

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055771.D
 Acq On : 24 Nov 2022 1:47
 Operator : CG/JU
 Sample : N5692-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DF-SPILL-DRUM-11-3

Quant Time: Nov 24 06:11:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

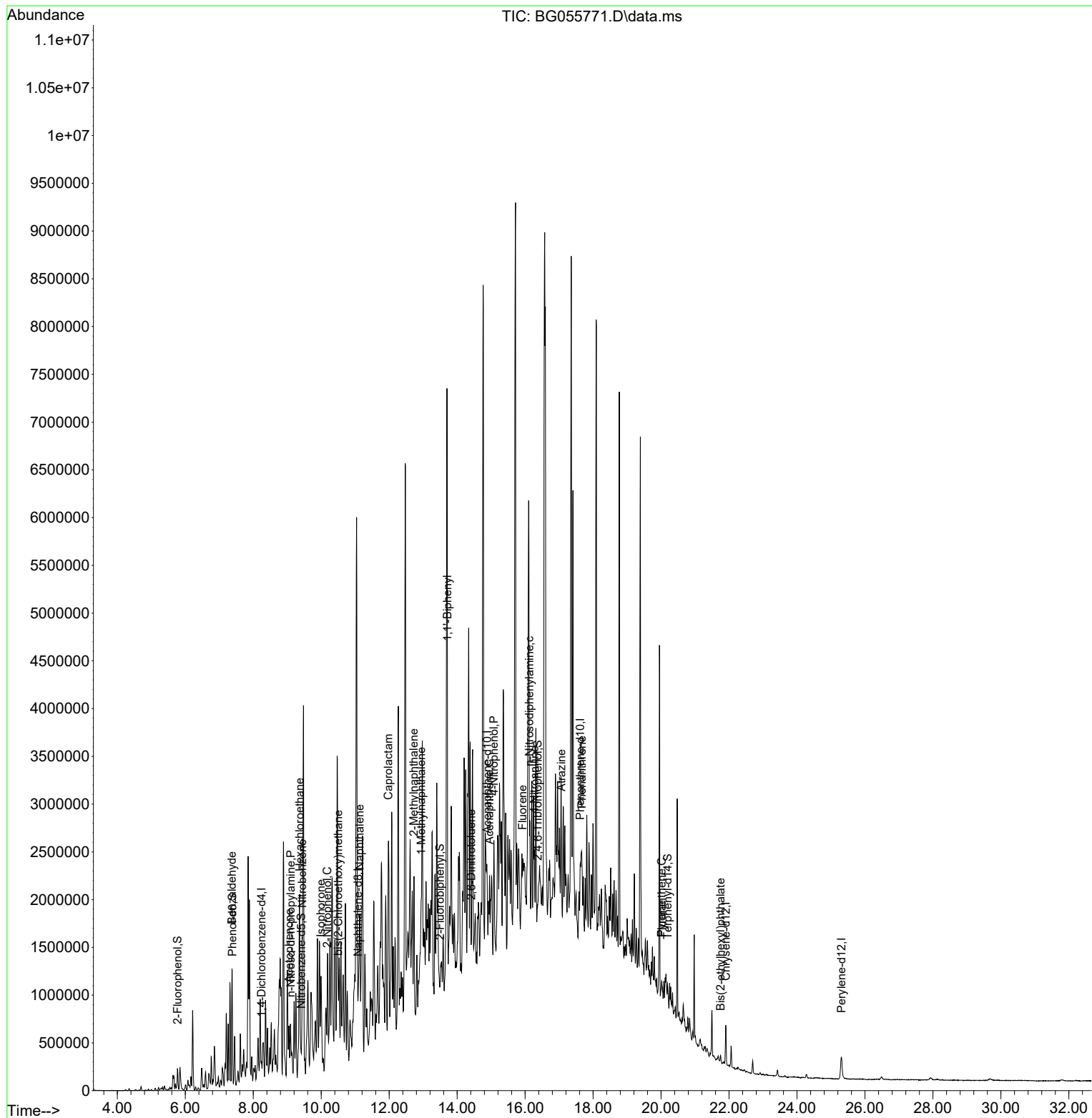
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	48521	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	182099	20.000	ng	# 0.01
39) Acenaphthene-d10	14.880	164	118145	20.000	ng	0.02
64) Phenanthrene-d10	17.618	188	229113	20.000	ng	# 0.01
76) Chrysene-d12	21.902	240	260634	20.000	ng	0.00
86) Perylene-d12	25.304	264	276637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	19794	7.374	ng	0.00
7) Phenol-d6	7.383	99	28605	8.005	ng	0.00
23) Nitrobenzene-d5	9.410	82	69933	20.298	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	11718	7.044	ng	0.02
45) 2-Fluorobiphenyl	13.494	172	48351	6.131	ng	0.00
79) Terphenyl-d14	20.192	244	75478	5.792	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.372	77	33091	13.636	ng	# 1
18) Hexachloroethane	9.363	117	201063	160.229	ng	# 1
19) n-Nitroso-di-n-propyla...	9.105	70	8171	2.976	ng	# 85
22) Acetophenone	9.052	105	320592	67.752	ng	# 55
24) Nitrobenzene	9.440	77	34526	9.594	ng	# 13
25) Isophorone	9.986	82	92693	14.200	ng	# 1
26) 2-Nitrophenol	10.174	139	7479	4.502	ng	# 1
28) bis(2-Chloroethoxy)met...	10.503	93	12422	3.545	ng	# 1
31) Naphthalene	11.132	128	290136	29.473	ng	# 81
35) Caprolactam	11.972	113	22128	21.130	ng	# 1
37) 2-Methylnaphthalene	12.724	142	692303	93.927	ng	97
38) 1-Methylnaphthalene	12.942	142	414421	57.918	ng	# 98
46) 1,1'-Biphenyl	13.711	154	112443	13.060	ng	99
51) 2,6-Dinitrotoluene	14.410	165	7128	3.702	ng	# 71
52) Acenaphthene	14.945	154	36567	5.077	ng	# 54
56) 4-Nitrophenol	15.080	139	34872	21.018	ng	# 59
58) Fluorene	15.920	166	85775	9.666	ng	# 85
62) 4-Nitroaniline	16.273	138	5262	2.381	ng	82
66) n-Nitrosodiphenylamine	16.120	169	132880	21.045	ng	# 46
69) Atrazine	17.066	200	16649	6.667	ng	# 71
71) Phenanthrene	17.665	178	193561	15.655	ng	# 93
75) Fluoranthene	20.016	202	55379	3.682	ng	77
78) Pyrene	20.016	202	55379	3.139	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.749	149	24549	2.473	ng	# 94

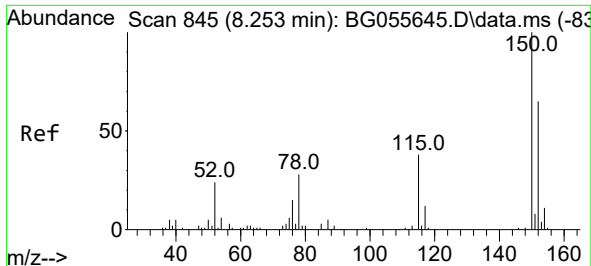
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055771.D
Acq On : 24 Nov 2022 1:47
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Sample : N5692-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

Quant Time: Nov 24 06:11:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration

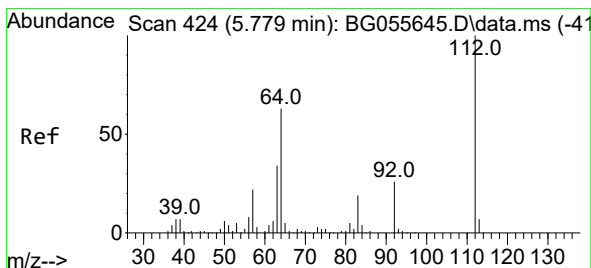
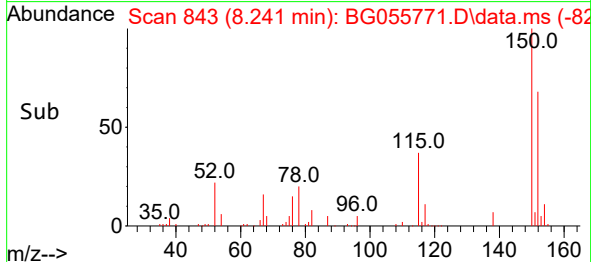
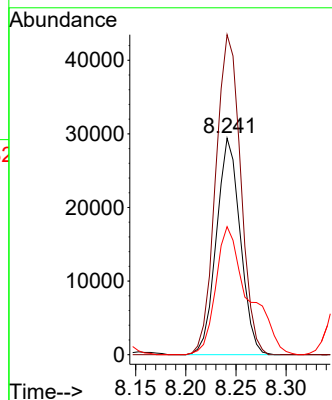
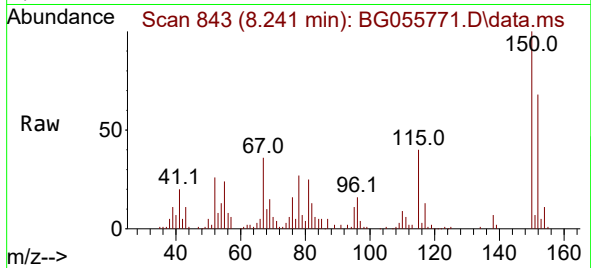




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 845
Delta R.T. 0.005 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

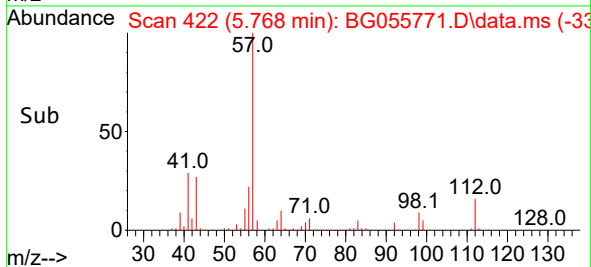
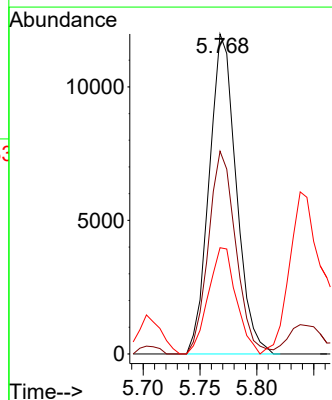
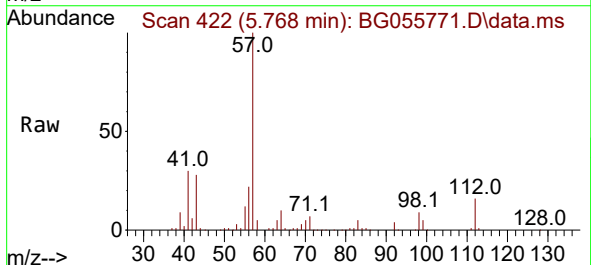
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

