

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048836.D
 Acq On : 22 Apr 2021 2:10
 Operator : CG/JU
 Sample : M2042-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB12A(55-56)

Quant Time: Apr 22 02:53:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

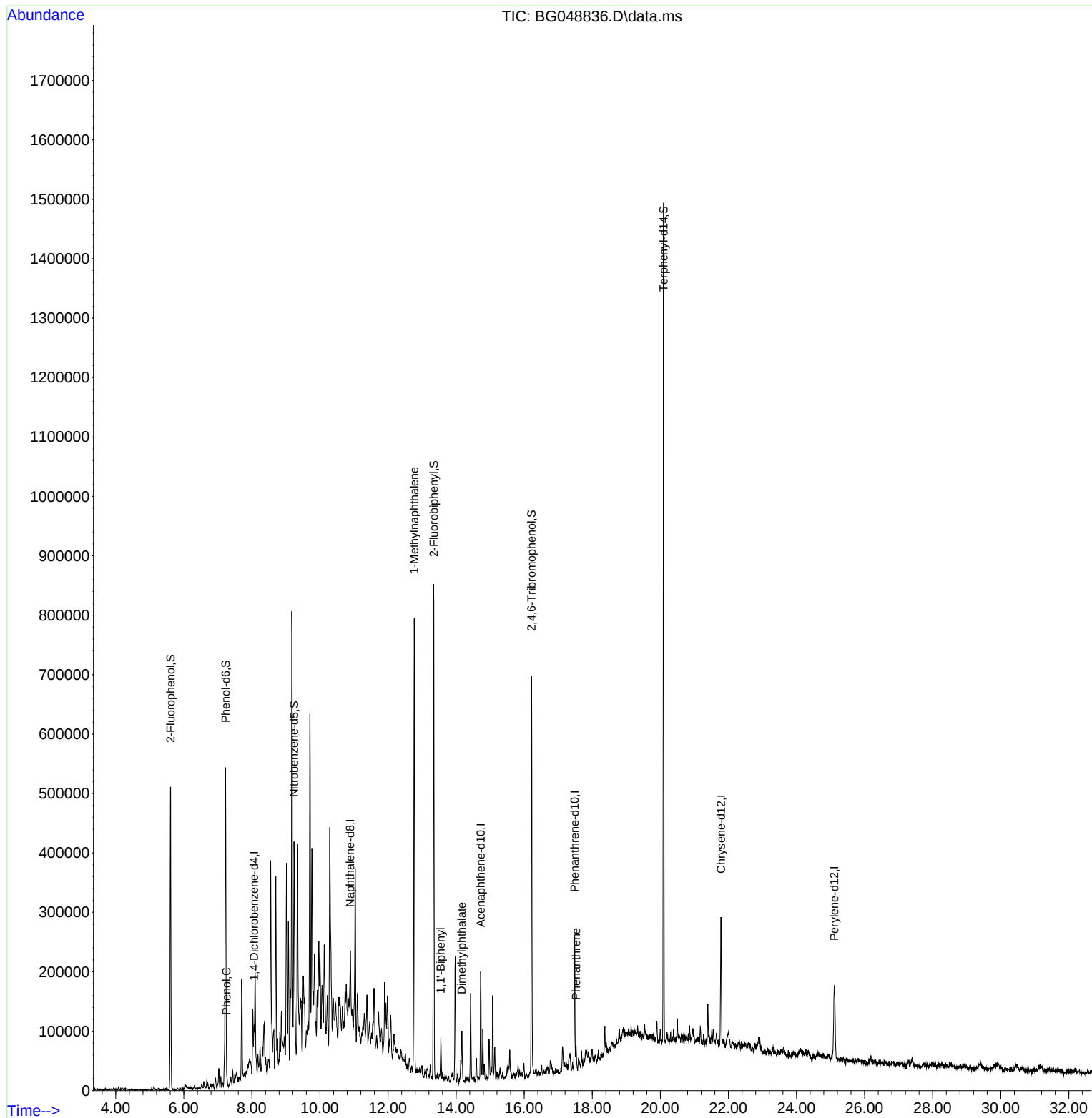
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	22818	20.00	ng	0.00
21) Naphthalene-d8	10.890	136	90165	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	62209	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	134724	20.00	ng	0.00
76) Chrysene-d12	21.783	240	130204	20.00	ng	0.00
86) Perylene-d12	25.109	264	128922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.614	112	206015	151.00	ng	0.00
7) Phenol-d6	7.230	99	261201	135.35	ng	0.00
23) Nitrobenzene-d5	9.239	82	192204	95.44	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	108001	129.48	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	393388	91.32	ng	0.00
79) Terphenyl-d14	20.097	244	600158	79.33	ng	0.00
Target Compounds						
10) Phenol	7.253	94	4734	2.49	ng	Qvalue 92
38) 1-Methylnaphthalene	12.770	142	332697	96.72	ng	93
46) 1,1'-Biphenyl	13.552	154	31663	6.89	ng	96
50) Dimethylphthalate	14.163	163	21650	4.64	ng	99
71) Phenanthrene	17.524	178	23036	3.29	ng	# 94

