

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060675.D
 Acq On : 15 Mar 2024 22:54
 Operator : MA/JU
 Sample : P1767-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424

Quant Time: Mar 15 23:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

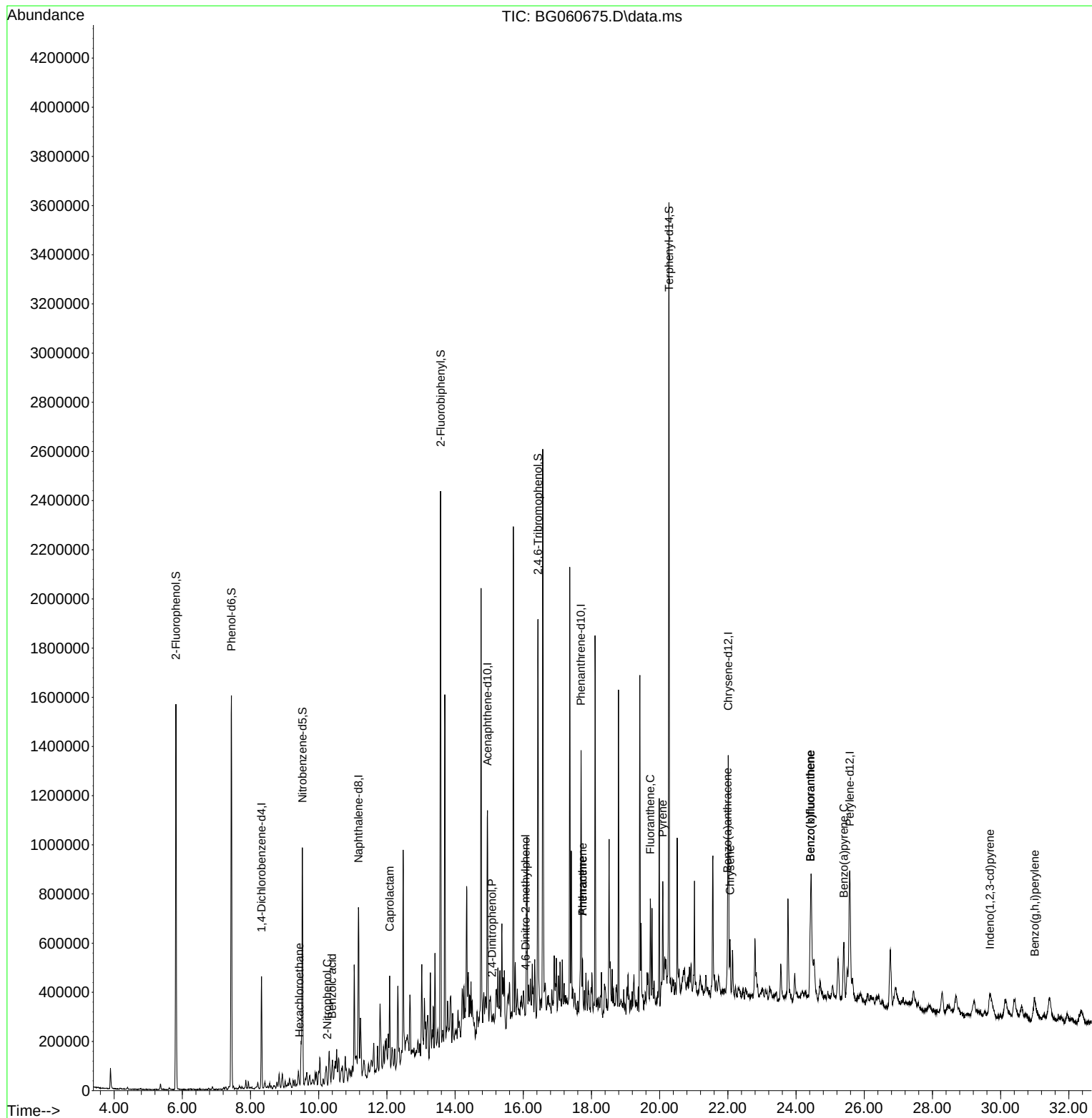
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	120569	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	530293	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	314732	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	605220	20.000	ng	0.00
76) Chrysene-d12	22.013	240	572659	20.000	ng	-0.01
86) Perylene-d12	25.573	264	700526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	661873	86.296	ng	0.00
7) Phenol-d6	7.441	99	907525	81.568	ng	0.00
23) Nitrobenzene-d5	9.521	82	559201	54.881	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	303776	83.293	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1194290	51.305	ng	0.00
79) Terphenyl-d14	20.273	244	1583721	49.989	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.433	117	6361	2.032	ng	# 16
26) 2-Nitrophenol	10.256	139	55	2.249	ng	# 1
32) Benzoic acid	10.397	122	57	6.029	ng	# 1
35) Caprolactam	12.083	113	9057	3.321	ng	# 1
54) 2,4-Dinitrophenol	15.080	184	61	6.869	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.067	198	168	4.870	ng	# 1
71) Phenanthrene	17.741	178	96571	2.962	ng	97
72) Anthracene	17.741	178	96571	2.930	ng	97
75) Fluoranthene	19.727	202	256651	7.117	ng	99
78) Pyrene	20.091	202	284374	7.116	ng	98
81) Benzo(a)anthracene	21.989	228	167365	4.245	ng	# 94
83) Chrysene	22.065	228	191184	4.994	ng	96
87) Indeno(1,2,3-cd)pyrene	29.692	276	222805	4.663	ng	# 68
88) Benzo(b)fluoranthene	24.422	252	367582	9.538	ng	# 96
89) Benzo(k)fluoranthene	24.422	252	367582	9.079	ng	# 96
90) Benzo(a)pyrene	25.403	252	251187	6.648	ng	# 93
92) Benzo(g,h,i)perylene	31.002	276	222926	5.676	ng	97

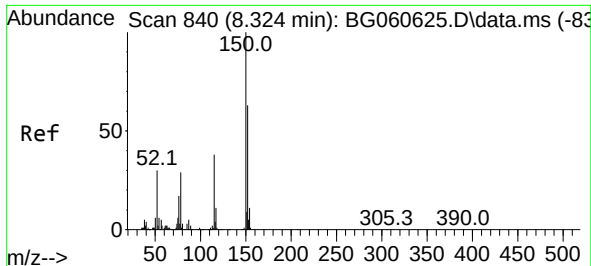
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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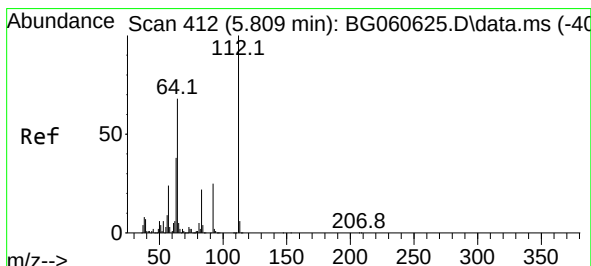
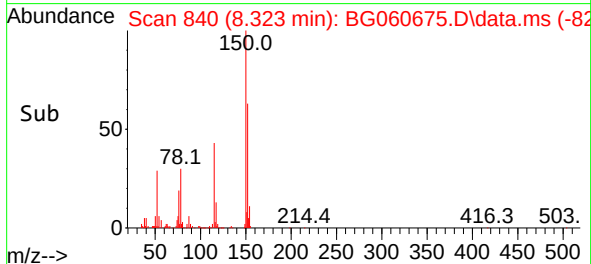
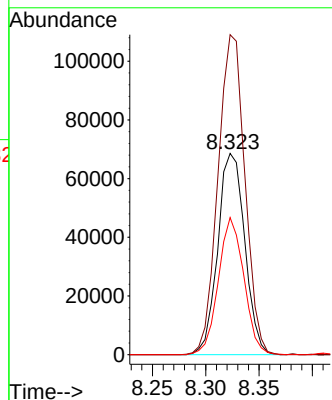
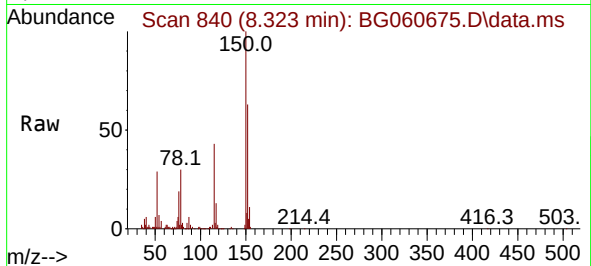




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.323 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