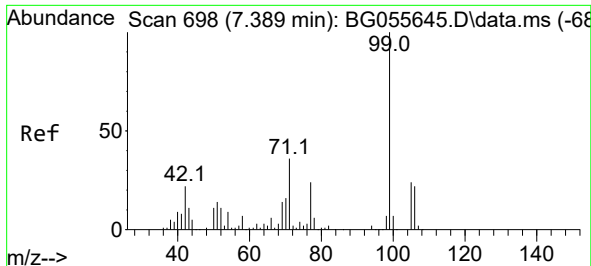
Tgt Ion:152 Resp: 48521
Ion Ratio Lower Upper
152 100
150 147.8 123.0 184.6
115 59.1 47.0 70.4



#5
2-Fluorophenol
Concen: 7.374 ng
RT: 5.768 min Scan# 422
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:112 Resp: 19794
Ion Ratio Lower Upper
112 100
64 63.3 50.6 76.0
63 33.2 27.5 41.3

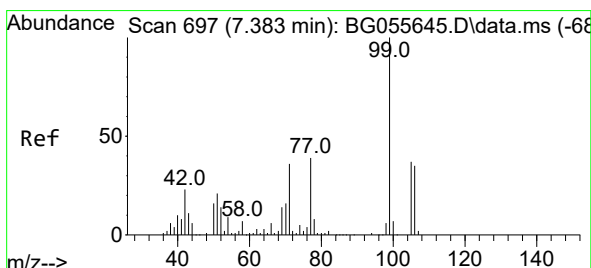
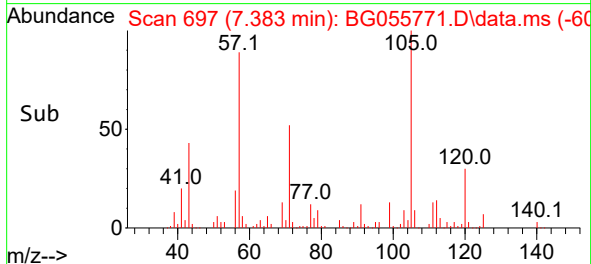
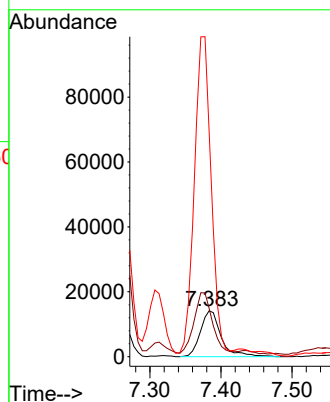
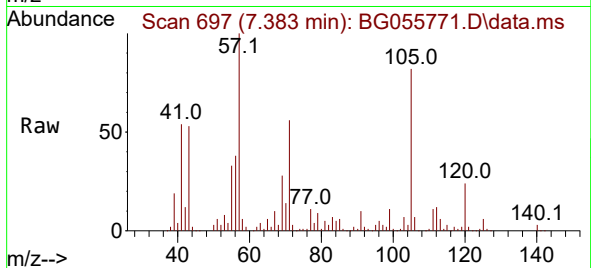




#7
Phenol-d6
Concen: 8.005 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

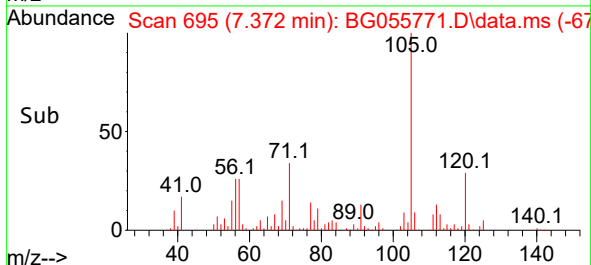
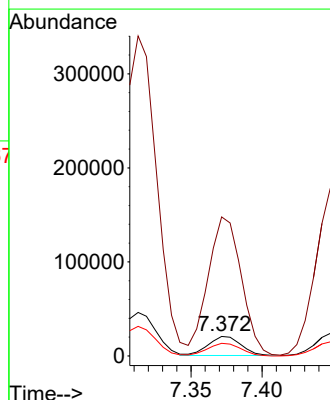
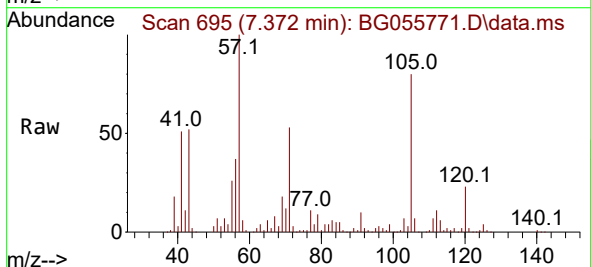
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

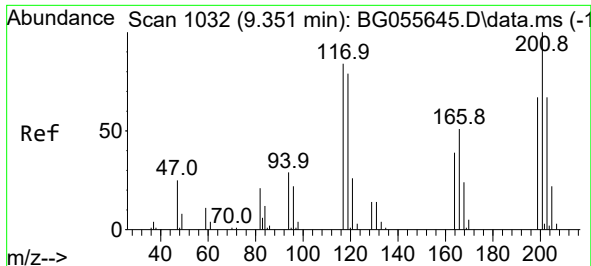
Tgt Ion: 99 Resp: 28605
Ion Ratio Lower Upper
99 100
42 104.7 18.0 27.0#
71 488.4 29.0 43.6#



#9
Benzaldehyde
Concen: 13.636 ng
RT: 7.372 min Scan# 695
Delta R.T. 0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion: 77 Resp: 33091
Ion Ratio Lower Upper
77 100
105 711.3 76.3 116.3#
106 65.1 69.8 109.8#

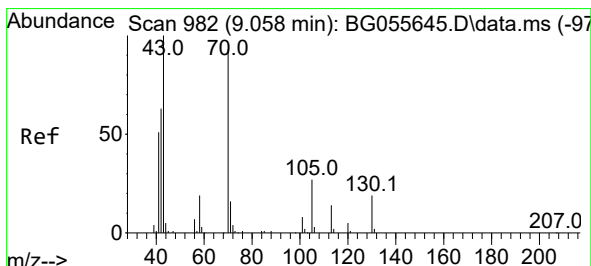
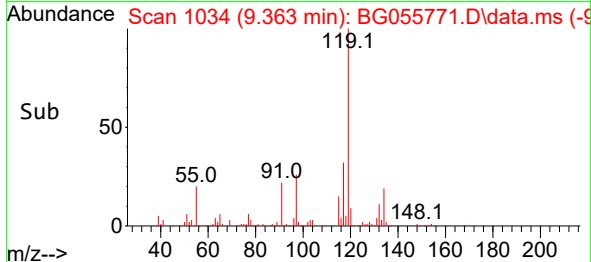
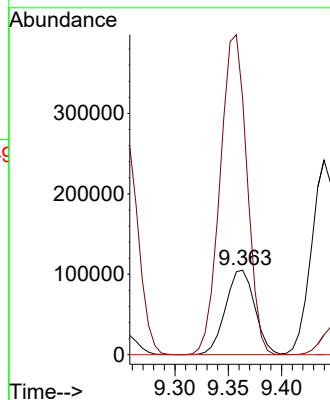
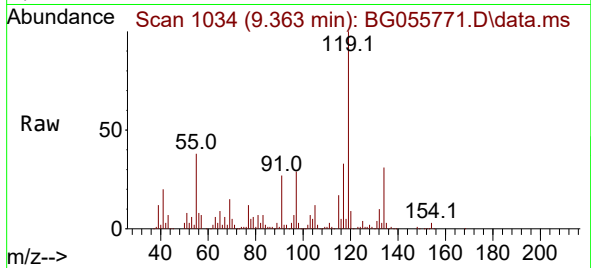




#18
Hexachloroethane
Concen: 160.229 ng
RT: 9.363 min Scan# 1032
Delta R.T. 0.029 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

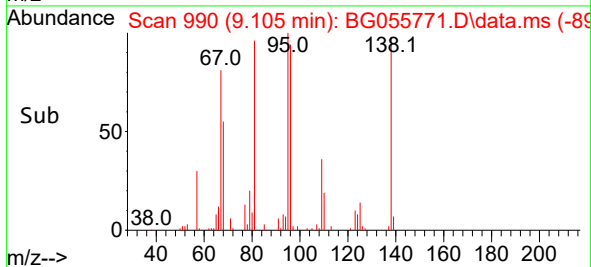
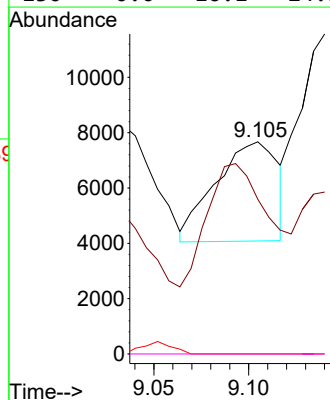
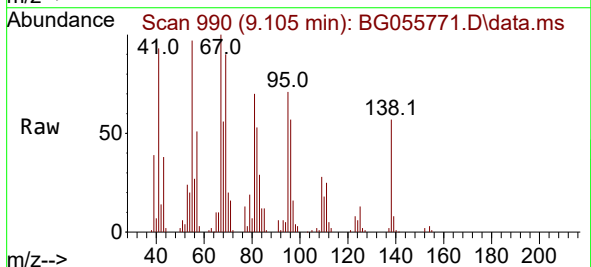
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

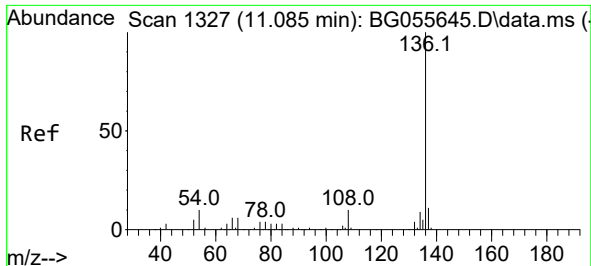
Tgt Ion:117 Resp: 201063
Ion Ratio Lower Upper
117 100
119 304.0 76.0 114.0#
201 0.0 98.6 148.0#



#19
n-Nitroso-di-n-propylamine
Concen: 2.976 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.059 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion: 70 Resp: 8171
Ion Ratio Lower Upper
70 100
42 72.9 55.2 82.8
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#

