

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)

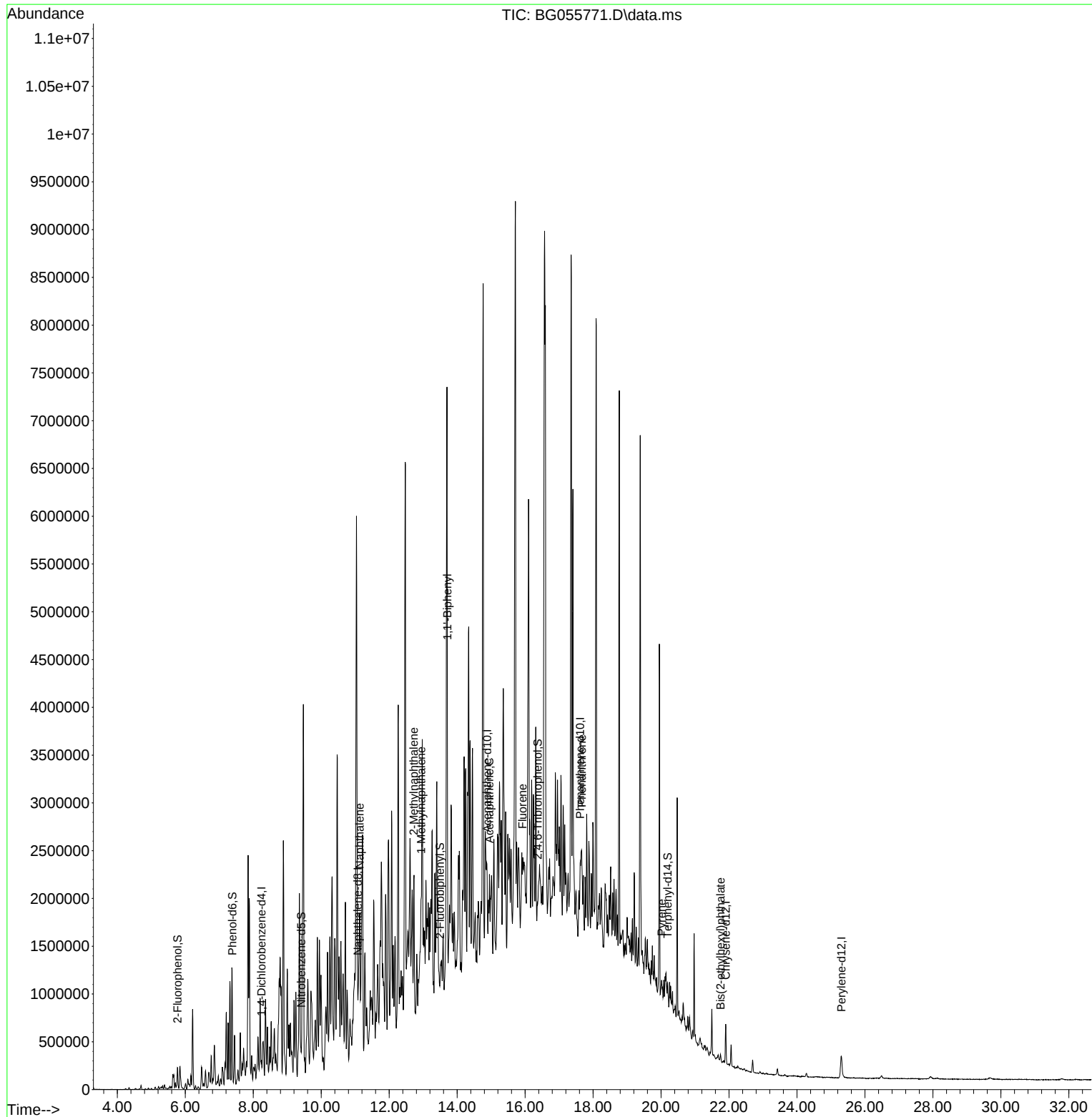
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	48521	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	182099	20.000	ng	# 0.01
39) Acenaphthene-d10	14.880	164	118145	20.000	ng	0.02
64) Phenanthrene-d10	17.618	188	229113	20.000	ng	# 0.01
76) Chrysene-d12	21.902	240	260634	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	11.132	128	290136	29.473	ng	# 81
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
52) Acenaphthene	14.945	154	36567	5.077	ng	# 54
58) Fluorene	15.920	166	85775	9.666	ng	# 85
71) Phenanthrene	17.665	178	193561	15.655	ng	# 93
78) Pyrene	20.016	202	55379	3.139	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.749	149	24549	2.473	ng	# 94

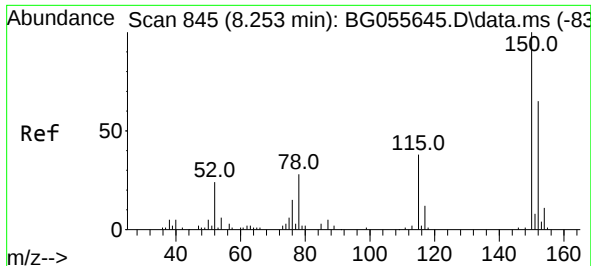
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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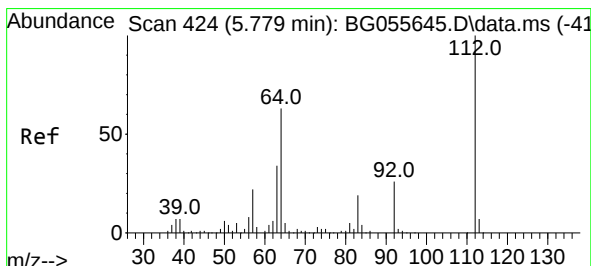
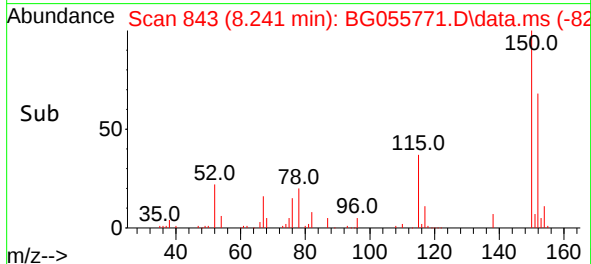
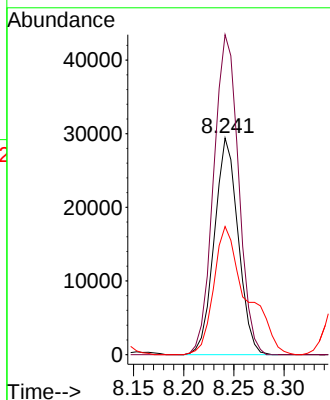
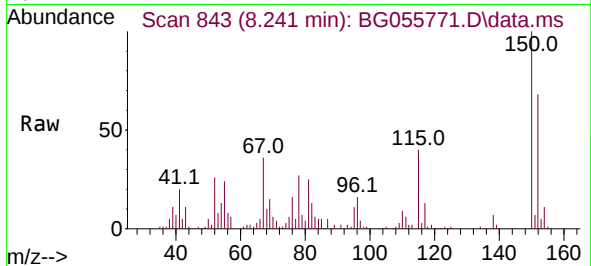