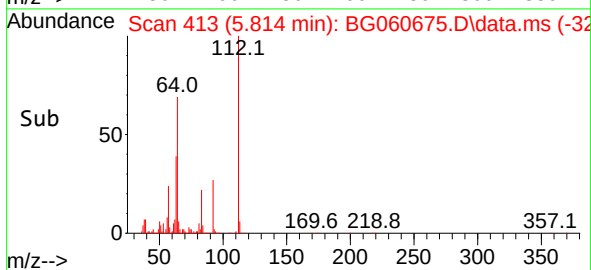
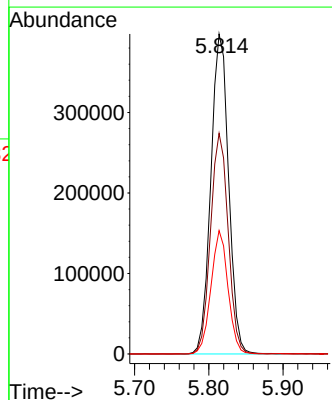
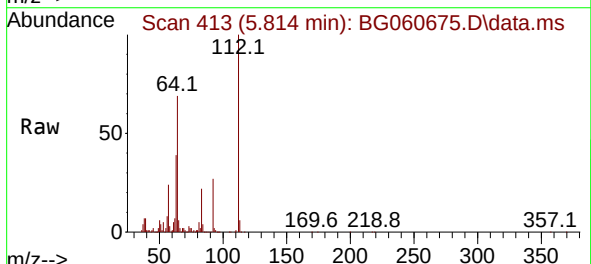
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424

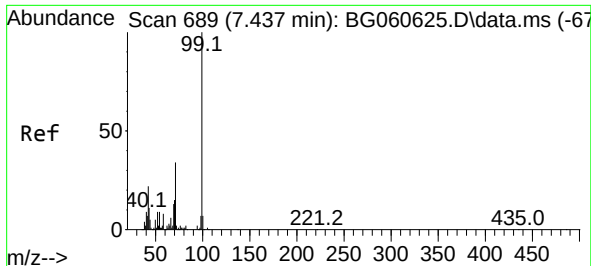
Tgt Ion:152 Resp: 120569
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.6 190.0
 115 68.1 47.8 71.8



#5
 2-Fluorophenol
 Concen: 86.296 ng
 RT: 5.814 min Scan# 413
 Delta R.T. 0.005 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

Tgt Ion:112 Resp: 661873
 Ion Ratio Lower Upper
 112 100
 64 69.0 54.1 81.1
 63 38.6 30.3 45.5

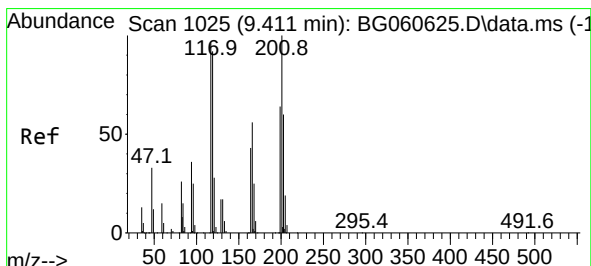
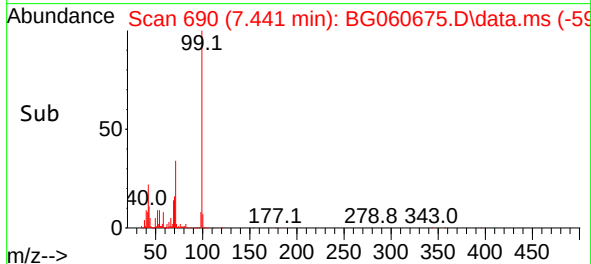
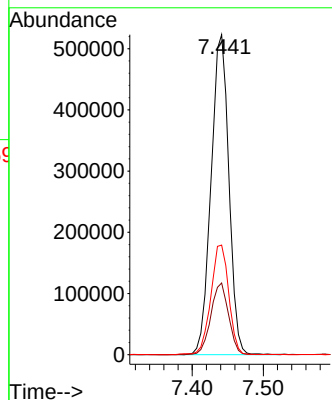
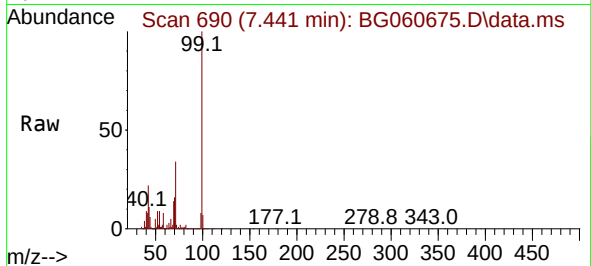




#7
Phenol-d6
Concen: 81.568 ng
RT: 7.441 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

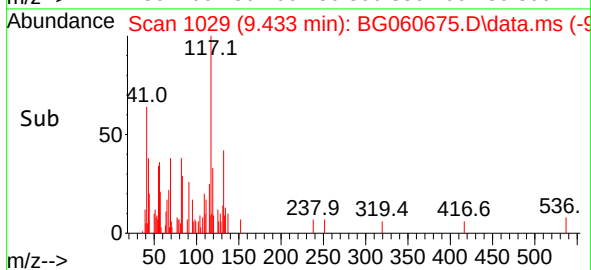
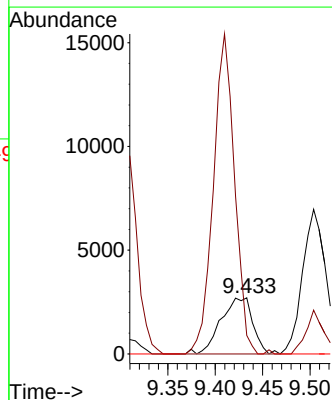
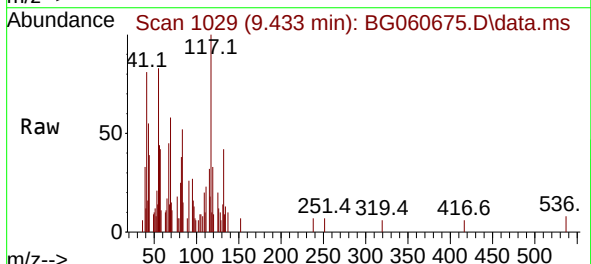
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

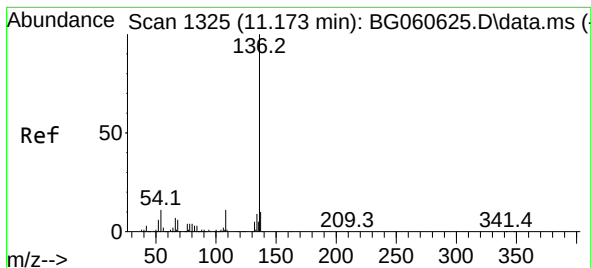
Tgt Ion: 99 Resp: 907525
Ion Ratio Lower Upper
99 100
42 22.4 17.5 26.3
71 34.3 27.4 41.0



#18
Hexachloroethane
Concen: 2.032 ng
RT: 9.433 min Scan# 1029
Delta R.T. 0.022 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion: 117 Resp: 6361
Ion Ratio Lower Upper
117 100
119 33.1 76.7 115.1#
201 0.0 83.0 124.6#

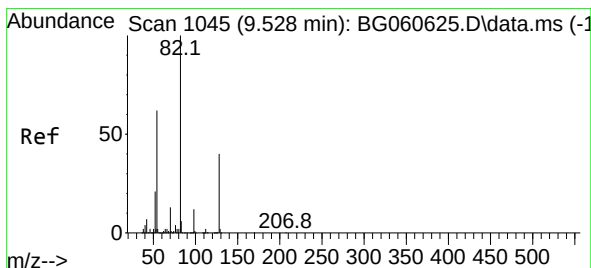
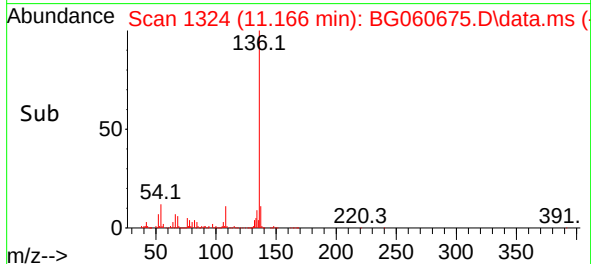
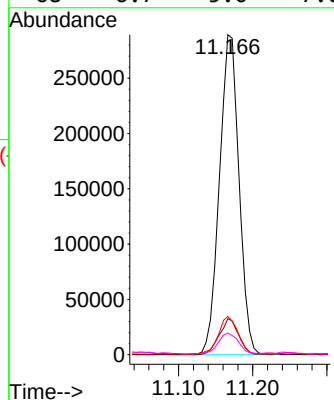
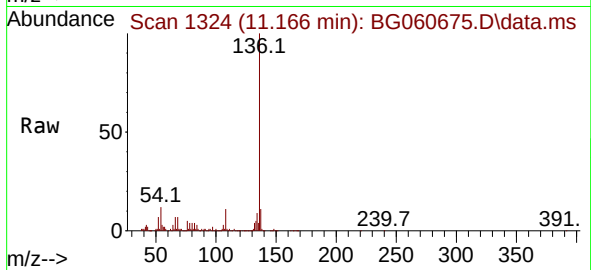




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 111
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

