

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060071.D
 Acq On : 18 Dec 2023 18:14
 Operator : MA/JU
 Sample : 05670-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 04:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

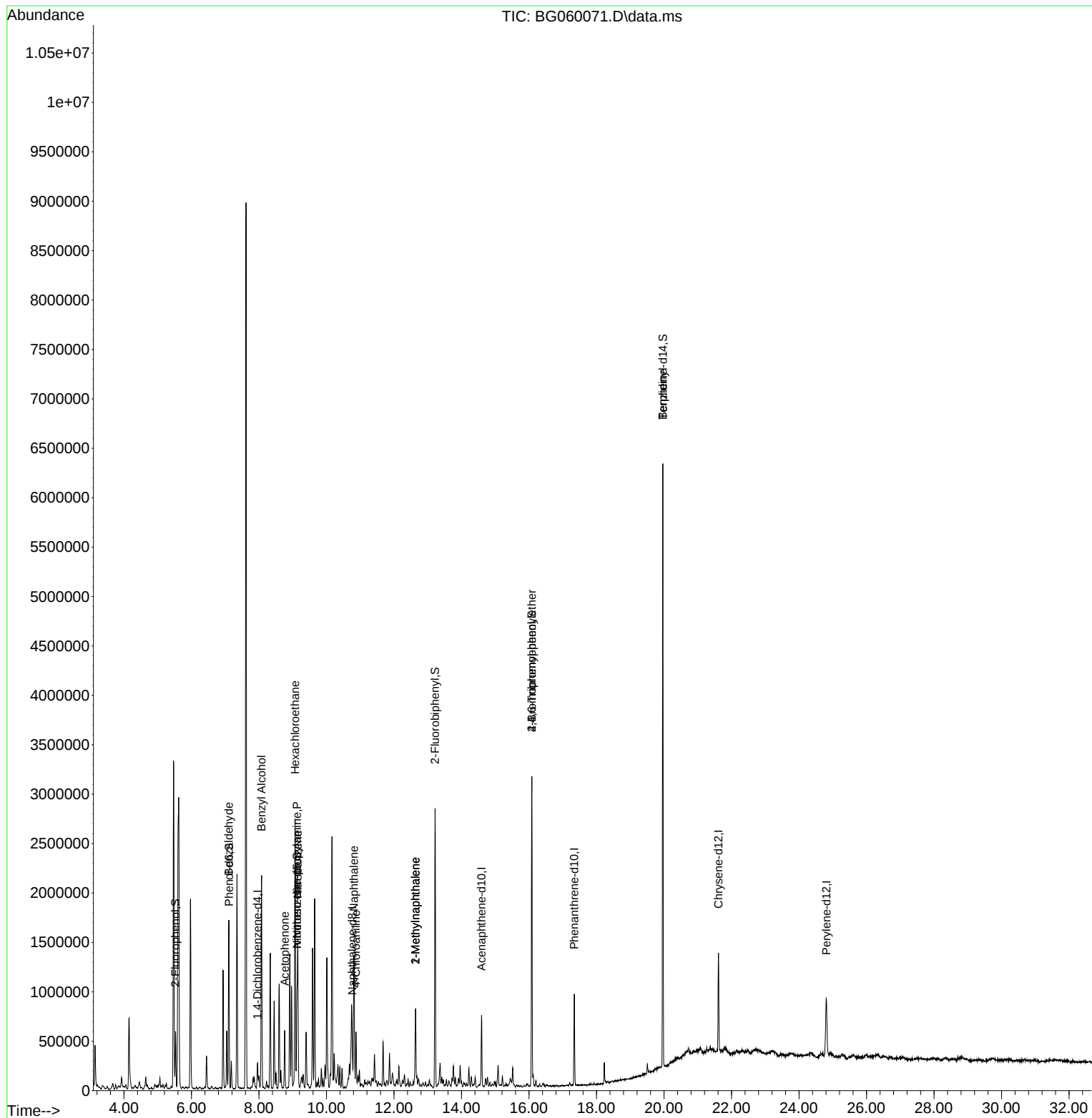
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	68463	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	260507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	221345	20.000	ng	# 0.00
64) Phenanthrene-d10	17.342	188	618221	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	650753	20.000	ng	# 0.00
86) Perylene-d12	24.810	264	749676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	205682	51.429	ng	0.00
7) Phenol-d6	7.113	99	178813	31.785	ng	0.00
23) Nitrobenzene-d5	9.122	82	497543	86.725	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	752950	145.967	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1555415	86.005	ng	0.00
79) Terphenyl-d14	19.968	244	3398402	95.343	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	111084	32.474	ng	# 1
15) Benzyl Alcohol	8.076	79	126082	27.885	ng	# 10
18) Hexachloroethane	9.069	117	331787	207.685	ng	# 1
19) n-Nitroso-di-n-propyla...	9.122	70	72534	19.984	ng	# 79
22) Acetophenone	8.764	105	371734	48.967	ng	# 57
24) Nitrobenzene	9.146	77	59834	10.273	ng	# 13
31) Naphthalene	10.814	128	584528	43.102	ng	# 94
33) 4-Chloroaniline	10.873	127	10517	2.038	ng	# 1
37) 2-Methylnaphthalene	12.636	142	319976	30.083	ng	95
38) 1-Methylnaphthalene	12.636	142	319976	30.454	ng	95
67) 4-Bromophenyl-phenylether	16.085	248	44354	5.085	ng	# 1
69) Atrazine	16.790	200	167	Below Cal		# 1
77) Benzidine	19.968	184	56152	6.718	ng	# 96

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

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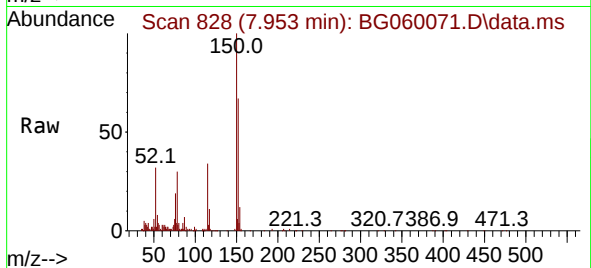
Quant Time: Dec 19 04:39:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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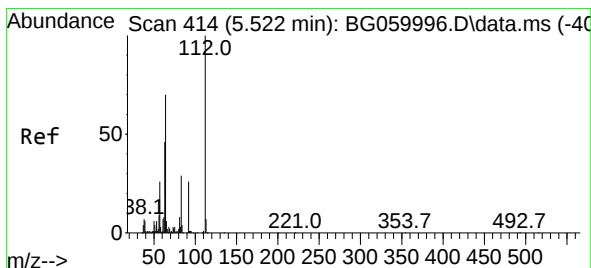
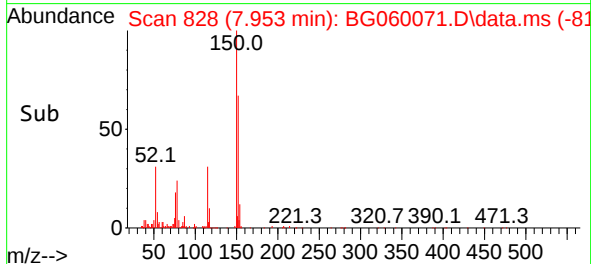
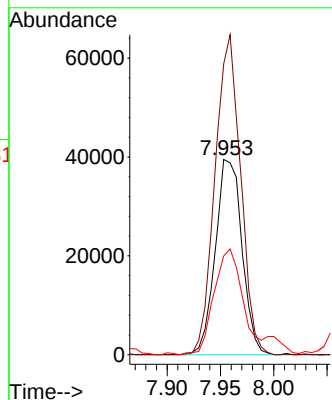


