

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060418.D
 Acq On : 24 Jan 2024 16:56
 Operator : MA/JU
 Sample : P1233-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 69-TP-1

Quant Time: Jan 24 17:28:34 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)

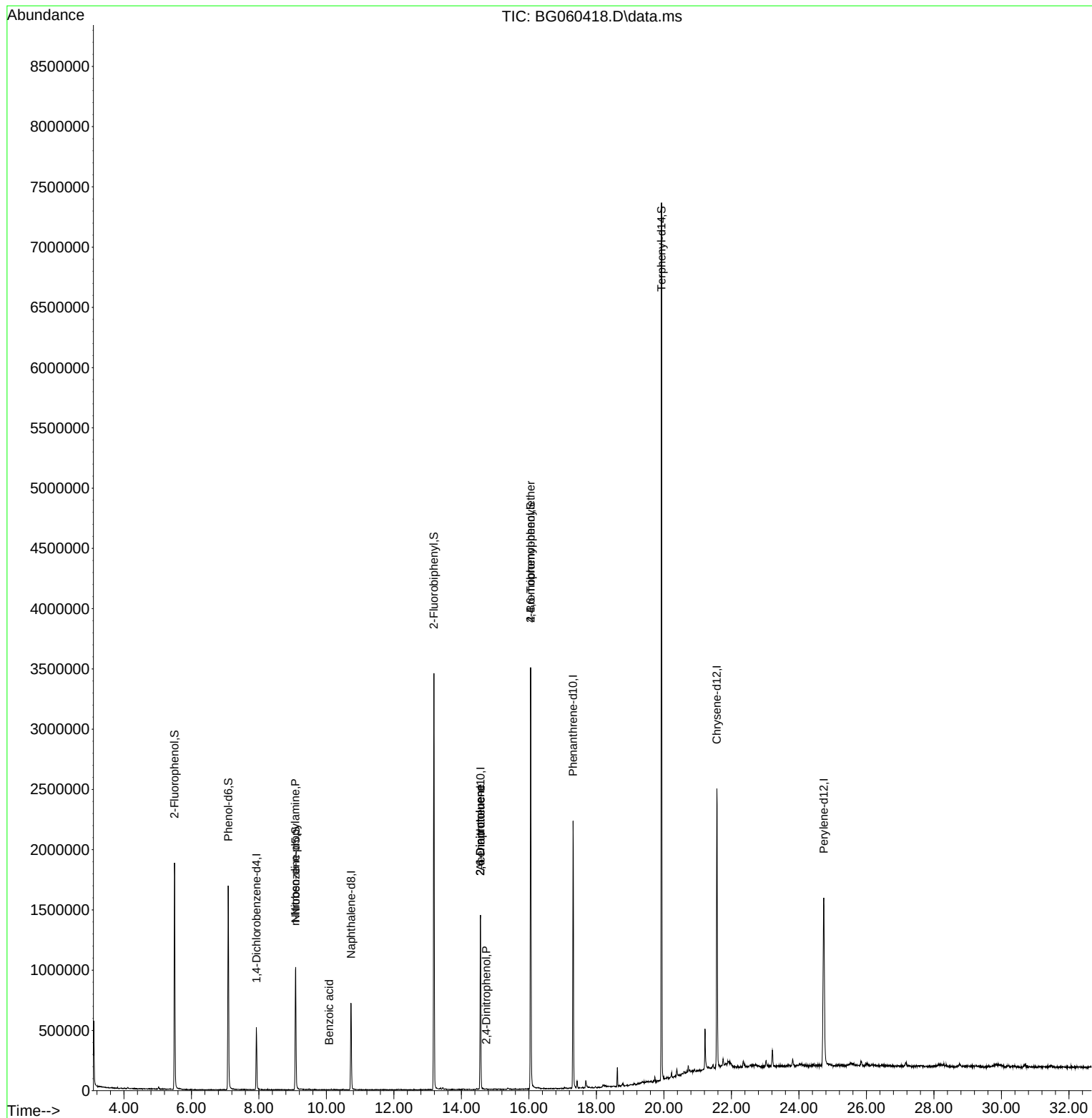
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	164454	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	667267	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	547333	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1528269	20.000	ng	0.00
76) Chrysene-d12	21.568	240	1421022	20.000	ng	0.00
86) Perylene-d12	24.735	264	1594298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	935472	93.561	ng	0.00
7) Phenol-d6	7.091	99	1176621	79.472	ng	0.00
23) Nitrobenzene-d5	9.089	82	722392	51.121	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	832006	103.318	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	1956208	49.691	ng	0.00
79) Terphenyl-d14	19.929	244	3720482	58.720	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.083	70	85064	8.301	ng	# 79
32) Benzoic acid	10.082	122	62	10.209	ng	# 48
51) 2,6-Dinitrotoluene	14.559	165	71272	7.986	ng	# 34
54) 2,4-Dinitrophenol	14.735	184	106	8.604	ng	# 27
57) 2,4-Dinitrotoluene	14.559	165	71272	5.824	ng	# 26
67) 4-Bromophenyl-phenylether	16.051	248	51384	3.060	ng	# 1

