

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060080.D
 Acq On : 19 Dec 2023 00:19
 Operator : MA/JU
 Sample : 05791-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 04:44:06 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)

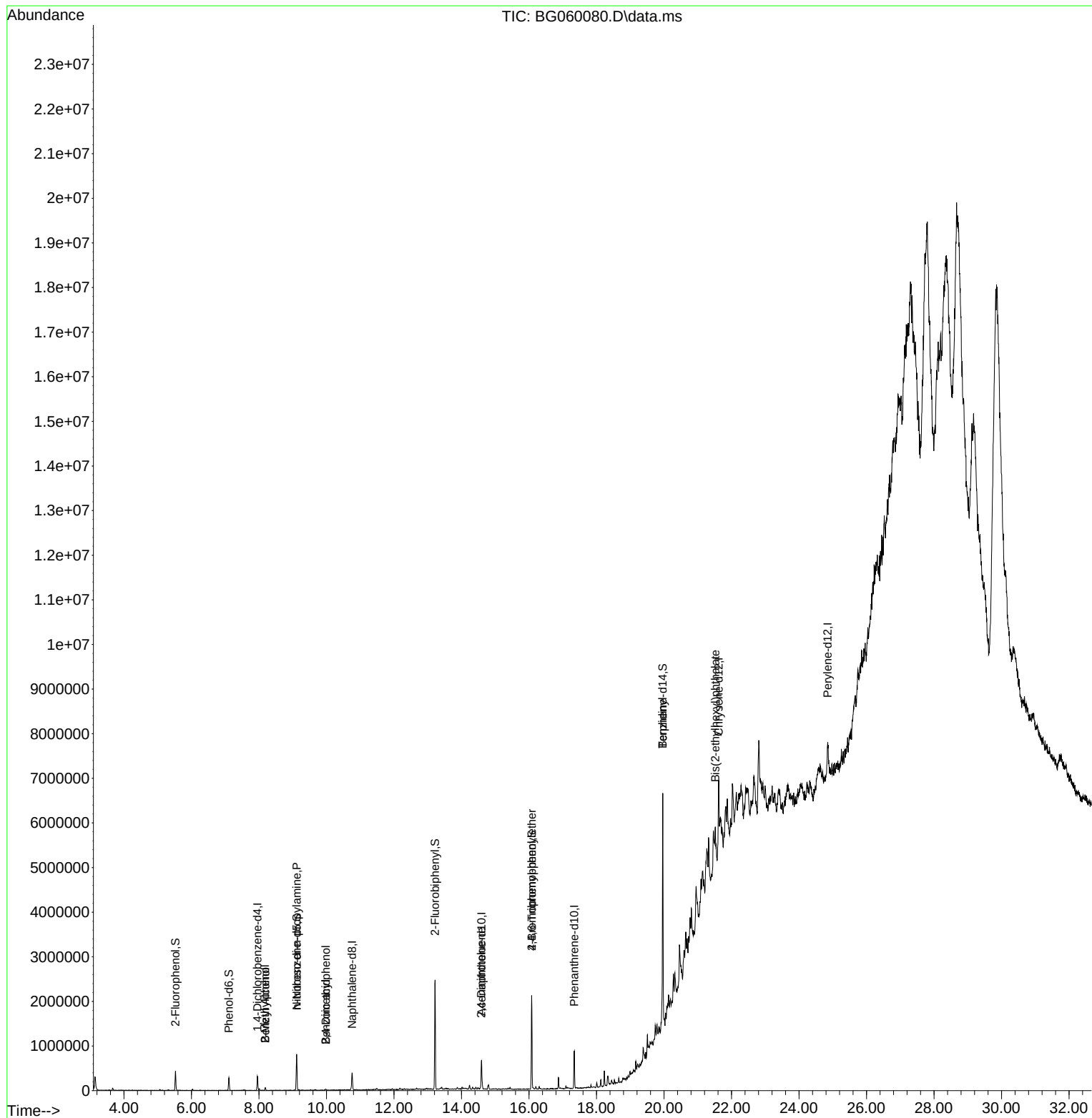
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	84179	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	294981	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	230406	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	603220	20.000	ng	# 0.00
76) Chrysene-d12	21.620	240	791726	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	941457	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	163062	33.160	ng	0.00
7) Phenol-d6	7.107	99	136374	19.715	ng	0.00
23) Nitrobenzene-d5	9.117	82	449249	69.156	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	505069	94.062	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1362293	72.364	ng	0.00
79) Terphenyl-d14	19.963	244	2717418	62.663	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.188	79	22722	4.087	ng	96
17) 2-Methylphenol	8.182	107	10903	2.353	ng	# 25
19) n-Nitroso-di-n-propyla...	9.117	70	67656	15.160	ng	# 81
27) 2,4-Dimethylphenol	9.980	122	7540	2.268	ng	# 6
32) Benzoic acid	9.980	122	7540	2.493	ng	92
57) 2,4-Dinitrotoluene	14.587	165	33027	6.342	ng	# 28
67) 4-Bromophenyl-phenylether	16.079	248	29155	3.426	ng	# 1
69) Atrazine	16.790	200	201	Below Cal		# 34
77) Benzidine	19.963	184	43233	4.251	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.520	149	170728	13.068	ng	92

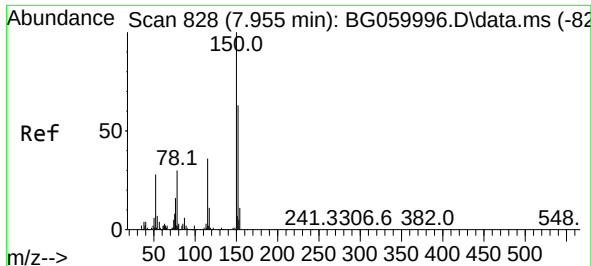
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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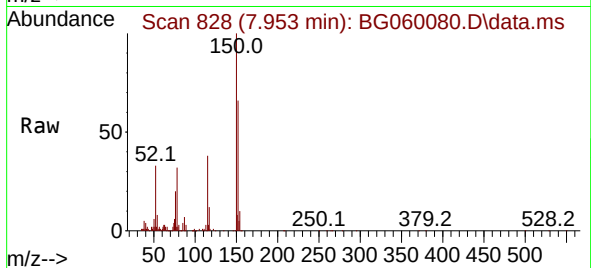
Quant Time: Dec 19 04:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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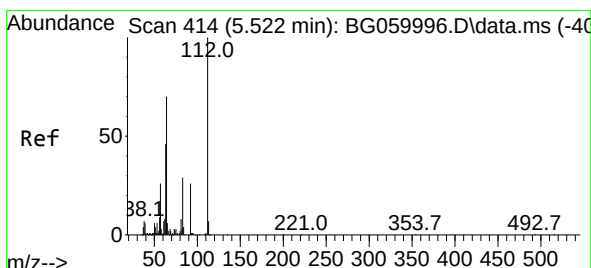
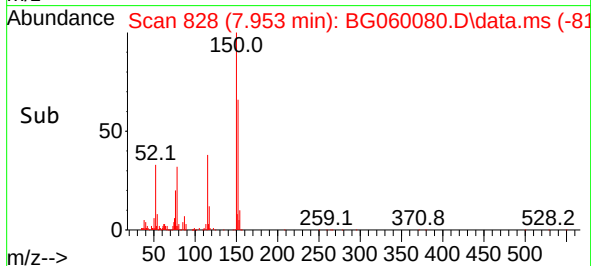
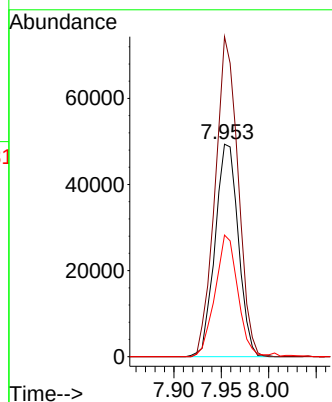