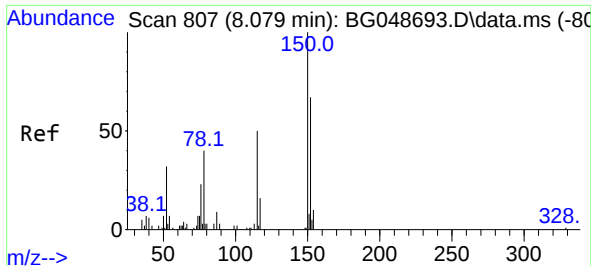
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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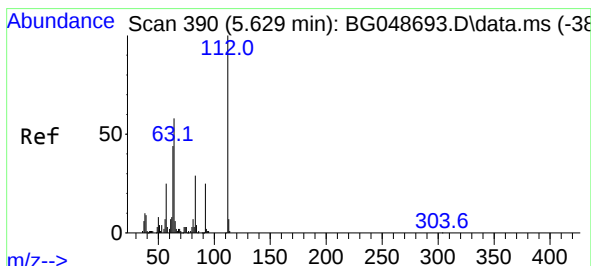
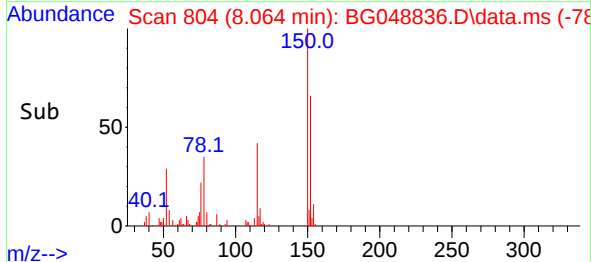
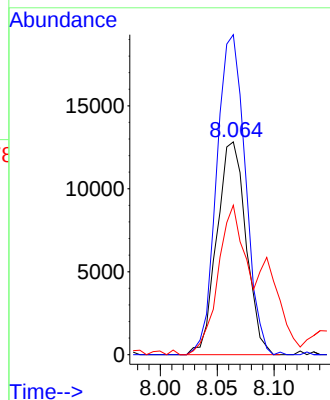
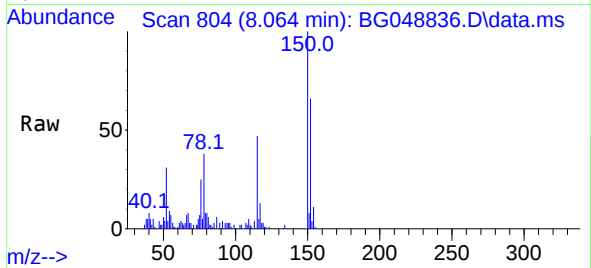




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.064 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

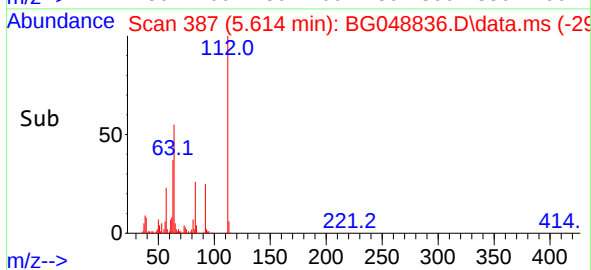
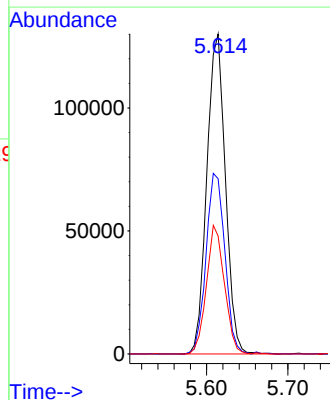
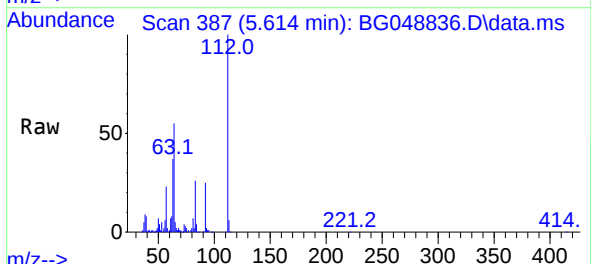
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

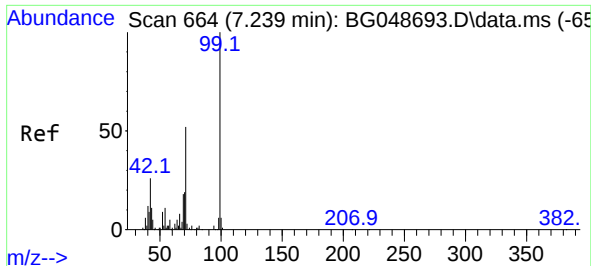
Tgt Ion:152 Resp: 22818
Ion Ratio Lower Upper
152 100
150 150.4 119.4 179.0
115 70.3 60.2 90.4



#5
2-Fluorophenol
Concen: 151.00 ng
RT: 5.614 min Scan# 387
Delta R.T. 0.009 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:112 Resp: 206015
Ion Ratio Lower Upper
112 100
64 54.8 46.7 70.1
63 36.9 35.3 52.9

