

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
 Data File : BN013753.D
 Acq On : 25 Feb 2021 07:43
 Operator : CG/JU
 Sample : M1473-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-132-149-022321

Quant Time: Feb 25 08:25:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 21:36:22 2021
 Response via : Initial Calibration

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

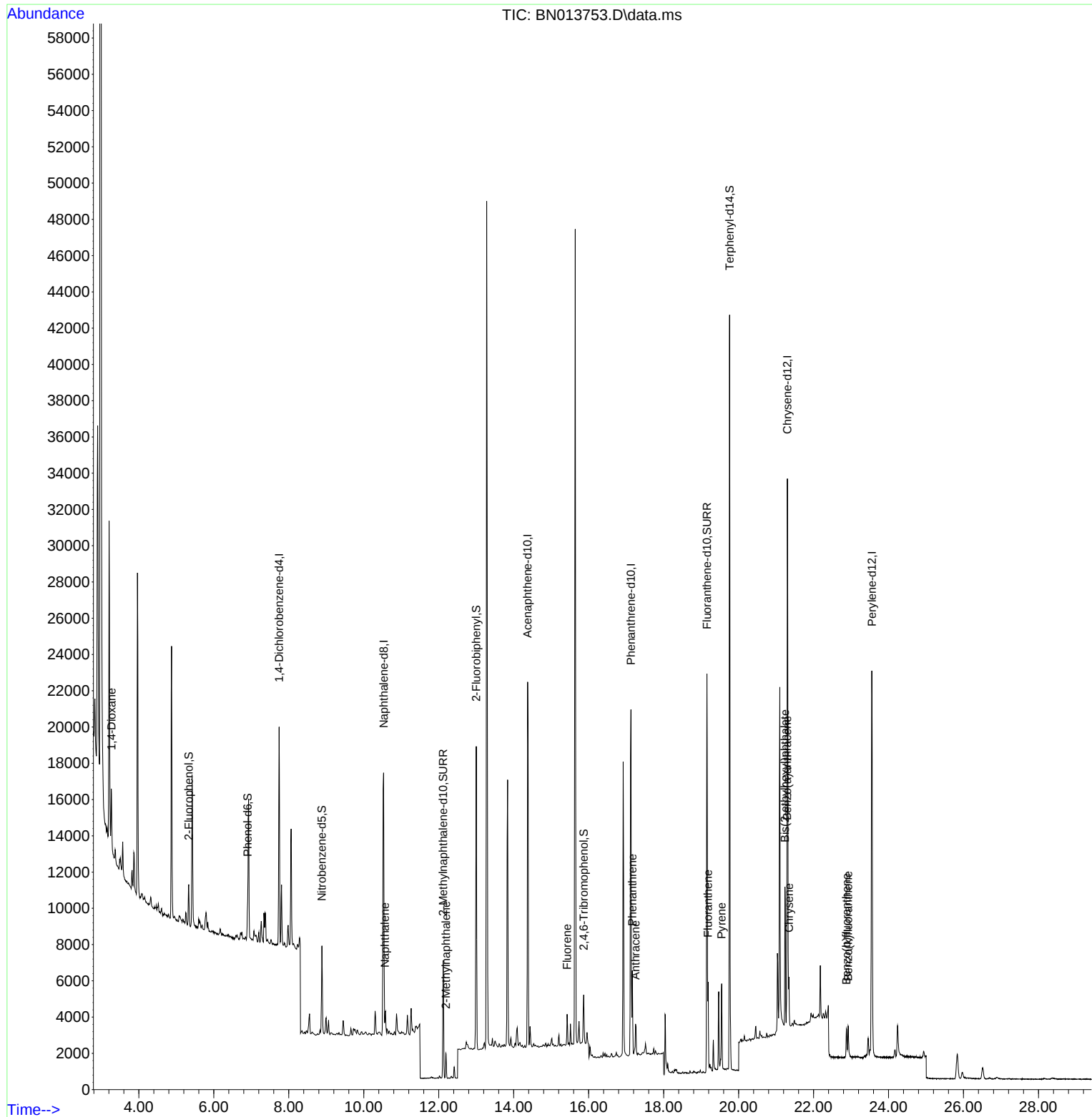
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5376	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	21087	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	12490	0.40	ng	-0.01
19) Phenanthrene-d10	17.128	188	27565	0.40	ng	# 0.00
29) Chrysene-d12	21.300	240	28292	0.40	ng	-0.01
36) Perylene-d12	23.555	264	27701	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1876	0.13	ng	0.00
5) Phenol-d6	6.903	99	1463	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	3695	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8490	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2112	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13247	0.30	ng	-0.01
27) Fluoranthene-d10	19.156	212	24197	0.30	ng	0.00
31) Terphenyl-d14	19.761	244	41367	0.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	2095	0.32	ng	# 75
9) Naphthalene	10.568	128	1657	0.03	ng	# 79
12) 2-Methylnaphthalene	12.191	142	979	0.03	ng	# 88
18) Fluorene	15.425	166	1043	0.02	ng	# 92
25) Phenanthrene	17.164	178	4495	0.06	ng	98
26) Anthracene	17.250	178	1921	0.03	ng	98
28) Fluoranthene	19.186	202	4182	0.05	ng	# 95
30) Pyrene	19.548	202	4121	0.05	ng	97
32) Benzo(a)anthracene	21.290	228	2321	0.03	ng	91
33) Chrysene	21.343	228	2193	0.03	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.237	149	7924	0.19	ng	99
37) Benzo(b)fluoranthene	22.877	252	1988	0.02	ng	# 66
38) Benzo(k)fluoranthene	22.922	252	1718	0.02	ng	# 33

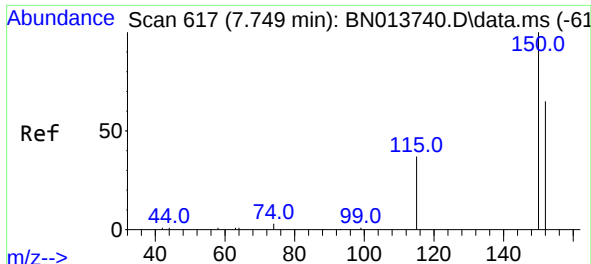
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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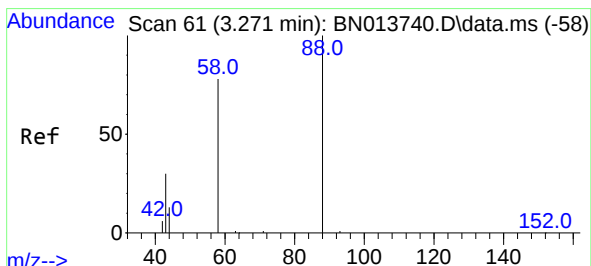
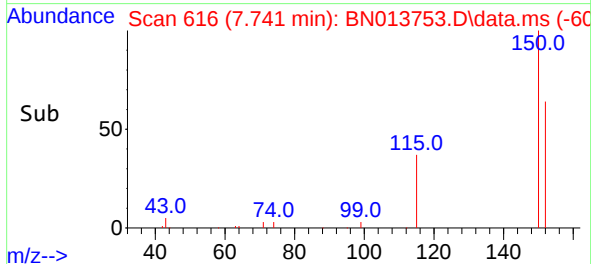
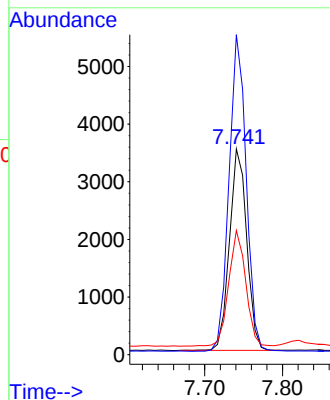
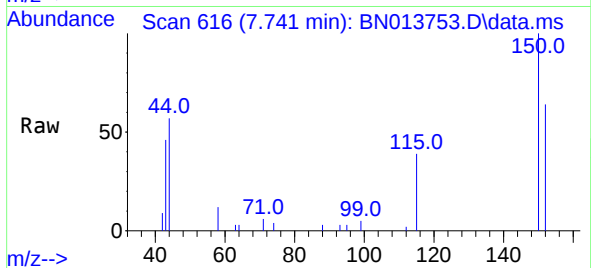




