

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
 Data File : BN013900.D
 Acq On : 10 Mar 2021 10:57
 Operator : CG/JU
 Sample : M1611-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-175-200-030921

Quant Time: Mar 10 11:28:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

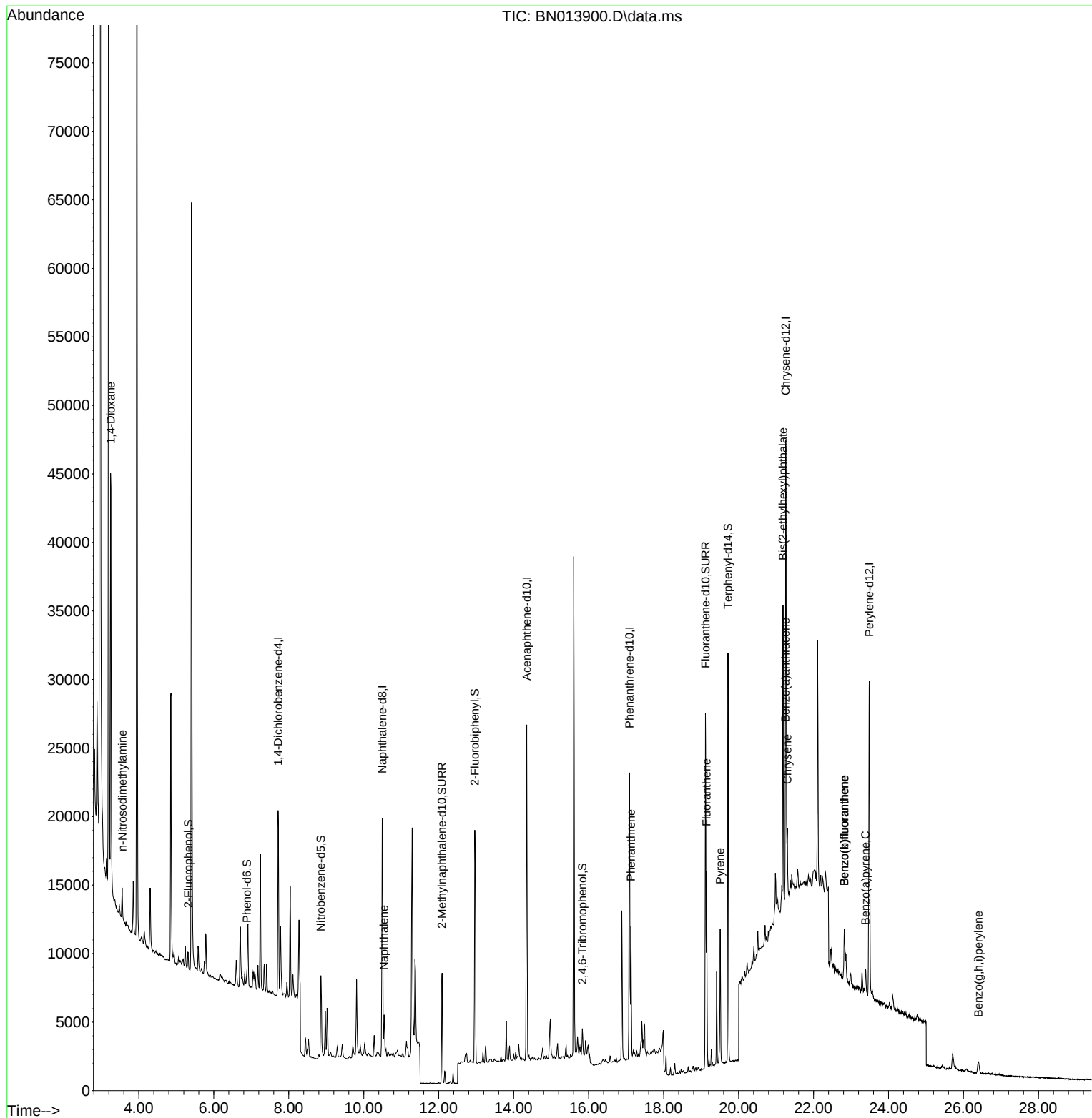
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5903	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	23257	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	13078	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28762	0.40	ng	# 0.00
29) Chrysene-d12	21.258	240	31685	0.40	ng	-0.01
36) Perylene-d12	23.487	264	29746	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	910	0.06	ng	0.00
5) Phenol-d6	6.887	99	691	0.03	ng	0.00
8) Nitrobenzene-d5	8.857	82	4701	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	10434	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	1373	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.963	172	15475	0.33	ng	-0.01
27) Fluoranthene-d10	19.116	212	28471	0.34	ng	0.00
31) Terphenyl-d14	19.717	244	28400	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	18933	2.65	ng	95
3) n-Nitrosodimethylamine	3.561	42	311	0.06	ng	# 1
9) Naphthalene	10.543	128	3561	0.06	ng	# 93
25) Phenanthrene	17.128	178	9444	0.13	ng	99
28) Fluoranthene	19.146	202	12229	0.14	ng	# 89
30) Pyrene	19.508	202	8715	0.09	ng	# 96
32) Benzo(a)anthracene	21.247	228	2199	0.02	ng	# 75
33) Chrysene	21.300	228	4169	0.04	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.184	149	18239	0.39	ng	97
37) Benzo(b)fluoranthene	22.819	252	4878	0.05	ng	# 1
38) Benzo(k)fluoranthene	22.819	252	4878	0.05	ng	# 1
39) Benzo(a)pyrene	23.387	252	2064	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.399	276	1924	0.02	ng	# 49

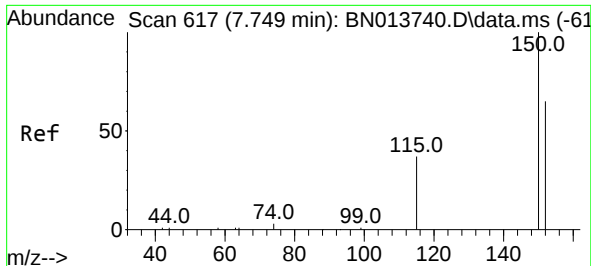
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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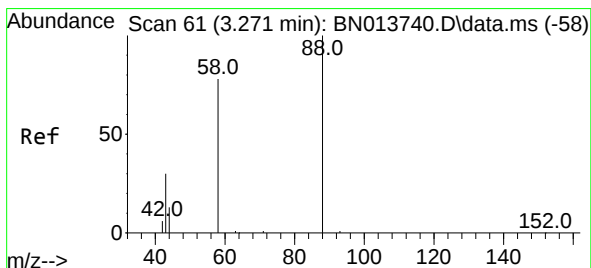
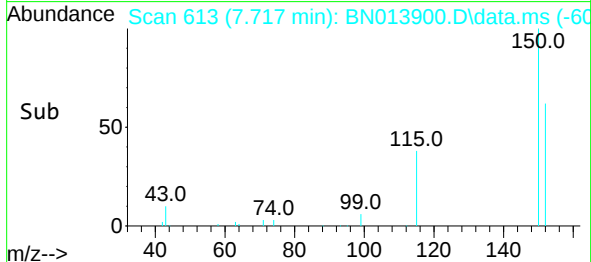
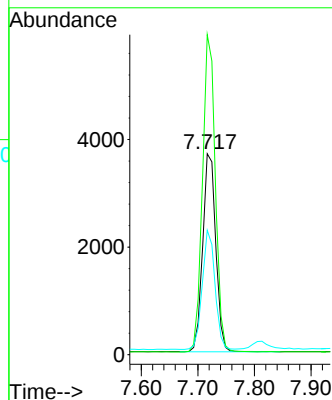
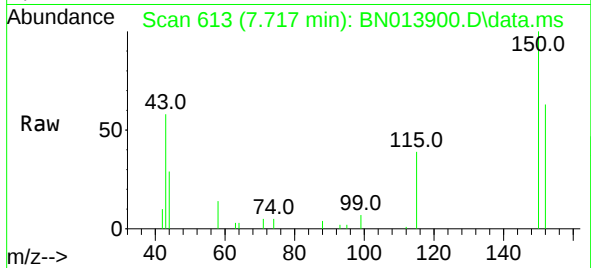




