

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059725.D
 Acq On : 16 Nov 2023 19:36
 Operator : MA/JU
 Sample : 05415-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RD-SW-01-20231103

Quant Time: Nov 17 02:33:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

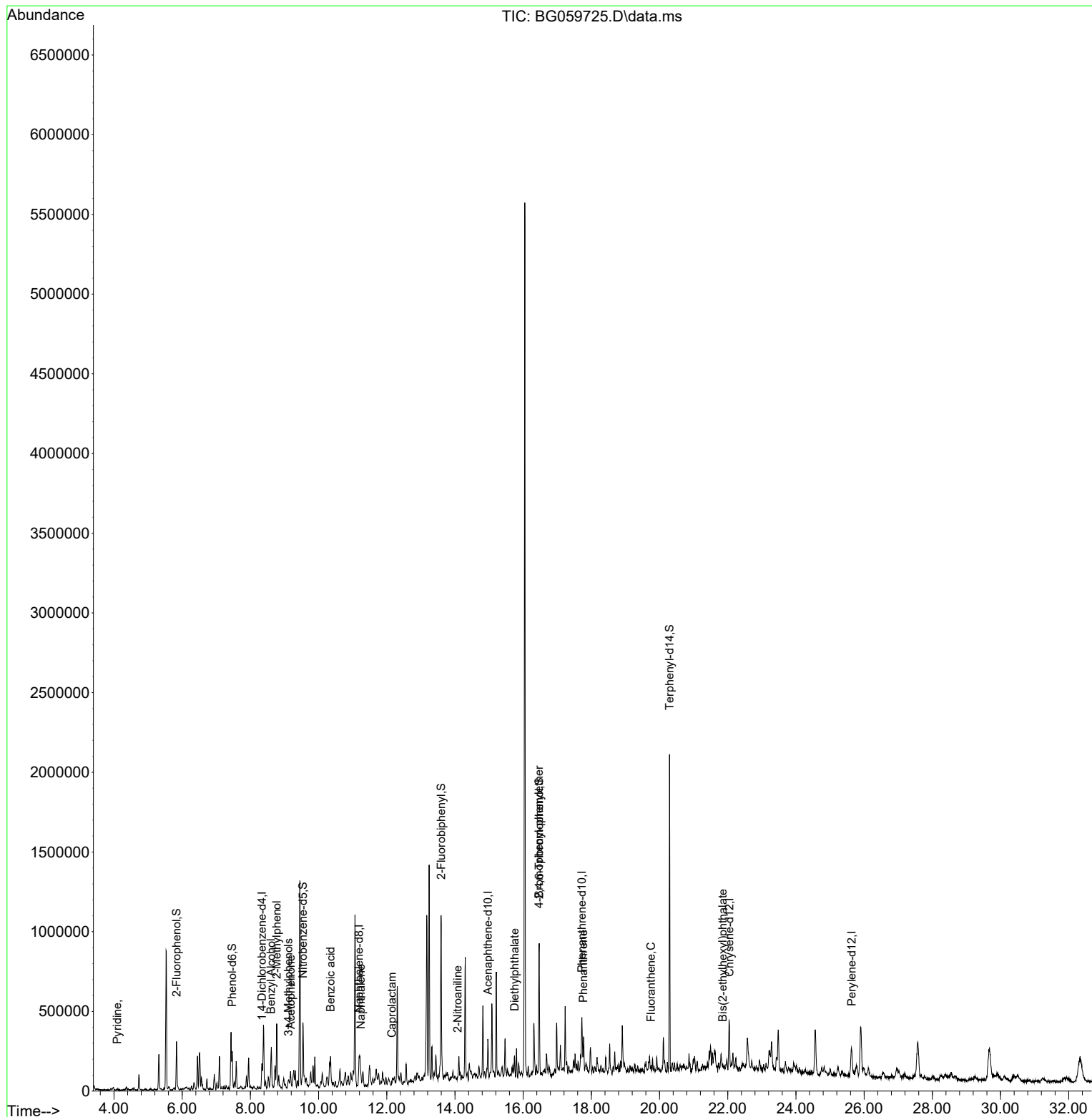
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	25229	20.000	ng	# 0.00
21) Naphthalene-d8	11.188	136	114791	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	77113	20.000	ng	# 0.00
64) Phenanthrene-d10	17.721	188	149579	20.000	ng	# 0.00
76) Chrysene-d12	22.046	240	151940	20.000	ng	0.00
86) Perylene-d12	25.636	264	210578	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	107593	71.780	ng	0.00
7) Phenol-d6	7.469	99	100209	45.114	ng	0.01
23) Nitrobenzene-d5	9.543	82	238913	79.489	ng	0.00
42) 2,4,6-Tribromophenol	16.470	330	108098	123.549	ng	0.01
45) 2-Fluorobiphenyl	13.597	172	418884	73.118	ng	0.00
79) Terphenyl-d14	20.295	244	739014	71.803	ng	0.00
Target Compounds						Qvalue
3) Pyridine	4.096	79	4174	2.171	ng	# 94
15) Benzyl Alcohol	8.603	79	25446	10.046	ng	# 64
17) 2-Methylphenol	8.773	107	97702	57.941	ng	92
20) 3+4-Methylphenols	9.114	107	14933	6.379	ng	87
22) Acetophenone	9.184	105	21413	6.589	ng	# 93
31) Naphthalene	11.241	128	22776	3.946	ng	# 91
32) Benzoic acid	10.354	122	56075	39.931	ng	# 31
35) Caprolactam	12.151	113	2564	3.982	ng	97
48) 2-Nitroaniline	14.079	65	3559	2.397	ng	# 41
60) Diethylphthalate	15.747	149	15432	2.408	ng	96
67) 4-Bromophenyl-phenylether	16.464	248	8213	5.111	ng	# 1
71) Phenanthrene	17.762	178	42347	5.568	ng	# 89
75) Fluoranthene	19.748	202	22007	2.413	ng	97
84) Bis(2-ethylhexyl)phtha...	21.852	149	12218	2.062	ng	# 97

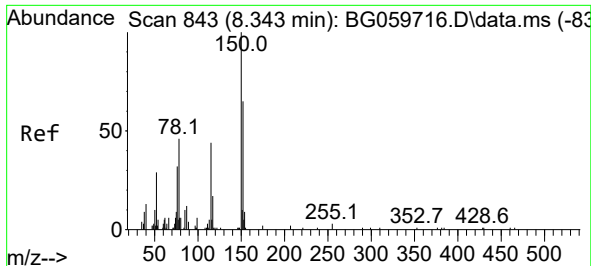
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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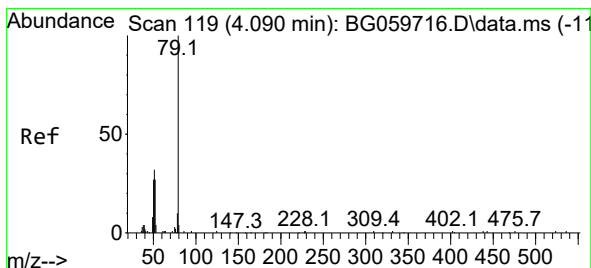
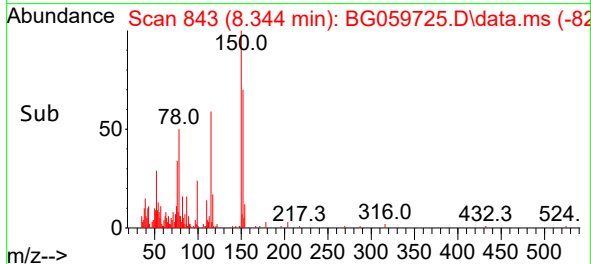
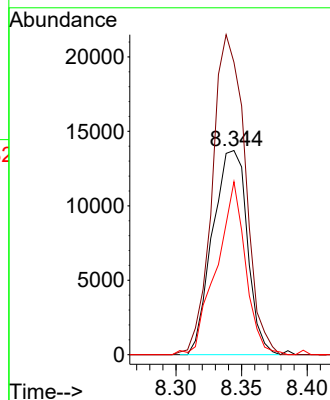
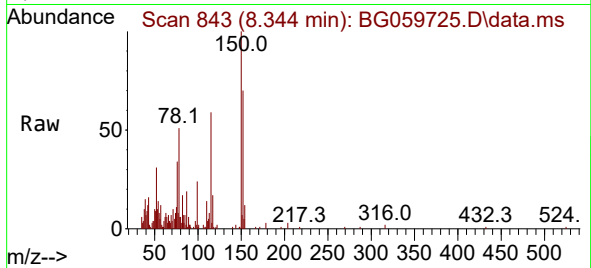