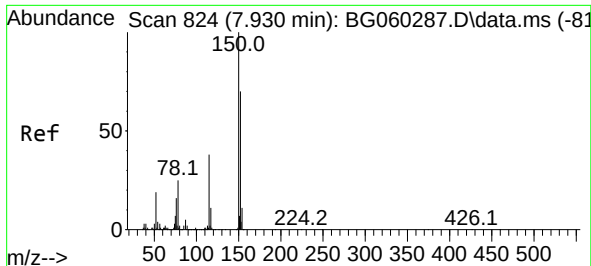
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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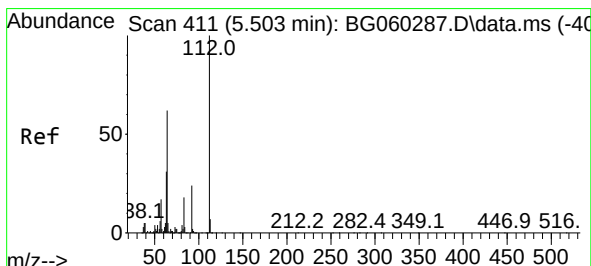
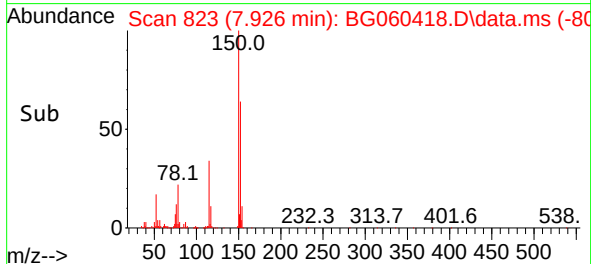
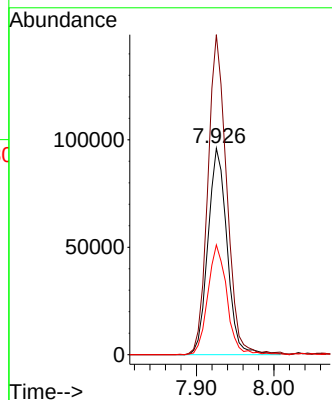
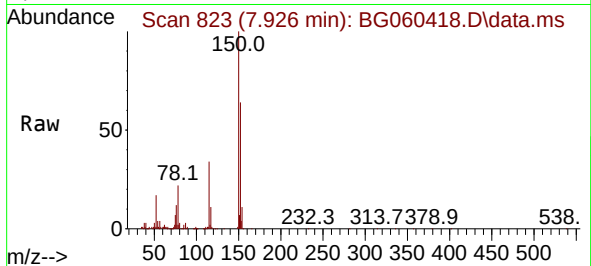




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

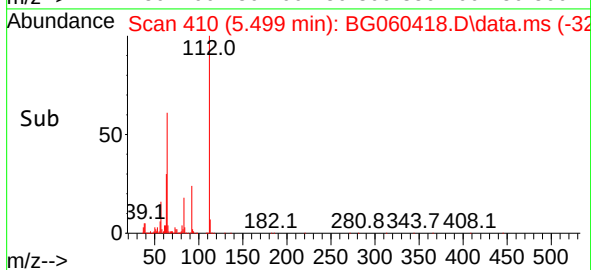
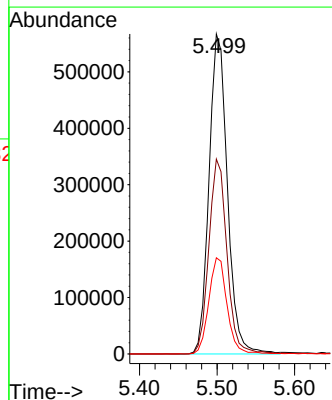
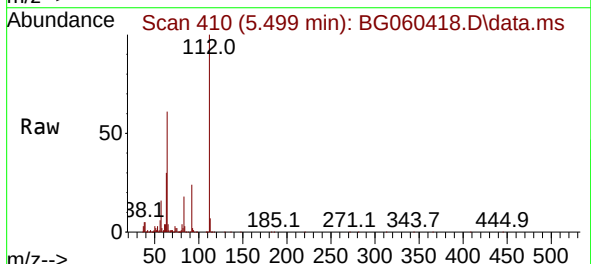
Instrument :
BNA_G
ClientSampleId :
69-TP-1

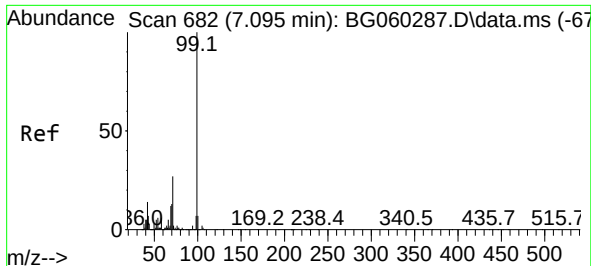
Tgt Ion:152 Resp: 164454
Ion Ratio Lower Upper
152 100
150 155.1 114.5 171.7
115 53.2 43.0 64.6



#5
2-Fluorophenol
Concen: 93.561 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:112 Resp: 935472
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.6
63 30.1 24.4 36.6