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 845
Delta R.T. 0.005 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

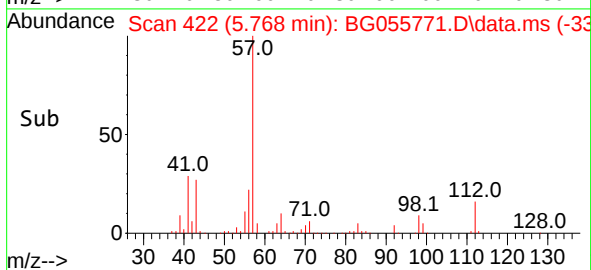
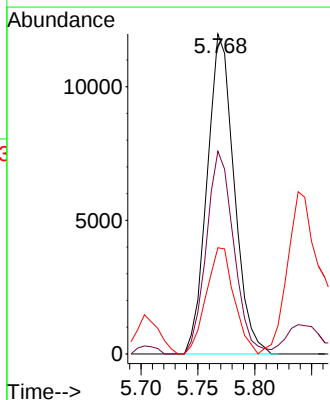
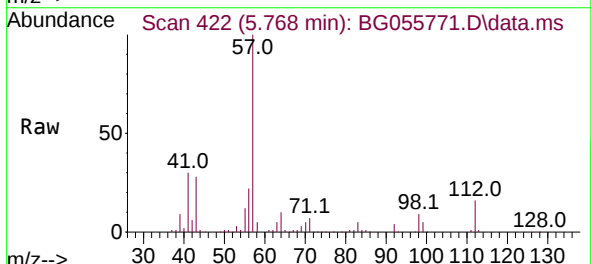
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

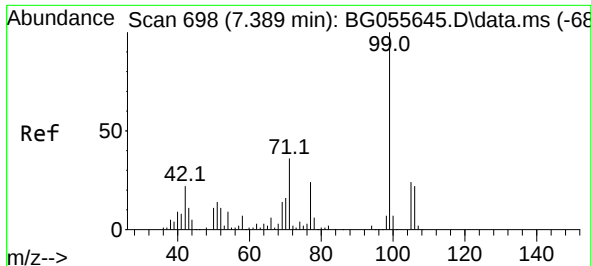
Tgt Ion:152 Resp: 48521
Ion Ratio Lower Upper
152 100
150 147.8 123.0 184.6
115 59.1 47.0 70.4



#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

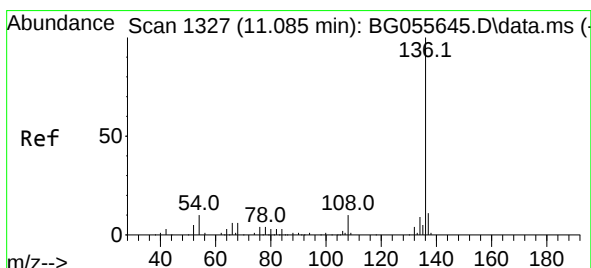
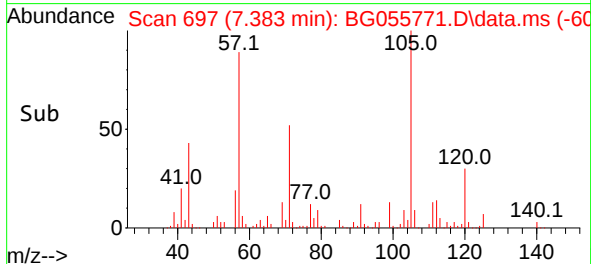
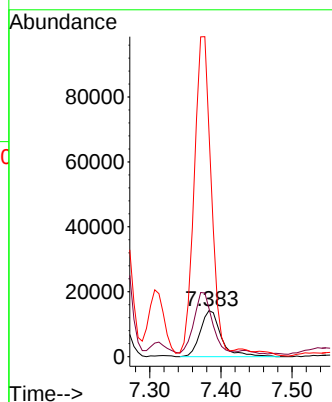
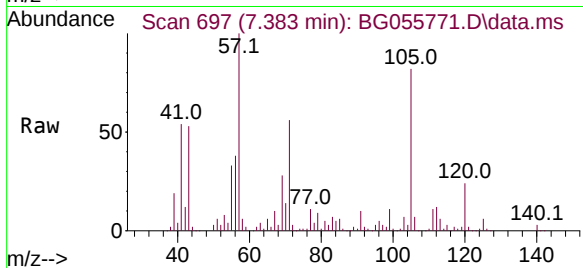




#7
Phenol-d6
Concen: 8.005 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

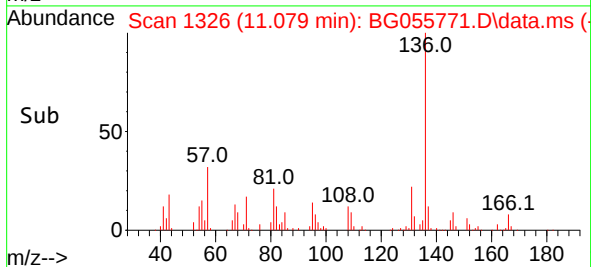
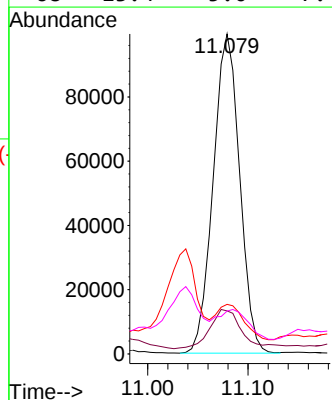
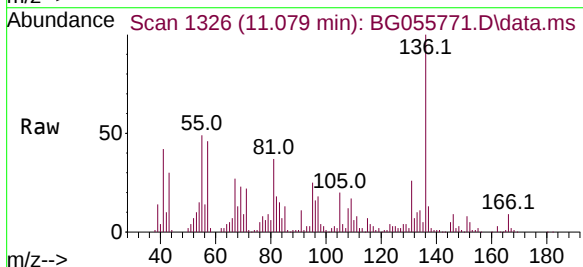
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

