

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060665.D
 Acq On : 15 Mar 2024 16:08
 Operator : MA/JU
 Sample : P1769-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Mar 15 16:44:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

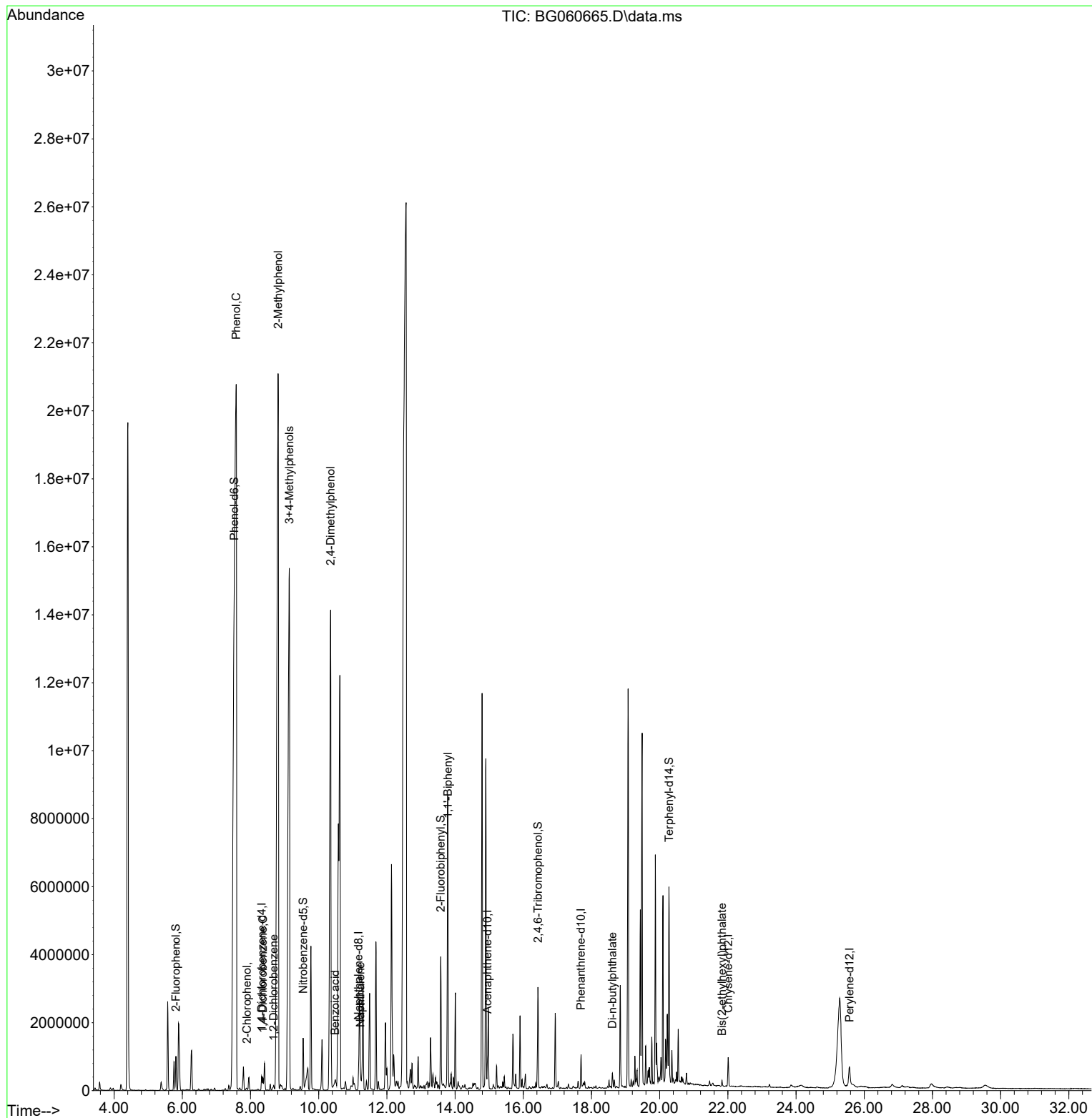
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	111228	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	491090	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	310204	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	606327	20.000	ng	0.00
76) Chrysene-d12	22.013	240	535877	20.000	ng	-0.01
86) Perylene-d12	25.568	264	628584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	426037	60.212	ng	0.00
7) Phenol-d6	7.524	99	303593	29.579	ng	0.09
23) Nitrobenzene-d5	9.545	82	909377	96.372	ng	0.02
42) 2,4,6-Tribromophenol	16.432	330	545265	151.689	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	1993597	86.892	ng	0.00
79) Terphenyl-d14	20.274	244	2728668	92.039	ng	0.00
Target Compounds						
8) 2-Chlorophenol	7.894	128	17949	2.321	ng	Qvalue 94
10) Phenol	7.583	94	22490061	2183.774	ng	# 30
13) 1,4-Dichlorobenzene	8.364	146	143577	16.981	ng	99
14) 1,2-Dichlorobenzene	8.682	146	45949	5.472	ng	98
17) 2-Methylphenol	8.811	107	10129037	1280.842	ng	# 79
20) 3+4-Methylphenols	9.140	107	10241086	960.190	ng	# 83
27) 2,4-Dimethylphenol	10.350	122	5375049	643.019	ng	95
31) Naphthalene	11.226	128	155708	5.677	ng	100
32) Benzoic acid	10.486	122	171851	33.381	ng	99
46) 1,1'-Biphenyl	13.793	154	463761	19.668	ng	98
74) Di-n-butylphthalate	18.611	149	185777	5.309	ng	98
84) Bis(2-ethylhexyl)phtha...	21.831	149	72322	3.463	ng	# 97

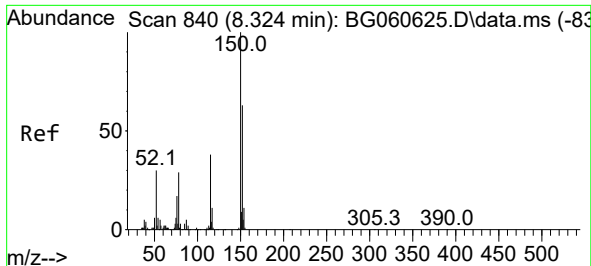
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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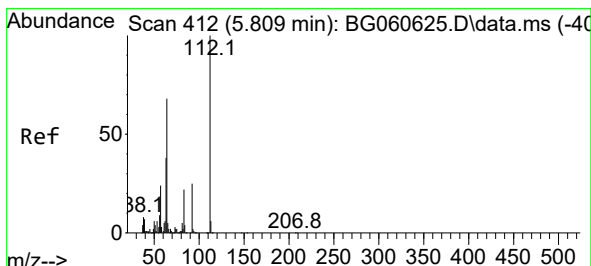
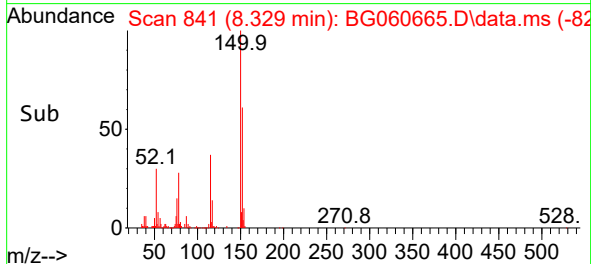
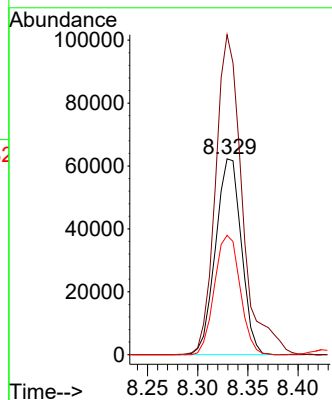
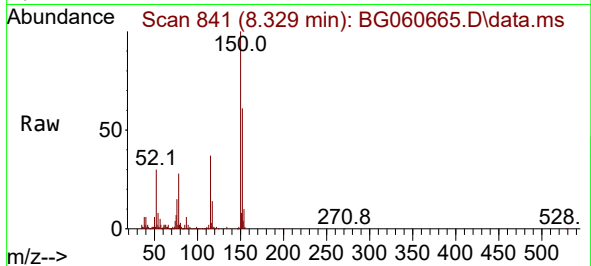