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_F
ClientSampleId :

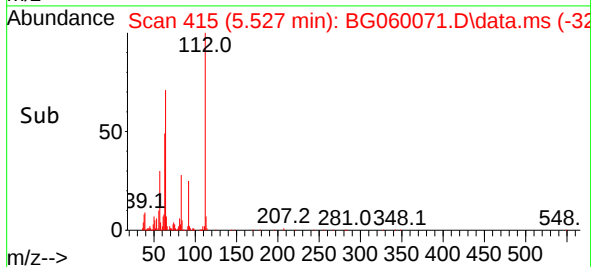
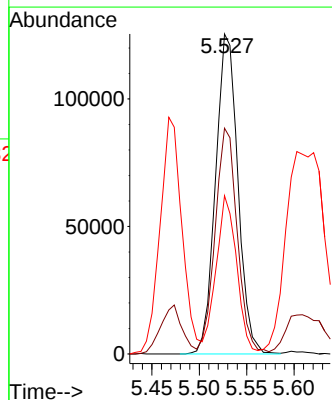
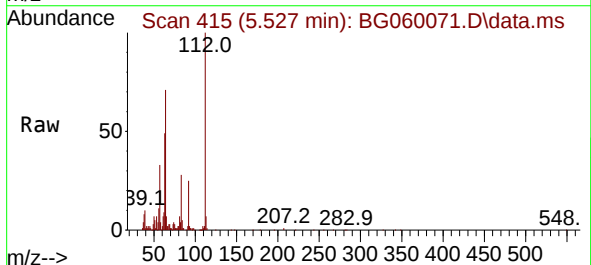


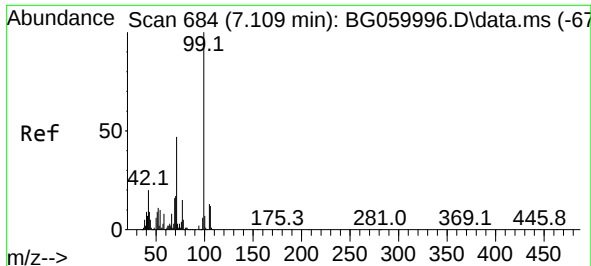
Tgt Ion:152 Resp: 68463
Ion Ratio Lower Upper
152 100
150 149.0 127.0 190.6
115 50.6 45.7 68.5



#5
2-Fluorophenol
Concen: 51.429 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:112 Resp: 205682
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 49.4 36.5 54.7

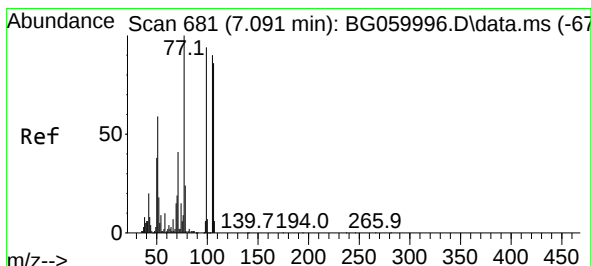
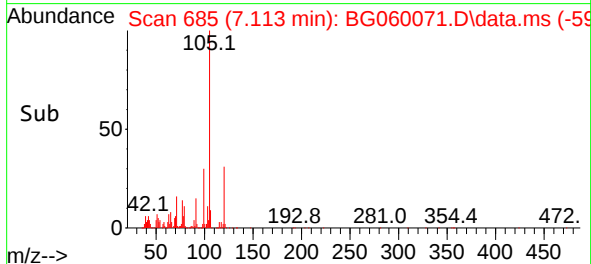
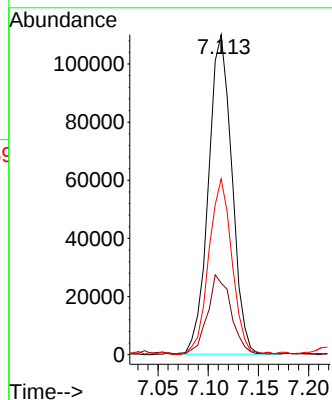
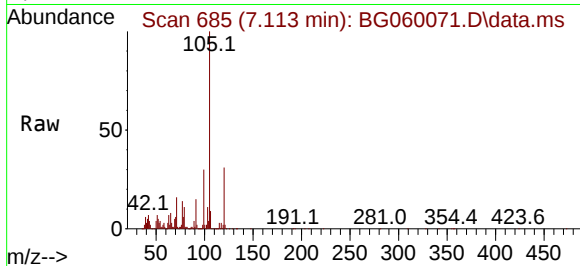




#7
Phenol-d6
Concen: 31.785 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

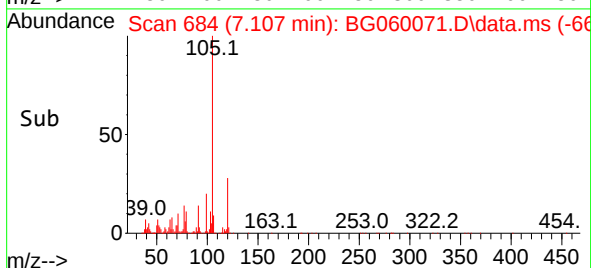
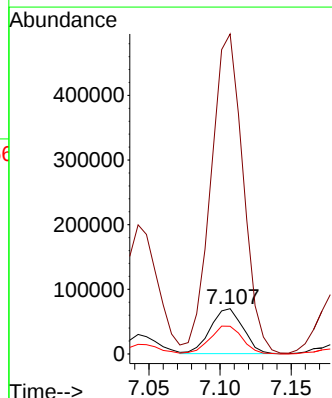
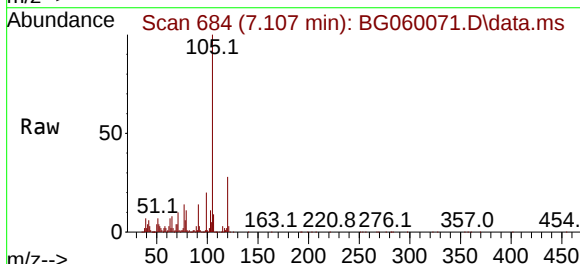
Instrument :
BNA_F
ClientSampleId :

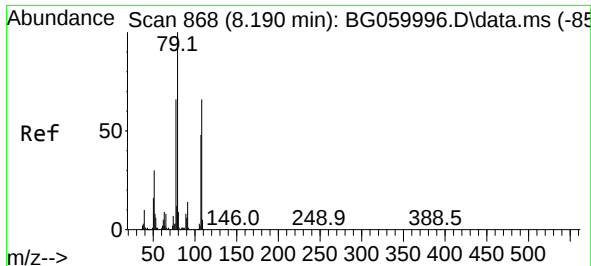
Tgt Ion: 99 Resp: 178813
Ion Ratio Lower Upper
99 100
42 22.4 16.2 24.4
71 54.9 37.6 56.4



#9
Benzaldehyde
Concen: 32.474 ng
RT: 7.107 min Scan# 684
Delta R.T. 0.012 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