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

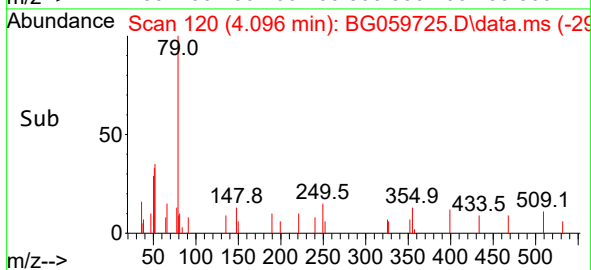
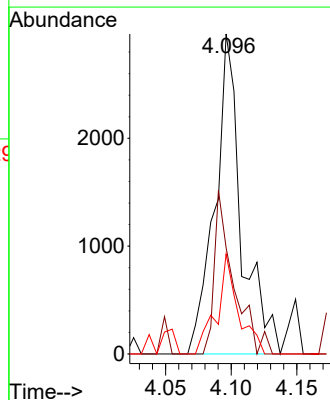
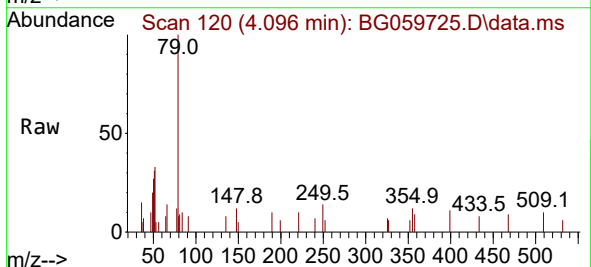
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BNA_G
ClientSampleId :
RD-SW-01-20231103

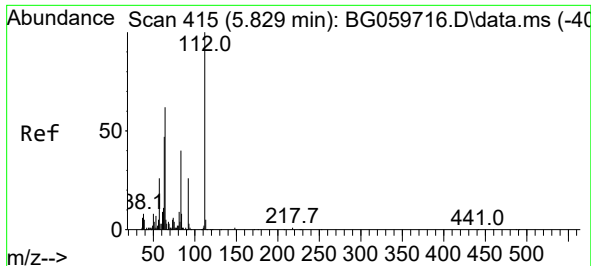
Tgt Ion:152 Resp: 25229
Ion Ratio Lower Upper
152 100
150 143.1 122.2 183.4
115 84.7 54.2 81.4#



#3
Pyridine
Concen: 2.171 ng
RT: 4.096 min Scan# 120
Delta R.T. 0.007 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 79 Resp: 4174
Ion Ratio Lower Upper
79 100
52 33.2 21.6 32.4#
51 31.3 25.3 37.9

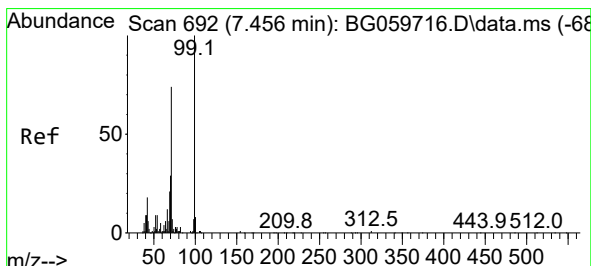
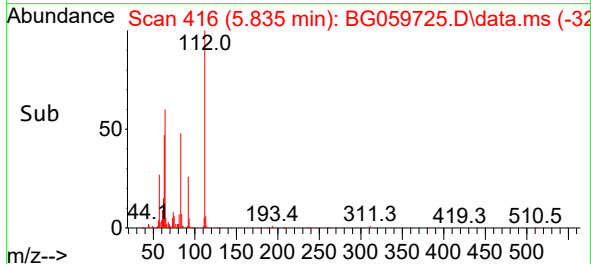
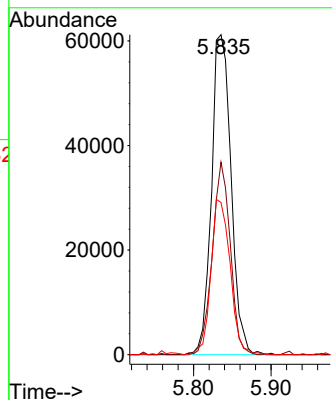
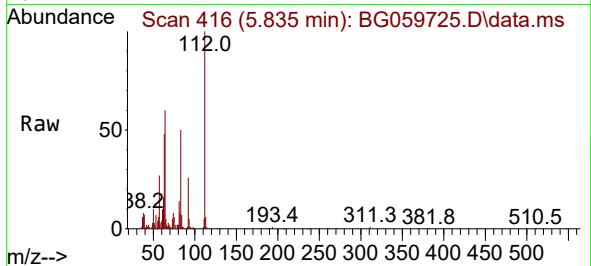




#5
2-Fluorophenol
Concen: 71.780 ng
RT: 5.835 min Scan# 415
Delta R.T. 0.007 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

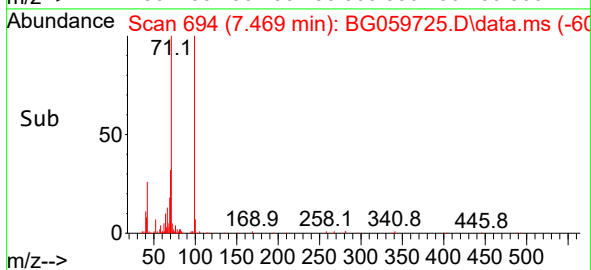
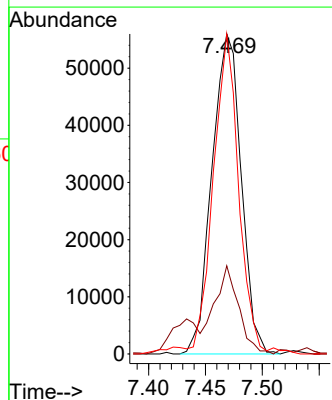
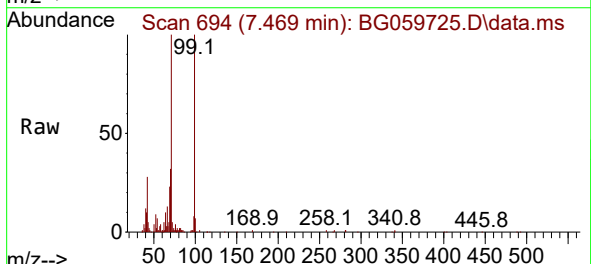
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

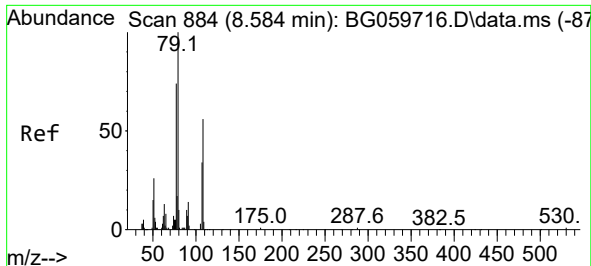
Tgt Ion:112 Resp: 107593
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 47.6 37.4 56.2



#7
Phenol-d6
Concen: 45.114 ng
RT: 7.469 min Scan# 694
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 99 Resp: 100209
Ion Ratio Lower Upper
99 100
42 27.6 14.3 21.5#
71 99.9 59.3 88.9#