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.329 min Scan# 841
 Delta R.T. 0.005 min
 Lab File: BG060665.D
 Acq: 15 Mar 2024 16:08

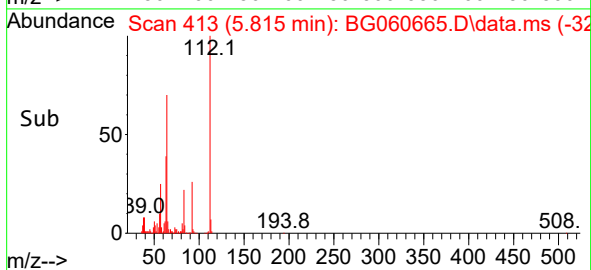
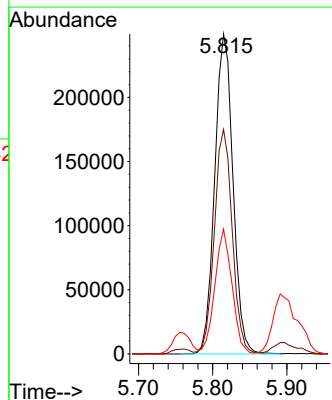
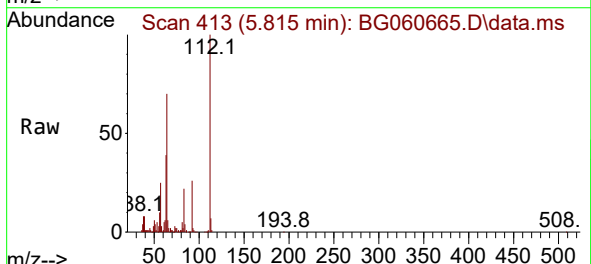
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

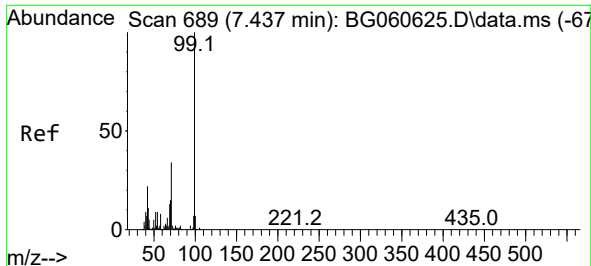
Tgt Ion:152 Resp: 111228
 Ion Ratio Lower Upper
 152 100
 150 163.4 126.6 190.0
 115 61.0 47.8 71.8



#5
 2-Fluorophenol
 Concen: 60.212 ng
 RT: 5.815 min Scan# 413
 Delta R.T. 0.005 min
 Lab File: BG060665.D
 Acq: 15 Mar 2024 16:08

Tgt Ion:112 Resp: 426037
 Ion Ratio Lower Upper
 112 100
 64 70.1 54.1 81.1
 63 39.0 30.3 45.5





#7

Phenol-d6

Concen: 29.579 ng

RT: 7.524 min Scan# 704

Delta R.T. 0.088 min

Lab File: BG060665.D

Acq: 15 Mar 2024 16:08

Instrument :

BNA_G

ClientSampleId :

MW-2

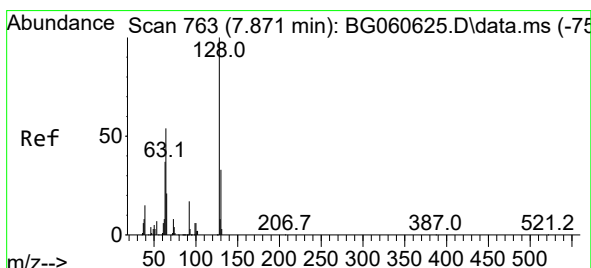
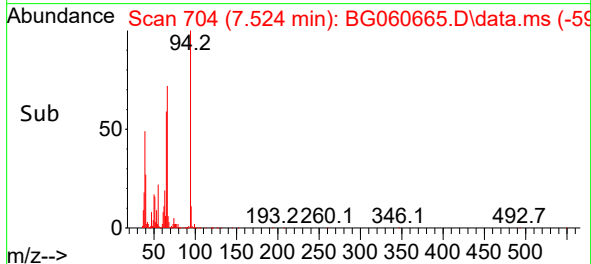
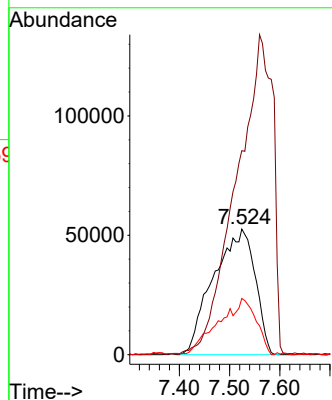
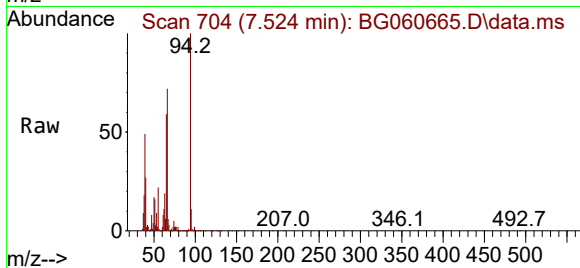
Tgt Ion: 99 Resp: 303593

Ion Ratio Lower Upper

99 100

42 162.5 17.5 26.3#

71 44.7 27.4 41.0#



#8

2-Chlorophenol

Concen: 2.321 ng

RT: 7.894 min Scan# 767

Delta R.T. 0.023 min

Lab File: BG060665.D

Acq: 15 Mar 2024 16:08

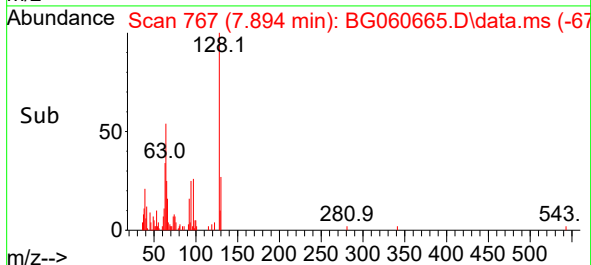
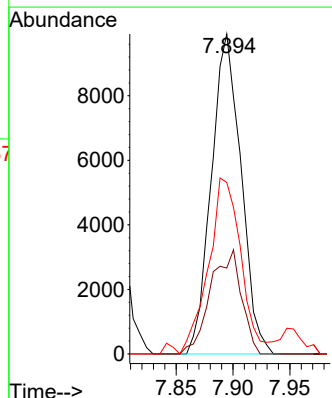
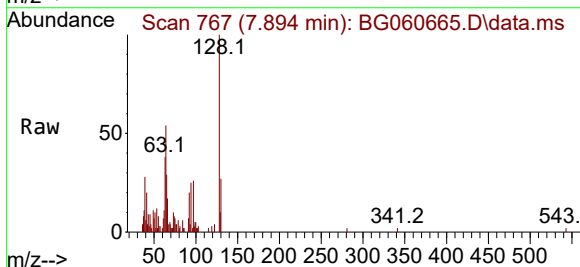
Tgt Ion:128 Resp: 17949