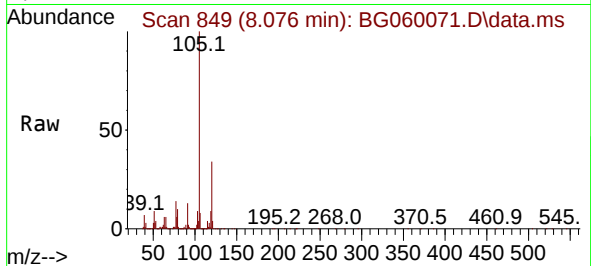
Tgt Ion: 77 Resp: 111084
Ion Ratio Lower Upper
77 100
105 707.8 70.5 110.5#
106 61.3 66.0 106.0#



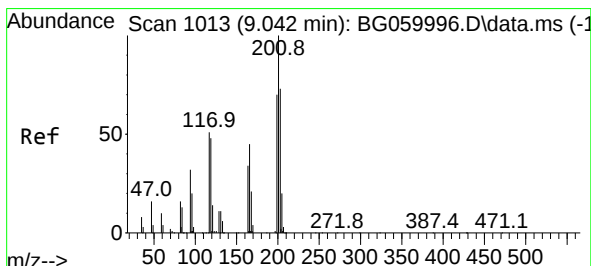
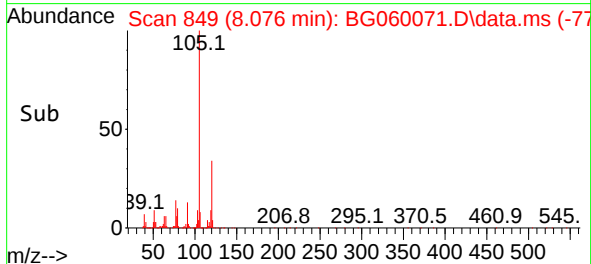
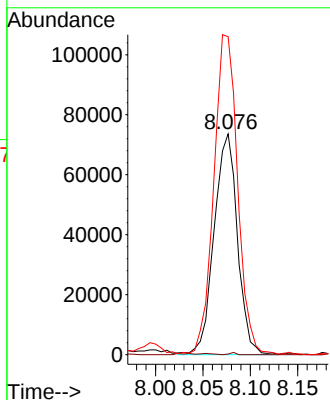


#15
Benzyl Alcohol
Concen: 27.885 ng
RT: 8.076 min Scan# 849
Delta R.T. -0.117 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_F
ClientSampleId :

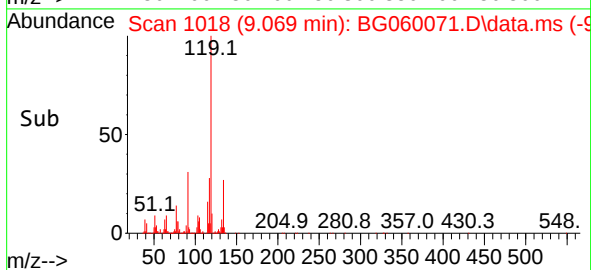
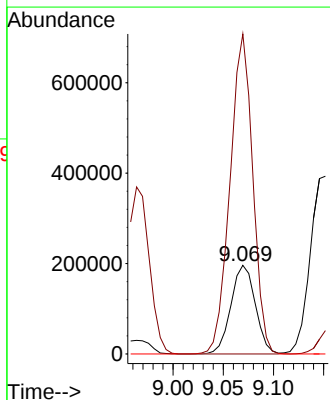
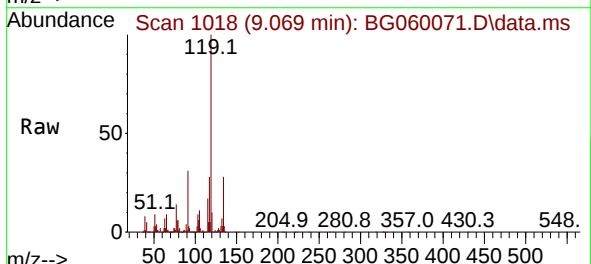


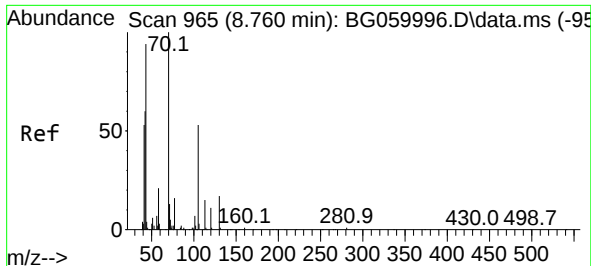
Tgt Ion: 79 Resp: 126082
Ion Ratio Lower Upper
79 100
108 0.6 53.1 79.7#
77 144.1 52.8 79.2#



#18
Hexachloroethane
Concen: 207.685 ng
RT: 9.069 min Scan# 1018
Delta R.T. 0.024 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion: 117 Resp: 331787
Ion Ratio Lower Upper
117 100
119 361.1 74.5 111.7#
201 0.0 156.5 234.7#

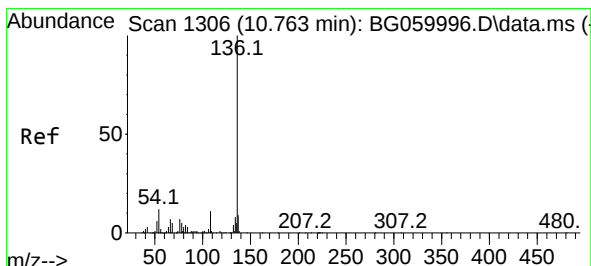
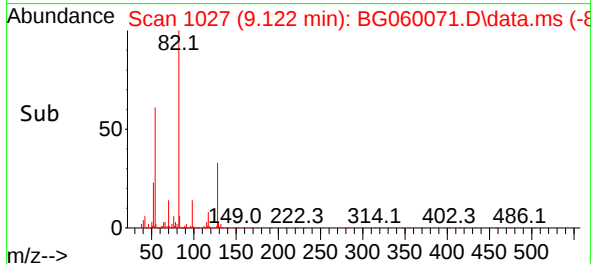
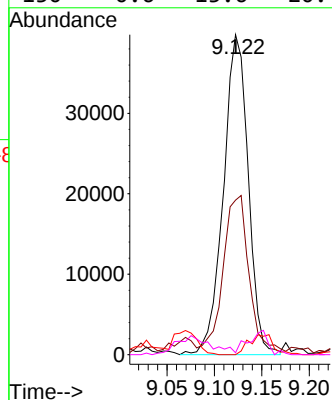
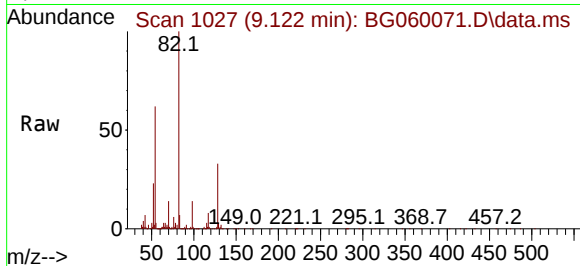




#19
n-Nitroso-di-n-propylamine
Concen: 19.984 ng
RT: 9.122 min Scan# 1027
Delta R.T. 0.359 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