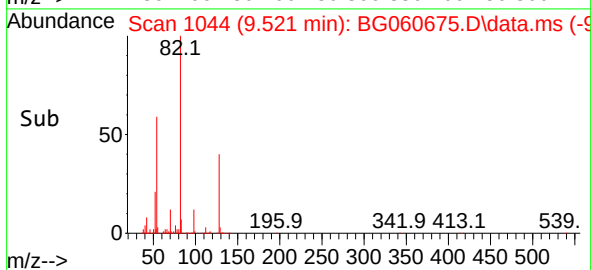
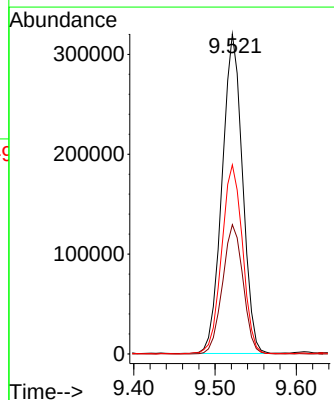
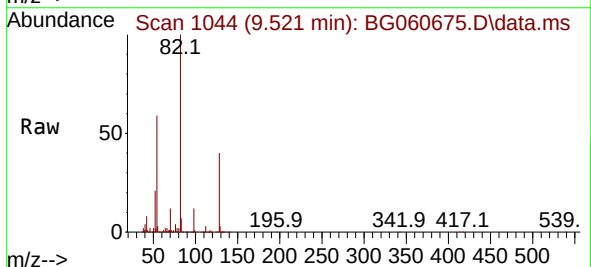
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

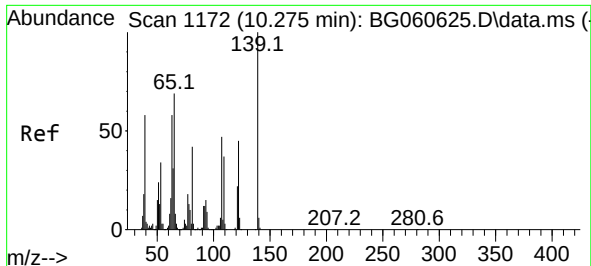
Tgt Ion:	136	Resp:	530293
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.0	8.5	12.7
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 54.881 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:	82	Resp:	559201
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.6	47.4
54	59.1	49.3	73.9

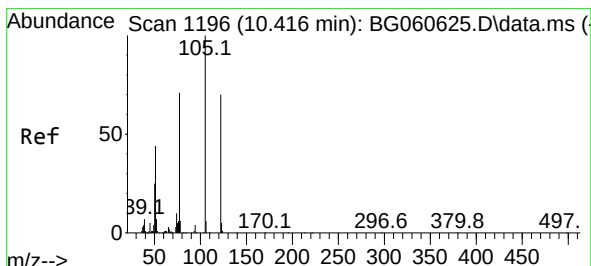
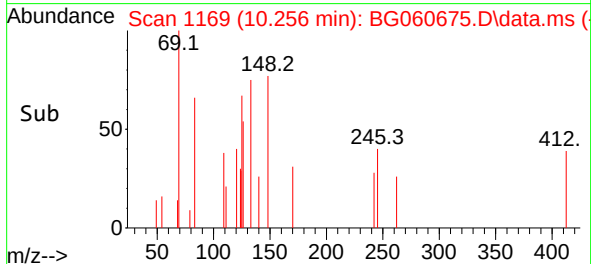
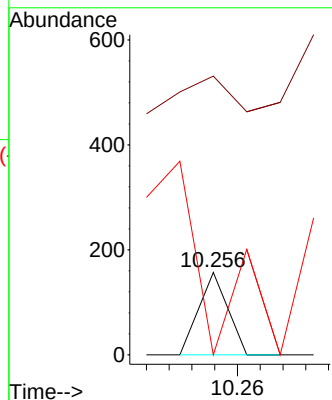
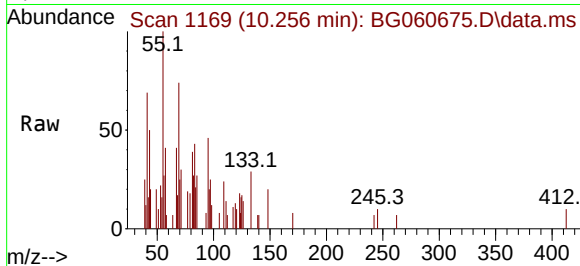




#26
2-Nitrophenol
Concen: 2.249 ng
RT: 10.256 min Scan# 1169
Delta R.T. -0.019 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

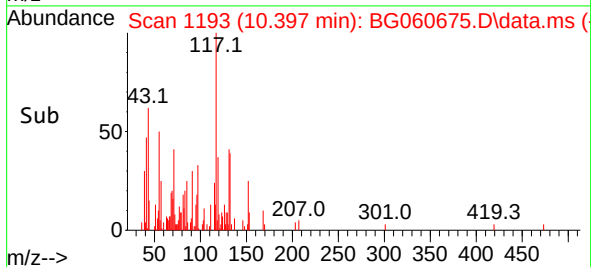
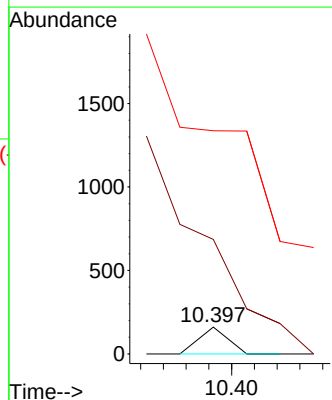
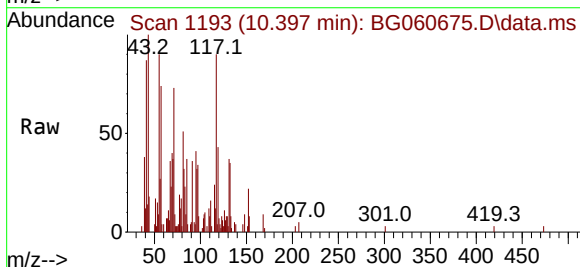
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

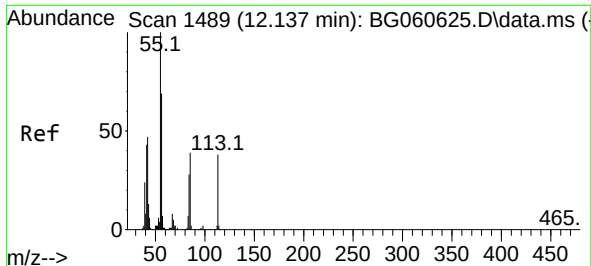
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 338.2 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.029 ng
RT: 10.397 min Scan# 1193
Delta R.T. -0.019 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 426.1 115.0 155.0#
77 830.4 79.0 119.0#

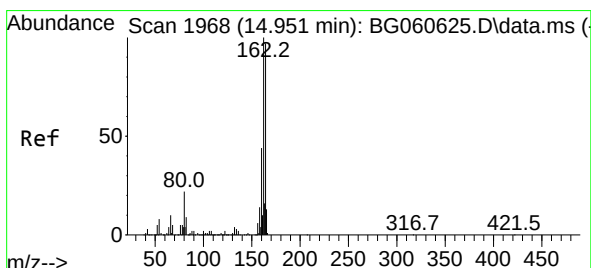
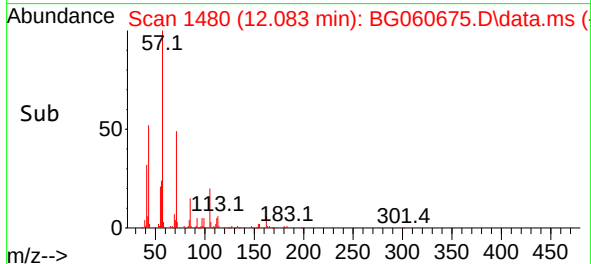
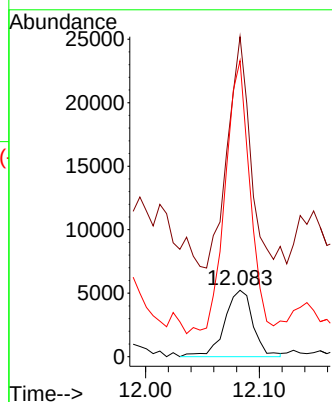
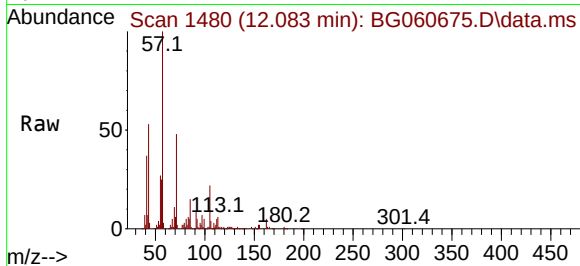




#35
Caprolactam
Concen: 3.321 ng
RT: 12.083 min Scan# 1489
Delta R.T. -0.054 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