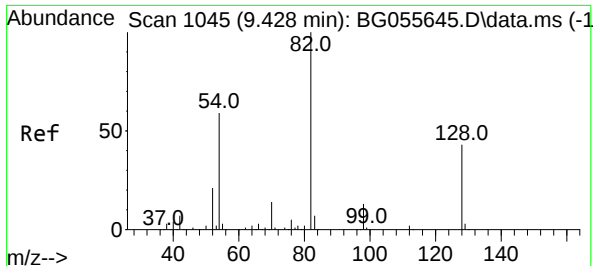
Tgt Ion: 99 Resp: 28605
Ion Ratio Lower Upper
99 100
42 104.7 18.0 27.0#
71 488.4 29.0 43.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1326
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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#





#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 :

BNA_G

ClientSampleId :

DF-SPILL-DRUM-11-3

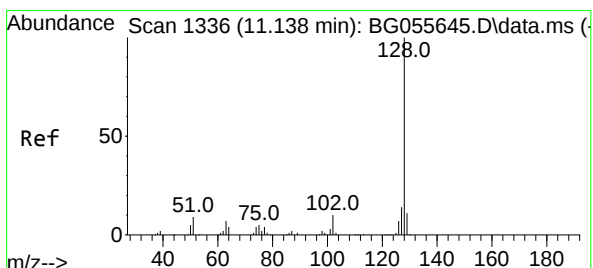
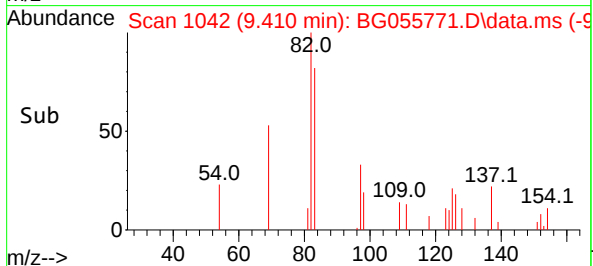
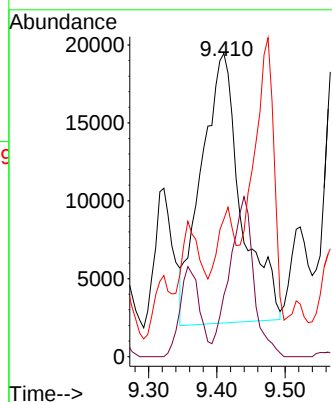
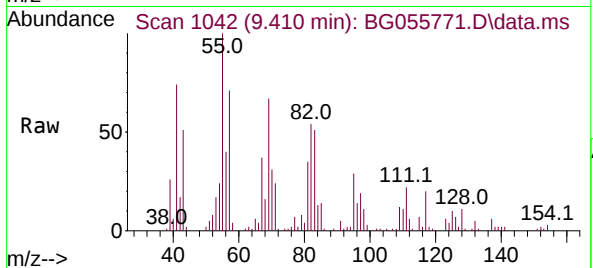
Tgt Ion: 82 Resp: 69933

Ion Ratio Lower Upper

82 100

128 20.3 34.1 51.1#

54 45.4 47.3 70.9#



#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

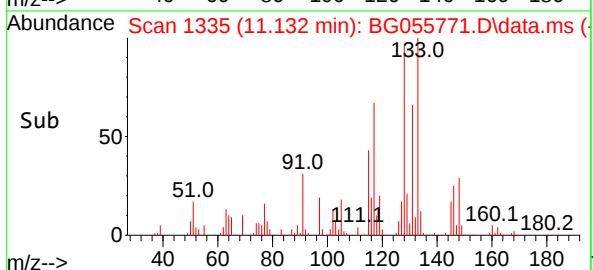
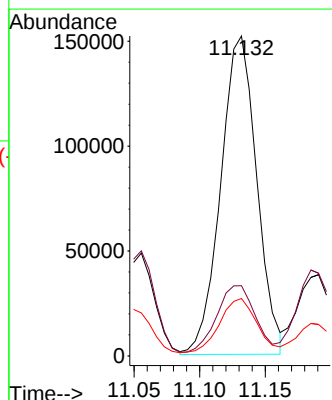
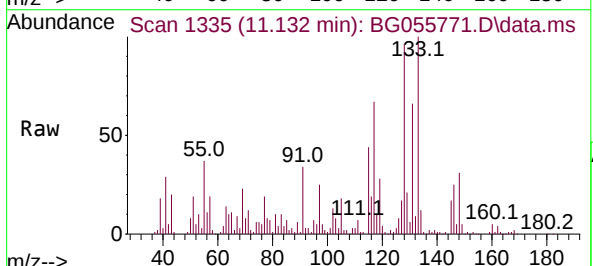
Tgt Ion:128 Resp: 290136