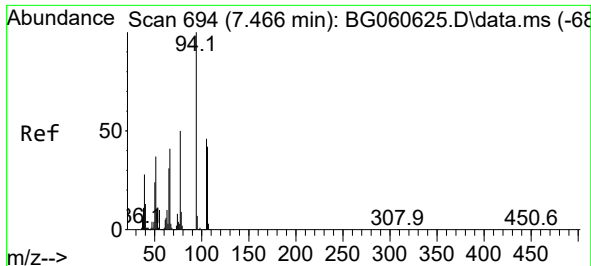
Ion Ratio Lower Upper

128 100

130 26.9 13.2 53.2

64 53.6 35.8 75.8

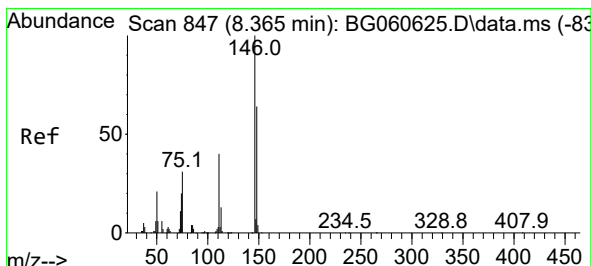
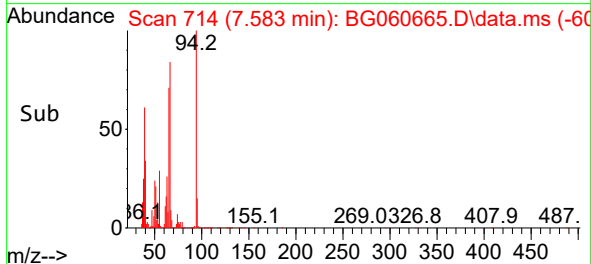
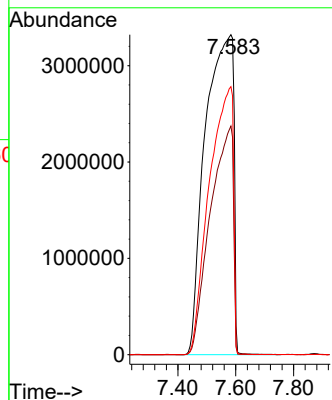
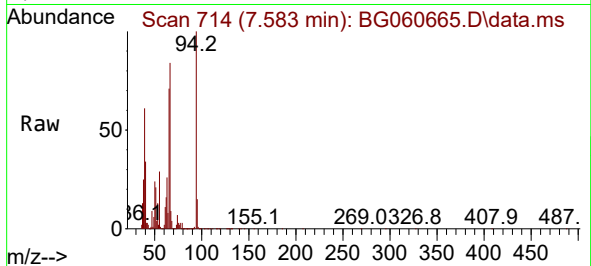




#10
Phenol
Concen: 2183.774 ng
RT: 7.583 min Scan# 714
Delta R.T. 0.117 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

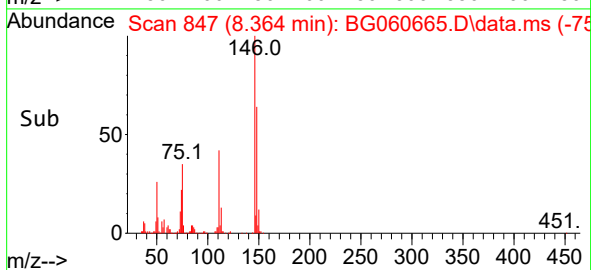
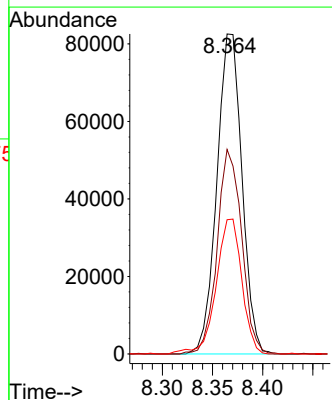
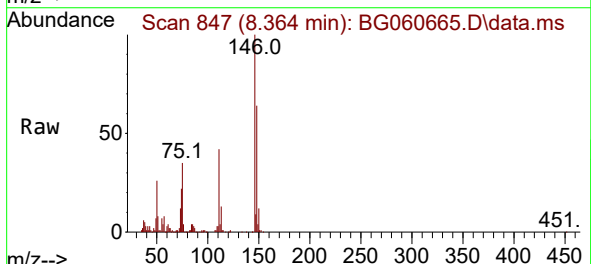
Instrument :
BNA_G
ClientSampleId :
MW-2

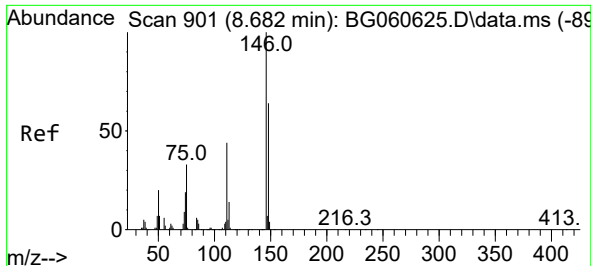
Tgt Ion: 94 Resp:22490061
Ion Ratio Lower Upper
94 100
65 71.5 11.2 51.2#
66 83.7 21.0 61.0#



#13
1,4-Dichlorobenzene
Concen: 16.981 ng
RT: 8.364 min Scan# 847
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:146 Resp: 143577
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 42.0 32.2 48.2

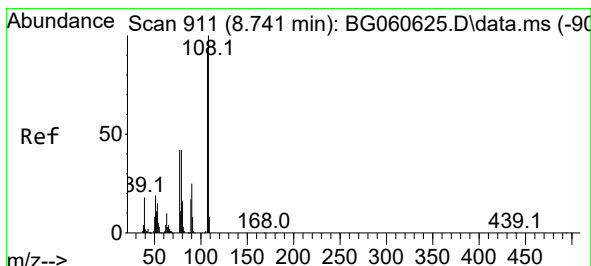
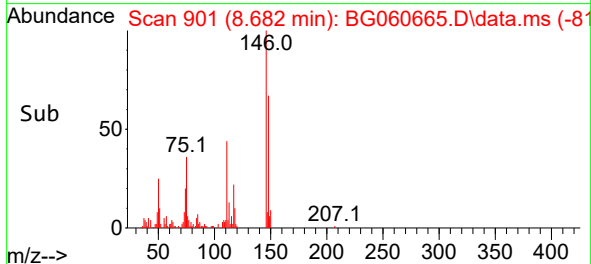
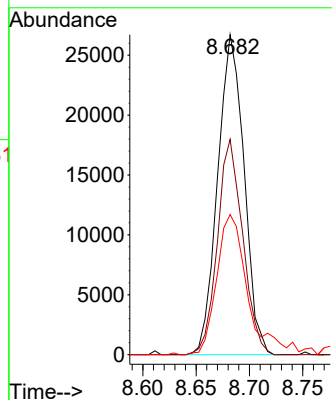
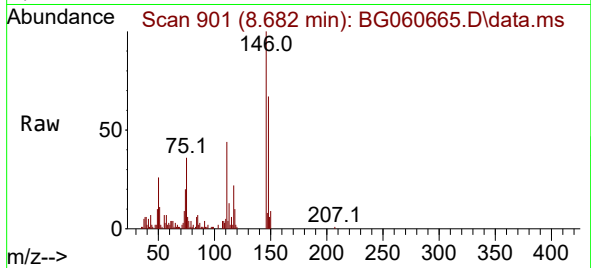




