

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
 Data File : BG062588.D
 Acq On : 27 Aug 2024 21:58
 Operator : MA/JU
 Sample : PB162871TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162871TB

Quant Time: Aug 28 01:26:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

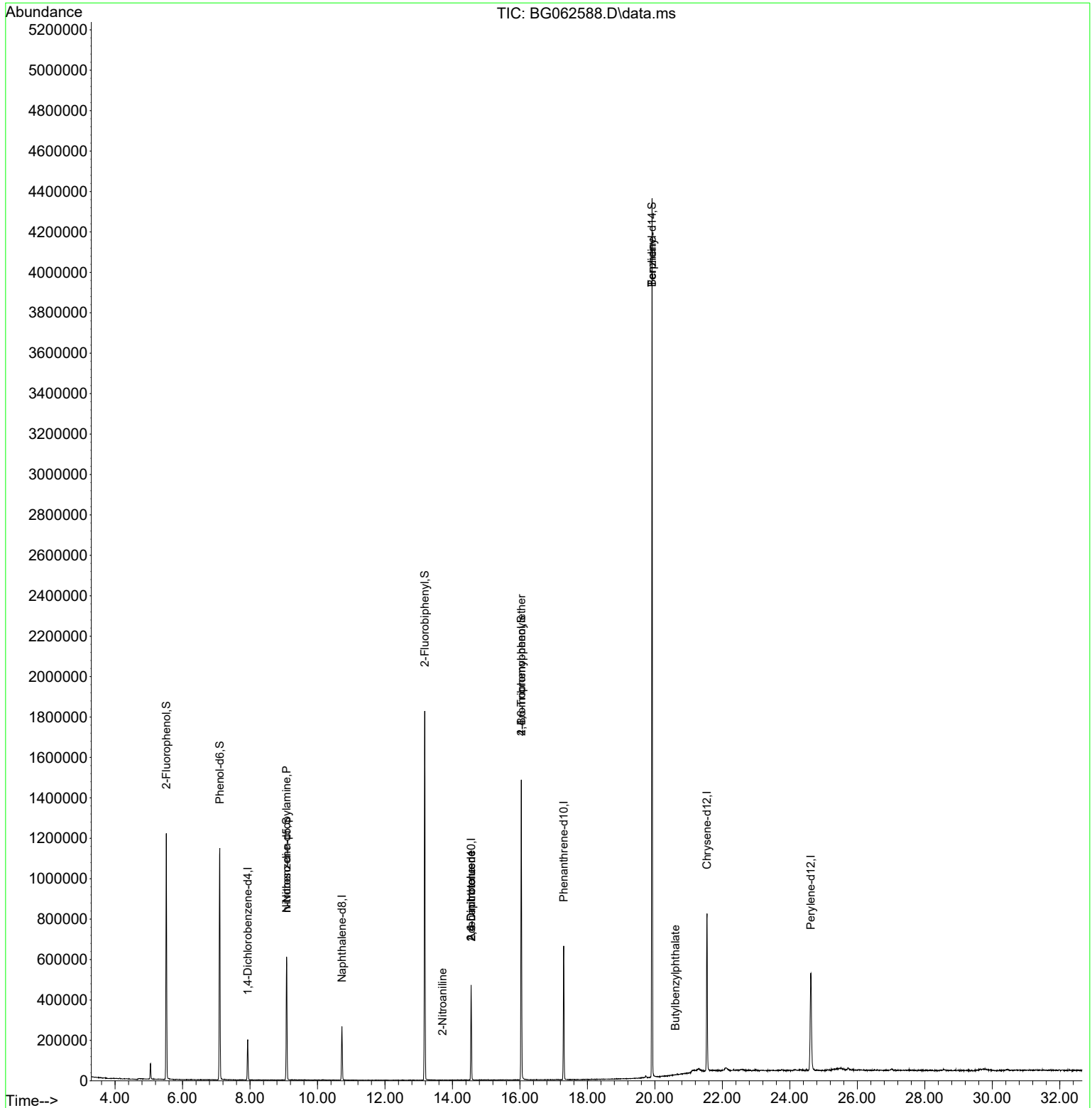
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

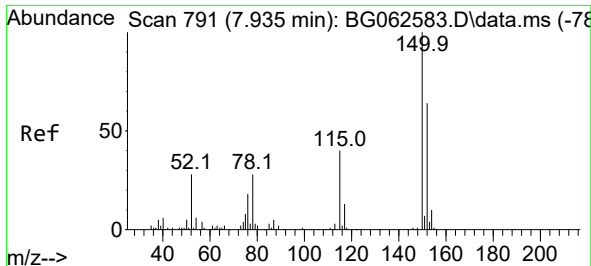
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	56625	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	218916	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	161257	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	420943	20.000	ng	0.00
76) Chrysene-d12	21.545	240	467131	20.000	ng	0.00
86) Perylene-d12	24.618	264	511281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	490513	155.398	ng	0.00
7) Phenol-d6	7.103	99	624527	138.905	ng	0.00
23) Nitrobenzene-d5	9.083	82	360060	109.156	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	281447	158.000	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	940555	95.907	ng	0.00
79) Terphenyl-d14	19.918	244	2121502	94.953	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	46888	15.572	ng	# 78