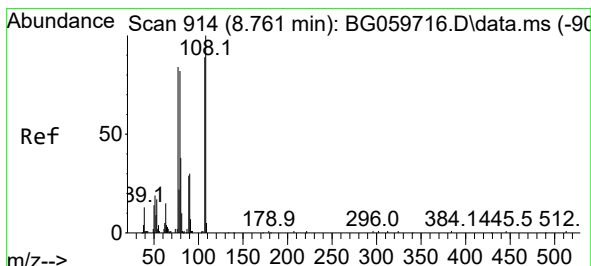
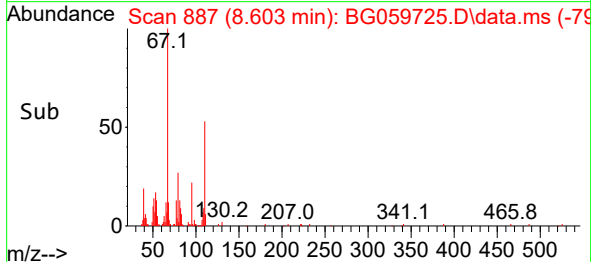
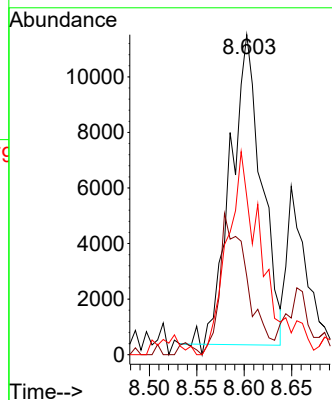
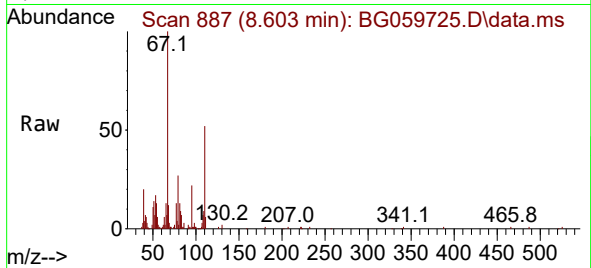




#15
Benzyl Alcohol
Concen: 10.046 ng
RT: 8.603 min Scan# 81
Delta R.T. 0.018 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

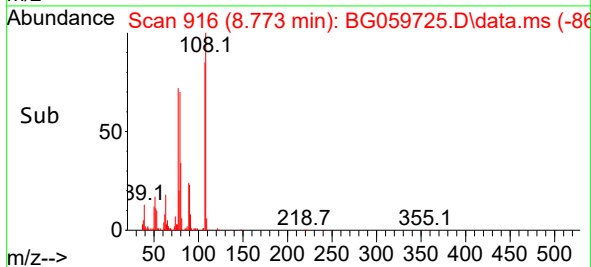
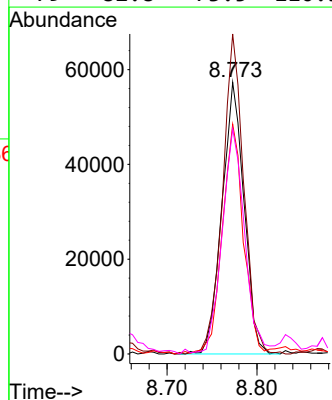
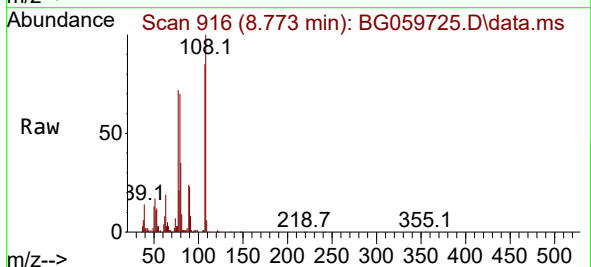
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

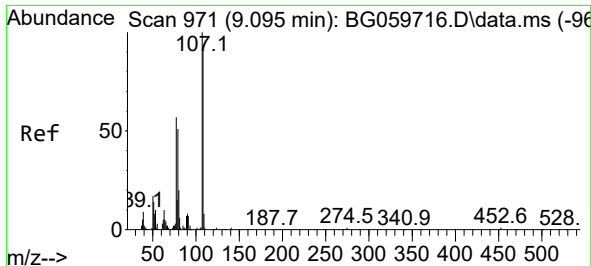
Tgt Ion: 79 Resp: 25446
Ion Ratio Lower Upper
79 100
108 24.5 45.4 68.2#
77 49.4 59.4 89.2#



#17
2-Methylphenol
Concen: 57.941 ng
RT: 8.773 min Scan# 916
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 107 Resp: 97702
Ion Ratio Lower Upper
107 100
108 117.8 90.0 135.0
77 84.6 76.5 114.7
79 82.8 73.5 110.3

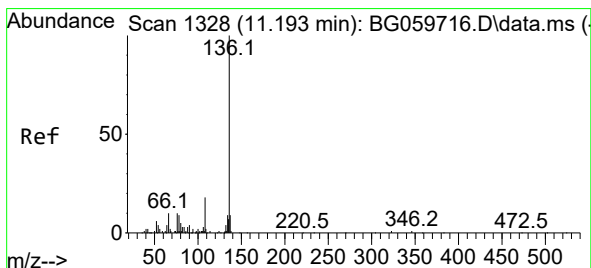
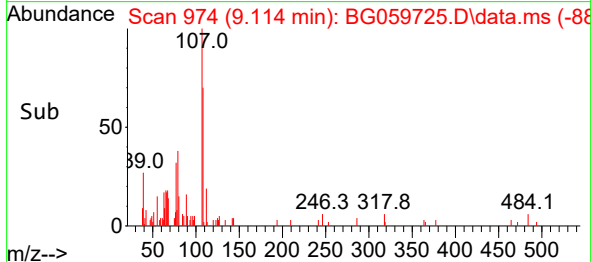
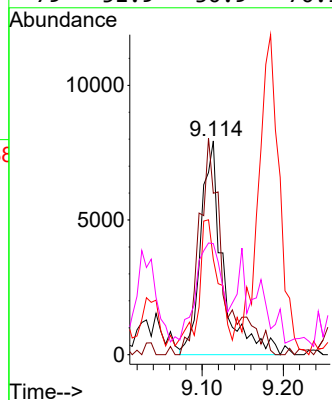
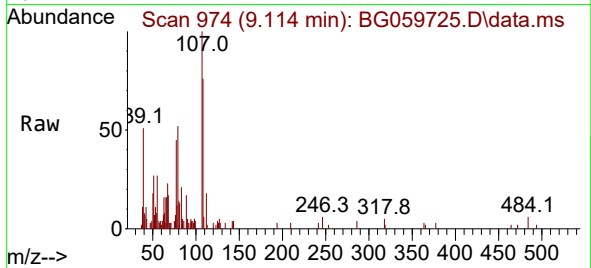




#20
3+4-Methylphenols
Concen: 6.379 ng
RT: 9.114 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

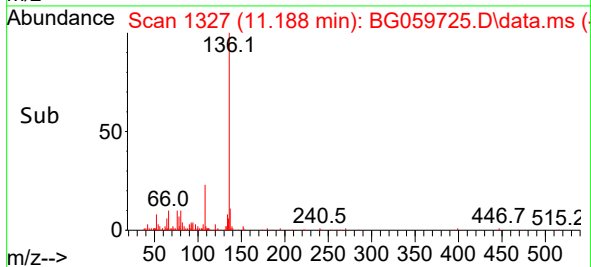
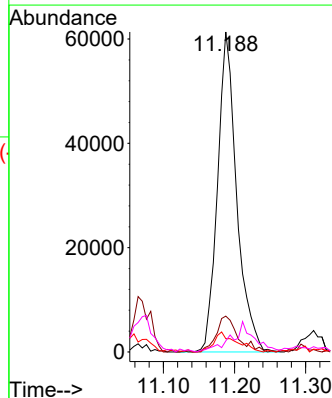
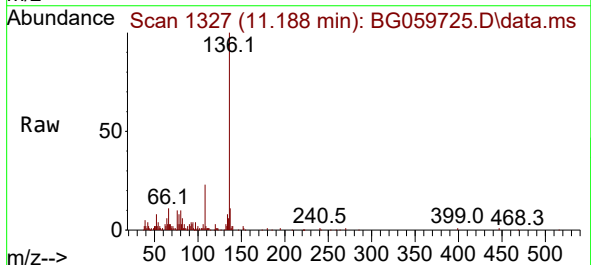
Instrument :
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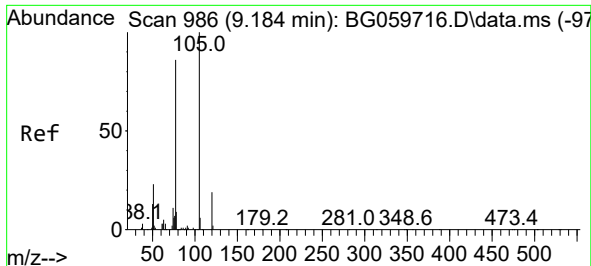
Tgt Ion:107 Resp: 14933
Ion Ratio Lower Upper
107 100
108 75.5 71.1 111.1
77 44.6 37.5 77.5
79 51.9 30.9 70.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:136 Resp: 114791
Ion Ratio Lower Upper
136 100
137 11.2 7.4 11.0#
54 4.2 3.1 4.7
68 3.4 1.8 2.8#

