

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060966.D
 Acq On : 19 Apr 2024 19:40
 Operator : MA/JU
 Sample : P2196-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 19 22:43:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

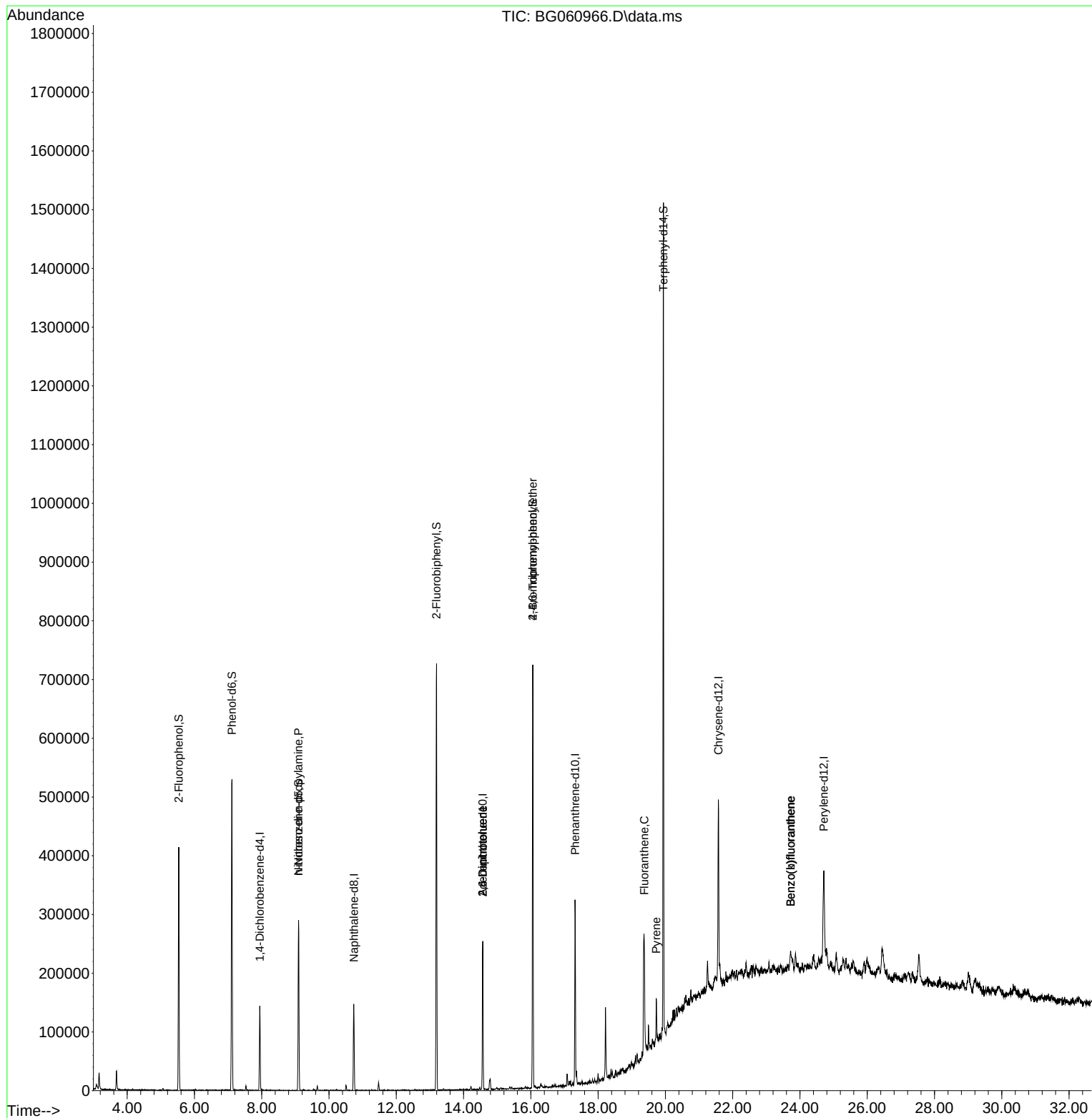
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	36351	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	116436	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	89797	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	198732	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	191645	20.000	ng	# 0.00
86) Perylene-d12	24.705	264	220287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	147566	70.512	ng	0.00
7) Phenol-d6	7.114	99	239940	79.587	ng	0.00
23) Nitrobenzene-d5	9.094	82	147150	57.373	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	151310	101.997	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	382265	62.470	ng	0.00
79) Terphenyl-d14	19.940	244	703031	64.022	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	22256	9.692	ng	# 76
51) 2,6-Dinitrotoluene	14.570	165	11702	8.057	ng	# 18
57) 2,4-Dinitrotoluene	14.570	165	11702	5.639	ng	# 20
67) 4-Bromophenyl-phenylether	16.057	248	9725	4.368	ng	# 1
75) Fluoranthene	19.370	202	40924	3.196	ng	94
78) Pyrene	19.729	202	42706	3.248	ng	99
88) Benzo(b)fluoranthene	23.724	252	30995	2.487	ng	# 73
89) Benzo(k)fluoranthene	23.724	252	30995	2.431	ng	# 76

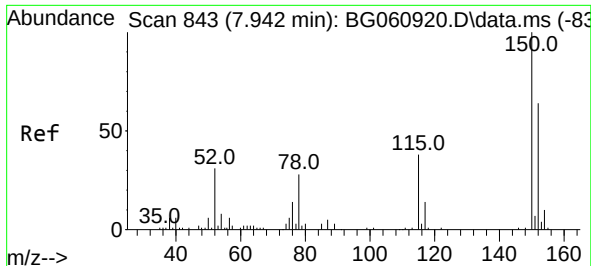
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060966.D
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BNA_G
ClientSampleId :