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.717 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

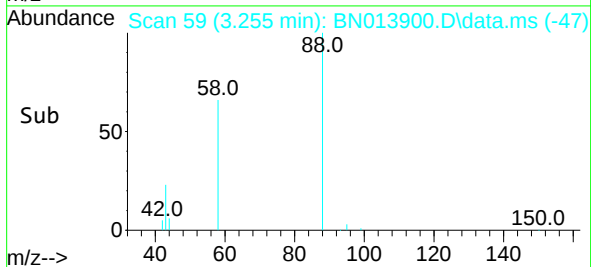
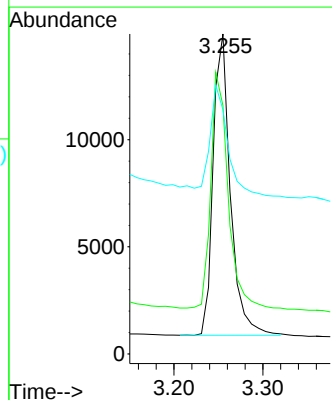
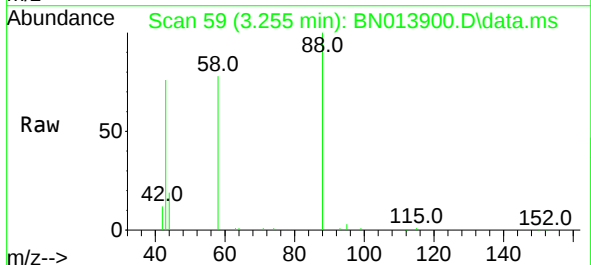
Instrument :
BNA_N
ClientSampleId :
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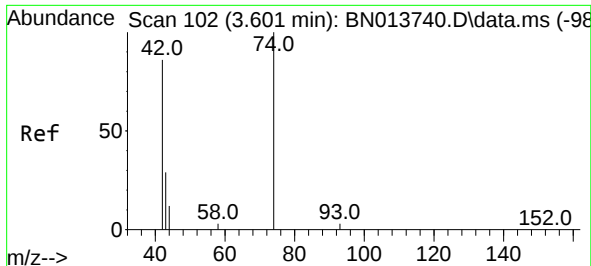
Tgt Ion:152 Resp: 5903
Ion Ratio Lower Upper
152 100
150 159.3 121.8 182.8
115 62.0 46.6 69.8



#2
1,4-Dioxane
Concen: 2.65 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion: 88 Resp: 18933
Ion Ratio Lower Upper
88 100
58 78.0 64.6 96.8
43 38.2 26.6 40.0

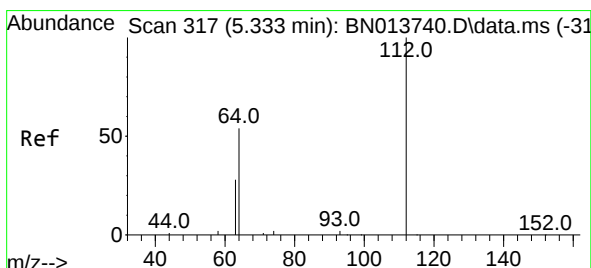
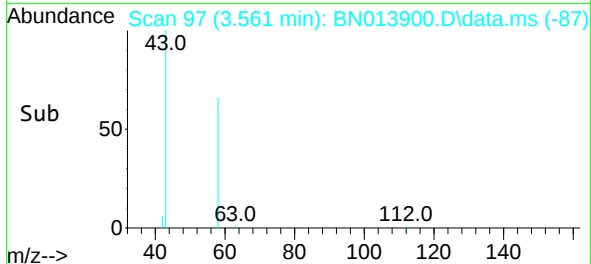
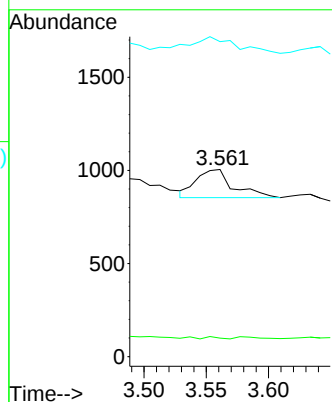
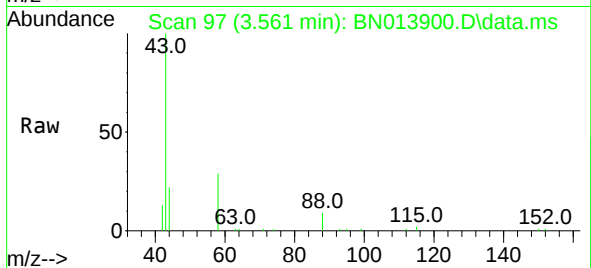




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.016 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

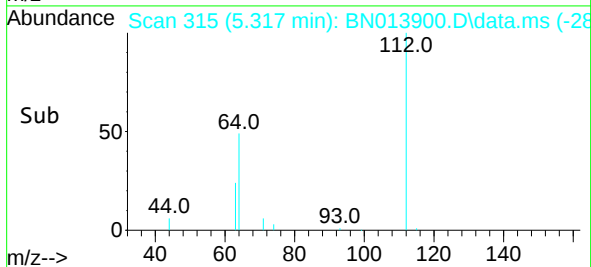
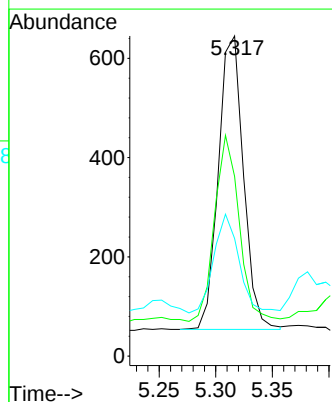
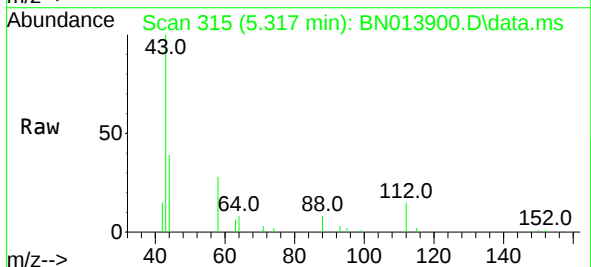
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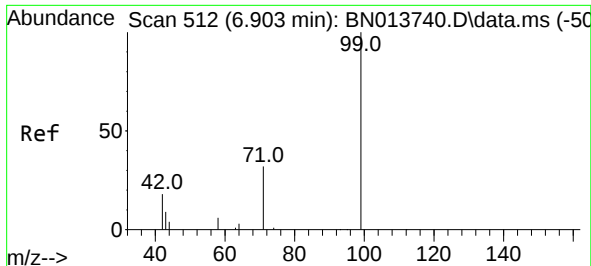
Tgt Ion: 42 Resp: 311
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 72.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion: 112 Resp: 910
Ion Ratio Lower Upper
112 100
64 62.0 44.3 66.5
63 33.4 23.0 34.6

