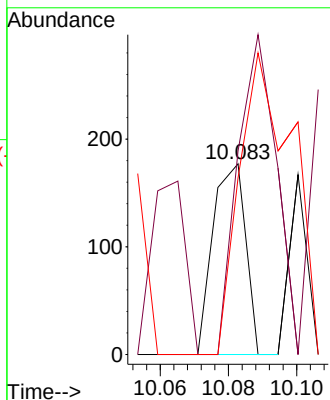
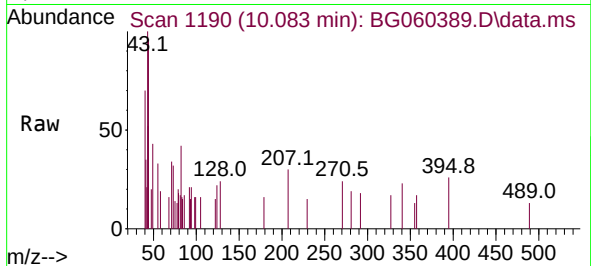




#32
Benzoic acid
Concen: 10.212 ng
RT: 10.083 min Scan# 1184
Delta R.T. 0.038 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

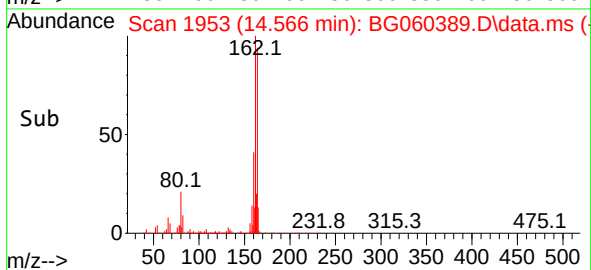
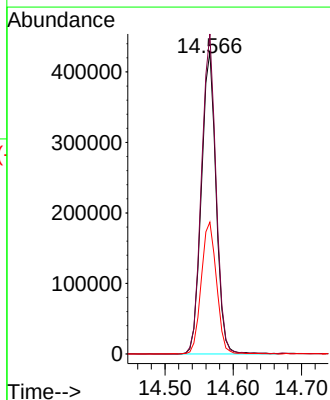
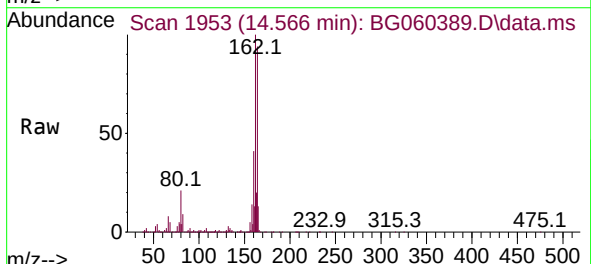
Instrument :
BNA_G
ClientSampleId :

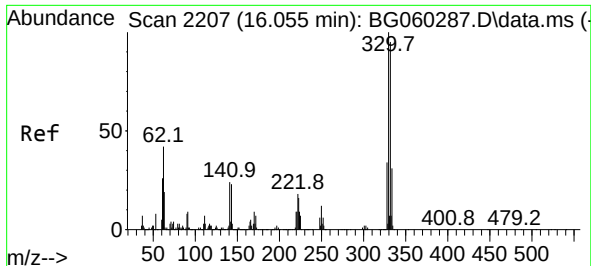
Tgt Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 106.8 96.0 136.0
77 92.7 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

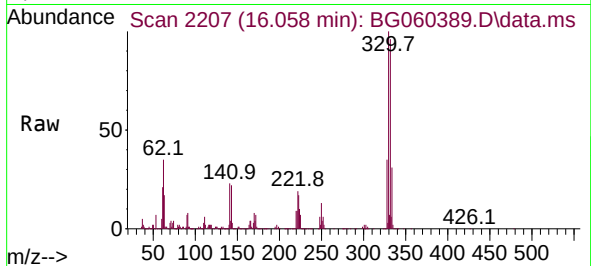
Tgt Ion:164 Resp: 639483
Ion Ratio Lower Upper
164 100
162 105.8 84.4 126.6
160 43.6 34.6 52.0