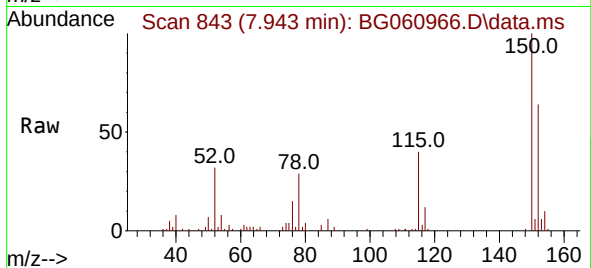
Quant Time: Apr 19 22:43:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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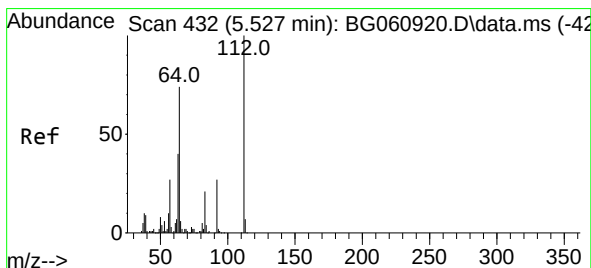
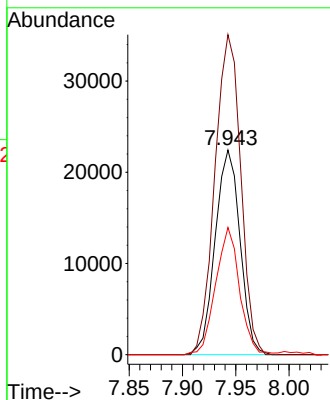
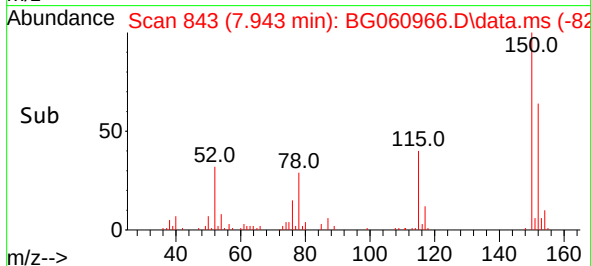


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.943 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG060966.D
 Acq: 19 Apr 2024 19:40

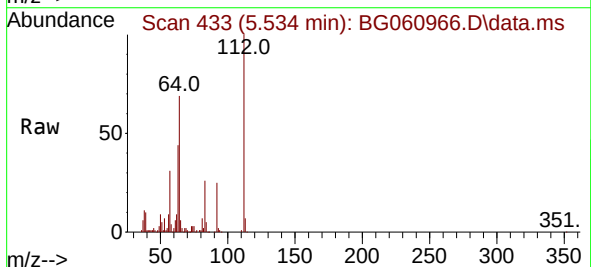
Instrument :
 BNA_G
 ClientSampleId :



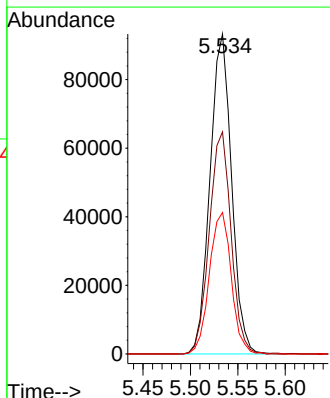
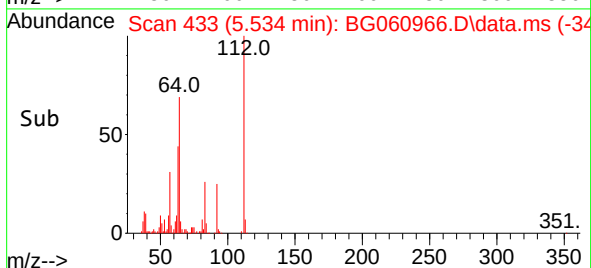
Tgt Ion:152 Resp: 36351
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.6 188.4
 115 62.2 47.1 70.7

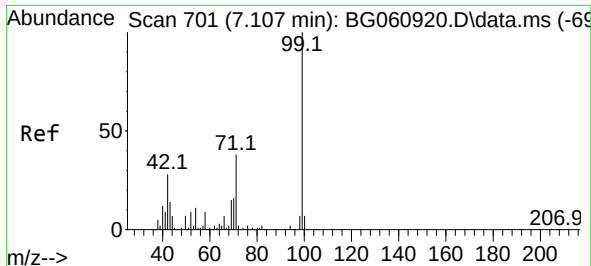


#5
 2-Fluorophenol
 Concen: 70.512 ng
 RT: 5.534 min Scan# 433
 Delta R.T. 0.007 min
 Lab File: BG060966.D
 Acq: 19 Apr 2024 19:40



Tgt Ion:112 Resp: 147566
 Ion Ratio Lower Upper
 112 100
 64 69.4 58.9 88.3
 63 44.2 32.1 48.1

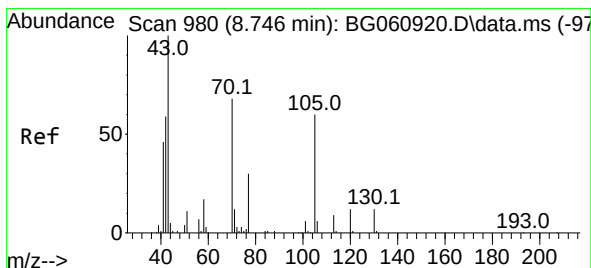
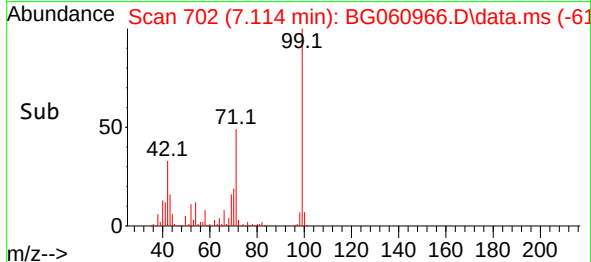
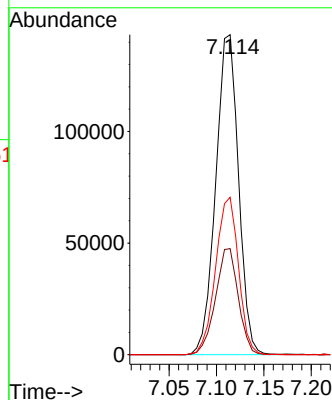
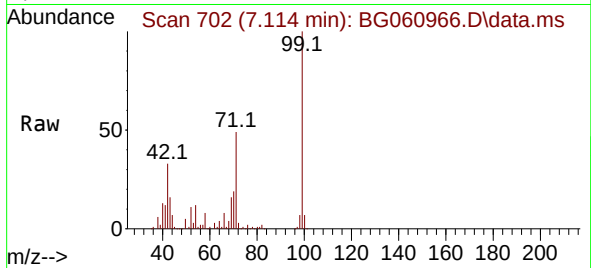