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG060080.D
 Acq: 19 Dec 2023 00:19

Instrument :
 BNA_F
 ClientSampleId :

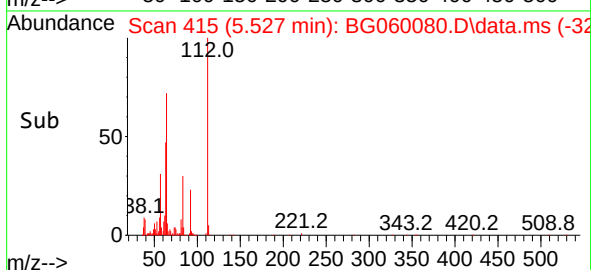
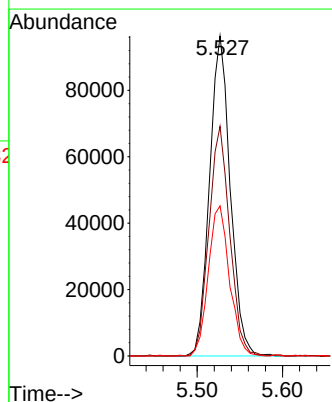
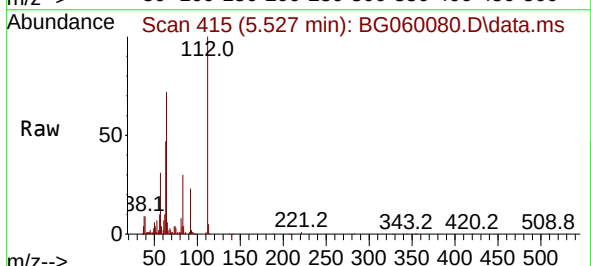


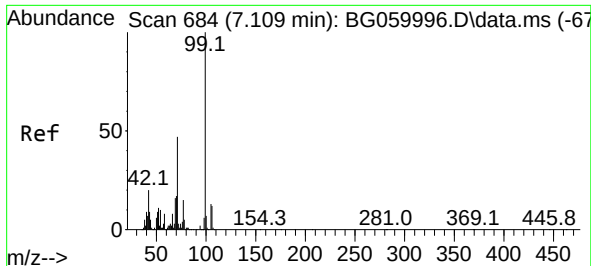
Tgt Ion:152 Resp: 84179
 Ion Ratio Lower Upper
 152 100
 150 150.6 127.0 190.6
 115 57.2 45.7 68.5



#5
 2-Fluorophenol
 Concen: 33.160 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.001 min
 Lab File: BG060080.D
 Acq: 19 Dec 2023 00:19

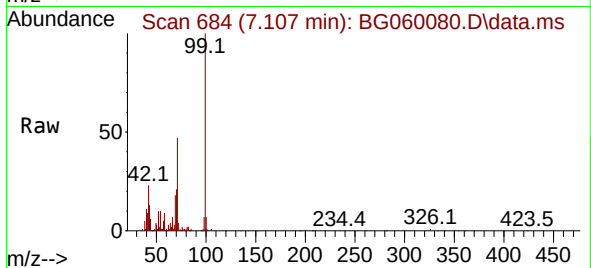
Tgt Ion:112 Resp: 163062
 Ion Ratio Lower Upper
 112 100
 64 71.8 55.9 83.9
 63 46.9 36.5 54.7



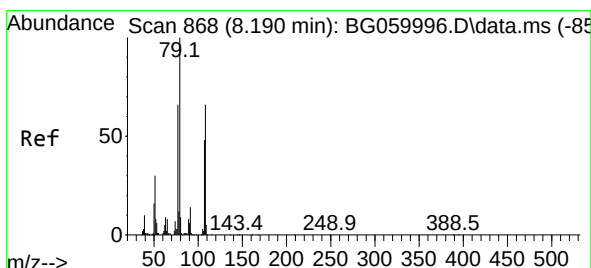
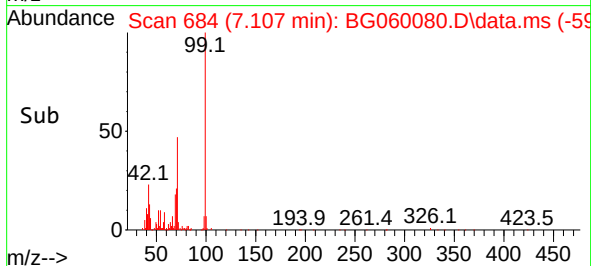
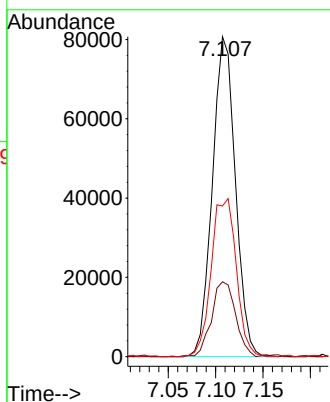


#7
Phenol-d6
Concen: 19.715 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Instrument :
BNA_F
ClientSampleId :