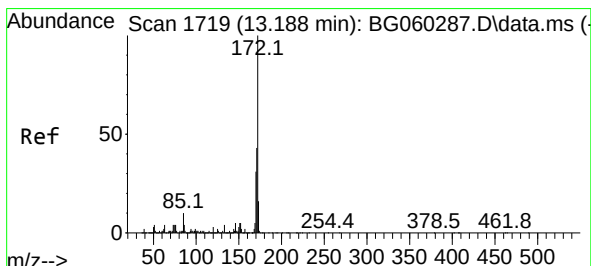
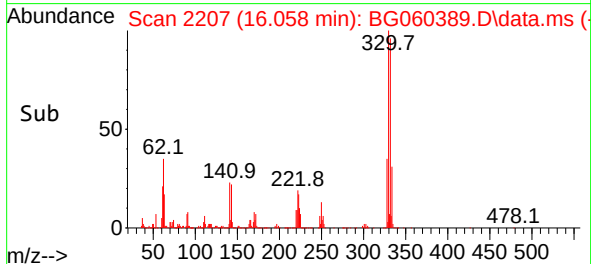
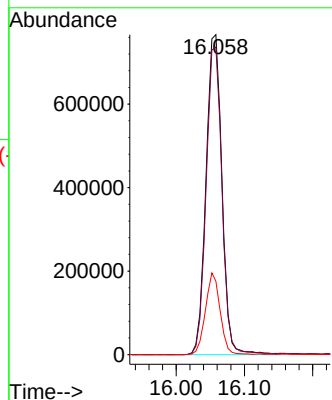


#42
2,4,6-Tribromophenol
Concen: 132.112 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Instrument :
BNA_G
ClientSampleId :

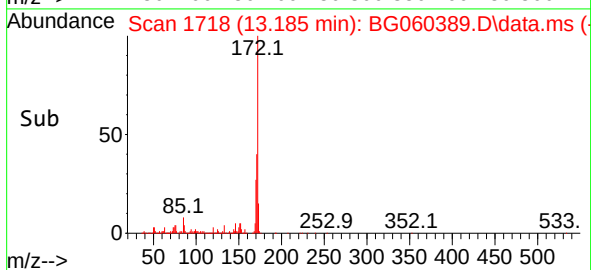
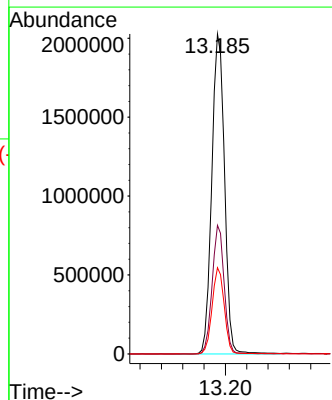
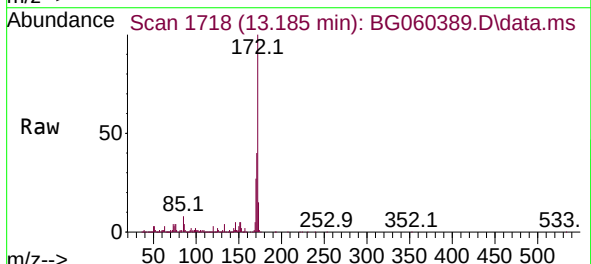


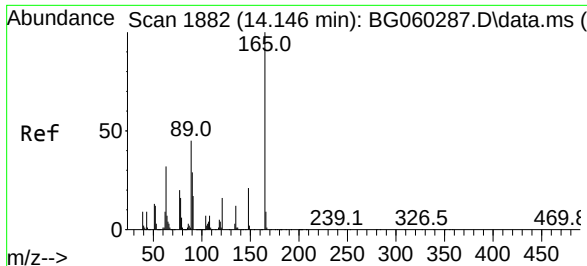
Tgt Ion:330 Resp: 1242990
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 73.256 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:172 Resp: 3369431
Ion Ratio Lower Upper
172 100
171 40.2 34.6 51.8
170 26.9 24.4 36.6