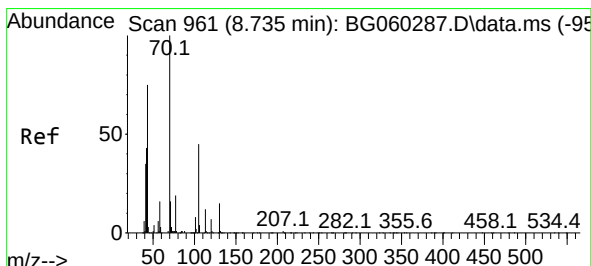
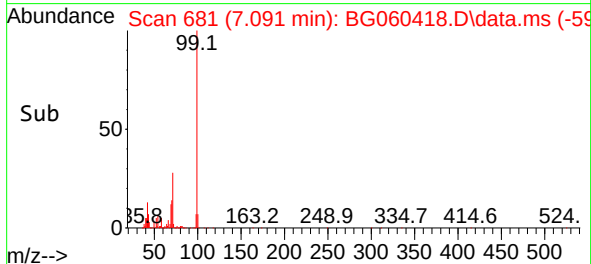
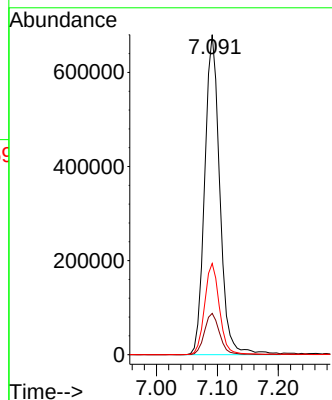
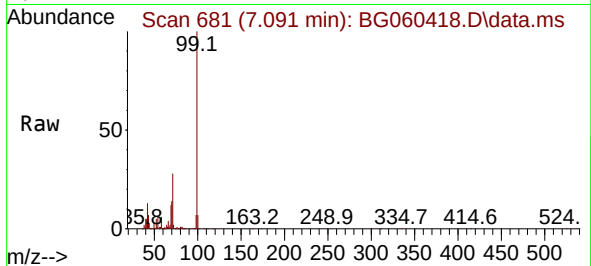




#7
Phenol-d6
Concen: 79.472 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

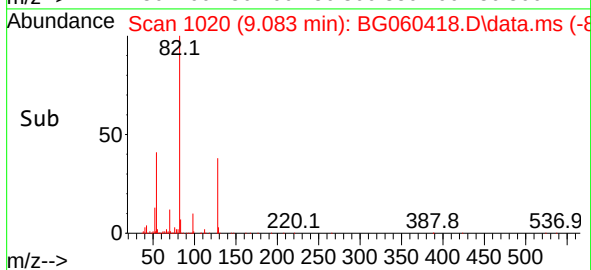
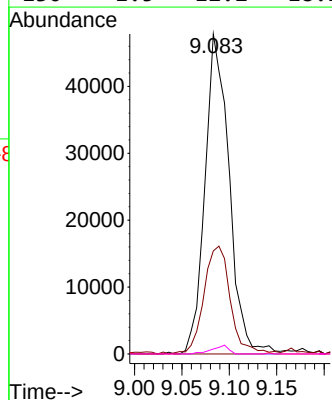
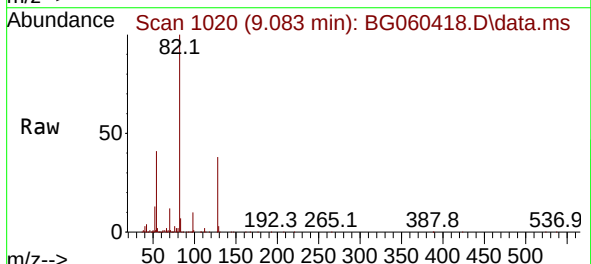
Instrument :
BNA_G
ClientSampleId :
69-TP-1

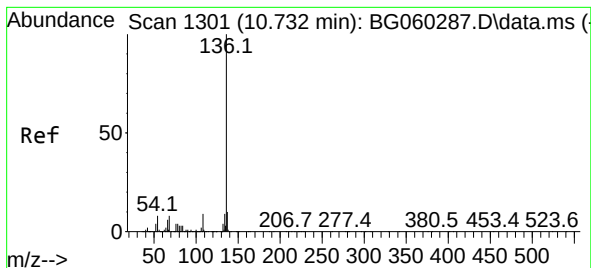
Tgt Ion: 99 Resp: 1176621
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.5 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.301 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion: 70 Resp: 85064
Ion Ratio Lower Upper
70 100
42 32.2 34.3 51.5#
101 0.0 6.2 9.2#
130 1.5 12.2 18.2#

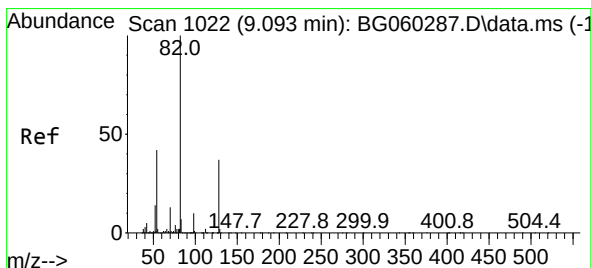
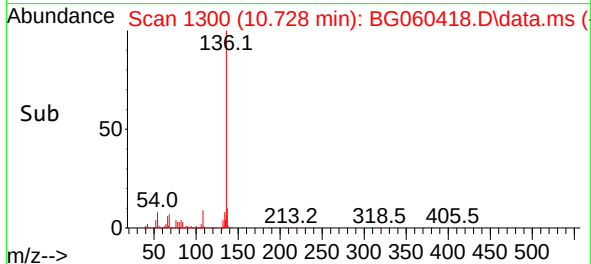
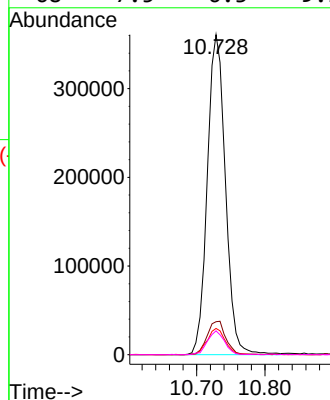
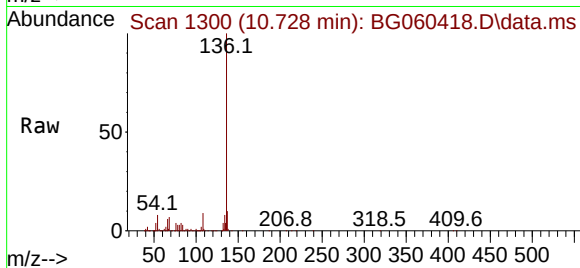