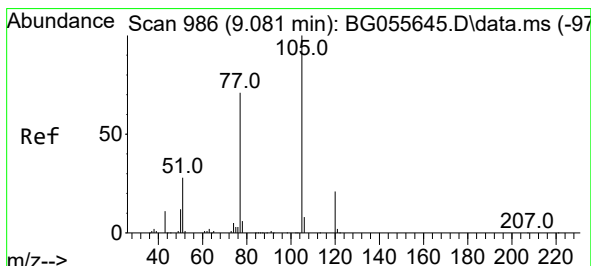
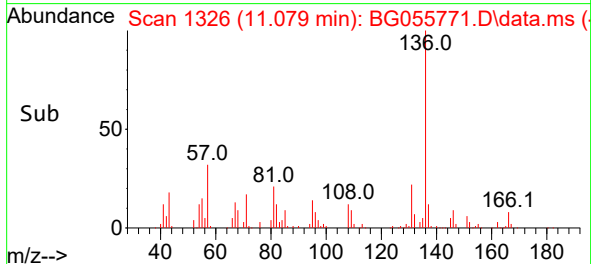
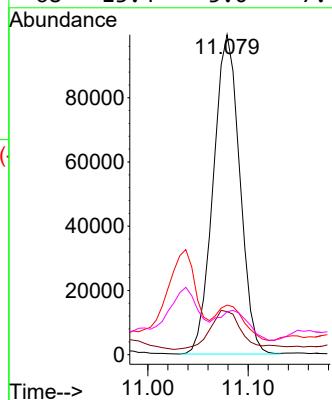
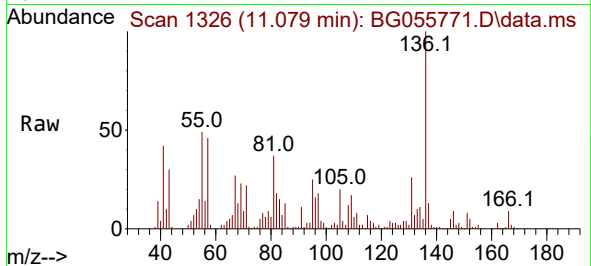




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

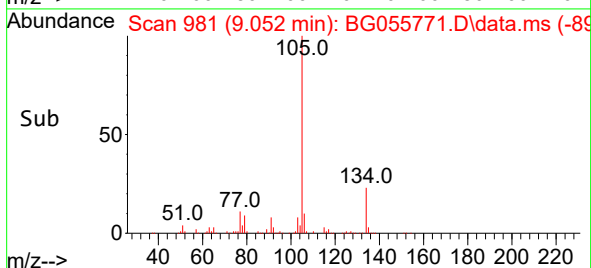
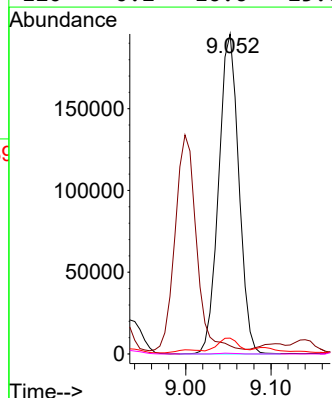
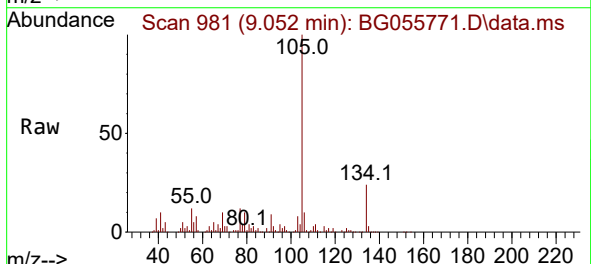
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

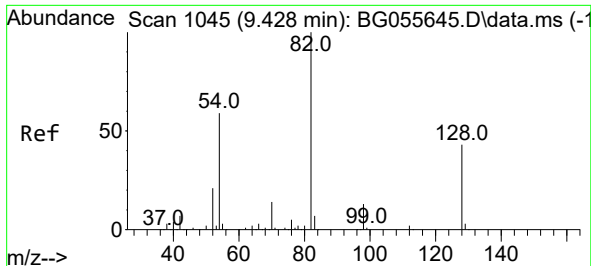
Tgt Ion:136 Resp: 182099
Ion Ratio Lower Upper
136 100
137 13.4 9.0 13.6
54 15.5 7.8 11.6#
68 13.4 5.0 7.4#



#22
Acetophenone
Concen: 67.752 ng
RT: 9.052 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:105 Resp: 320592
Ion Ratio Lower Upper
105 100
71 2.6 0.6 1.0#
51 4.9 24.5 36.7#
120 0.2 16.6 25.0#

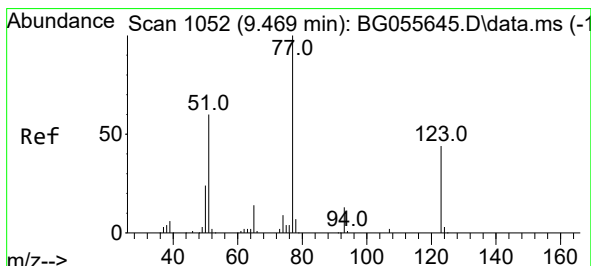
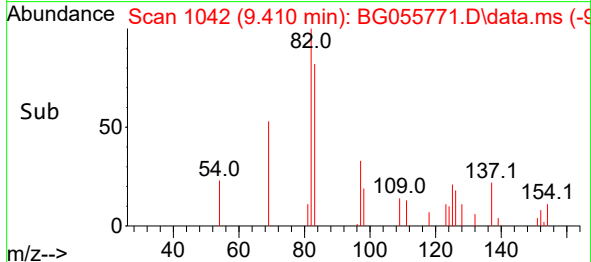
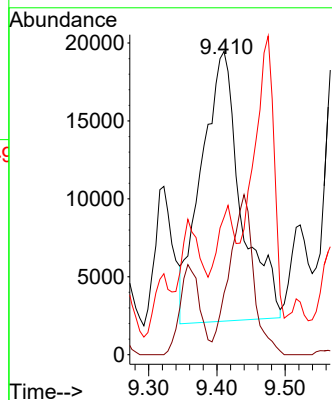
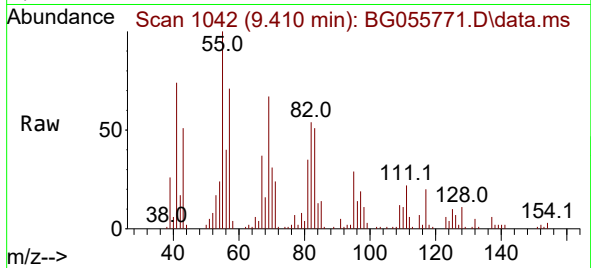




#23
Nitrobenzene-d5
Concen: 20.298 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

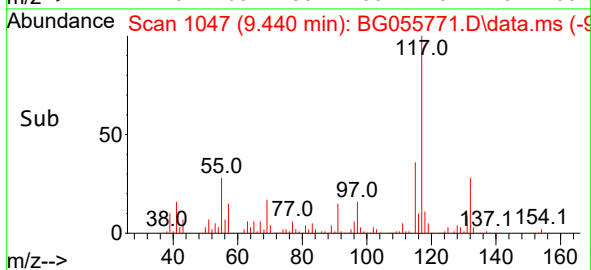
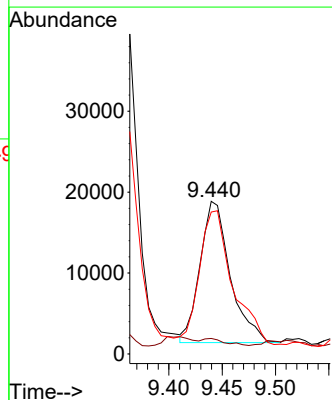
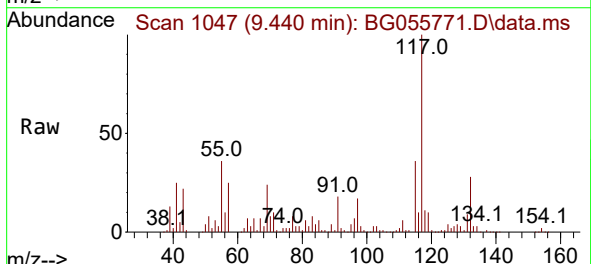
Instrument :
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ClientSampleId :
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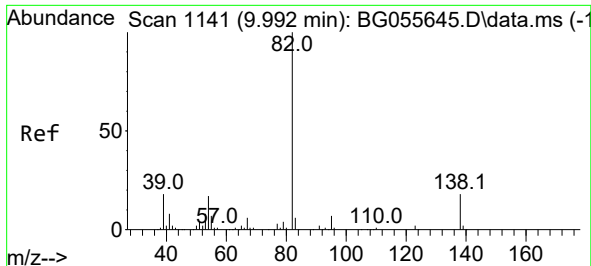
Tgt Ion: 82 Resp: 69933
Ion Ratio Lower Upper
82 100
128 20.3 34.1 51.1#
54 45.4 47.3 70.9#



#24
Nitrobenzene
Concen: 9.594 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.018 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion: 77 Resp: 34526
Ion Ratio Lower Upper
77 100
123 10.2 35.5 53.3#
65 93.0 11.5 17.3#

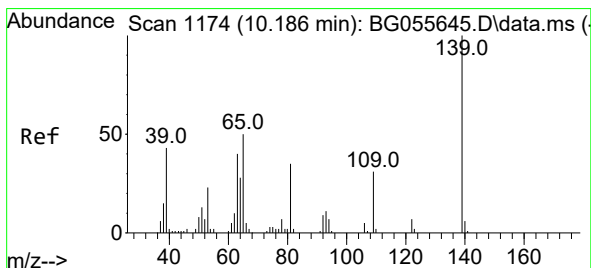
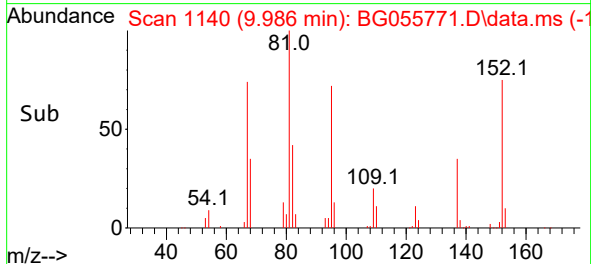
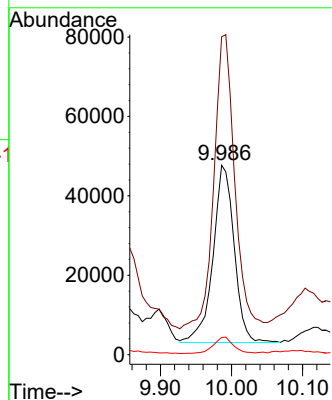
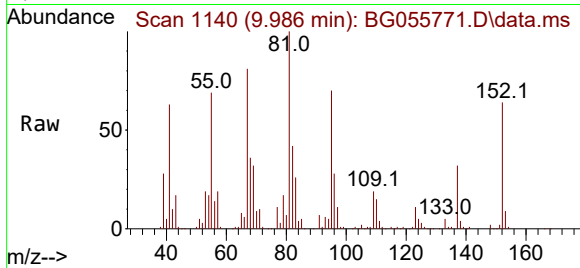




#25
Isophorone
Concen: 14.200 ng
RT: 9.986 min Scan# 1141
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