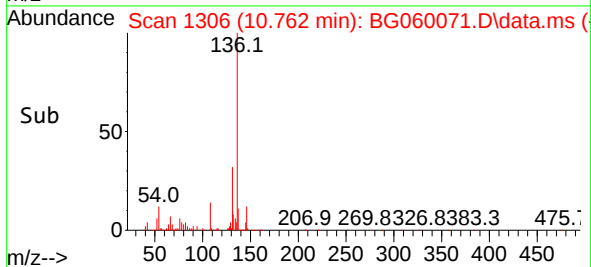
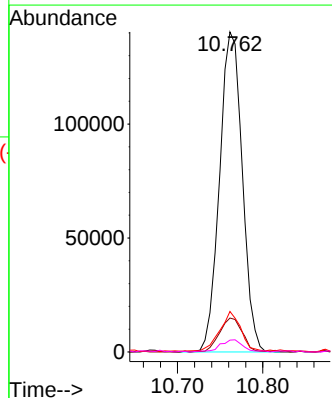
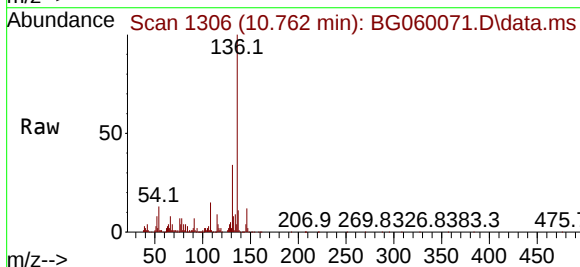
Instrument :
BNA_F
ClientSampleId :

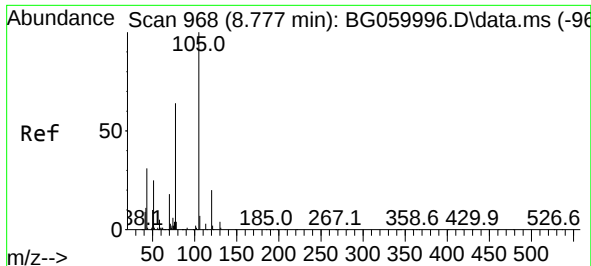
Tgt Ion: 70 Resp: 72534
Ion Ratio Lower Upper
70 100
42 48.3 48.6 73.0#
101 0.0 5.7 8.5#
130 0.6 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

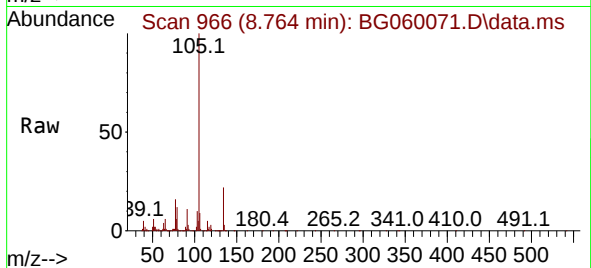
Tgt Ion:136 Resp: 260507
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 12.6 9.6 14.4
68 3.7 4.1 6.1#



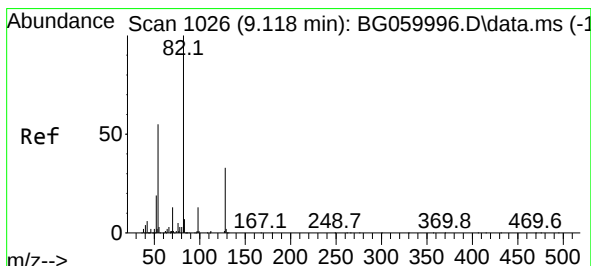
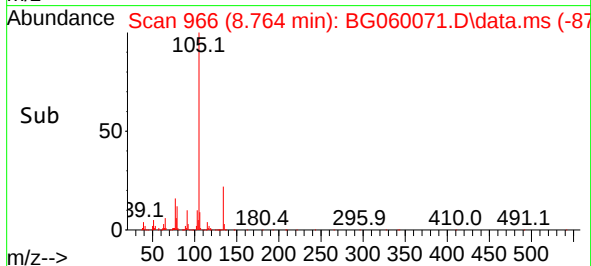
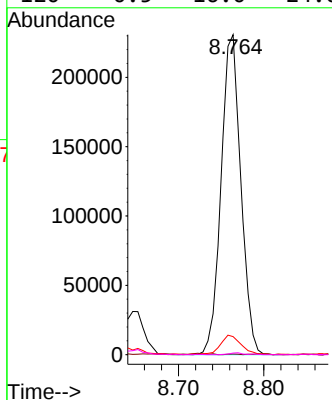


#22
Acetophenone
Concen: 48.967 ng
RT: 8.764 min Scan# 90
Delta R.T. -0.017 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_F
ClientSampleId :

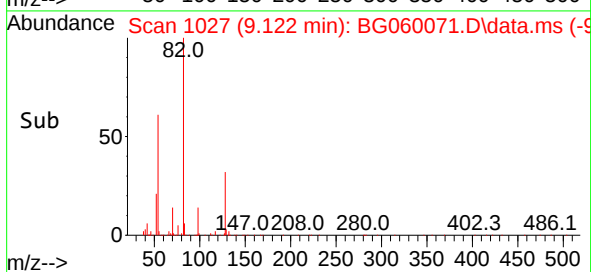
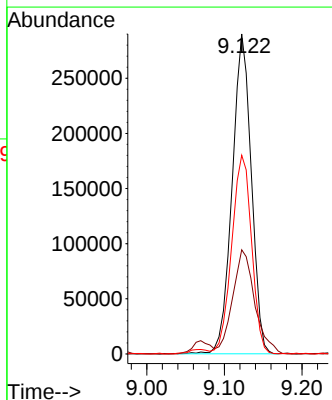
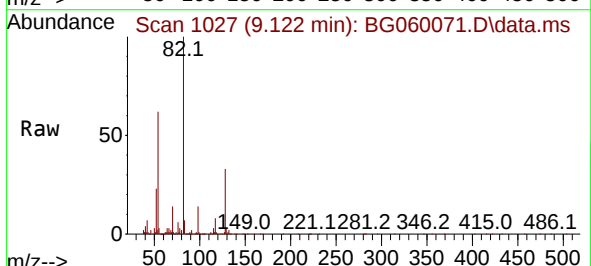


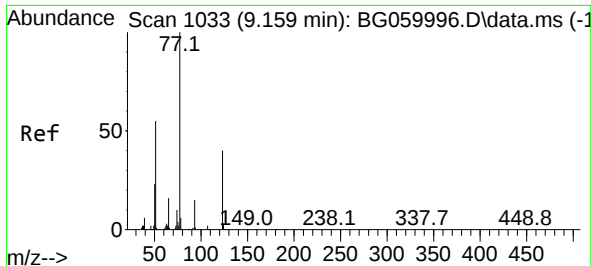
Tgt Ion:	105	Resp:	371734
Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.1	3.1#
51	5.6	25.4	38.0#
120	0.5	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 86.725 ng
RT: 9.122 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:	82	Resp:	497543
Ion	Ratio	Lower	Upper
82	100		
128	32.6	26.3	39.5
54	62.1	44.3	66.5