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.008 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

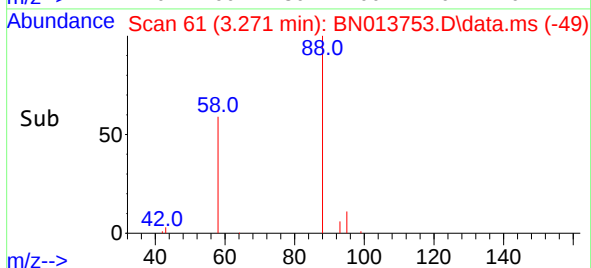
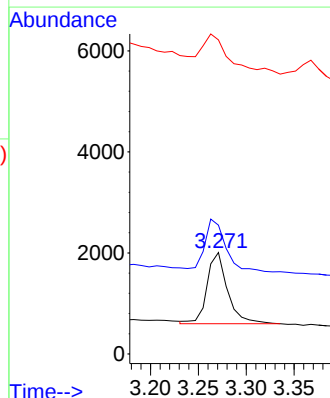
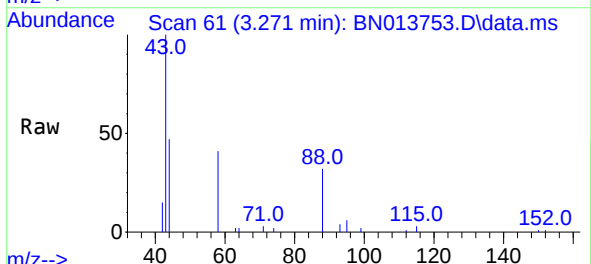
Instrument :
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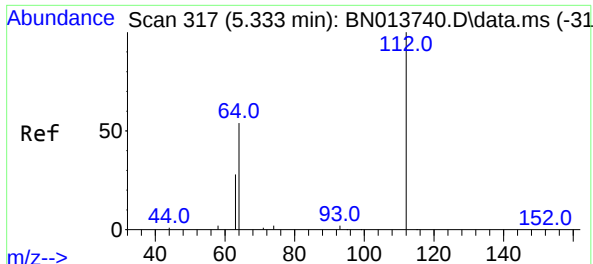
Tgt Ion:152 Resp: 5376
Ion Ratio Lower Upper
152 100
150 155.5 121.8 182.8
115 60.3 46.6 69.8



#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion: 88 Resp: 2095
Ion Ratio Lower Upper
88 100
58 75.4 64.6 96.8
43 72.9 26.6 40.0#



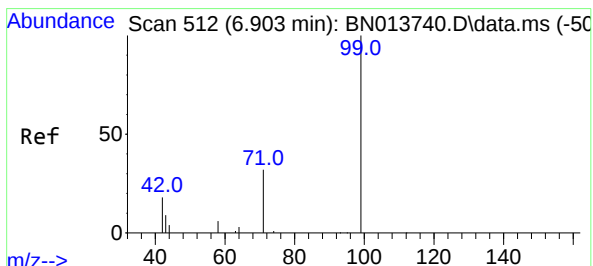
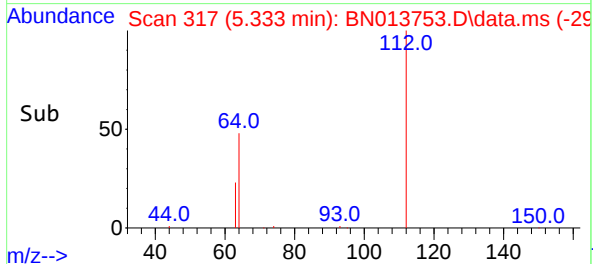
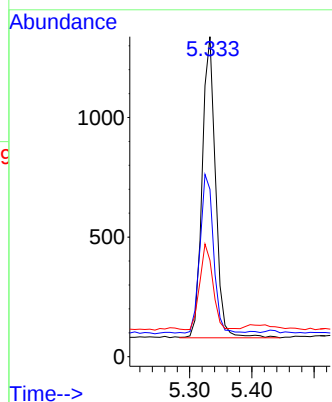
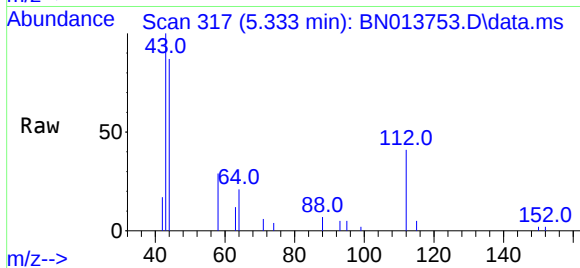


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion: 112 Resp: 1876

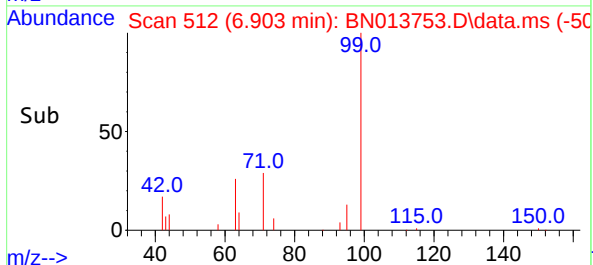
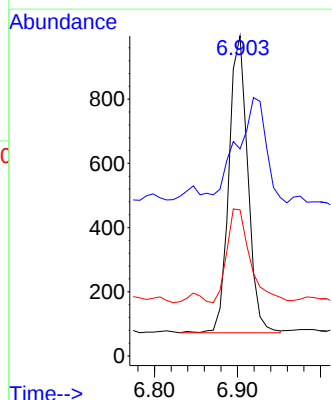
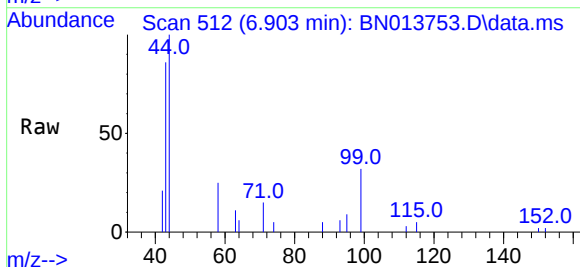
Ion	Ratio	Lower	Upper
112	100		
64	53.1	44.3	66.5
63	28.0	23.0	34.6

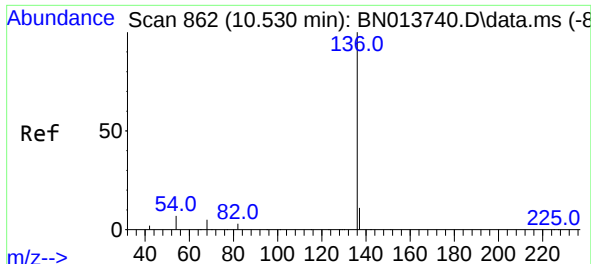


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion: 99 Resp: 1463

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	39.2	26.1	39.1#

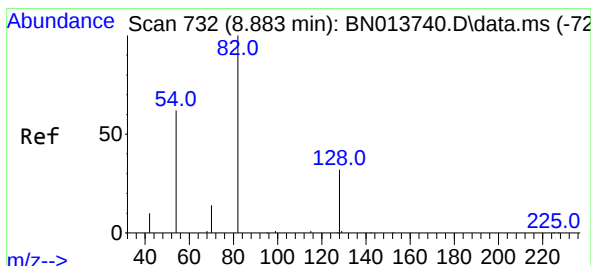
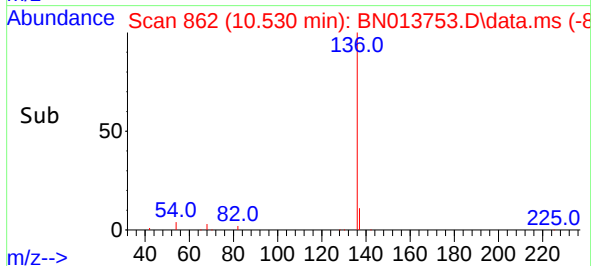
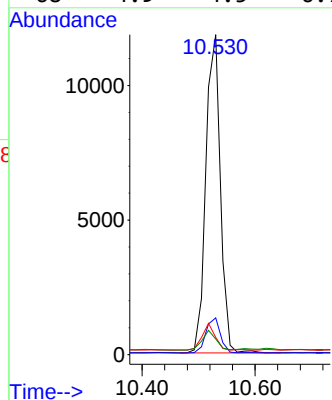
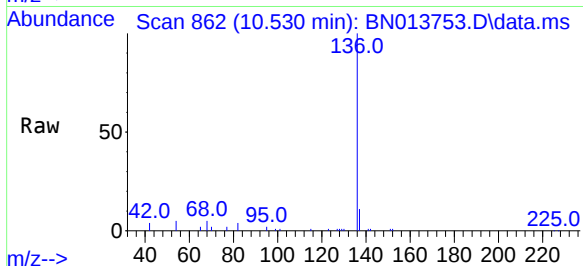




