

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060729.D
 Acq On : 2 Apr 2024 00:21
 Operator : MA/JU
 Sample : P1937-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 369

Quant Time: Apr 02 01:22:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

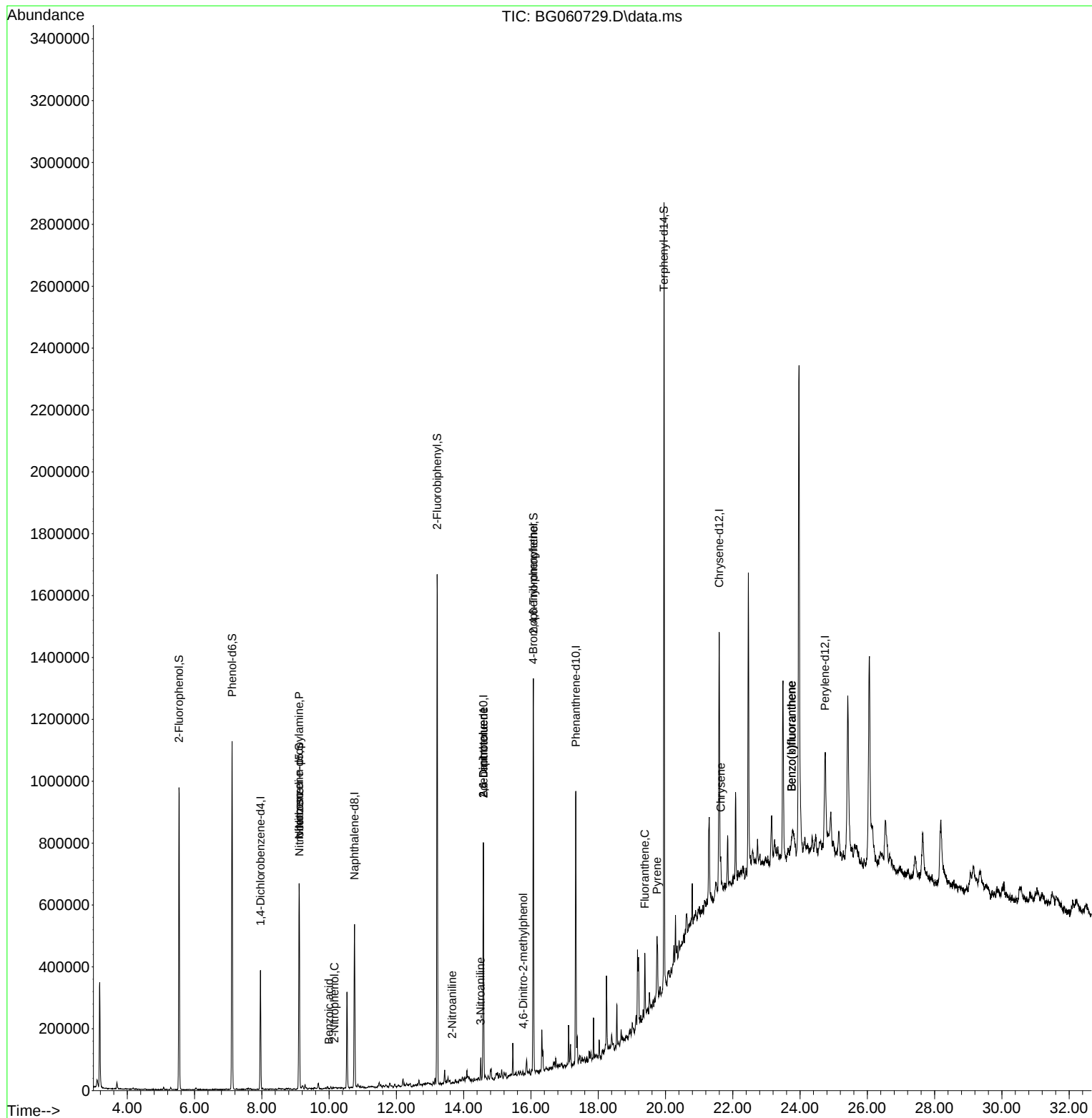
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	96314	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	412727	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	267033	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	570803	20.000	ng	0.00
76) Chrysene-d12	21.595	240	505765	20.000	ng	0.00
86) Perylene-d12	24.744	264	513945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	396059	68.504	ng	0.00
7) Phenol-d6	7.118	99	579875	67.569	ng	0.00
23) Nitrobenzene-d5	9.110	82	355230	49.112	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	230669	76.097	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	853576	46.913	ng	0.00
79) Terphenyl-d14	19.956	244	1254985	43.693	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	48008	7.335	ng	# 74
24) Nitrobenzene	9.116	77	1602	2.960	ng	# 49
26) 2-Nitrophenol	10.156	139	54	2.981	ng	# 2
32) Benzoic acid	9.991	122	59	6.847	ng	# 7
48) 2-Nitroaniline	13.657	65	536	2.913	ng	# 11
51) 2,6-Dinitrotoluene	14.586	165	35742	12.263	ng	# 19
53) 3-Nitroaniline	14.498	138	160	2.887	ng	# 1
57) 2,4-Dinitrotoluene	14.586	165	35742	10.309	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.773	198	72	7.060	ng	# 1
67) 4-Bromophenyl-phenylether	16.066	248	16210	2.798	ng	# 1
75) Fluoranthene	19.386	202	125890	3.495	ng	98
78) Pyrene	19.744	202	131789	3.726	ng	99
83) Chrysene	21.642	228	74330	2.163	ng	# 89
88) Benzo(b)fluoranthene	23.751	252	121477	4.114	ng	# 57
89) Benzo(k)fluoranthene	23.751	252	121477	4.020	ng	# 57

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

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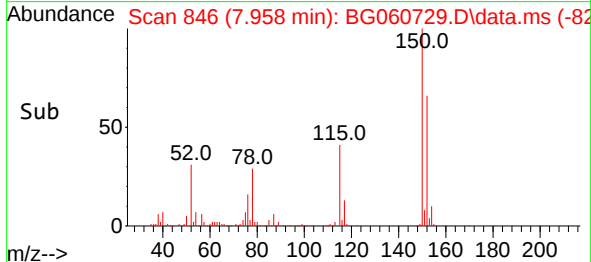
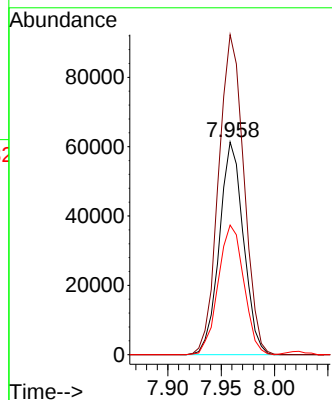
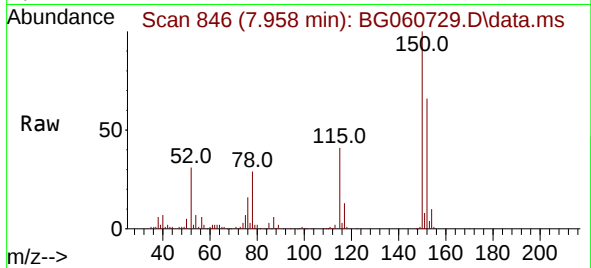




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

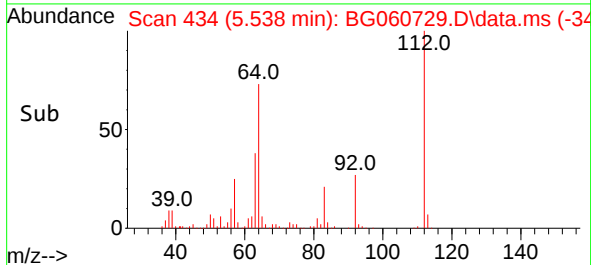
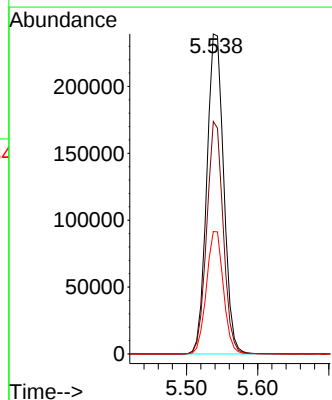
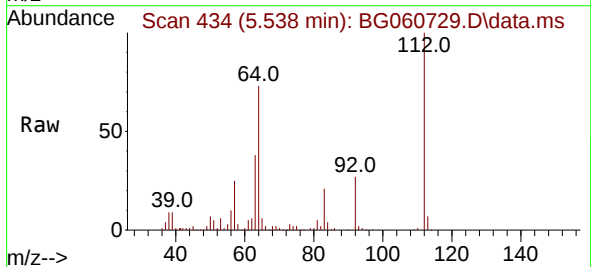
Instrument :
BNA_G
ClientSampleId :
369