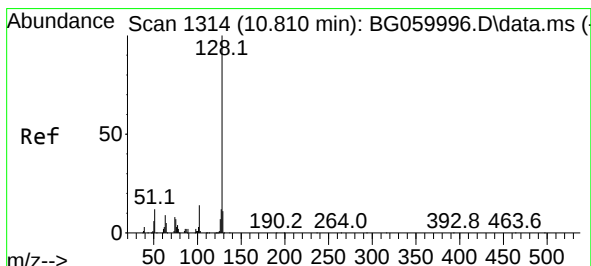
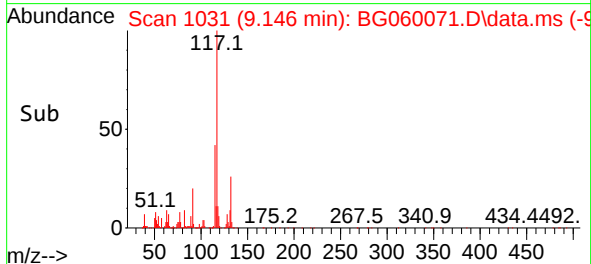
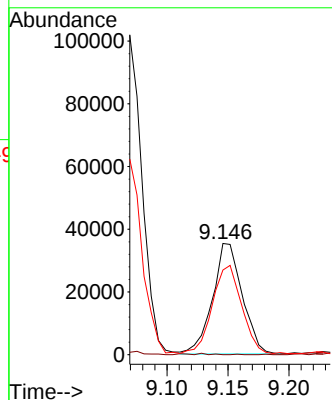
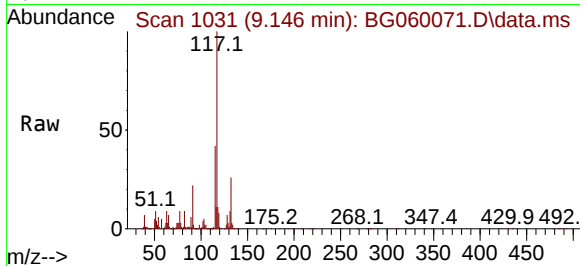




#24
Nitrobenzene
Concen: 10.273 ng
RT: 9.146 min Scan# 1033
Delta R.T. -0.017 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

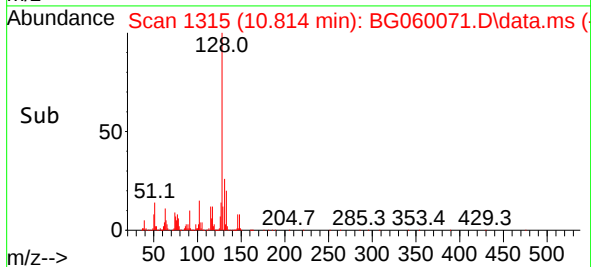
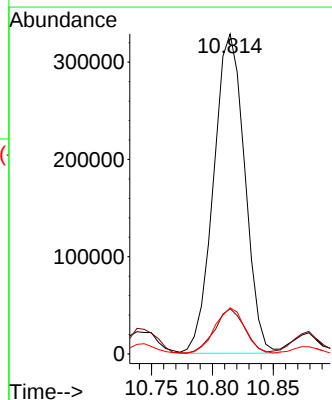
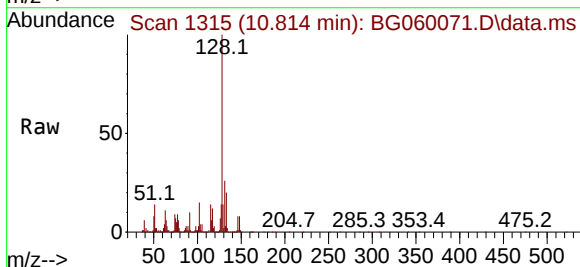
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ClientSampleId :

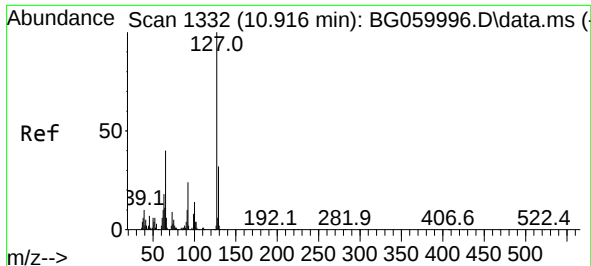
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Ion Ratio Lower Upper
77 100
123 0.0 32.1 48.1#
65 76.1 13.0 19.4#



#31
Naphthalene
Concen: 43.102 ng
RT: 10.814 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:128 Resp: 584528
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8#
127 14.4 9.7 14.5

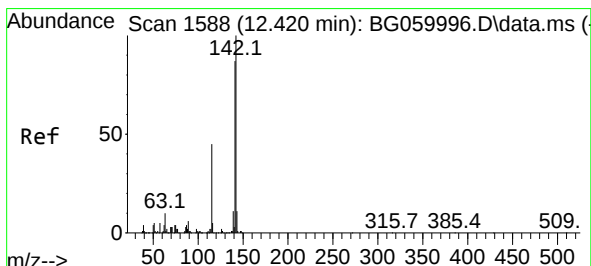
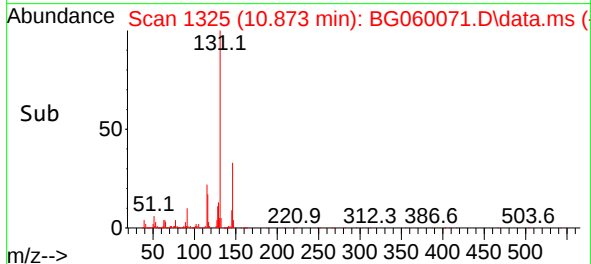
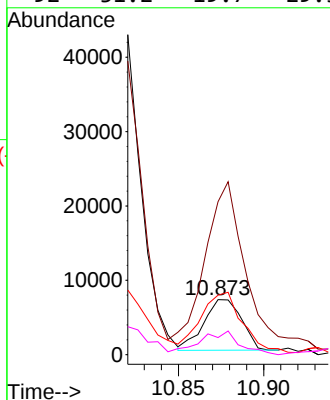
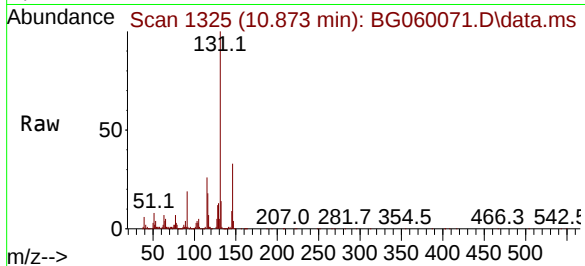




#33
4-Chloroaniline
Concen: 2.038 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.041 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

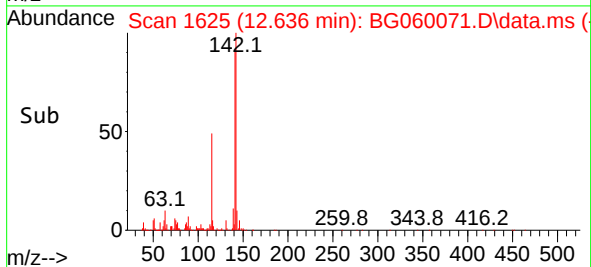
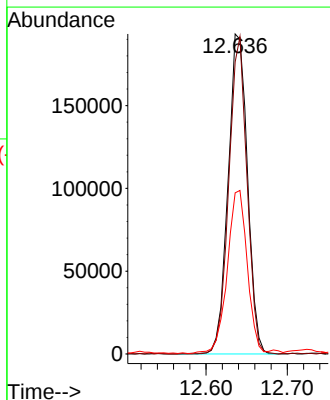
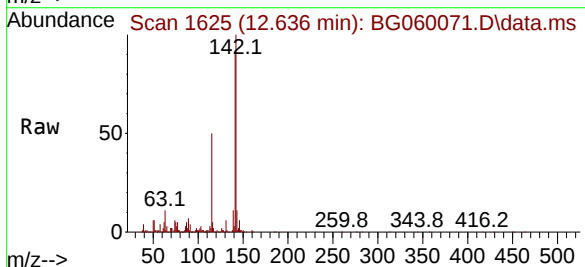
Instrument :
BNA_F
ClientSampleId :