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

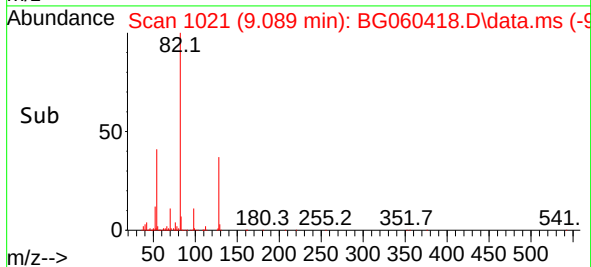
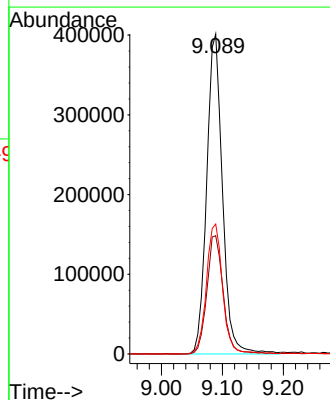
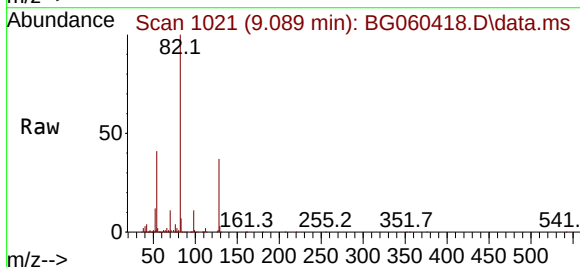
Instrument :
BNA_G
ClientSampleId :
69-TP-1

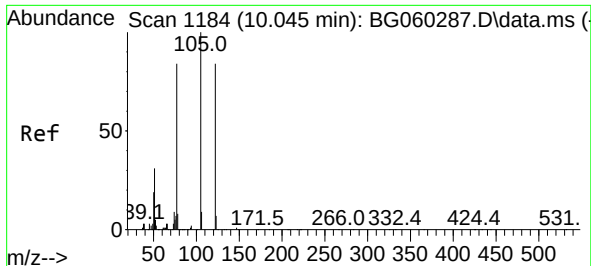
Tgt Ion:	136	Resp:	667267
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	8.2	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 51.121 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:	82	Resp:	722392
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.6	44.4
54	40.6	33.6	50.4

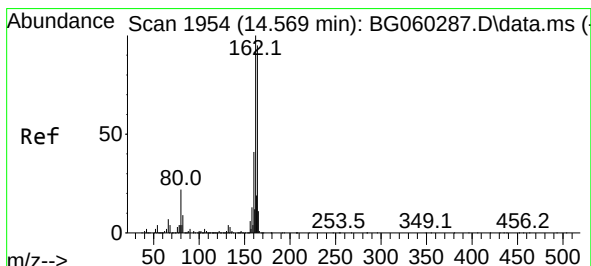
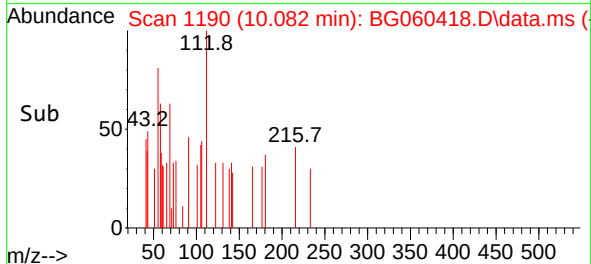
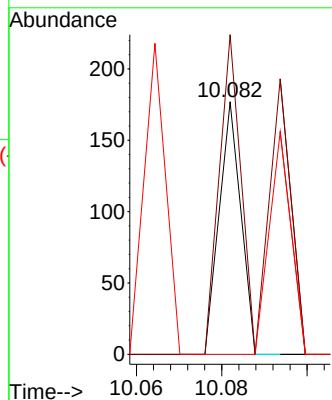
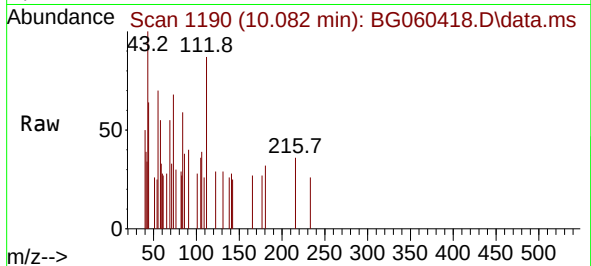




#32
Benzoic acid
Concen: 10.209 ng
RT: 10.082 min Scan# 1184
Delta R.T. 0.037 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