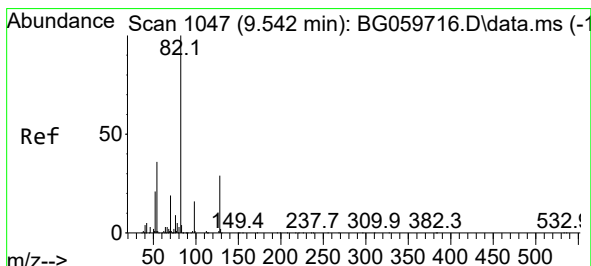
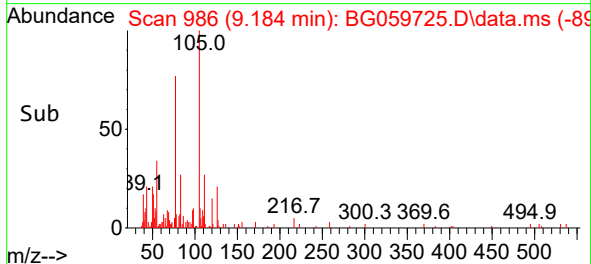
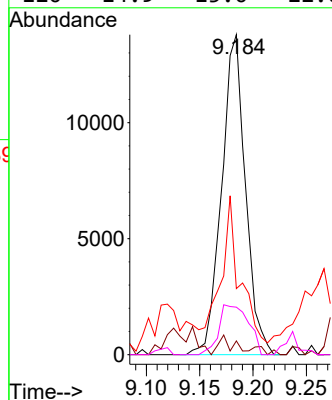
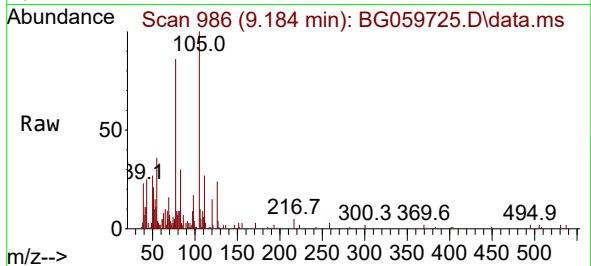




#22
Acetophenone
Concen: 6.589 ng
RT: 9.184 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

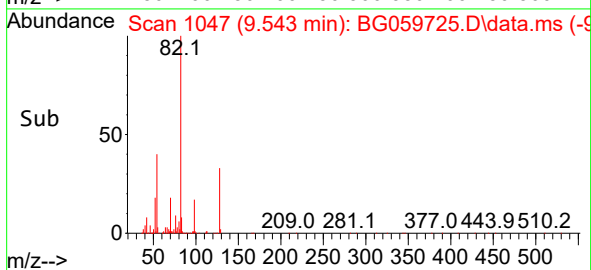
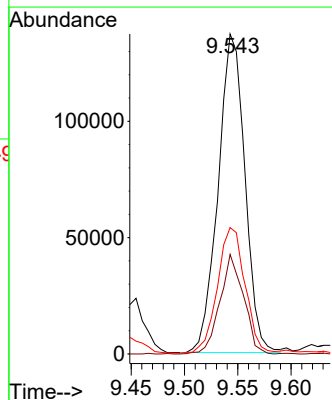
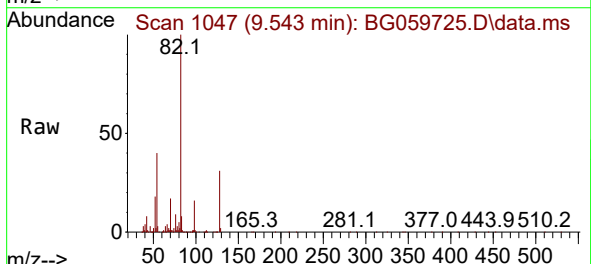
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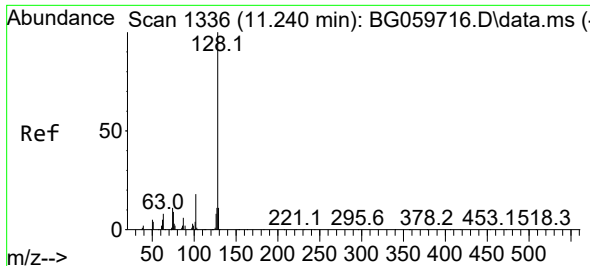
Tgt Ion:105 Resp: 21413
Ion Ratio Lower Upper
105 100
71 4.3 0.0 0.0#
51 20.7 18.4 27.6
120 14.9 15.0 22.6#



#23
Nitrobenzene-d5
Concen: 79.489 ng
RT: 9.543 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion: 82 Resp: 238913
Ion Ratio Lower Upper
82 100
128 31.1 23.0 34.6
54 39.5 28.7 43.1

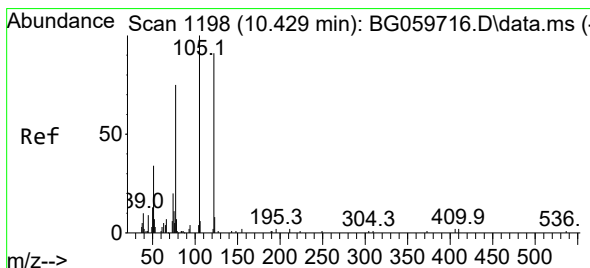
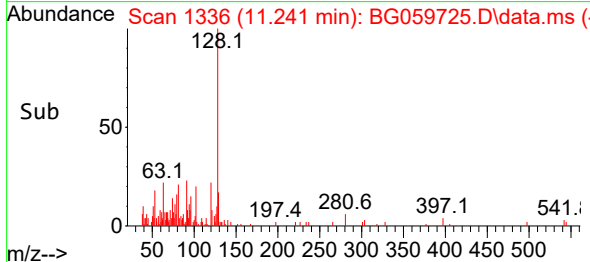
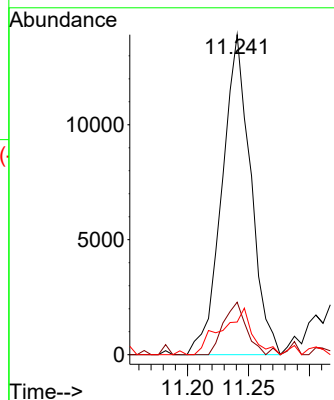
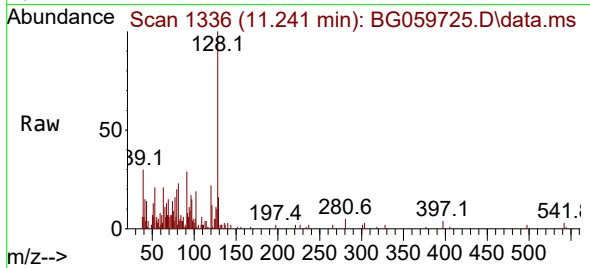




#31
Naphthalene
Concen: 3.946 ng
RT: 11.241 min Scan# 1118
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