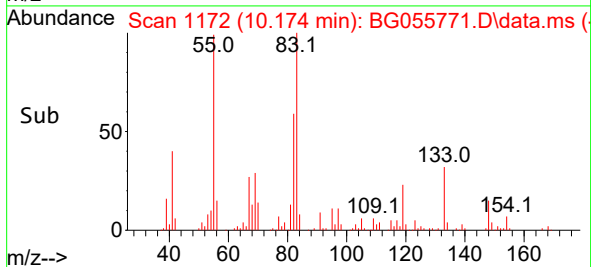
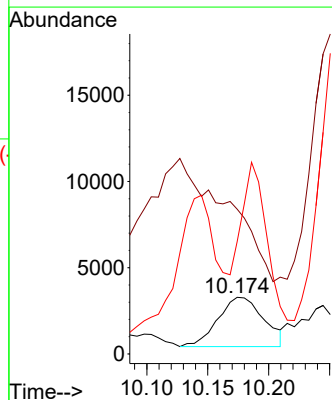
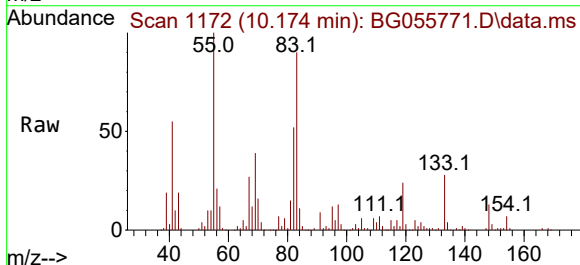
Instrument :
BNA_G
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DF-SPILL-DRUM-11-3

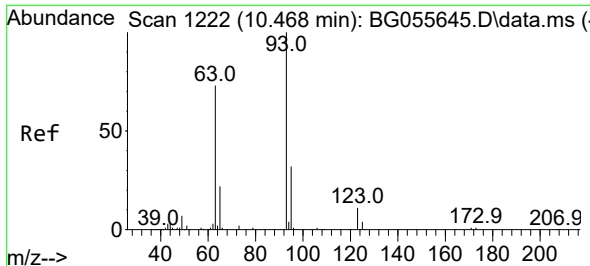
Tgt Ion: 82 Resp: 92693
Ion Ratio Lower Upper
82 100
95 167.9 5.5 8.3#
138 9.0 14.2 21.4#



#26
2-Nitrophenol
Concen: 4.502 ng
RT: 10.174 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:139 Resp: 7479
Ion Ratio Lower Upper
139 100
109 255.8 24.4 36.6#
65 198.6 40.2 60.2#

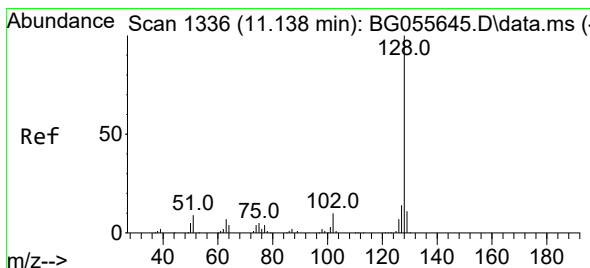
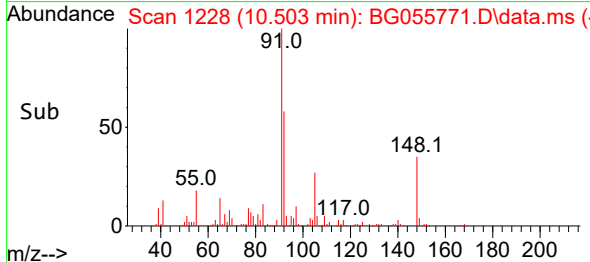
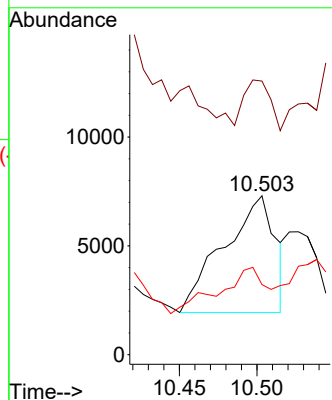
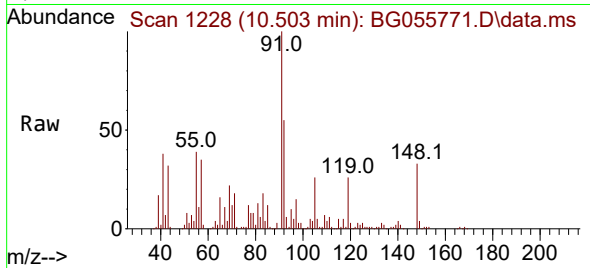




#28
bis(2-Chloroethoxy)methane
Concen: 3.545 ng
RT: 10.503 min Scan# 1228
Delta R.T. 0.053 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

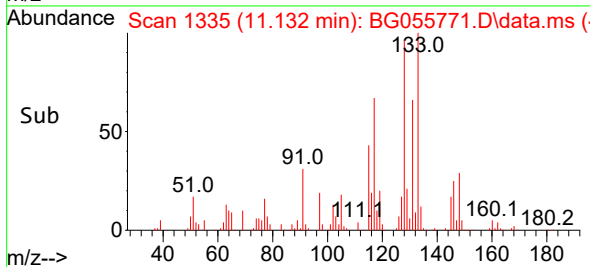
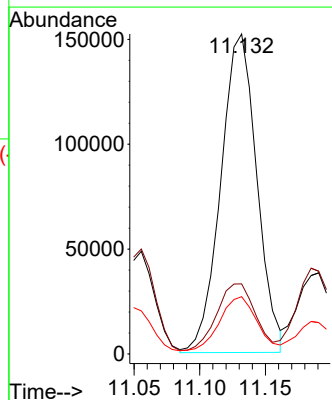
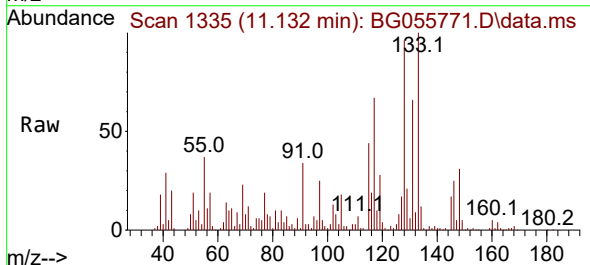
Instrument :
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ClientSampleId :
DF-SPILL-DRUM-11-3

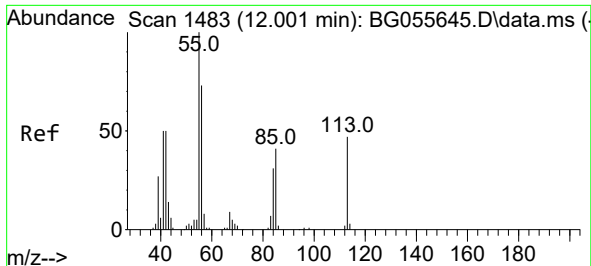
Tgt Ion: 93 Resp: 12422
Ion Ratio Lower Upper
93 100
95 172.2 25.7 38.5#
123 44.1 8.9 13.3#



#31
Naphthalene
Concen: 29.473 ng
RT: 11.132 min Scan# 1335
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:128 Resp: 290136
Ion Ratio Lower Upper
128 100
129 21.9 8.7 13.1#
127 17.9 10.9 16.3#

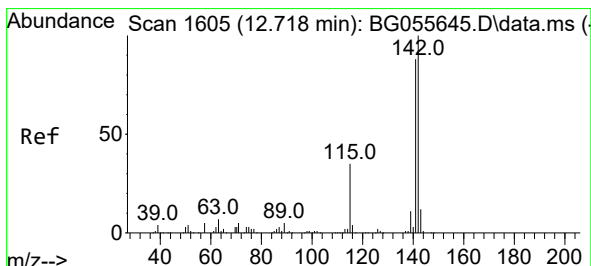
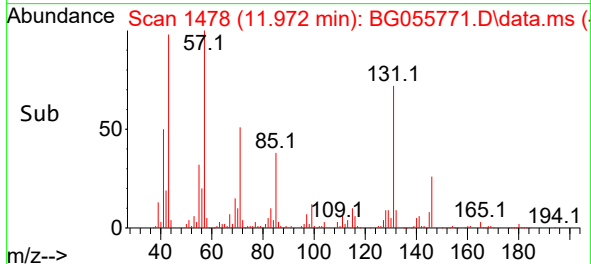
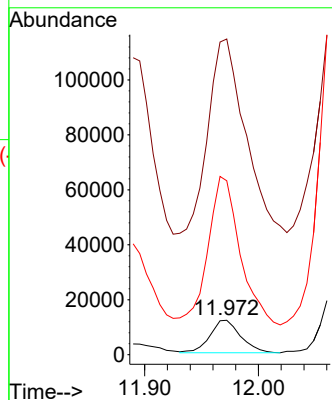
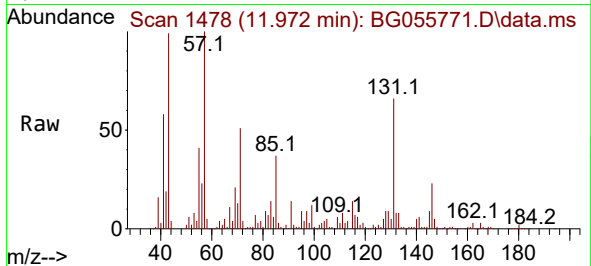




#35
Caprolactam
Concen: 21.130 ng
RT: 11.972 min Scan# 1483
Delta R.T. -0.024 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

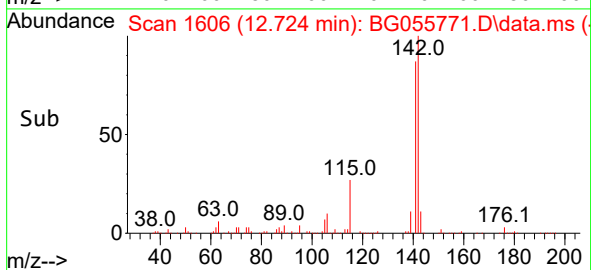
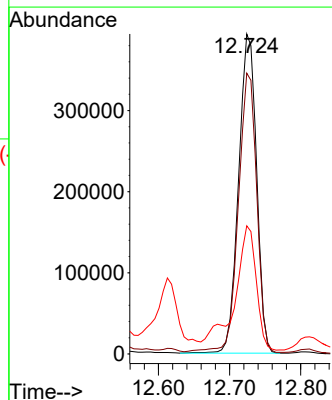
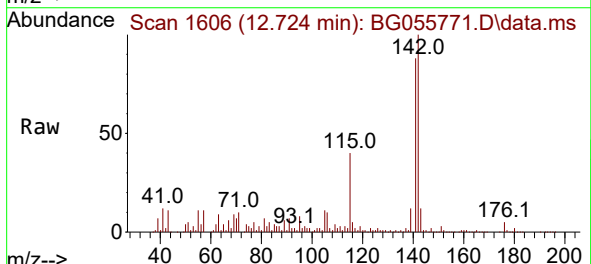
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

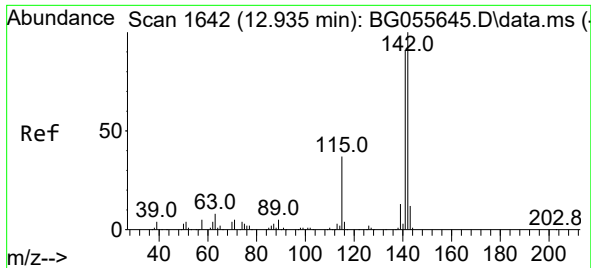
Tgt Ion:113 Resp: 22128
Ion Ratio Lower Upper
113 100
55 917.3 193.5 233.5#
56 505.3 135.2 175.2#