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

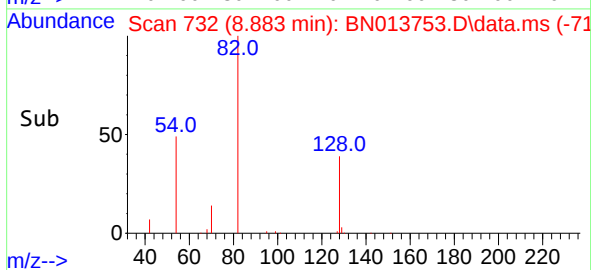
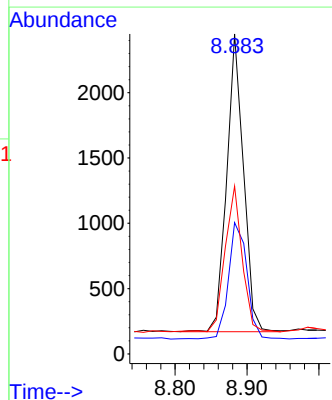
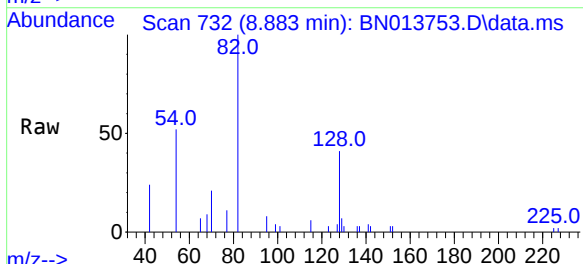
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

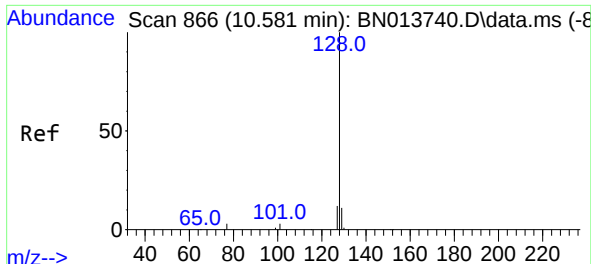
Tgt Ion:	136	Resp:	21087
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	5.4	6.4	9.6#
68	4.9	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:	82	Resp:	3695
Ion	Ratio	Lower	Upper
82	100		
128	41.1	39.2	58.8
54	52.4	40.1	60.1

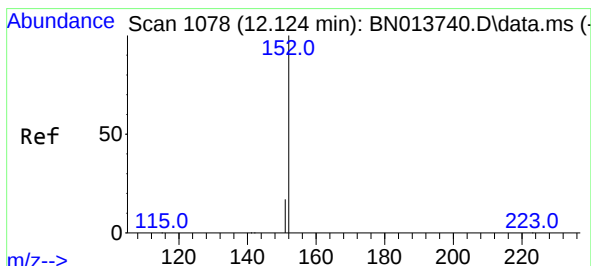
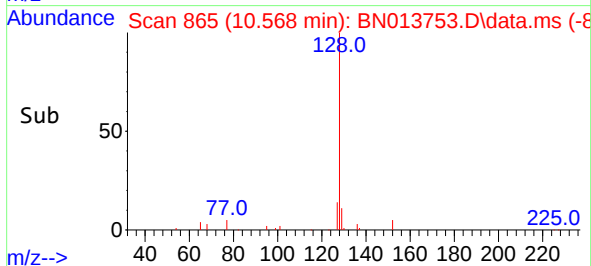
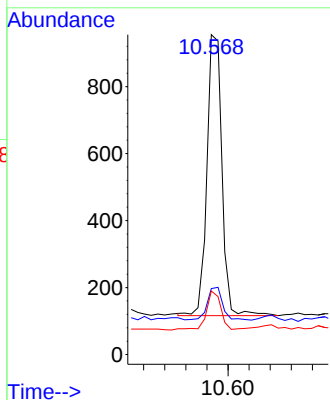
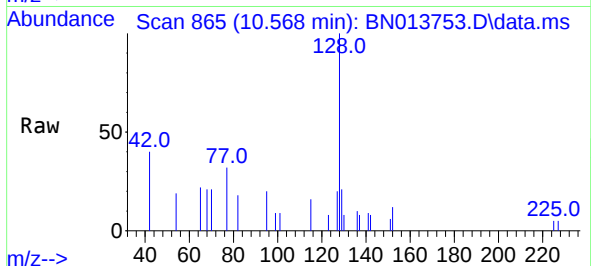




#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

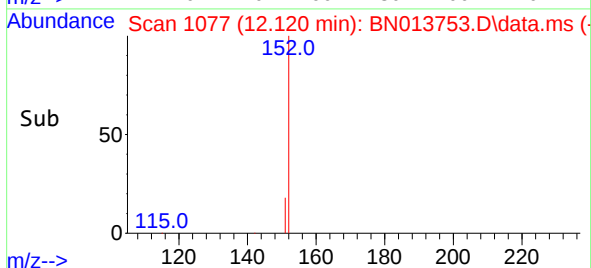
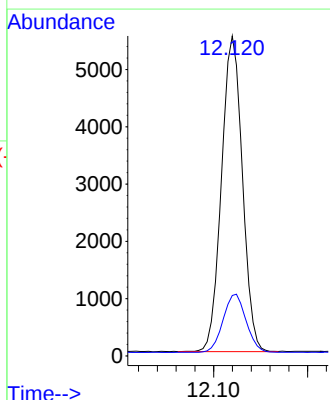
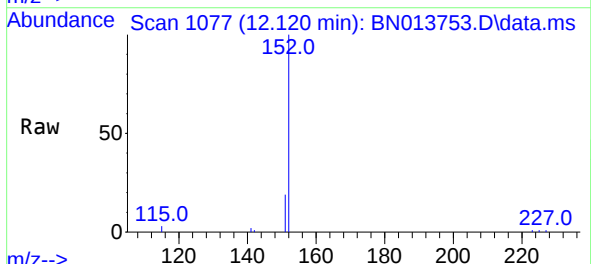
Instrument :
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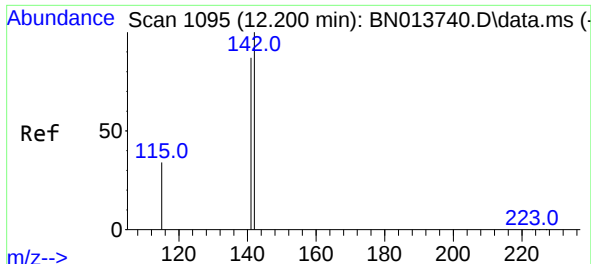
Tgt Ion:128 Resp: 1657
Ion Ratio Lower Upper
128 100
129 20.6 9.0 13.4#
127 19.9 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.005 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:152 Resp: 8490
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