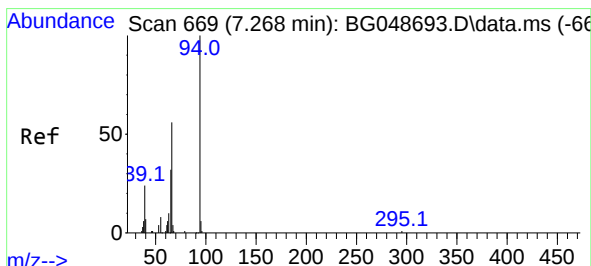
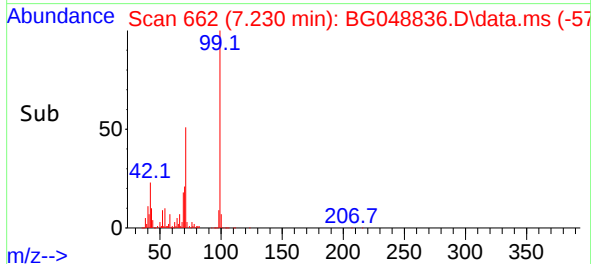
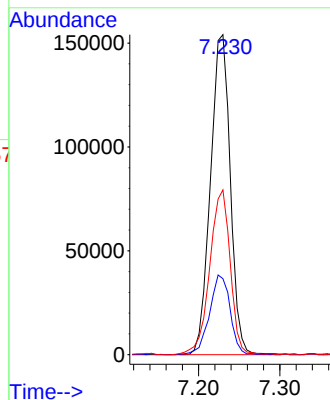
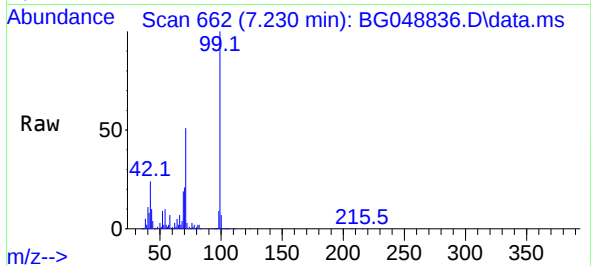




#7
Phenol-d6
Concen: 135.35 ng
RT: 7.230 min Scan# 662
Delta R.T. 0.009 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

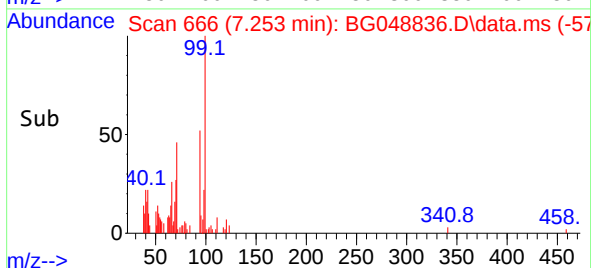
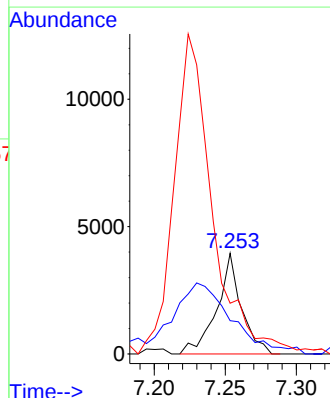
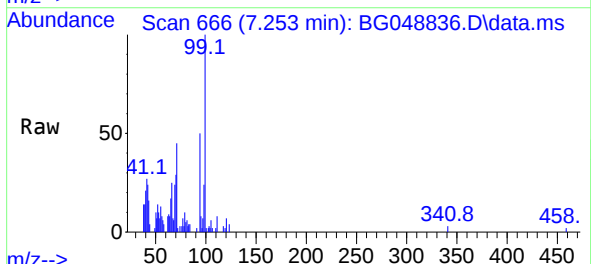
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

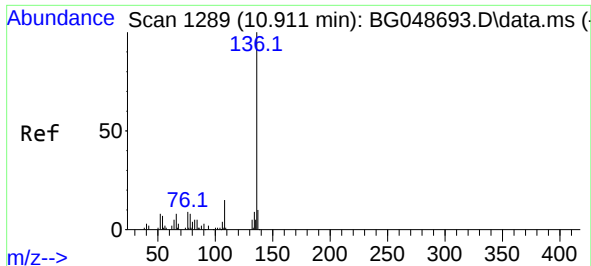
Tgt Ion: 99 Resp: 261201
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 51.5 41.5 62.3



#10
Phenol
Concen: 2.49 ng
RT: 7.253 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion: 94 Resp: 4734
Ion Ratio Lower Upper
94 100
65 33.0 12.9 52.9
66 50.3 39.4 79.4