#37
2-Methylnaphthalene
Concen: 93.927 ng
RT: 12.724 min Scan# 1606
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:142 Resp: 692303
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 40.0 27.9 41.9

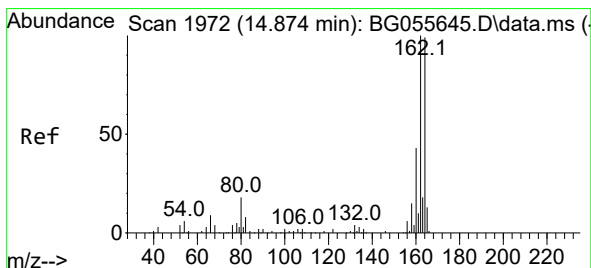
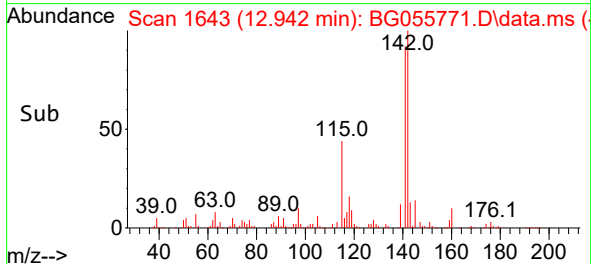
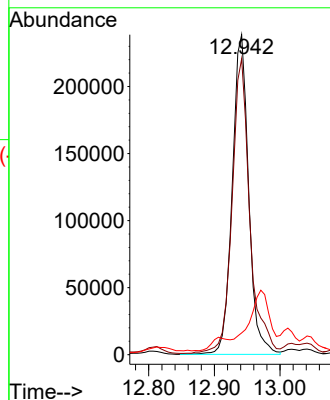
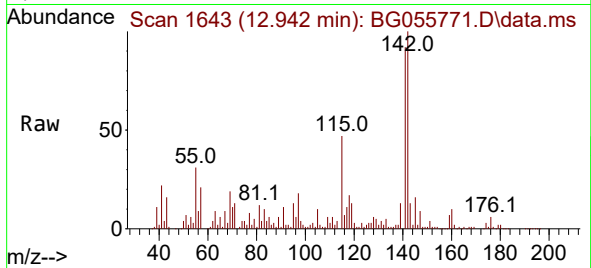




#38
1-Methylnaphthalene
Concen: 57.918 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

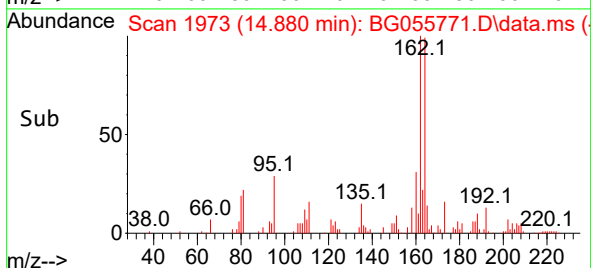
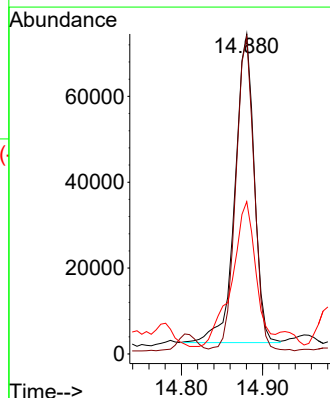
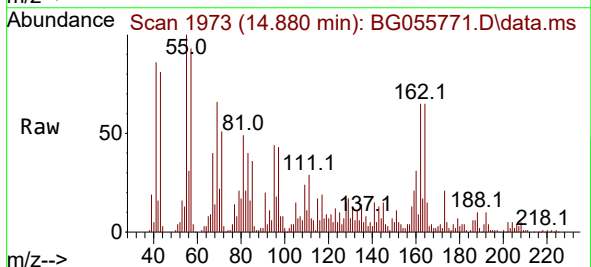
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

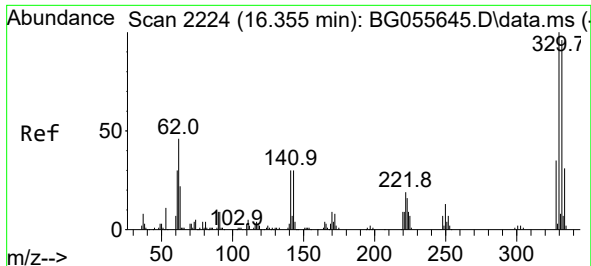
Tgt Ion:142 Resp: 414421
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.4
116 6.8 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:164 Resp: 118145
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 47.6 34.8 52.2

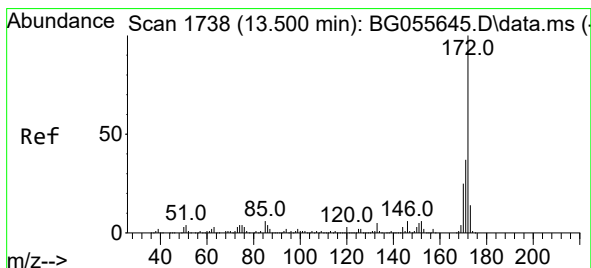
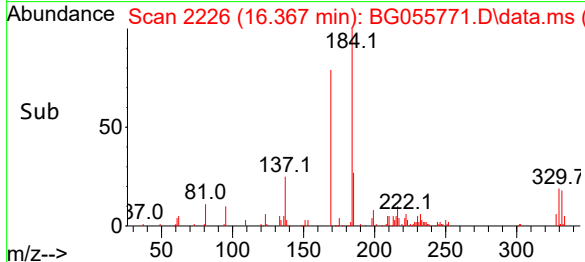
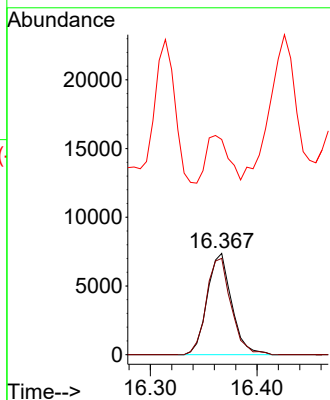
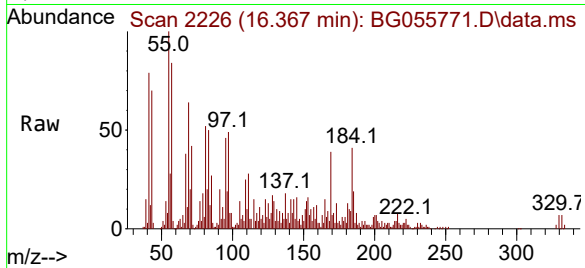




#42
2,4,6-Tribromophenol
Concen: 7.044 ng
RT: 16.367 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

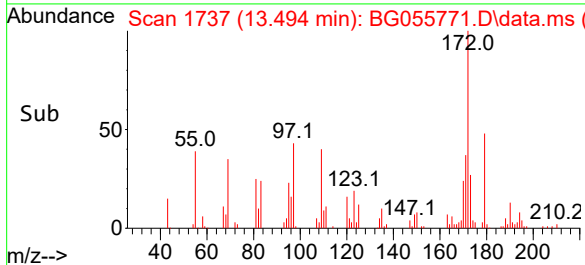
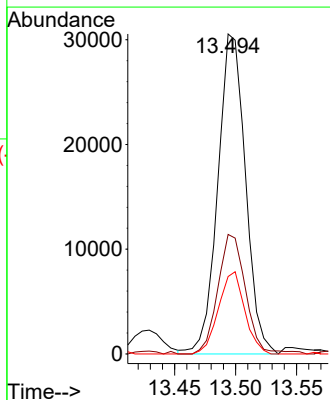
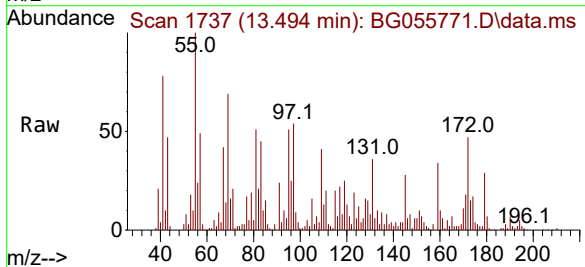
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

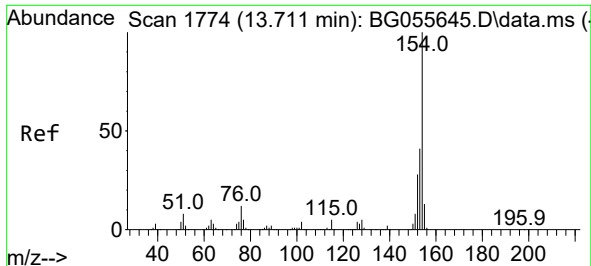
Tgt Ion:330 Resp: 11718
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 42.5 23.9 35.9#



#45
2-Fluorobiphenyl
Concen: 6.131 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:172 Resp: 48351
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.2 20.2 30.4

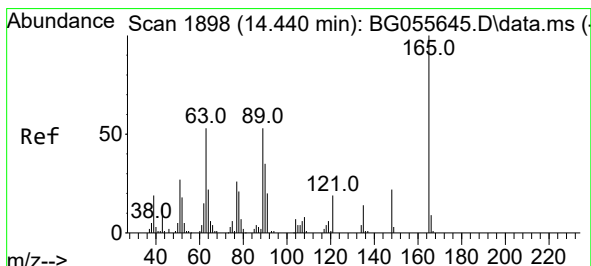
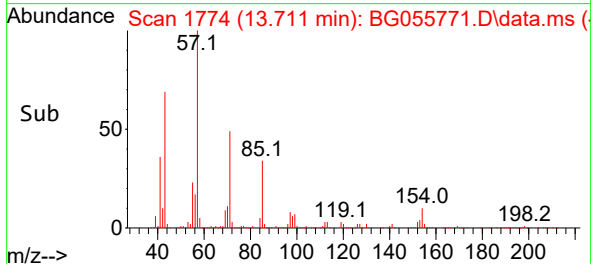
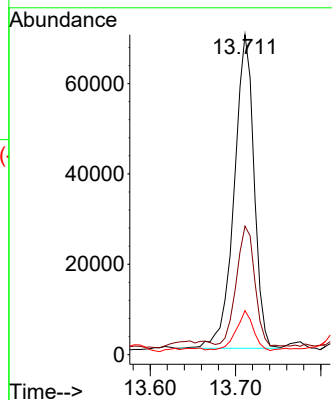
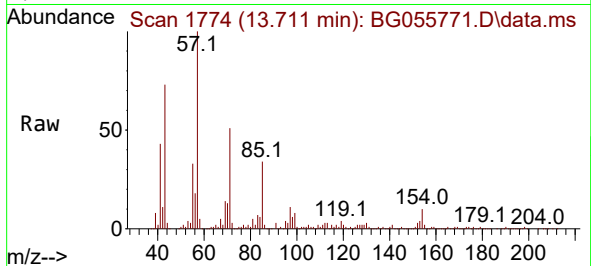