48) 2-Nitroaniline	13.707	65	65	3.637	ng	# 9
51) 2,6-Dinitrotoluene	14.553	165	20789	13.242	ng	# 20
57) 2,4-Dinitrotoluene	14.553	165	20789	8.683	ng	# 22
67) 4-Bromophenyl-phenylether	16.040	248	18366	4.533	ng	# 1
77) Benzidine	19.918	184	35868	8.729	ng	# 92
80) Butylbenzylphthalate	20.611	149	226	4.969	ng	# 31

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\  
Data File : BG062588.D  
Acq On    : 27 Aug 2024   21:58  
Operator  : MA/JU  
Sample    : PB162871TB  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
```

Quant Time: Aug 28 01:26:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
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QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

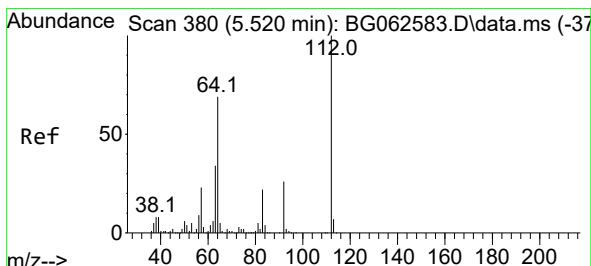
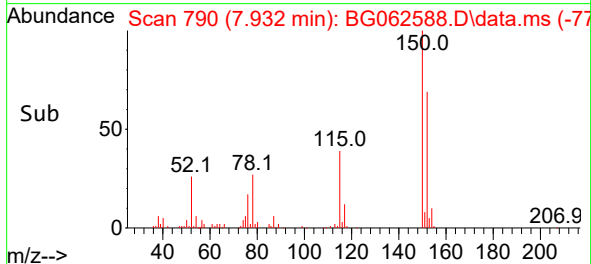
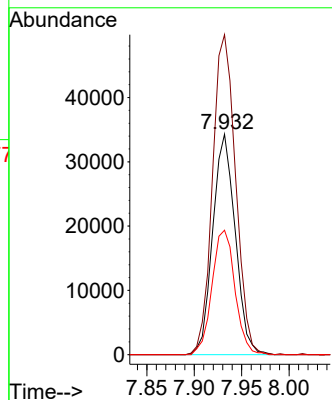
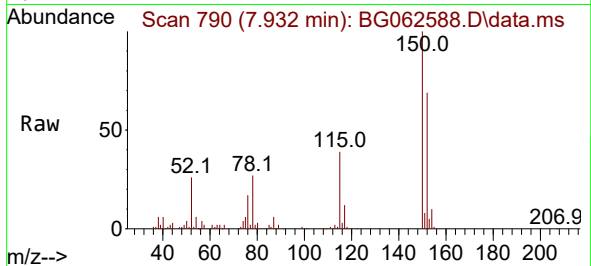




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.932 min Scan# 791
 Delta R.T. -0.003 min
 Lab File: BG062588.D
 Acq: 27 Aug 2024 21:58

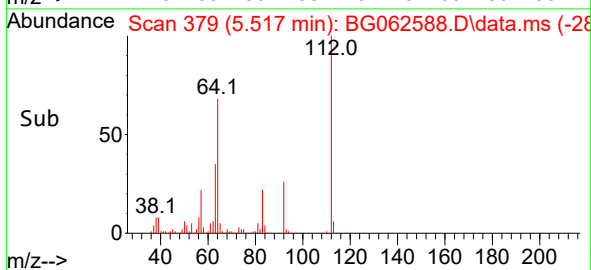
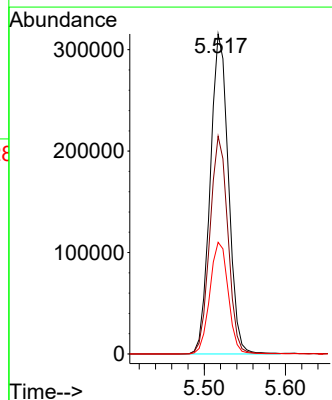
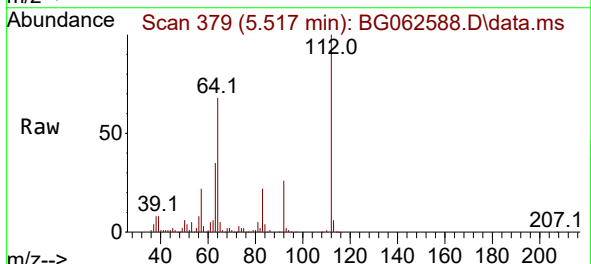
Instrument :
 BNA_G
 ClientSampleId :
 PB162871TB