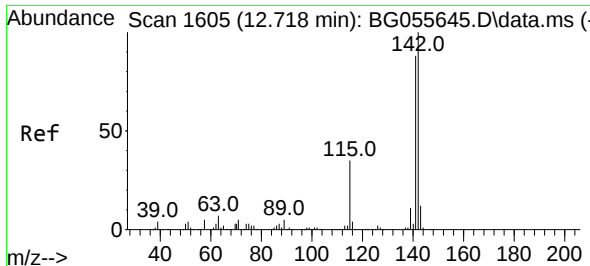
Ion Ratio Lower Upper

128 100

129 21.9 8.7 13.1#

127 17.9 10.9 16.3#

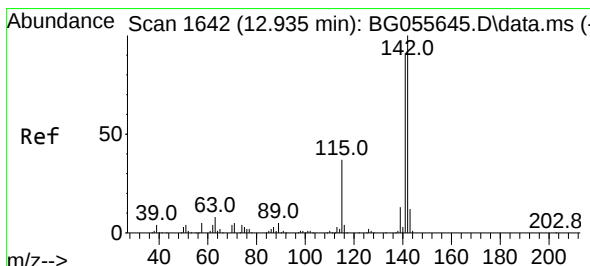
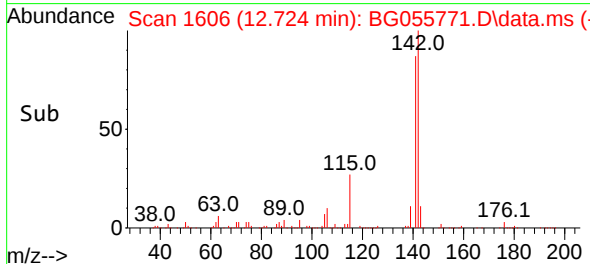
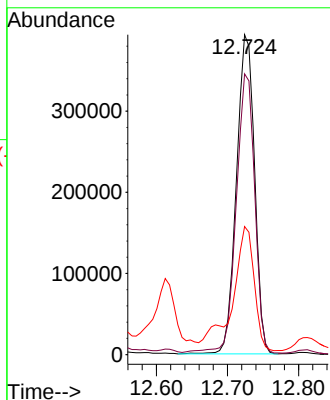
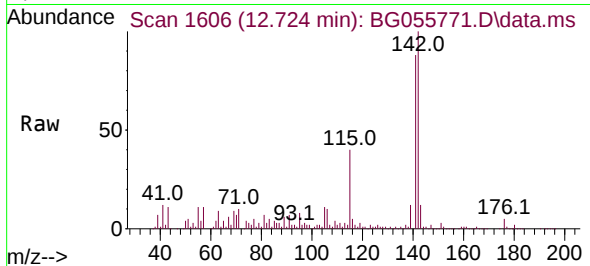




#37
2-Methylnaphthalene
Concen: 93.927 ng
RT: 12.724 min Scan# 1606
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

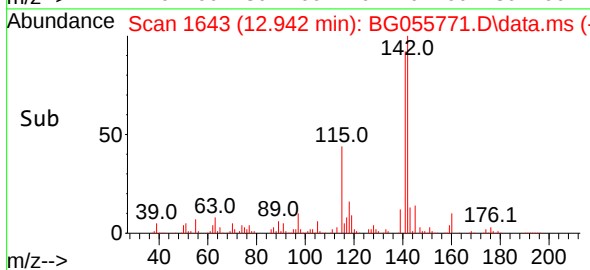
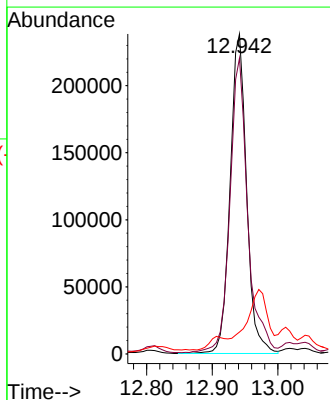
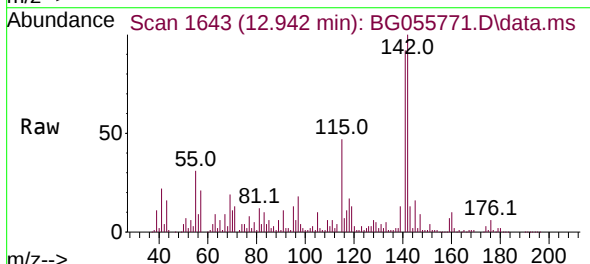
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

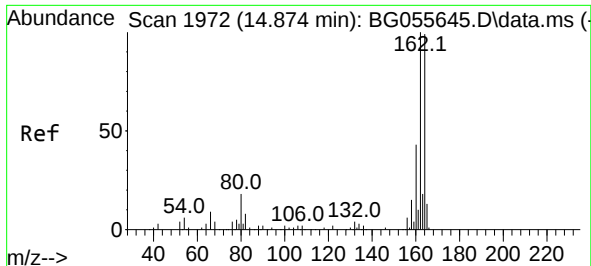
Tgt Ion:142 Resp: 692303
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 40.0 27.9 41.9



#38
1-Methylnaphthalene
Concen: 57.918 ng
RT: 12.942 min Scan# 1643
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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#

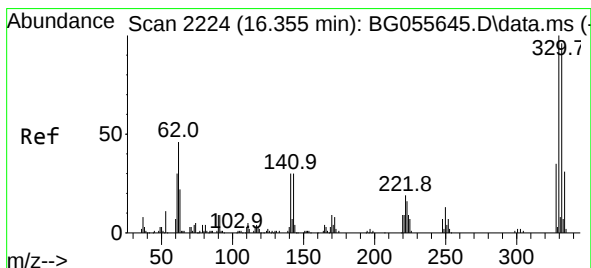
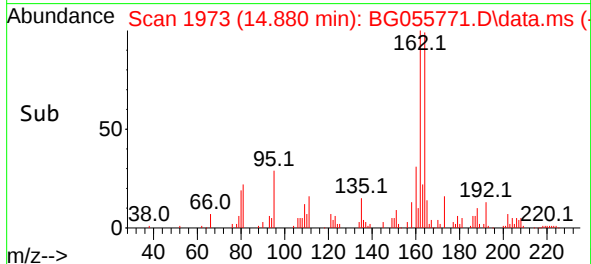
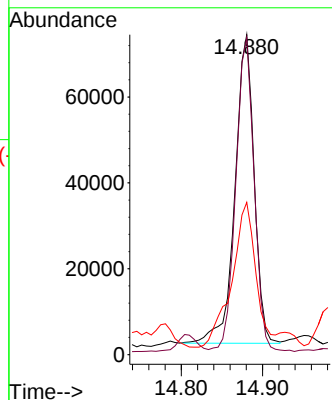
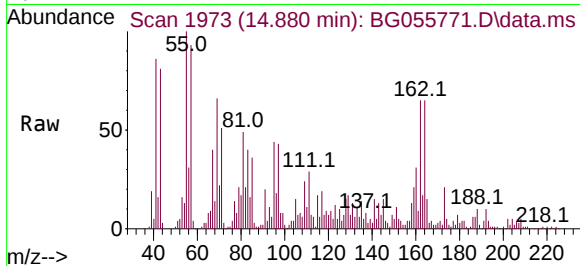




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1972
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

