

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055793.D
 Acq On : 25 Nov 2022 23:29
 Operator : CG/JU
 Sample : N5692-01DL 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/28/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

Quant Time: Nov 26 00:30:40 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	8.236	152	61986	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	236115	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	153924	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	319313	20.000	ng	0.00
76) Chrysene-d12	21.896	240	332791	20.000	ng	0.00
86) Perylene-d12	25.298	264	360358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	5334	1.555	ng	0.00
7) Phenol-d6	7.384	99	7734	1.694	ng	0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	16.344	330	2888	1.332	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	12847	1.250	ng	0.00
79) Terphenyl-d14	20.186	244	21396	1.286	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.115	128	80431	6.301	ng	# 81
37) 2-Methylnaphthalene	12.707	142	194557	20.358	ng	99
38) 1-Methylnaphthalene	12.924	142	114400m	12.331	ng	
46) 1,1'-Biphenyl	13.694	154	36046	3.214	ng	95
58) Fluorene	15.903	166	25038	2.166	ng	# 80
71) Phenanthrene	17.642	178	56355	3.270	ng	# 94

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

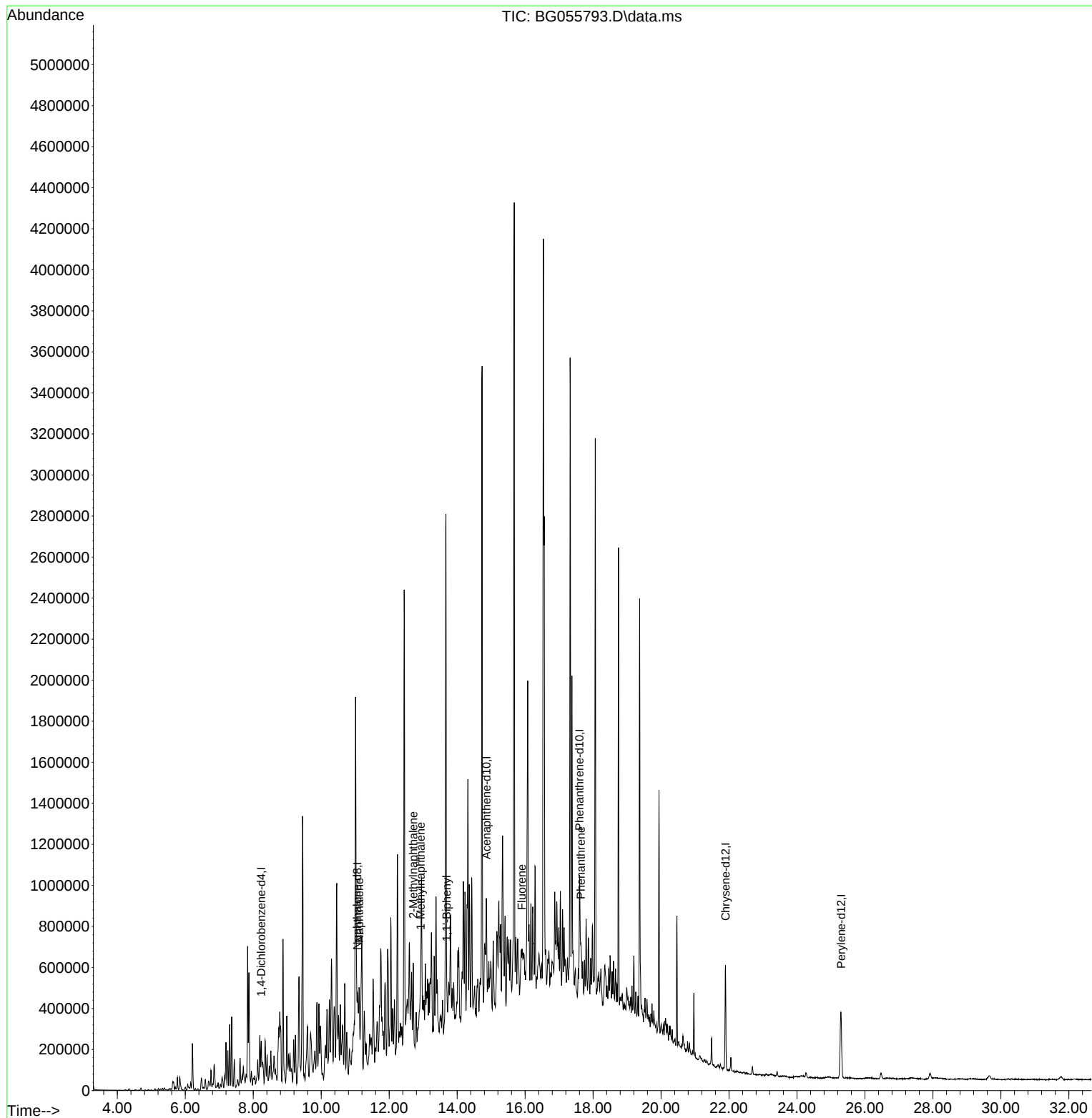
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055793.D
Acq On : 25 Nov 2022 23:29
Operator : CG/JU
Sample : N5692-01DL 50X
Misc :
ALS Vial : 14 Sample Multiplier: 1

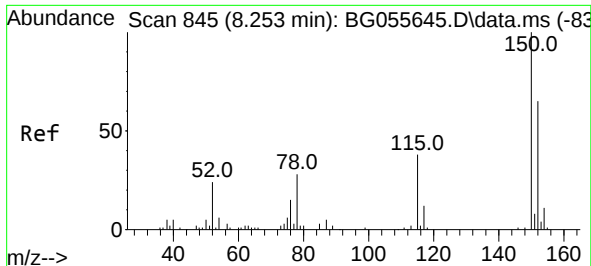
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL