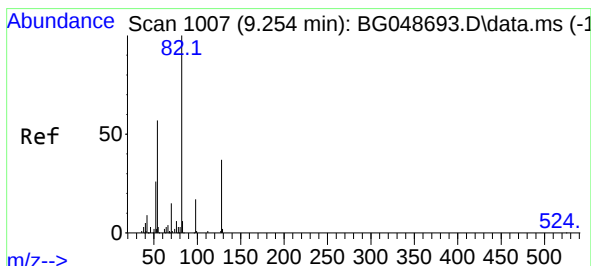
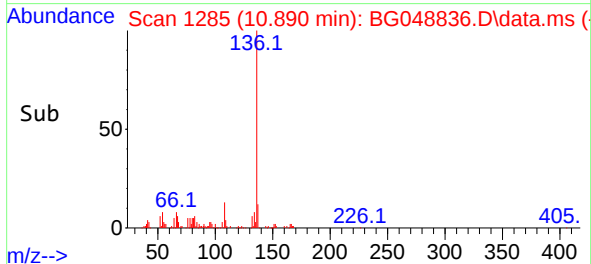
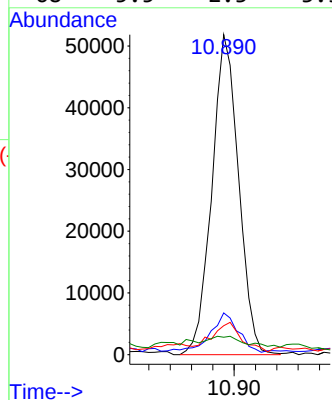
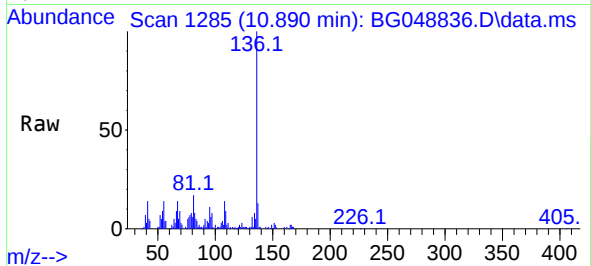




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

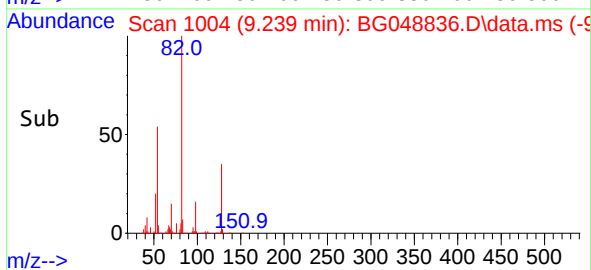
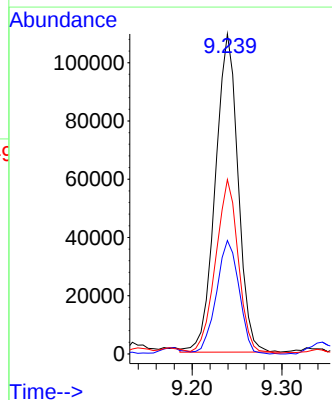
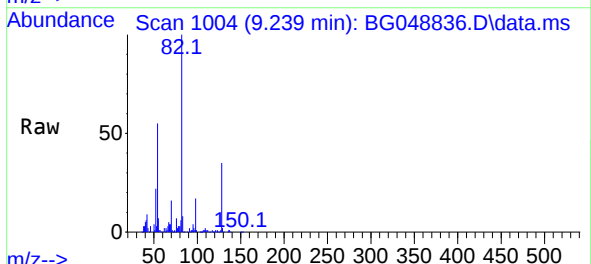
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

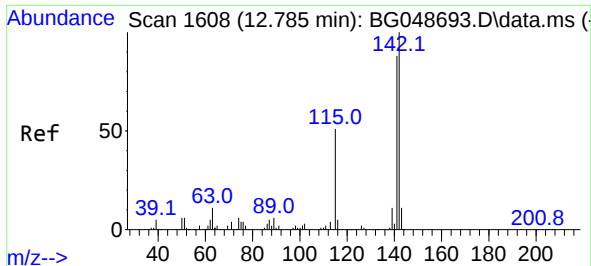
Tgt Ion:	136	Resp:	90165
Ion Ratio	Lower	Upper	
136	100		
137	13.1	8.2	12.2#
54	9.0	5.5	8.3#
68	5.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 95.44 ng
RT: 9.239 min Scan# 1004
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:	82	Resp:	192204
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.8	44.6
54	54.5	45.8	68.8

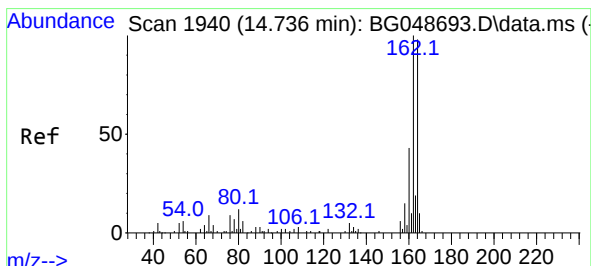
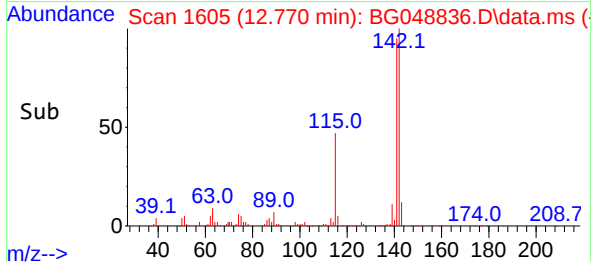
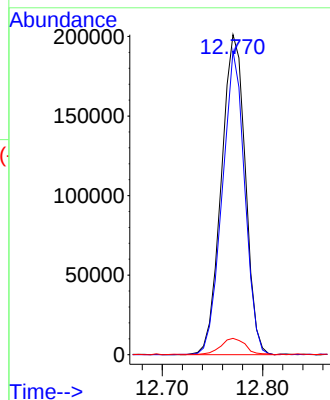
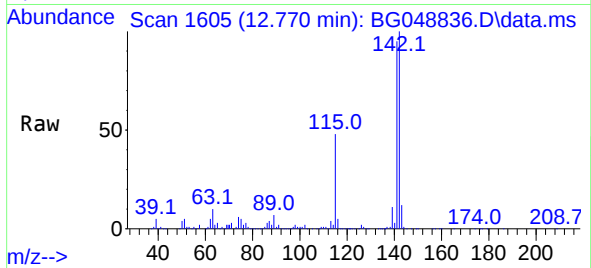