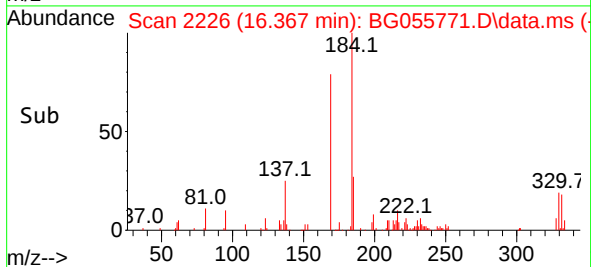
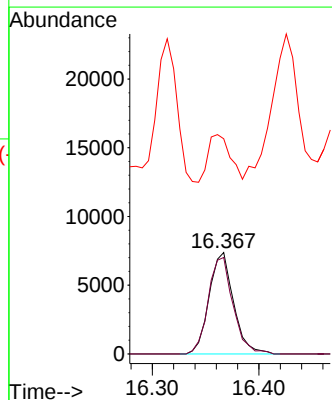
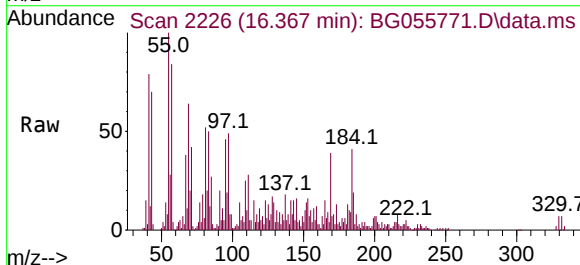
Instrument :
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ClientSampleId :
DF-SPILL-DRUM-11-3

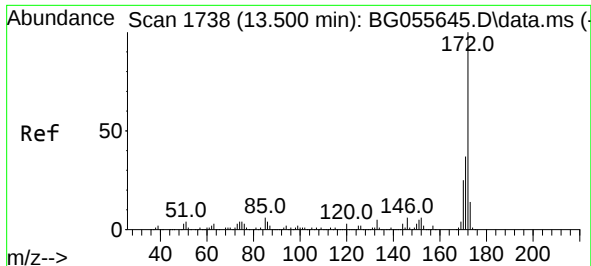
Tgt Ion:164 Resp: 118145
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 47.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 7.044 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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#

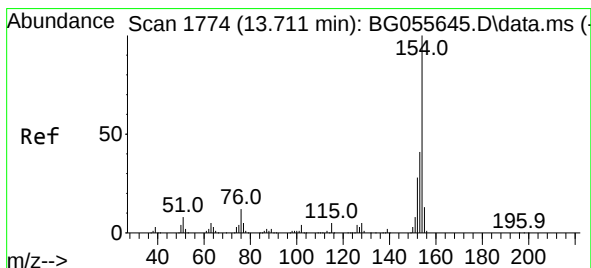
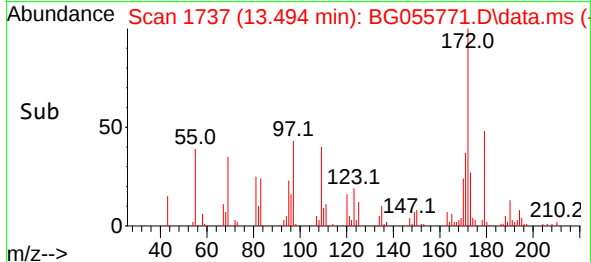
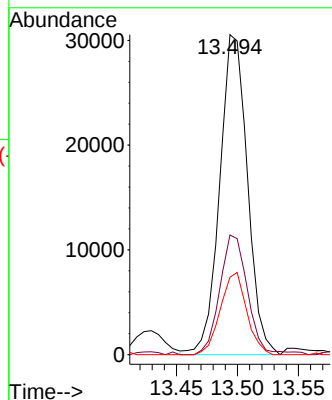
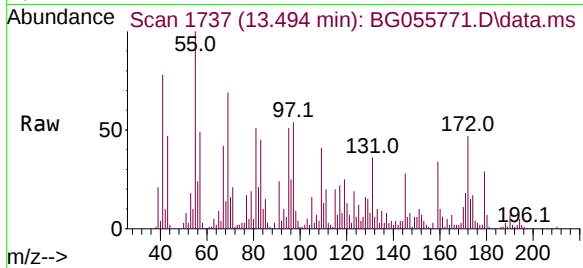




#45
2-Fluorobiphenyl
Concen: 6.131 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

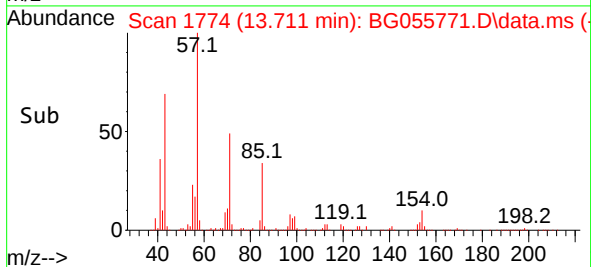
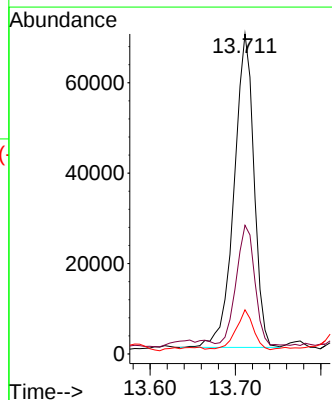
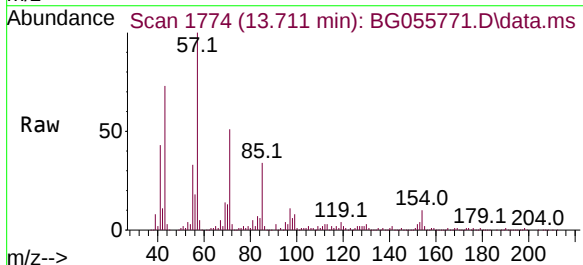
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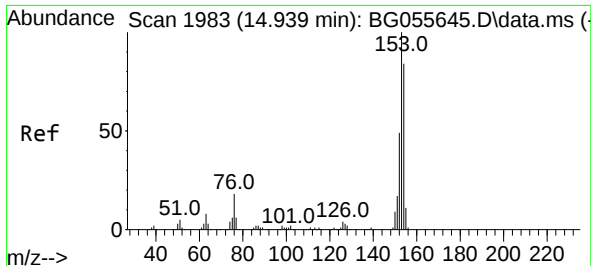
Tgt Ion:172 Resp: 48351
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 13.060 ng
RT: 13.711 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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