Quant Time: Nov 26 00:30:40 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

Manual Integrations
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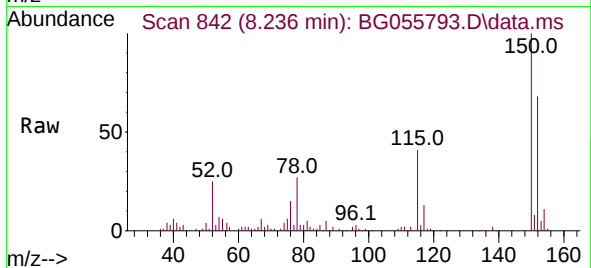
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

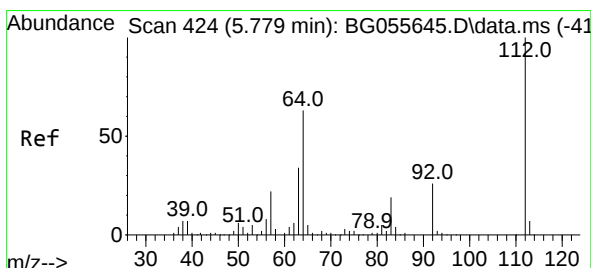
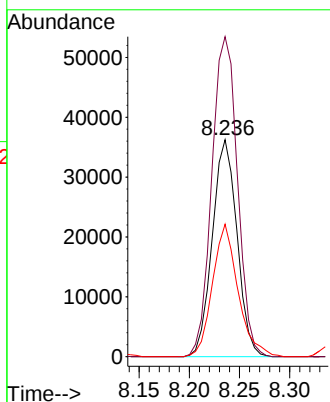
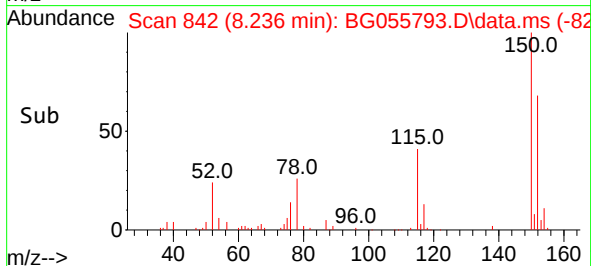
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



Tgt Ion:152 Resp: 61986
Ion Ratio Lower Upper
152 100
150 147.5 123.0 184.6
115 61.0 47.0 70.4

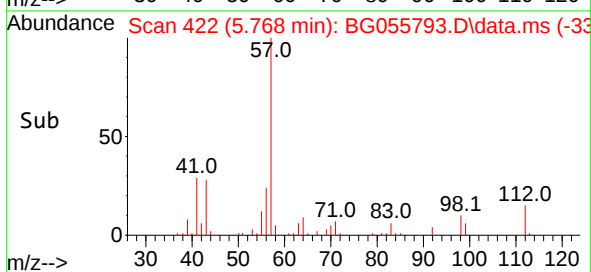
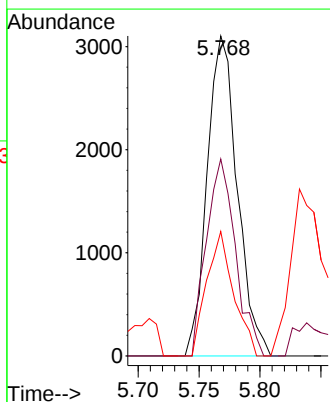
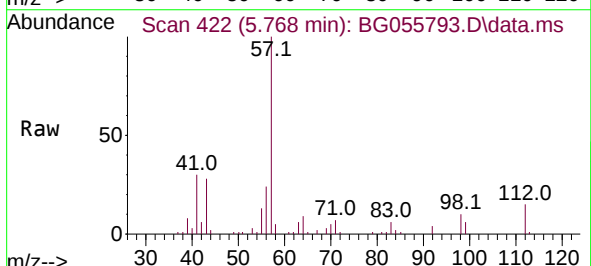
Manual Integrations
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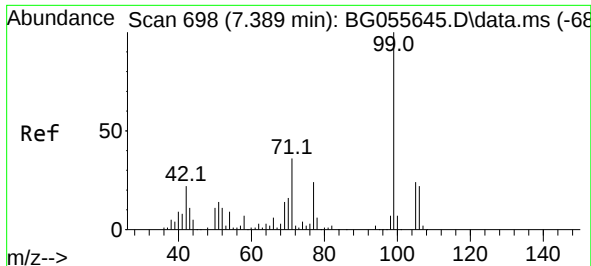
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#5
2-Fluorophenol
Concen: 1.555 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

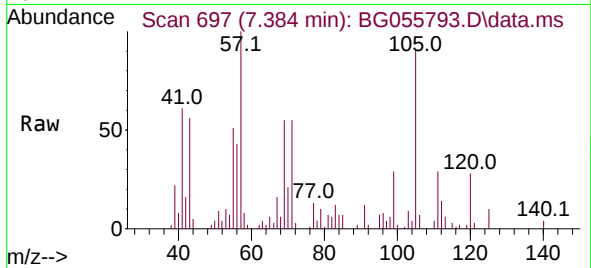
Tgt Ion:112 Resp: 5334
Ion Ratio Lower Upper
112 100
64 61.5 50.6 76.0
63 38.9 27.5 41.3





#7
Phenol-d6
Concen: 1.694 ng
RT: 7.384 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