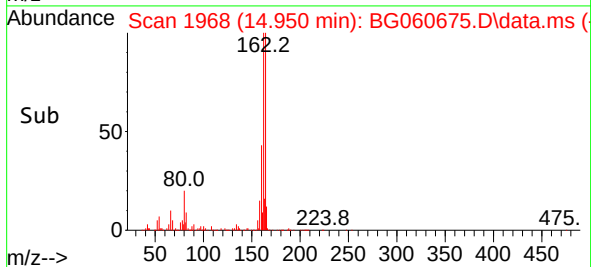
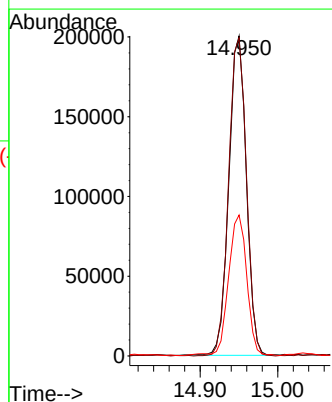
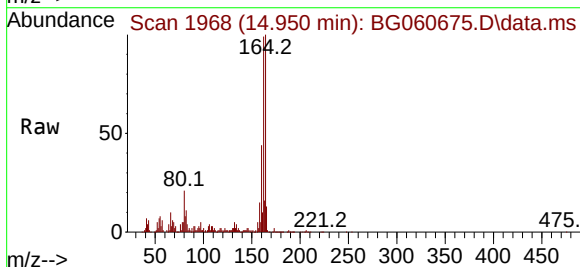
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

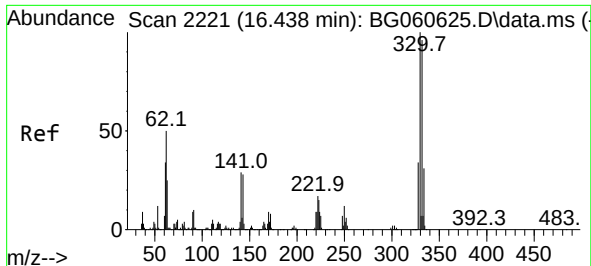
Tgt Ion:113 Resp: 9057
Ion Ratio Lower Upper
113 100
55 482.4 242.3 282.3#
56 446.2 162.1 202.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:164 Resp: 314732
Ion Ratio Lower Upper
164 100
162 99.4 82.5 123.7
160 44.1 36.4 54.6

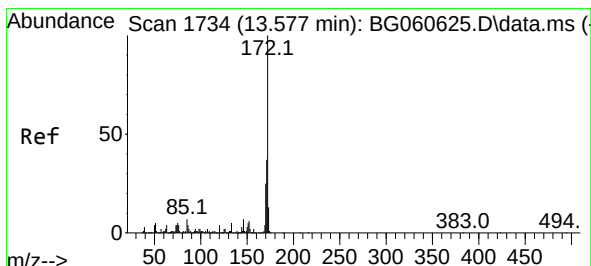
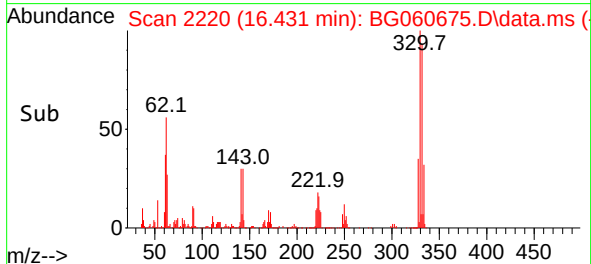
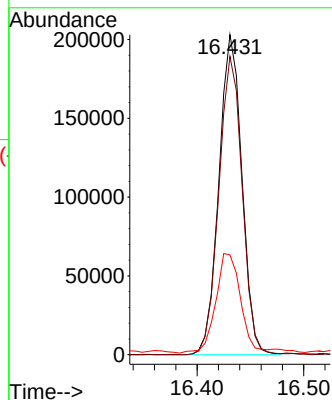
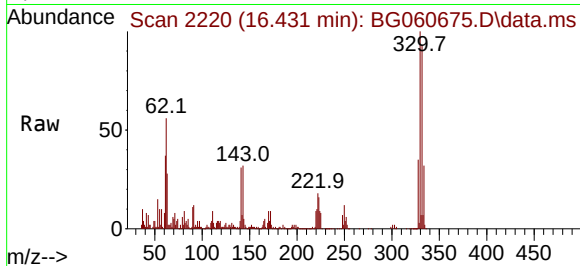




#42
2,4,6-Tribromophenol
Concen: 83.293 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

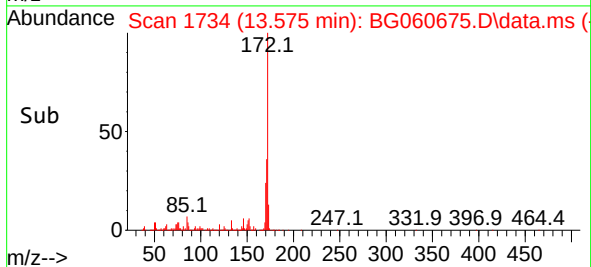
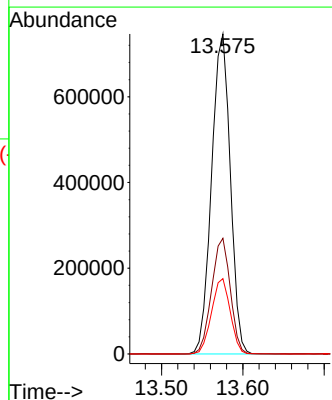
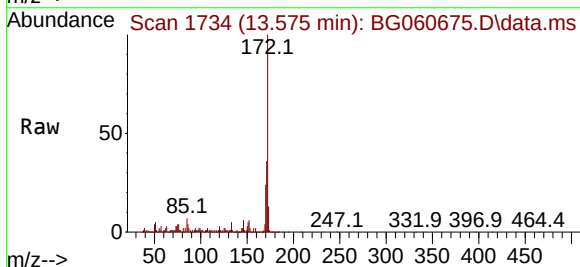
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NB-07-031424

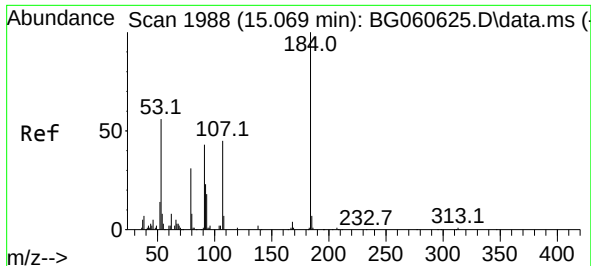
Tgt Ion:330 Resp: 303776
Ion Ratio Lower Upper
330 100
332 94.9 77.8 116.8
141 34.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 51.305 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:172 Resp: 1194290
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 23.6 19.8 29.6

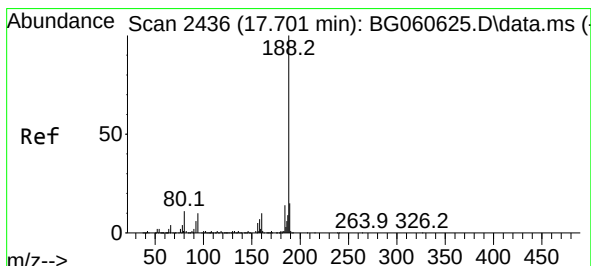
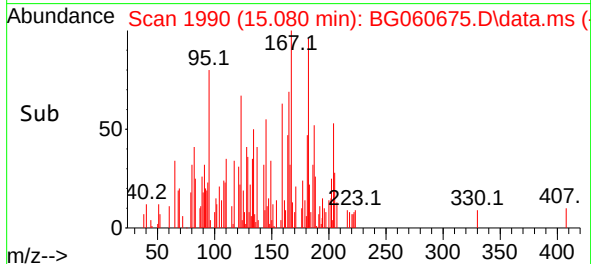
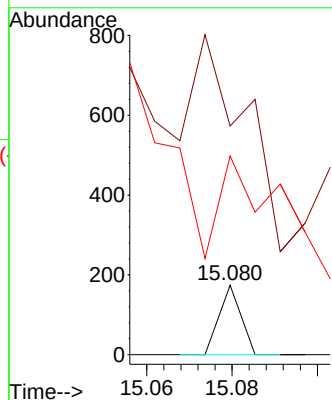
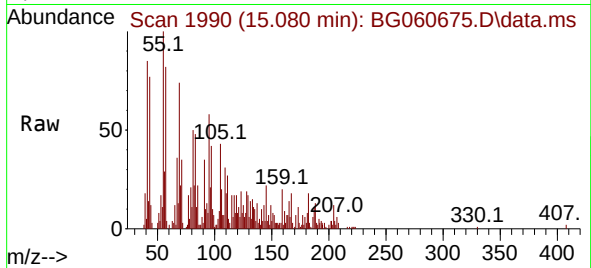




#54
2,4-Dinitrophenol
Concen: 6.869 ng
RT: 15.080 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