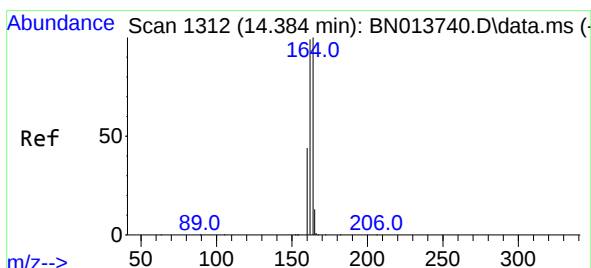
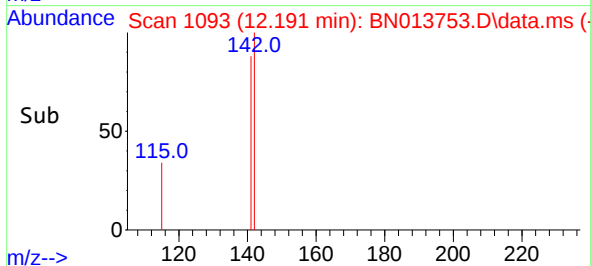
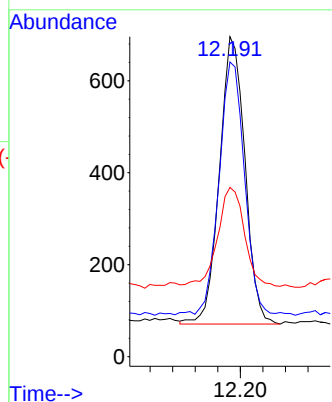
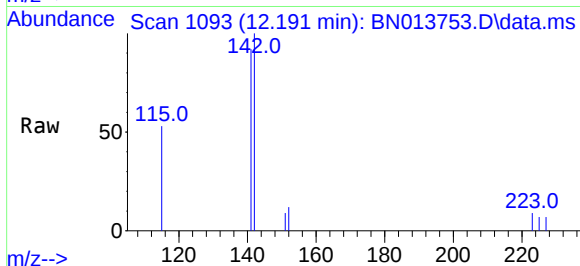




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.009 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

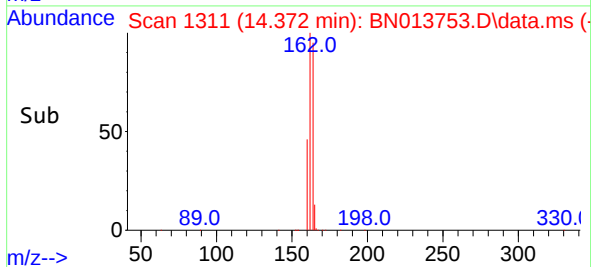
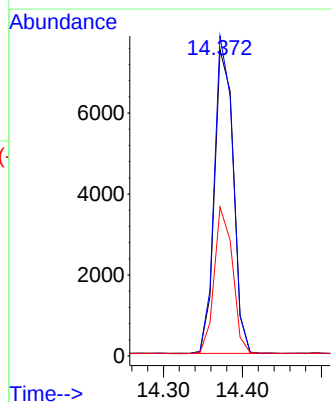
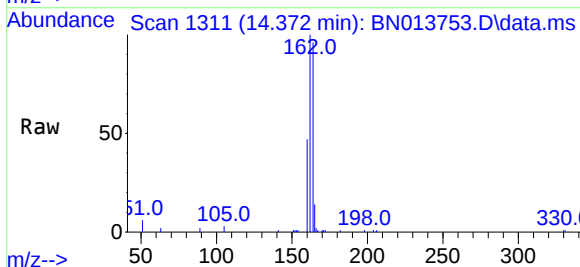
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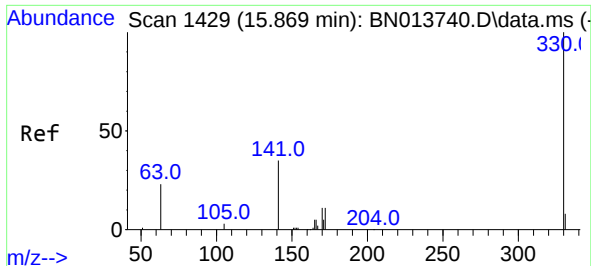
Tgt Ion:	142	Resp:	979
Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.5	105.7
115	52.9	27.4	41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:	164	Resp:	12490
Ion	Ratio	Lower	Upper
164	100		
162	104.5	79.6	119.4
160	48.6	36.0	54.0

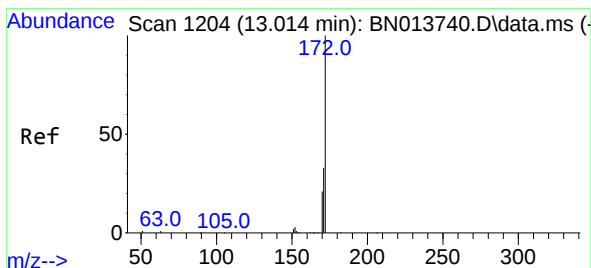
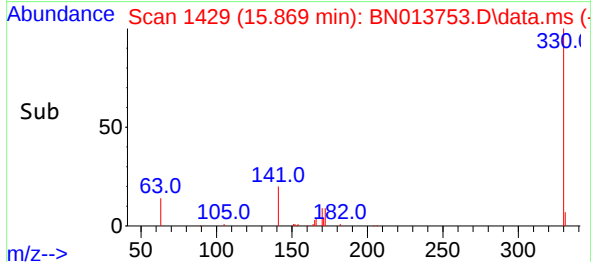
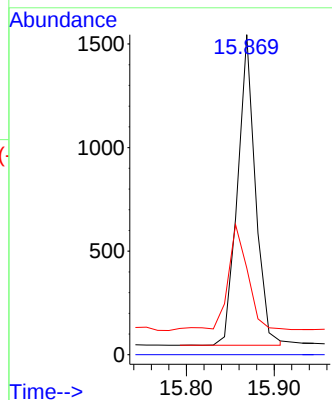
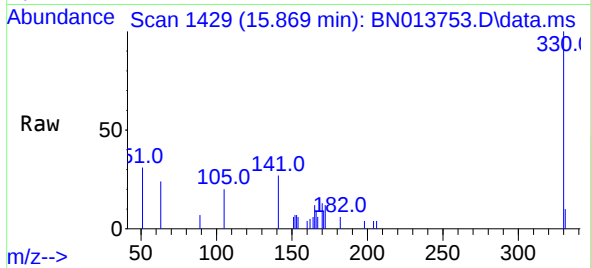




#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

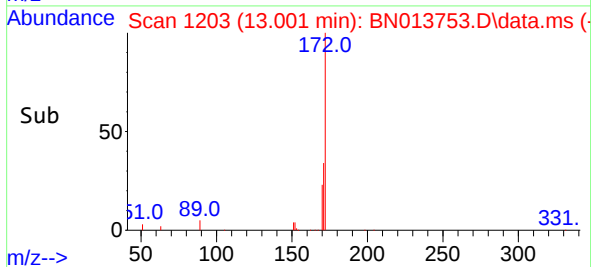
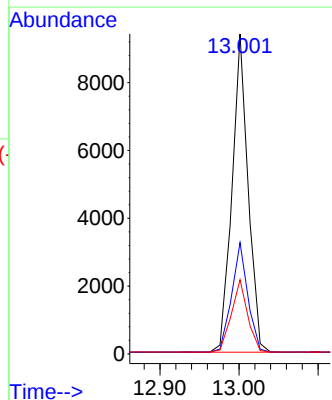
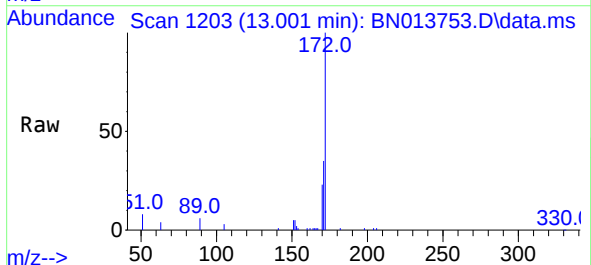
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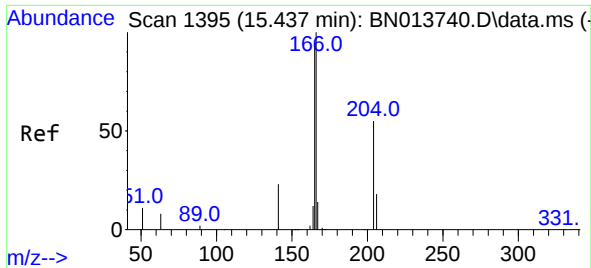
Tgt Ion:330 Resp: 2112
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:172 Resp: 13247
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.2 18.9 28.3