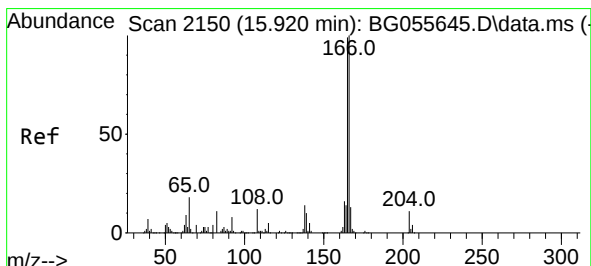
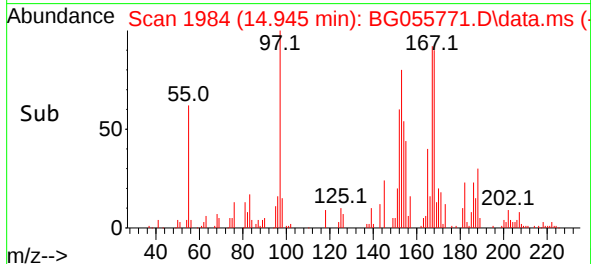
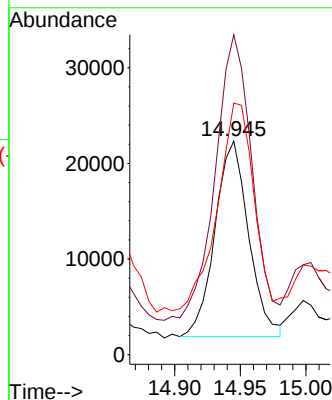
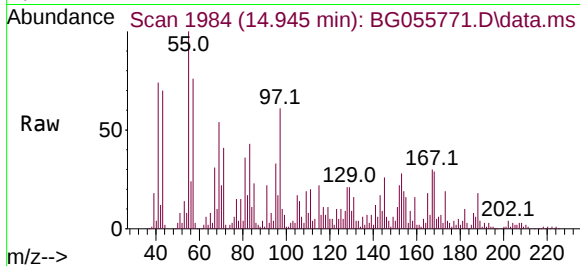




#52
Acenaphthene
Concen: 5.077 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.017 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

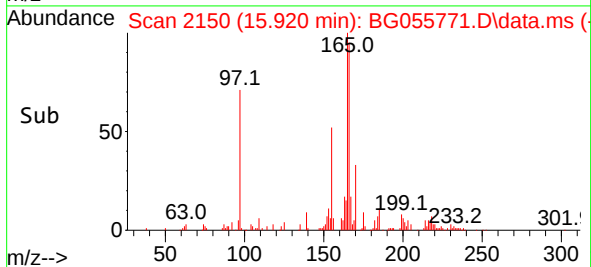
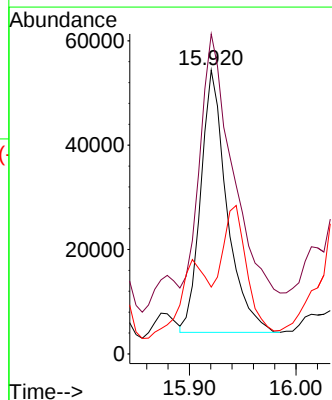
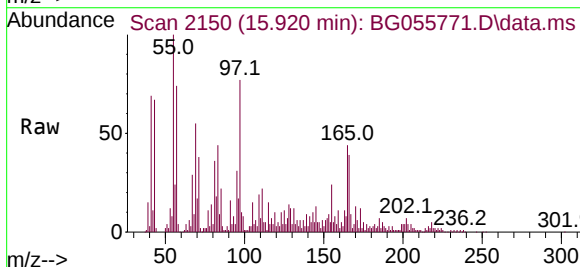
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

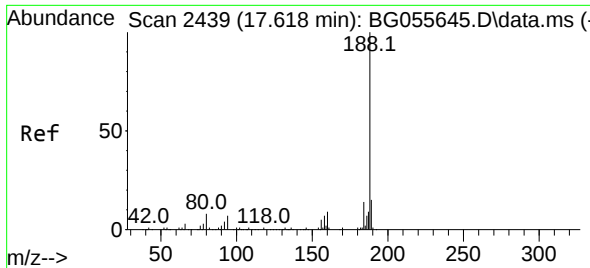
Tgt Ion:154 Resp: 36567
Ion Ratio Lower Upper
154 100
153 149.9 95.0 142.4#
152 117.8 46.1 69.1#



#58
Fluorene
Concen: 9.666 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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#

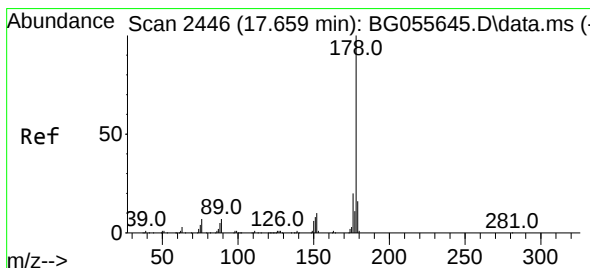
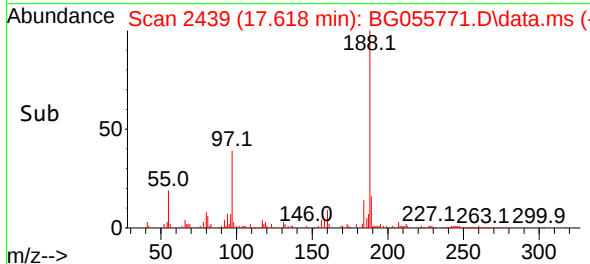
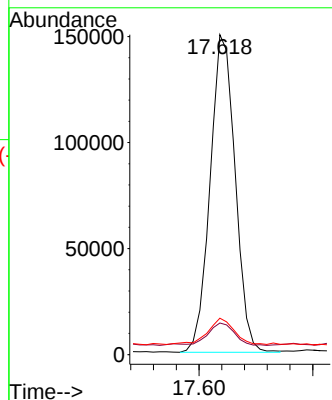
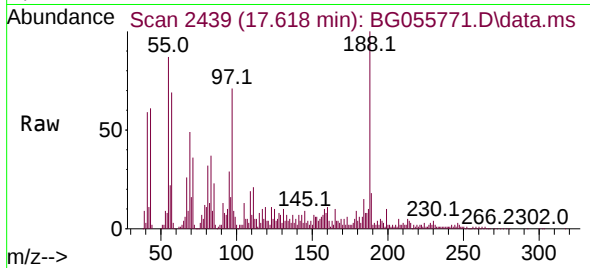