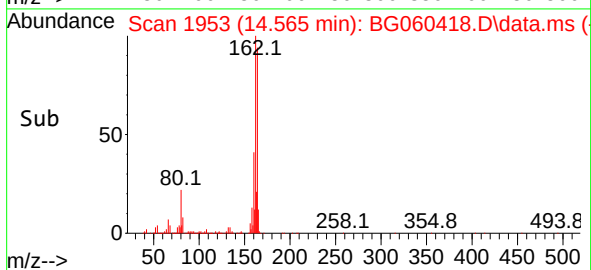
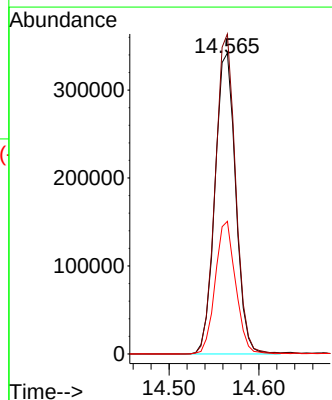
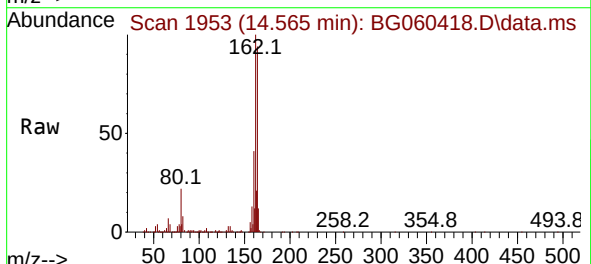
Instrument :
BNA_G
ClientSampleId :
69-TP-1

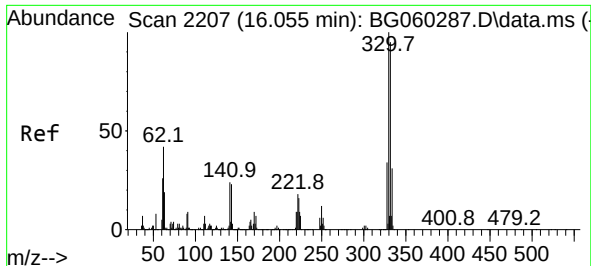
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 126.6 96.0 136.0
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:164 Resp: 547333
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.1 34.6 52.0

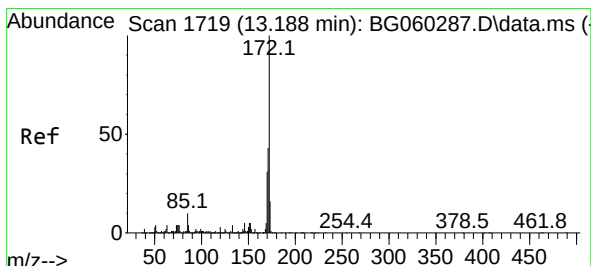
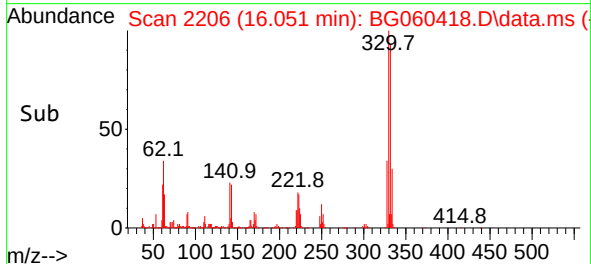
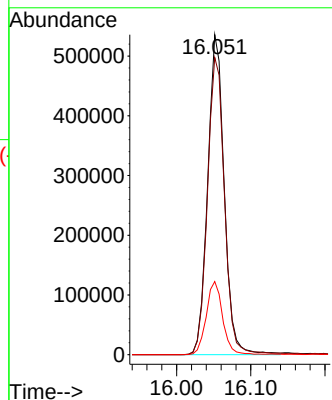
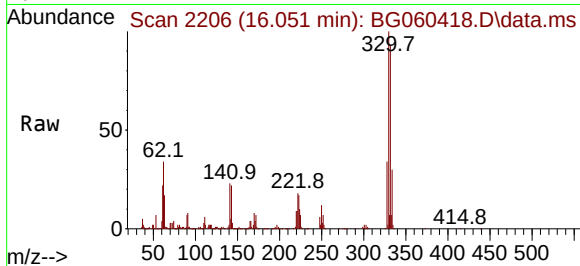




#42
2,4,6-Tribromophenol
Concen: 103.318 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

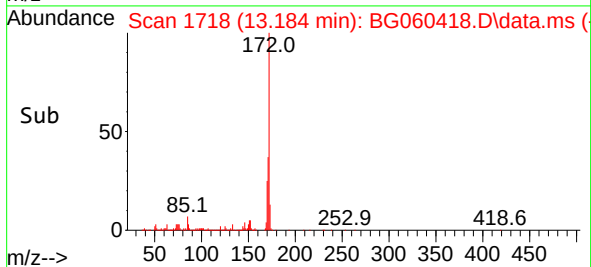
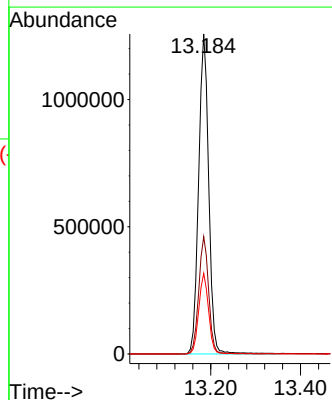
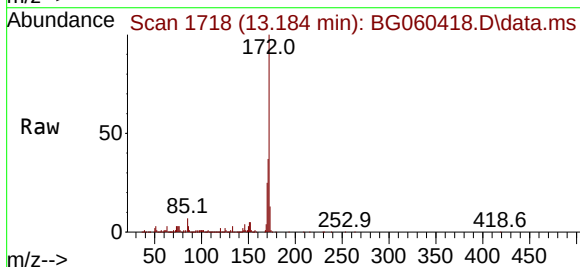
Instrument :
BNA_G
ClientSampleId :
69-TP-1