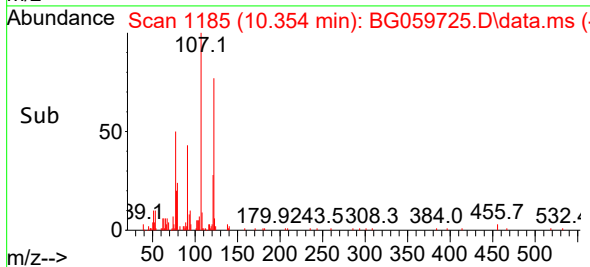
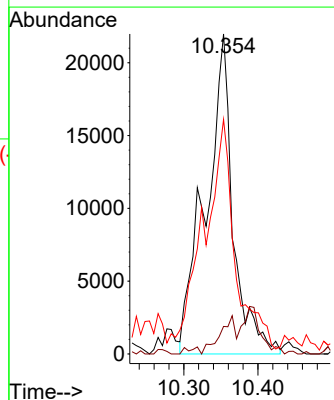
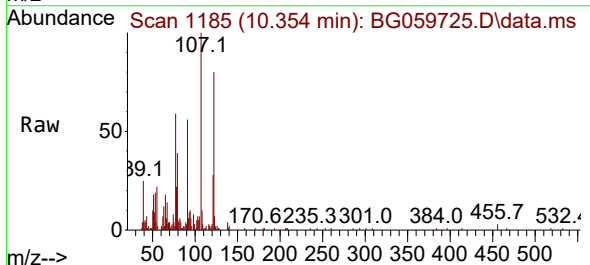
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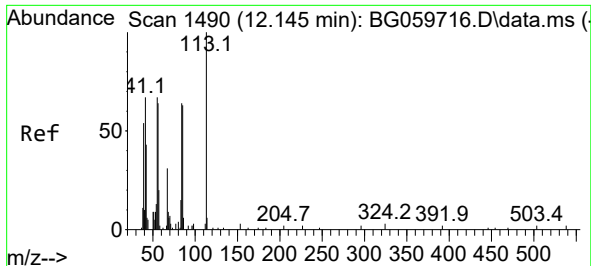
Tgt Ion:128 Resp: 22776
Ion Ratio Lower Upper
128 100
129 16.4 8.7 13.1#
127 10.2 9.2 13.8



#32
Benzoic acid
Concen: 39.931 ng
RT: 10.354 min Scan# 1185
Delta R.T. -0.076 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:122 Resp: 56075
Ion Ratio Lower Upper
122 100
105 8.6 103.7 143.7#
77 73.3 82.3 122.3#

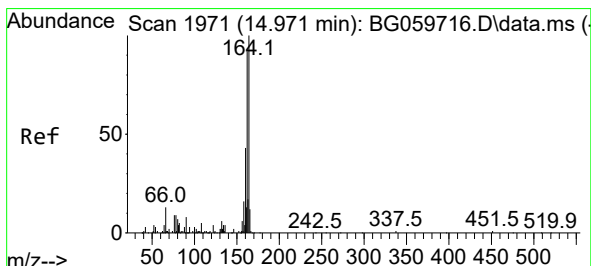
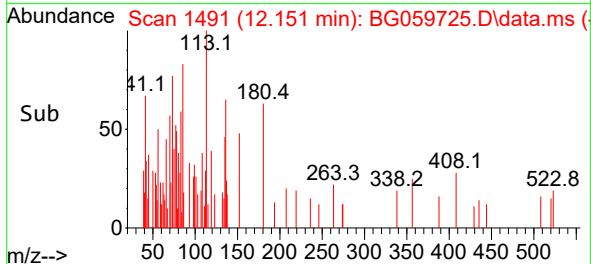
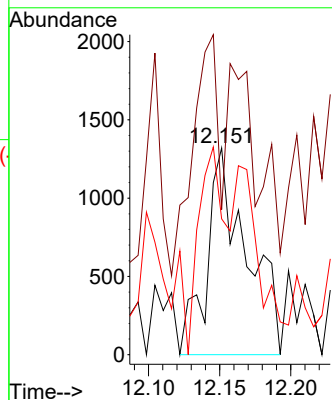
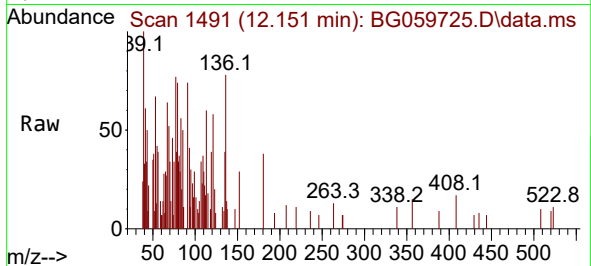




#35
Caprolactam
Concen: 3.982 ng
RT: 12.151 min Scan# 1490
Delta R.T. 0.007 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

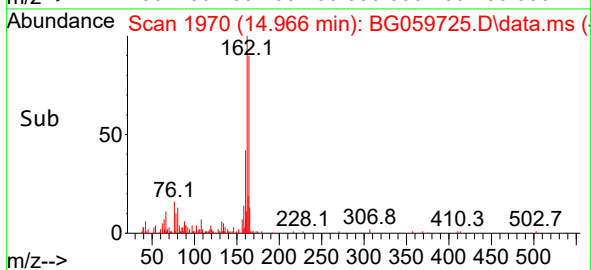
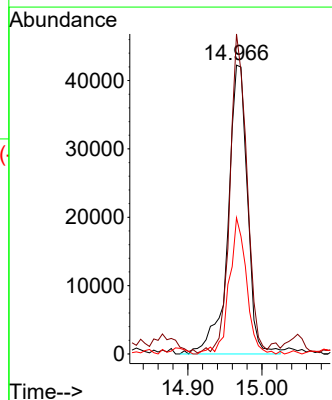
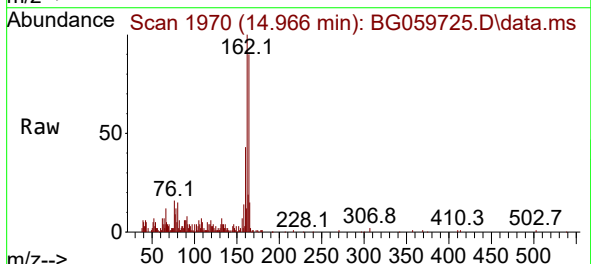
Instrument :
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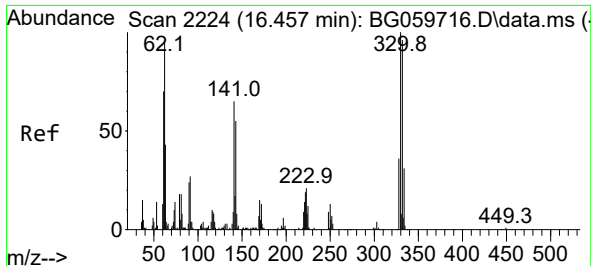
Tgt Ion:113 Resp: 2564
Ion Ratio Lower Upper
113 100
55 70.2 47.1 87.1
56 65.7 43.7 83.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:164 Resp: 77113
Ion Ratio Lower Upper
164 100
162 110.8 73.3 109.9#
160 47.1 34.1 51.1

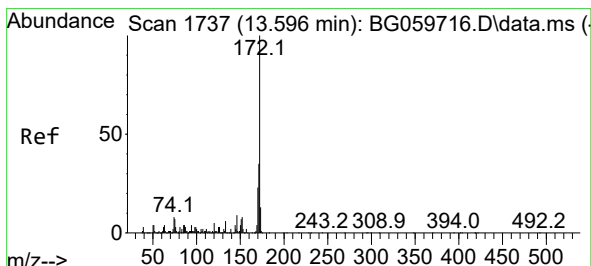
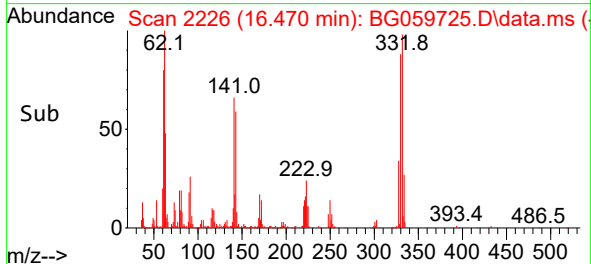
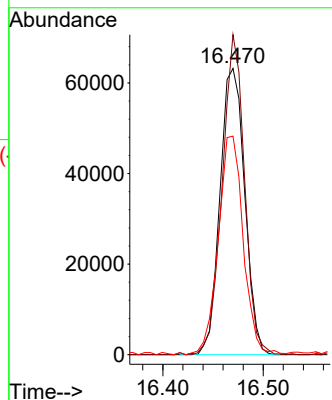
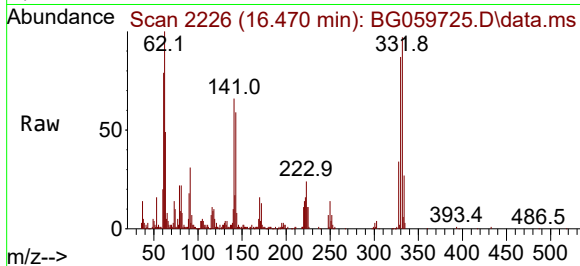