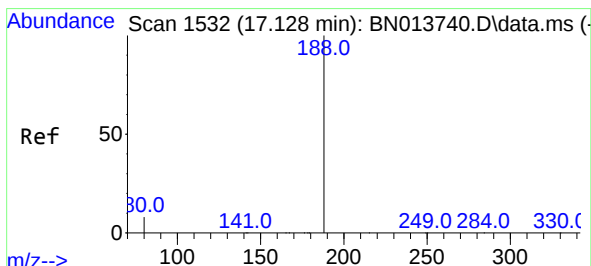
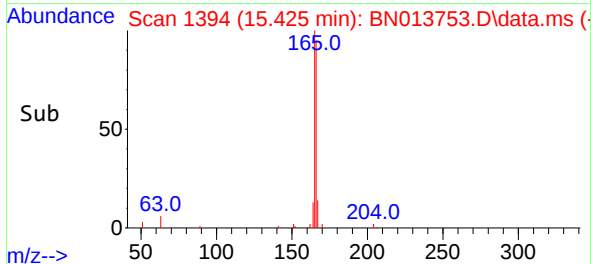
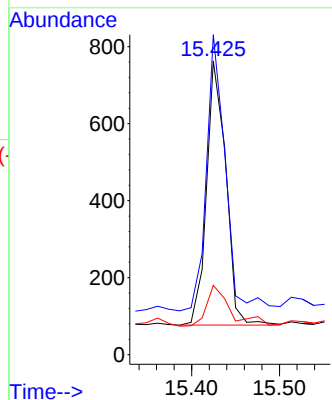
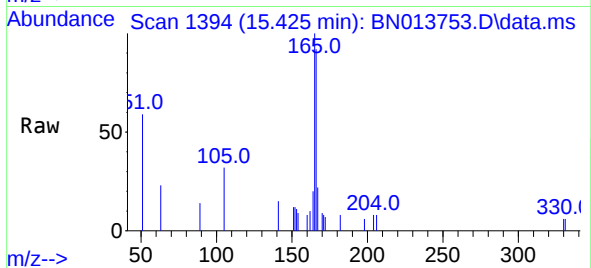




#18
Fluorene
Concen: 0.02 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

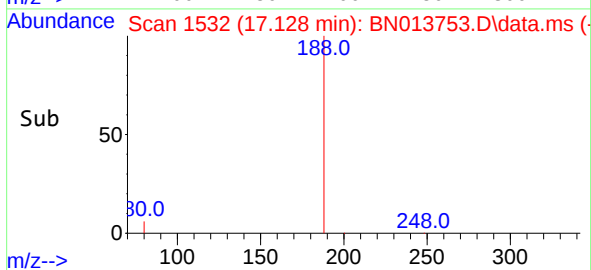
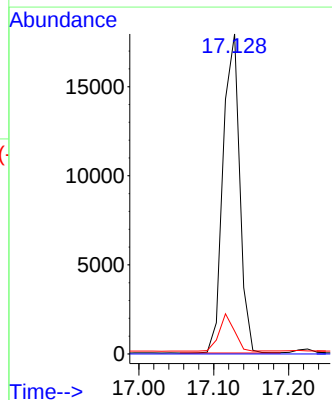
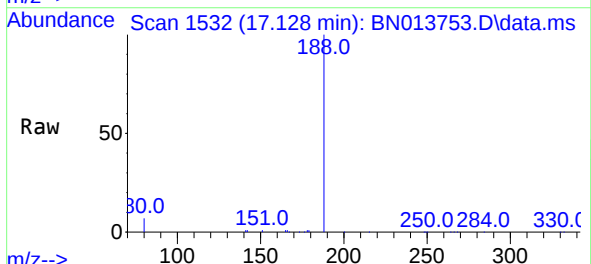
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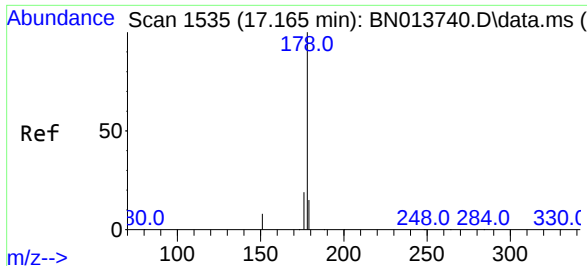
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Ion Ratio Lower Upper
166 100
165 104.1 77.8 116.8
167 19.4 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.001 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:188 Resp: 27565
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 9.0 13.6#

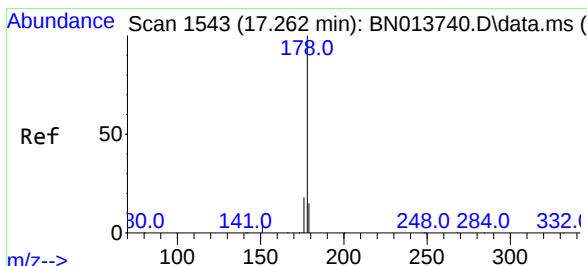
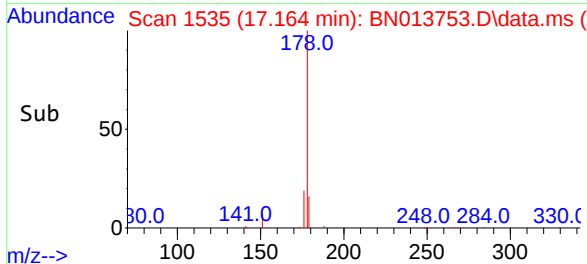
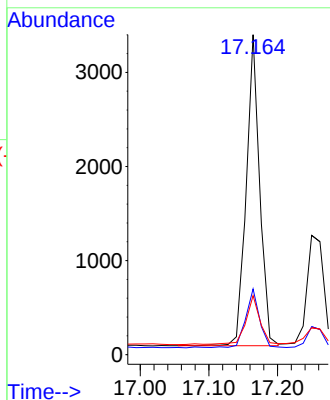
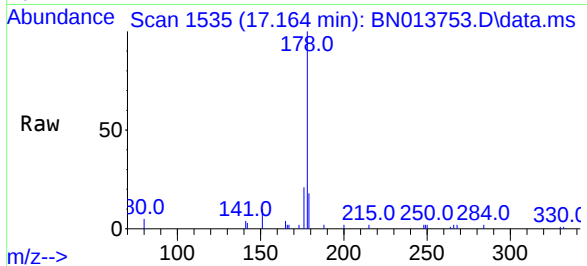




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.001 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

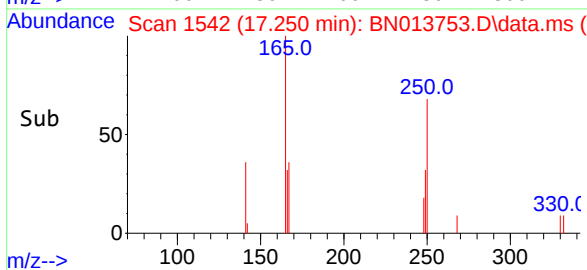
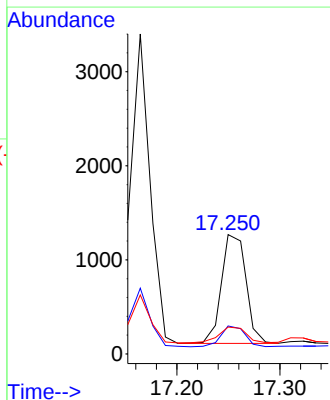
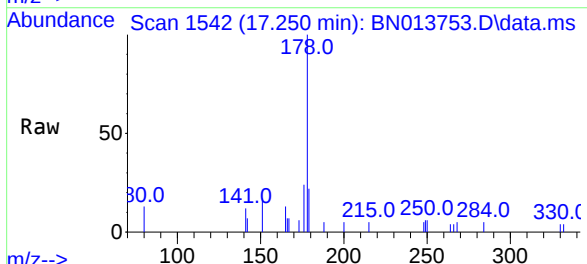
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