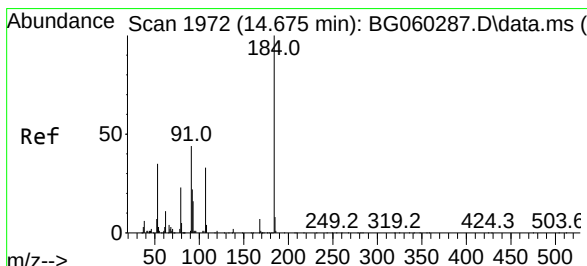
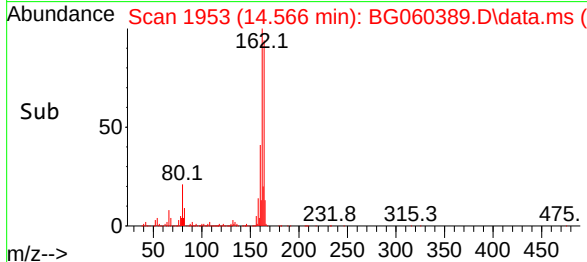
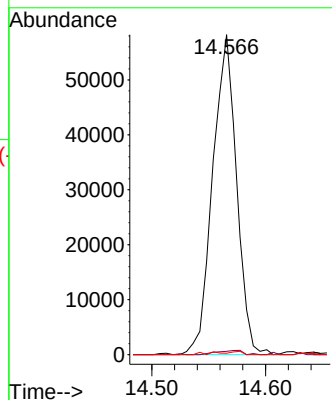
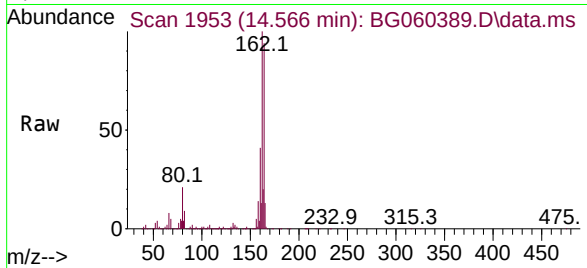




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

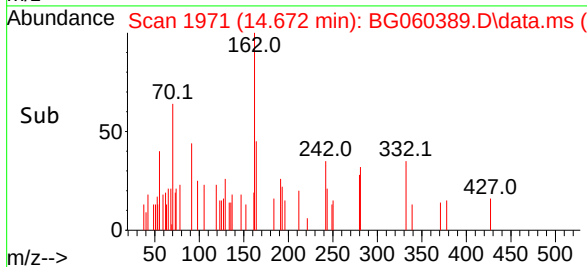
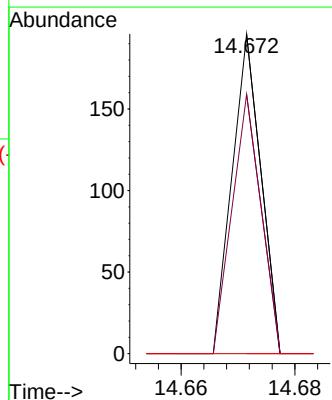
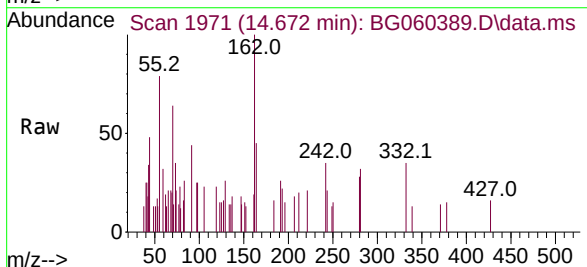
Instrument :
BNA_G
ClientSampleId :

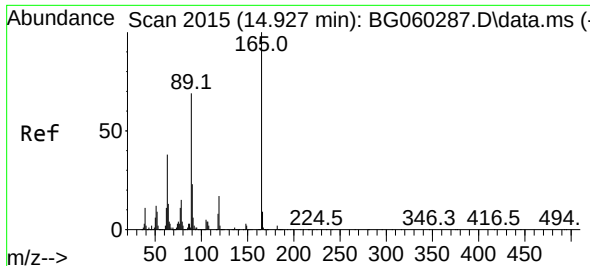
Tgt Ion:165 Resp: 84777
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 0.4 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.596 ng
RT: 14.672 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 81.1 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.929 ng

RT: 14.566 min Scan# 19

Delta R.T. -0.361 min

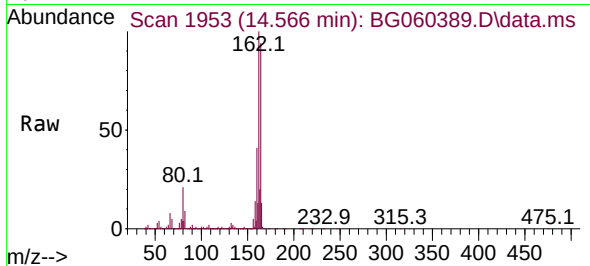
Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 84777