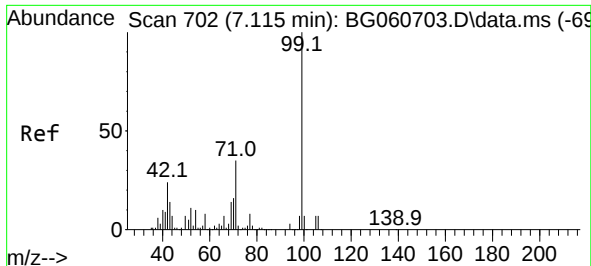
Tgt Ion:152 Resp: 96314
Ion Ratio Lower Upper
152 100
150 150.5 130.2 195.4
115 61.0 51.6 77.4



#5
2-Fluorophenol
Concen: 68.504 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:112 Resp: 396059
Ion Ratio Lower Upper
112 100
64 72.6 58.4 87.6
63 38.2 32.7 49.1

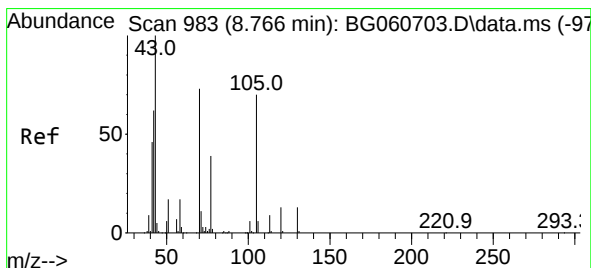
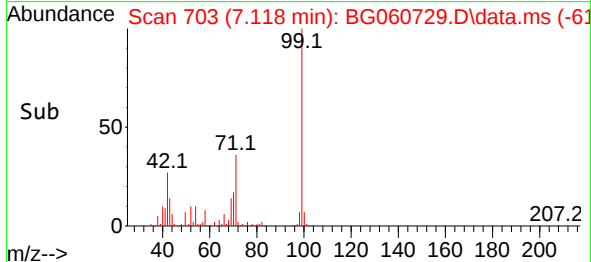
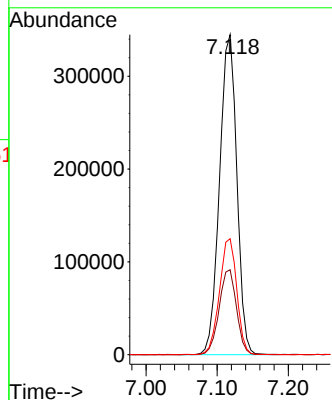
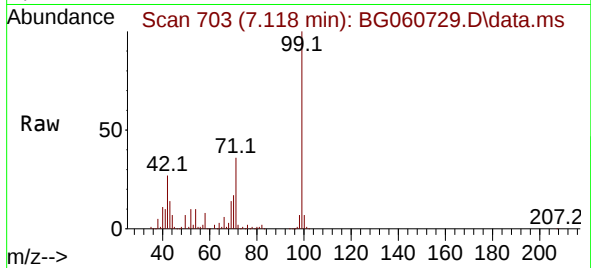




#7
Phenol-d6
Concen: 67.569 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

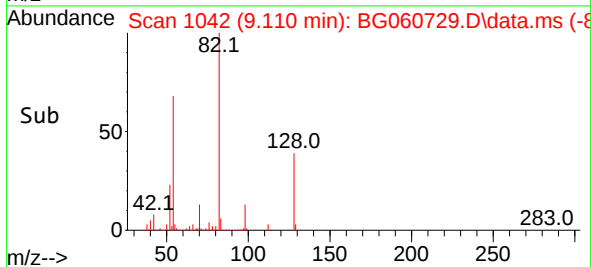
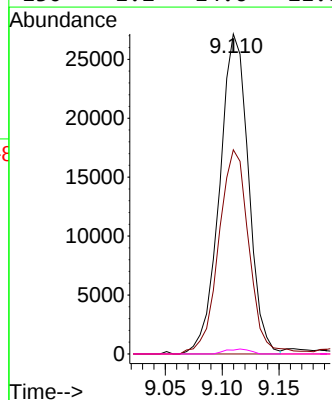
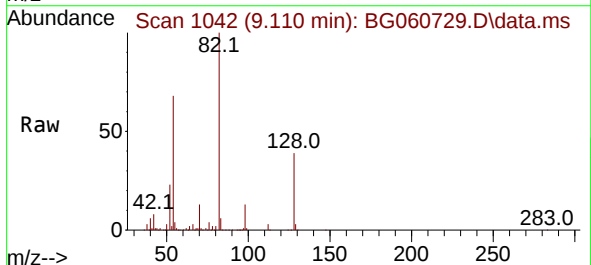
Instrument :
BNA_G
ClientSampleId :
369

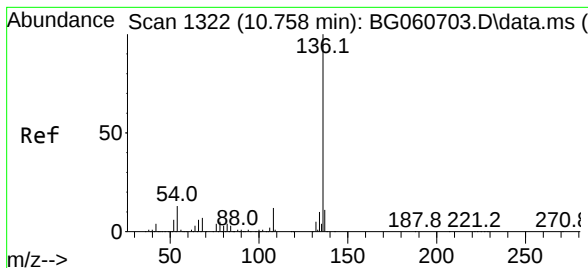
Tgt Ion: 99 Resp: 579875
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 36.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.335 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion: 70 Resp: 48008
Ion Ratio Lower Upper
70 100
42 63.8 68.4 102.6#
101 0.0 6.1 9.1#
130 1.2 14.6 21.8#



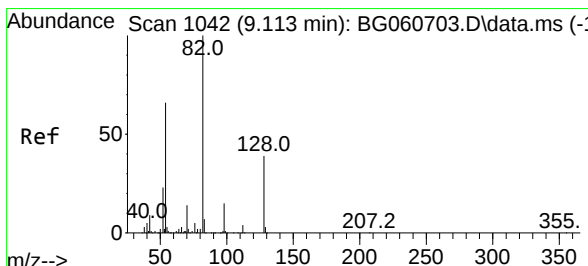
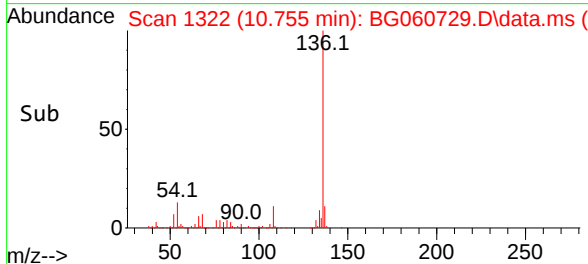
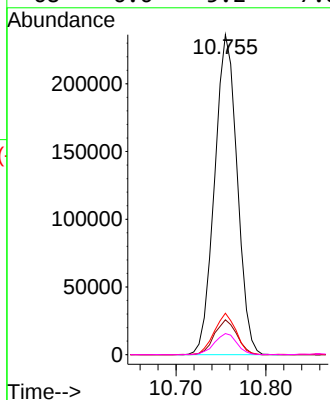
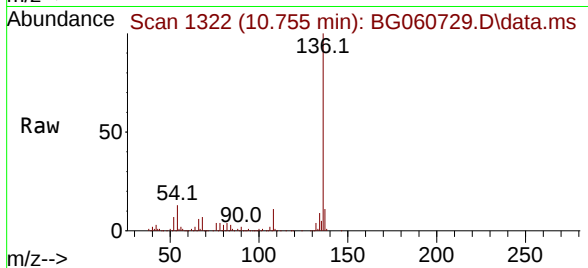