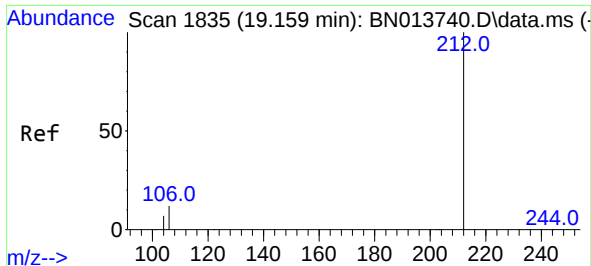
Tgt Ion:178 Resp: 4495
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.8 12.3 18.5



#26
Anthracene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:178 Resp: 1921
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 16.1 12.2 18.2

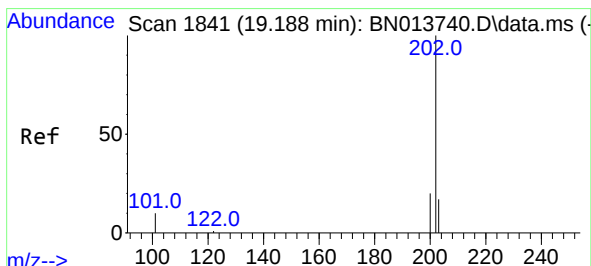
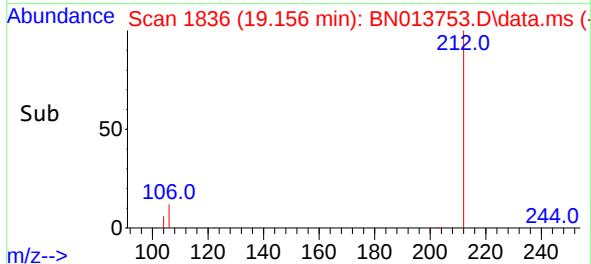
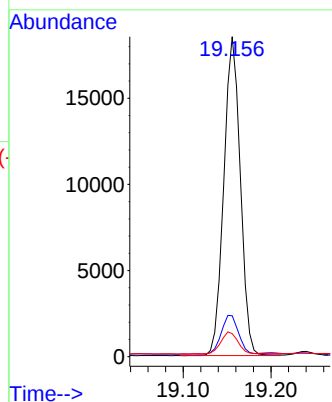
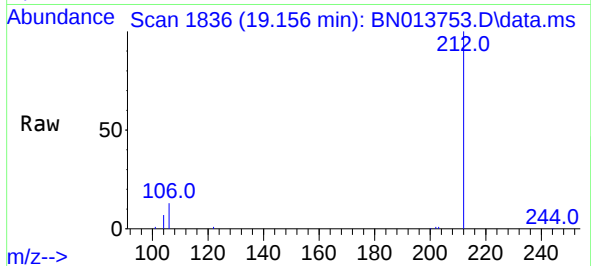




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.156 min Scan# 1836
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

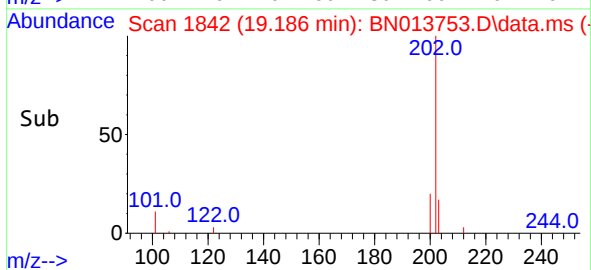
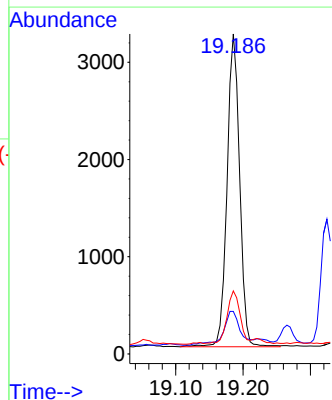
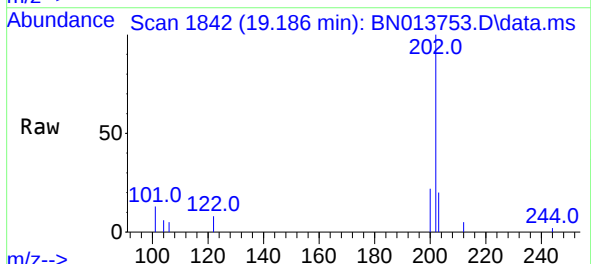
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

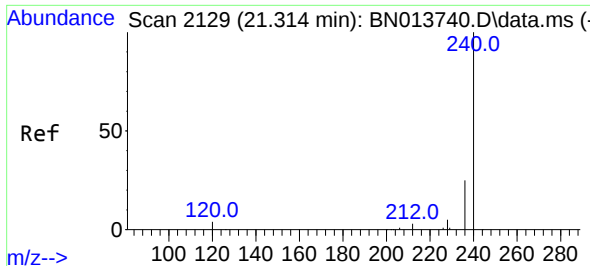
Tgt Ion:212 Resp: 24197
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.1 5.5 8.3



#28
Fluoranthene
Concen: 0.05 ng
RT: 19.186 min Scan# 1842
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:202 Resp: 4182
Ion Ratio Lower Upper
202 100
101 14.6 8.1 12.1#
203 17.3 13.9 20.9

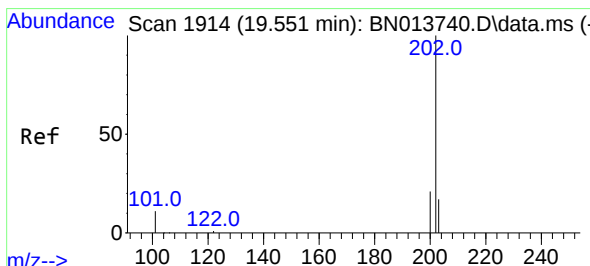
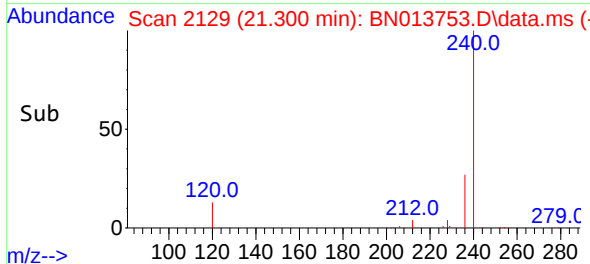
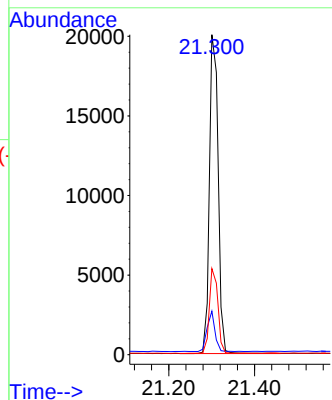
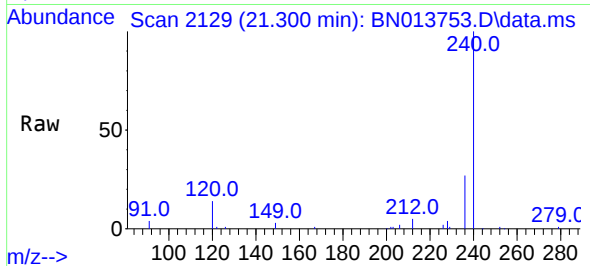