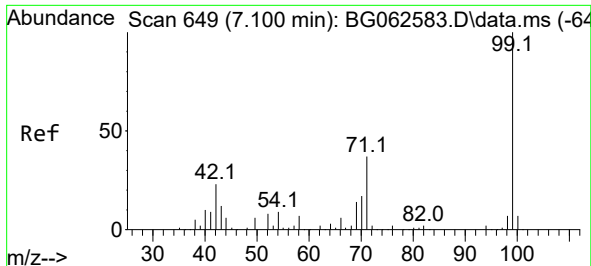
Tgt Ion:152 Resp: 56625
 Ion Ratio Lower Upper
 152 100
 150 145.2 125.1 187.7
 115 56.4 50.6 76.0



#5
 2-Fluorophenol
 Concen: 155.398 ng
 RT: 5.517 min Scan# 379
 Delta R.T. -0.003 min
 Lab File: BG062588.D
 Acq: 27 Aug 2024 21:58

Tgt Ion:112 Resp: 490513
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.5 83.3
 63 34.9 27.4 41.2

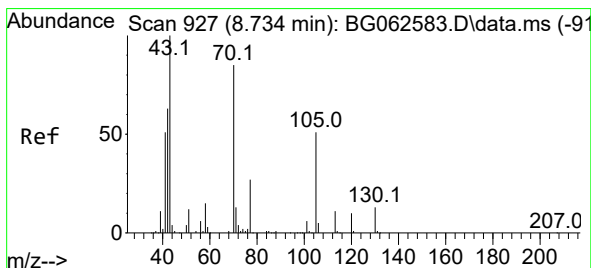
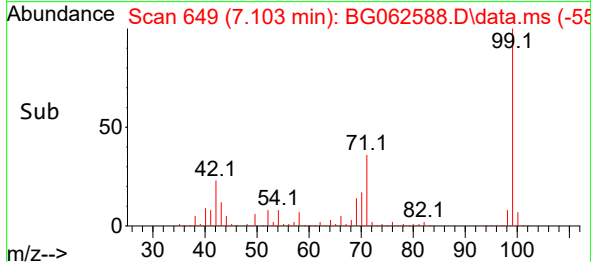
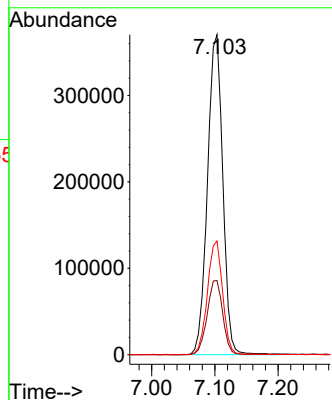
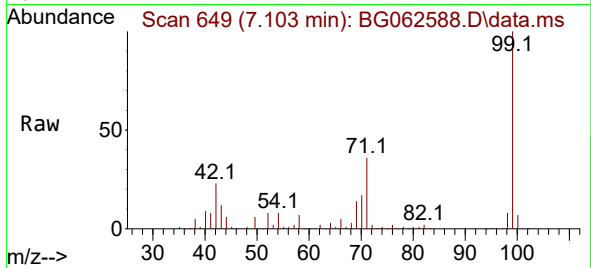




#7
Phenol-d6
Concen: 138.905 ng
RT: 7.103 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

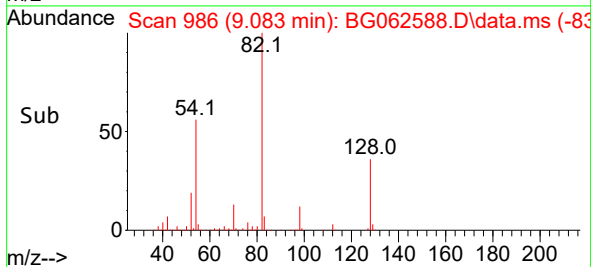
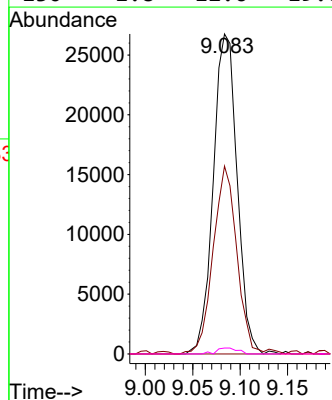
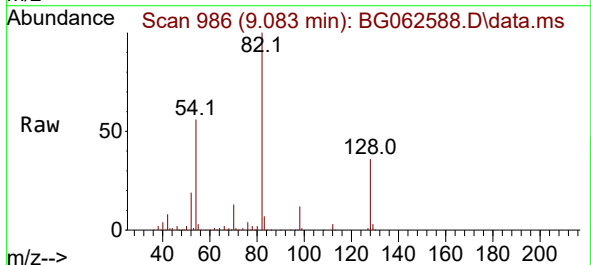
Instrument :
BNA_G
ClientSampleId :
PB162871TB

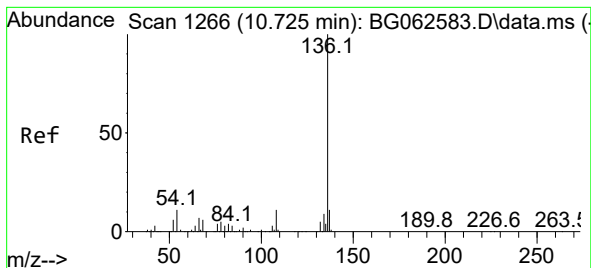
Tgt Ion: 99 Resp: 624527
Ion Ratio Lower Upper
99 100
42 23.2 18.7 28.1
71 35.6 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.572 ng
RT: 9.083 min Scan# 986
Delta R.T. 0.350 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion: 70 Resp: 46888
Ion Ratio Lower Upper
70 100
42 58.7 60.0 90.0#
101 0.0 6.1 9.1#
130 1.8 12.6 19.0#