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :
BNA_G
ClientSampleId :
369

Tgt Ion:136 Resp: 412727

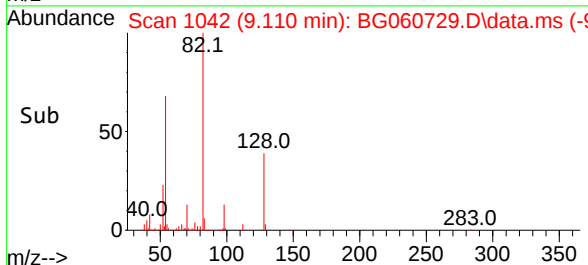
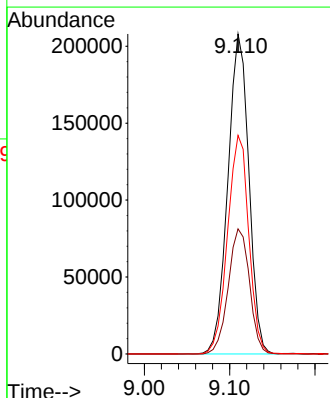
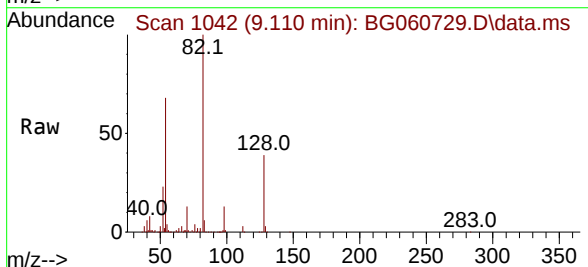
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	12.9	10.2	15.2
68	6.6	5.2	7.8

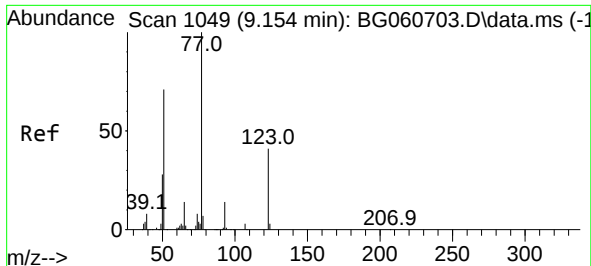


#23
Nitrobenzene-d5
Concen: 49.112 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion: 82 Resp: 355230

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.2	46.8
54	68.3	53.2	79.8

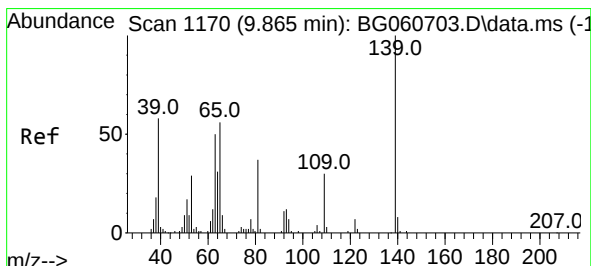
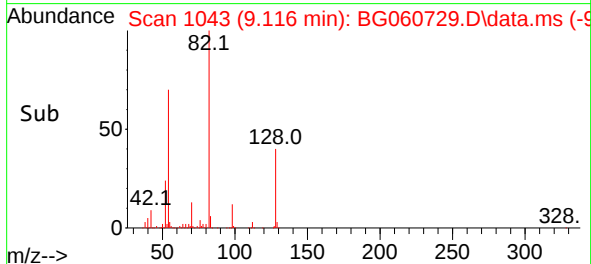
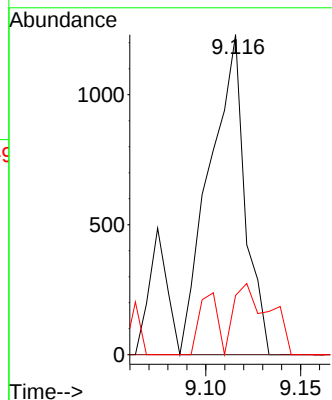
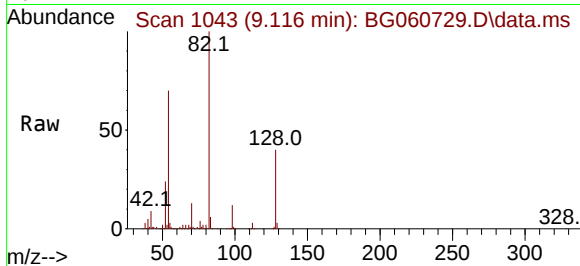




#24
Nitrobenzene
Concen: 2.960 ng
RT: 9.116 min Scan# 110
Delta R.T. -0.038 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

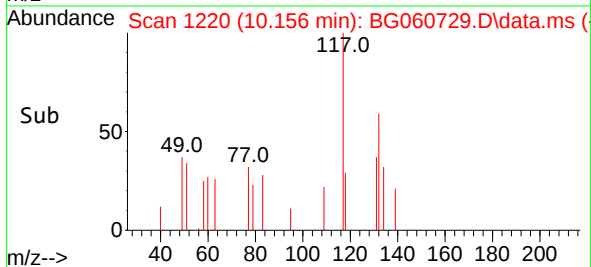
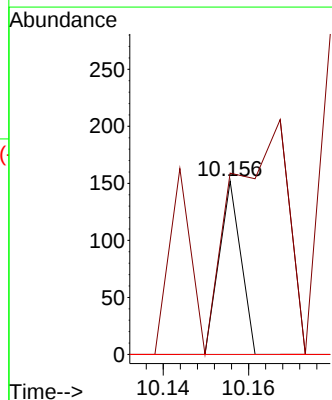
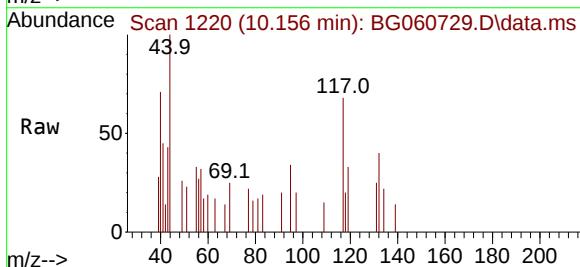
Instrument :
BNA_G
ClientSampleId :
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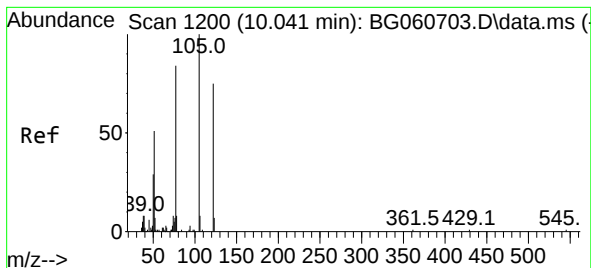
Tgt Ion: 77 Resp: 1602
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 18.5 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.981 ng
RT: 10.156 min Scan# 1220
Delta R.T. 0.291 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion: 139 Resp: 54
Ion Ratio Lower Upper
139 100
109 104.6 23.9 35.9#
65 0.0 44.5 66.7#

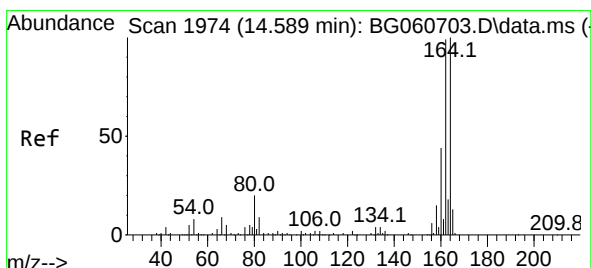
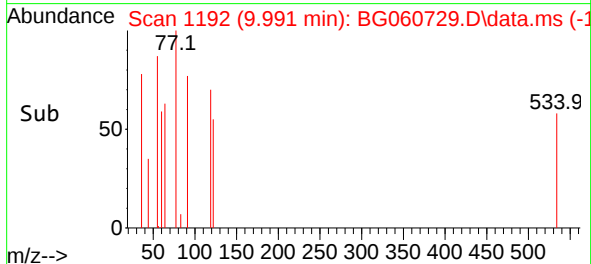
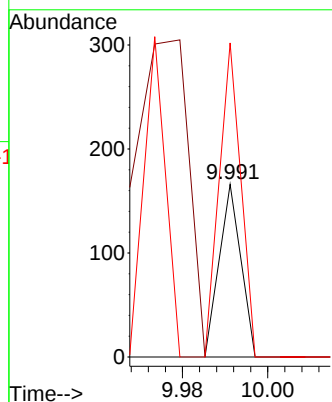
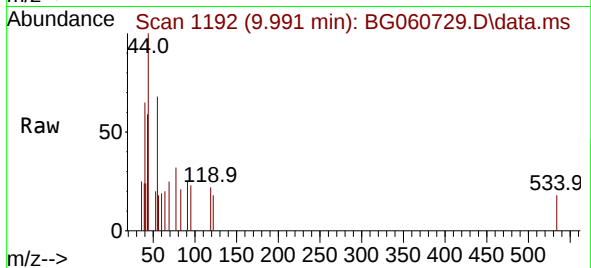