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

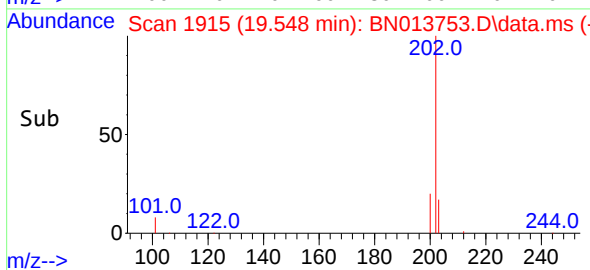
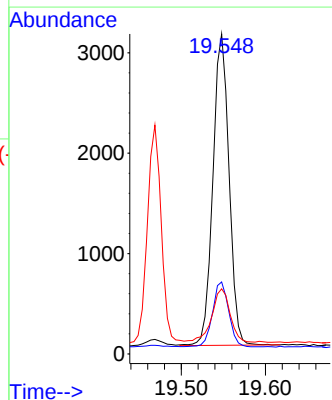
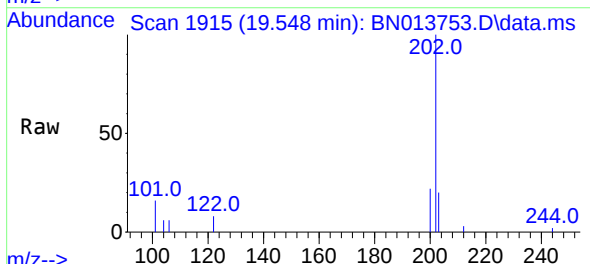
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

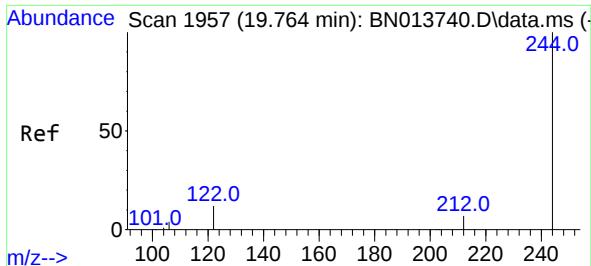
Tgt Ion:240 Resp: 28292
Ion Ratio Lower Upper
240 100
120 13.6 10.2 15.4
236 26.9 21.3 31.9



#30
Pyrene
Concen: 0.05 ng
RT: 19.548 min Scan# 1915
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:202 Resp: 4121
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 19.5 14.0 21.0

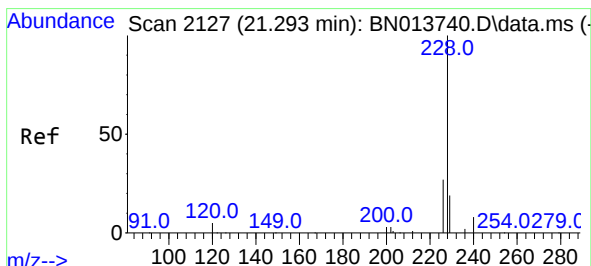
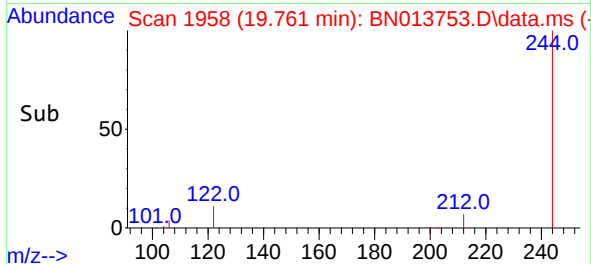
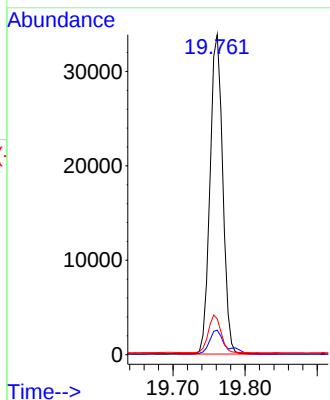
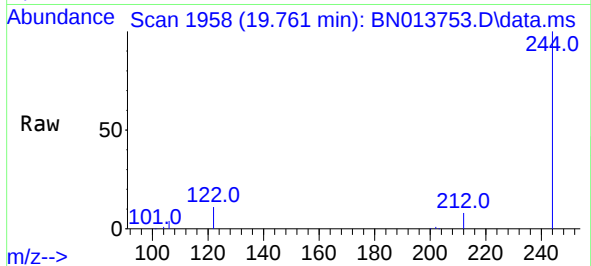




#31
Terphenyl-d14
Concen: 0.66 ng
RT: 19.761 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

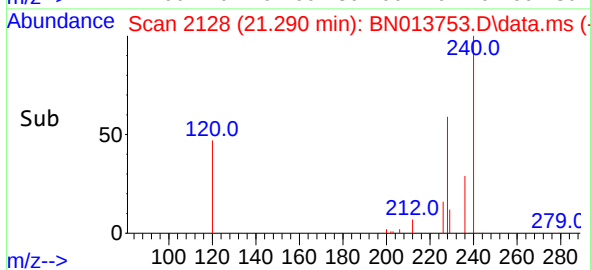
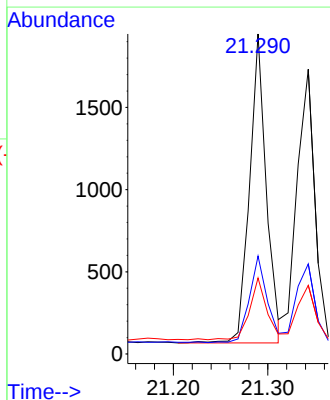
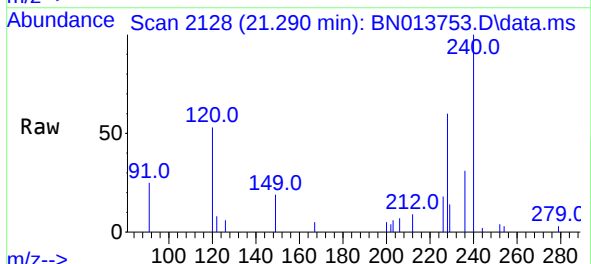
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

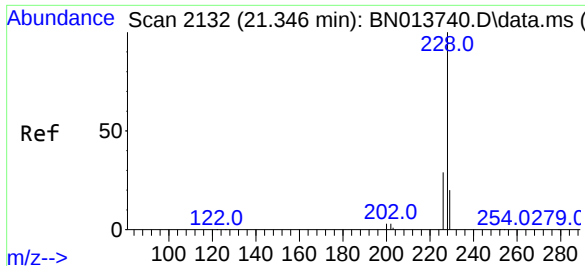
Tgt Ion:244 Resp: 41367
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 11.2 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:228 Resp: 2321
Ion Ratio Lower Upper
228 100
226 30.6 20.5 30.7
229 23.8 16.2 24.4

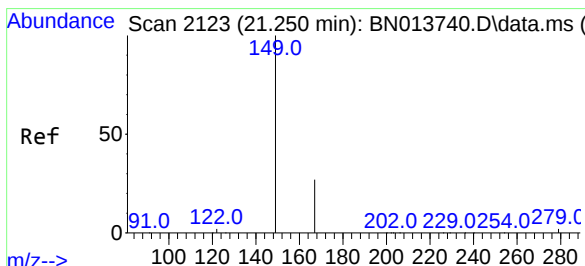
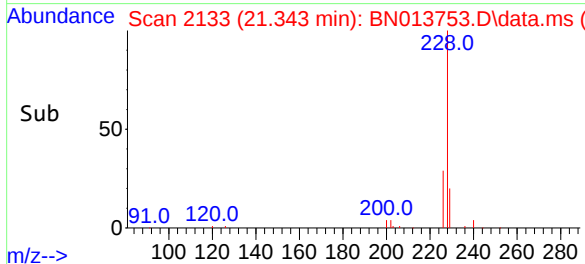
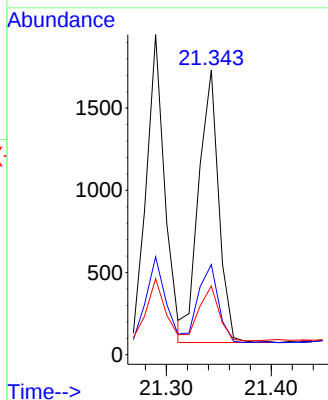
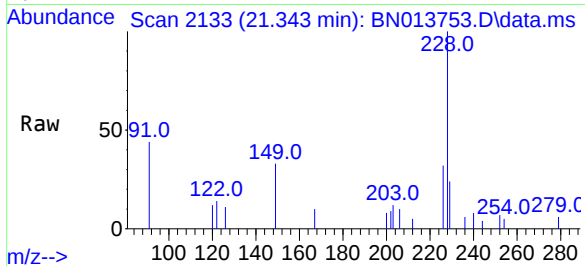