#46
1,1'-Biphenyl
Concen: 13.060 ng
RT: 13.711 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

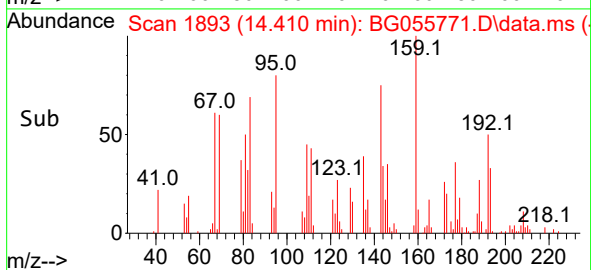
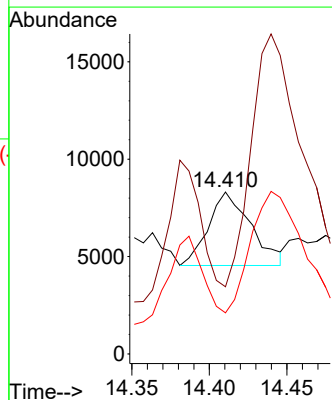
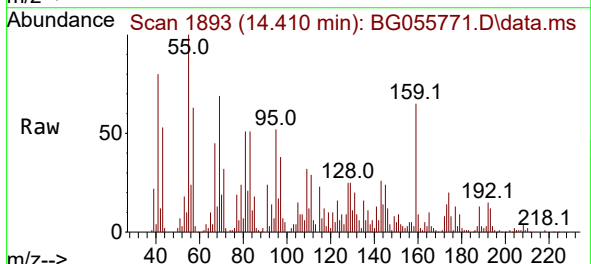
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

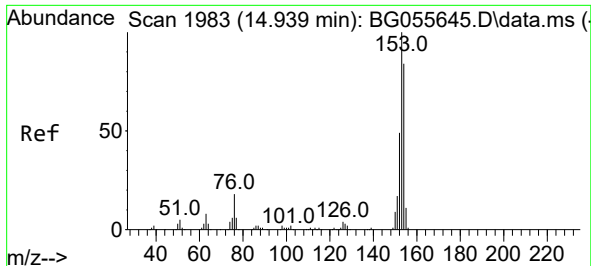
Tgt Ion:154 Resp: 112443
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 13.8 0.0 32.4



#51
2,6-Dinitrotoluene
Concen: 3.702 ng
RT: 14.410 min Scan# 1893
Delta R.T. -0.024 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:165 Resp: 7128
Ion Ratio Lower Upper
165 100
63 41.5 44.6 66.8#
89 25.4 42.2 63.4#

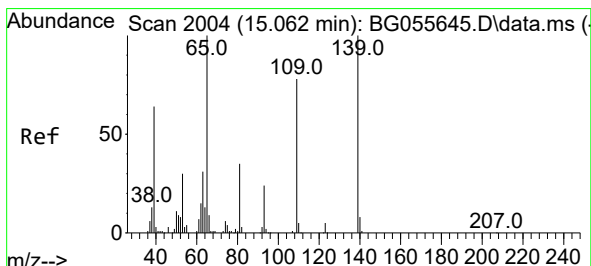
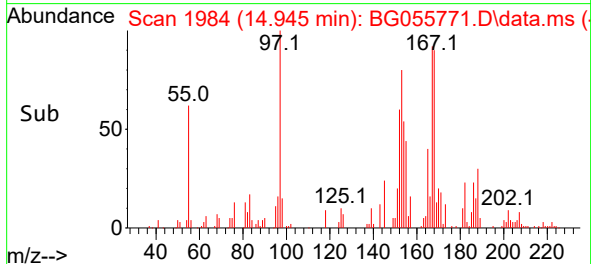
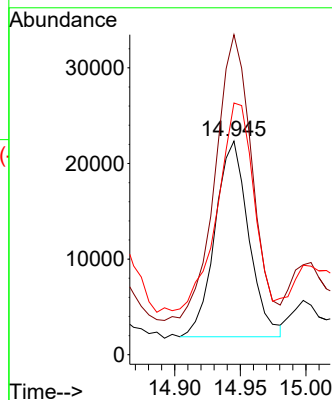
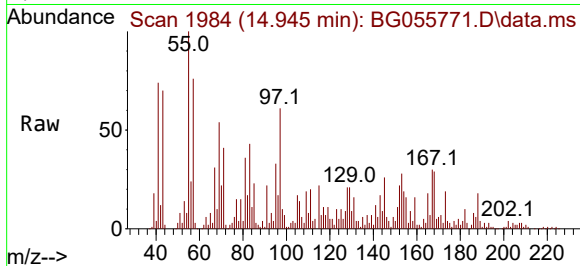




#52
Acenaphthene
Concen: 5.077 ng
RT: 14.945 min Scan# 1983
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

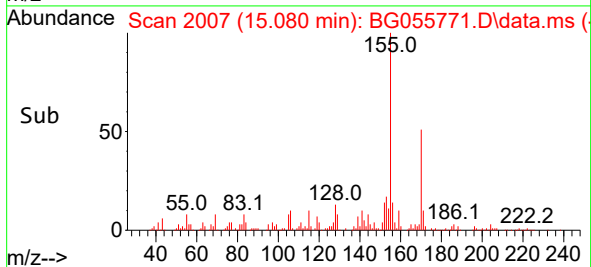
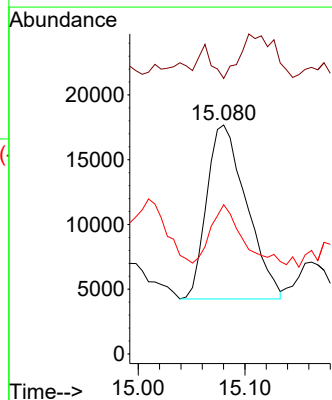
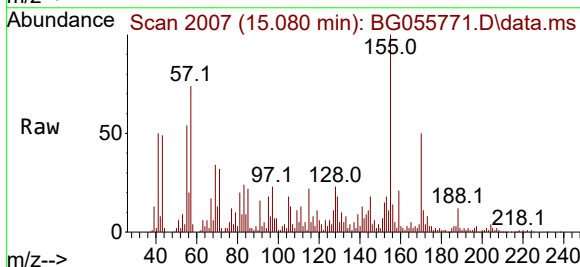
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

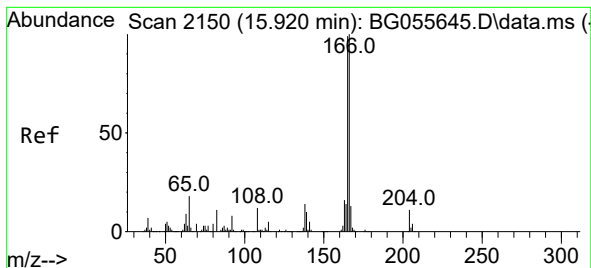
Tgt Ion:154 Resp: 36567
Ion Ratio Lower Upper
154 100
153 149.9 95.0 142.4#
152 117.8 46.1 69.1#



#56
4-Nitrophenol
Concen: 21.018 ng
RT: 15.080 min Scan# 2007
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:139 Resp: 34872
Ion Ratio Lower Upper
139 100
109 120.3 58.6 98.6#
65 65.2 80.5 120.5#





#58

Fluorene

Concen: 9.666 ng

RT: 15.920 min Scan# 21

Delta R.T. 0.011 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

Instrument :

BNA_G

ClientSampleId :

DF-SPILL-DRUM-11-3

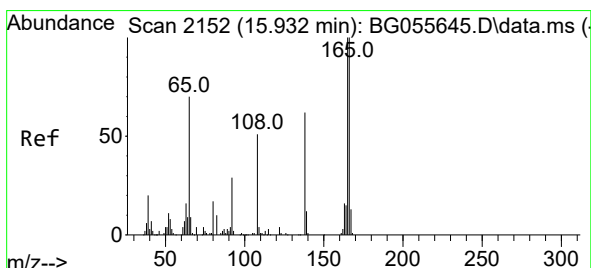
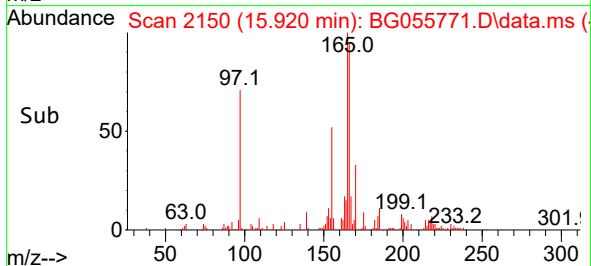
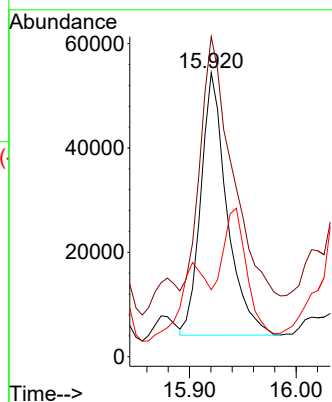
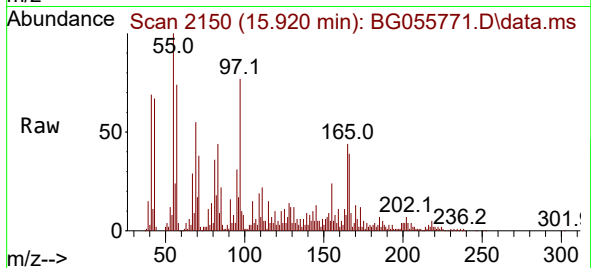
Tgt Ion:166 Resp: 85775

Ion Ratio Lower Upper

166 100

165 112.8 79.3 118.9

167 23.6 10.6 15.8#



#62

4-Nitroaniline

Concen: 2.381 ng

RT: 16.273 min Scan# 2210

Delta R.T. 0.346 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

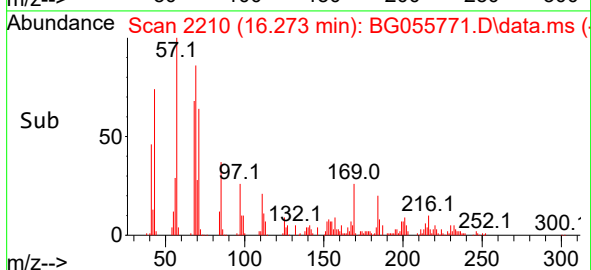
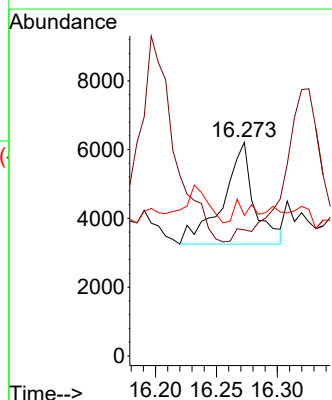
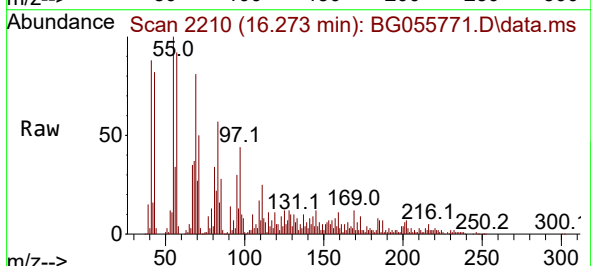
Tgt Ion:138 Resp: 5262