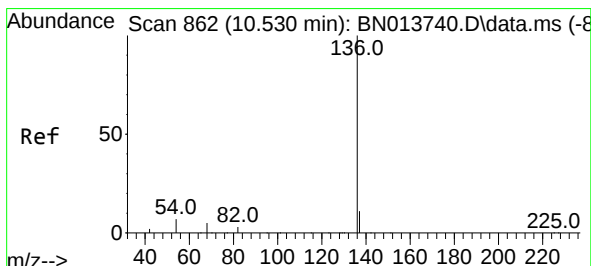
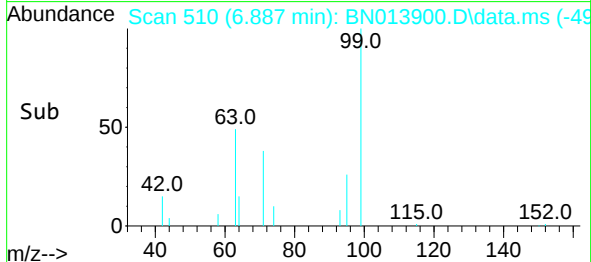
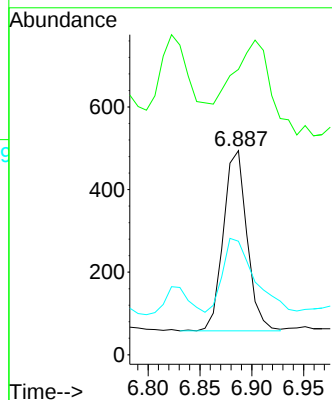
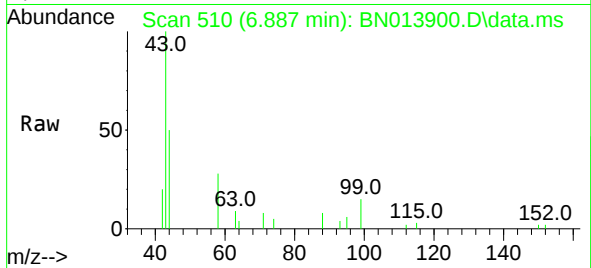




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

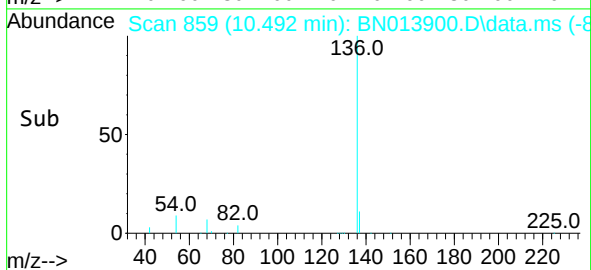
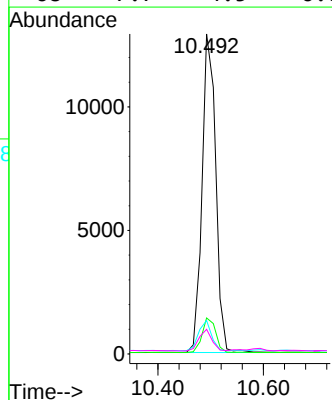
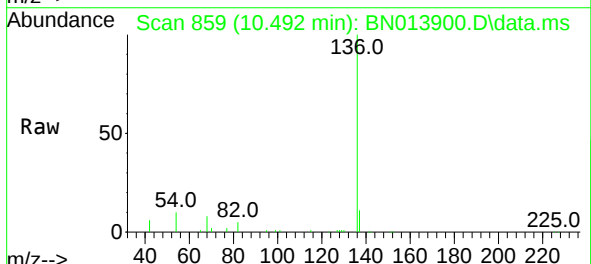
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

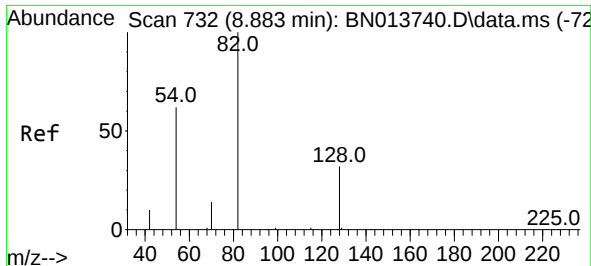
Tgt Ion: 99 Resp: 691
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 59.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.012 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion: 136 Resp: 23257
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.4 6.4 9.6#
68 7.7 4.5 6.7#

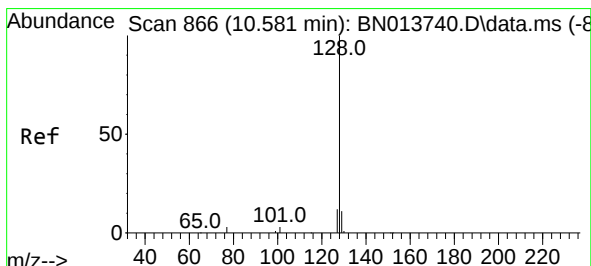
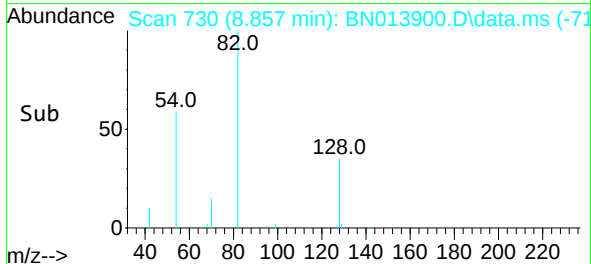
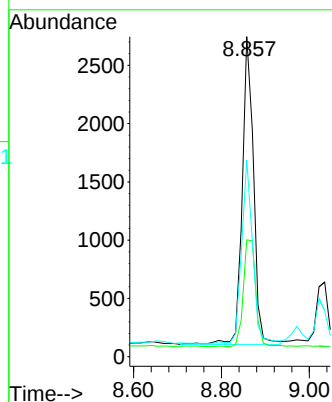
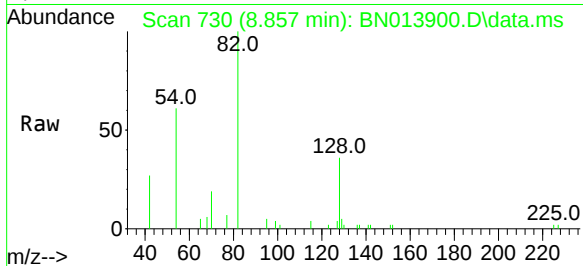