#38
1-Methylnaphthalene
Concen: 96.72 ng
RT: 12.770 min Scan# 1605
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

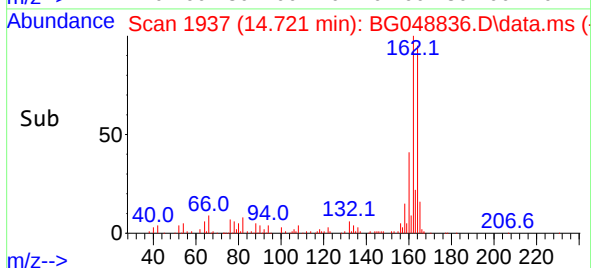
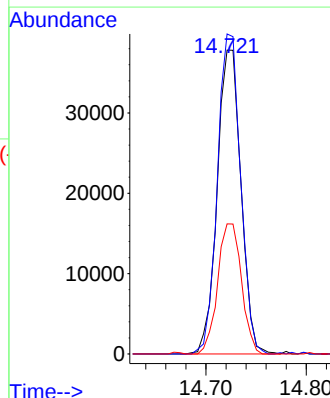
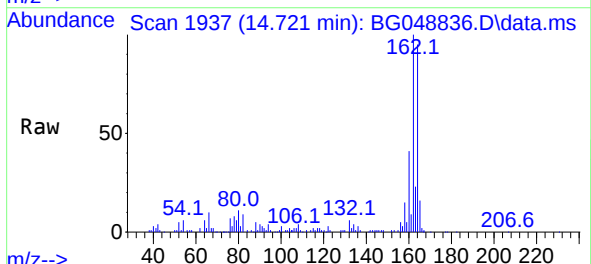
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

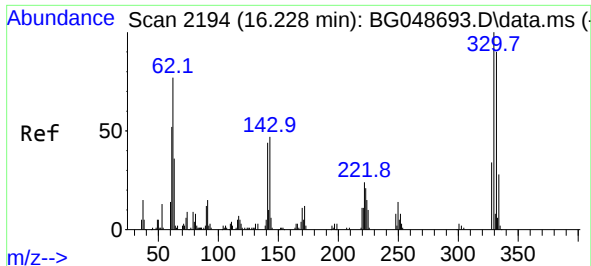
Tgt Ion:142 Resp: 332697
Ion Ratio Lower Upper
142 100
141 95.0 70.6 106.0
116 5.1 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:164 Resp: 62209
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 42.8 34.9 52.3

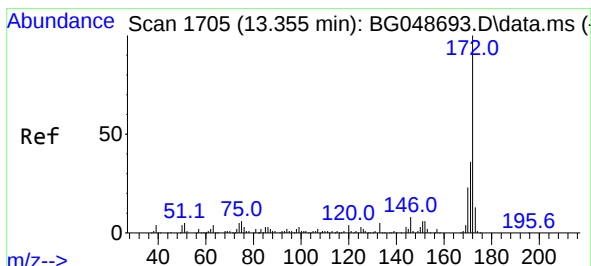
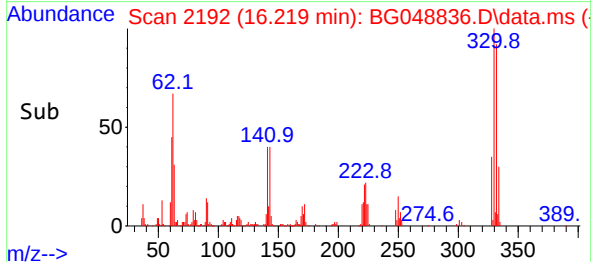
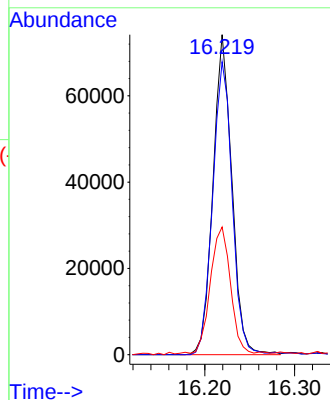
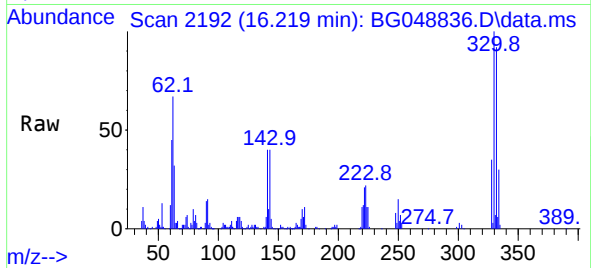




#42
2,4,6-Tribromophenol
Concen: 129.48 ng
RT: 16.219 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