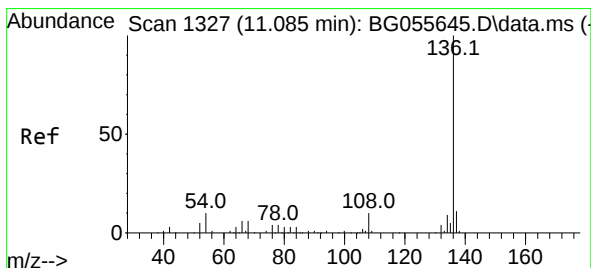
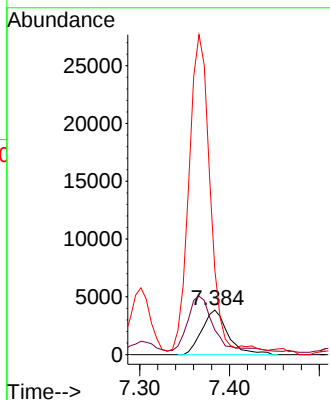
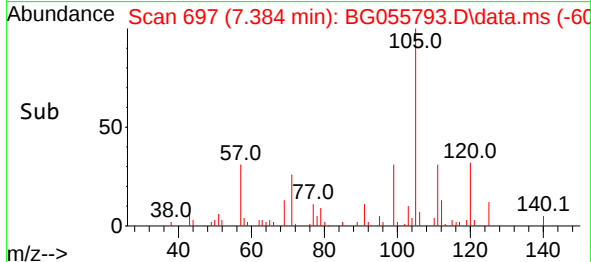
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



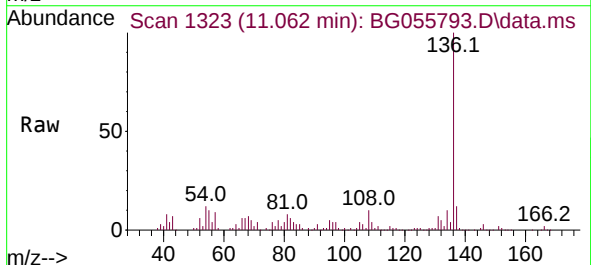
Tgt Ion: 99 Resp: 7734
Ion Ratio Lower Upper
99 100
42 55.1 18.0 27.0
71 190.0 29.0 43.6

Manual Integrations
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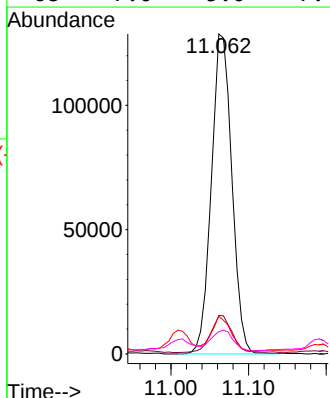
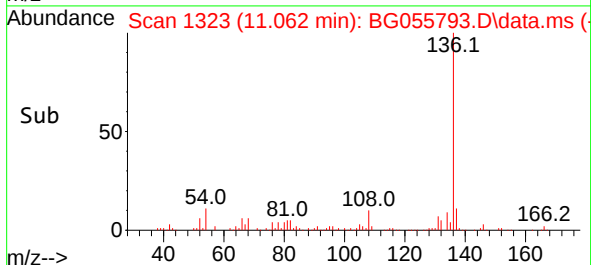
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

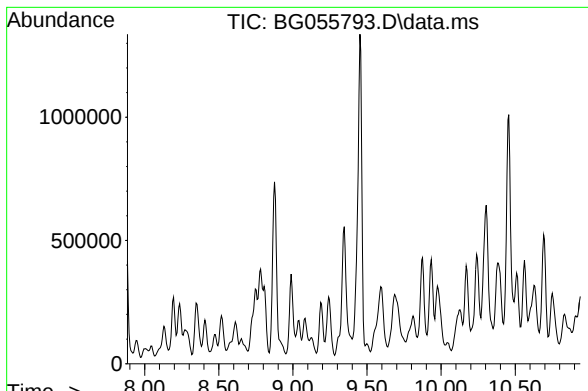


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29



Tgt Ion:136 Resp: 236115
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 11.7 7.8 11.6
68 7.0 5.0 7.4





#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.41 min

Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

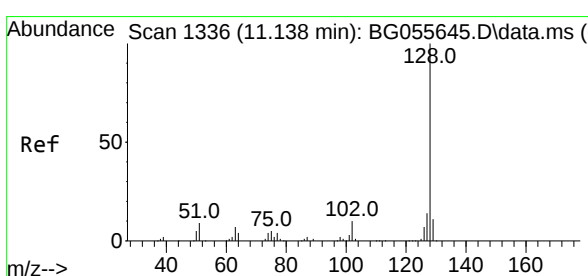
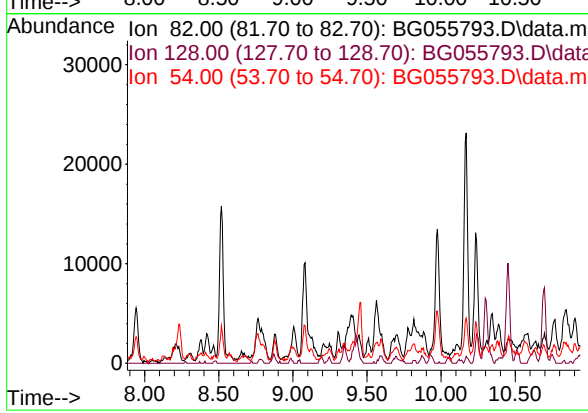
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 42.6
 54 59.1