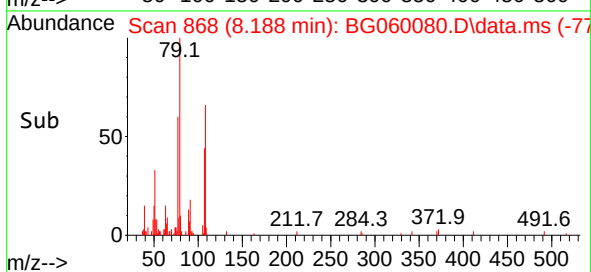
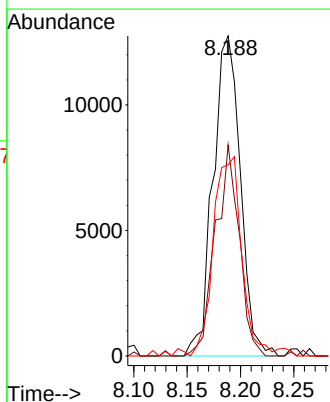
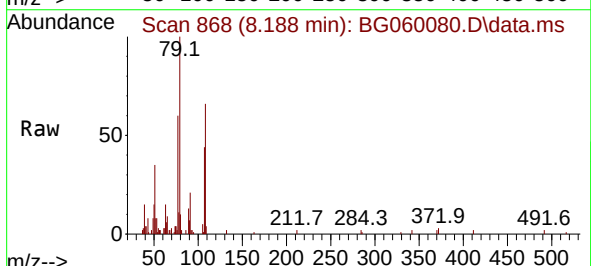


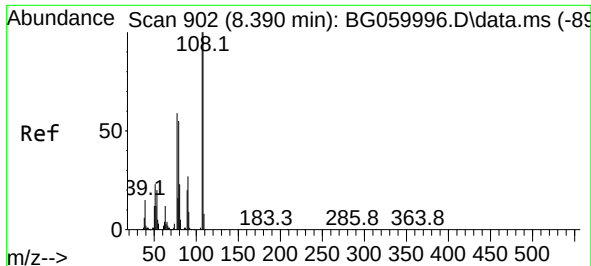
Tgt Ion:	99	Resp:	136374
Ion	Ratio	Lower	Upper
99	100		
42	23.4	16.2	24.4
71	47.1	37.6	56.4



#15
Benzyl Alcohol
Concen: 4.087 ng
RT: 8.188 min Scan# 868
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

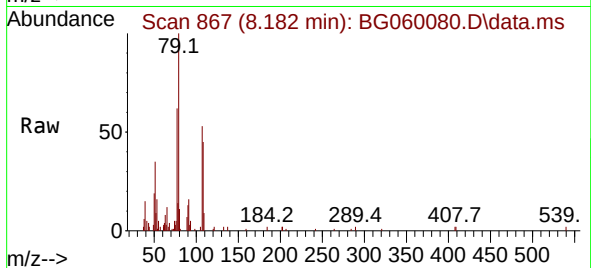
Tgt Ion:	79	Resp:	22722
Ion	Ratio	Lower	Upper
79	100		
108	66.0	53.1	79.7
77	59.7	52.8	79.2



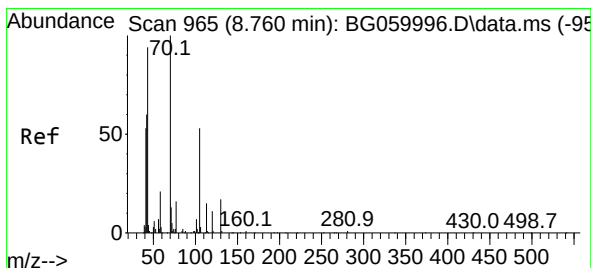
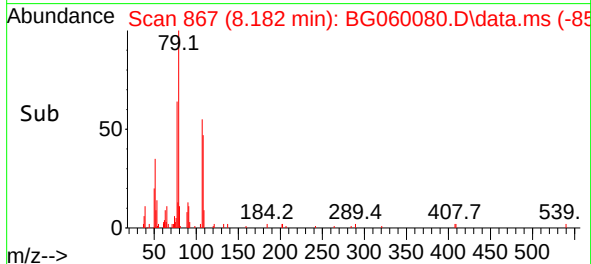
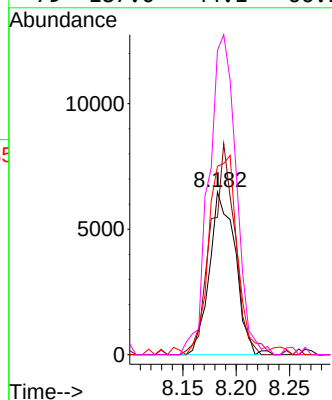


#17
2-Methylphenol
Concen: 2.353 ng
RT: 8.182 min Scan# 80
Delta R.T. -0.211 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Instrument :
BNA_F
ClientSampleId :

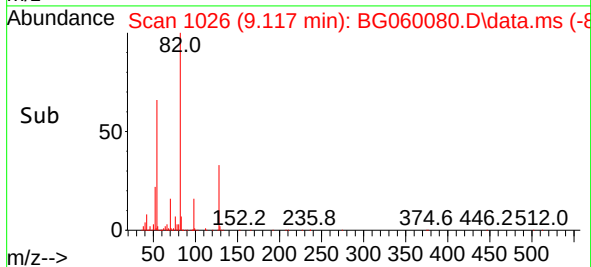
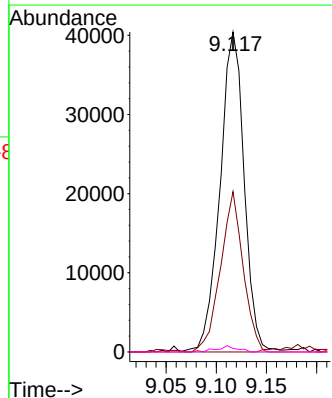
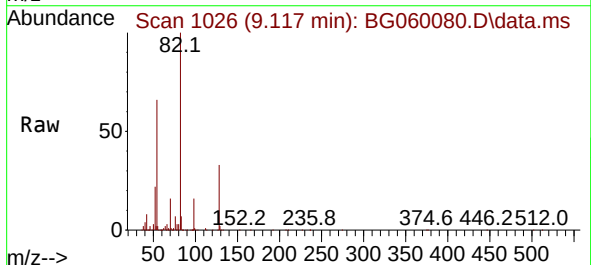


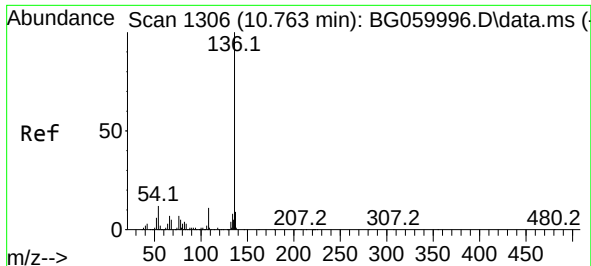
Tgt Ion:	107	Resp:	10903
Ion	Ratio	Lower	Upper
107	100		
108	84.5	80.7	121.1
77	115.9	47.8	71.6#
79	187.0	44.1	66.1#



#19
n-Nitroso-di-n-propylamine
Concen: 15.160 ng
RT: 9.117 min Scan# 1026
Delta R.T. 0.353 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