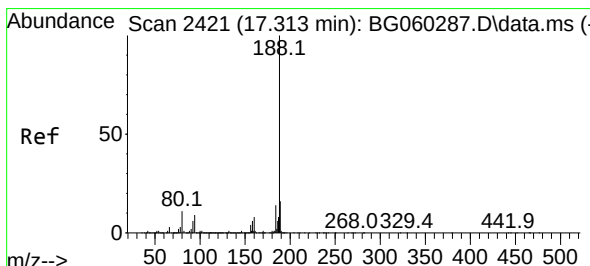
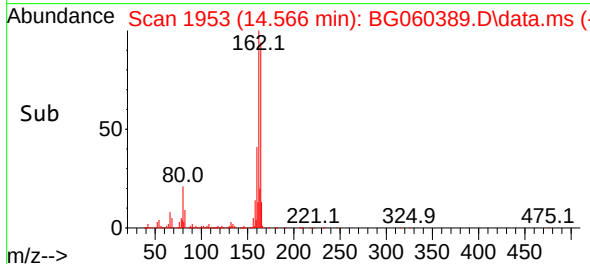
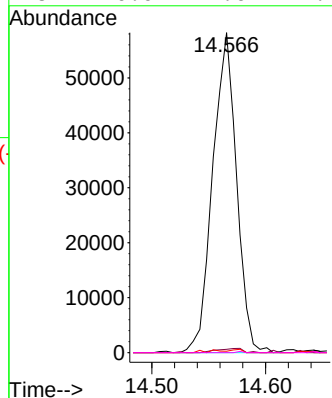
Ion Ratio Lower Upper

165 100

63 1.0 30.4 45.6#

89 0.4 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

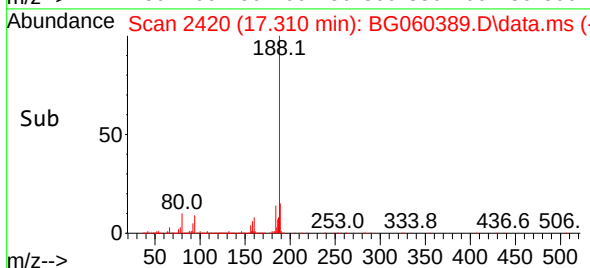
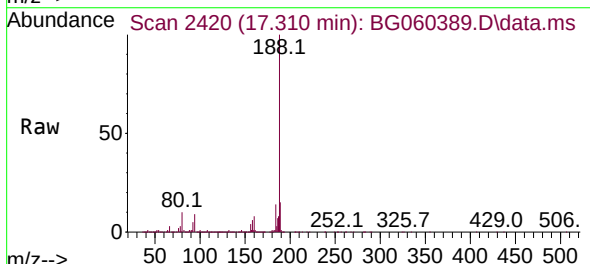
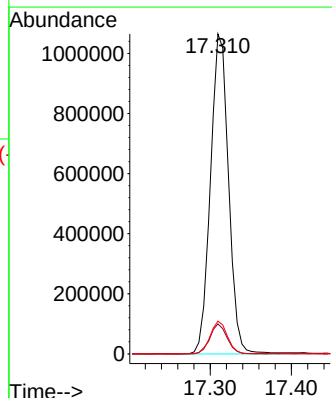
Tgt Ion:188 Resp: 1647769

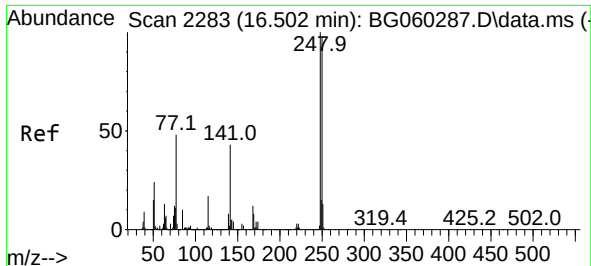
Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