#32
Benzoic acid
Concen: 6.847 ng
RT: 9.991 min Scan# 111
Delta R.T. -0.050 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

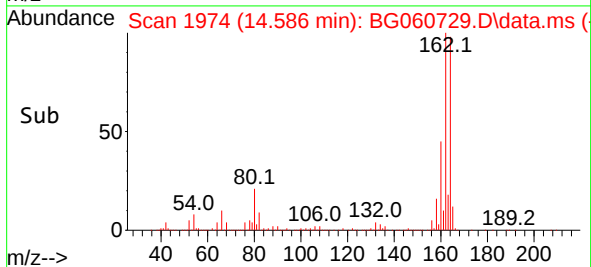
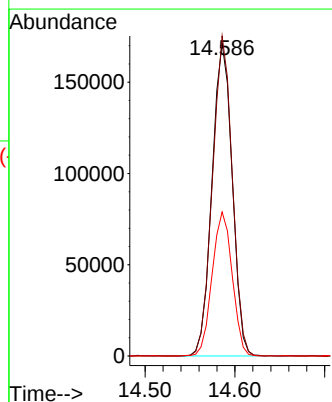
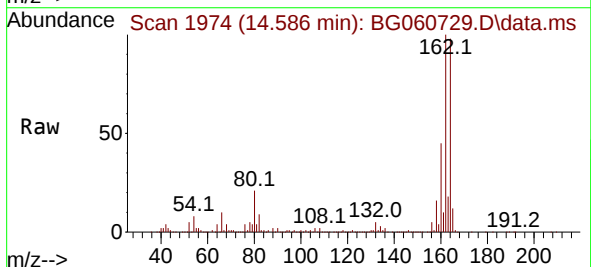
Instrument :
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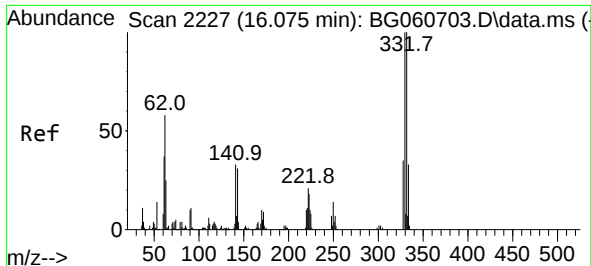
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 181.9 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:164 Resp: 267033
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 46.1 35.4 53.0

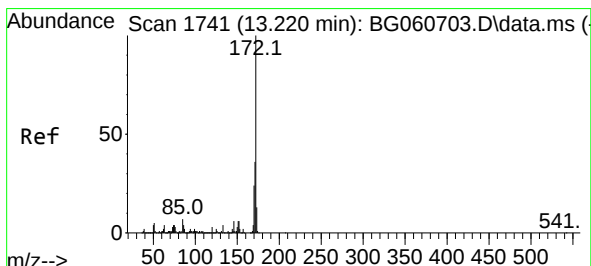
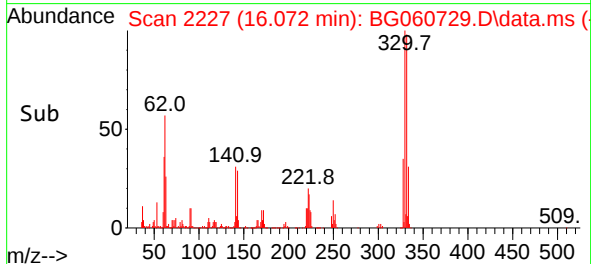
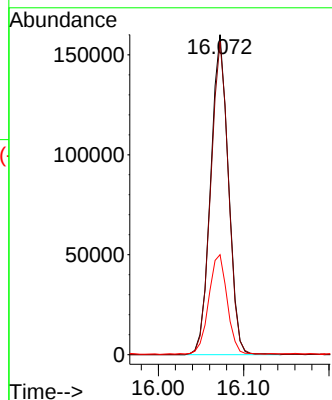
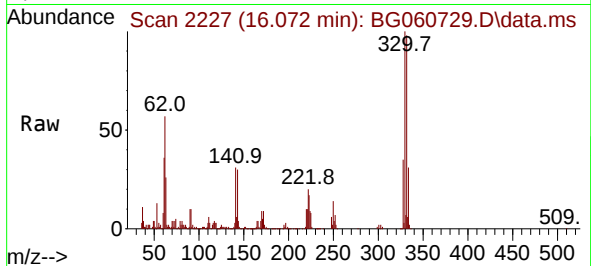




#42
2,4,6-Tribromophenol
Concen: 76.097 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

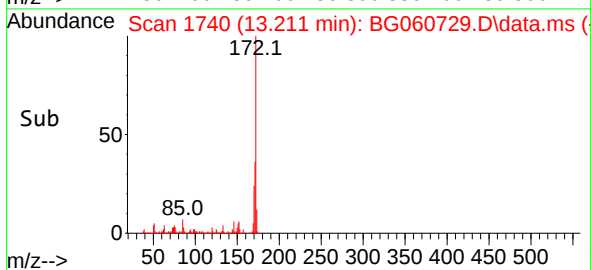
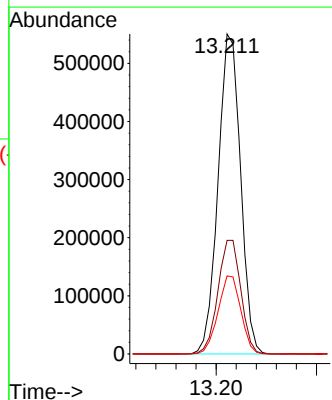
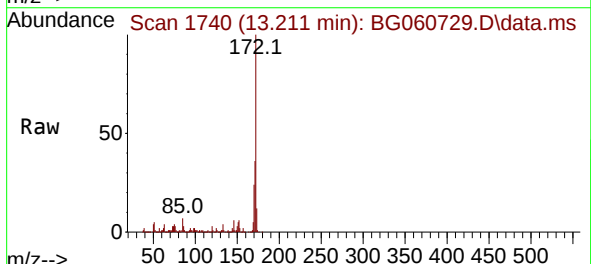
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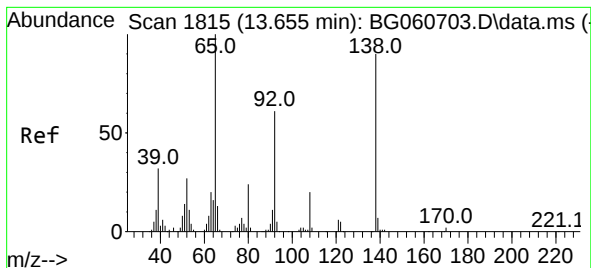
Tgt Ion:330 Resp: 230669
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 32.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 46.913 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:172 Resp: 853576
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.4 19.4 29.0