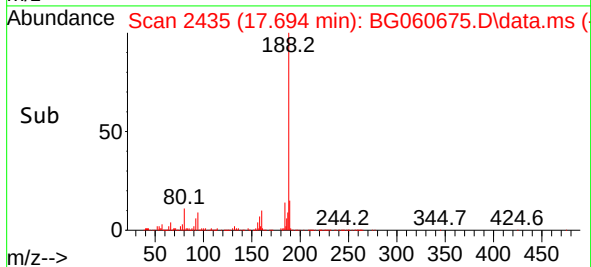
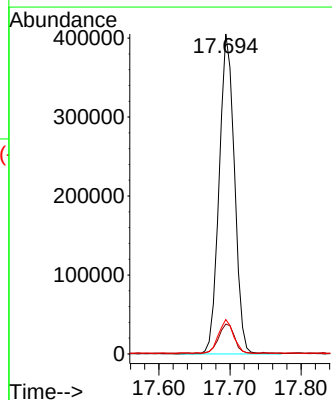
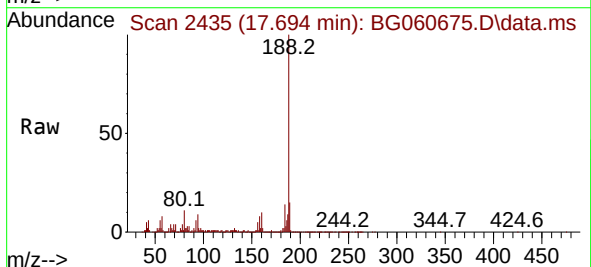
Instrument :
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NB-07-031424

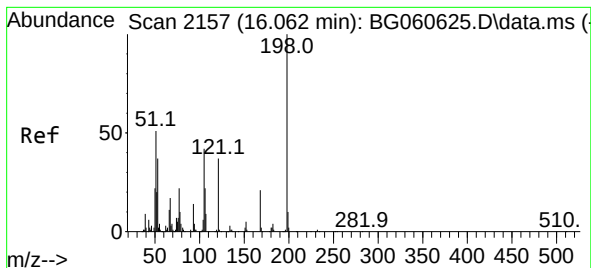
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 329.3 54.4 81.6#
154 286.2 50.4 75.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:188 Resp: 605220
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.8 8.6 13.0

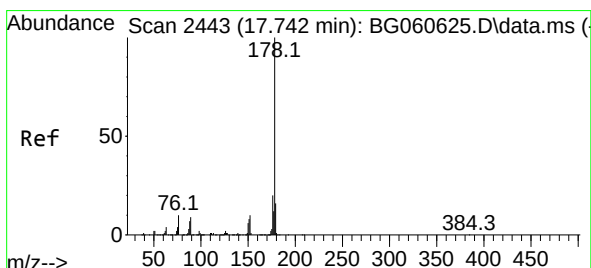
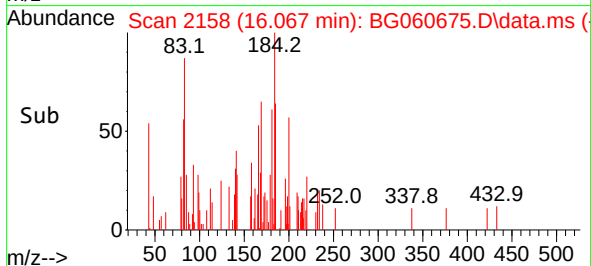
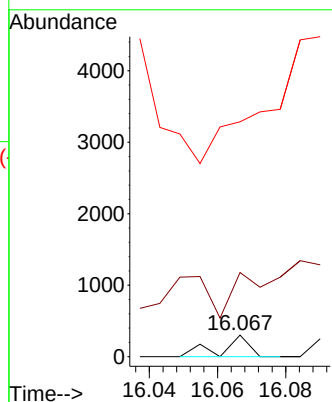
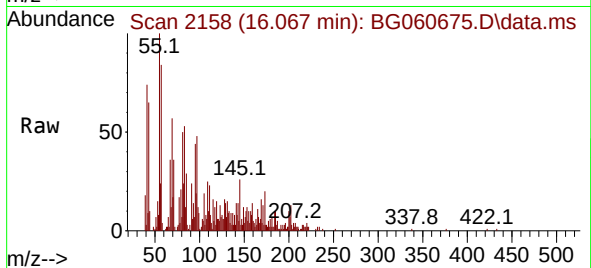




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.870 ng
 RT: 16.067 min Scan# 2157
 Delta R.T. 0.005 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

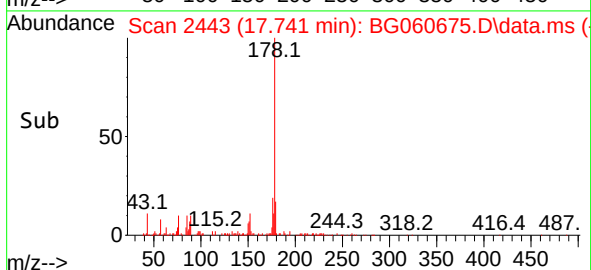
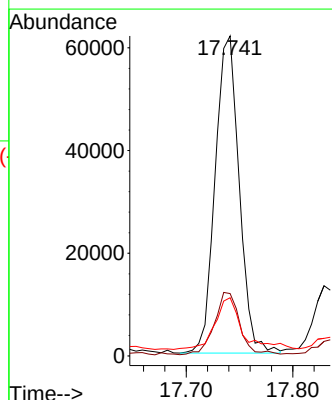
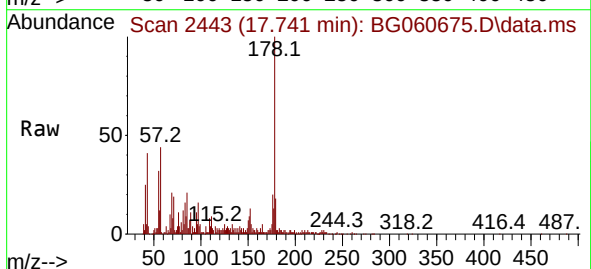
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424

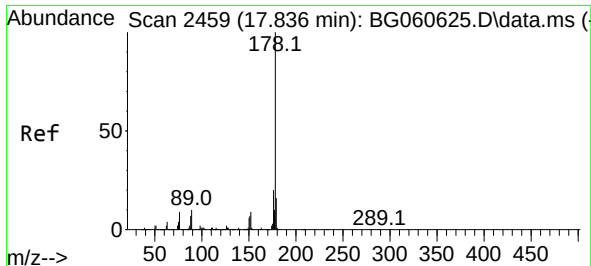
Tgt Ion:198 Resp: 168
 Ion Ratio Lower Upper
 198 100
 51 389.7 36.9 76.9#
 105 1088.4 22.4 62.4#



#71
 Phenanthrene
 Concen: 2.962 ng
 RT: 17.741 min Scan# 2443
 Delta R.T. -0.001 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

Tgt Ion:178 Resp: 96571
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.1 24.1
 179 18.2 12.9 19.3

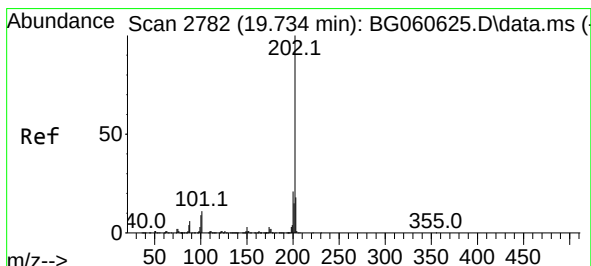
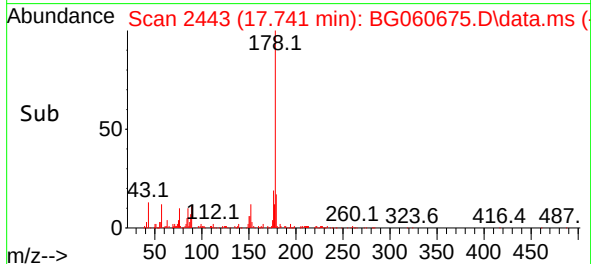
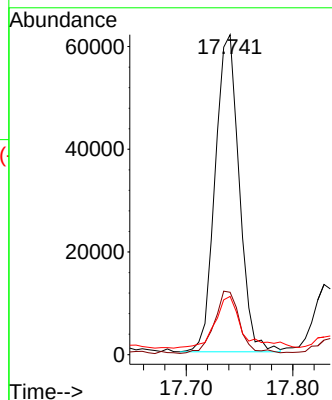
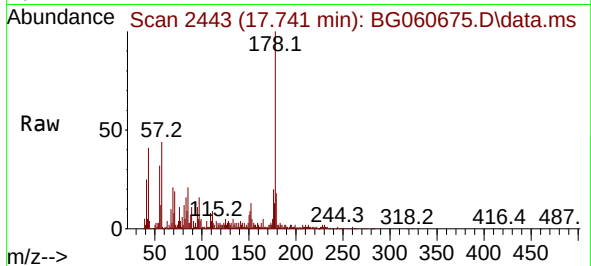