#42
2,4,6-Tribromophenol
Concen: 123.549 ng
RT: 16.470 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

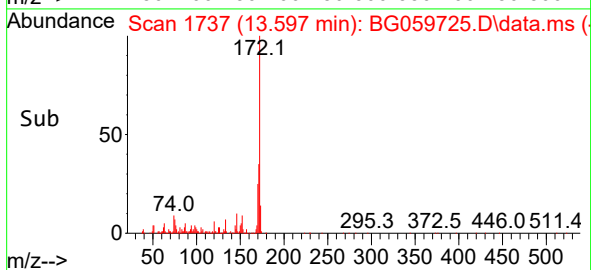
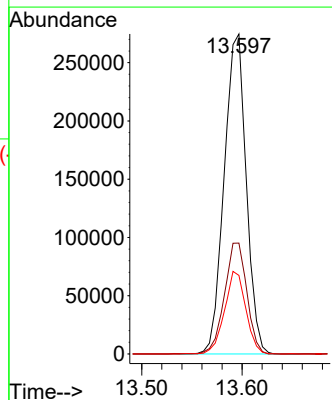
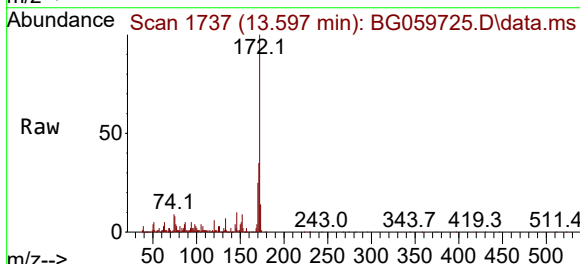
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

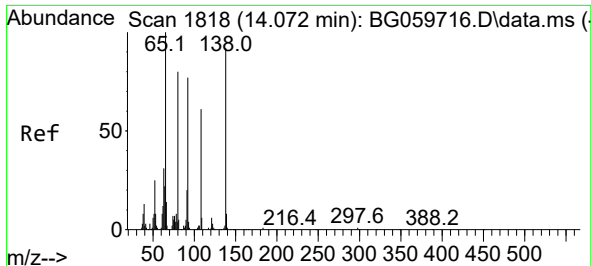
Tgt Ion:330 Resp: 108098
Ion Ratio Lower Upper
330 100
332 100.7 73.3 109.9
141 77.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 73.118 ng
RT: 13.597 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:172 Resp: 418884
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 24.5 18.4 27.6

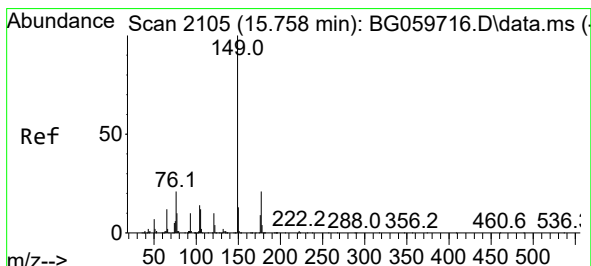
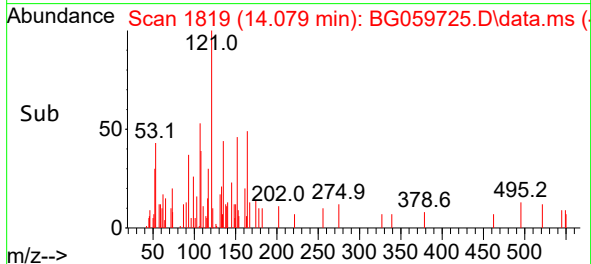
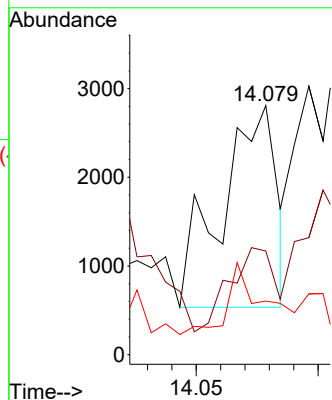
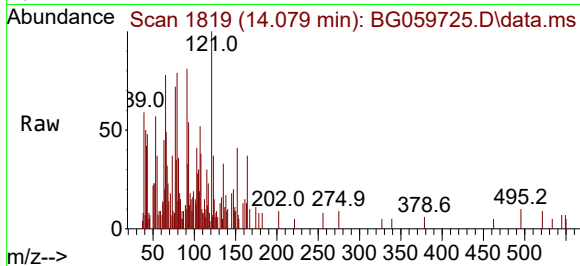




#48
2-Nitroaniline
Concen: 2.397 ng
RT: 14.079 min Scan# 1818
Delta R.T. 0.007 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

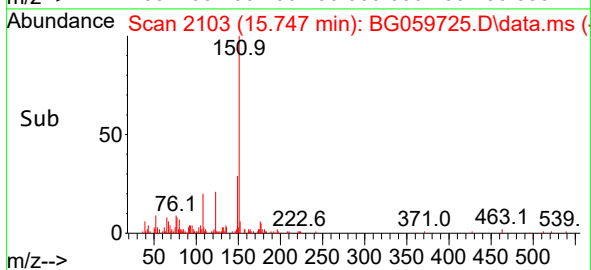
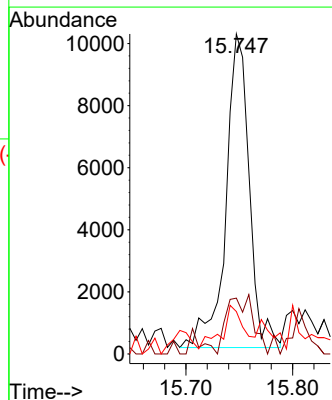
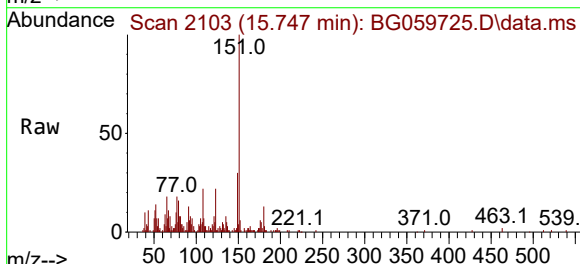
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

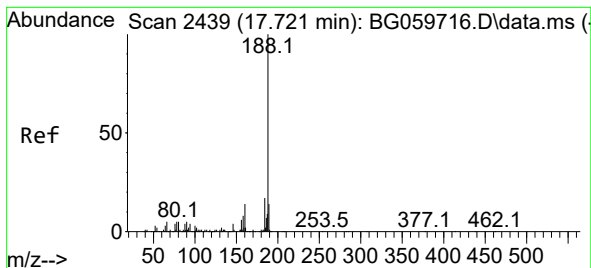
Tgt Ion: 65 Resp: 3559
Ion Ratio Lower Upper
65 100
92 41.6 61.2 91.8#
138 21.5 73.8 110.6#



#60
Diethylphthalate
Concen: 2.408 ng
RT: 15.747 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:149 Resp: 15432
Ion Ratio Lower Upper
149 100
177 17.5 16.6 24.8
150 13.3 10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.721 min Scan# 2439

Delta R.T. 0.001 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

Instrument :

BNA_G

ClientSampleId :