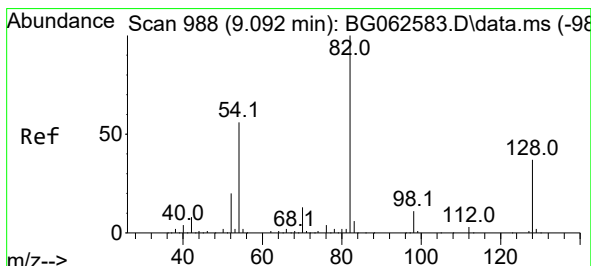
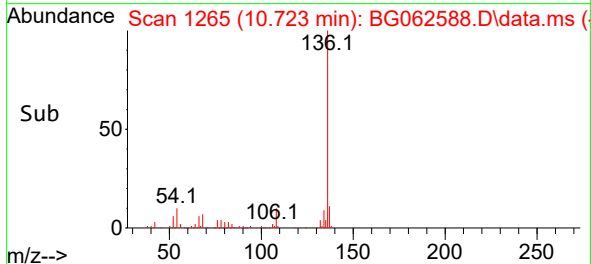
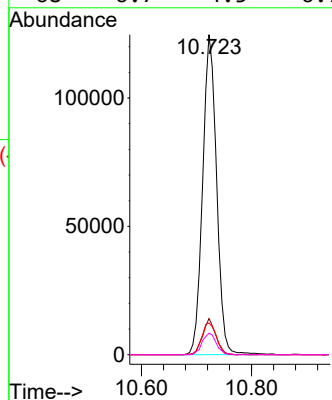
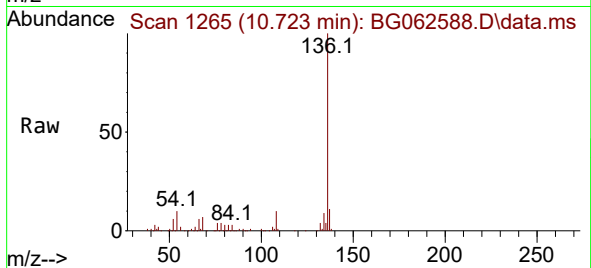




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

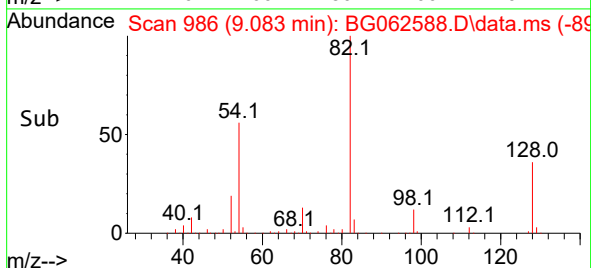
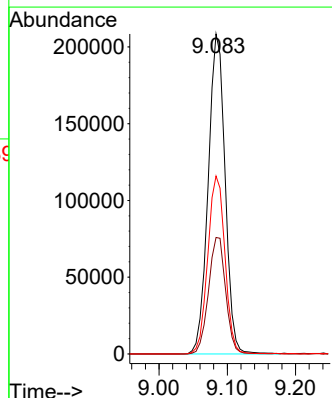
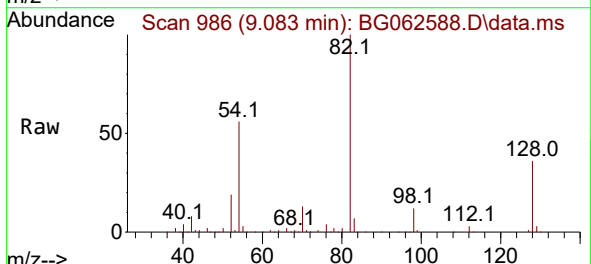
Instrument :
BNA_G
ClientSampleId :
PB162871TB

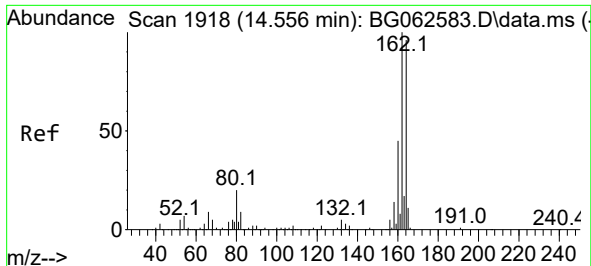
Tgt Ion:	136	Resp:	218916
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	9.0	13.4
68	6.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 109.156 ng
RT: 9.083 min Scan# 986
Delta R.T. -0.009 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion:	82	Resp:	360060
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	55.6	44.4	66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1917

Delta R.T. -0.003 min

Lab File: BG062588.D

Acq: 27 Aug 2024 21:58

Instrument :

BNA_G

ClientSampleId :

PB162871TB

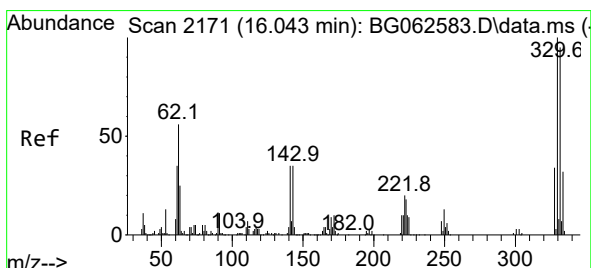
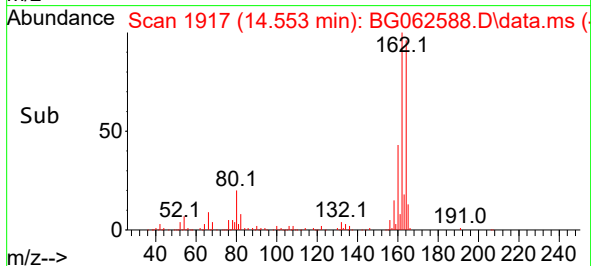
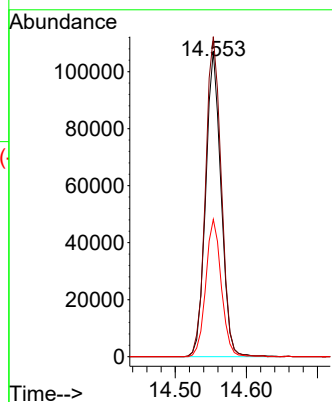
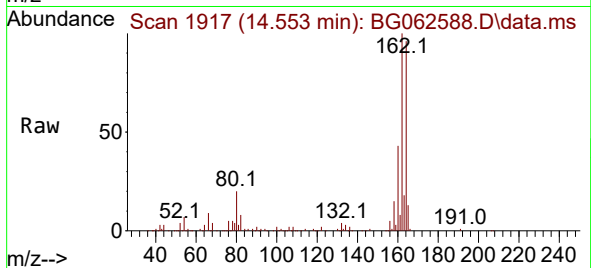
Tgt Ion:164 Resp: 161257

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