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

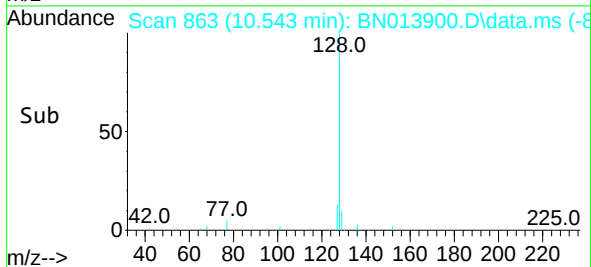
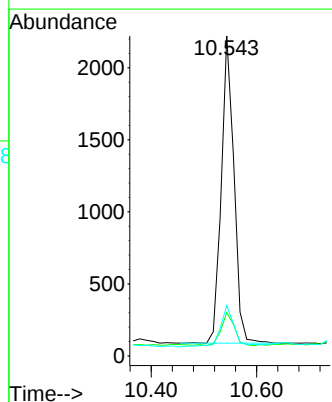
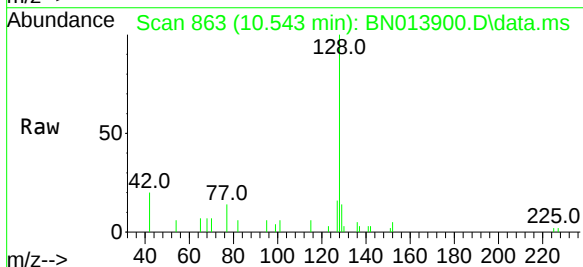
Instrument :
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ClientSampleId :
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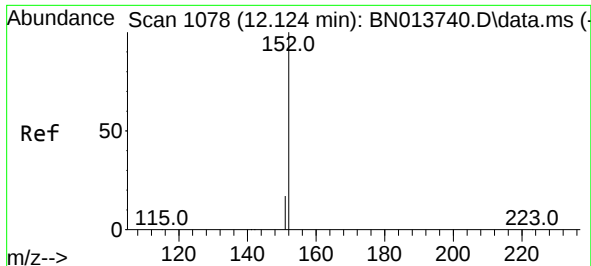
Tgt Ion: 82 Resp: 4701
Ion Ratio Lower Upper
82 100
128 36.5 39.2 58.8#
54 61.5 40.1 60.1#



#9
Naphthalene
Concen: 0.06 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion: 128 Resp: 3561
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.4#
127 15.8 10.4 15.6#

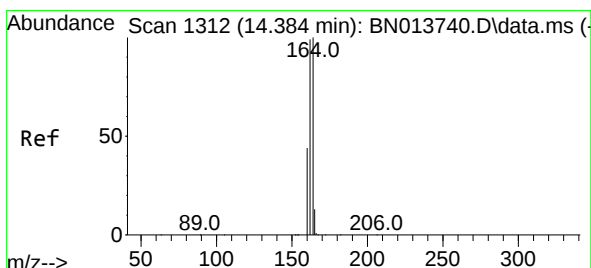
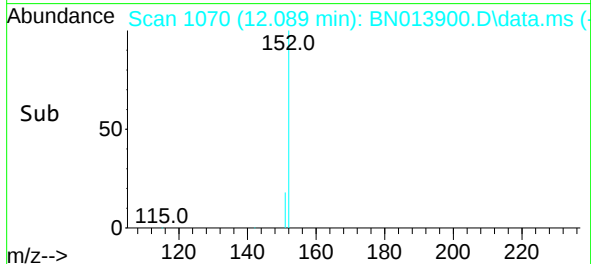
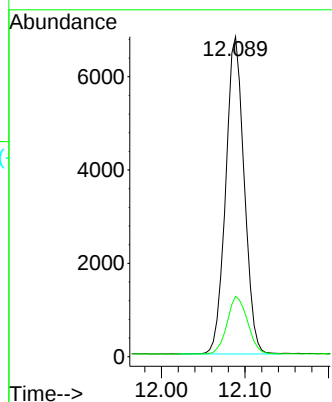
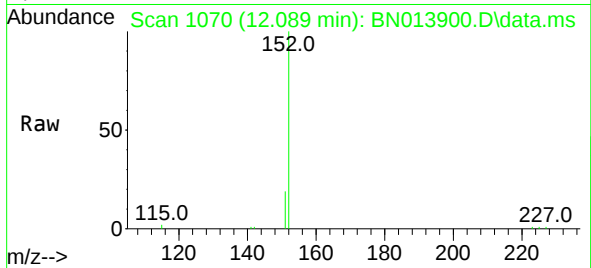




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.089 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

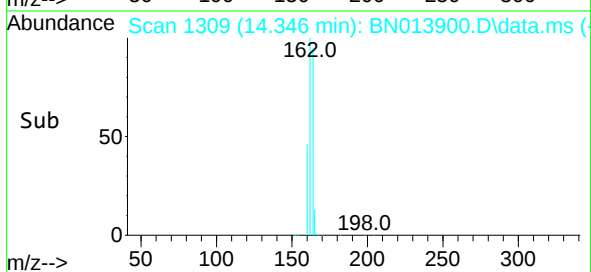
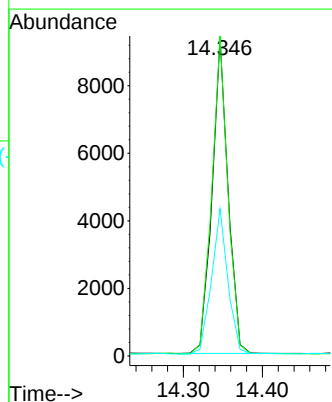
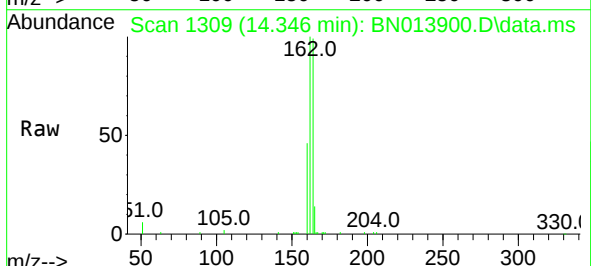
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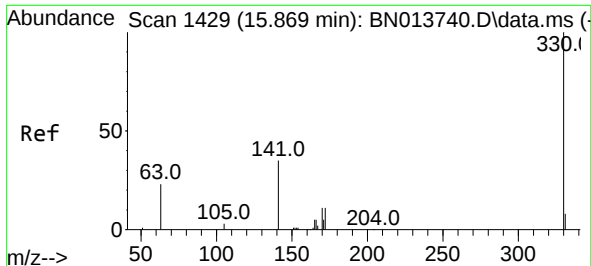
Tgt Ion:152 Resp: 10434
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion:164 Resp: 13078
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 46.3 36.0 54.0