RD-SW-01-20231103

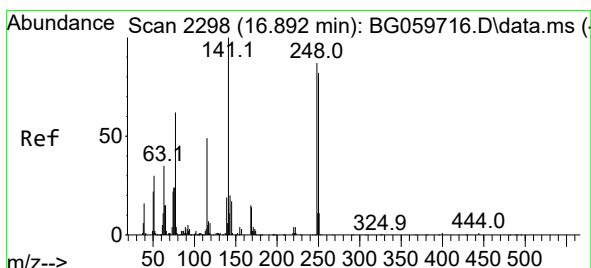
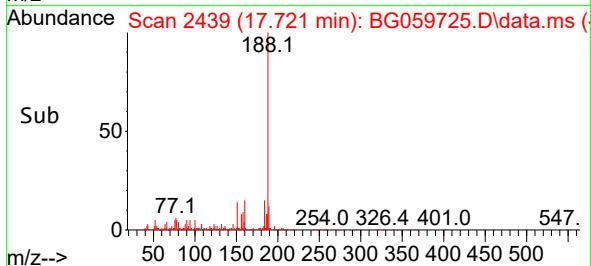
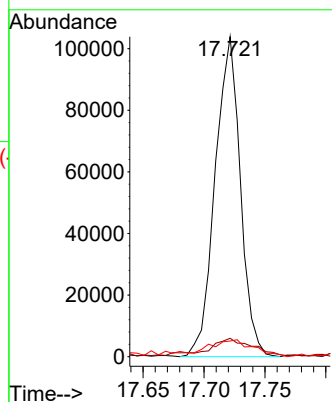
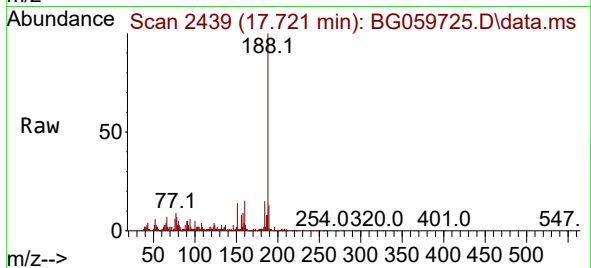
Tgt Ion:188 Resp: 149579

Ion Ratio Lower Upper

188 100

94 5.8 3.0 4.4#

80 4.9 4.2 6.4



#67

4-Bromophenyl-phenylether

Concen: 5.111 ng

RT: 16.464 min Scan# 2225

Delta R.T. -0.428 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

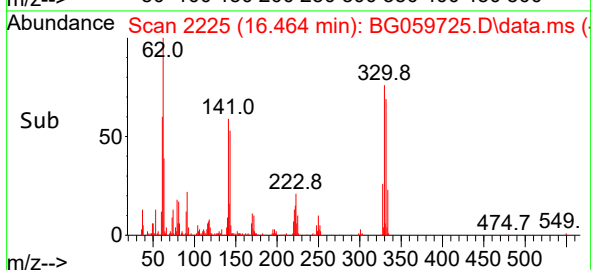
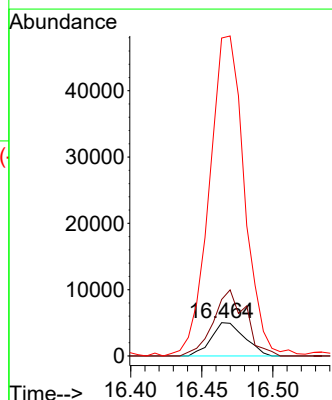
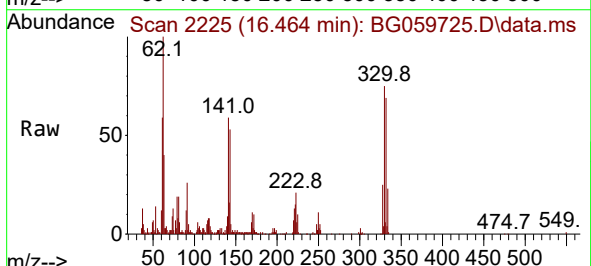
Tgt Ion:248 Resp: 8213

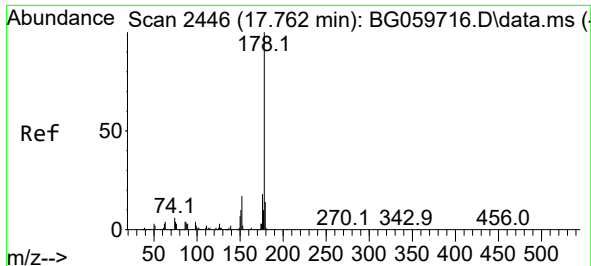
Ion Ratio Lower Upper

248 100

250 169.8 75.2 112.8#

141 955.9 91.5 137.3#

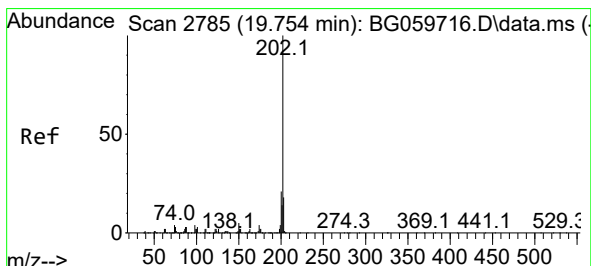
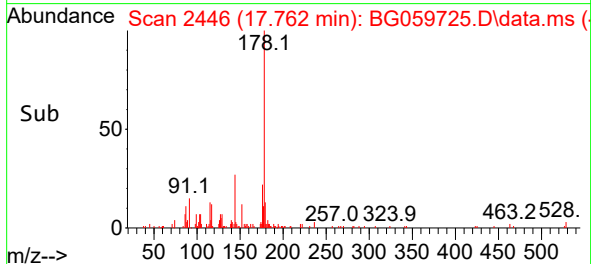
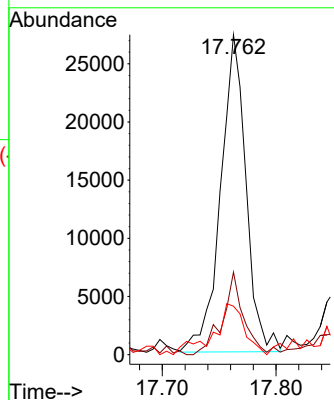
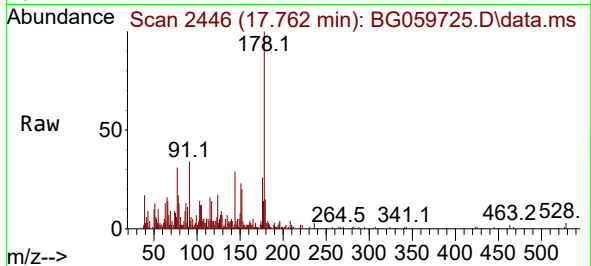




#71
Phenanthrene
Concen: 5.568 ng
RT: 17.762 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

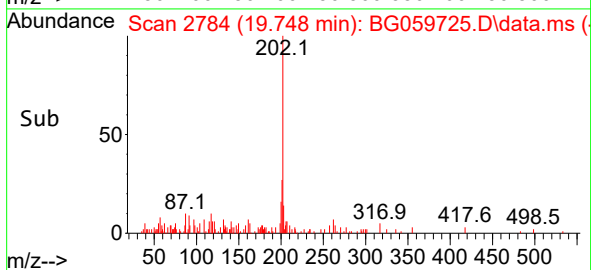
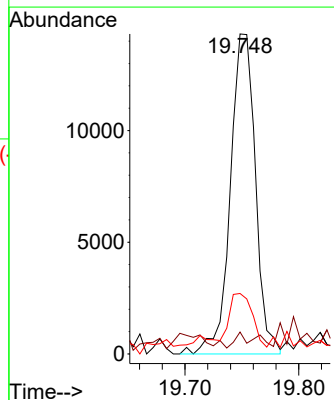
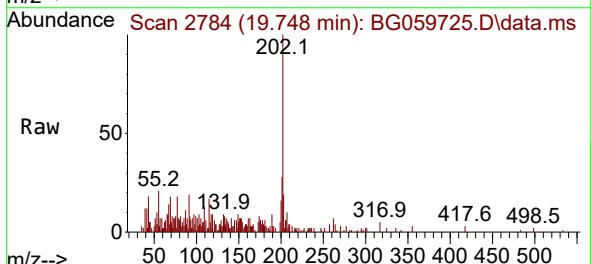
Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