#14
1,2-Dichlorobenzene
Concen: 5.472 ng
RT: 8.682 min Scan# 901
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

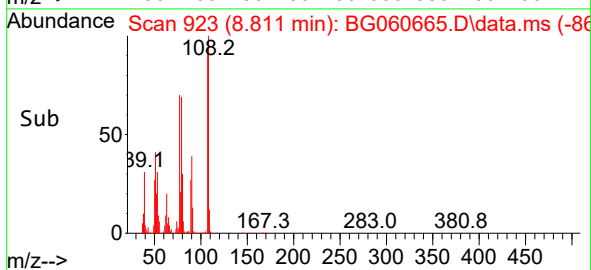
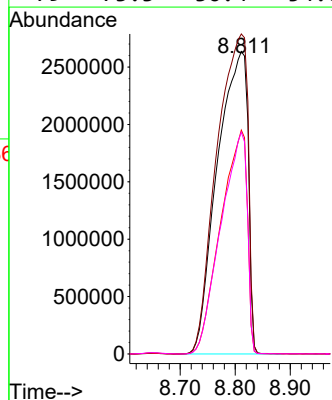
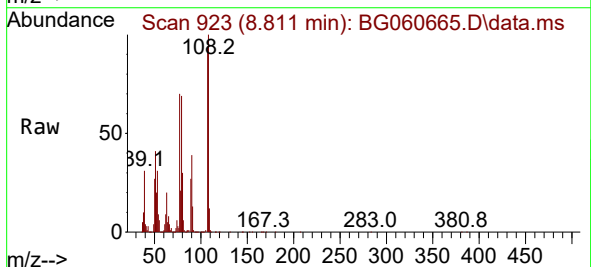
Instrument :
BNA_G
ClientSampleId :
MW-2

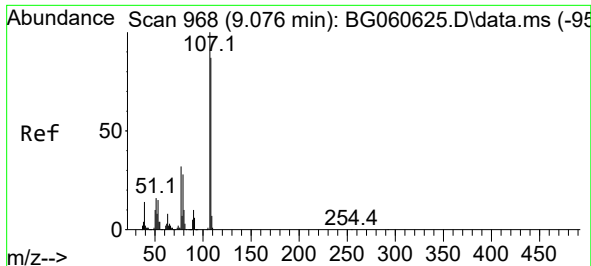
Tgt Ion:146 Resp: 45949
Ion Ratio Lower Upper
146 100
148 67.3 51.8 77.6
111 43.8 35.5 53.3



#17
2-Methylphenol
Concen: 1280.842 ng
RT: 8.811 min Scan# 923
Delta R.T. 0.070 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:107 Resp:10129037
Ion Ratio Lower Upper
107 100
108 105.8 87.4 131.2
77 74.0 37.0 55.6#
79 73.3 36.4 54.6#

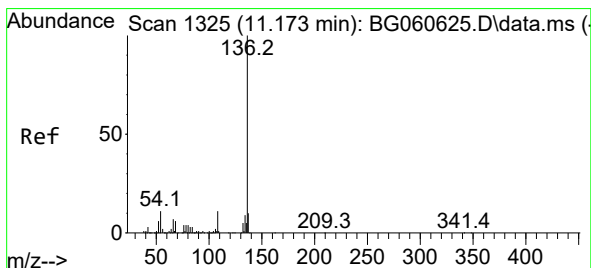
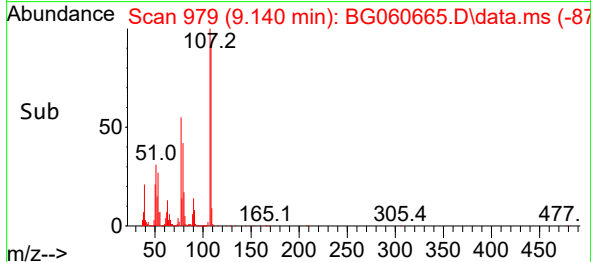
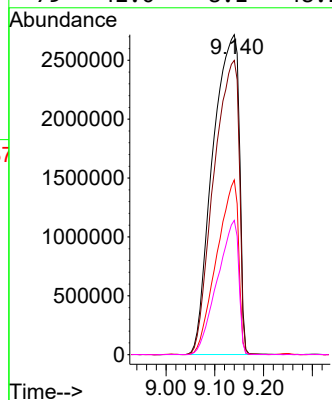
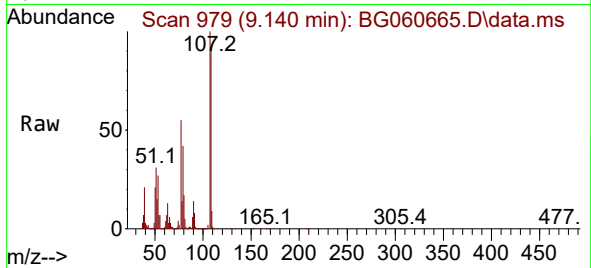




#20
3+4-Methylphenols
Concen: 960.190 ng
RT: 9.140 min Scan# 91
Delta R.T. 0.064 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

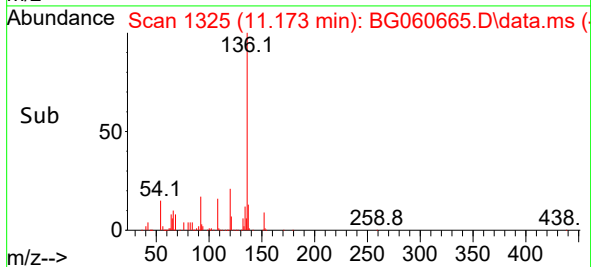
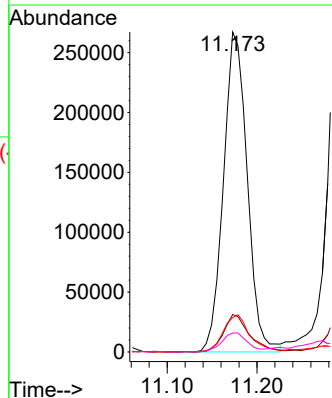
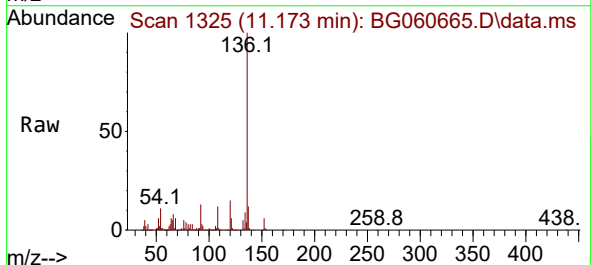
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ClientSampleId :
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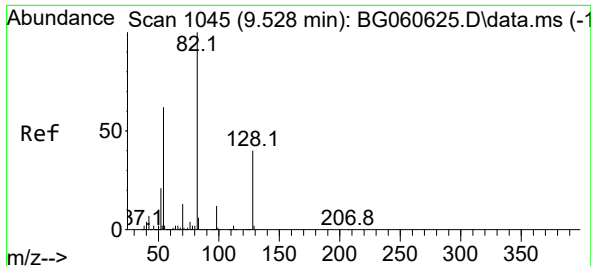
Tgt Ion:107 Resp:10241086
Ion Ratio Lower Upper
107 100
108 92.0 66.8 106.8
77 54.6 12.4 52.4#
79 42.0 8.1 48.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:136 Resp: 491090
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 10.8 8.5 12.7
68 5.9 5.0 7.6