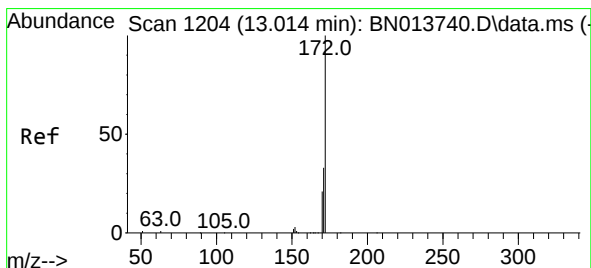
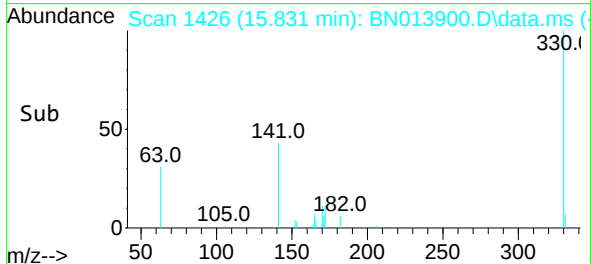
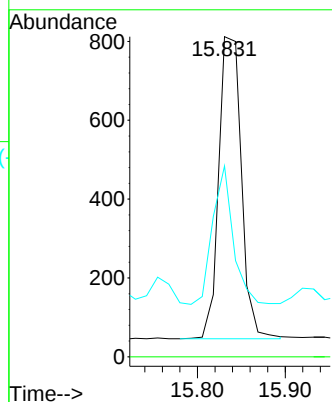
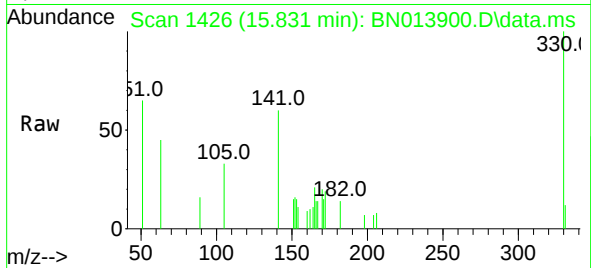




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

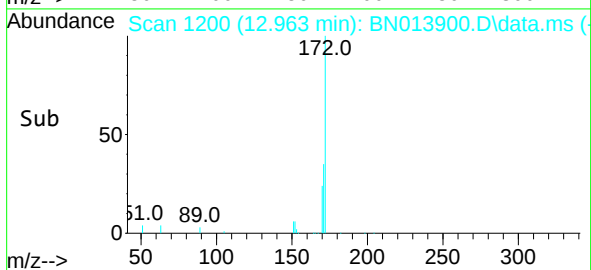
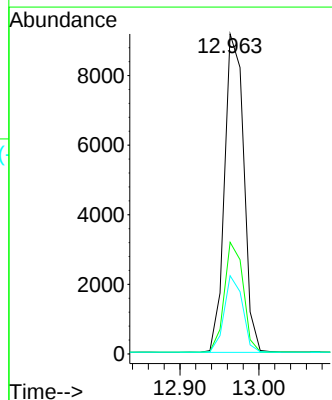
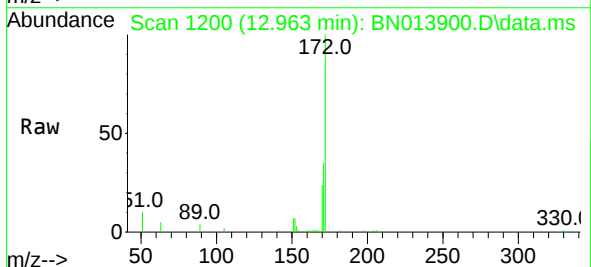
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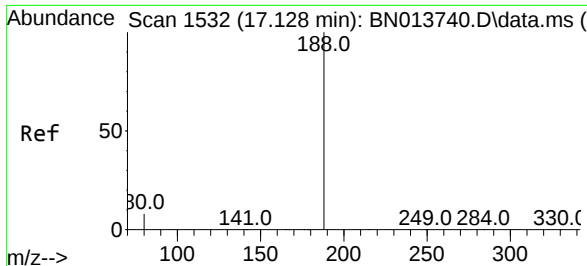
Tgt Ion: 330 Resp: 1373
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.7 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion: 172 Resp: 15475
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 24.4 18.9 28.3

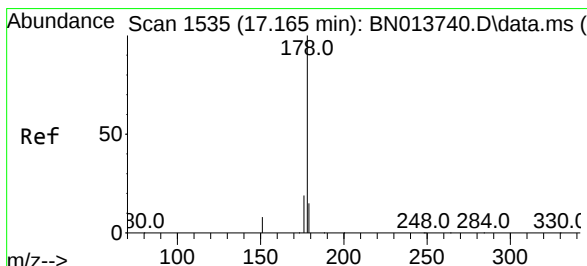
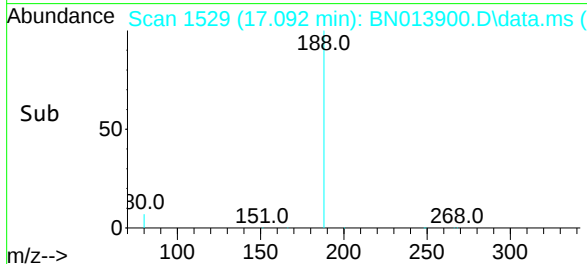
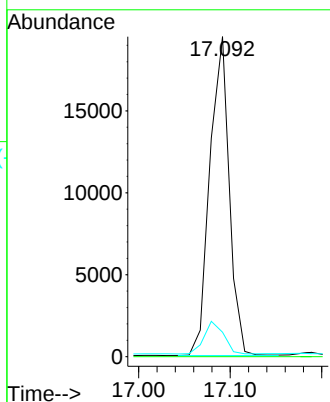
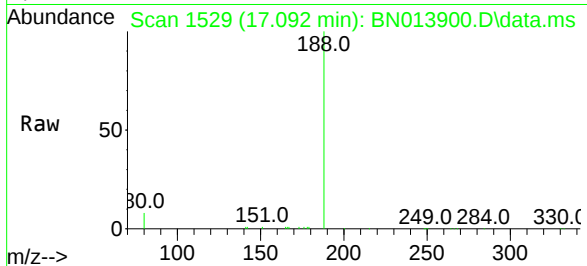




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

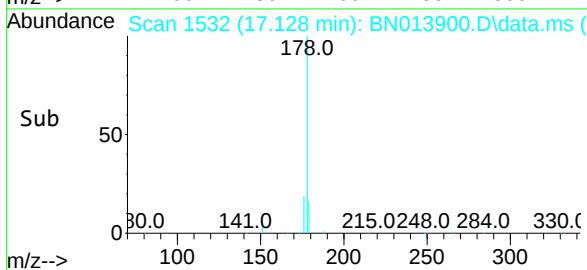
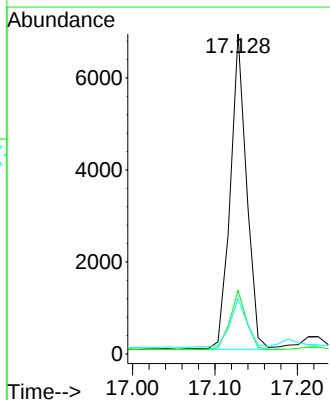
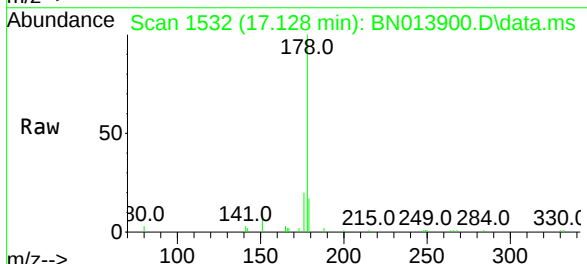
Instrument :
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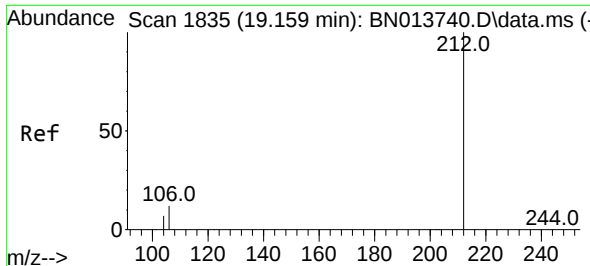
Tgt Ion:188 Resp: 28762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 9.0 13.6#