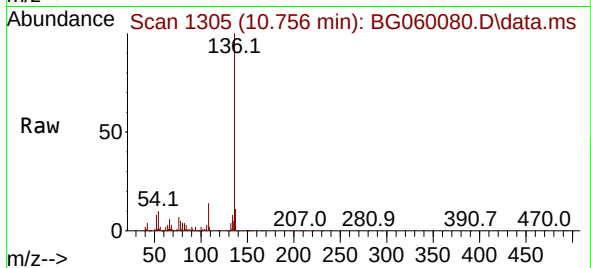
Tgt Ion:	70	Resp:	67656
Ion	Ratio	Lower	Upper
70	100		
42	50.1	48.6	73.0
101	0.0	5.7	8.5#
130	1.1	13.6	20.4#



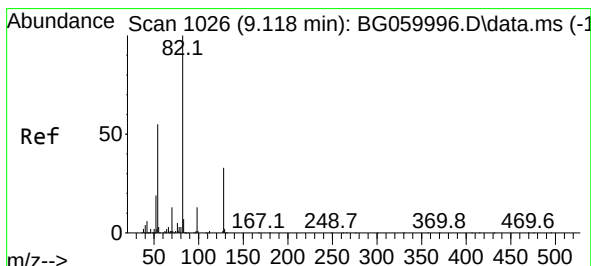
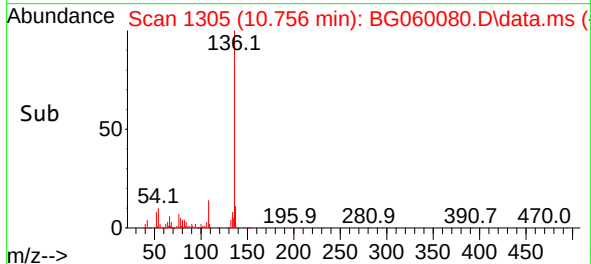
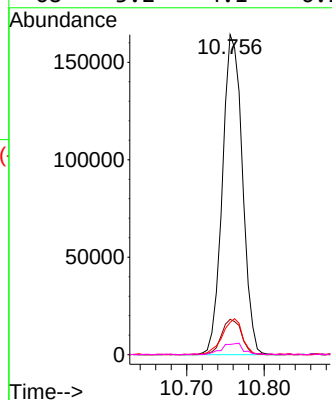


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Instrument :
BNA_F
ClientSampleId :

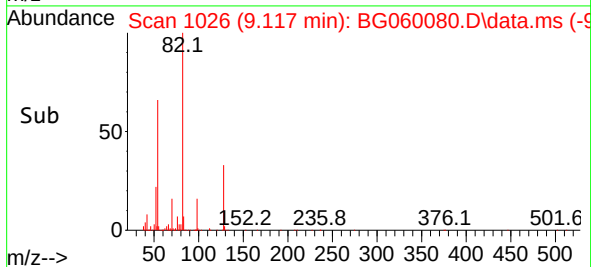
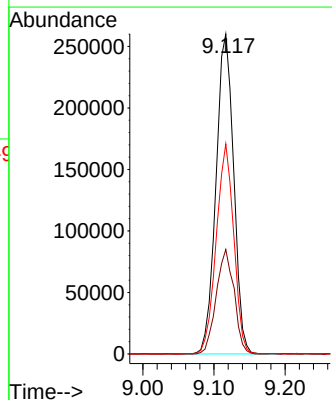
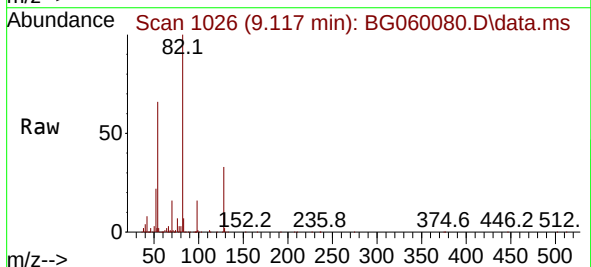


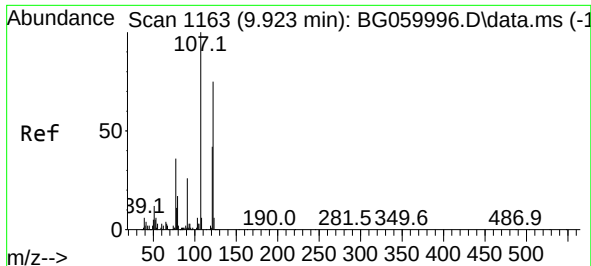
Tgt Ion:136 Resp: 294981
Ion Ratio Lower Upper
136 100
137 11.1 7.3 10.9#
54 10.1 9.6 14.4
68 3.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 69.156 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Tgt Ion: 82 Resp: 449249
Ion Ratio Lower Upper
82 100
128 32.7 26.3 39.5
54 65.6 44.3 66.5

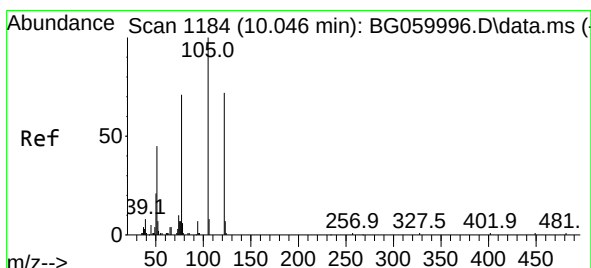
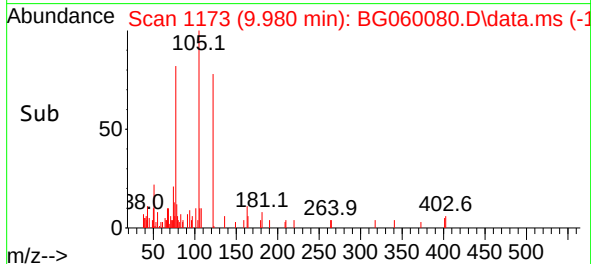
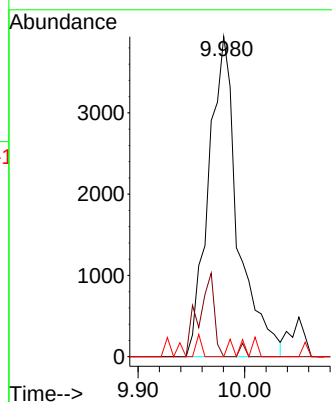
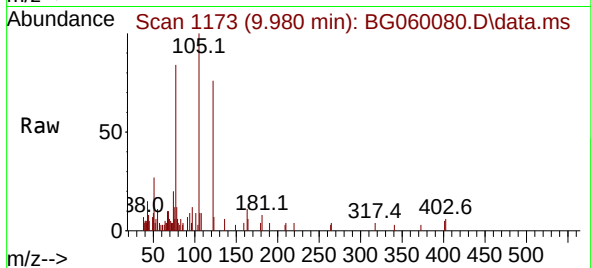




#27
2,4-Dimethylphenol
Concen: 2.268 ng
RT: 9.980 min Scan# 1173
Delta R.T. 0.053 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