#72
 Anthracene
 Concen: 2.930 ng
 RT: 17.741 min Scan# 2459
 Delta R.T. -0.095 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

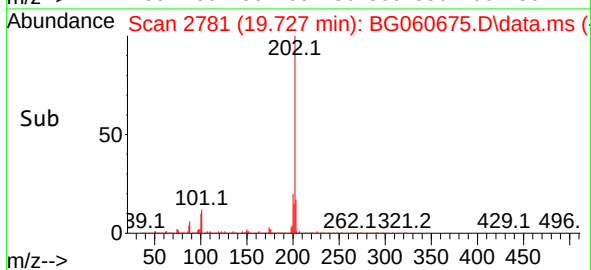
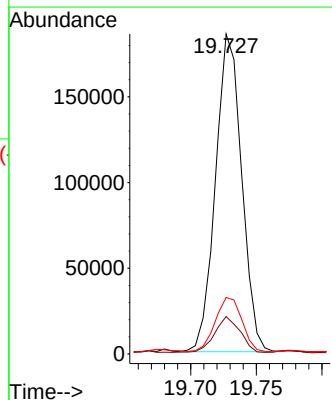
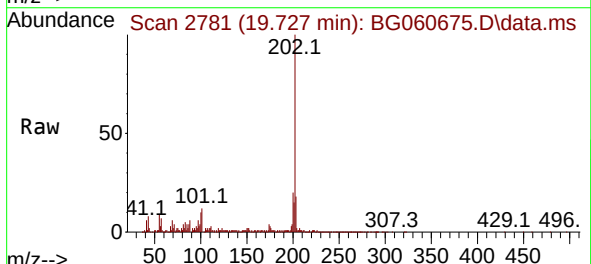
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424

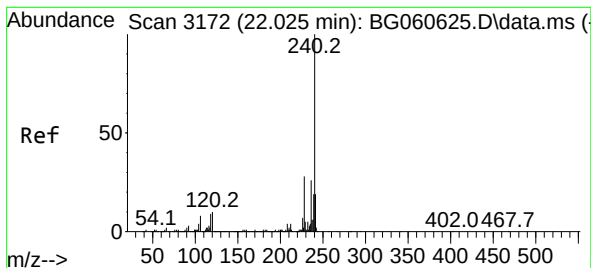
Tgt Ion:178 Resp: 96571
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 18.2 12.6 19.0



#75
 Fluoranthene
 Concen: 7.117 ng
 RT: 19.727 min Scan# 2781
 Delta R.T. -0.007 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

Tgt Ion:202 Resp: 256651
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.2
 203 17.6 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG060675.D

Acq: 15 Mar 2024 22:54

Instrument :

BNA_G

ClientSampleId :

NB-07-031424

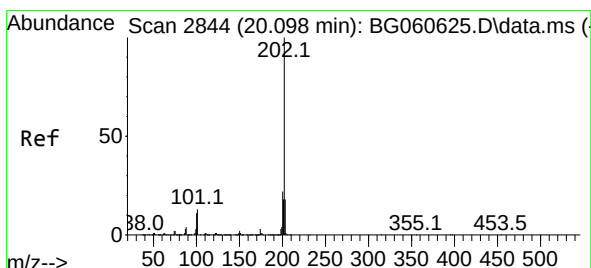
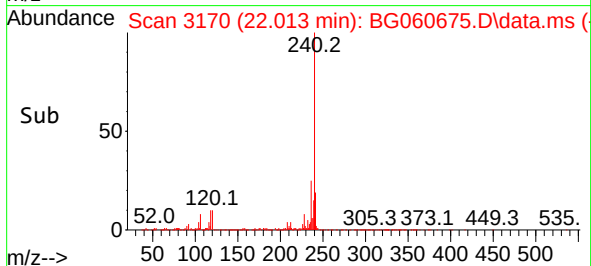
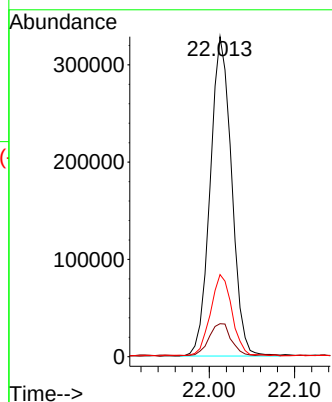
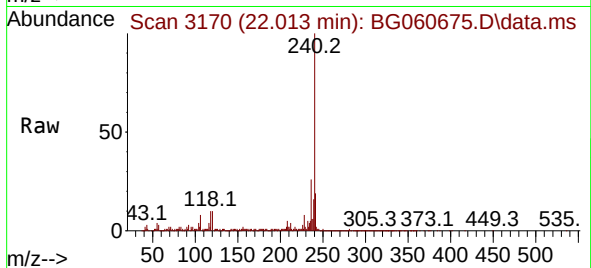
Tgt Ion:240 Resp: 572659

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.8

236 25.7 20.6 31.0



#78

Pyrene

Concen: 7.116 ng

RT: 20.091 min Scan# 2843

Delta R.T. -0.007 min

Lab File: BG060675.D

Acq: 15 Mar 2024 22:54

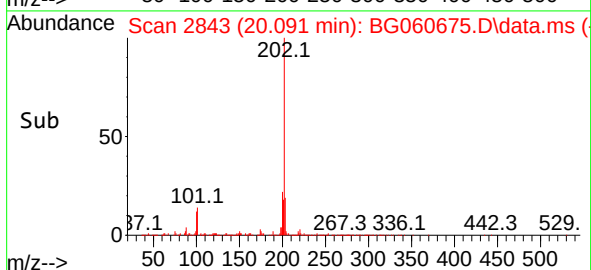
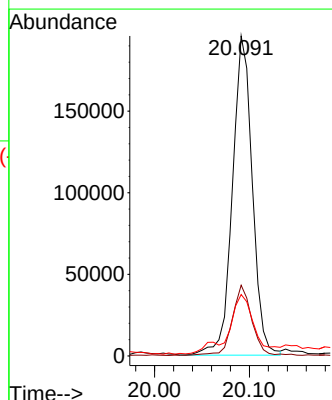
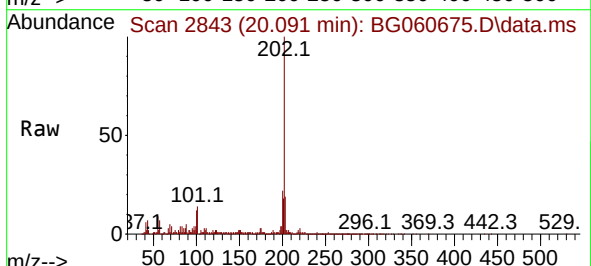
Tgt Ion:202 Resp: 284374

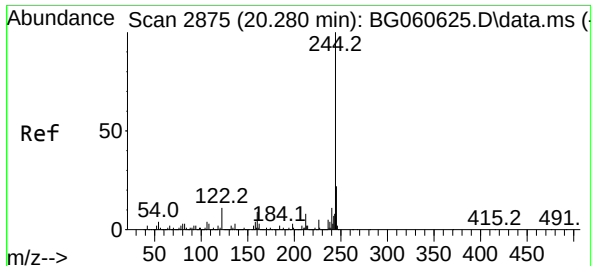
Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

203 19.2 14.3 21.5

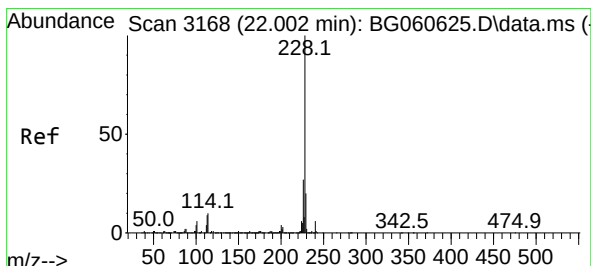
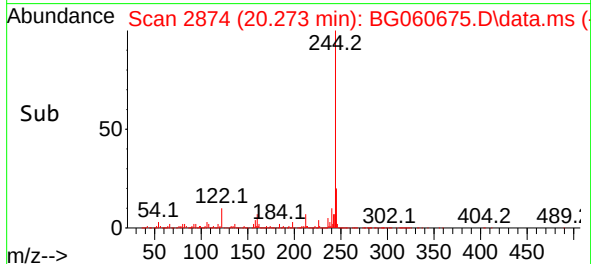
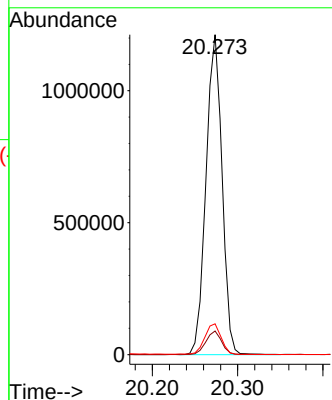
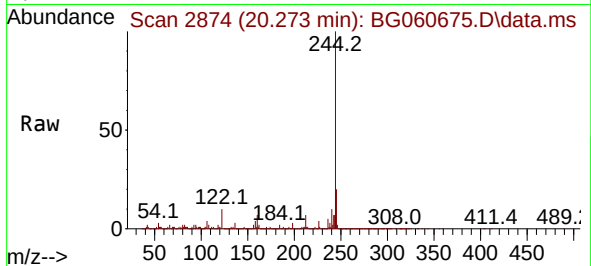