#48

2-Nitroaniline

Concen: 2.913 ng

RT: 13.657 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

369

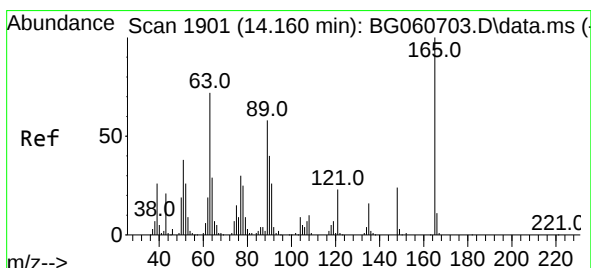
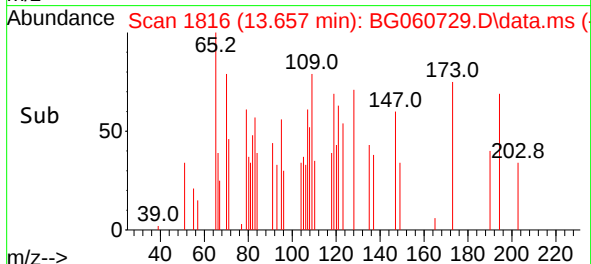
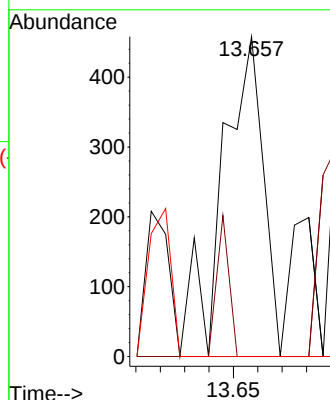
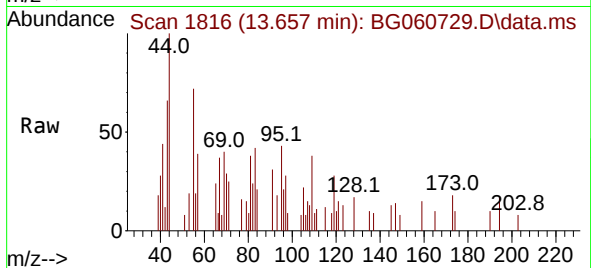
Tgt Ion: 65 Resp: 536

Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 12.263 ng

RT: 14.586 min Scan# 1974

Delta R.T. 0.426 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

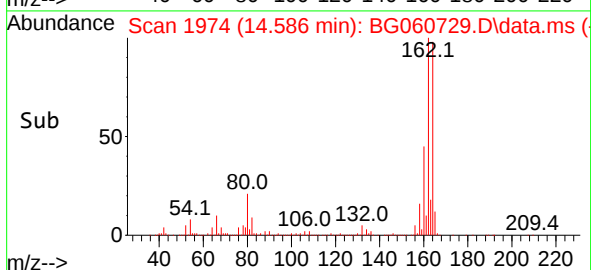
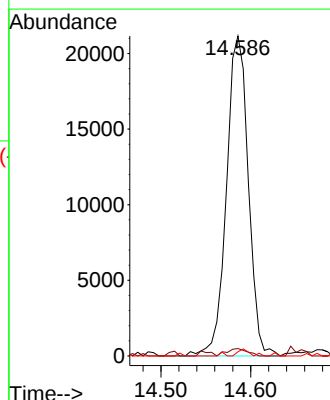
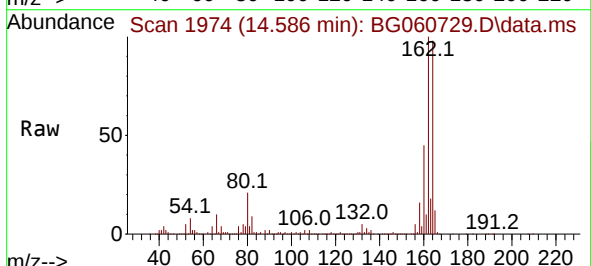
Tgt Ion:165 Resp: 35742

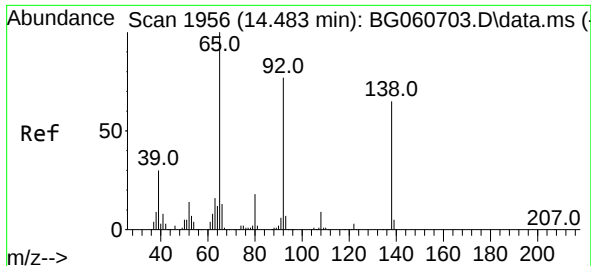
Ion Ratio Lower Upper

165 100

63 2.3 58.2 87.4#

89 1.3 46.1 69.1#

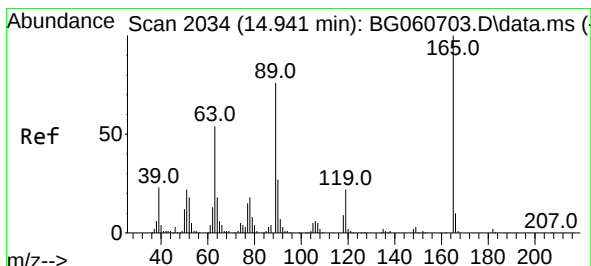
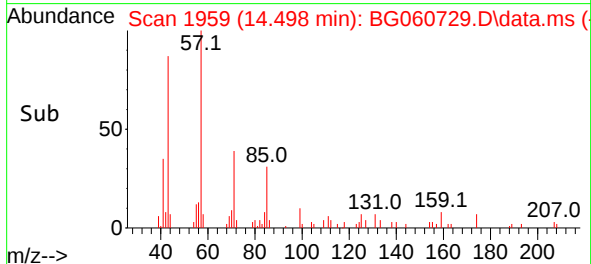
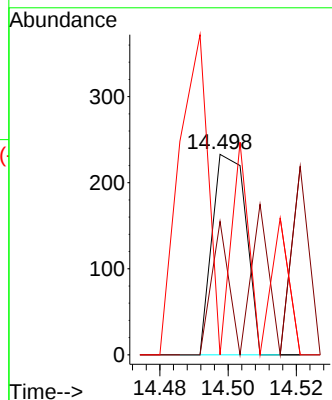
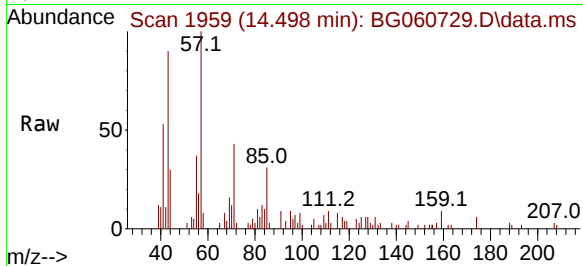




#53
3-Nitroaniline
Concen: 2.887 ng
RT: 14.498 min Scan# 1956
Delta R.T. 0.015 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

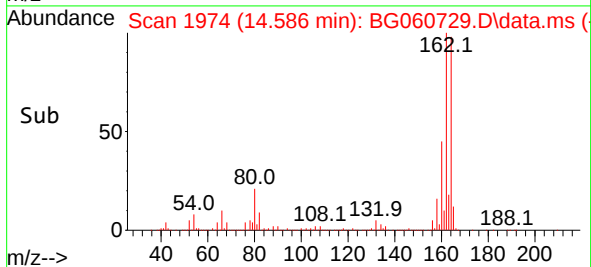
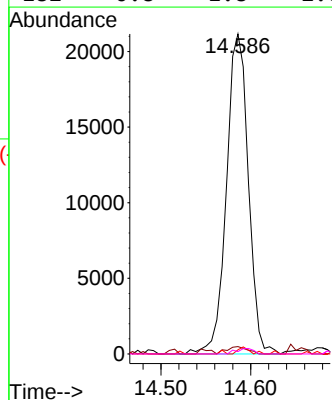
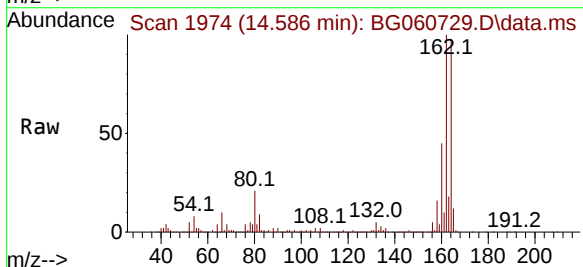
Instrument :
BNA_G
ClientSampleId :
369