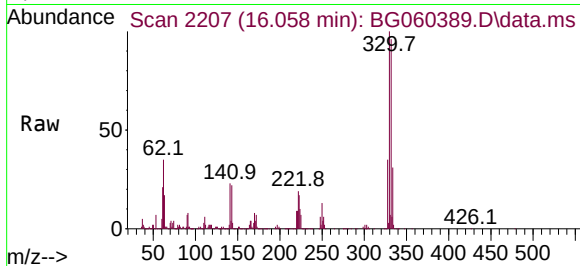
80 10.2 8.5 12.7



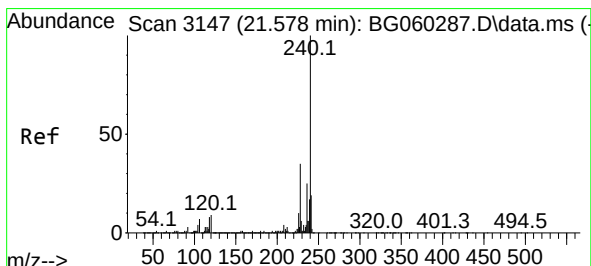
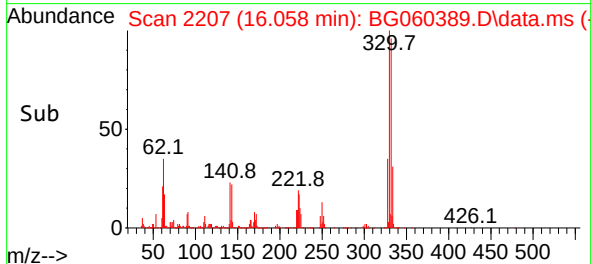
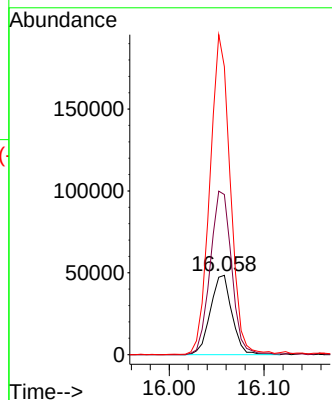


#67
4-Bromophenyl-phenylether
Concen: 4.209 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Instrument :
BNA_G
ClientSampleId :

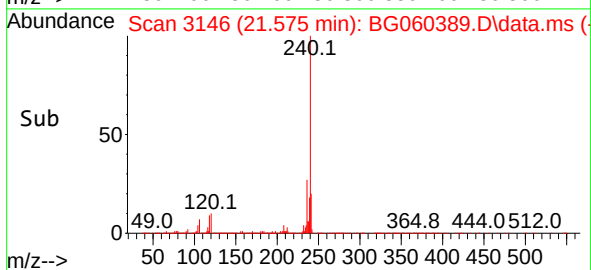
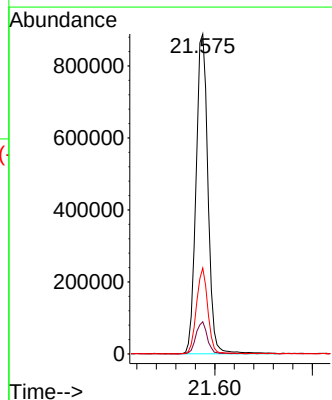
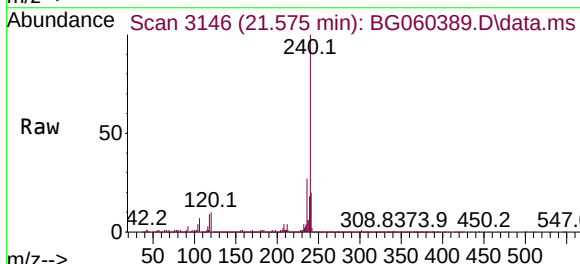


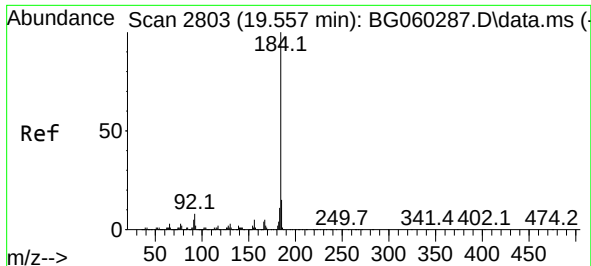
Tgt Ion:248 Resp: 76208
Ion Ratio Lower Upper
248 100
250 201.7 77.6 116.4#
141 362.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:240 Resp: 1500907
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.8 20.3 30.5





#77

Benzidine

Concen: 2.686 ng

RT: 19.930 min Scan# 2866

Delta R.T. 0.373 min

Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

Instrument :

BNA_G

ClientSampleId :