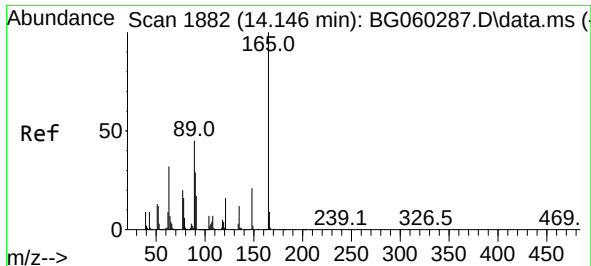
Tgt Ion:330 Resp: 832006
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 22.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 49.691 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:172 Resp: 1956208
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 25.2 24.4 36.6

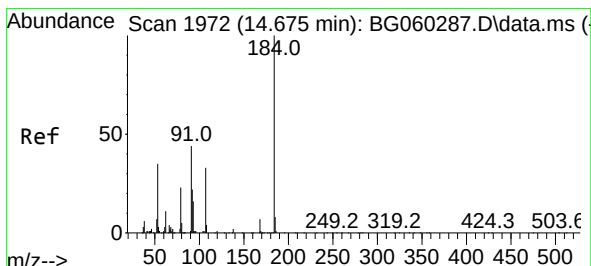
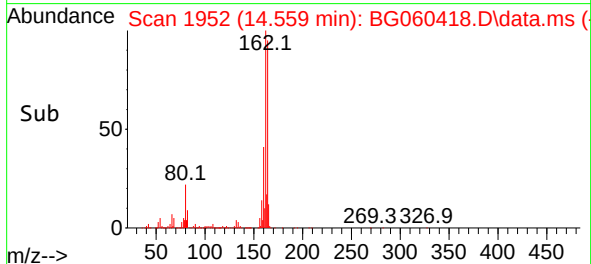
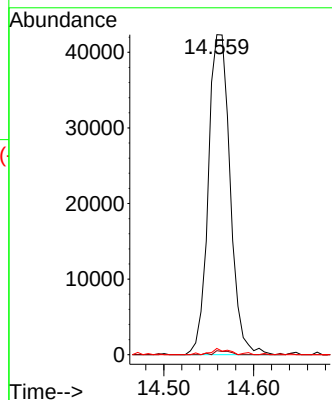
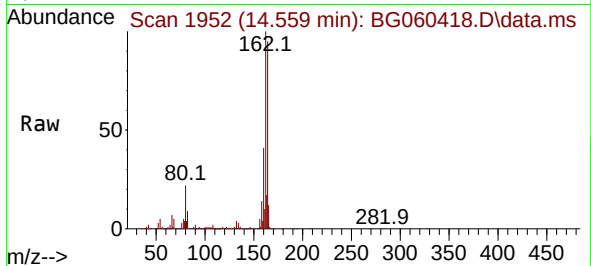




#51
2,6-Dinitrotoluene
Concen: 7.986 ng
RT: 14.559 min Scan# 1952
Delta R.T. 0.413 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

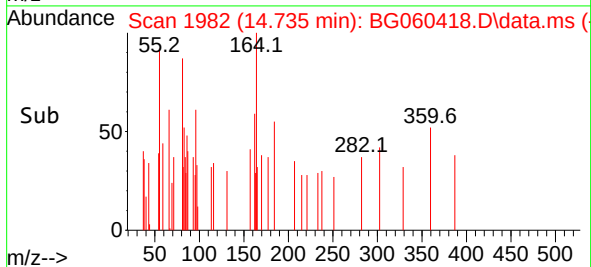
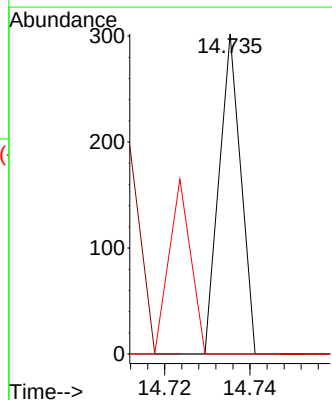
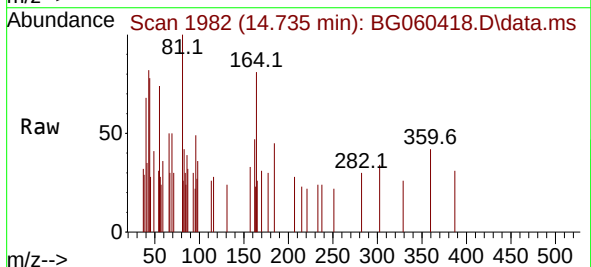
Instrument :
BNA_G
ClientSampleId :
69-TP-1

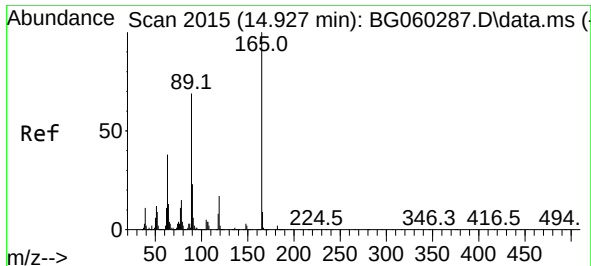
Tgt Ion:165 Resp: 71272
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.9 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.604 ng
RT: 14.735 min Scan# 1982
Delta R.T. 0.060 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:184 Resp: 106
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: 5.824 ng

RT: 14.559 min Scan# 1952

Delta R.T. -0.368 min

Lab File: BG060418.D

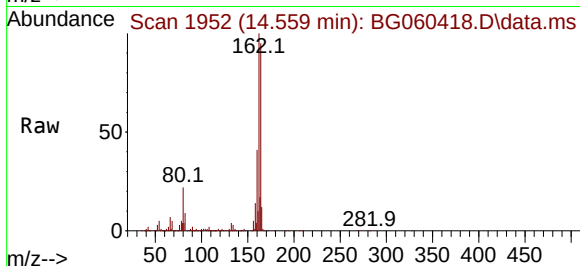
Acq: 24 Jan 2024 16:56

Instrument :