#79
 Terphenyl-d14
 Concen: 49.989 ng
 RT: 20.273 min Scan# 2874
 Delta R.T. -0.007 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

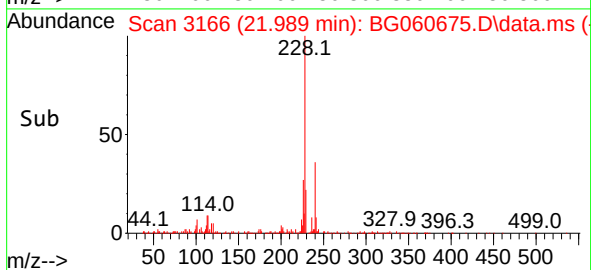
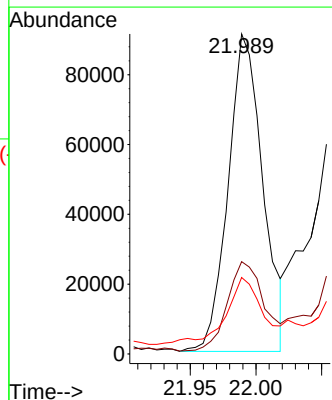
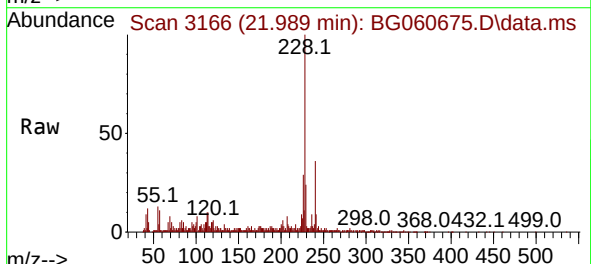
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-031424

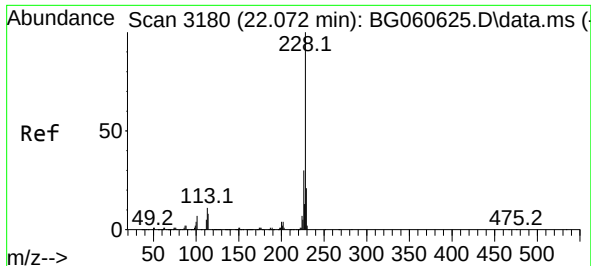
Tgt Ion:244 Resp: 1583721
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 9.8
 122 9.6 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 4.245 ng
 RT: 21.989 min Scan# 3166
 Delta R.T. -0.013 min
 Lab File: BG060675.D
 Acq: 15 Mar 2024 22:54

Tgt Ion:228 Resp: 167365
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.8 32.8
 229 23.9 15.8 23.6#

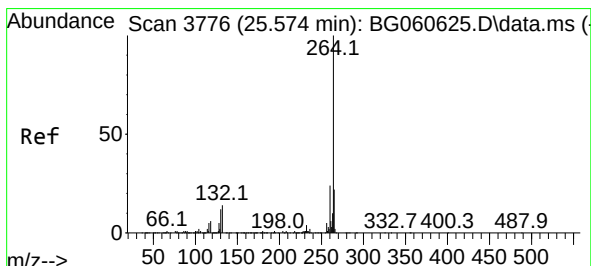
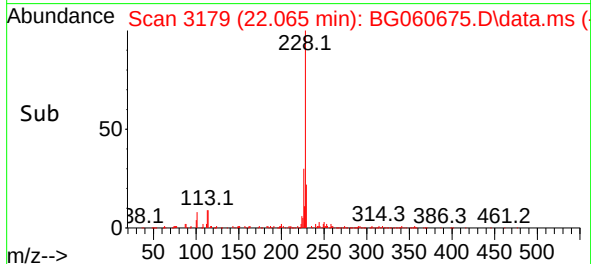
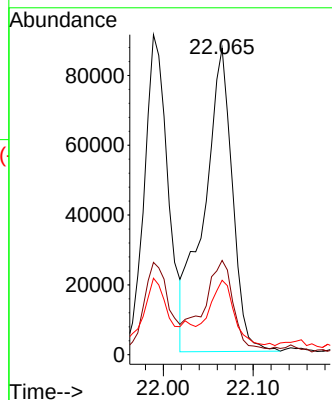
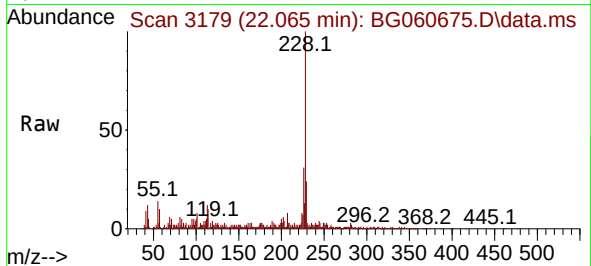




#83
Chrysene
Concen: 4.994 ng
RT: 22.065 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

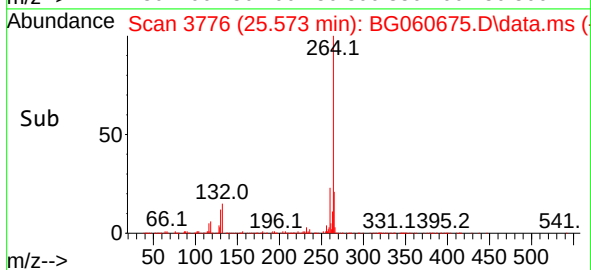
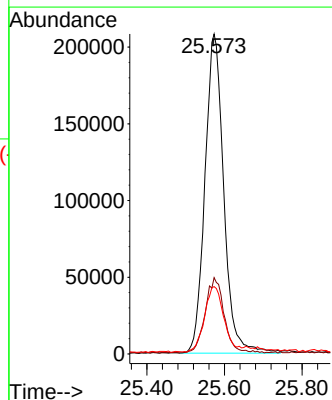
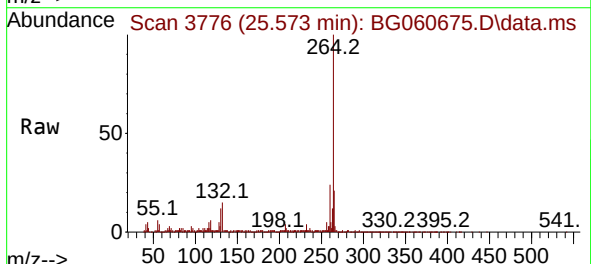
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

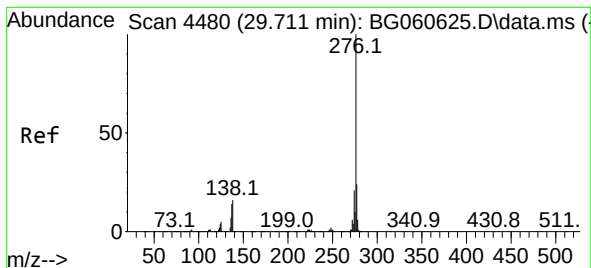
Tgt Ion:228 Resp: 191184
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 24.3 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.573 min Scan# 3776
Delta R.T. -0.001 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:264 Resp: 700526
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.663 ng

RT: 29.692 min Scan# 4477

Delta R.T. -0.019 min

Lab File: BG060675.D

Acq: 15 Mar 2024 22:54

Instrument :

BNA_G

ClientSampleId :

NB-07-031424

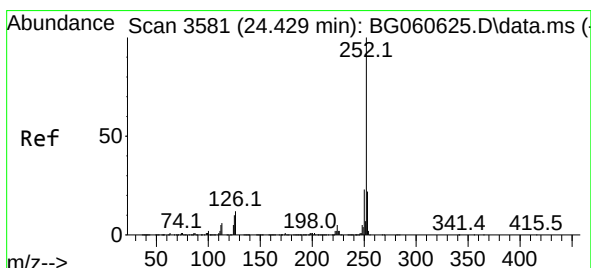
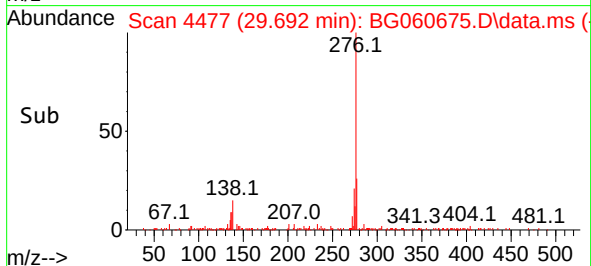
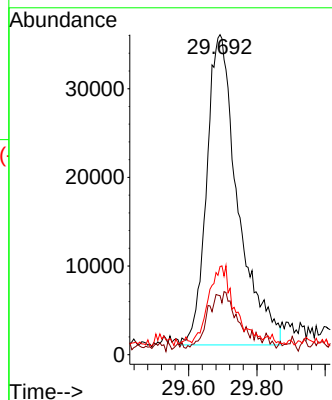
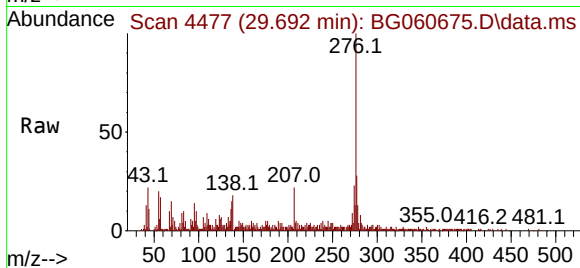
Tgt Ion:276 Resp: 222805