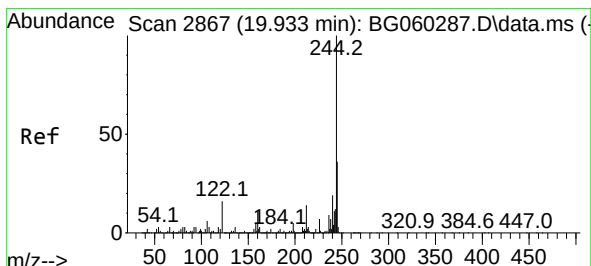
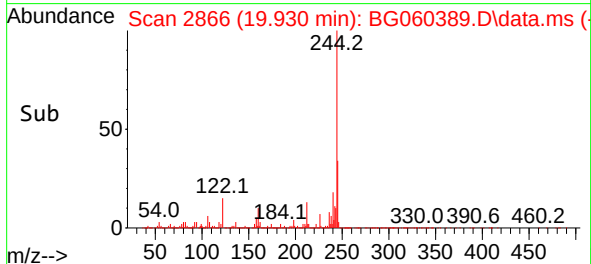
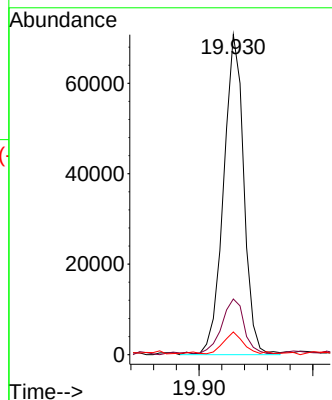
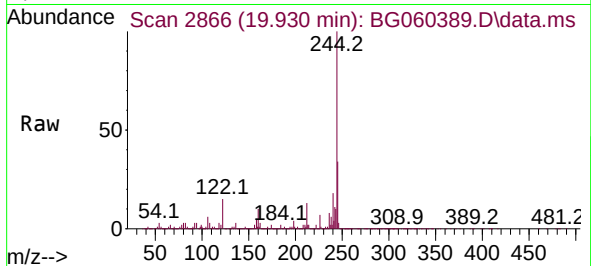
Tgt Ion:184 Resp: 87590

Ion Ratio Lower Upper

184 100

185 17.4 12.2 18.4

183 7.1 9.0 13.4#



#79

Terphenyl-d14

Concen: 89.350 ng

RT: 19.930 min Scan# 2866

Delta R.T. -0.003 min

Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

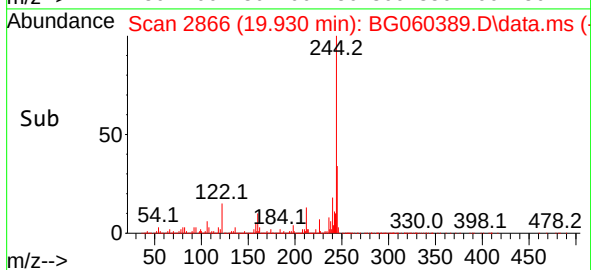
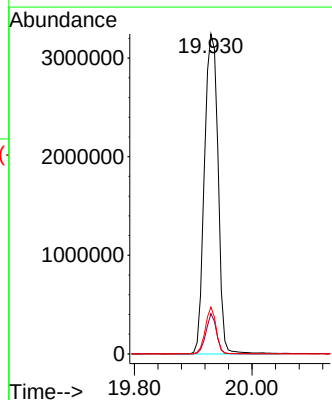
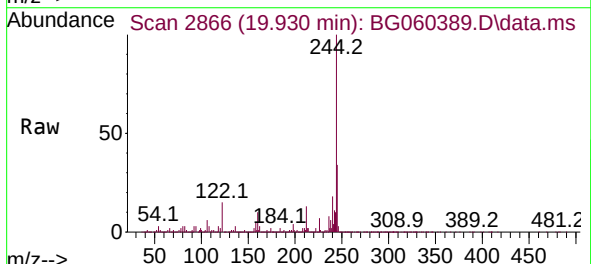
Tgt Ion:244 Resp: 5216686

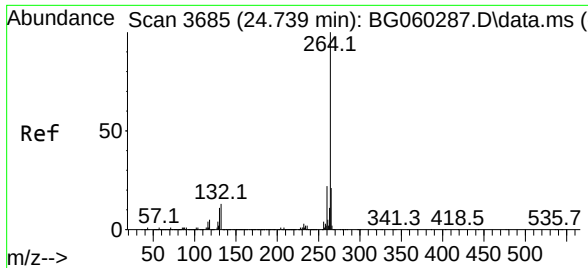
Ion Ratio Lower Upper

244 100

212 12.6 10.9 16.3

122 14.6 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 1705816

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.8	26.6
265	22.3	16.8	25.2