BNA_G

ClientSampleId :

69-TP-1



Tgt Ion:165 Resp: 71272

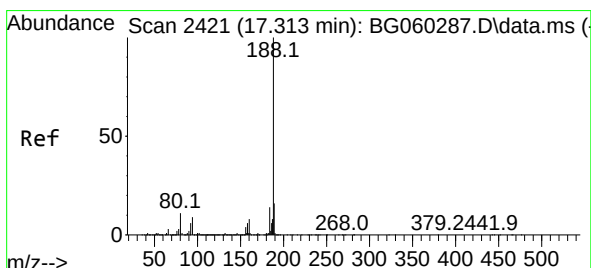
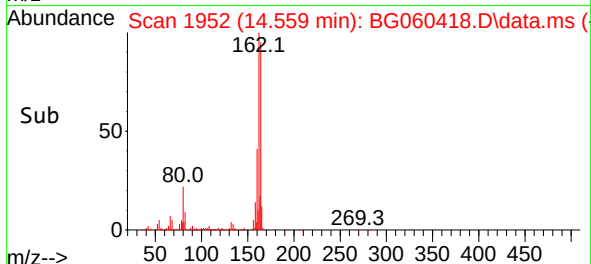
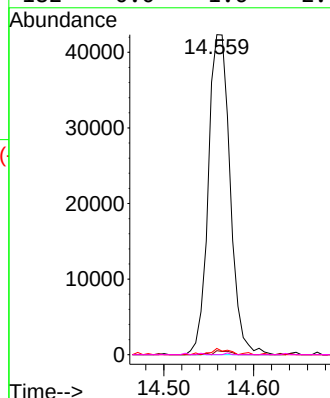
Ion Ratio Lower Upper

165 100

63 1.2 30.4 45.6#

89 1.9 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

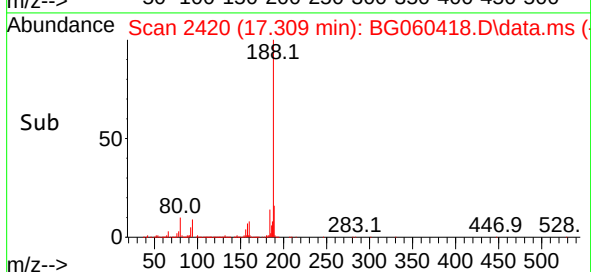
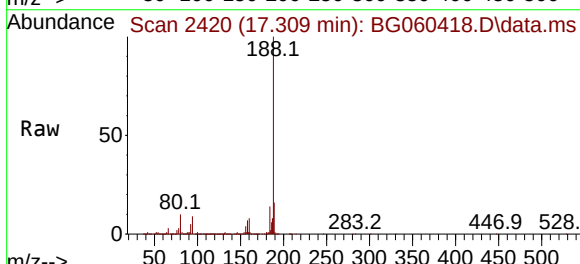
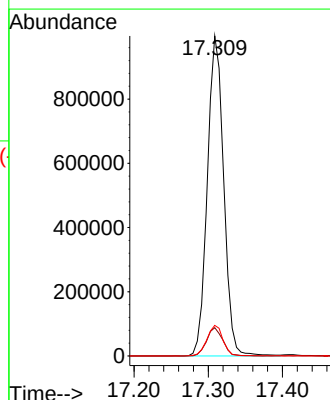
Tgt Ion:188 Resp: 1528269

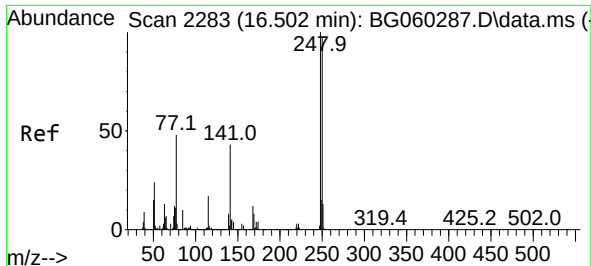
Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

80 9.6 8.5 12.7

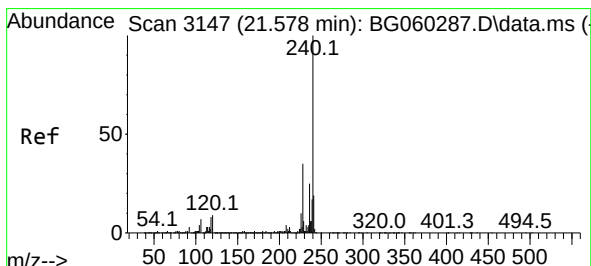
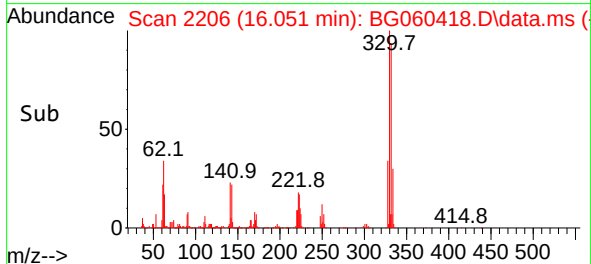
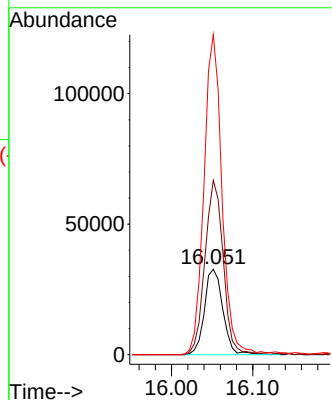
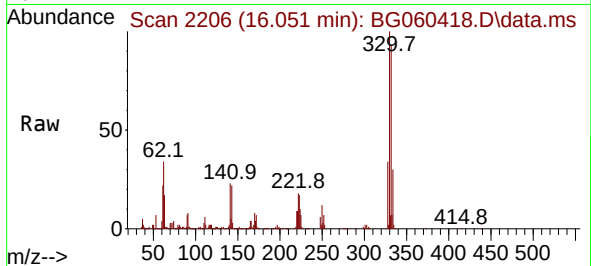