Instrument :
 BNA_G

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

Manual Integrations
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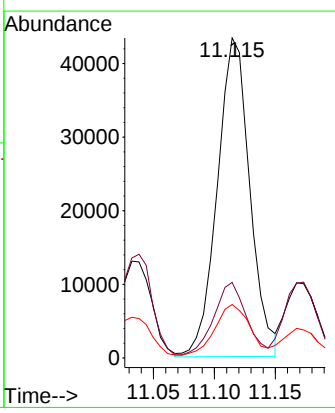
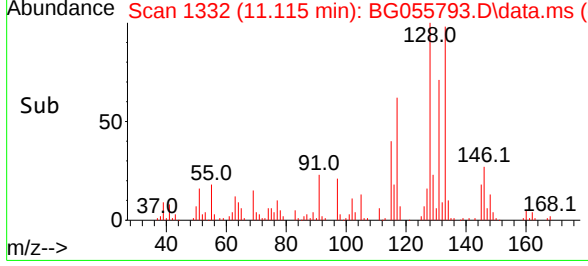
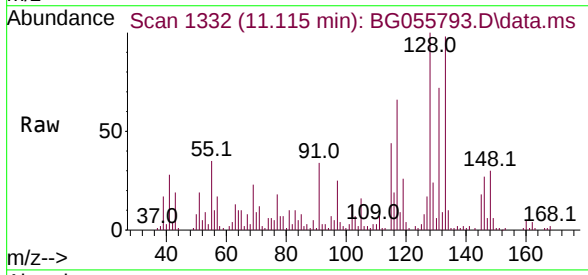
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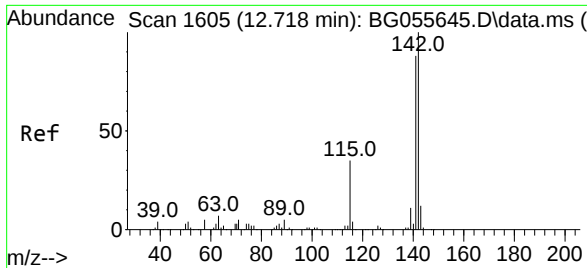


#31
 Naphthalene
 Concen: 6.301 ng
 RT: 11.115 min Scan# 1332
 Delta R.T. -0.006 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

Tgt Ion:128 Resp: 80431

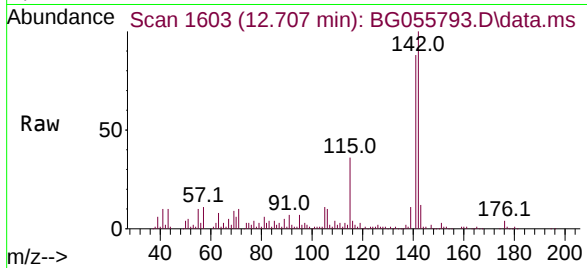
Ion	Ratio	Lower	Upper
128	100		
129	23.6	8.7	13.1#
127	16.7	10.9	16.3#





#37
2-Methylnaphthalene
Concen: 20.358 ng
RT: 12.707 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

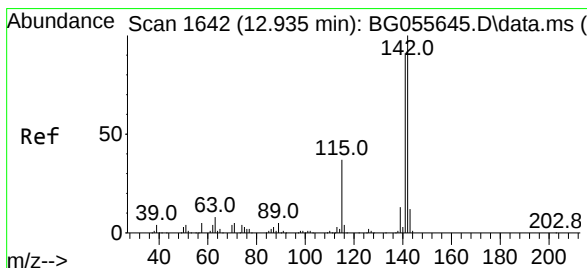
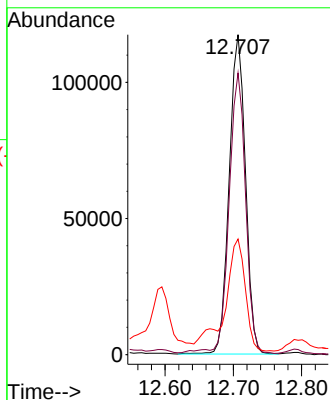
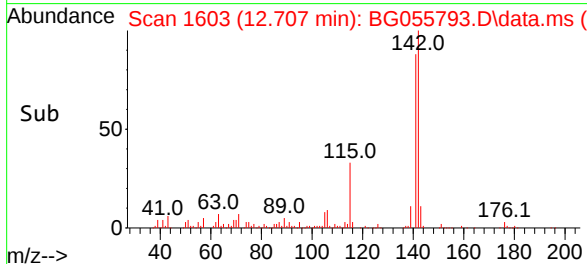
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



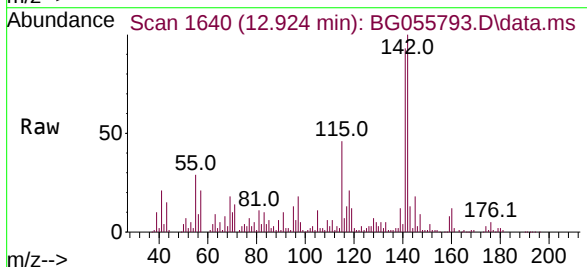
Tgt Ion:142 Resp: 19455
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 36.1 27.9 41.9

Manual Integrations
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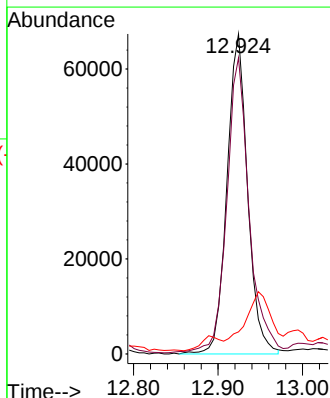
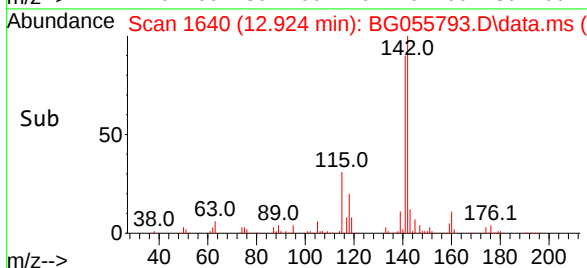
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