#33
Chrysene
Concen: 0.03 ng
RT: 21.343 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

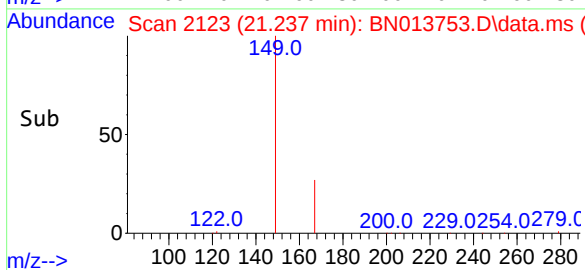
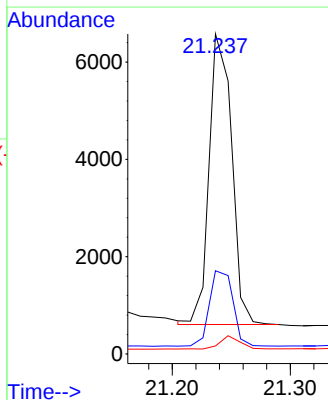
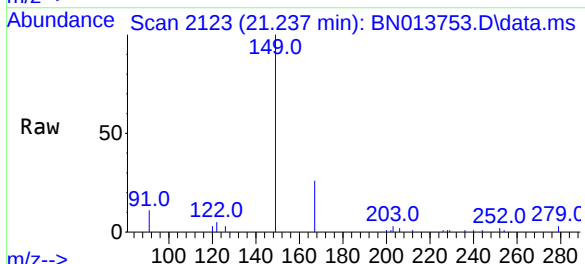
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

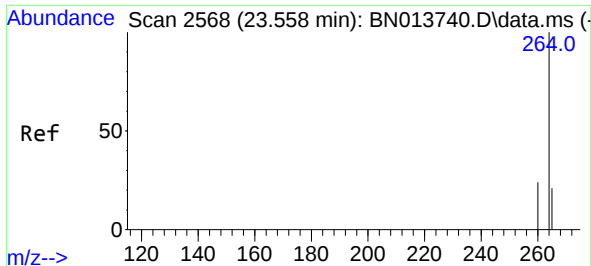
Tgt Ion:228	Resp:	2193
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.3 36.5
229	24.1	15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.013 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

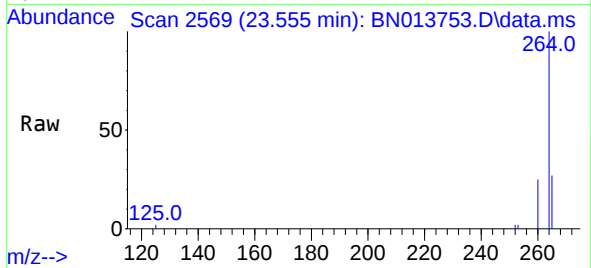
Tgt Ion:149	Resp:	7924
Ion Ratio	Lower	Upper
149	100	
167	27.1	22.1 33.1
279	4.2	3.5 5.3



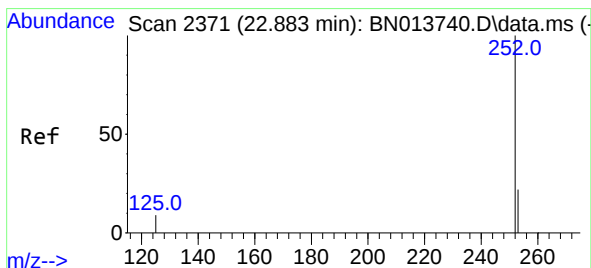
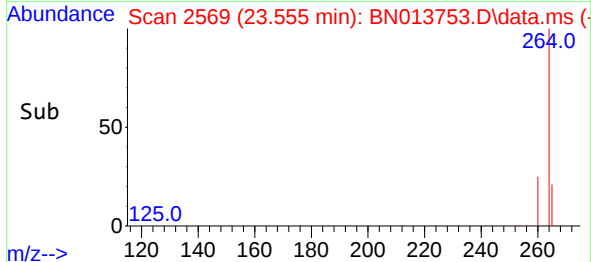
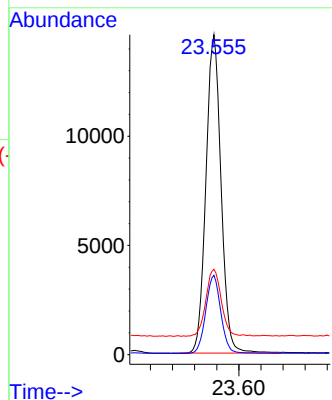


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.555 min Scan# 2569
Delta R.T. -0.003 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

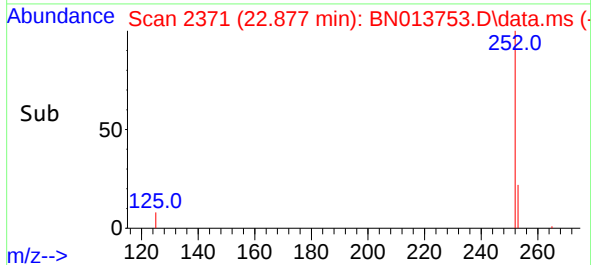
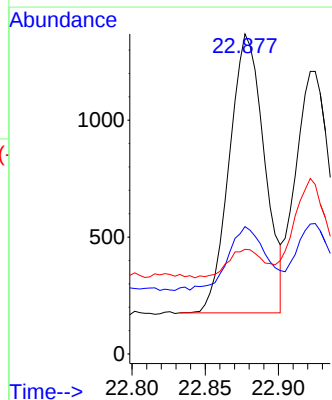
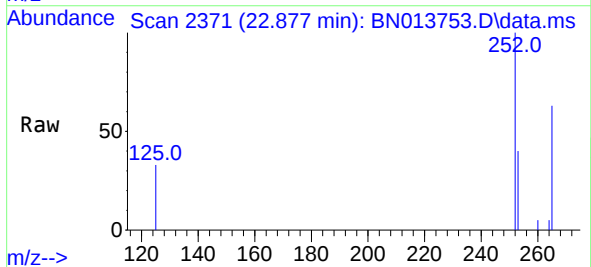


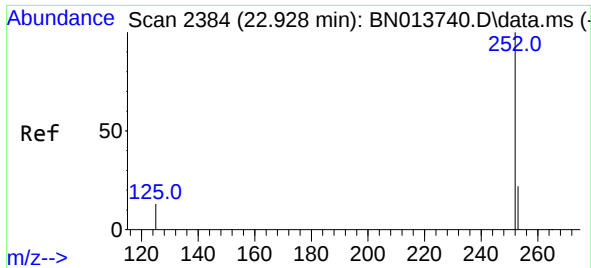
Tgt Ion:264 Resp: 27701
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 26.7 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.877 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BN013753.D
Acq: 25 Feb 2021 07:43

Tgt Ion:252 Resp: 1988
Ion Ratio Lower Upper
252 100
253 39.8 20.4 30.6#
125 32.7 11.6 17.4#





#38

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.922 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BN013753.D

Acq: 25 Feb 2021 07:43

Tgt Ion:252 Resp: 1718

Ion Ratio Lower Upper

252 100

253 46.0 20.5 30.7#

125 62.1 12.3 18.5#

Instrument :

BNA_N

ClientSampleId :

GWBR1-132-149-022321