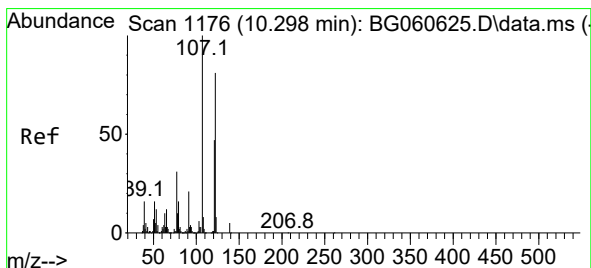
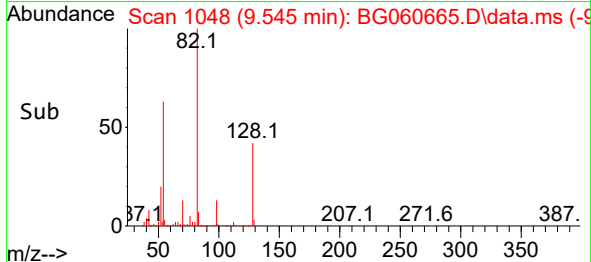
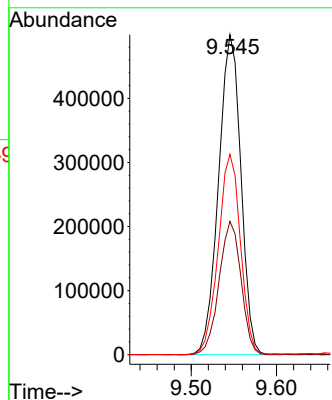
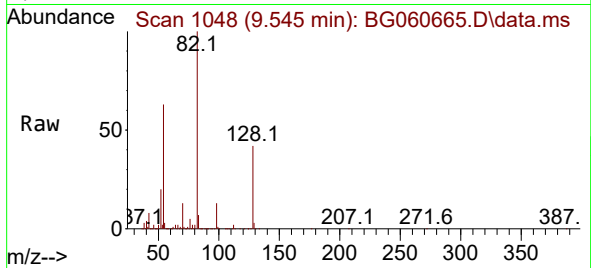




#23
Nitrobenzene-d5
Concen: 96.372 ng
RT: 9.545 min Scan# 1045
Delta R.T. 0.017 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

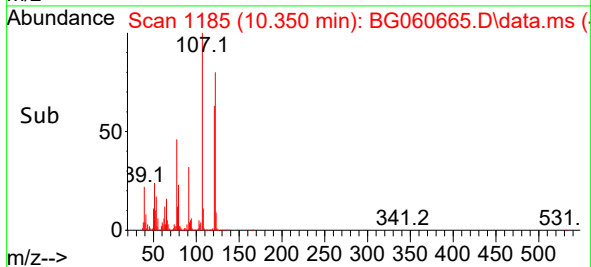
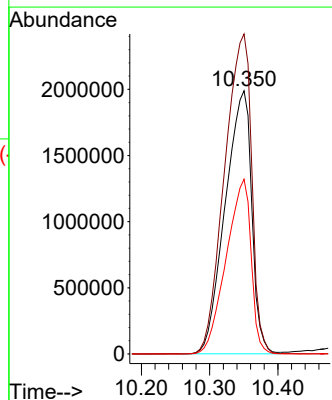
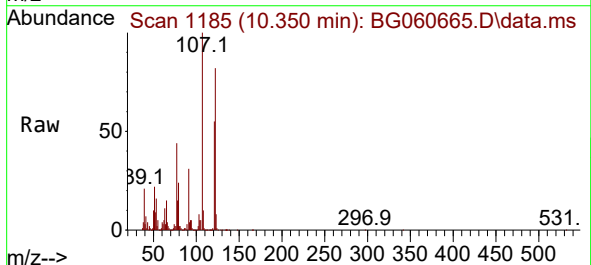
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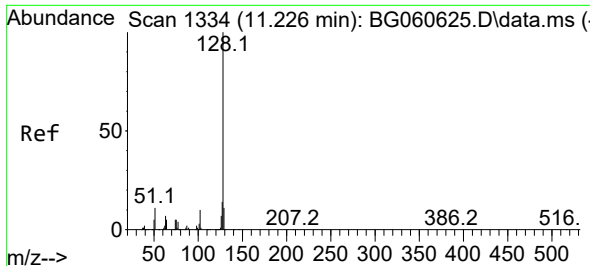
Tgt Ion: 82 Resp: 909377
Ion Ratio Lower Upper
82 100
128 41.7 31.6 47.4
54 62.6 49.3 73.9



#27
2,4-Dimethylphenol
Concen: 643.019 ng
RT: 10.350 min Scan# 1185
Delta R.T. 0.052 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:122 Resp: 5375049
Ion Ratio Lower Upper
122 100
107 121.6 99.3 148.9
121 66.4 47.1 70.7

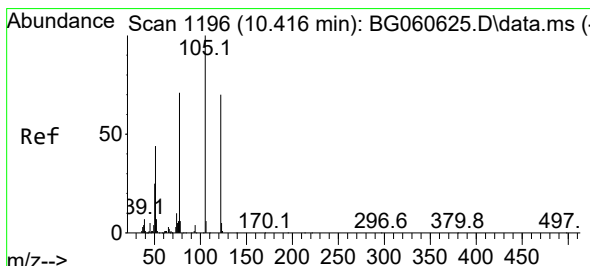
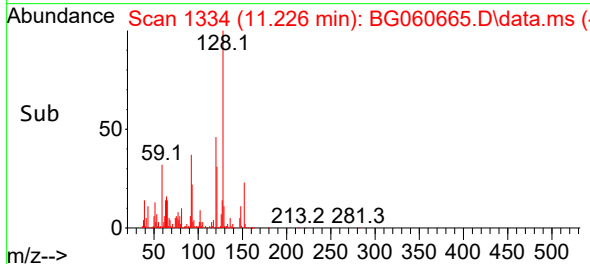
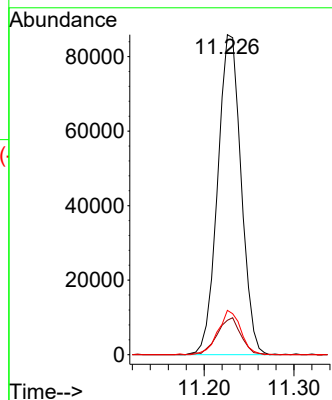
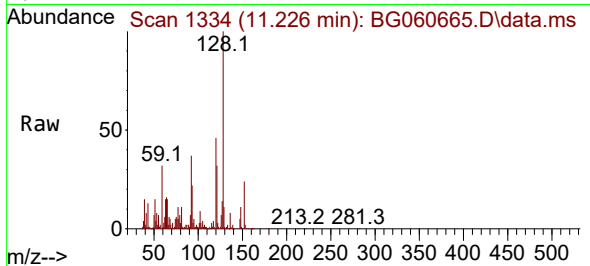




#31
Naphthalene
Concen: 5.677 ng
RT: 11.226 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