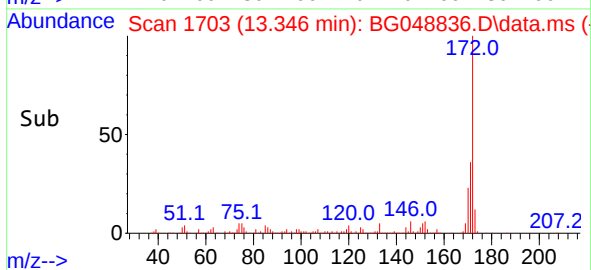
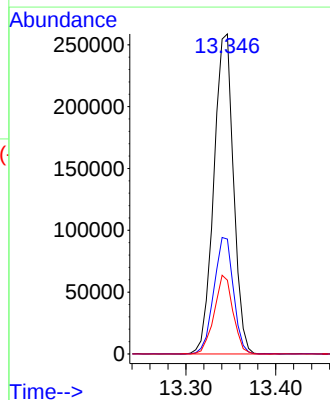
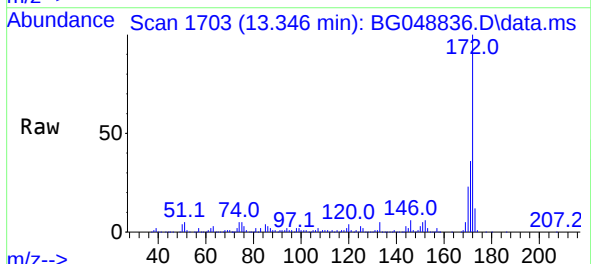
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ClientSampleId :
FS-SB12A(55-56)

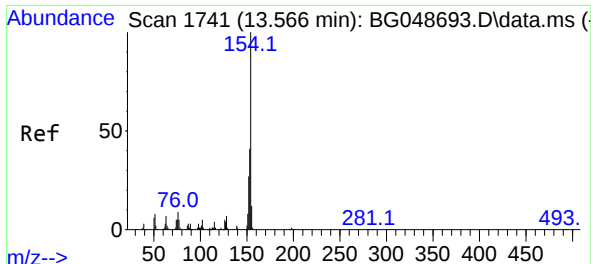
Tgt Ion:330 Resp: 108001
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 44.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 91.32 ng
RT: 13.346 min Scan# 1703
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:172 Resp: 393388
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.1 18.6 27.8

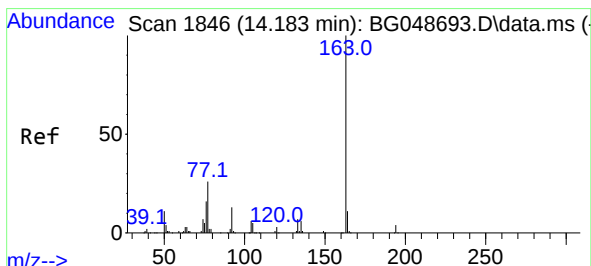
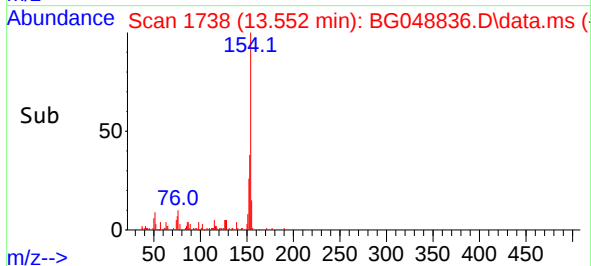
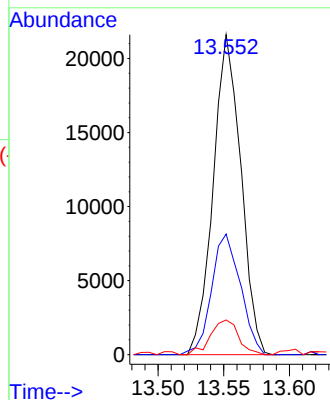
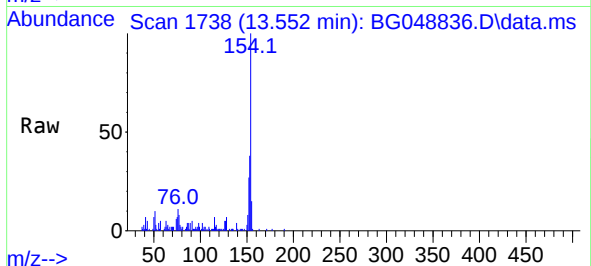




#46
1,1'-Biphenyl
Concen: 6.89 ng
RT: 13.552 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