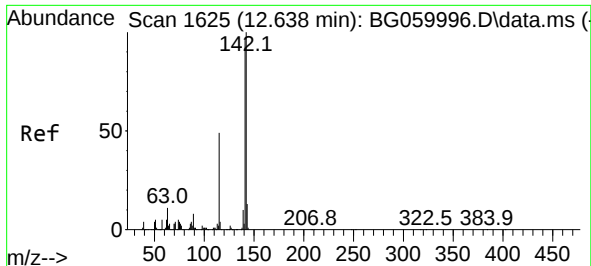
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Ion Ratio Lower Upper
127 100
129 277.5 25.7 38.5#
65 108.1 32.3 48.5#
92 31.2 19.7 29.5#



#37
2-Methylnaphthalene
Concen: 30.083 ng
RT: 12.636 min Scan# 1625
Delta R.T. 0.212 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:142 Resp: 319976
Ion Ratio Lower Upper
142 100
141 91.3 69.9 104.9
115 50.4 36.1 54.1

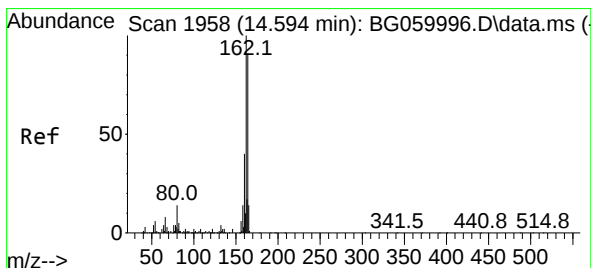
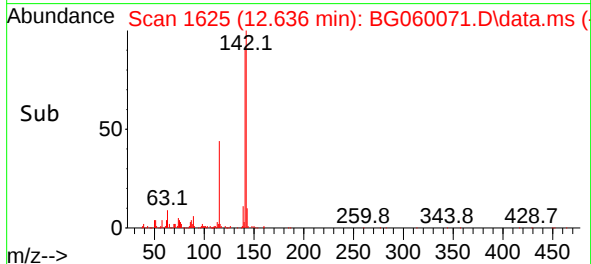
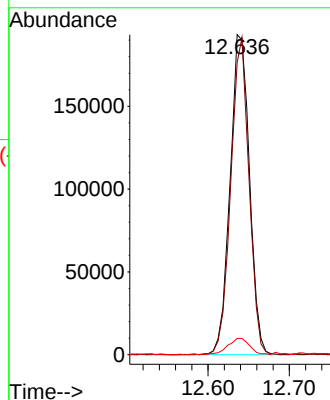
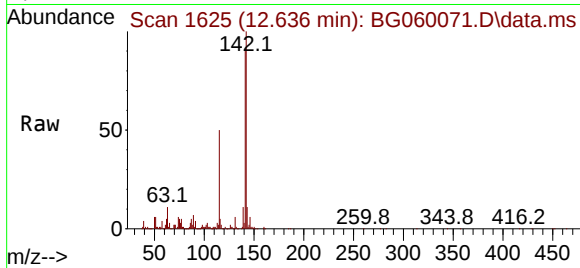




#38
1-Methylnaphthalene
Concen: 30.454 ng
RT: 12.636 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

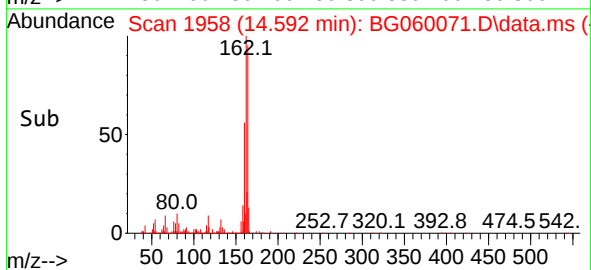
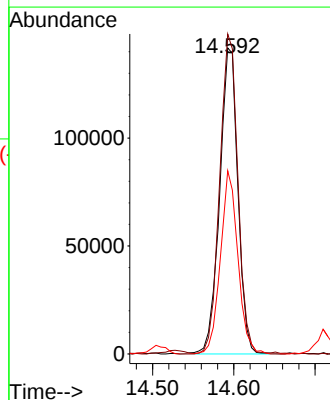
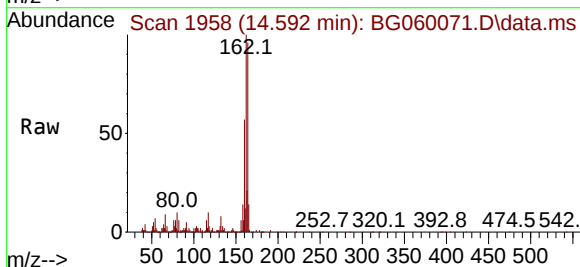
Instrument :
BNA_F
ClientSampleId :

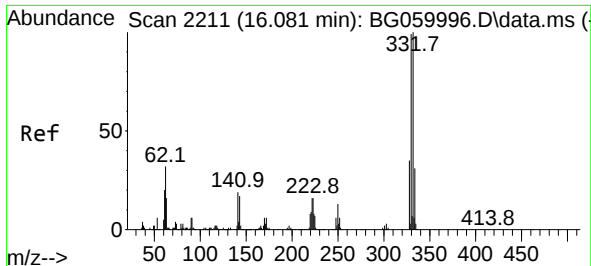
Tgt Ion:142 Resp: 319976
Ion Ratio Lower Upper
142 100
141 91.3 76.9 115.3
116 5.1 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

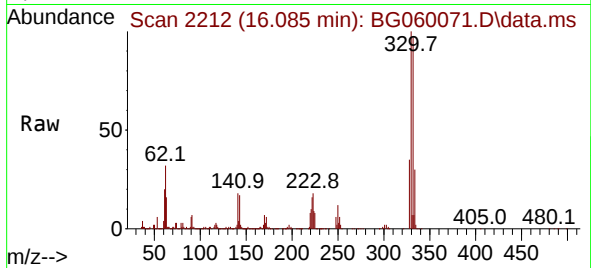
Tgt Ion:164 Resp: 221345
Ion Ratio Lower Upper
164 100
162 104.6 88.1 132.1
160 59.8 35.4 53.0#



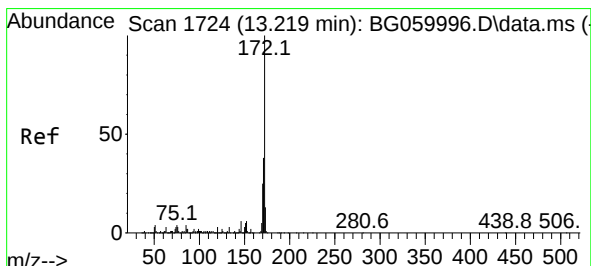
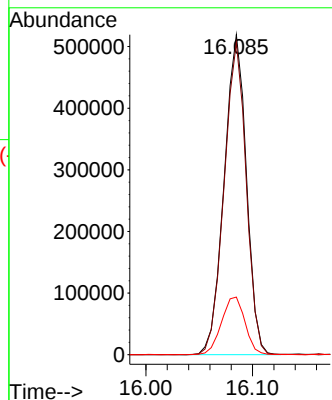
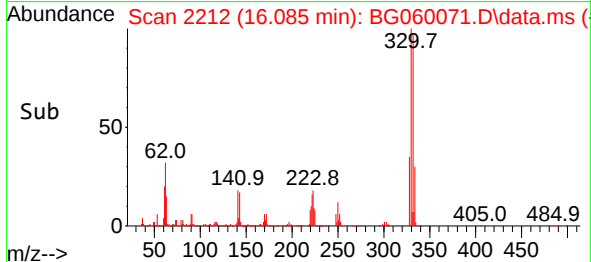