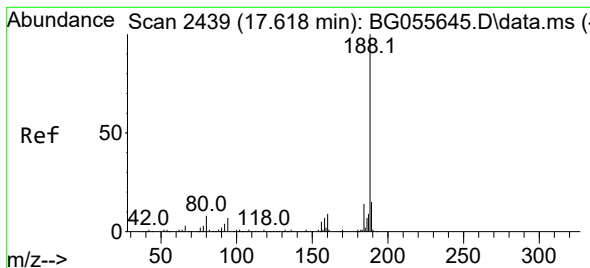
Ion Ratio Lower Upper

138 100

92 59.0 27.3 67.3

108 65.8 62.8 102.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.011 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

Instrument :

BNA_G

ClientSampleId :

DF-SPILL-DRUM-11-3

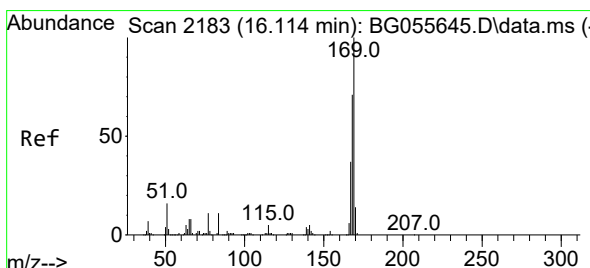
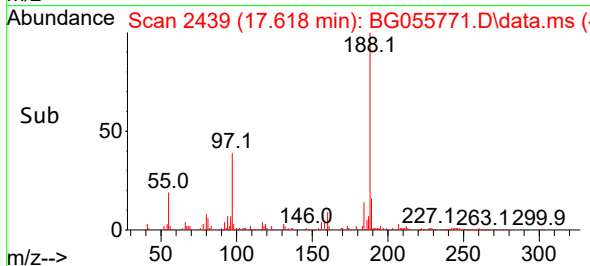
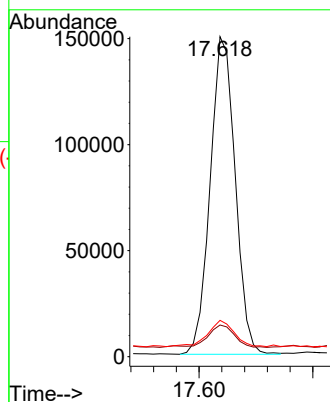
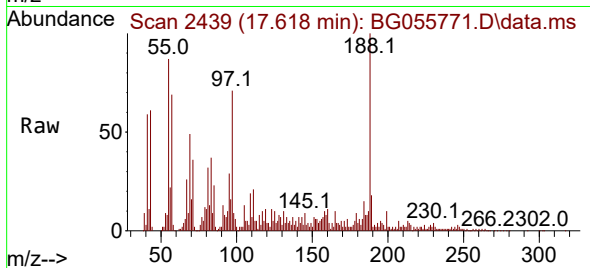
Tgt Ion:188 Resp: 229113

Ion Ratio Lower Upper

188 100

94 9.9 5.4 8.2#

80 11.4 6.6 10.0#



#66

n-Nitrosodiphenylamine

Concen: 21.045 ng

RT: 16.120 min Scan# 2184

Delta R.T. 0.017 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

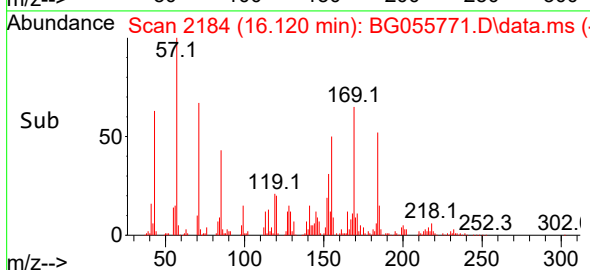
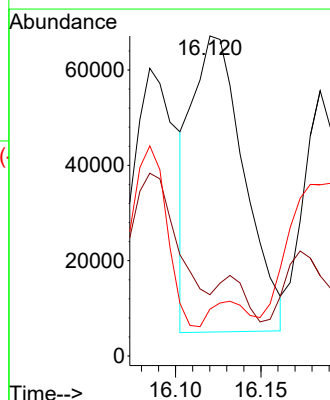
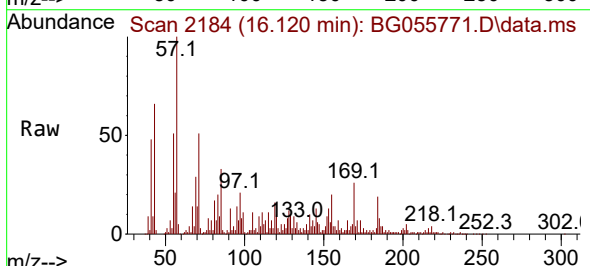
Tgt Ion:169 Resp: 132880

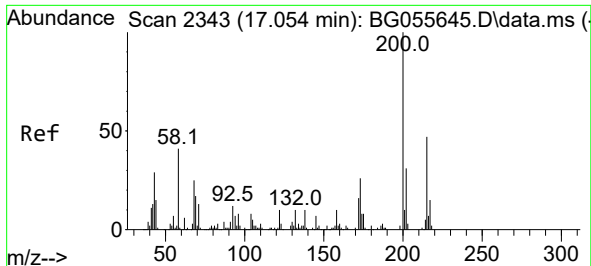
Ion Ratio Lower Upper

169 100

168 19.2 56.6 85.0#

167 14.7 29.9 44.9#

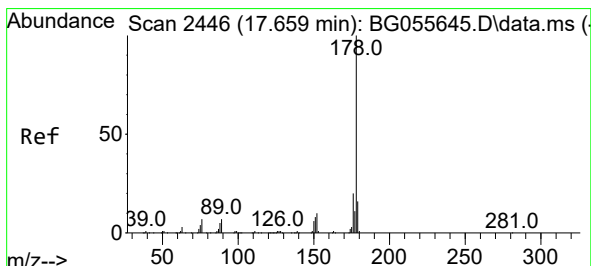
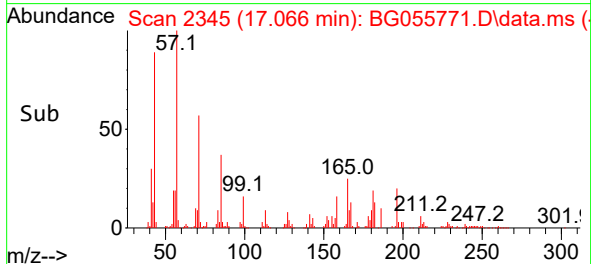
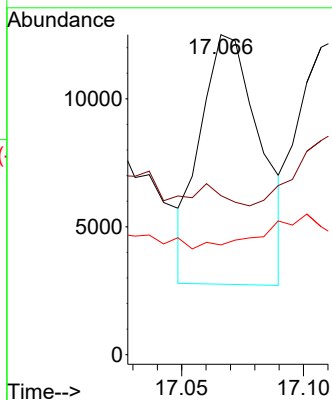
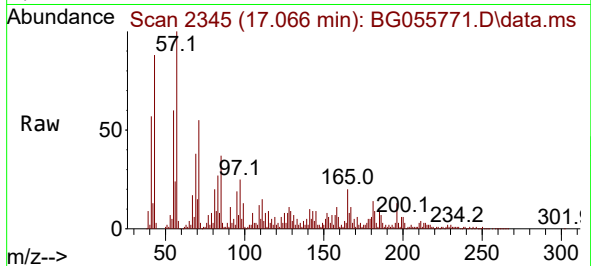




#69
 Atrazine
 Concen: 6.667 ng
 RT: 17.066 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BG055771.D
 Acq: 24 Nov 2022 1:47

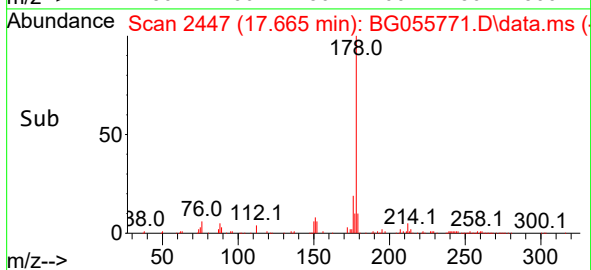
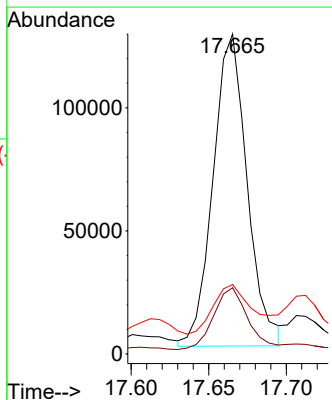
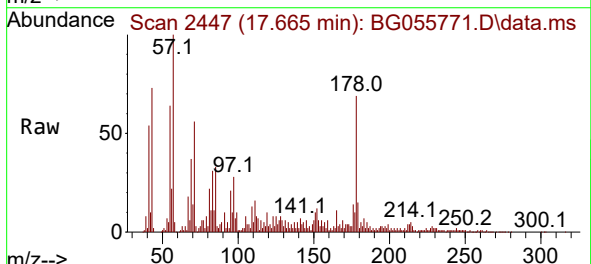
Instrument :
 BNA_G
 ClientSampleId :
 DF-SPILL-DRUM-11-3

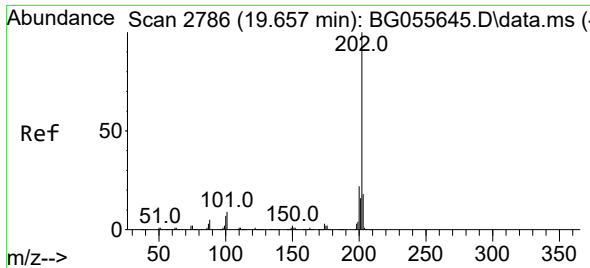
Tgt Ion:200 Resp: 16649
 Ion Ratio Lower Upper
 200 100
 173 49.7 5.6 45.6#
 215 34.3 27.2 67.2



#71
 Phenanthrene
 Concen: 15.655 ng
 RT: 17.665 min Scan# 2447
 Delta R.T. 0.017 min
 Lab File: BG055771.D
 Acq: 24 Nov 2022 1:47

Tgt Ion:178 Resp: 193561
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 21.7 12.7 19.1#