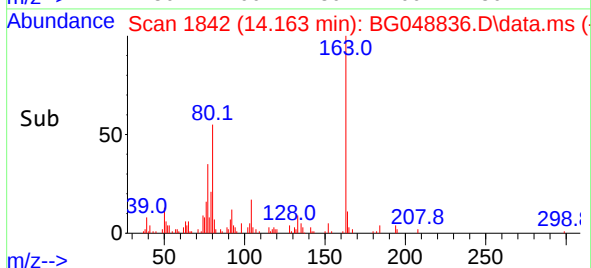
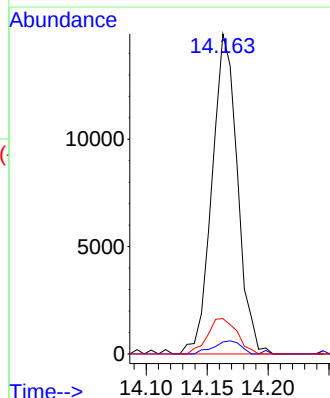
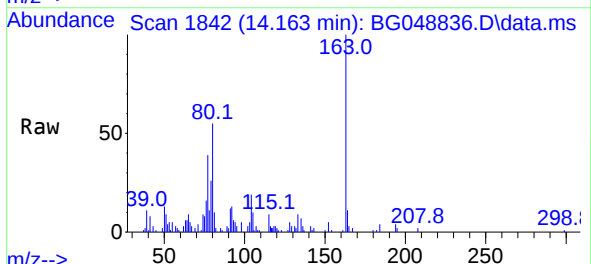
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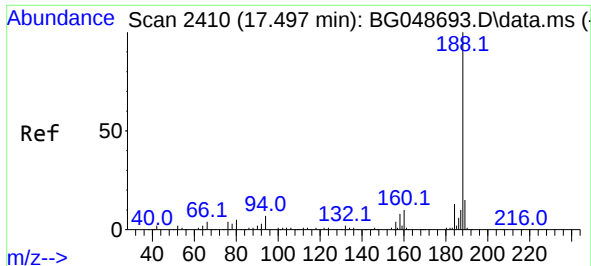
Tgt Ion:154	Resp:	31663
Ion Ratio	Lower	Upper
154	100	
153	37.7	20.5 60.5
76	10.8	0.0 29.3



#50
Dimethylphthalate
Concen: 4.64 ng
RT: 14.163 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:163	Resp:	21650
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.6
164	11.0	8.6 12.8

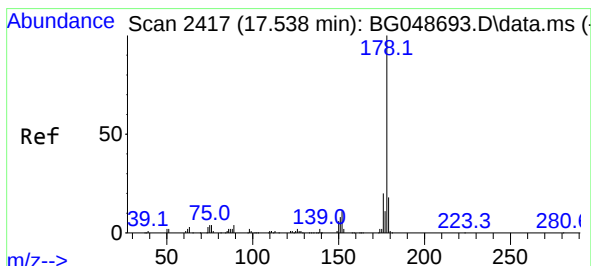
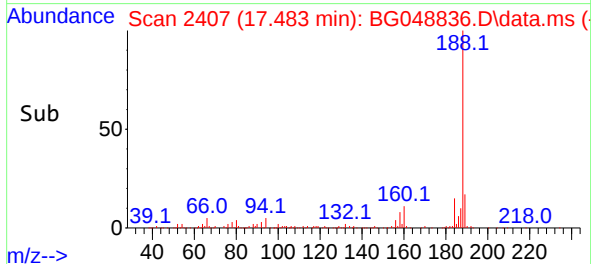
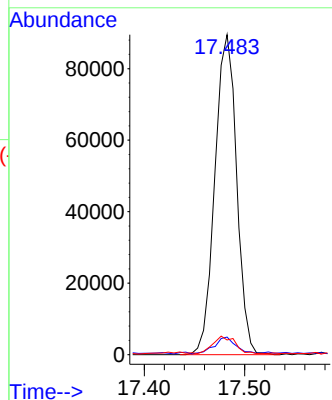
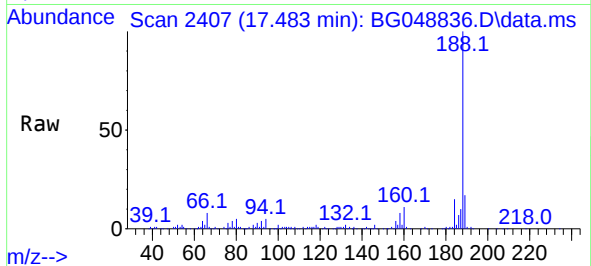




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

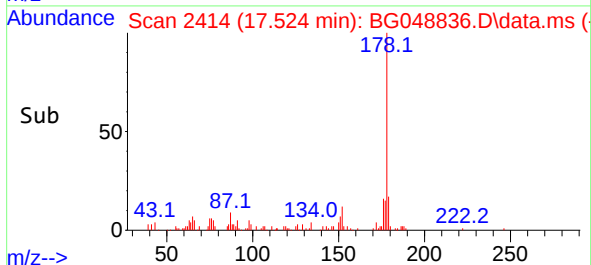
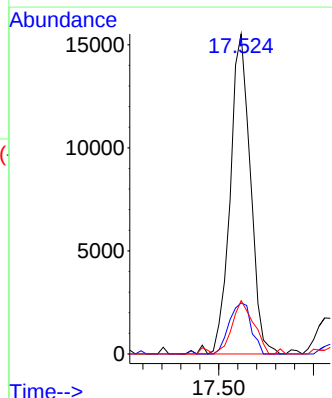
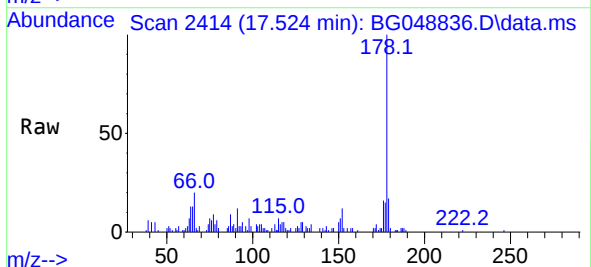
Instrument :
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FS-SB12A(55-56)