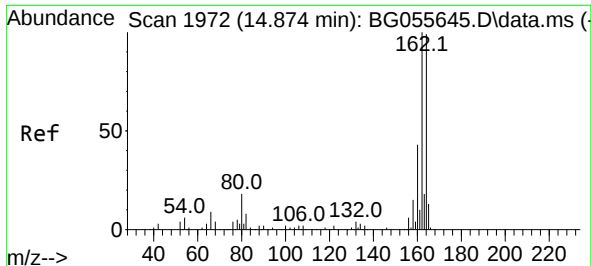


#38
1-Methylnaphthalene
Concen: 12.331 ng m
RT: 12.924 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29



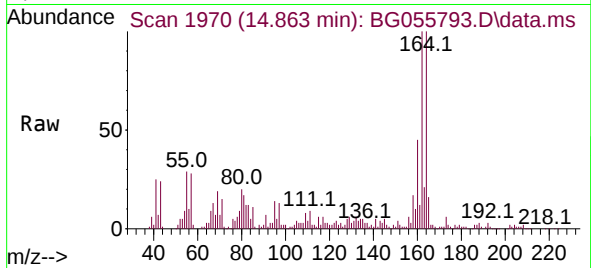
Tgt Ion:142 Resp: 114400
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.4
116 6.9 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

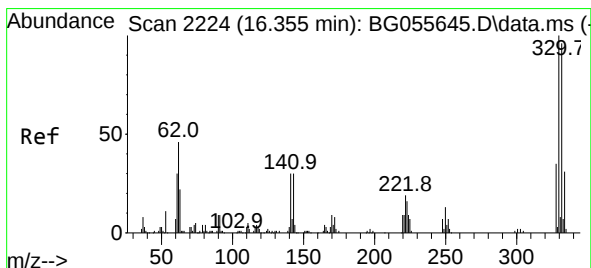
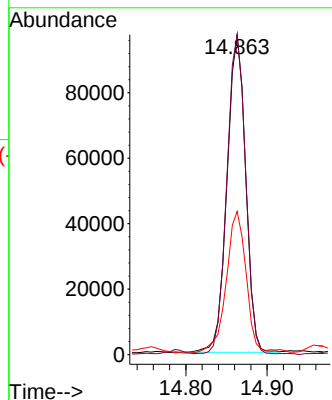
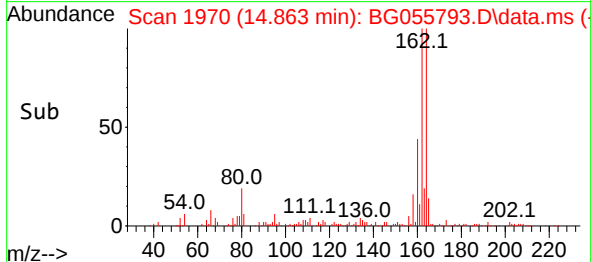
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



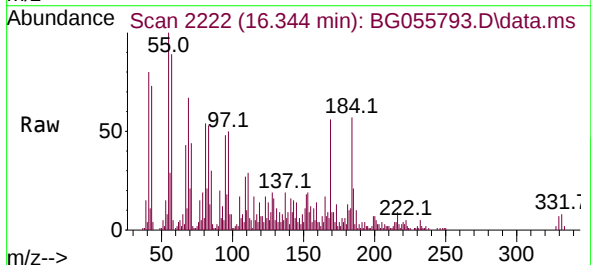
Tgt Ion:164 Resp: 153924
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 44.8 34.8 52.2

Manual Integrations
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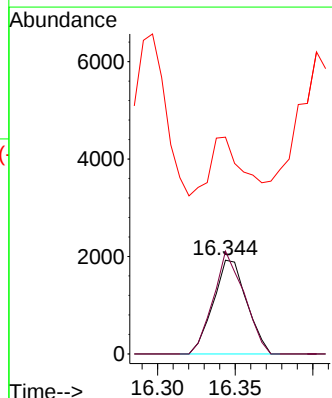
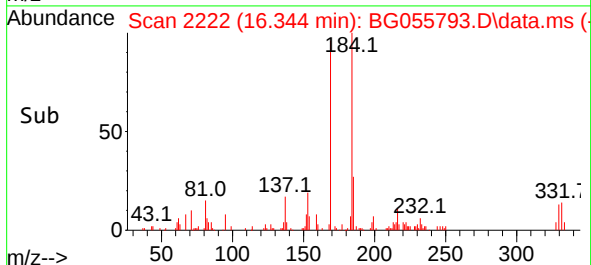
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

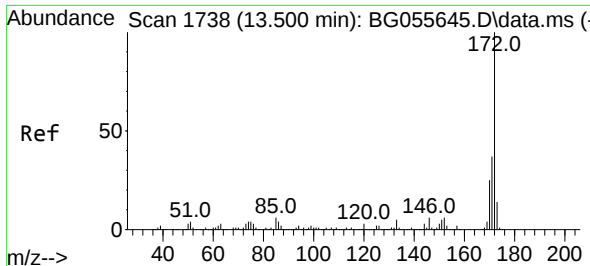


#42
2,4,6-Tribromophenol
Concen: 1.332 ng
RT: 16.344 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29