160 44.9 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 158.000 ng

RT: 16.040 min Scan# 2170

Delta R.T. -0.003 min

Lab File: BG062588.D

Acq: 27 Aug 2024 21:58

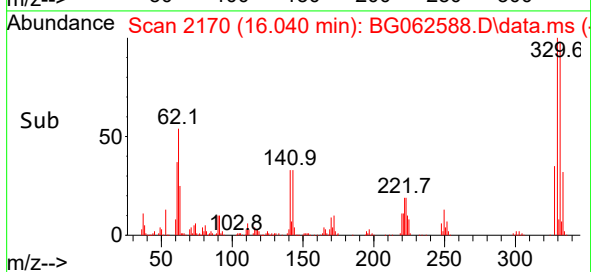
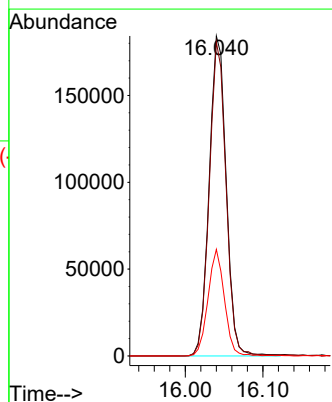
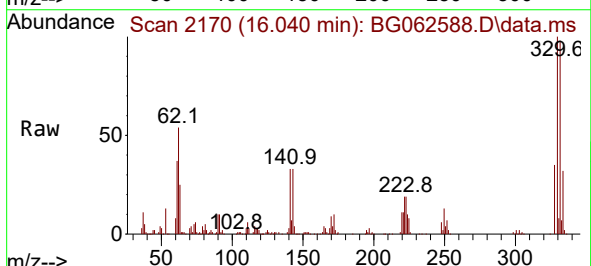
Tgt Ion:330 Resp: 281447

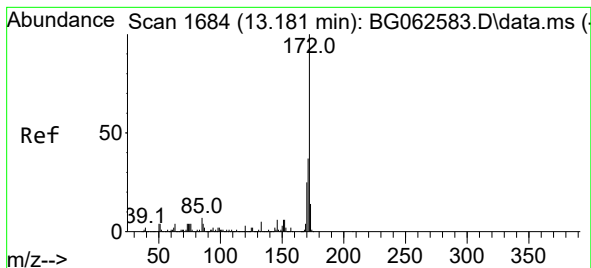
Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 32.2 26.5 39.7

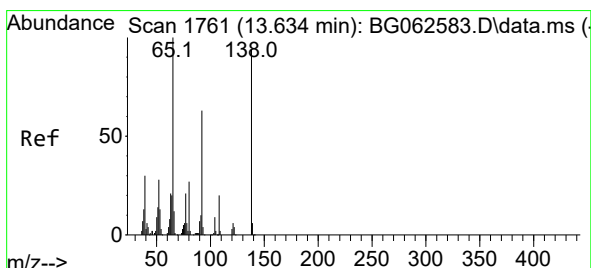
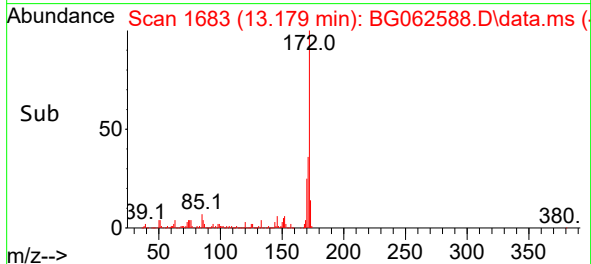
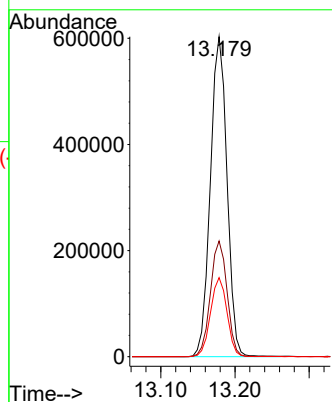
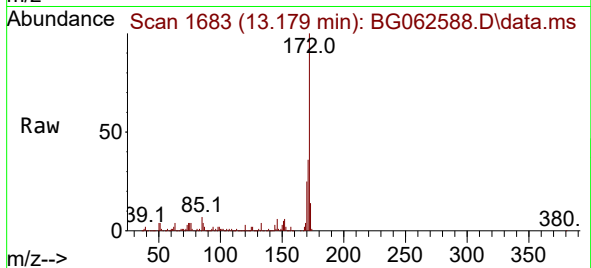




#45
2-Fluorobiphenyl
Concen: 95.907 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

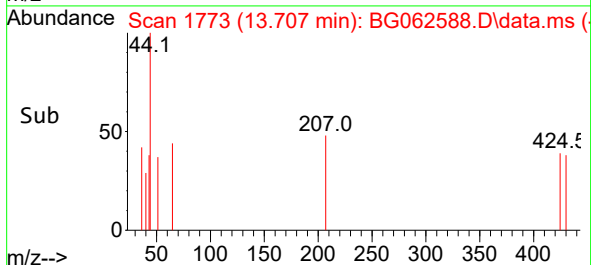
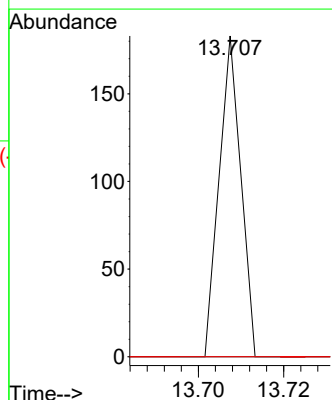
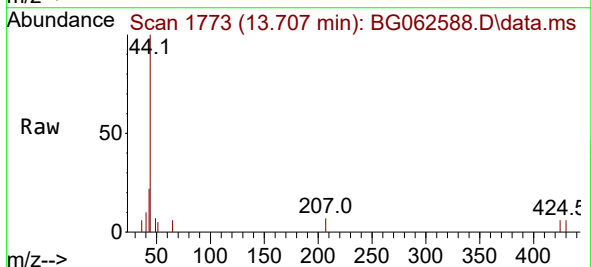
Instrument :
BNA_G
ClientSampleId :
PB162871TB

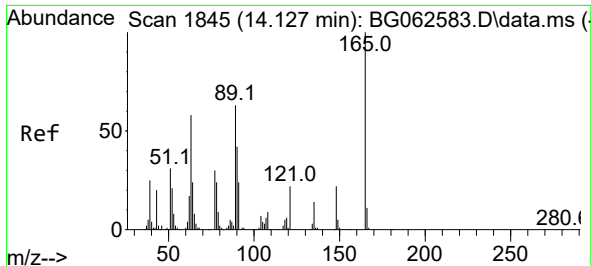
Tgt Ion:172 Resp: 940555
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.7 20.1 30.1



#48
2-Nitroaniline
Concen: 3.637 ng
RT: 13.707 min Scan# 1773
Delta R.T. 0.073 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion: 65 Resp: 65
Ion Ratio Lower Upper
65 100
92 0.0 50.6 76.0#
138 0.0 75.4 113.2#