#25
Phenanthrene
Concen: 0.13 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion:178 Resp: 9444
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.2 12.3 18.5

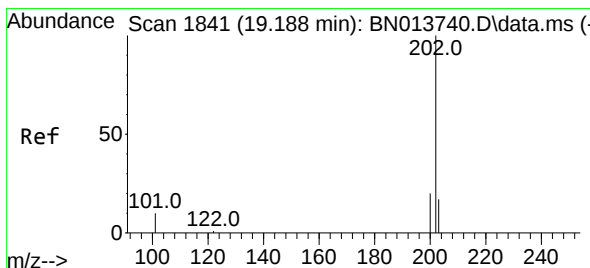
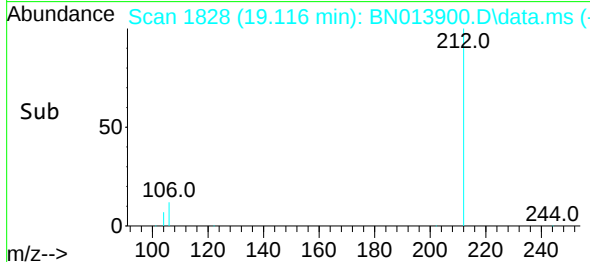
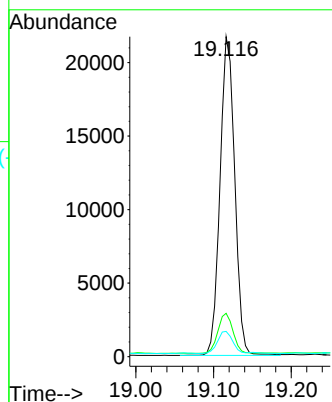
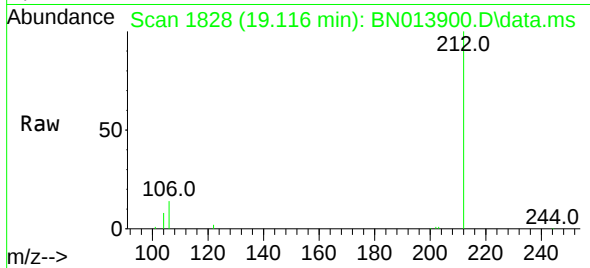




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.116 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

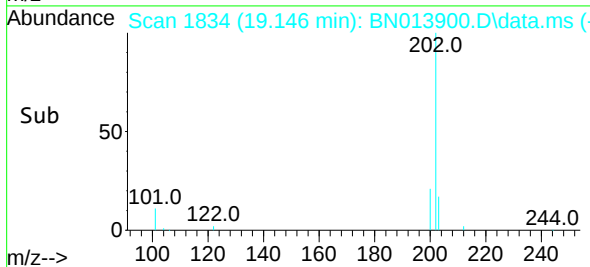
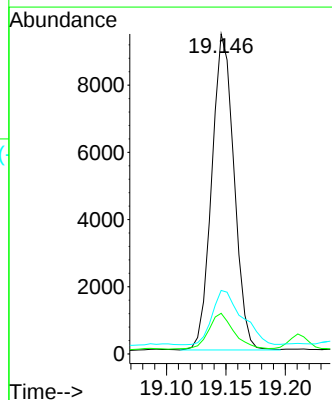
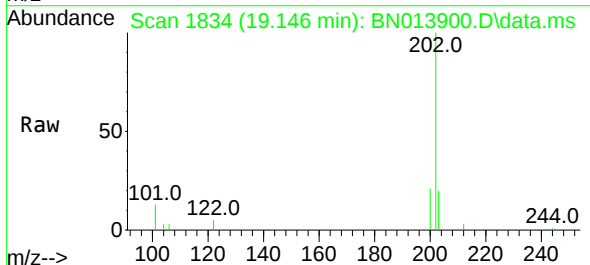
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

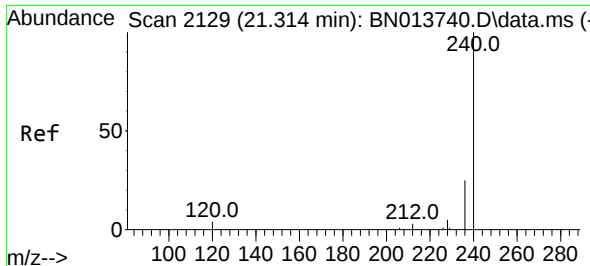
Tgt Ion:212 Resp: 28471
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.0 5.5 8.3



#28
Fluoranthene
Concen: 0.14 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Tgt Ion:202 Resp: 12229
Ion Ratio Lower Upper
202 100
101 13.1 8.1 12.1#
203 23.2 13.9 20.9#

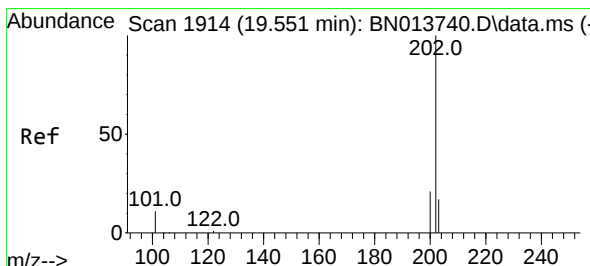
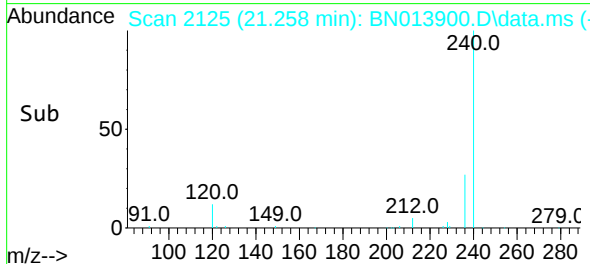
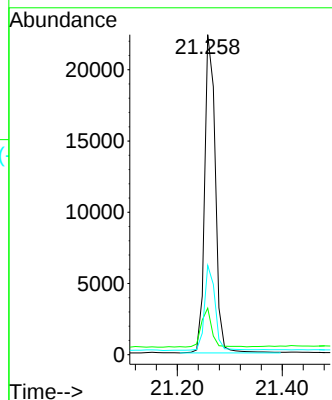
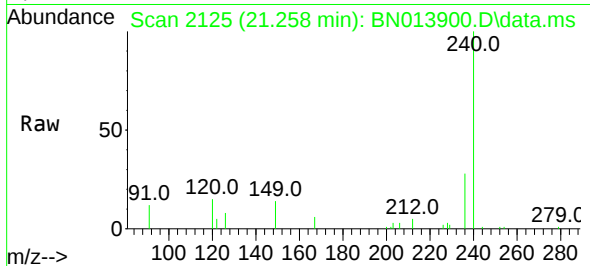




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2125
Delta R.T. -0.010 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