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.011 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

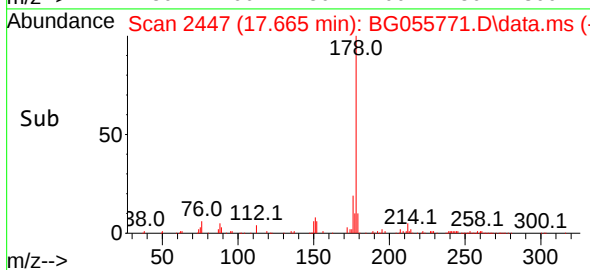
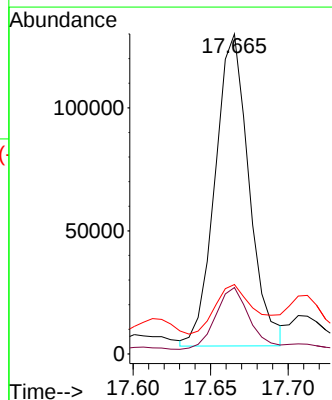
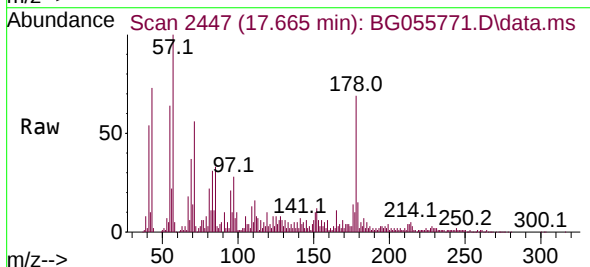
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

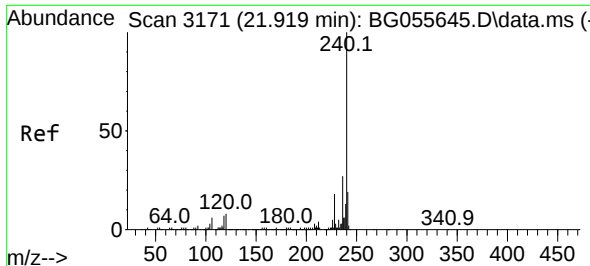
Tgt Ion:188 Resp: 229113
Ion Ratio Lower Upper
188 100
94 9.9 5.4 8.2#
80 11.4 6.6 10.0#



#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#

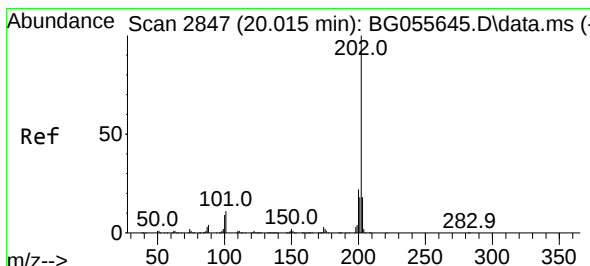
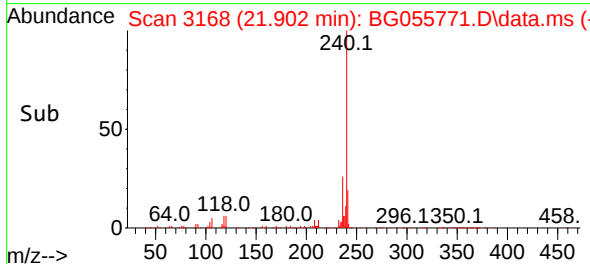
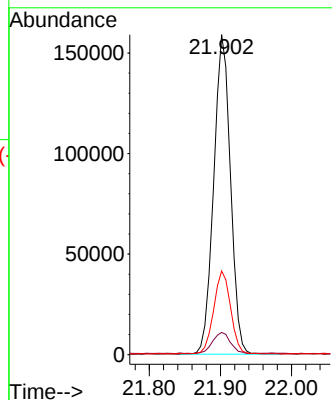
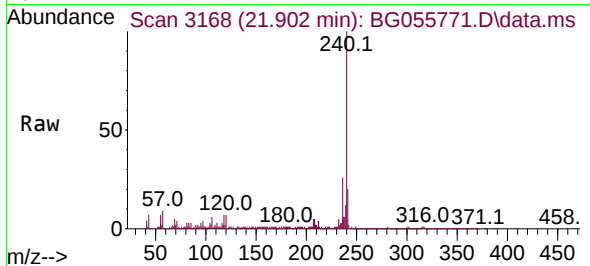




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3171
Delta R.T. -0.000 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

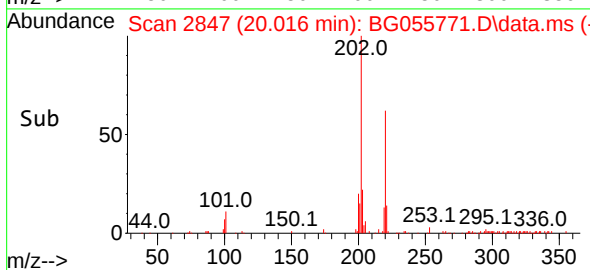
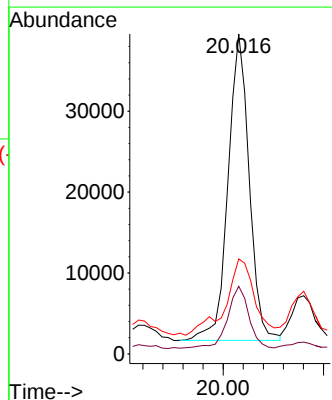
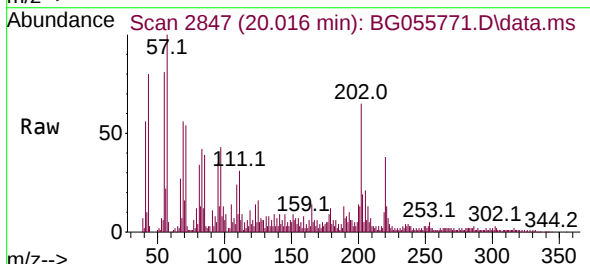
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3