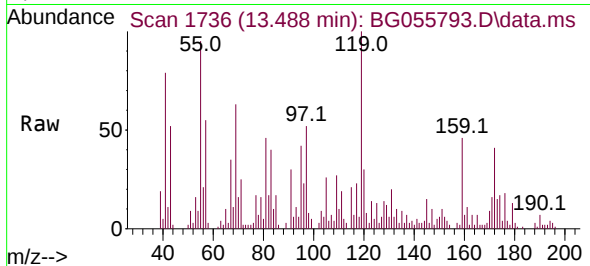
Tgt Ion:330 Resp: 2888
Ion Ratio Lower Upper
330 100
332 101.2 77.8 116.8
141 57.3 23.9 35.9#





#45
2-Fluorobiphenyl
Concen: 1.250 ng
RT: 13.488 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

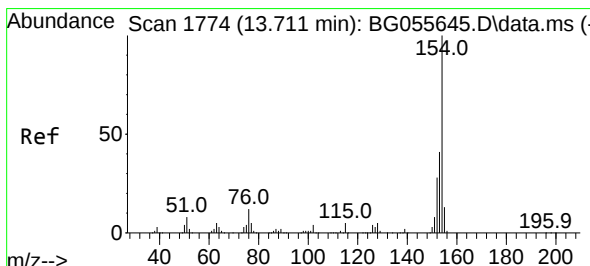
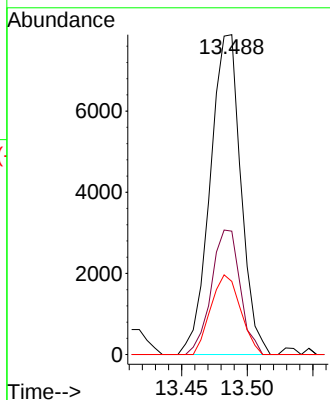
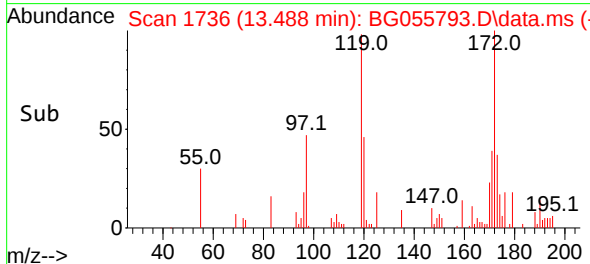
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



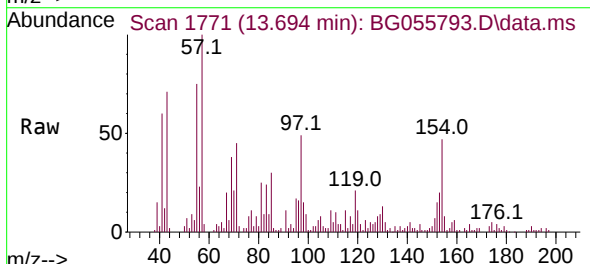
Tgt Ion:172 Resp: 1284
Ion Ratio Lower Upper
172 100
171 38.6 29.8 44.6
170 22.9 20.2 30.4

Manual Integrations
APPROVED

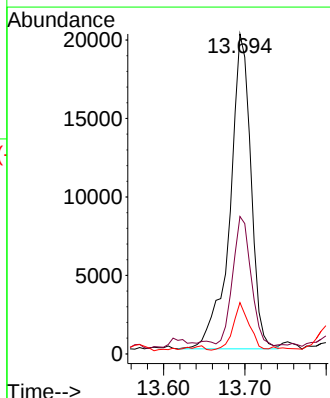
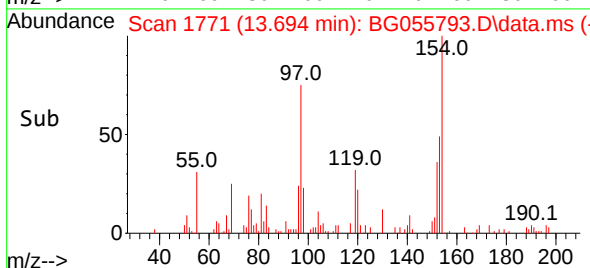
Reviewed By :Christian Giraldo 11/28/2022
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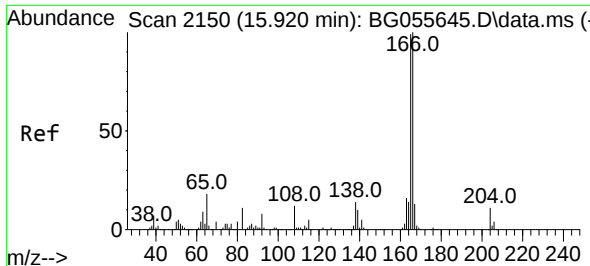


#46
1,1'-Biphenyl
Concen: 3.214 ng
RT: 13.694 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29



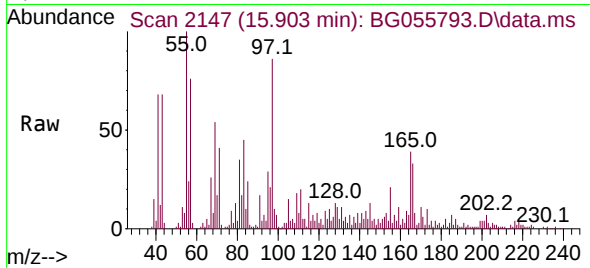
Tgt Ion:154 Resp: 36046
Ion Ratio Lower Upper
154 100
153 42.9 20.6 60.6
76 16.1 0.0 32.4