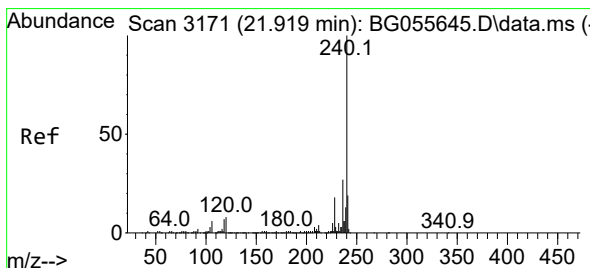
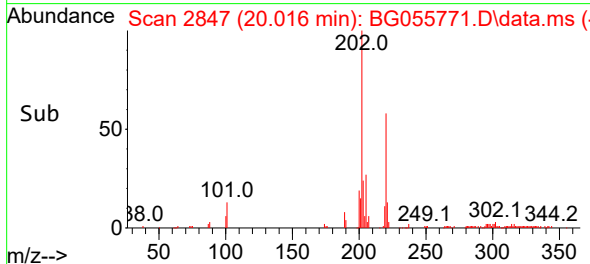
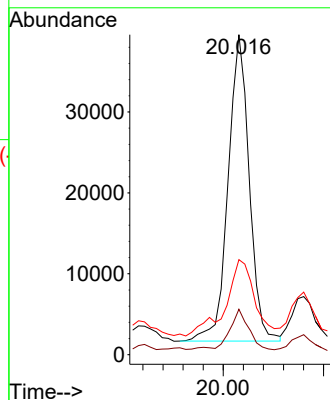
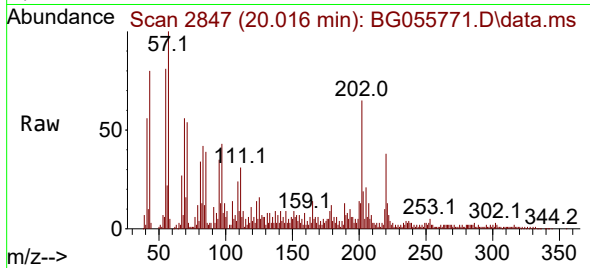




#75
Fluoranthene
Concen: 3.682 ng
RT: 20.016 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

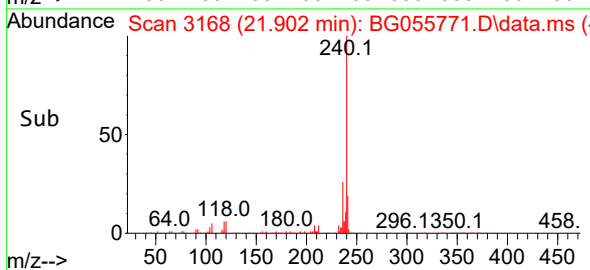
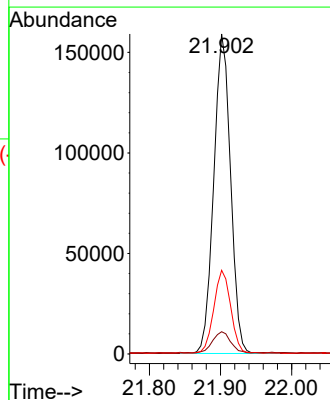
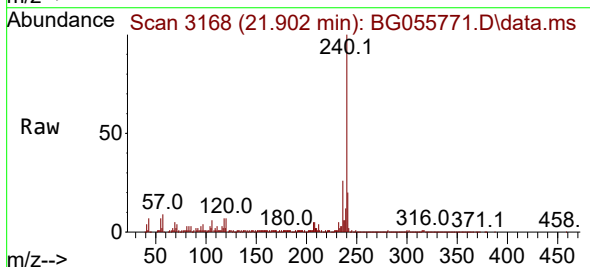
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

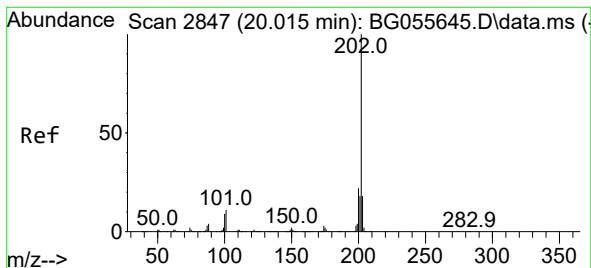
Tgt Ion:202 Resp: 55379
Ion Ratio Lower Upper
202 100
101 14.2 0.0 28.8
203 29.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:240 Resp: 260634
Ion Ratio Lower Upper
240 100
120 6.9 6.3 9.5
236 26.1 21.9 32.9





#78

Pyrene

Concen: 3.139 ng

RT: 20.016 min Scan# 2

Delta R.T. 0.006 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

Instrument :

BNA_G

ClientSampleId :

DF-SPILL-DRUM-11-3

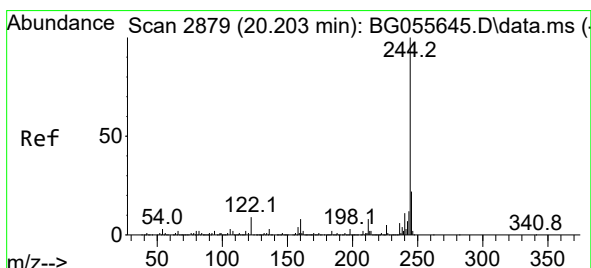
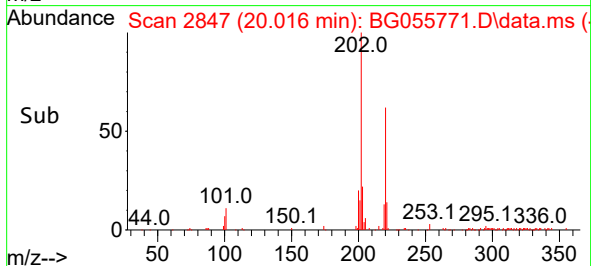
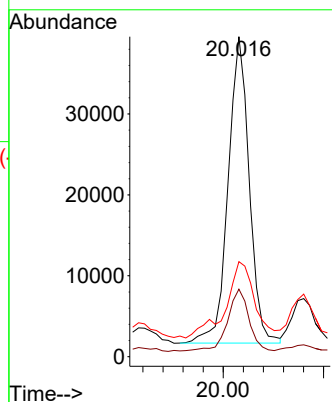
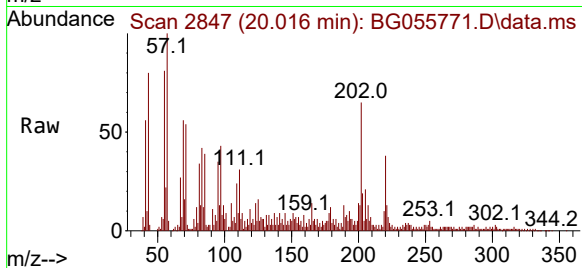
Tgt Ion:202 Resp: 55379

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

203 29.7 14.4 21.6#



#79

Terphenyl-d14

Concen: 5.792 ng

RT: 20.192 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BG055771.D

Acq: 24 Nov 2022 1:47

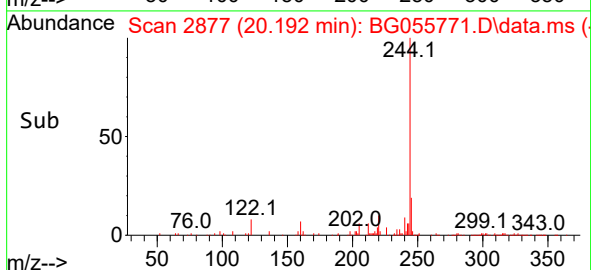
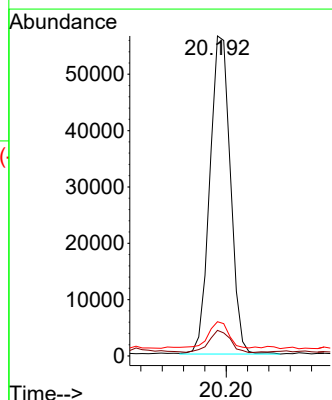
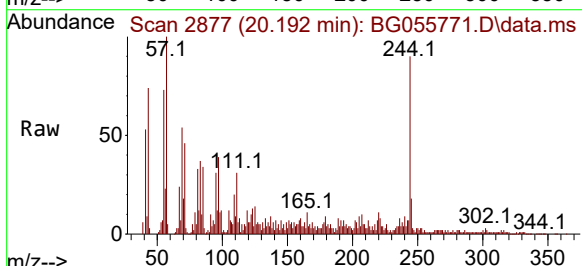
Tgt Ion:244 Resp: 75478

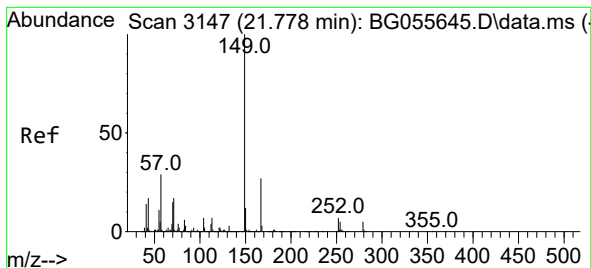
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 10.7 6.9 10.3#

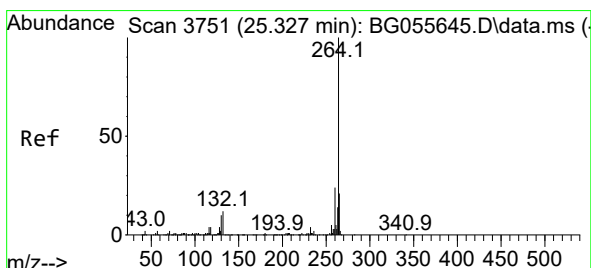
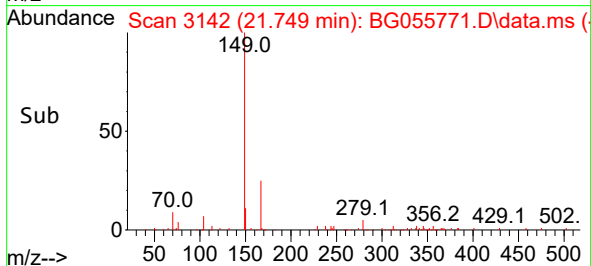
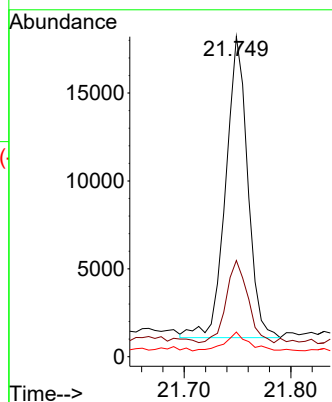
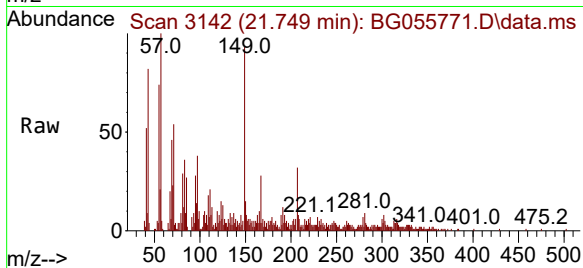




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.473 ng
RT: 21.749 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

Tgt Ion:149 Resp: 24549
Ion Ratio Lower Upper
149 100
167 30.1 22.0 33.0
279 7.7 3.7 5.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.304 min Scan# 3747
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

Tgt Ion:264 Resp: 276637
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 17.1 25.7