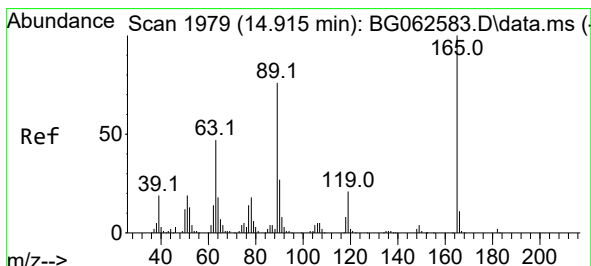
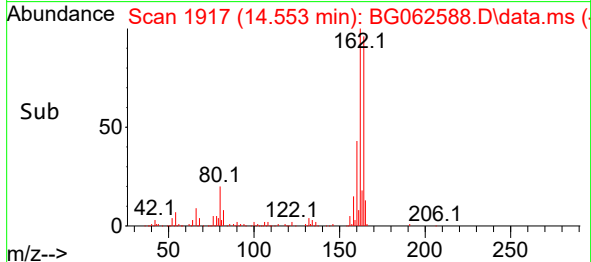
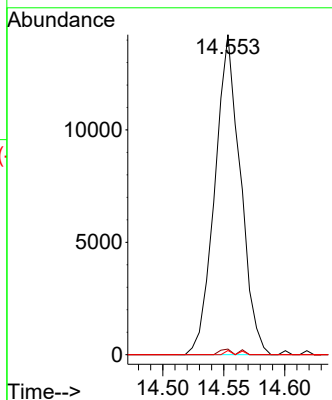
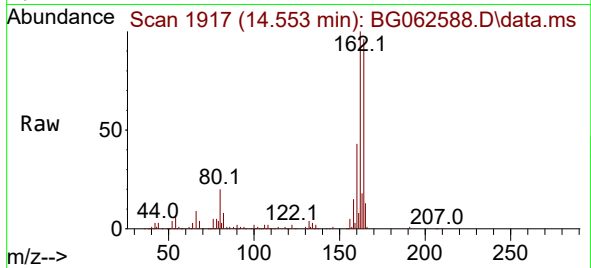




#51
2,6-Dinitrotoluene
Concen: 13.242 ng
RT: 14.553 min Scan# 1917
Delta R.T. 0.426 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

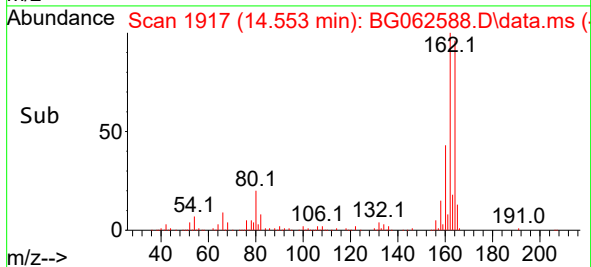
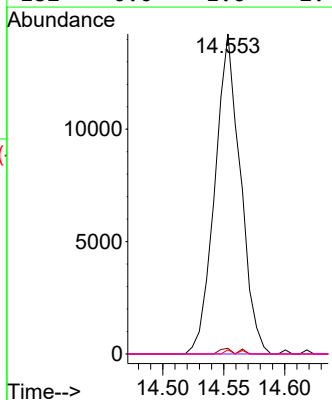
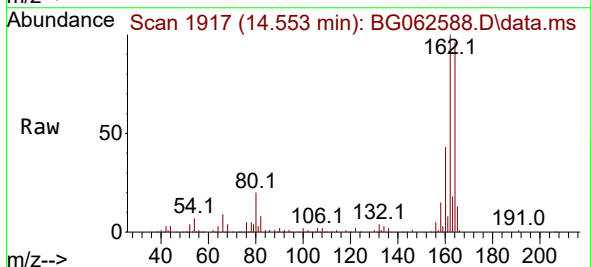
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BNA_G
ClientSampleId :
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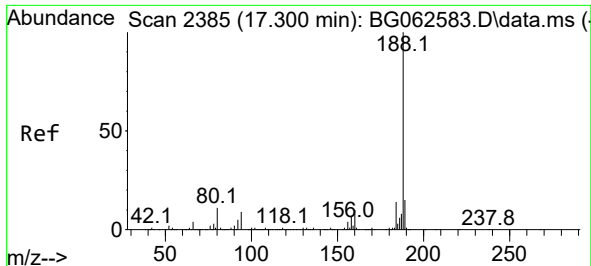
Tgt Ion:165 Resp: 20789
Ion Ratio Lower Upper
165 100
63 1.8 51.0 76.6#
89 1.3 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 8.683 ng
RT: 14.553 min Scan# 1917
Delta R.T. -0.361 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion:165 Resp: 20789
Ion Ratio Lower Upper
165 100
63 1.8 37.5 56.3#
89 1.3 60.8 91.2#
182 0.0 1.6 2.4#

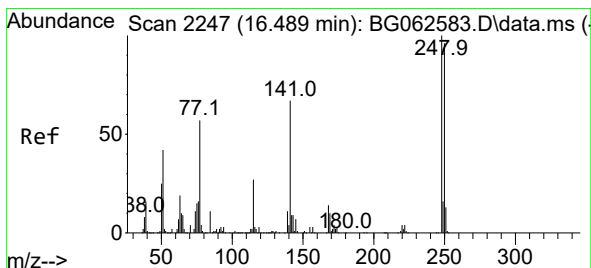
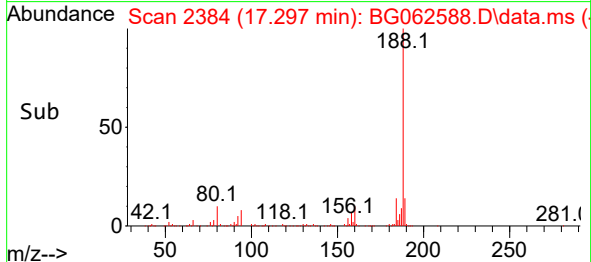
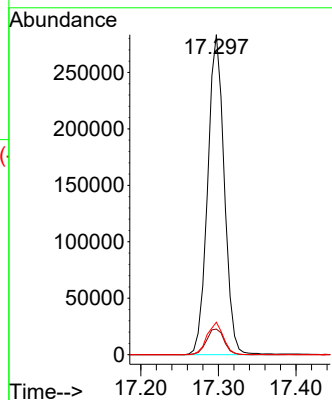
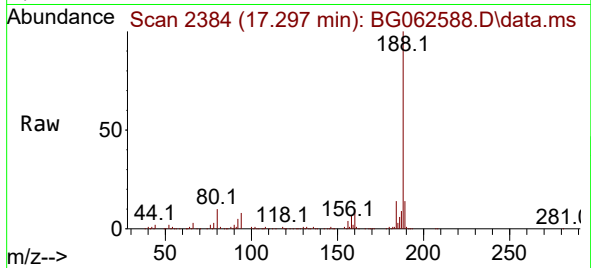




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

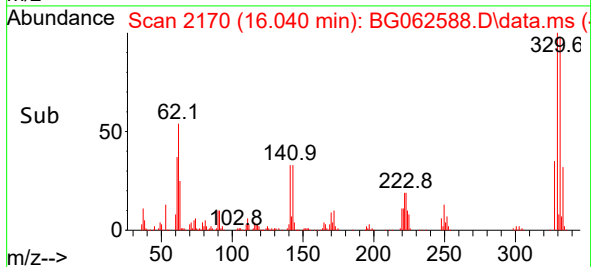