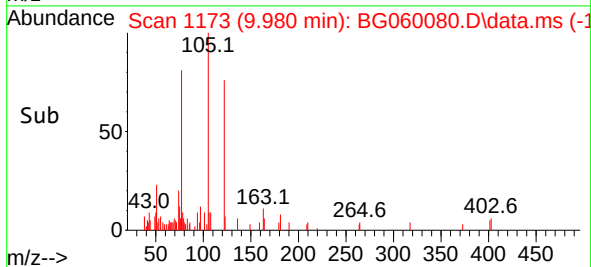
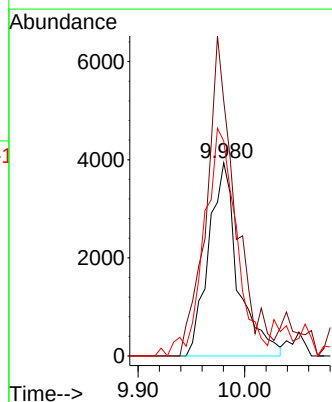
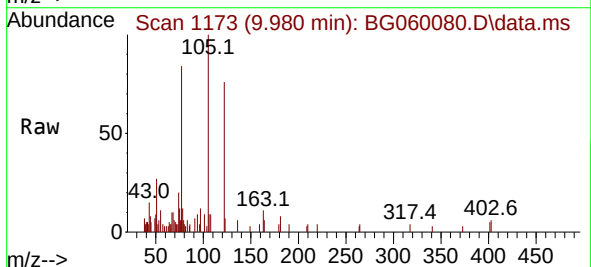
Instrument :
BNA_F
ClientSampleId :

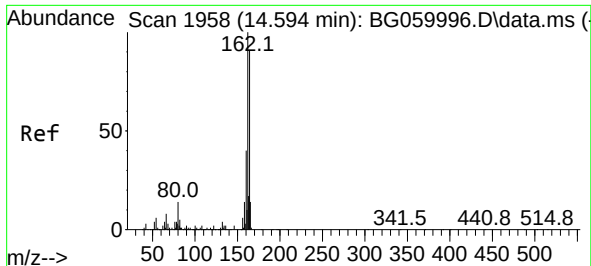
Tgt Ion:122 Resp: 7540
Ion Ratio Lower Upper
122 100
107 12.3 105.9 158.9#
121 0.0 44.5 66.7#



#32
Benzoic acid
Concen: 2.493 ng
RT: 9.980 min Scan# 1173
Delta R.T. -0.082 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Tgt Ion:122 Resp: 7540
Ion Ratio Lower Upper
122 100
105 132.1 106.2 146.2
77 111.2 80.4 120.4

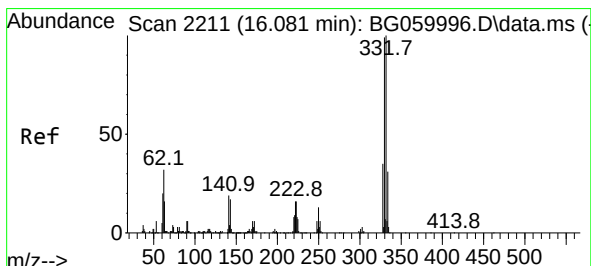
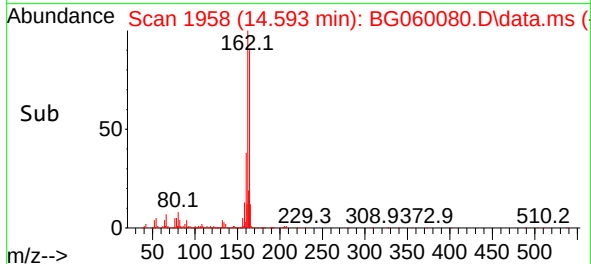
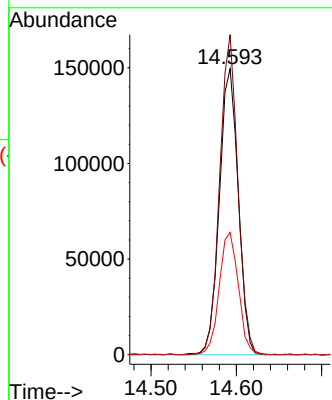
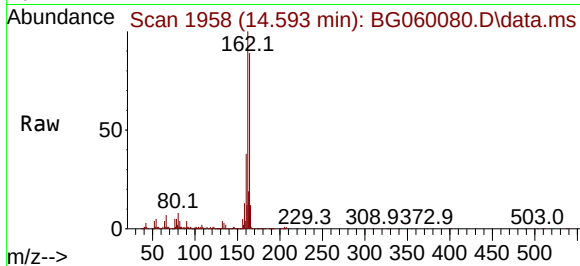




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

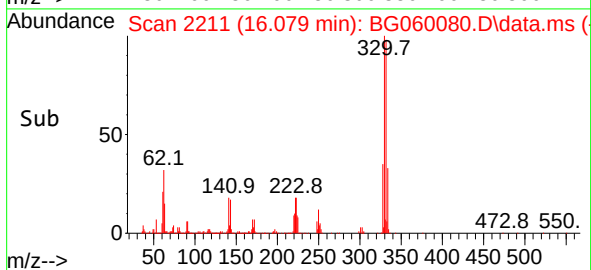
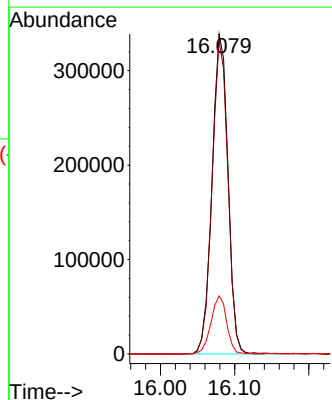
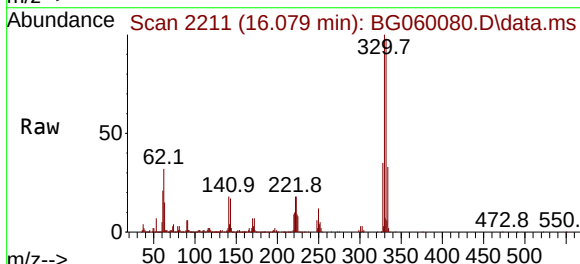
Instrument :
BNA_F
ClientSampleId :

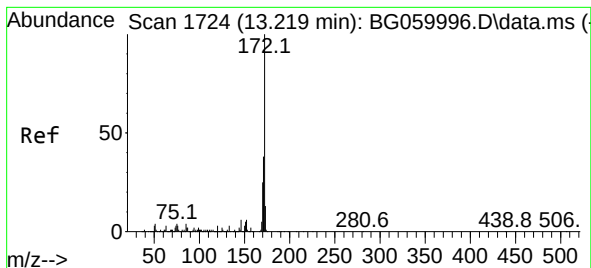
Tgt Ion:164 Resp: 230406
Ion Ratio Lower Upper
164 100
162 111.9 88.1 132.1
160 42.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 94.062 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Tgt Ion:330 Resp: 505069
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 17.9 14.3 21.5