#58
Fluorene
Concen: 2.166 ng
RT: 15.903 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

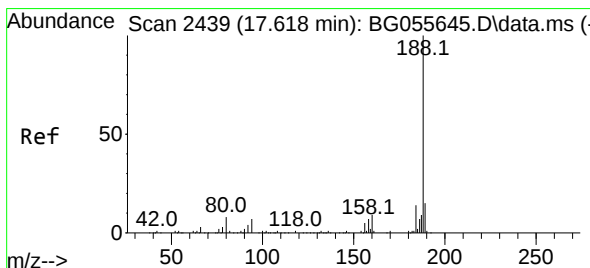
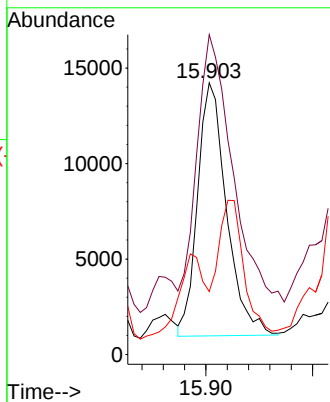
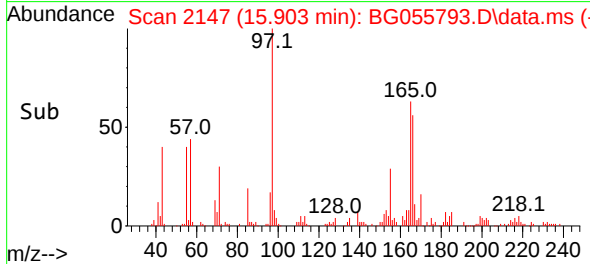
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



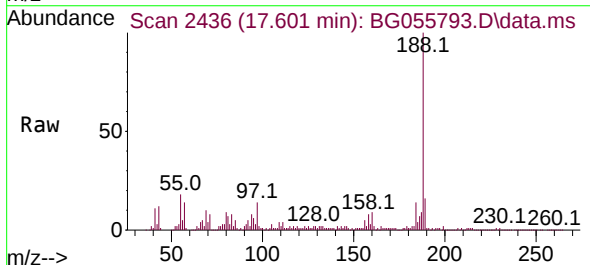
Tgt Ion:166 Resp: 25038
Ion Ratio Lower Upper
166 100
165 117.8 79.3 118.9
167 23.2 10.6 15.8

Manual Integrations
APPROVED

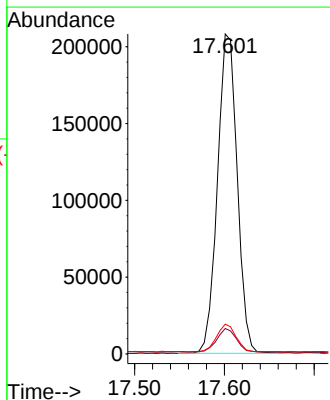
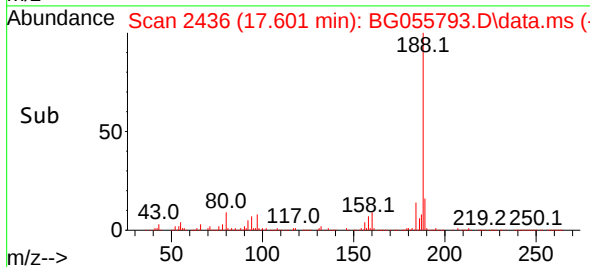
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

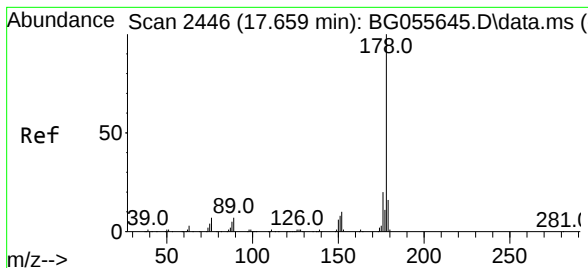


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29



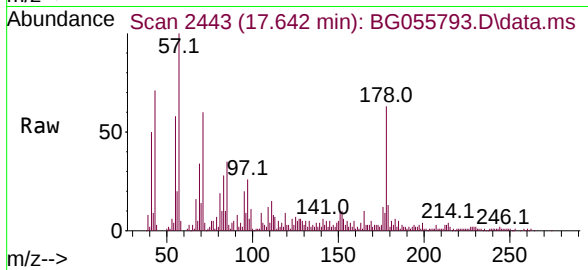
Tgt Ion:188 Resp: 319313
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.2
80 9.3 6.6 10.0





#71
Phenanthrene
Concen: 3.270 ng
RT: 17.642 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

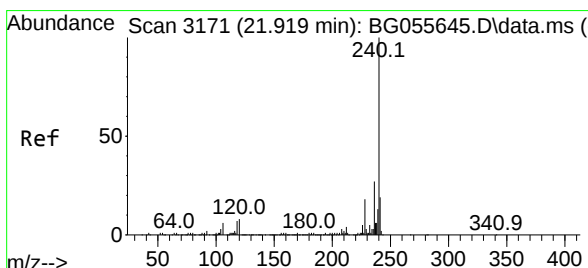
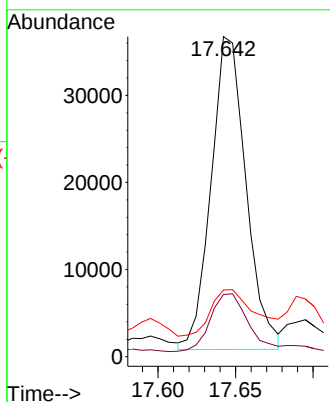
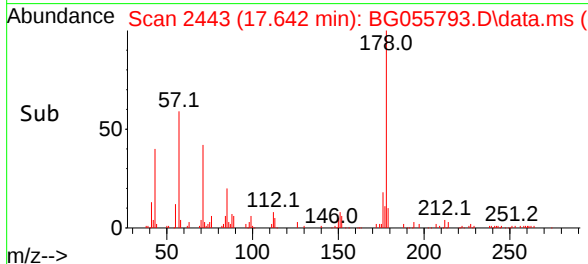
Instrument :
BNA_G
ClientSampleId :
DF-SPILL-DRUM-11-3DL