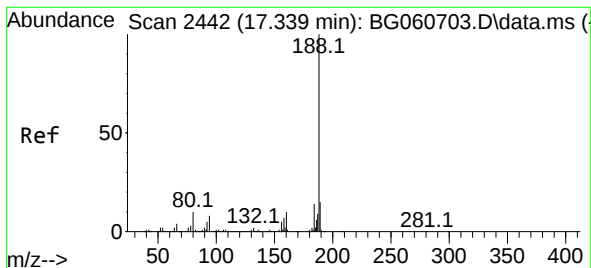
Tgt Ion:138 Resp: 160
Ion Ratio Lower Upper
138 100
108 66.5 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.309 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.355 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:165 Resp: 35742
Ion Ratio Lower Upper
165 100
63 2.3 43.4 65.0#
89 1.3 61.0 91.6#
182 0.8 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.335 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

369

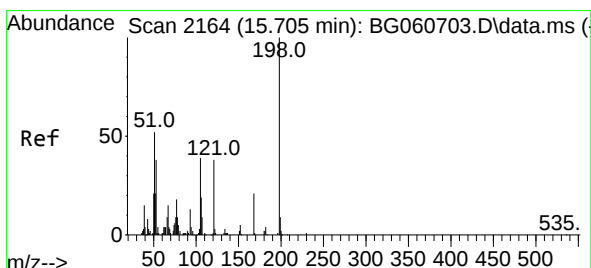
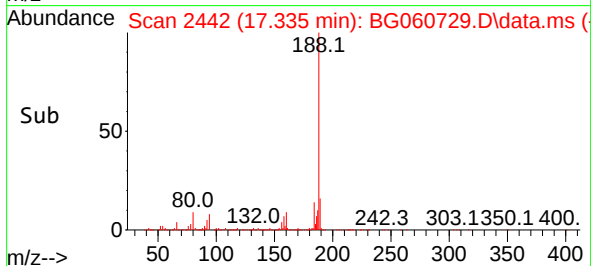
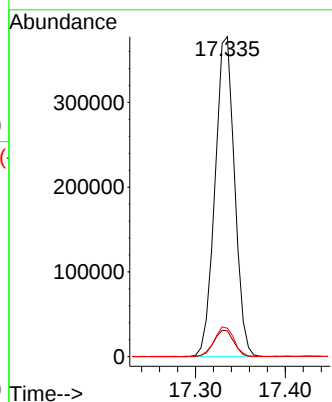
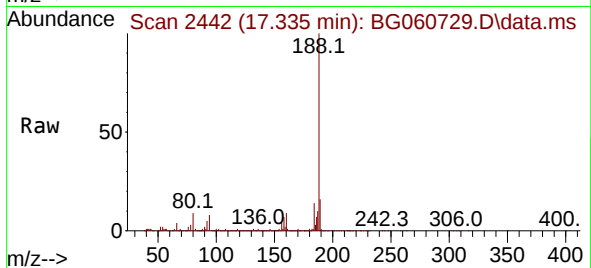
Tgt Ion:188 Resp: 570803

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 8.9 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.060 ng

RT: 15.773 min Scan# 2176

Delta R.T. 0.068 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

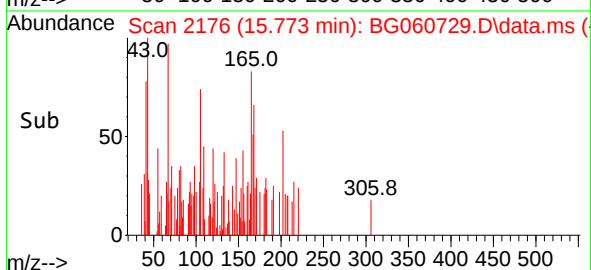
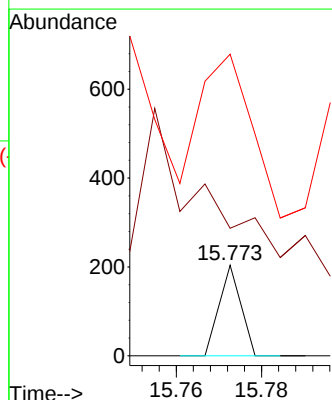
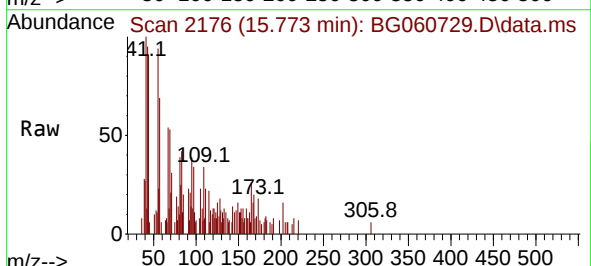
Tgt Ion:198 Resp: 72

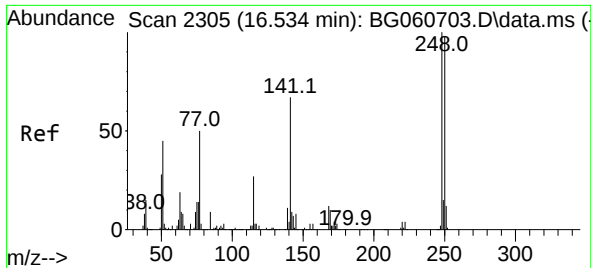
Ion Ratio Lower Upper

198 100

51 140.7 36.7 76.7#

105 332.8 19.1 59.1#

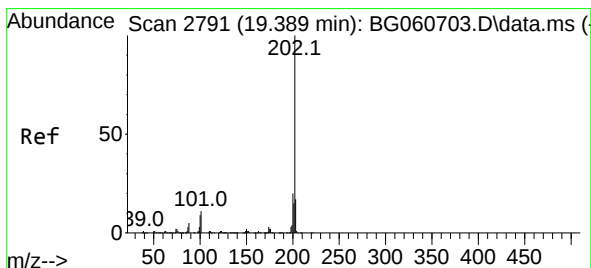
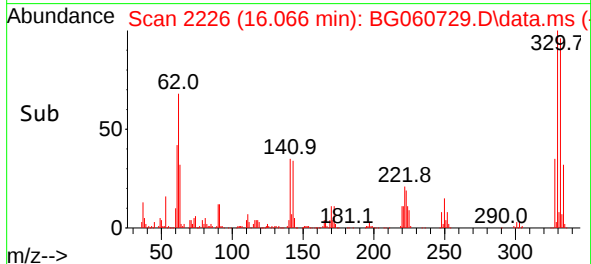
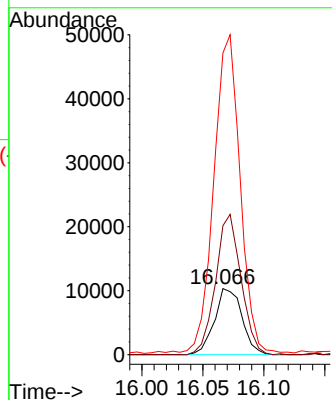
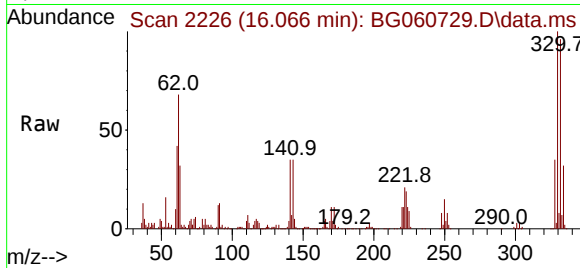




#67
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 16.066 min Scan# 211
Delta R.T. -0.468 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

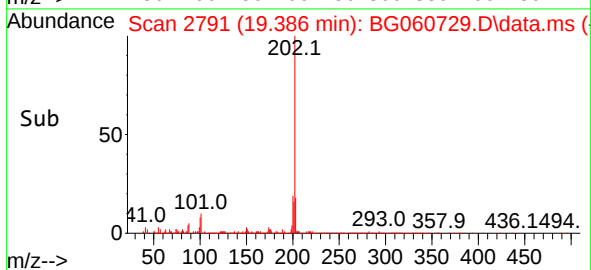
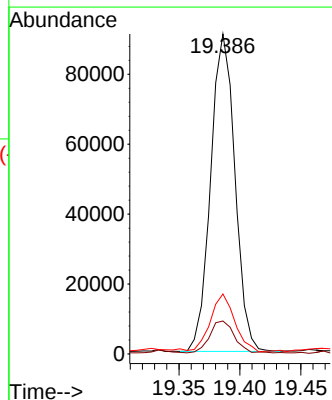
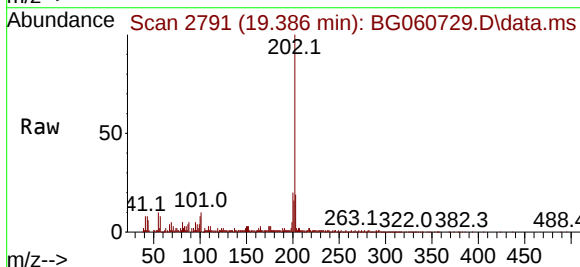
Instrument :
BNA_G
ClientSampleId :
369