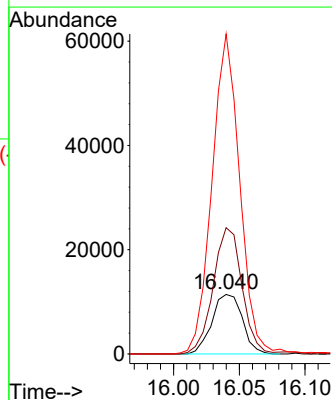
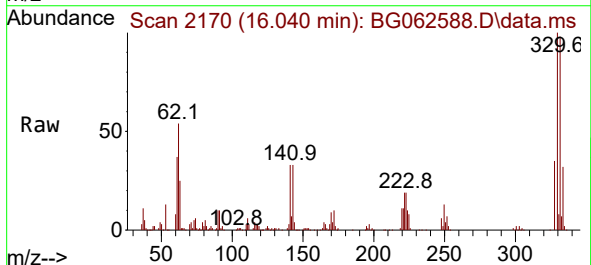
Instrument :
BNA_G
ClientSampleId :
PB162871TB

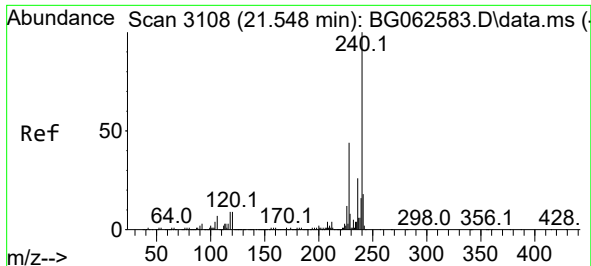
Tgt Ion:188 Resp: 420943
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 10.2 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 16.040 min Scan# 2170
Delta R.T. -0.449 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion:248 Resp: 18366
Ion Ratio Lower Upper
248 100
250 282.0 76.7 115.1#
141 537.4 54.0 81.0#

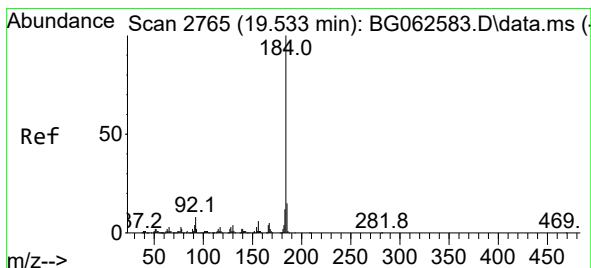
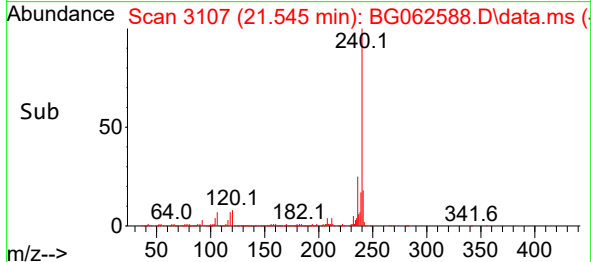
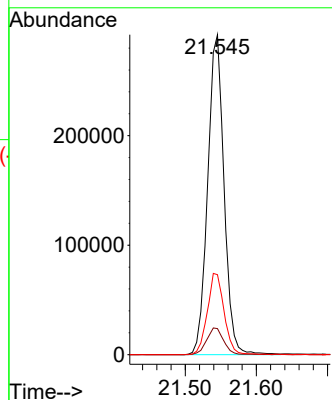
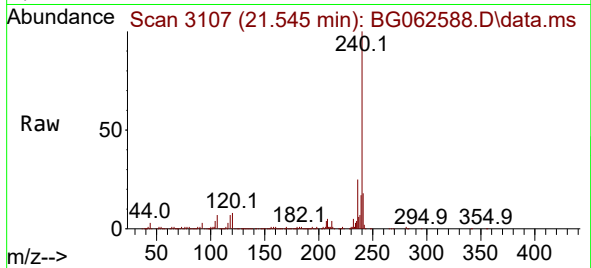




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

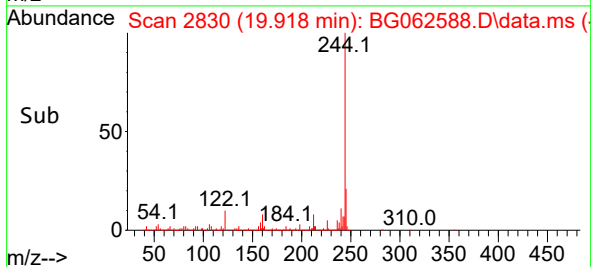
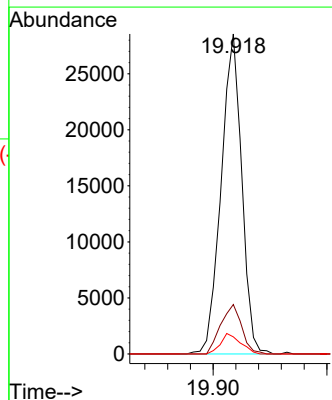
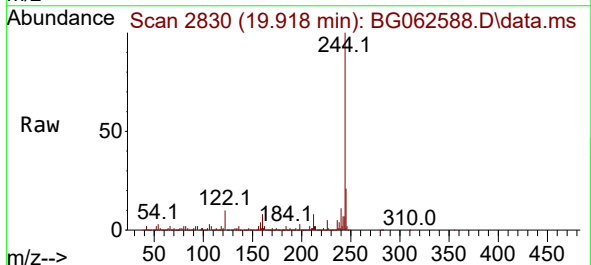
Instrument :
BNA_G
ClientSampleId :
PB162871TB

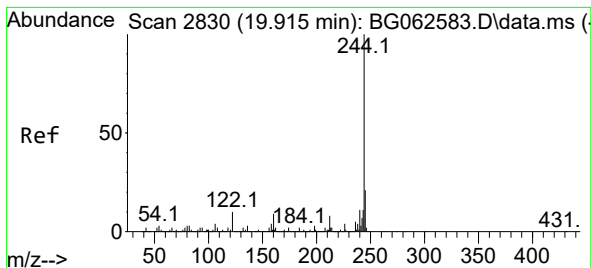
Tgt Ion:240 Resp: 467131
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 25.0 20.5 30.7



#77
Benzidine
Concen: 8.729 ng
RT: 19.918 min Scan# 2830
Delta R.T. 0.385 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Tgt Ion:184 Resp: 35868