#67
4-Bromophenyl-phenylether
Concen: 3.060 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

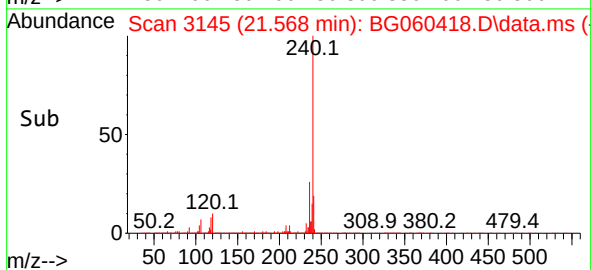
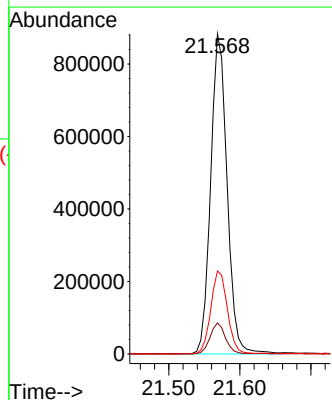
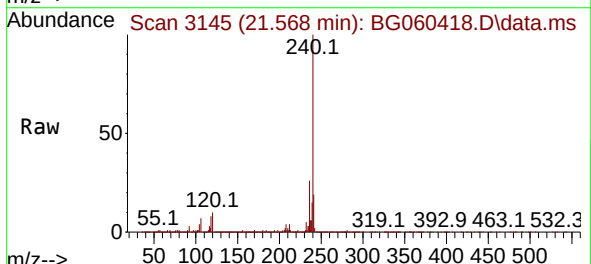
Instrument :
BNA_G
ClientSampleId :
69-TP-1

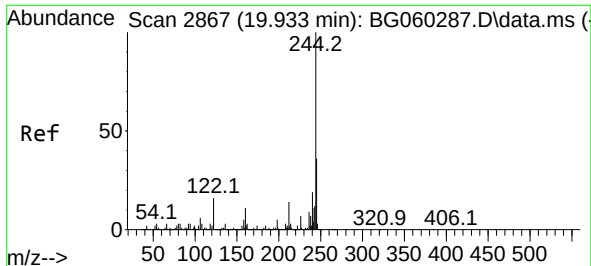
Tgt Ion:248 Resp: 51384
Ion Ratio Lower Upper
248 100
250 203.9 77.6 116.4#
141 374.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:240 Resp: 1421022
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 58.720 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

Instrument :

BNA_G

ClientSampleId :

69-TP-1

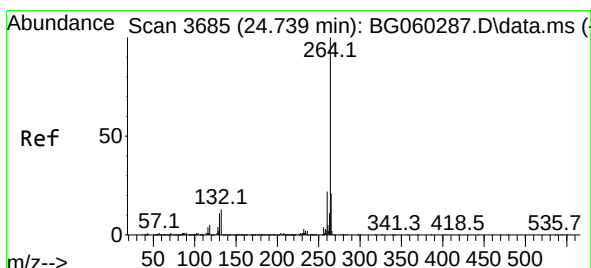
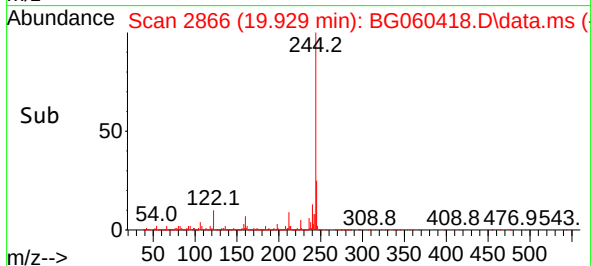
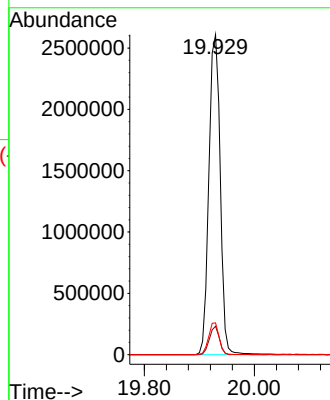
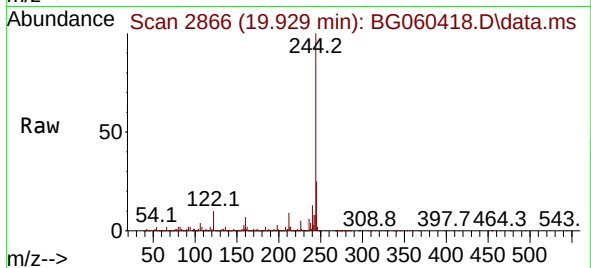
Tgt Ion:244 Resp: 3720482

Ion Ratio Lower Upper

244 100

212 8.9 10.9 16.3#

122 10.0 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3684

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

Tgt Ion:264 Resp: 1594298

Ion Ratio Lower Upper

264 100

260 24.4 17.8 26.6

265 21.4 16.8 25.2