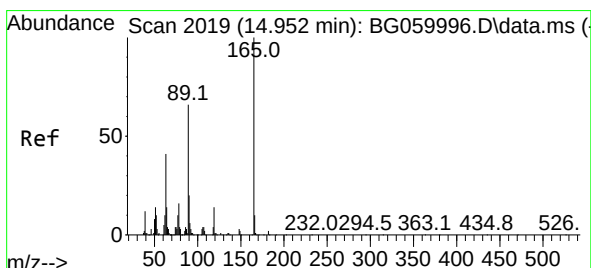
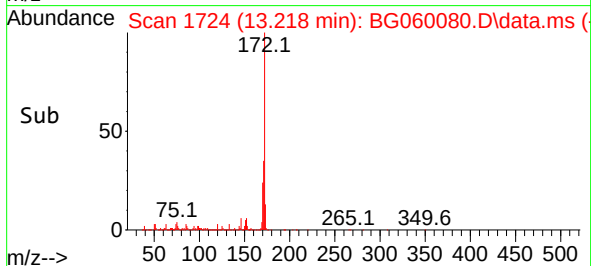
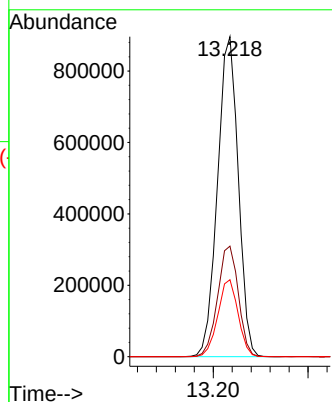
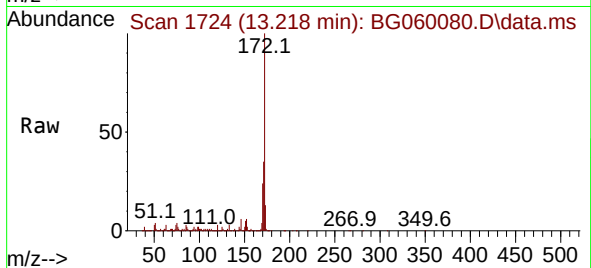




#45
2-Fluorobiphenyl
Concen: 72.364 ng
RT: 13.218 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

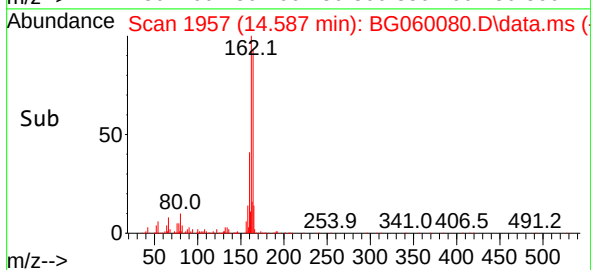
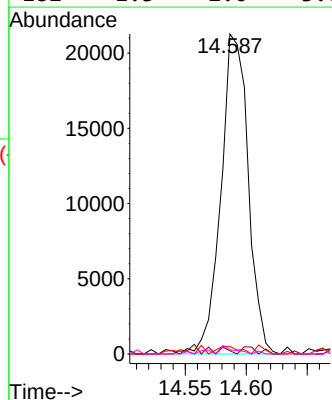
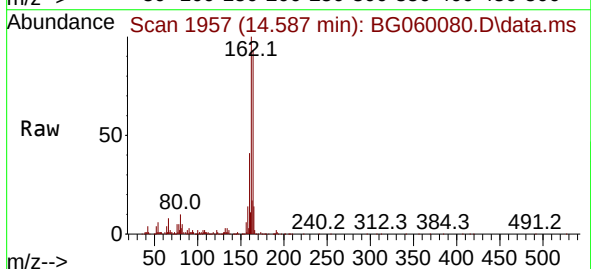
Instrument :
BNA_F
ClientSampleId :

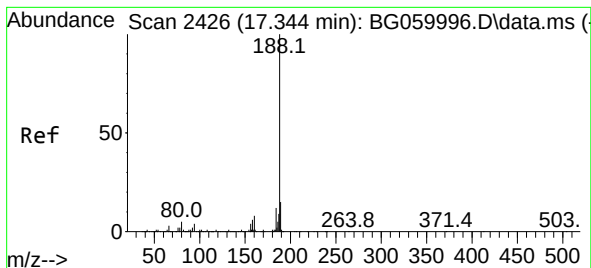
Tgt Ion:172 Resp: 1362293
Ion Ratio Lower Upper
172 100
171 34.6 30.1 45.1
170 24.0 20.0 30.0



#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.364 min
Lab File: BG060080.D
Acq: 19 Dec 2023 00:19

Tgt Ion:165 Resp: 33027
Ion Ratio Lower Upper
165 100
63 1.0 32.8 49.2#
89 2.3 53.0 79.6#
182 1.3 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.005 min

Lab File: BG060080.D

Acq: 19 Dec 2023 00:19

Instrument :

BNA_F

ClientSampleId :

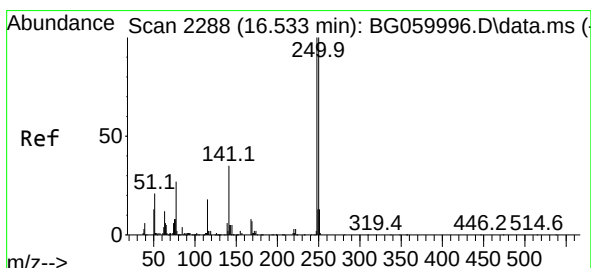
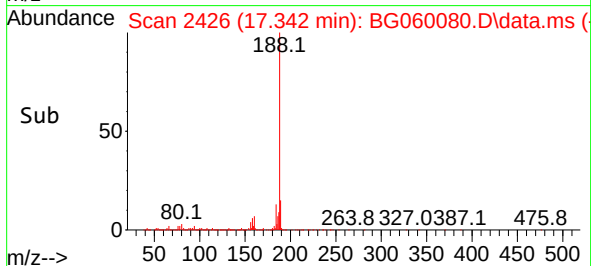
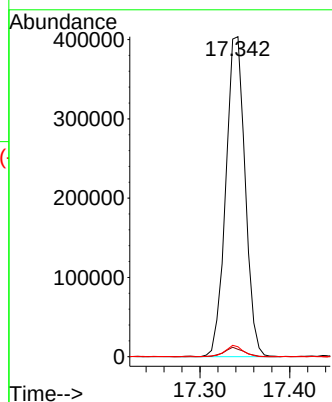
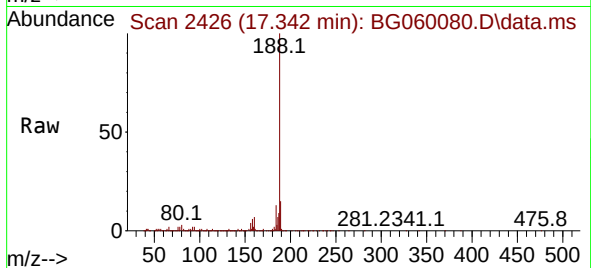
Tgt Ion:188 Resp: 603220

Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.6#

80 3.1 4.0 6.0#



#67

4-Bromophenyl-phenylether

Concen: 3.426 ng

RT: 16.079 min Scan# 2211

Delta R.T. -0.458 min

Lab File: BG060080.D

Acq: 19 Dec 2023 00:19

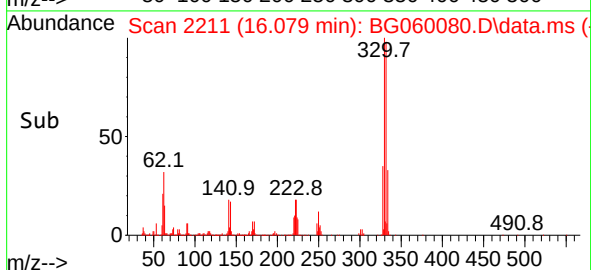
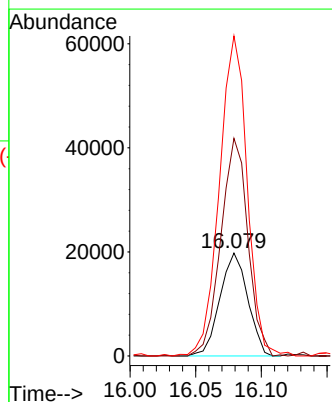
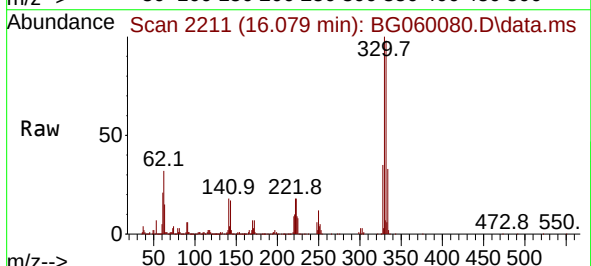
Tgt Ion:248 Resp: 29155

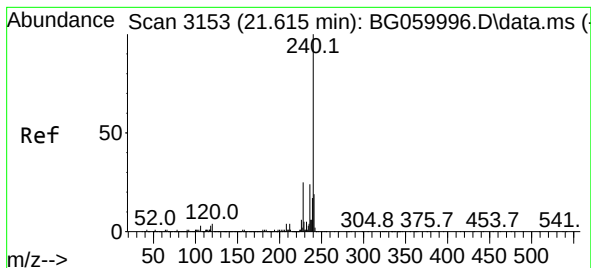
Ion Ratio Lower Upper

248 100

250 211.4 79.9 119.9#

141 310.8 28.3 42.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.620 min Scan# 3154

Delta R.T. 0.001 min

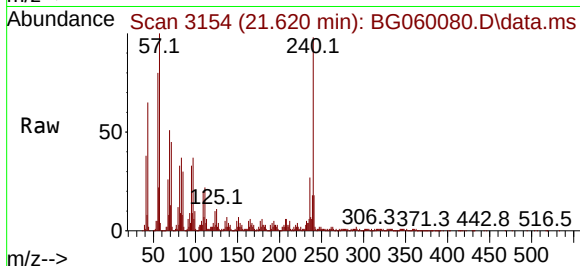
Lab File: BG060080.D

Acq: 19 Dec 2023 00:19

Instrument :

BNA_F

ClientSampleId :



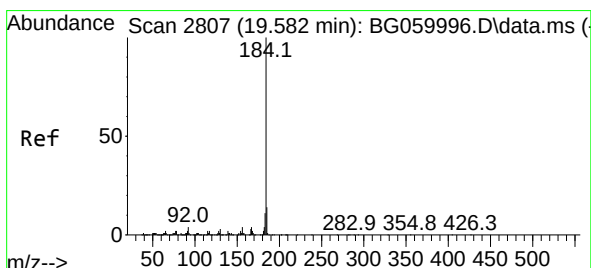
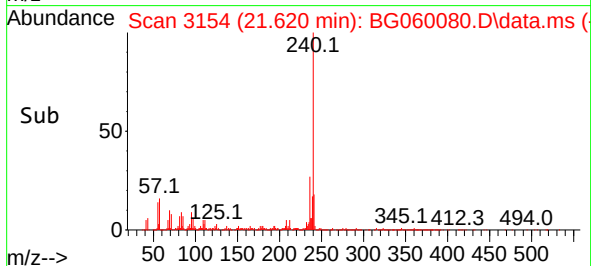
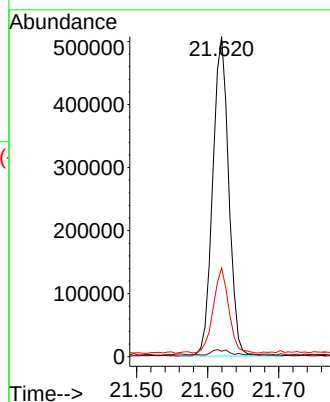
Tgt Ion:240 Resp: 791726

Ion Ratio Lower Upper

240 100

120 1.7 2.9 4.3#

236 27.7 19.4 29.2



#77

Benzidine

Concen: 4.251 ng

RT: 19.963 min Scan# 2872

Delta R.T. 0.377 min

Lab File: BG060080.D

Acq: 19 Dec 2023 00:19

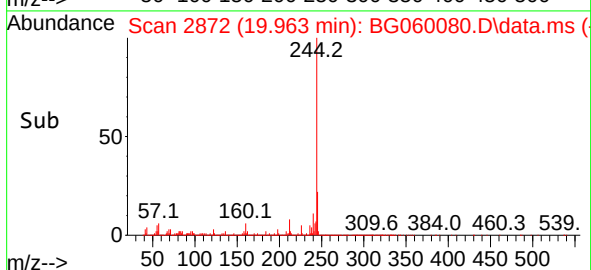
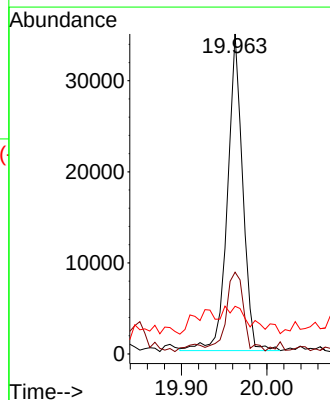
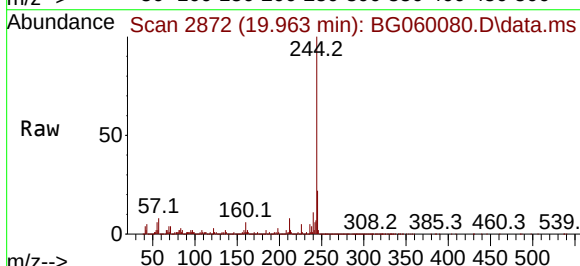
Tgt Ion:184 Resp: 43233