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 5.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 94.953 ng

RT: 19.918 min Scan# 2830

Delta R.T. 0.003 min

Lab File: BG062588.D

Acq: 27 Aug 2024 21:58

Instrument :

BNA_G

ClientSampleId :

PB162871TB

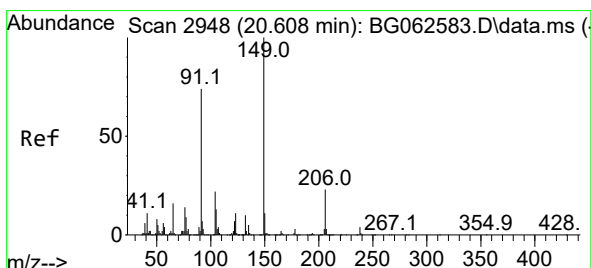
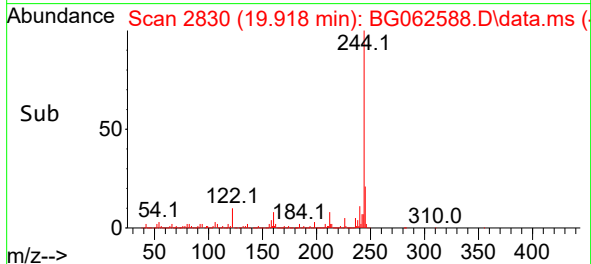
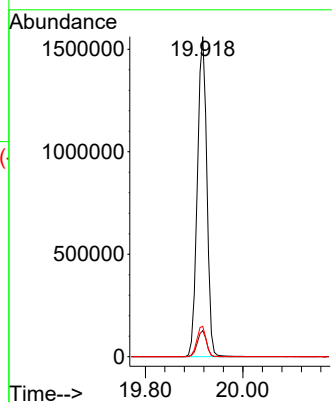
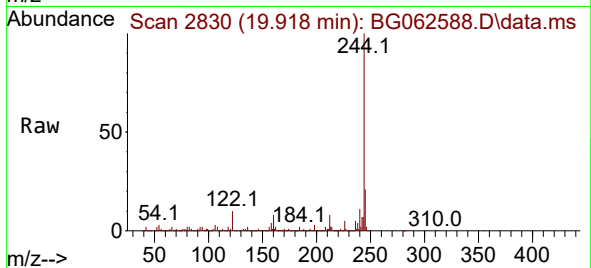
Tgt Ion:244 Resp: 2121502

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 9.5 8.4 12.6



#80

Butylbenzylphthalate

Concen: 4.969 ng

RT: 20.611 min Scan# 2948

Delta R.T. 0.003 min

Lab File: BG062588.D

Acq: 27 Aug 2024 21:58

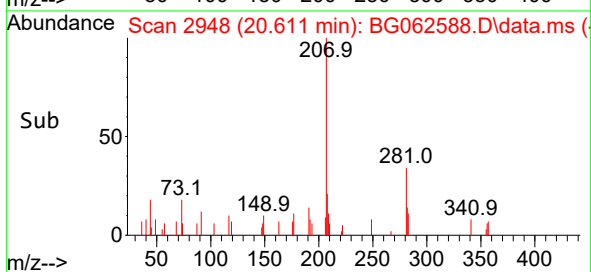
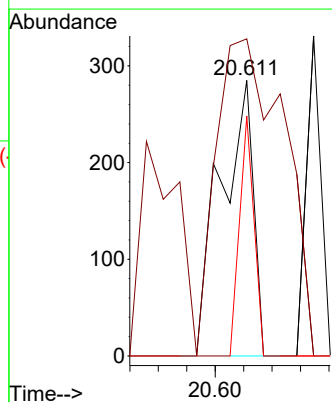
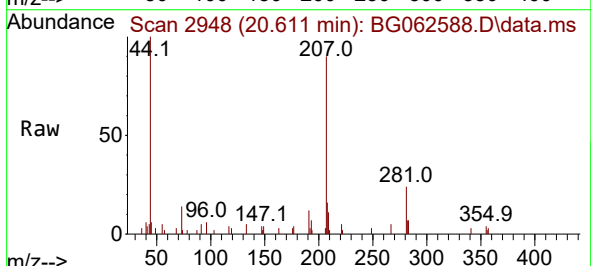
Tgt Ion:149 Resp: 226

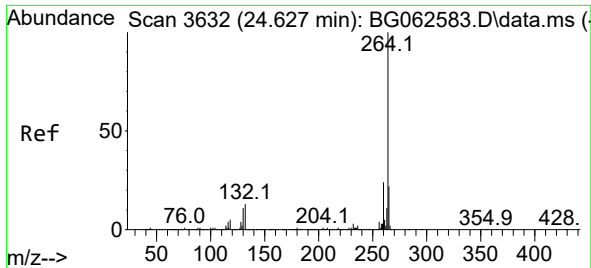
Ion Ratio Lower Upper

149 100

91 115.1 59.0 88.6#

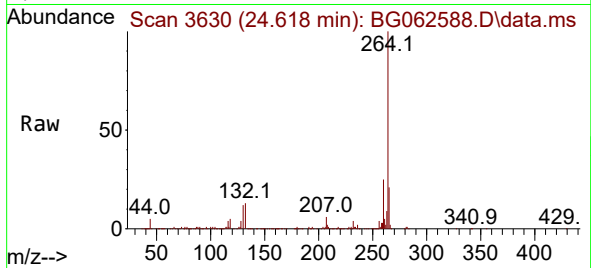
206 87.0 18.5 27.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.618 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG062588.D
Acq: 27 Aug 2024 21:58

Instrument :
BNA_G
ClientSampleId :
PB162871TB



Tgt Ion:264 Resp: 511281

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.5	17.8	26.6