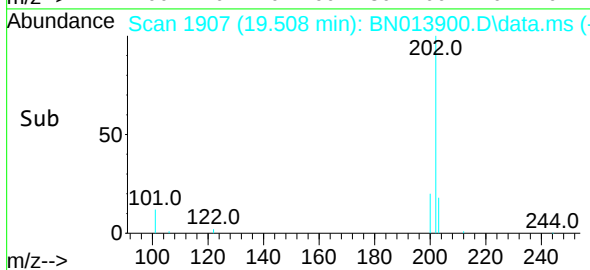
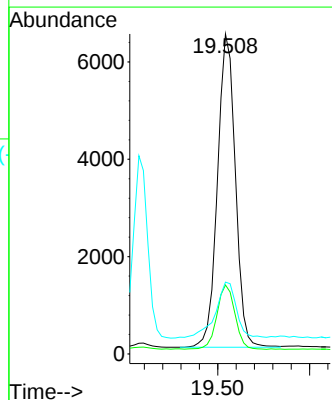
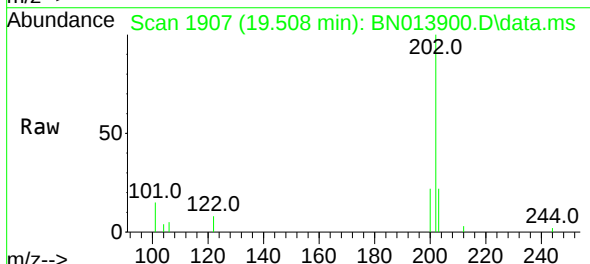
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

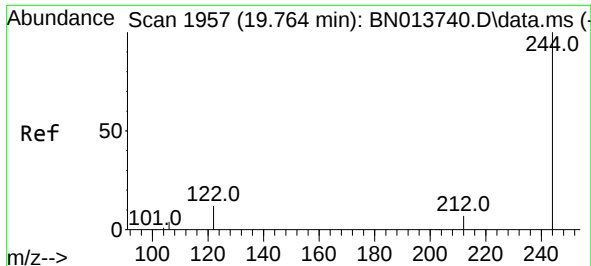
Tgt Ion:240 Resp: 31685
Ion Ratio Lower Upper
240 100
120 14.5 10.2 15.4
236 27.9 21.3 31.9



#30
Pyrene
Concen: 0.09 ng
RT: 19.508 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

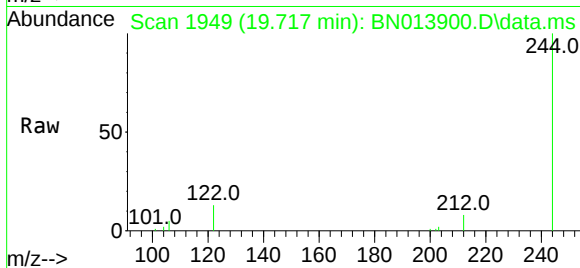
Tgt Ion:202 Resp: 8715
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 21.1 14.0 21.0#



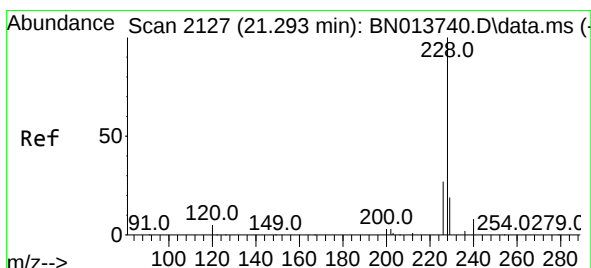
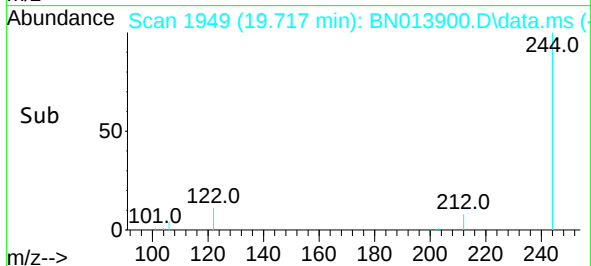
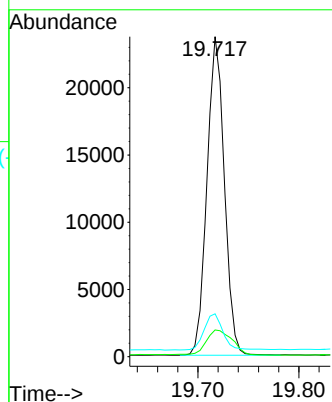


#31
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 19.717 min Scan# 1949
 Delta R.T. -0.005 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-175-200-030921

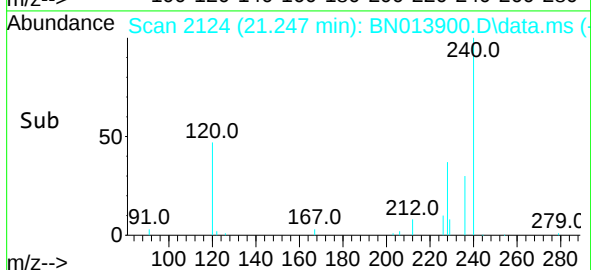
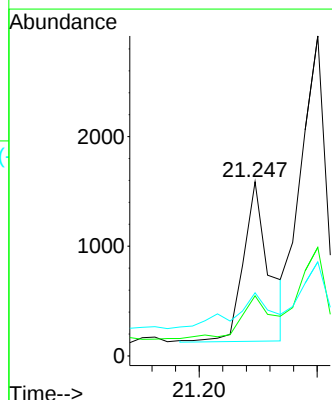
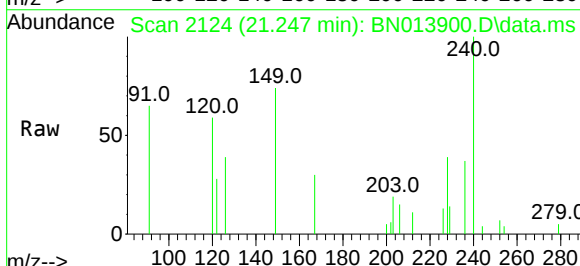


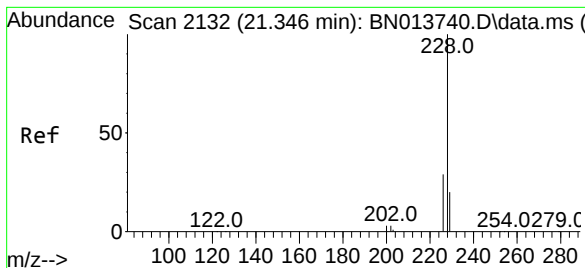
Tgt Ion:244 Resp: 28400
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 13.4 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.247 min Scan# 2124
 Delta R.T. 0.000 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

Tgt Ion:228 Resp: 2199
 Ion Ratio Lower Upper
 228 100
 226 34.5 20.5 30.7#
 229 36.2 16.2 24.4#