#7
Phenol-d6
Concen: 79.587 ng
RT: 7.114 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

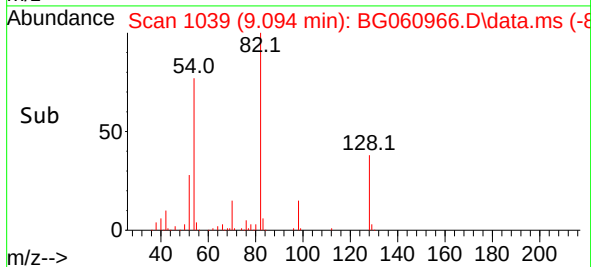
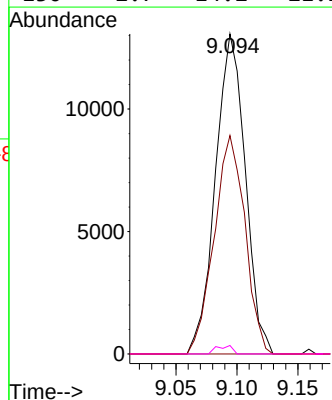
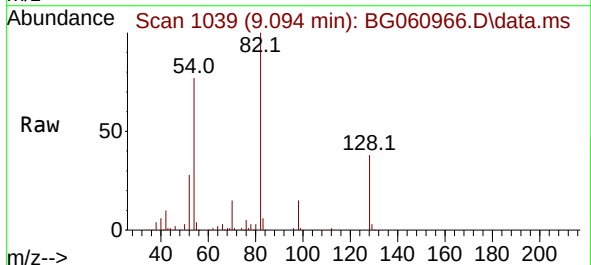
Instrument :
BNA_G
ClientSampleId :

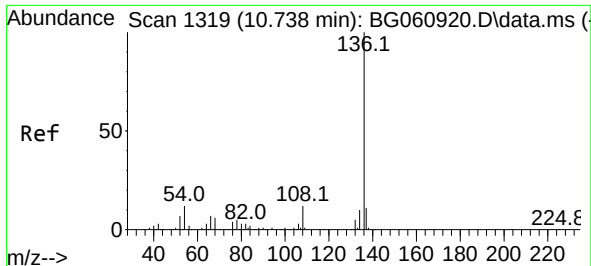
Tgt Ion: 99 Resp: 239940
Ion Ratio Lower Upper
99 100
42 33.1 22.2 33.2
71 49.2 30.5 45.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.692 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.348 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion: 70 Resp: 22256
Ion Ratio Lower Upper
70 100
42 68.3 70.9 106.3#
101 0.0 7.0 10.4#
130 2.7 14.2 21.2#

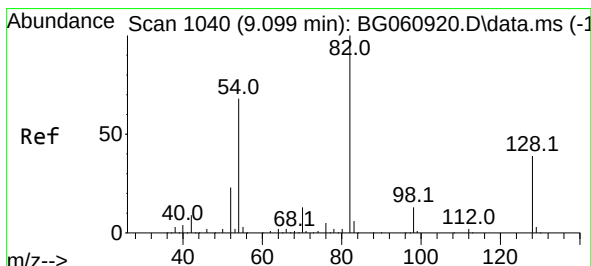
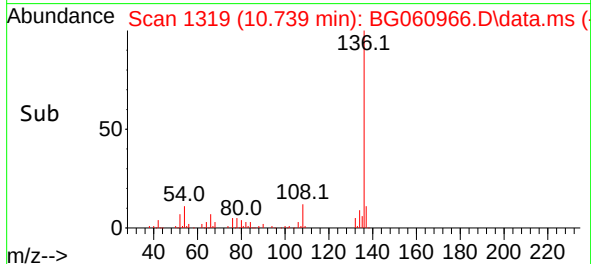
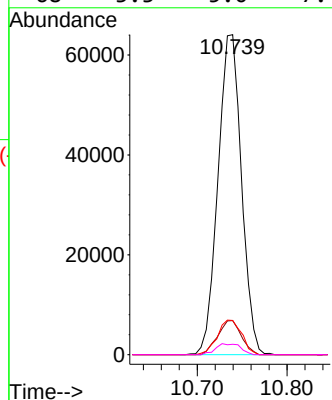
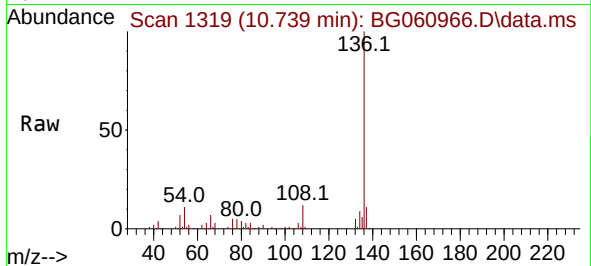




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

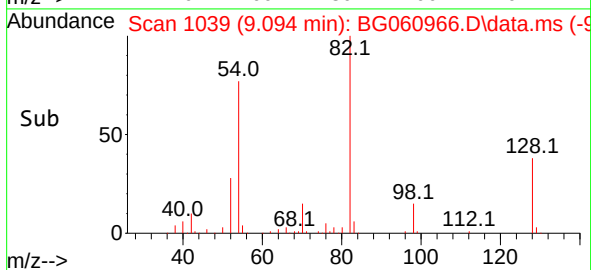
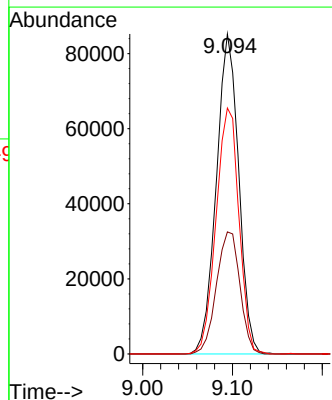
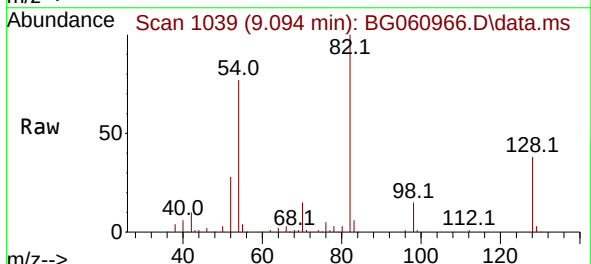
Instrument :
BNA_G
ClientSampleId :