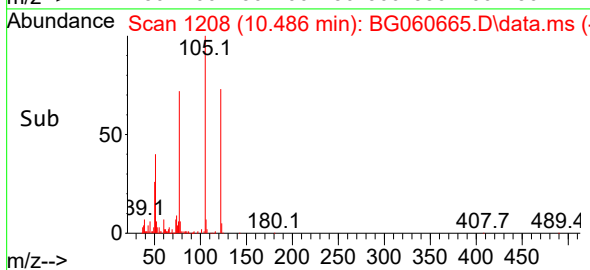
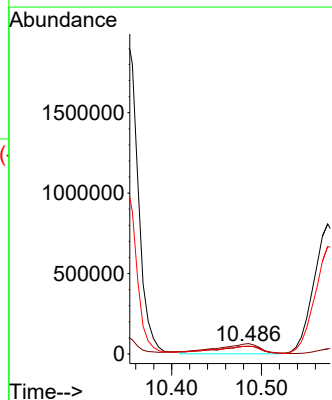
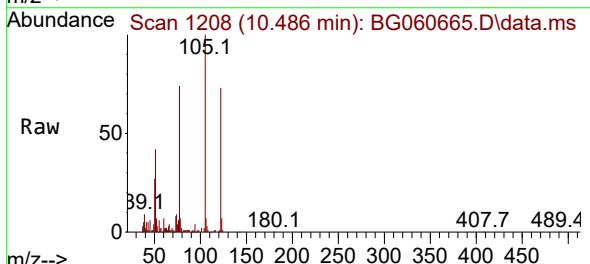
Instrument :
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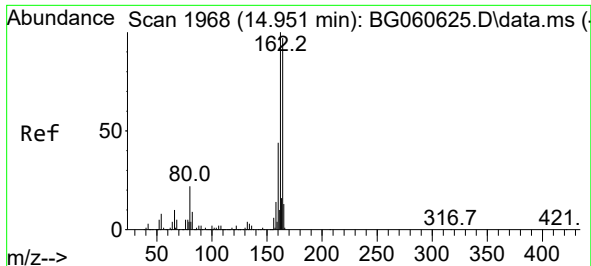
Tgt Ion:128 Resp: 155708
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 33.381 ng
RT: 10.486 min Scan# 1208
Delta R.T. 0.070 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:122 Resp: 171851
Ion Ratio Lower Upper
122 100
105 136.2 115.0 155.0
77 101.0 79.0 119.0

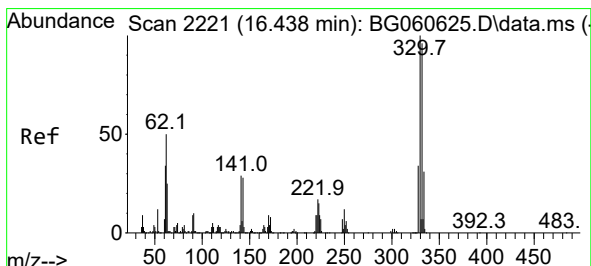
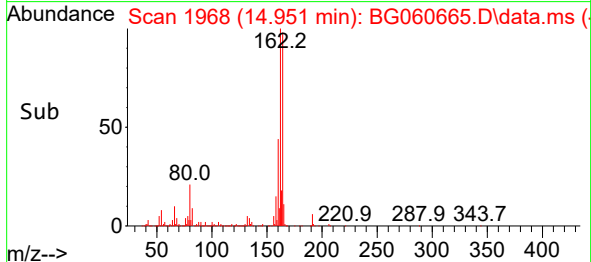
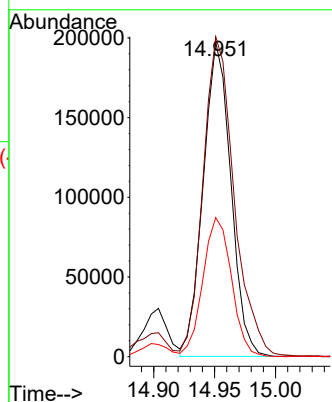
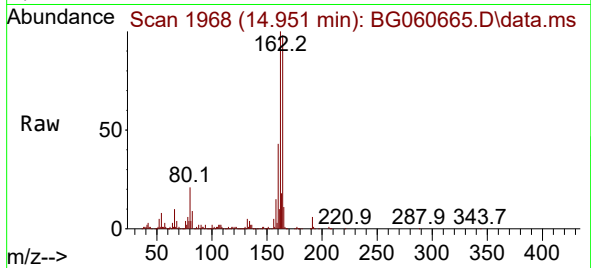




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

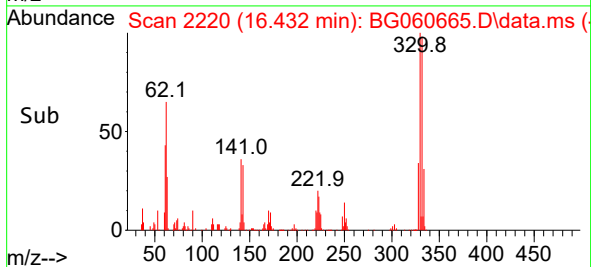
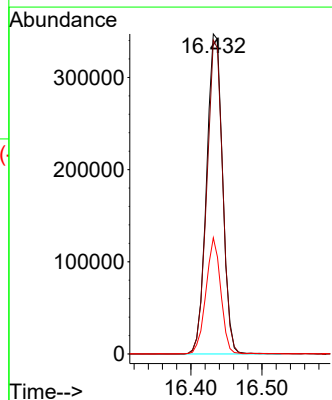
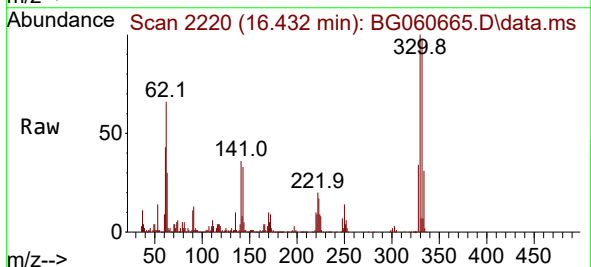
Instrument :
BNA_G
ClientSampleId :
MW-2

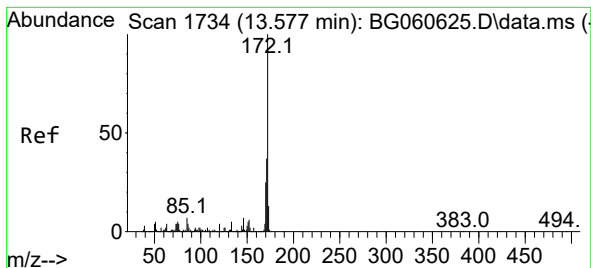
Tgt Ion:164 Resp: 310204
Ion Ratio Lower Upper
164 100
162 101.7 82.5 123.7
160 44.2 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 151.689 ng
RT: 16.432 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:330 Resp: 545265
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 33.6 25.4 38.2

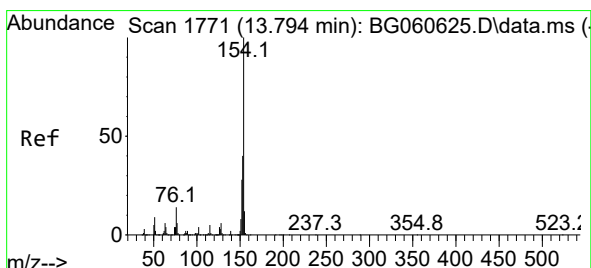
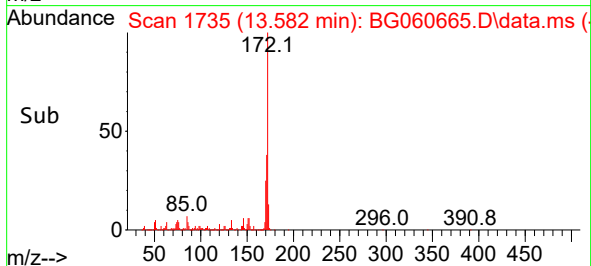
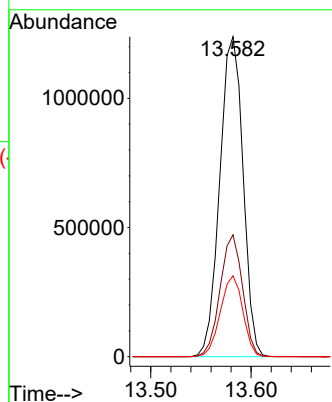
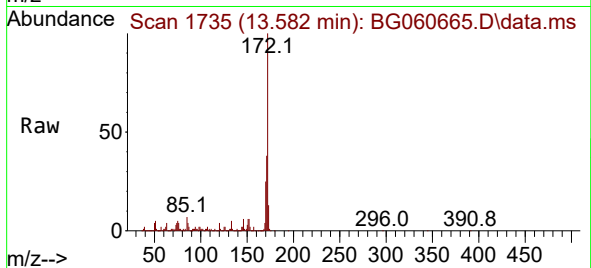