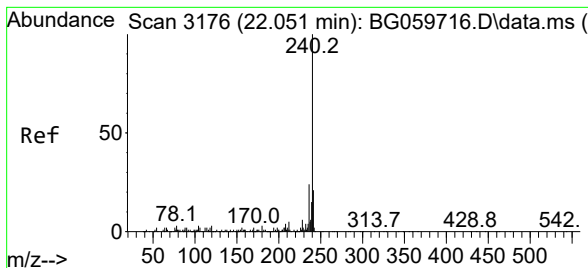
Tgt Ion:178 Resp: 42347
Ion Ratio Lower Upper
178 100
176 25.8 14.5 21.7#
179 15.1 11.2 16.8



#75
Fluoranthene
Concen: 2.413 ng
RT: 19.748 min Scan# 2784
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:202 Resp: 22007
Ion Ratio Lower Upper
202 100
101 6.8 0.0 22.7
203 18.9 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.046 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

Instrument :

BNA_G

ClientSampleId :

RD-SW-01-20231103

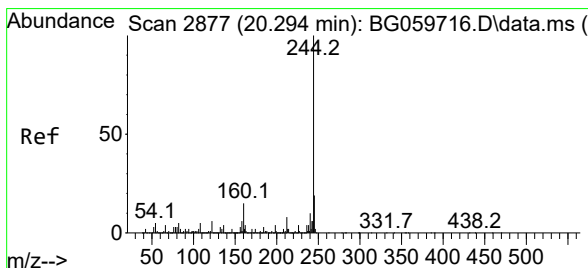
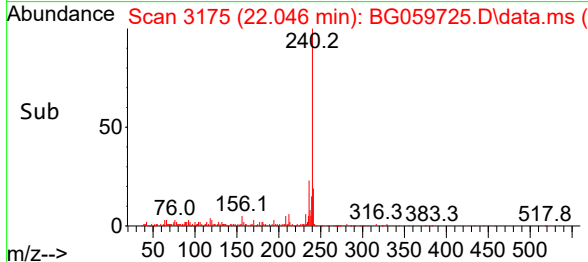
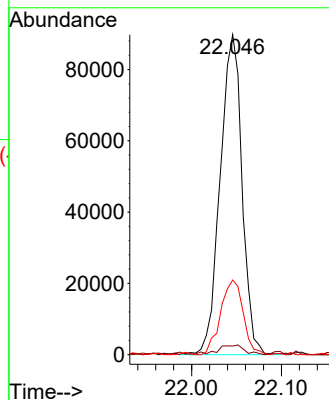
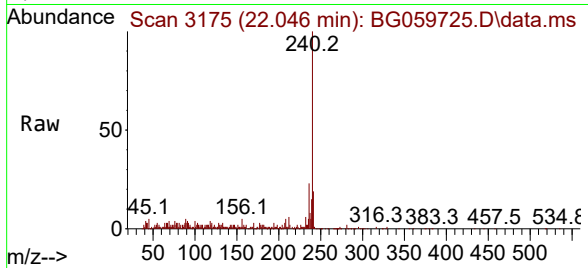
Tgt Ion:240 Resp: 151940

Ion Ratio Lower Upper

240 100

120 2.7 2.2 3.2

236 23.4 19.4 29.2



#79

Terphenyl-d14

Concen: 71.803 ng

RT: 20.295 min Scan# 2877

Delta R.T. 0.001 min

Lab File: BG059725.D

Acq: 16 Nov 2023 19:36

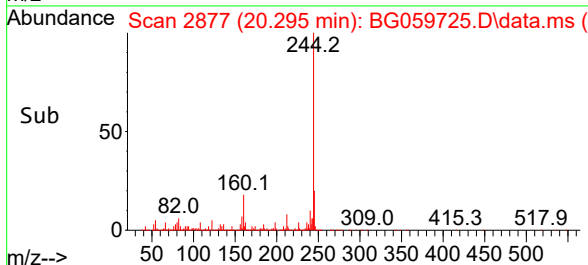
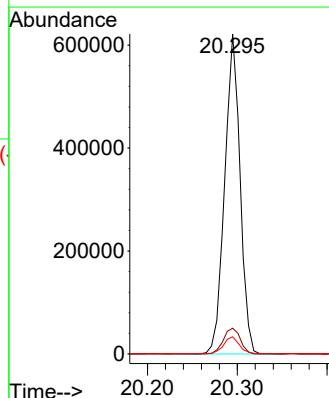
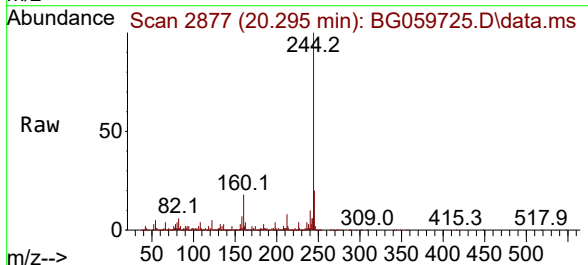
Tgt Ion:244 Resp: 739014

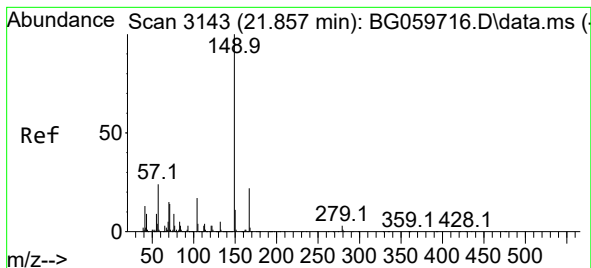
Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

122 5.4 4.4 6.6

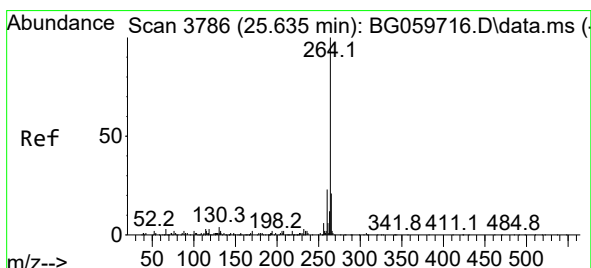
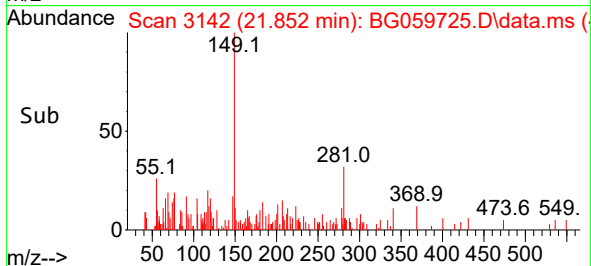
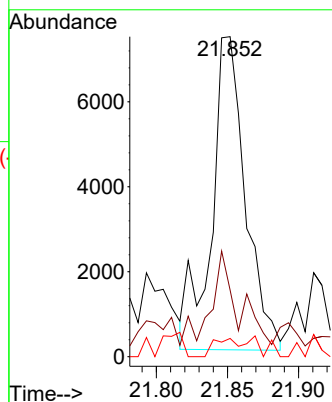
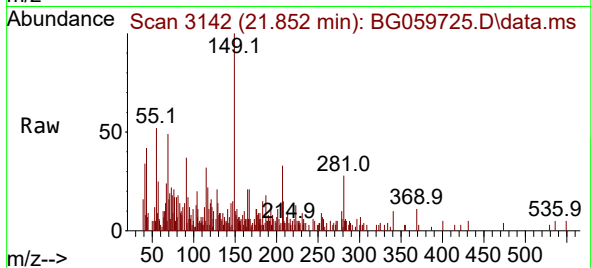




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.062 ng
RT: 21.852 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Instrument :
BNA_G
ClientSampleId :
RD-SW-01-20231103

Tgt Ion:149 Resp: 12218
Ion Ratio Lower Upper
149 100
167 20.8 17.6 26.4
279 5.7 2.7 4.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.636 min Scan# 3786
Delta R.T. 0.001 min
Lab File: BG059725.D
Acq: 16 Nov 2023 19:36

Tgt Ion:264 Resp: 210578
Ion Ratio Lower Upper
264 100
260 17.4 18.5 27.7#
265 13.4 17.0 25.6#