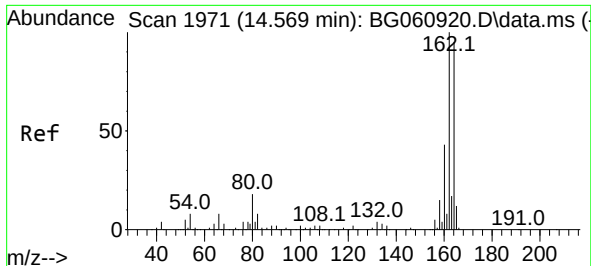
Tgt Ion:	136	Resp:	116436
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.7	9.8	14.8
68	3.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.373 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.005 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

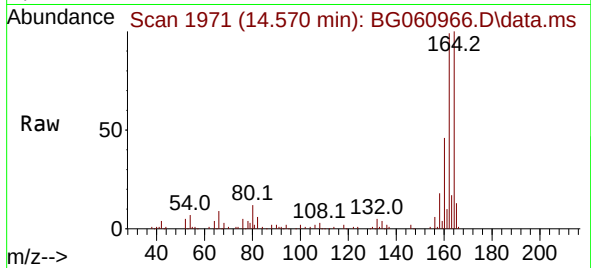
Tgt Ion:	82	Resp:	147150
Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.4	47.0
54	76.8	54.2	81.4



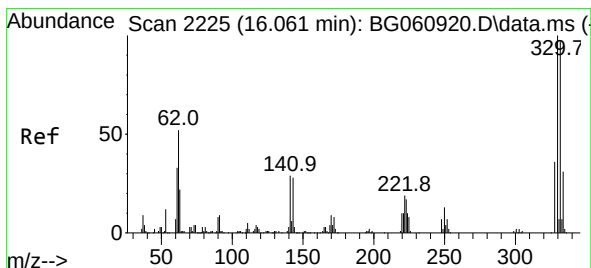
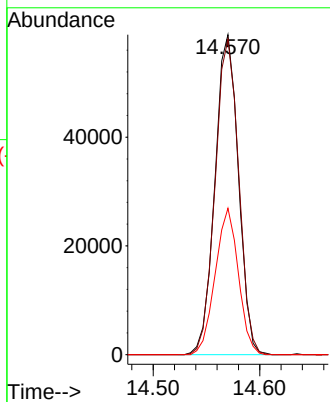
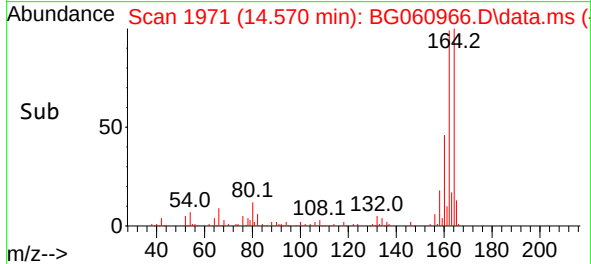


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1971
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Instrument :
BNA_G
ClientSampleId :

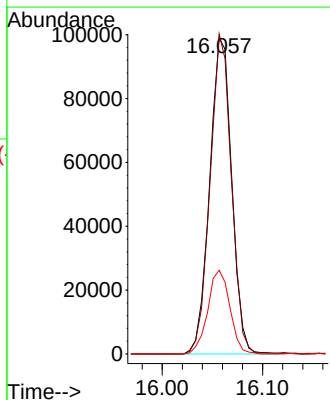
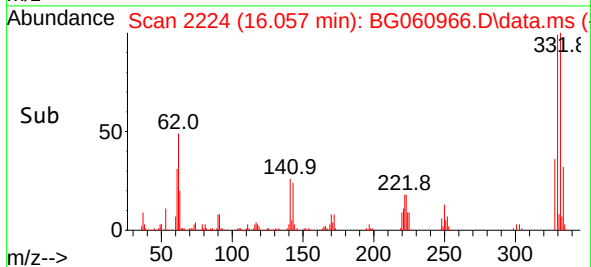
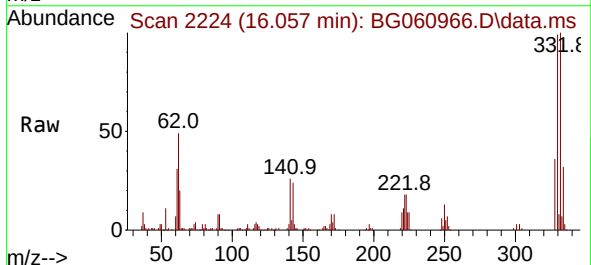


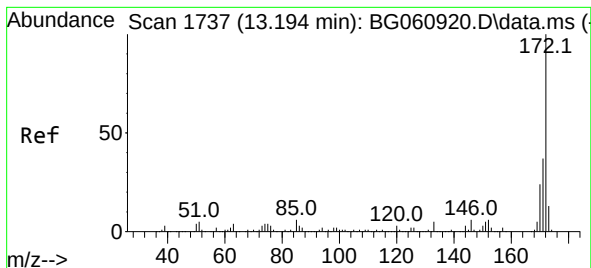
Tgt Ion:164 Resp: 89797
Ion Ratio Lower Upper
164 100
162 98.7 84.1 126.1
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 101.997 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion:330 Resp: 151310
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 26.5 23.7 35.5