#45
2-Fluorobiphenyl
Concen: 86.892 ng
RT: 13.582 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

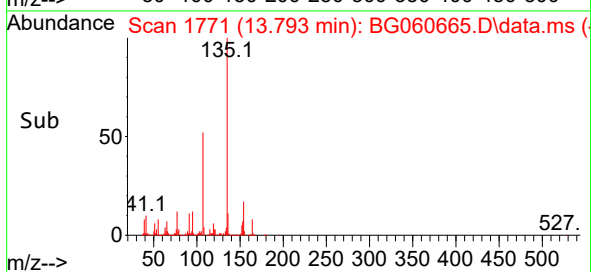
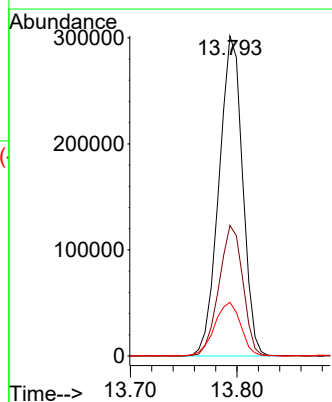
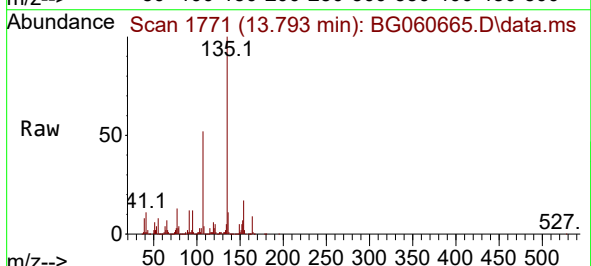
Instrument :
BNA_G
ClientSampleId :
MW-2

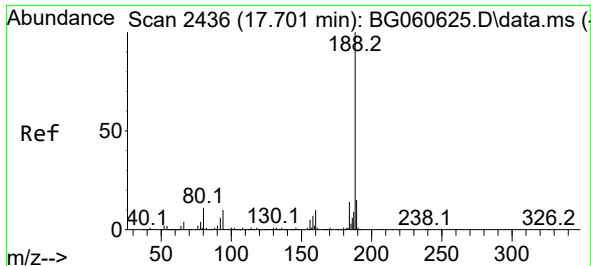
Tgt Ion:172 Resp: 1993597
Ion Ratio Lower Upper
172 100
171 38.1 29.9 44.9
170 25.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 19.668 ng
RT: 13.793 min Scan# 1771
Delta R.T. -0.001 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:154 Resp: 463761
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 16.8 0.0 34.3

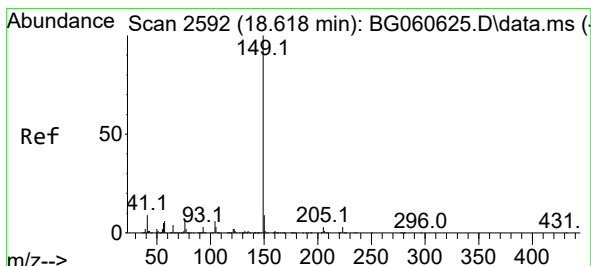
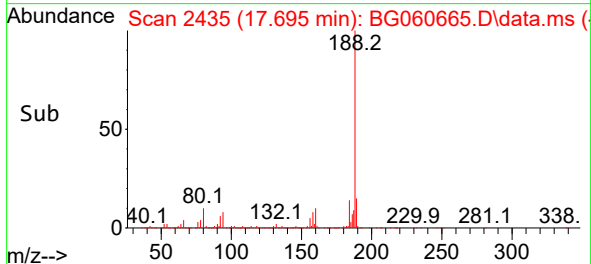
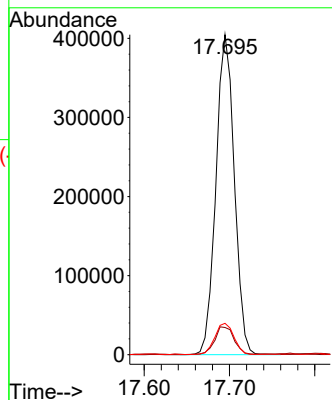
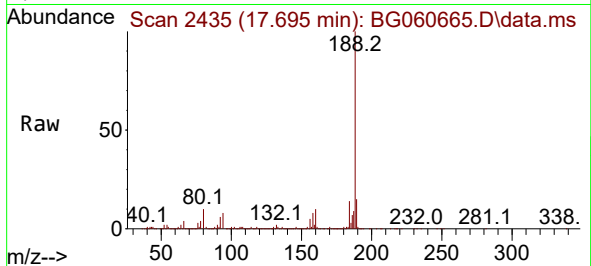




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

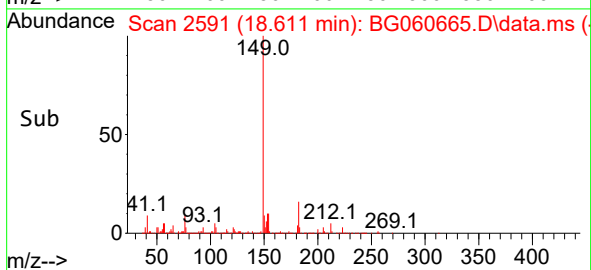
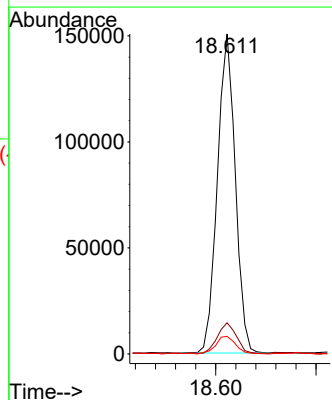
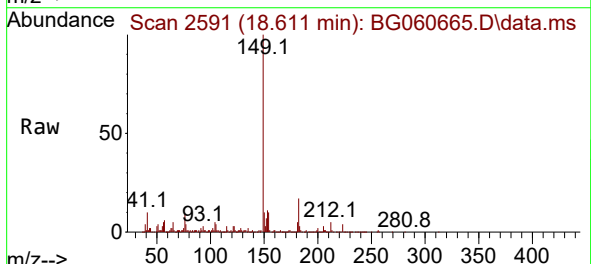
Instrument :
BNA_G
ClientSampleId :
MW-2