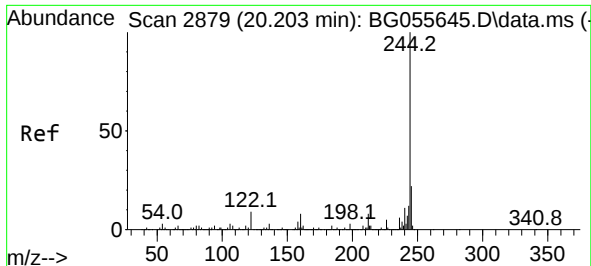
Tgt Ion:240 Resp: 260634
Ion Ratio Lower Upper
240 100
120 6.9 6.3 9.5
236 26.1 21.9 32.9



#78
Pyrene
Concen: 3.139 ng
RT: 20.016 min Scan# 2847
Delta R.T. 0.006 min
Lab File: BG055771.D
Acq: 24 Nov 2022 1:47

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#

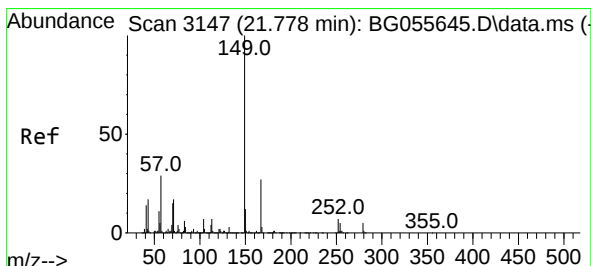
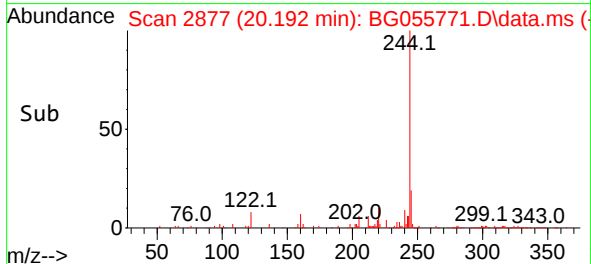
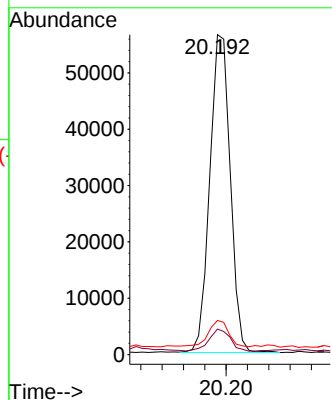
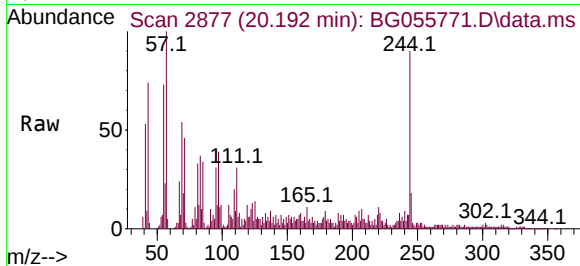




#79
 Terphenyl-d14
 Concen: 5.792 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055771.D
 Acq: 24 Nov 2022 1:47

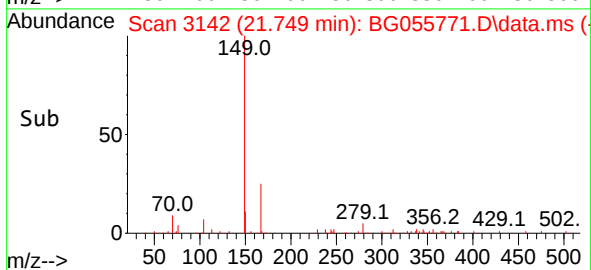
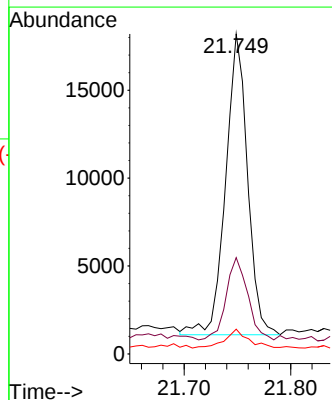
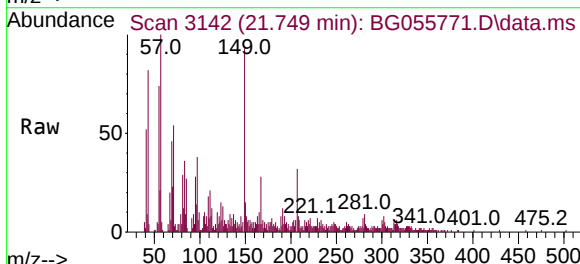
Instrument :
 BNA_G
 ClientSampleId :
 DF-SPILL-DRUM-11-3

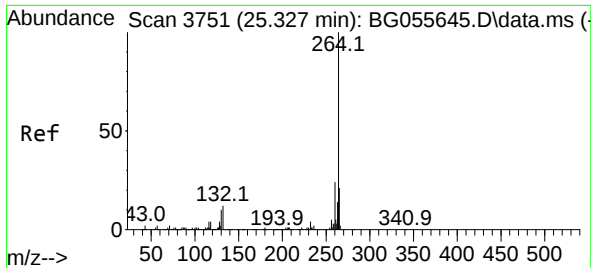
Tgt Ion:244 Resp: 75478
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.7 6.9 10.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.473 ng
 RT: 21.749 min Scan# 3142
 Delta R.T. -0.006 min
 Lab File: BG055771.D
 Acq: 24 Nov 2022 1:47

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# 31

Delta R.T. -0.000 min

Lab File: BG055771.D

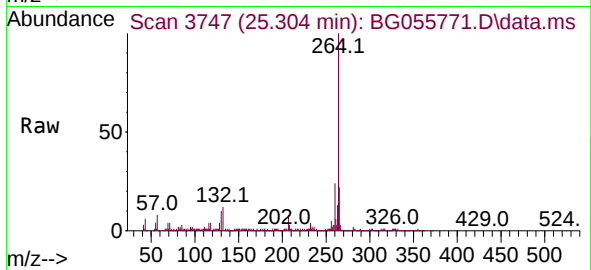
Acq: 24 Nov 2022 1:47

Instrument :

BNA_G

ClientSampleId :

DF-SPILL-DRUM-11-3



Tgt Ion:264 Resp: 276637

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 17.1 25.7