#42
2,4,6-Tribromophenol
Concen: 145.967 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_F
ClientSampleId :

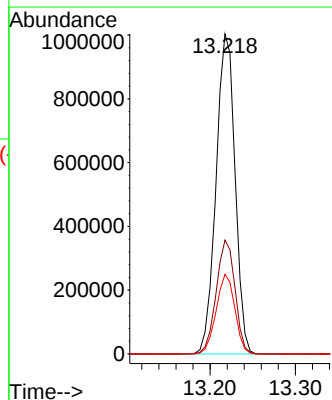
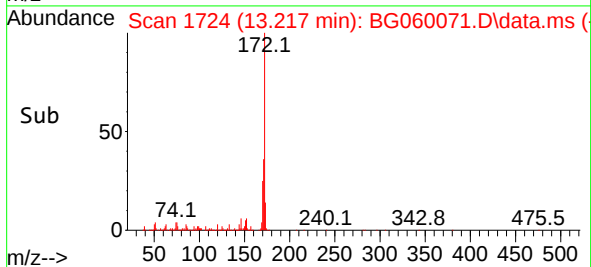
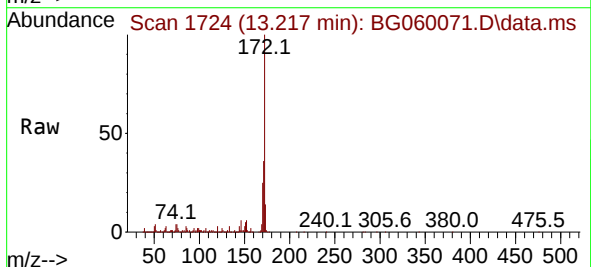


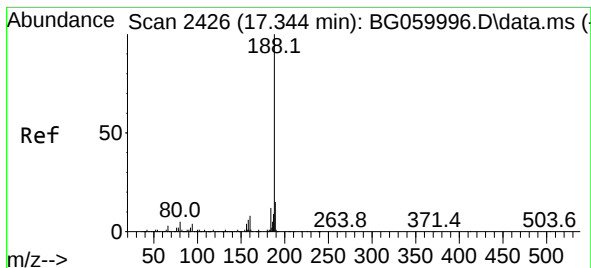
Tgt Ion:330 Resp: 752950
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 19.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 86.005 ng
RT: 13.217 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:172 Resp: 1555415
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 24.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

Instrument :

BNA_F

ClientSampleId :

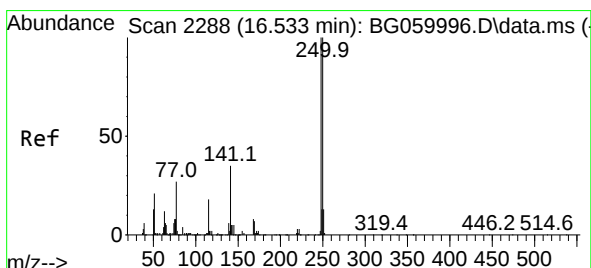
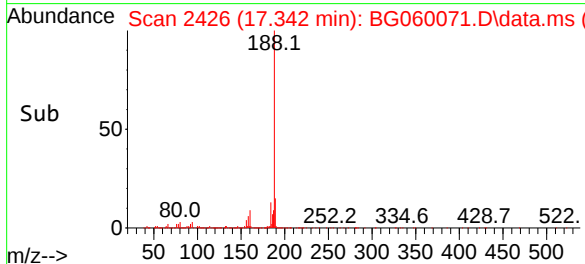
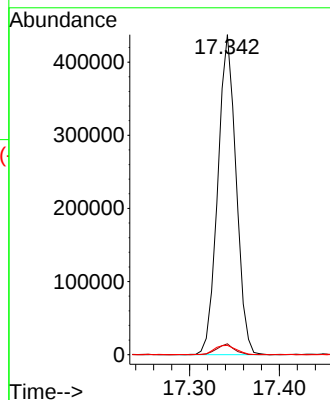
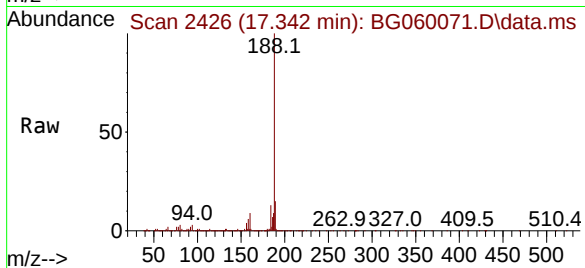
Tgt Ion:188 Resp: 618221

Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.6

80 2.9 4.0 6.0#



#67

4-Bromophenyl-phenylether

Concen: 5.085 ng

RT: 16.085 min Scan# 2212

Delta R.T. -0.452 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

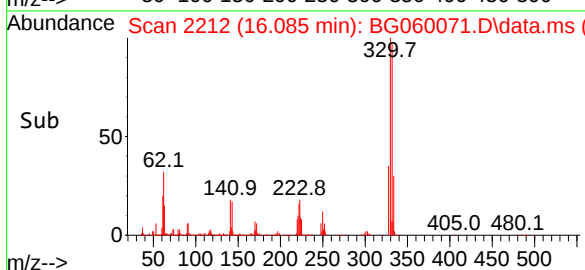
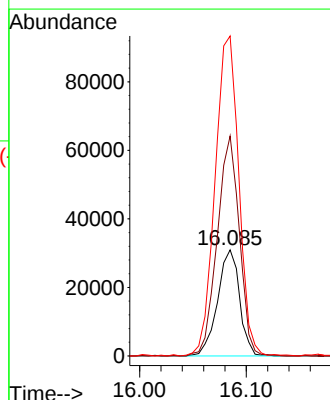
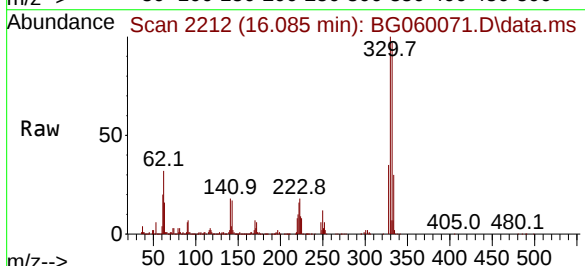
Tgt Ion:248 Resp: 44354

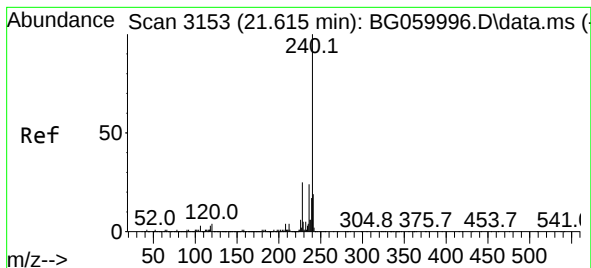
Ion Ratio Lower Upper

248 100

250 207.6 79.9 119.9#

141 301.8 28.3 42.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.614 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