Ion Ratio Lower Upper

276 100

138 8.4 6.6 10.0

277 0.0 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 9.538 ng

RT: 24.422 min Scan# 3580

Delta R.T. -0.007 min

Lab File: BG060675.D

Acq: 15 Mar 2024 22:54

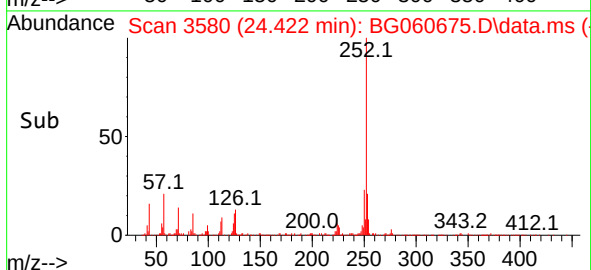
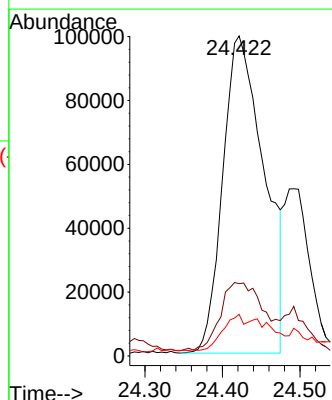
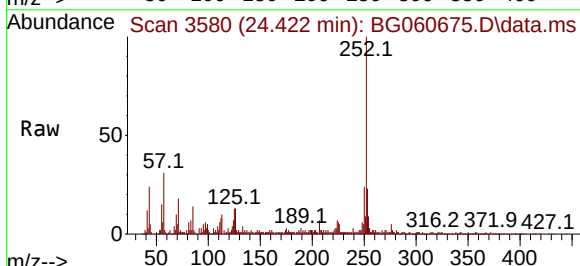
Tgt Ion:252 Resp: 367582

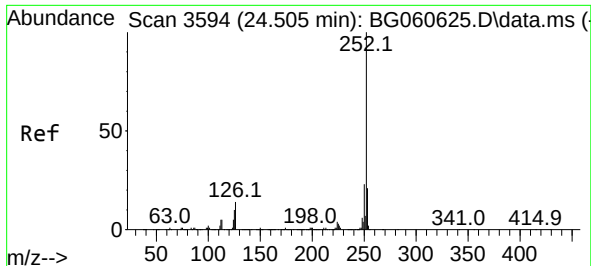
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 13.0 7.8 11.6#

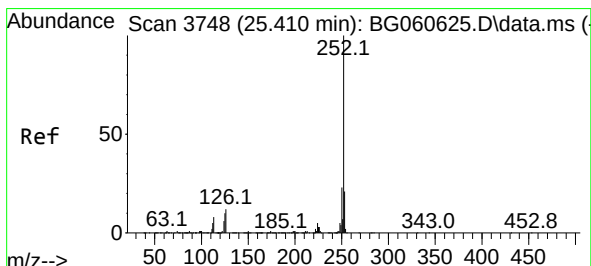
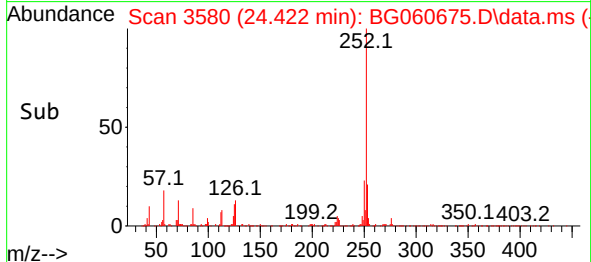
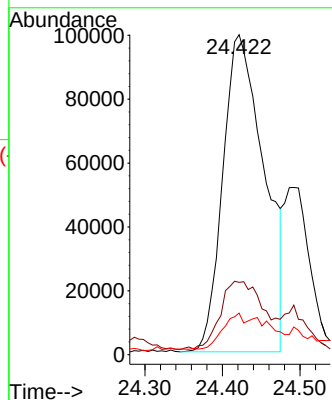
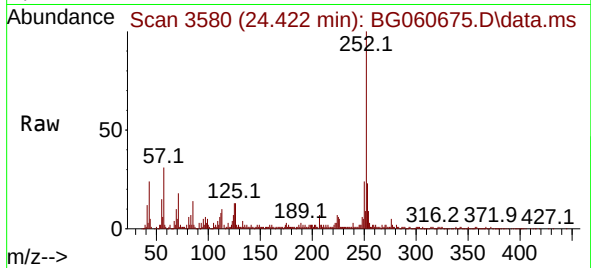




#89
Benzo(k)fluoranthene
Concen: 9.079 ng
RT: 24.422 min Scan# 31
Delta R.T. -0.083 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

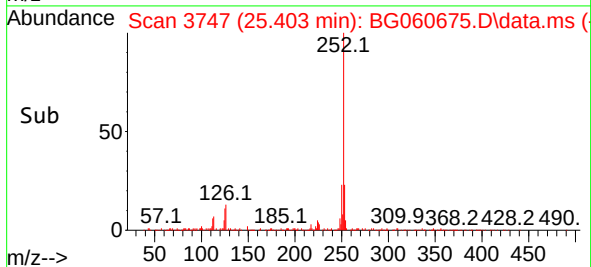
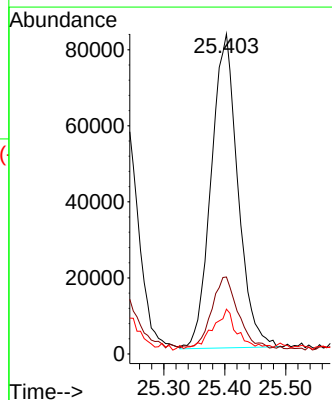
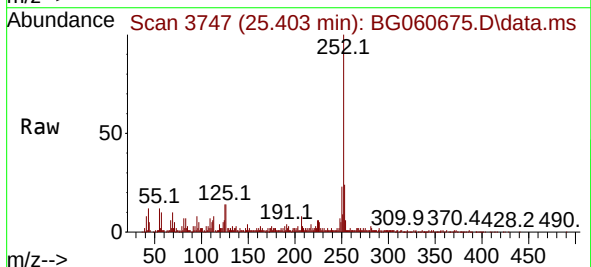
Instrument :
BNA_G
ClientSampleId :
NB-07-031424

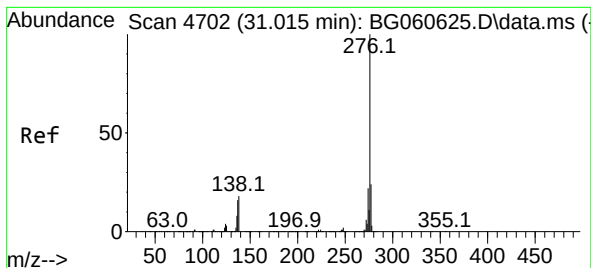
Tgt Ion:252 Resp: 367582
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 13.0 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 6.648 ng
RT: 25.403 min Scan# 3747
Delta R.T. -0.007 min
Lab File: BG060675.D
Acq: 15 Mar 2024 22:54

Tgt Ion:252 Resp: 251187
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 14.0 8.2 12.2#





#92

Benzo(g,h,i)perylene

Concen: 5.676 ng

RT: 31.002 min Scan# 41

Delta R.T. -0.013 min

Lab File: BG060675.D

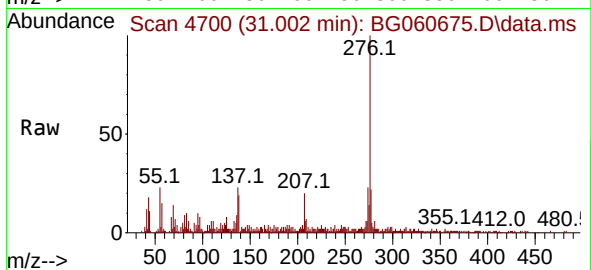
Acq: 15 Mar 2024 22:54

Instrument :

BNA_G

ClientSampleId :

NB-07-031424



Tgt Ion:276 Resp: 222926

Ion Ratio Lower Upper

276 100

277 22.1 19.0 28.4

138 19.2 14.4 21.6