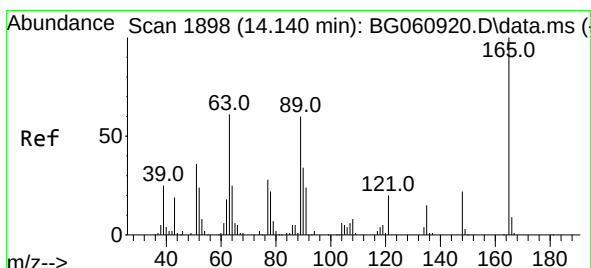
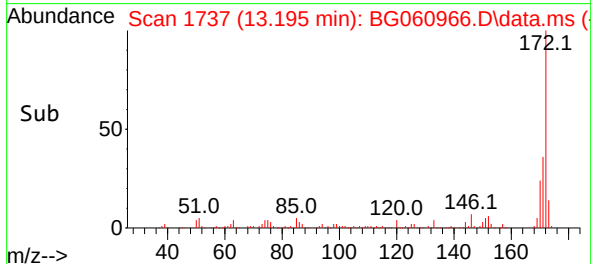
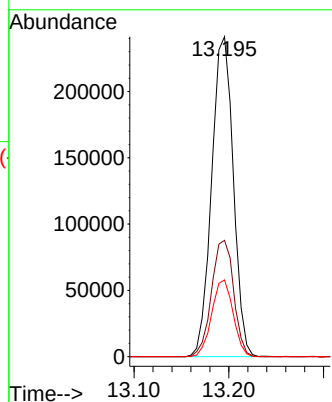
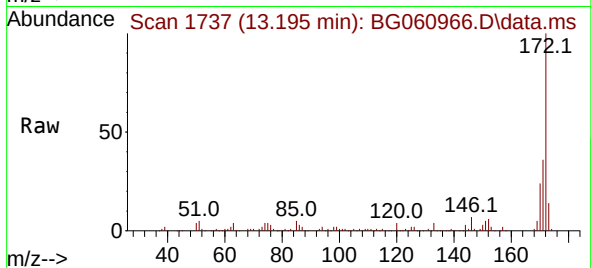




#45
2-Fluorobiphenyl
Concen: 62.470 ng
RT: 13.195 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

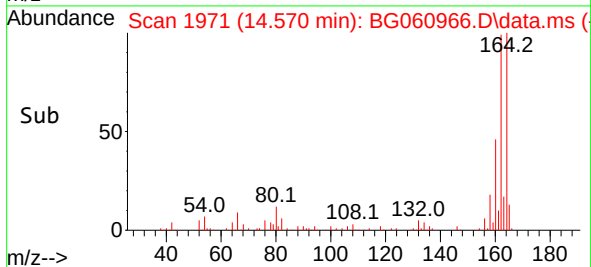
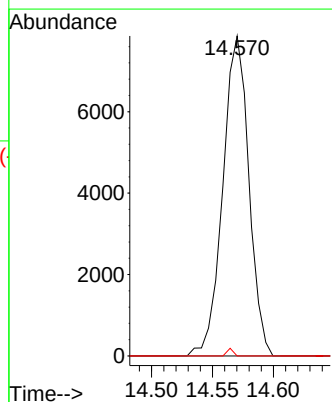
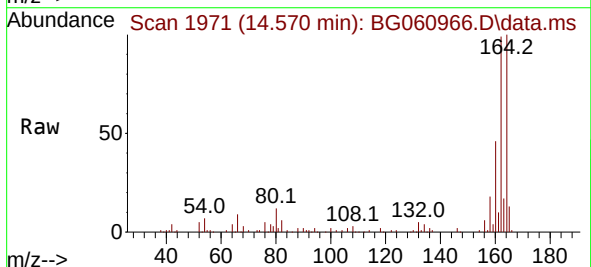
Instrument :
BNA_G
ClientSampleId :

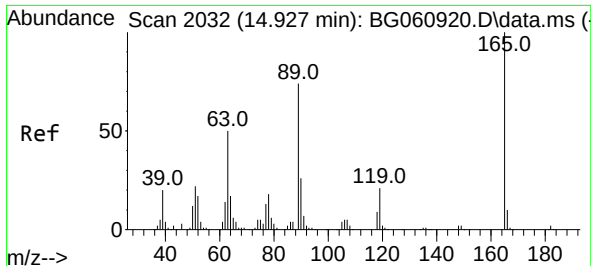
Tgt Ion:172 Resp: 382265
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.057 ng
RT: 14.570 min Scan# 1971
Delta R.T. 0.430 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

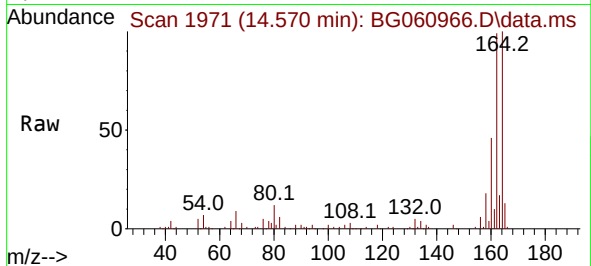
Tgt Ion:165 Resp: 11702
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 0.0 48.2 72.4#



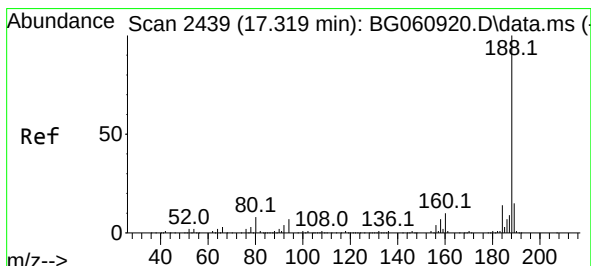
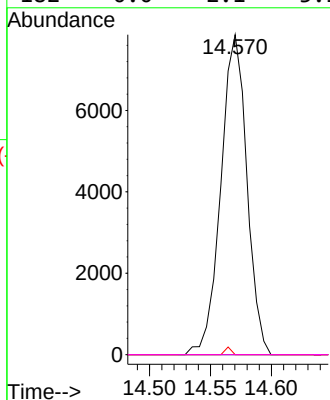
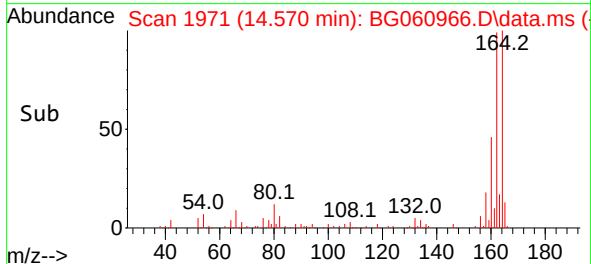


#57
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.357 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Instrument :
BNA_G
ClientSampleId :