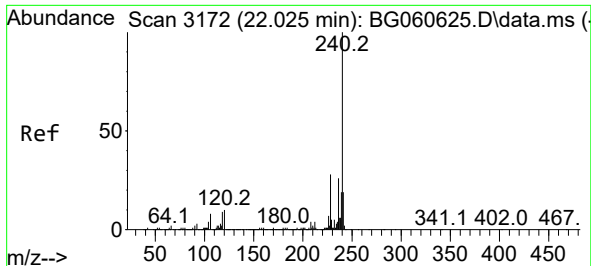
Tgt Ion:188 Resp: 606327
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.8 8.6 13.0



#74
Di-n-butylphthalate
Concen: 5.309 ng
RT: 18.611 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:149 Resp: 185777
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 5.5 4.8 7.2

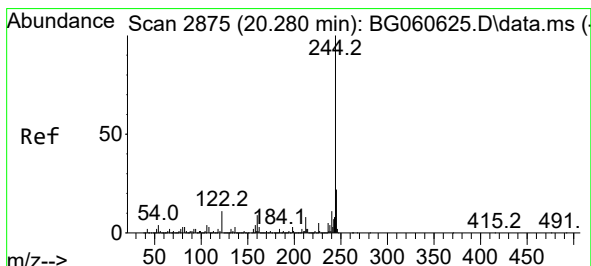
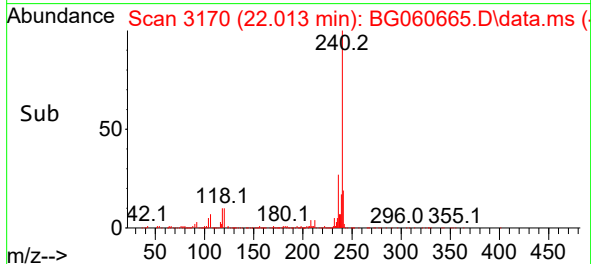
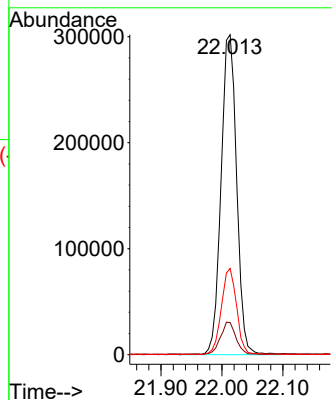
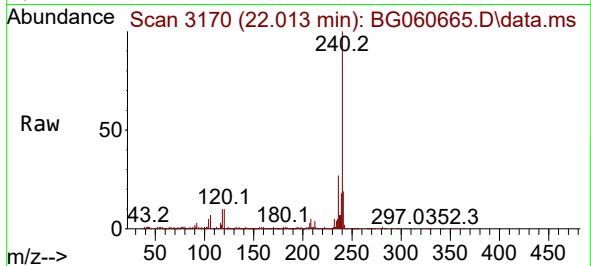




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

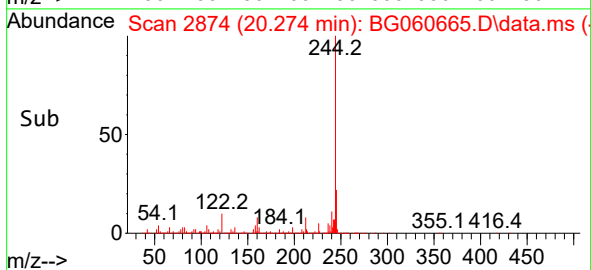
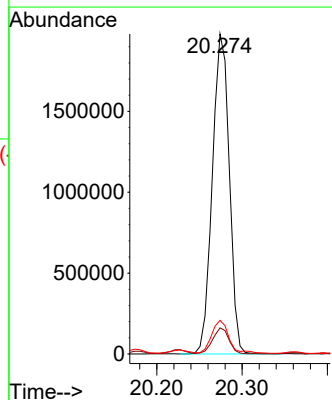
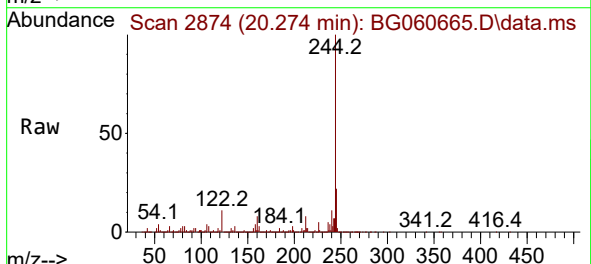
Instrument :
BNA_G
ClientSampleId :
MW-2

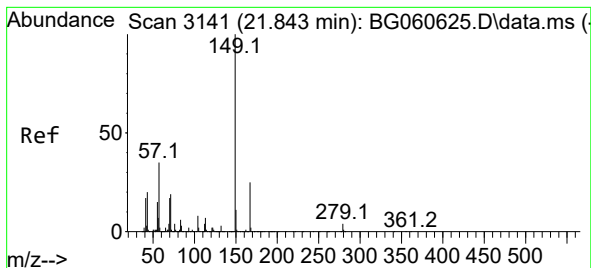
Tgt Ion:240 Resp: 535877
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.8
236 26.9 20.6 31.0



#79
Terphenyl-d14
Concen: 92.039 ng
RT: 20.274 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:244 Resp: 2728668
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 10.5 8.5 12.7

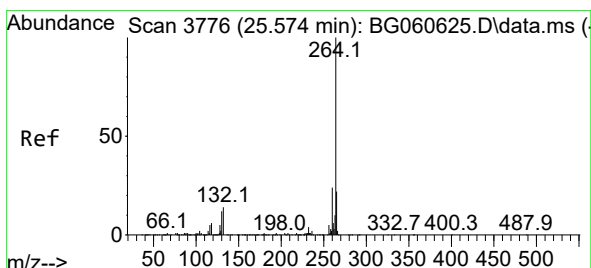
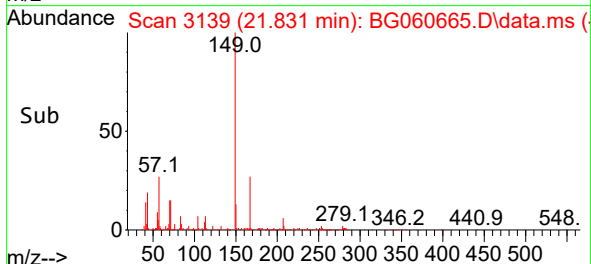
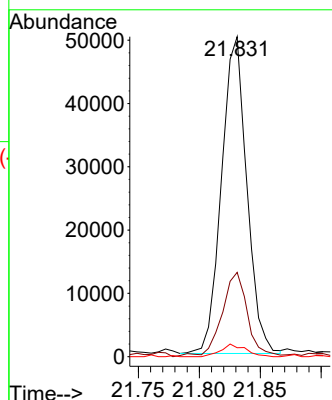
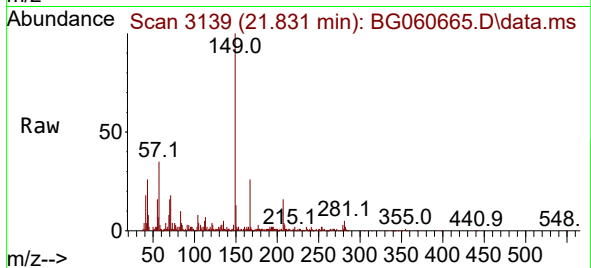




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.463 ng
RT: 21.831 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:149 Resp: 72322
Ion Ratio Lower Upper
149 100
167 26.4 19.9 29.9
279 2.8 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.568 min Scan# 3775
Delta R.T. -0.006 min
Lab File: BG060665.D
Acq: 15 Mar 2024 16:08

Tgt Ion:264 Resp: 628584
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.8 18.1 27.1