Tgt Ion:178 Resp: 56355
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 20.8 12.7 19.1

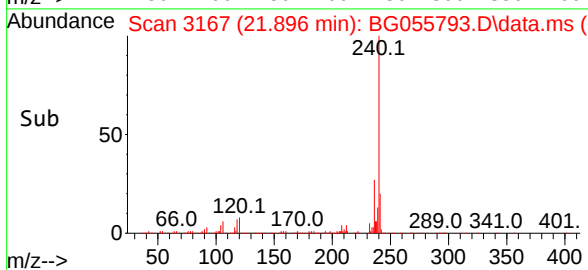
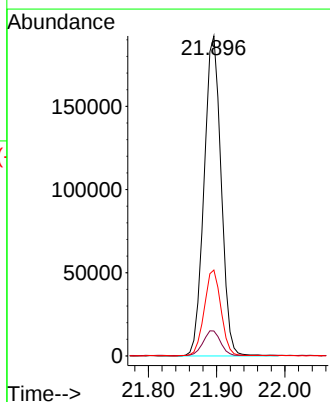
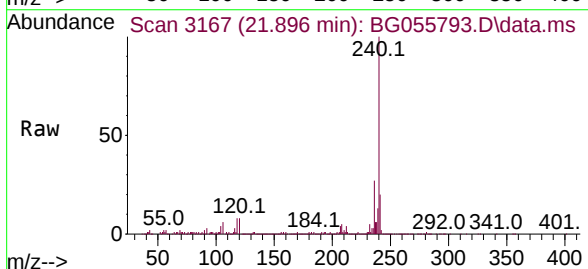
Manual Integrations
APPROVED

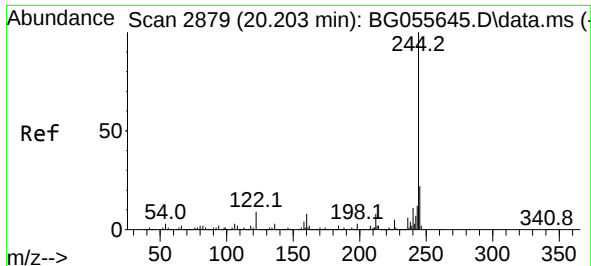
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

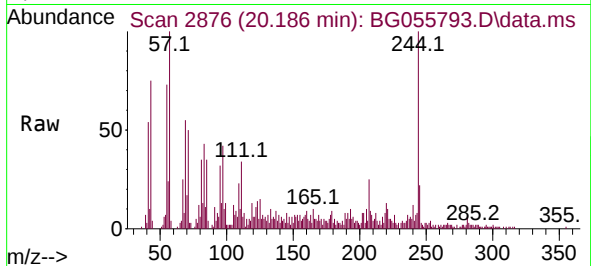
Tgt Ion:240 Resp: 332791
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.8 21.9 32.9





#79
 Terphenyl-d14
 Concen: 1.286 ng
 RT: 20.186 min Scan# 21396
 Delta R.T. -0.006 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

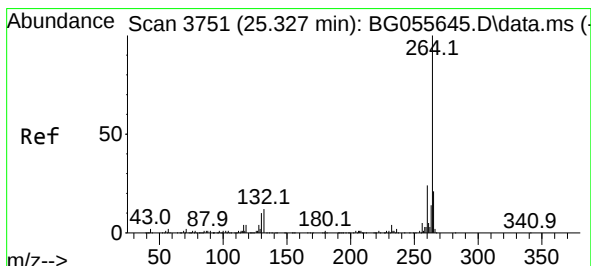
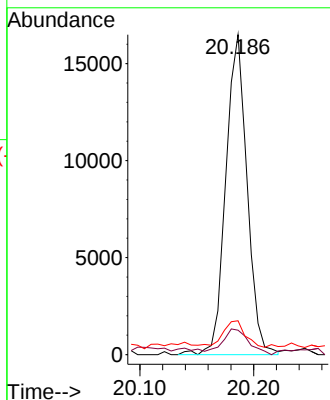
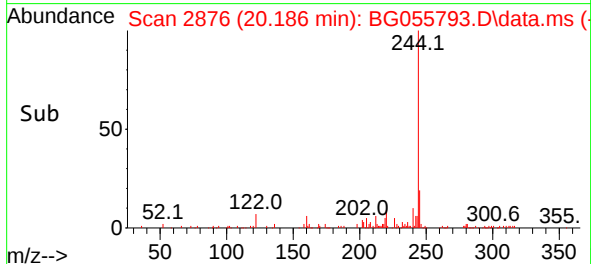
Instrument :
 BNA_G
 ClientSampleId :
 DF-SPILL-DRUM-11-3DL



Tgt Ion:244 Resp: 21396
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.6 6.9 10.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/28/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.298 min Scan# 3746
 Delta R.T. -0.006 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

Tgt Ion:264 Resp: 360358
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.1 25.7