Instrument :

BNA_F

ClientSampleId :

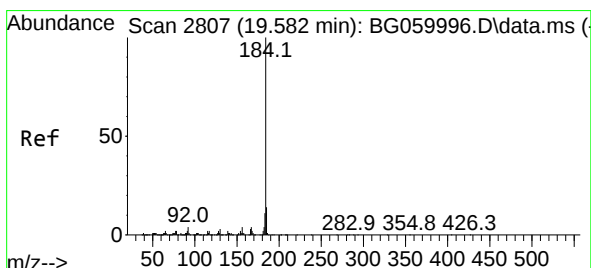
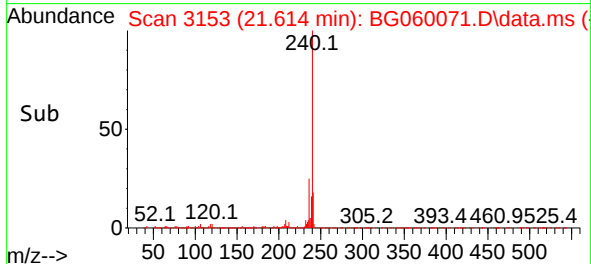
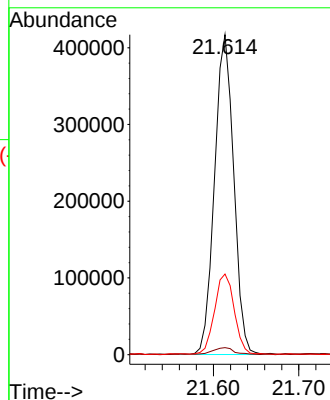
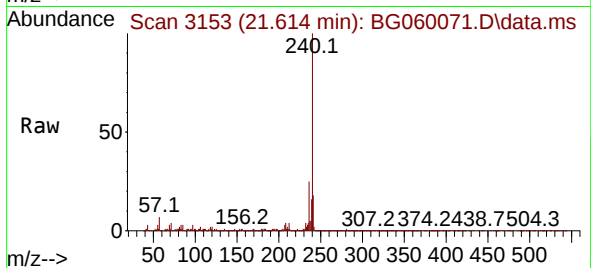
Tgt Ion:240 Resp: 650753

Ion Ratio Lower Upper

240 100

120 2.2 2.9 4.3#

236 25.2 19.4 29.2



#77

Benzidine

Concen: 6.718 ng

RT: 19.968 min Scan# 2873

Delta R.T. 0.382 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

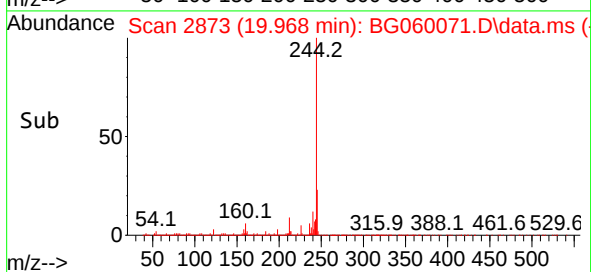
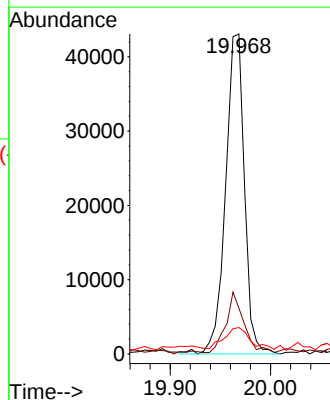
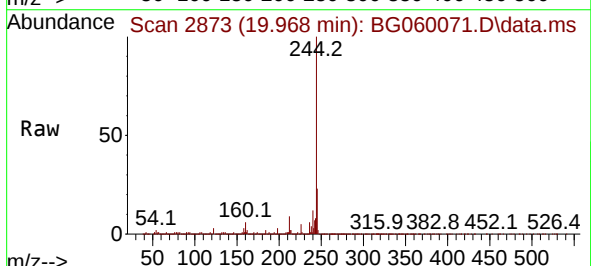
Tgt Ion:184 Resp: 56152

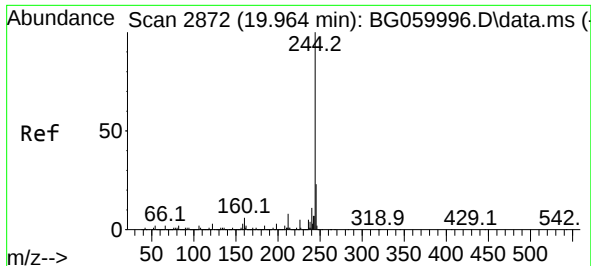
Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 8.3 9.0 13.4#

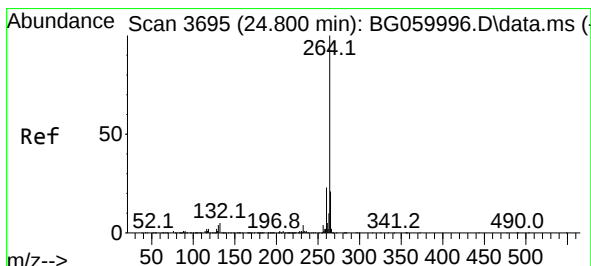
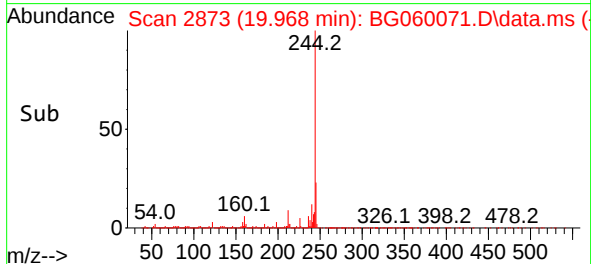
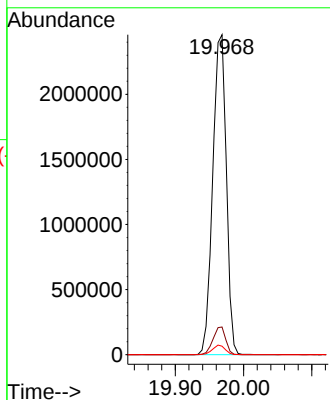
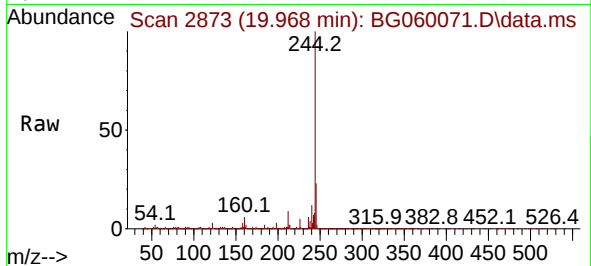




#79
 Terphenyl-d14
 Concen: 95.343 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060071.D
 Acq: 18 Dec 2023 18:14

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 3398402
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.8 10.2
 122 2.7 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG060071.D
 Acq: 18 Dec 2023 18:14

Tgt Ion:264 Resp: 749676
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 20.6 17.3 25.9