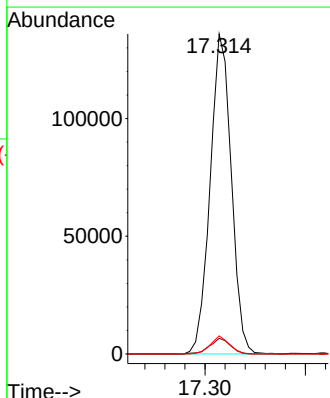
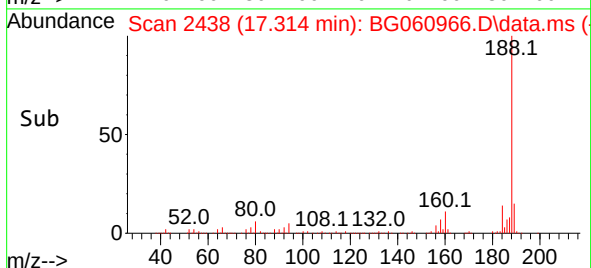
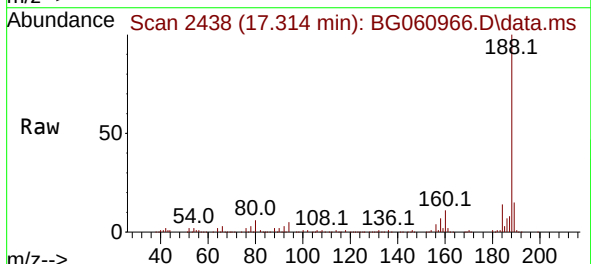


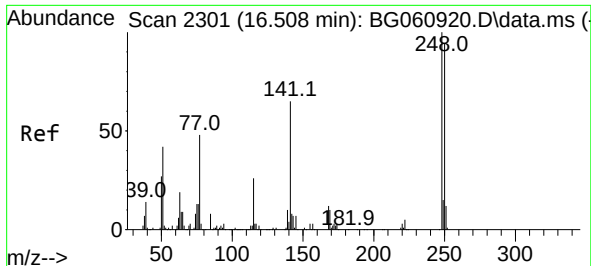
Tgt Ion:165 Resp: 11702
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 0.0 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion:188 Resp: 198732
Ion Ratio Lower Upper
188 100
94 4.9 5.7 8.5#
80 5.6 6.6 9.8#

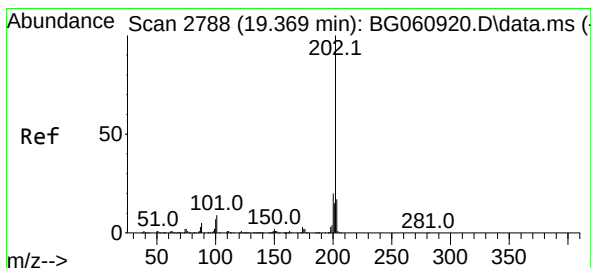
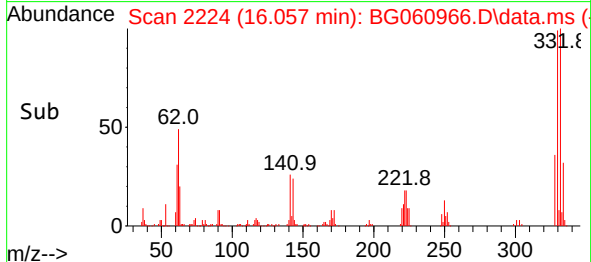
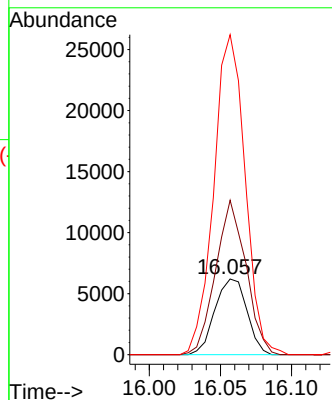
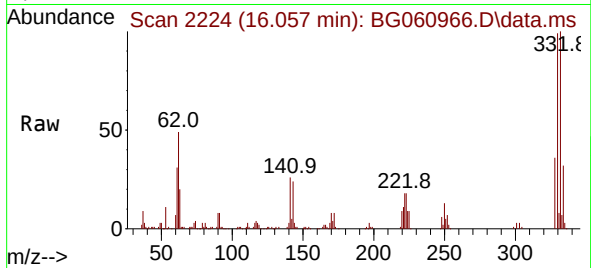




#67
4-Bromophenyl-phenylether
Concen: 4.368 ng
RT: 16.057 min Scan# 211
Delta R.T. -0.451 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

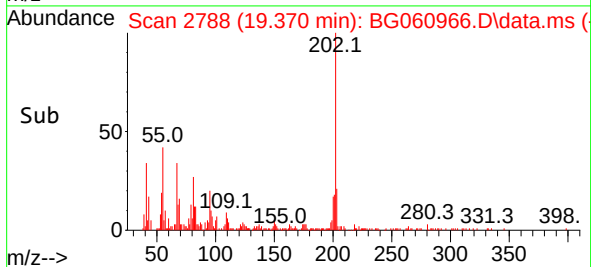
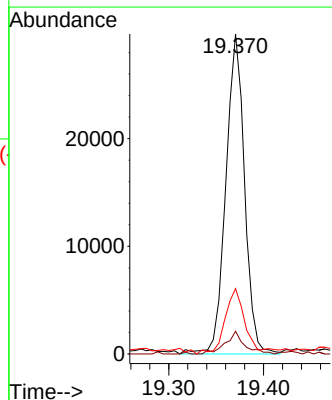
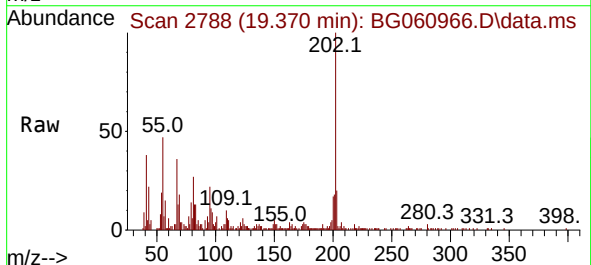
Instrument :
BNA_G
ClientSampleId :

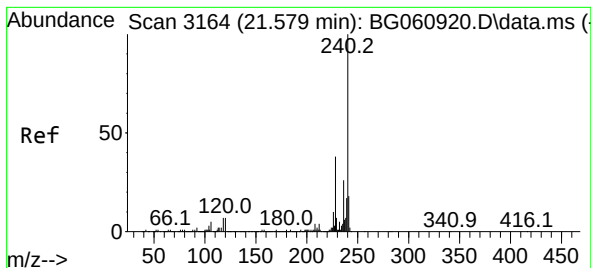
Tgt Ion:248 Resp: 9725
Ion Ratio Lower Upper
248 100
250 203.9 75.4 113.2#
141 422.5 52.2 78.2#