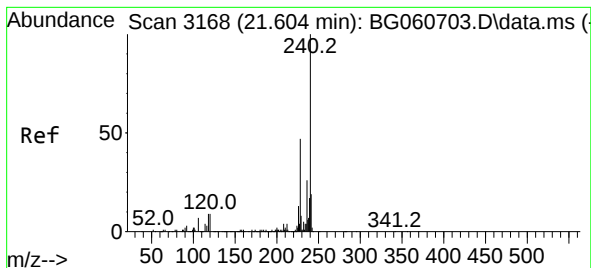
Tgt Ion:248 Resp: 16210
Ion Ratio Lower Upper
248 100
250 195.0 78.3 117.5#
141 456.1 53.7 80.5#



#75
Fluoranthene
Concen: 3.495 ng
RT: 19.386 min Scan# 2791
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:202 Resp: 125890
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 18.8 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

369

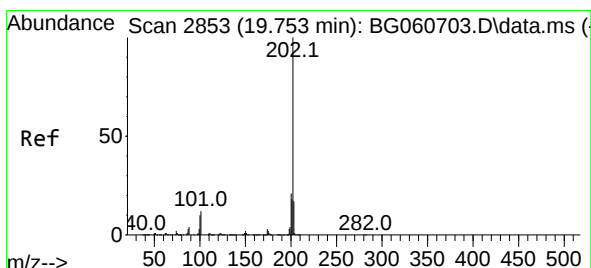
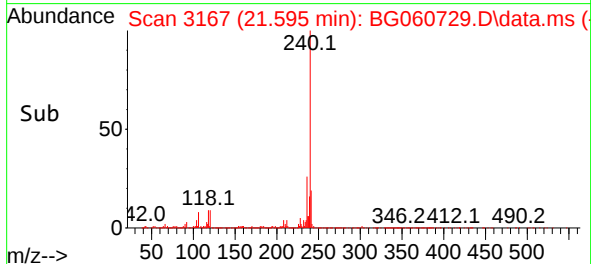
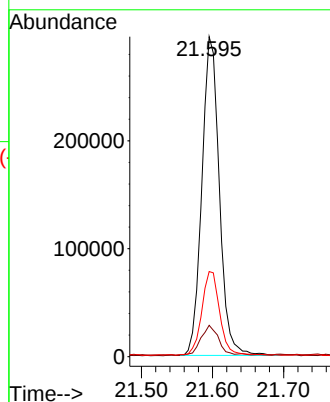
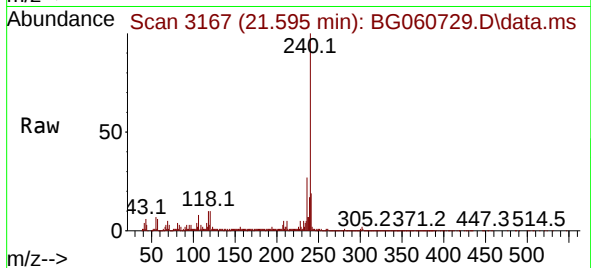
Tgt Ion:240 Resp: 505765

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

236 26.6 20.7 31.1



#78

Pyrene

Concen: 3.726 ng

RT: 19.744 min Scan# 2852

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

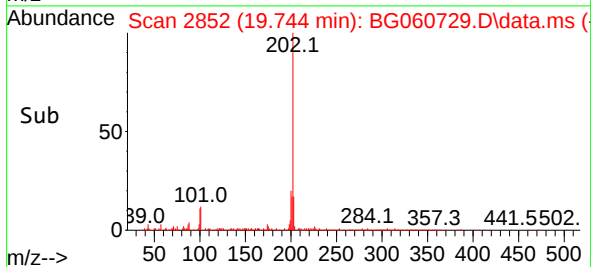
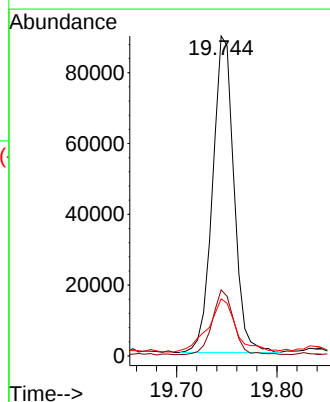
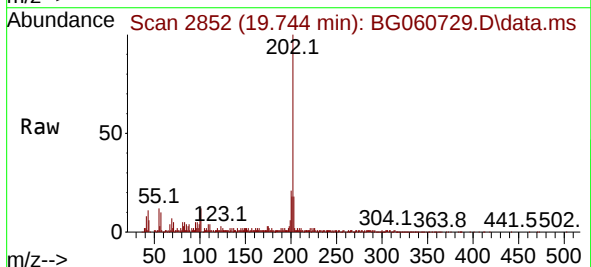
Tgt Ion:202 Resp: 131789

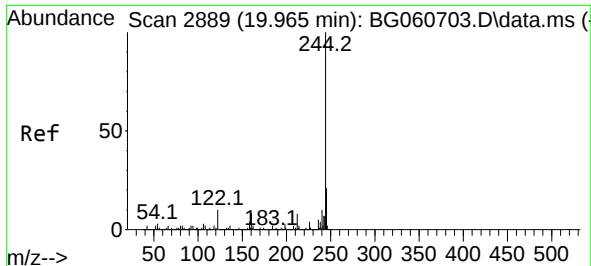
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 17.9 14.0 21.0

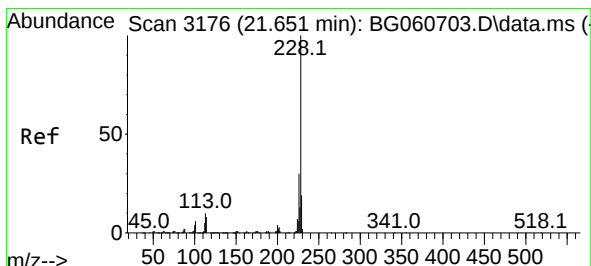
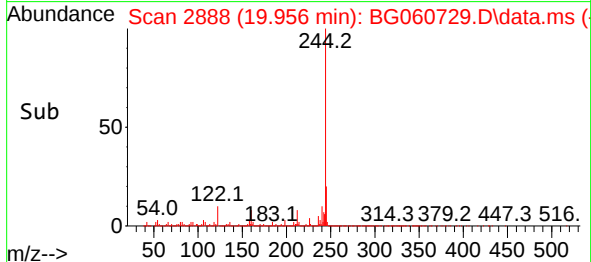
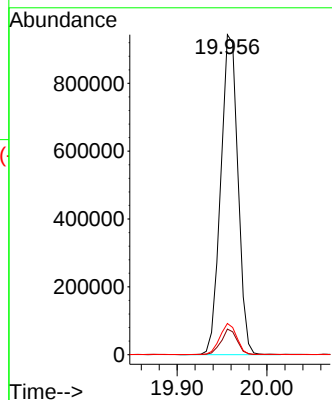
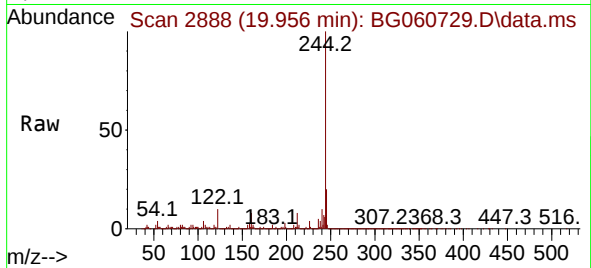




#79
 Terphenyl-d14
 Concen: 43.693 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060729.D
 Acq: 2 Apr 2024 00:21