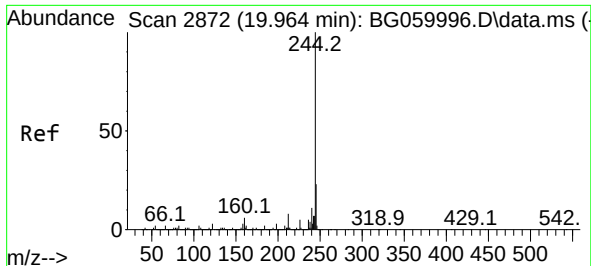
Ion Ratio Lower Upper

184 100

185 25.5 11.1 16.7#

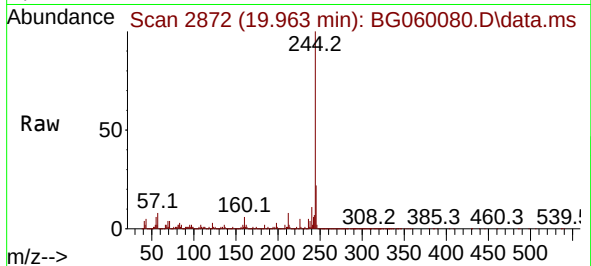
183 14.9 9.0 13.4#



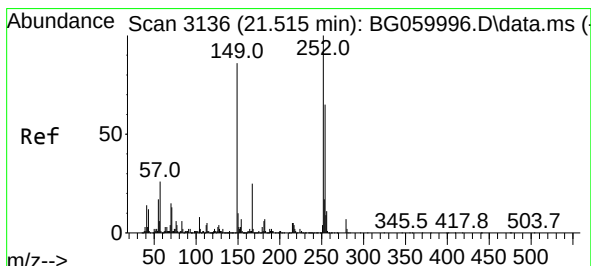
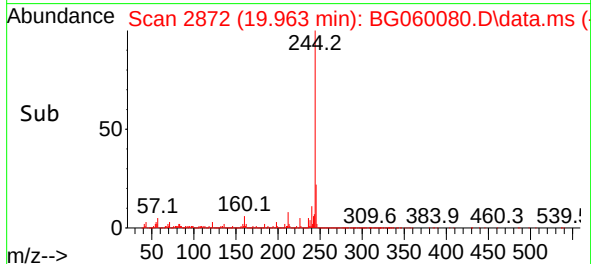
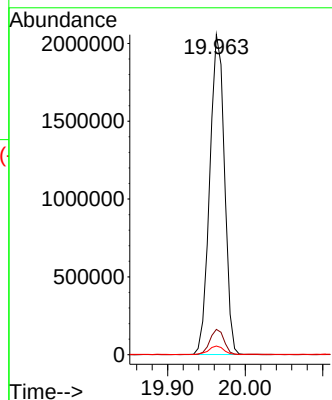


#79
 Terphenyl-d14
 Concen: 62.663 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060080.D
 Acq: 19 Dec 2023 00:19

Instrument :
 BNA_F
 ClientSampleId :

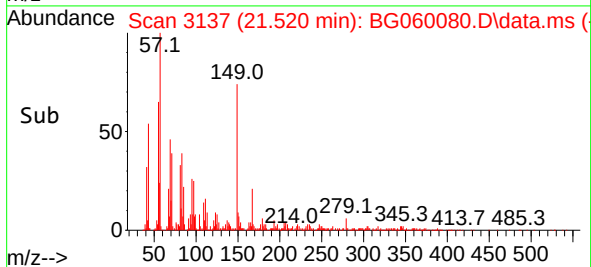
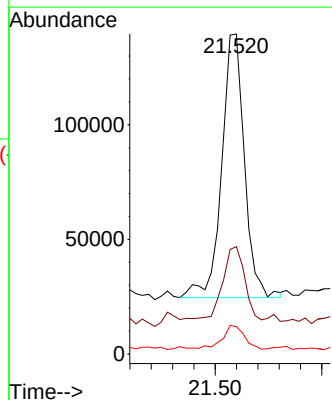
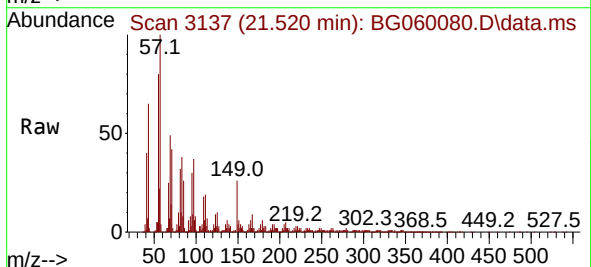


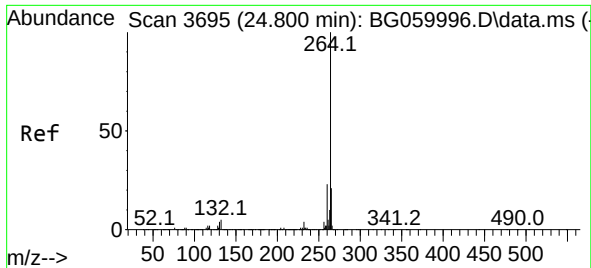
Tgt Ion:244 Resp: 2717418
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.8 10.2
 122 2.7 2.6 3.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.068 ng
 RT: 21.520 min Scan# 3137
 Delta R.T. 0.006 min
 Lab File: BG060080.D
 Acq: 19 Dec 2023 00:19

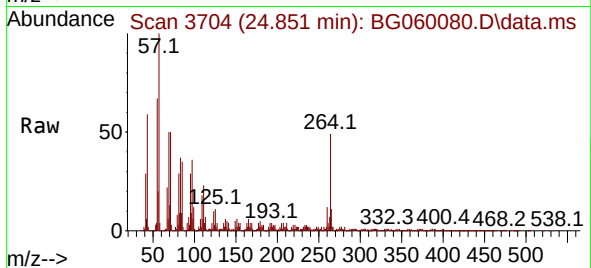
Tgt Ion:149 Resp: 170728
 Ion Ratio Lower Upper
 149 100
 167 33.5 23.0 34.6
 279 8.6 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.851 min Scan# 31
 Delta R.T. 0.036 min
 Lab File: BG060080.D
 Acq: 19 Dec 2023 00:19

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	941457
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.5	27.7
265	23.1	17.3	25.9