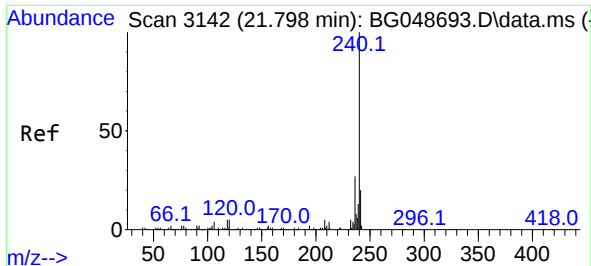
Tgt Ion:188 Resp: 134724
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 4.6 3.7 5.5



#71
Phenanthrene
Concen: 3.29 ng
RT: 17.524 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:178 Resp: 23036
Ion Ratio Lower Upper
178 100
176 16.0 16.0 24.0#
179 16.7 14.2 21.4

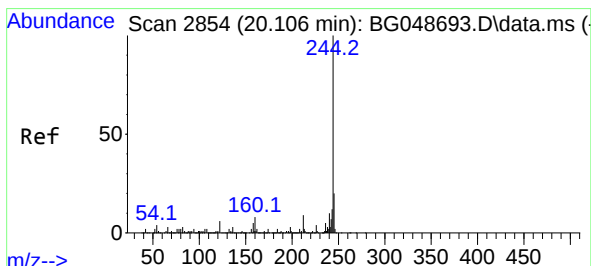
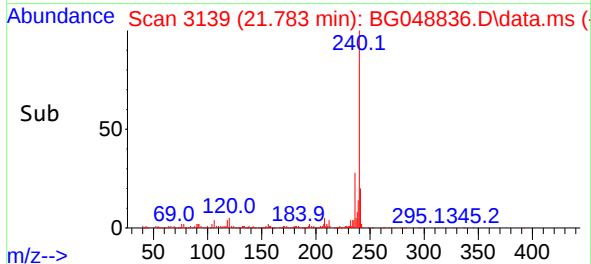
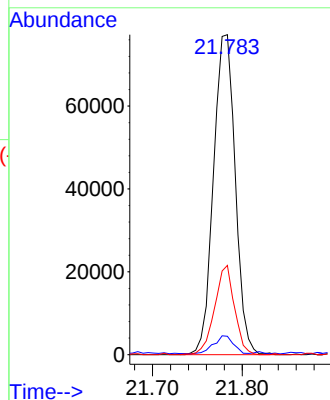
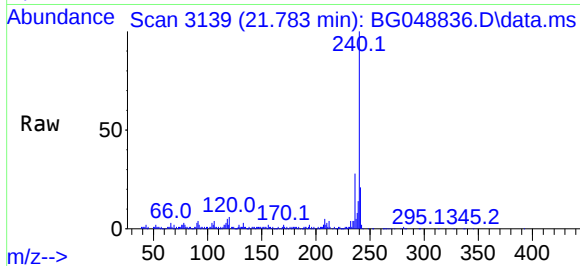




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

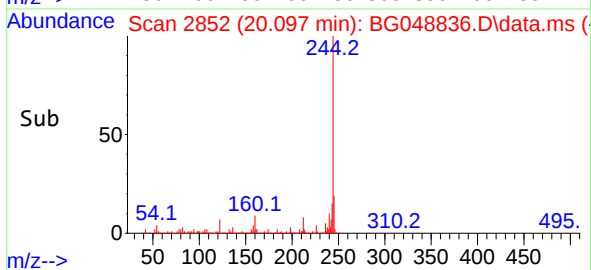
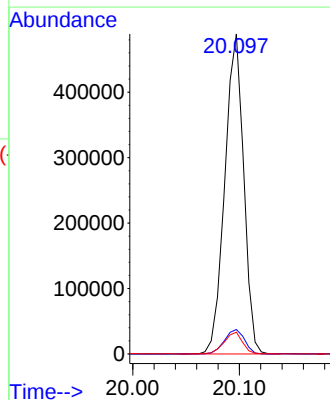
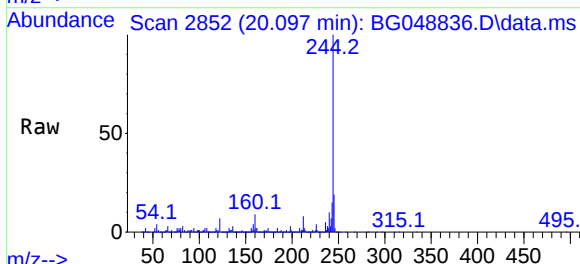
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

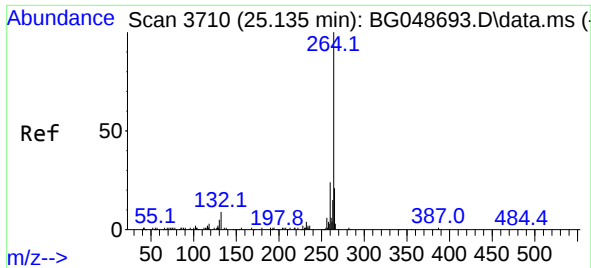
Tgt Ion:240 Resp: 130204
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 27.9 21.8 32.6



#79
Terphenyl-d14
Concen: 79.33 ng
RT: 20.097 min Scan# 2852
Delta R.T. 0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Tgt Ion:244 Resp: 600158
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.8 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.109 min Scan# 3705
Delta R.T. -0.003 min
Lab File: BG048836.D
Acq: 22 Apr 2021 2:10

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

Tgt Ion:264 Resp: 128922
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 21.8 16.9 25.3