#75
Fluoranthene
Concen: 3.196 ng
RT: 19.370 min Scan# 2788
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion:202 Resp: 40924
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.6
203 20.4 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

Instrument :

BNA_G

ClientSampleId :

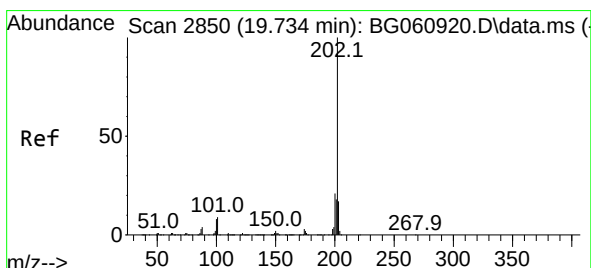
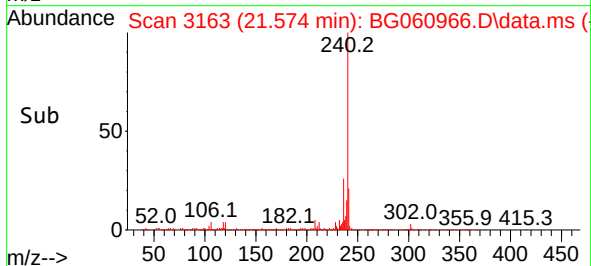
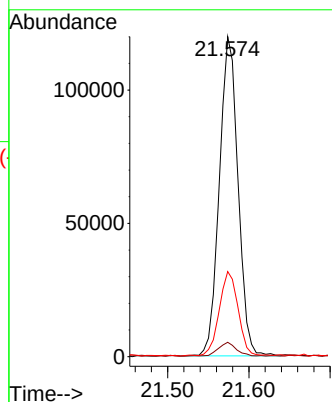
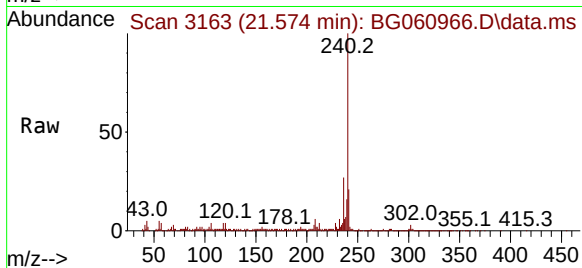
Tgt Ion:240 Resp: 191645

Ion Ratio Lower Upper

240 100

120 4.5 5.7 8.5#

236 26.6 21.1 31.7



#78

Pyrene

Concen: 3.248 ng

RT: 19.729 min Scan# 2849

Delta R.T. -0.005 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

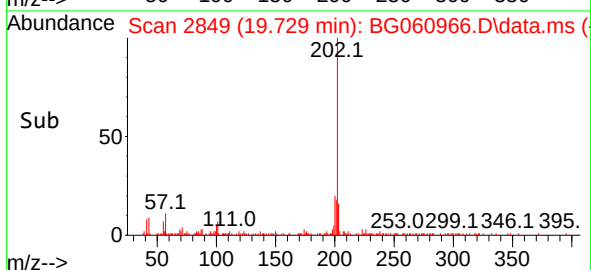
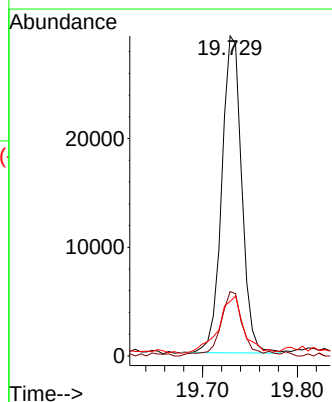
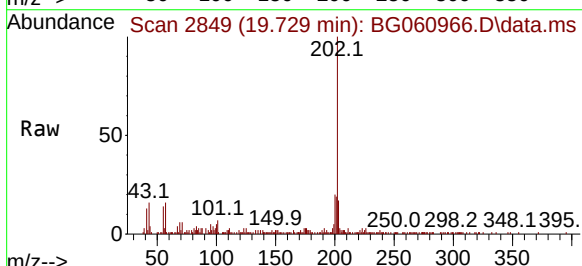
Tgt Ion:202 Resp: 42706

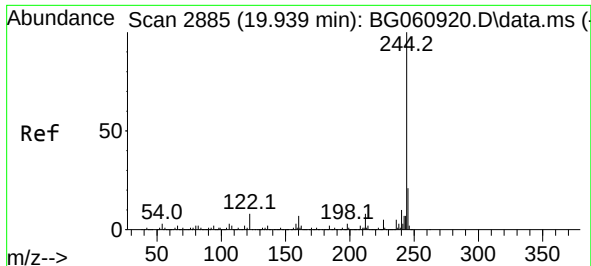
Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

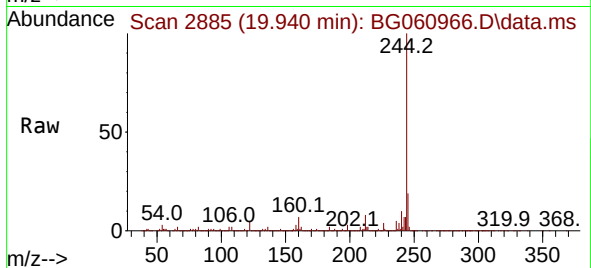
203 17.0 13.8 20.8



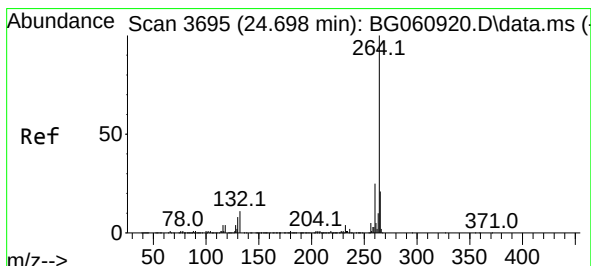
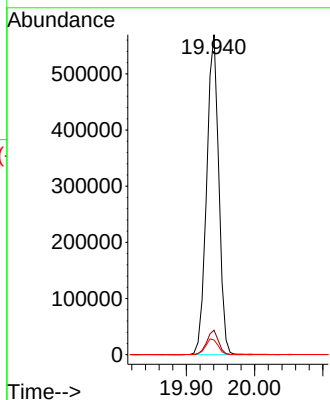
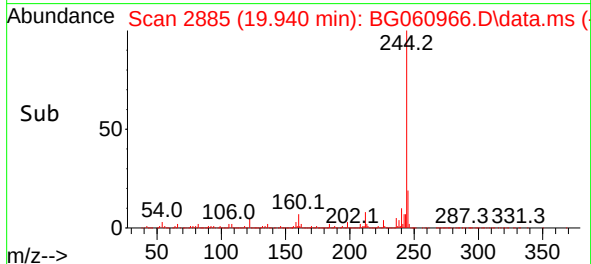