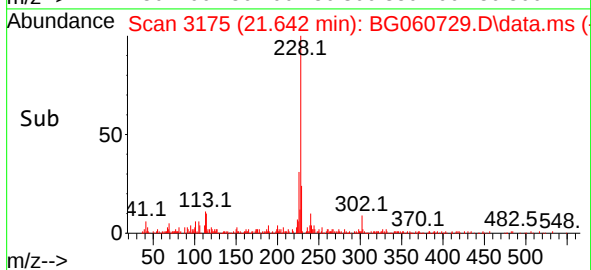
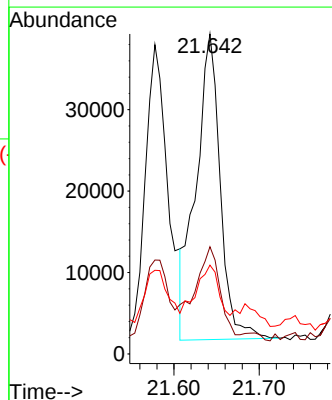
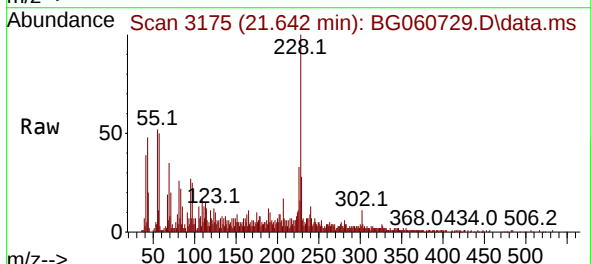
Instrument :
 BNA_G
 ClientSampleId :
 369

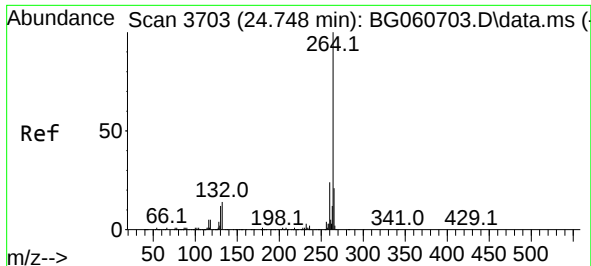
Tgt Ion:244 Resp: 1254985
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 9.8 7.8 11.8



#83
 Chrysene
 Concen: 2.163 ng
 RT: 21.642 min Scan# 3175
 Delta R.T. -0.009 min
 Lab File: BG060729.D
 Acq: 2 Apr 2024 00:21

Tgt Ion:228 Resp: 74330
 Ion Ratio Lower Upper
 228 100
 226 33.5 24.2 36.4
 229 27.8 15.5 23.3#



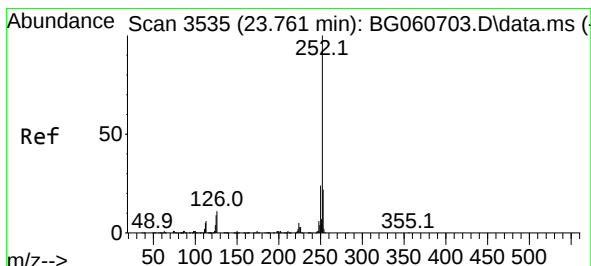
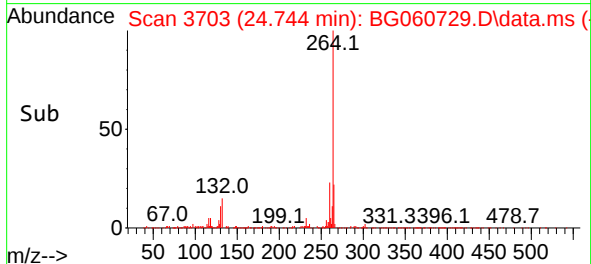
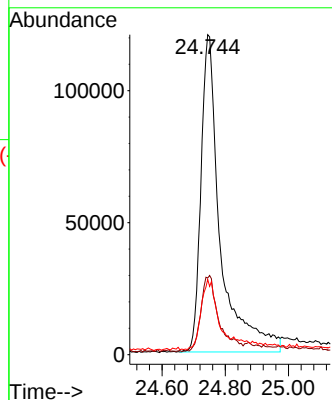
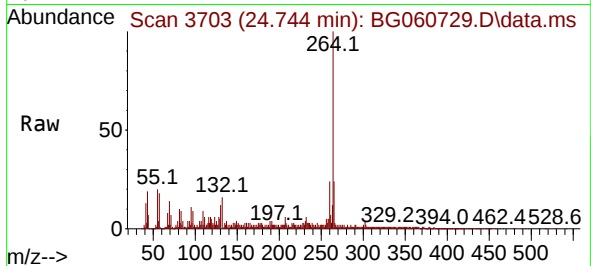


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.744 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :
BNA_G
ClientSampleId :
369

Tgt Ion:264 Resp: 513945

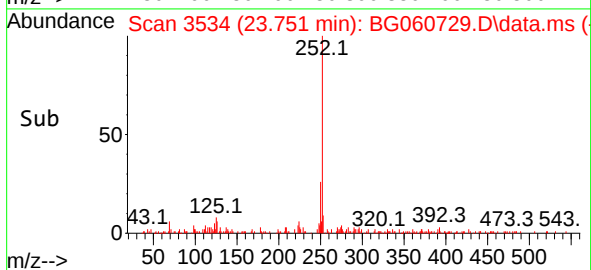
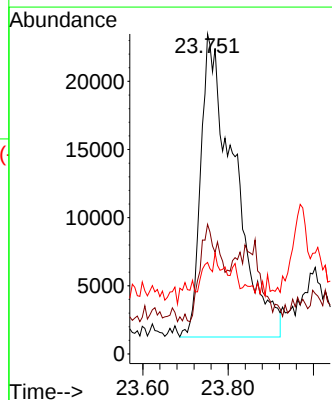
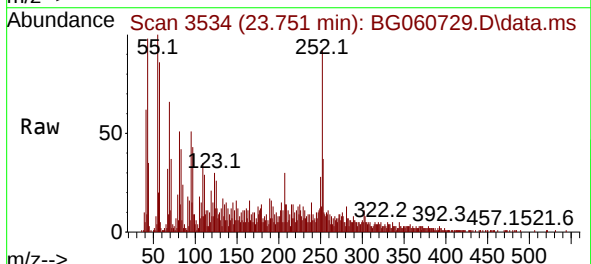
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	23.5	16.9	25.3

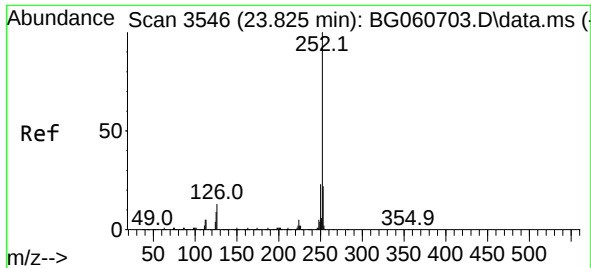


#88
Benzo(b)fluoranthene
Concen: 4.114 ng
RT: 23.751 min Scan# 3534
Delta R.T. -0.009 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:252 Resp: 121477

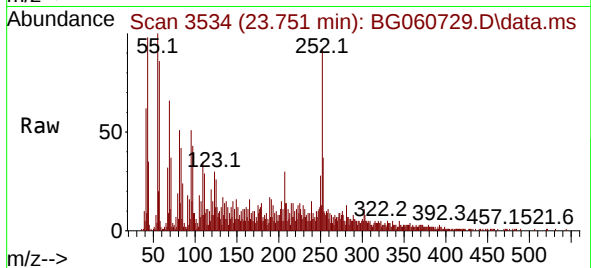
Ion	Ratio	Lower	Upper
252	100		
253	40.5	17.8	26.8#
125	28.6	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 4.020 ng
RT: 23.751 min Scan# 31
Delta R.T. -0.074 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :
BNA_G
ClientSampleId :
369



Tgt Ion:252 Resp: 121477
Ion Ratio Lower Upper
252 100
253 40.5 17.6 26.4#
125 28.6 7.5 11.3#