#79
 Terphenyl-d14
 Concen: 64.022 ng
 RT: 19.940 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060966.D
 Acq: 19 Apr 2024 19:40

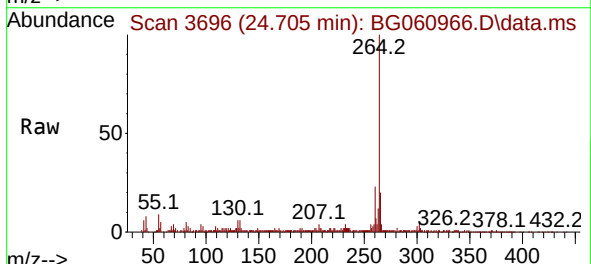
Instrument :
 BNA_G
 ClientSampleId :



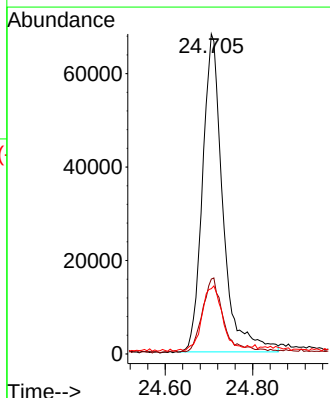
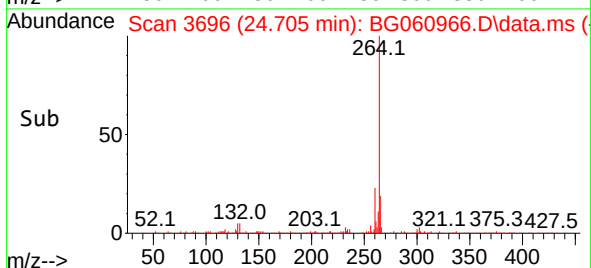
Tgt Ion:244 Resp: 703031
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 4.6 6.6 9.8#

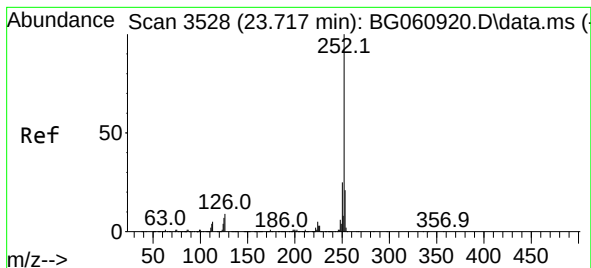


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.705 min Scan# 3696
 Delta R.T. 0.007 min
 Lab File: BG060966.D
 Acq: 19 Apr 2024 19:40



Tgt Ion:264 Resp: 220287
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.4 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.487 ng

RT: 23.724 min Scan# 3529

Delta R.T. 0.007 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

Instrument :

BNA_G

ClientSampleId :

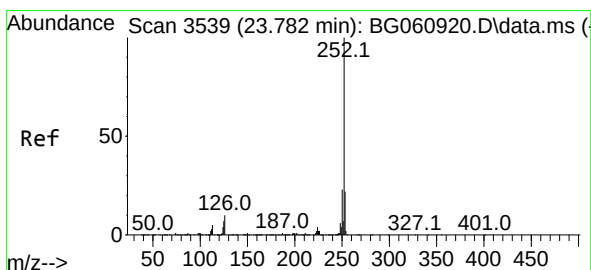
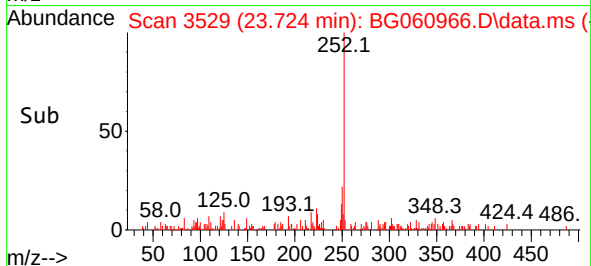
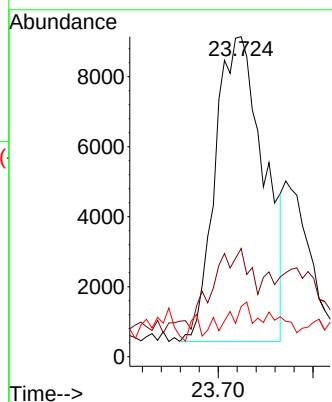
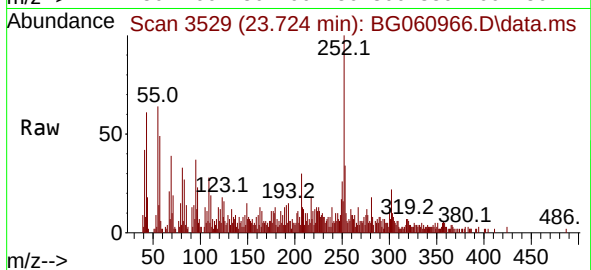
Tgt Ion:252 Resp: 30995

Ion Ratio Lower Upper

252 100

253 33.8 16.8 25.2#

125 15.7 5.6 8.4#



#89

Benzo(k)fluoranthene

Concen: 2.431 ng

RT: 23.724 min Scan# 3529

Delta R.T. -0.058 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

Tgt Ion:252 Resp: 30995

Ion Ratio Lower Upper

252 100

253 33.8 17.9 26.9#

125 15.7 5.8 8.8#