#33

Chrysene

Concen: 0.04 ng

RT: 21.300 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN013900.D

Acq: 10 Mar 2021 10:57

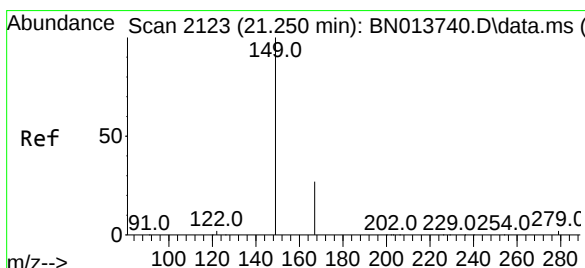
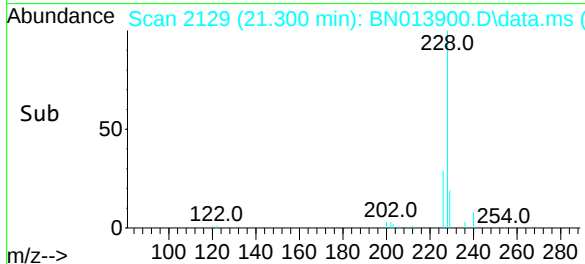
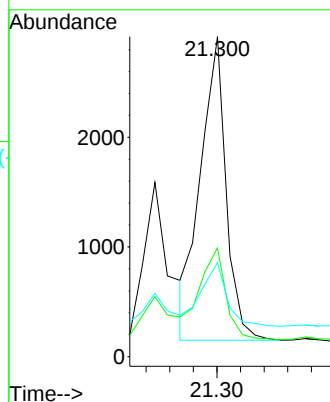
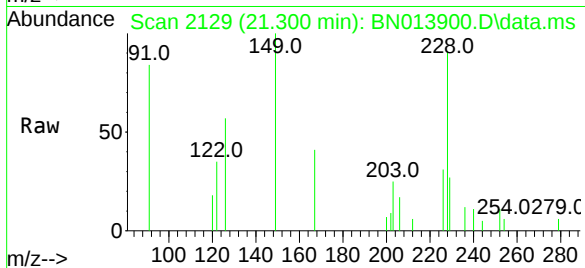
Instrument :

BNA_N

ClientSampleId :

GWBR1-175-200-030921

Tgt Ion:228	Resp:	4169
Ion Ratio	Lower	Upper
228	100	
226	34.0	24.3 36.5
229	29.4	15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

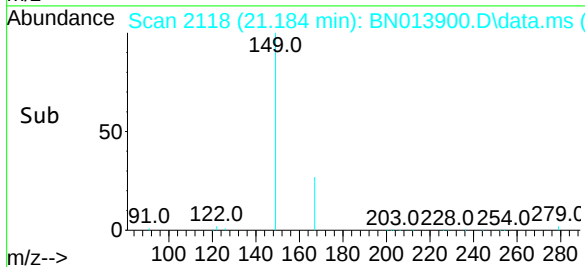
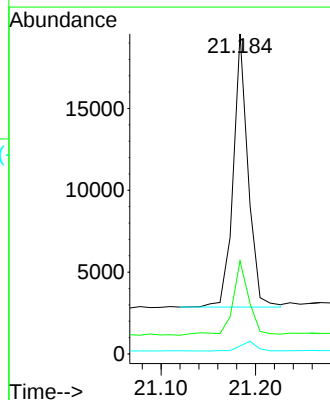
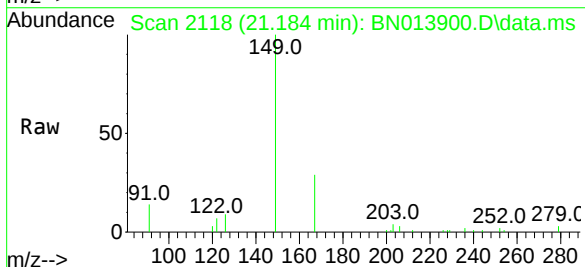
RT: 21.184 min Scan# 2118

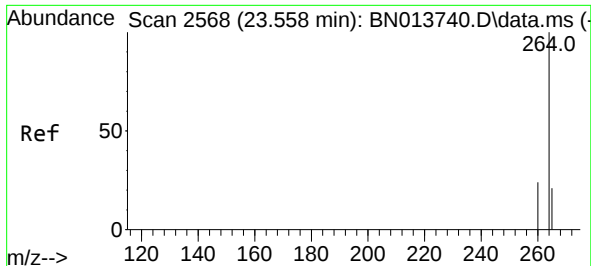
Delta R.T. -0.010 min

Lab File: BN013900.D

Acq: 10 Mar 2021 10:57

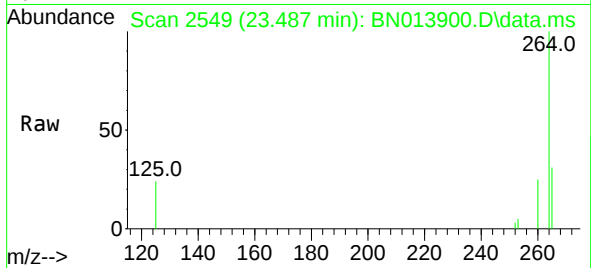
Tgt Ion:149	Resp:	18239
Ion Ratio	Lower	Upper
149	100	
167	29.5	22.1 33.1
279	3.9	3.5 5.3



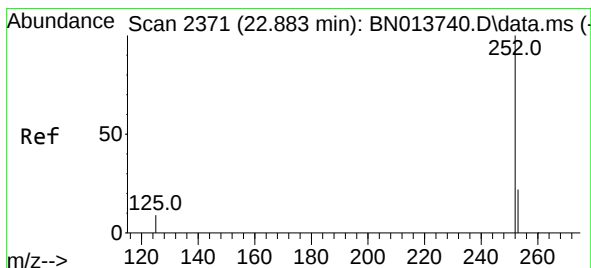
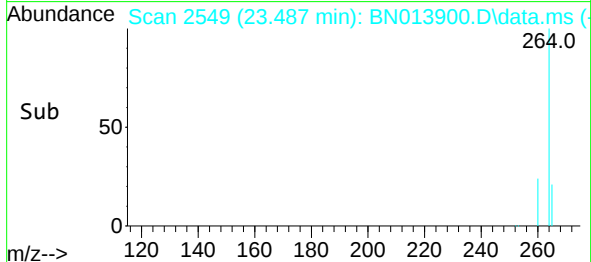
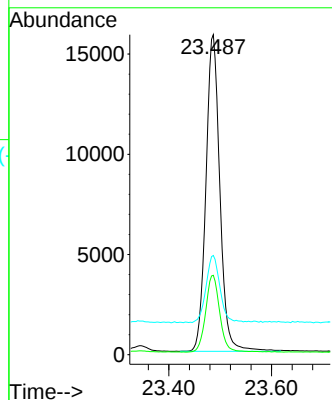


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.487 min Scan# 2549
 Delta R.T. -0.007 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-175-200-030921

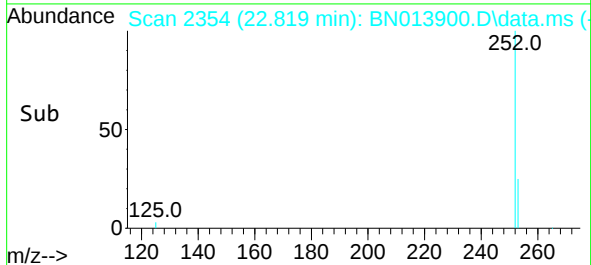
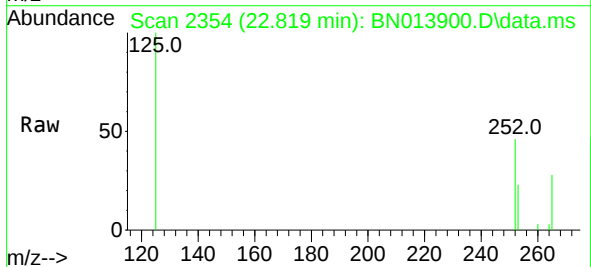
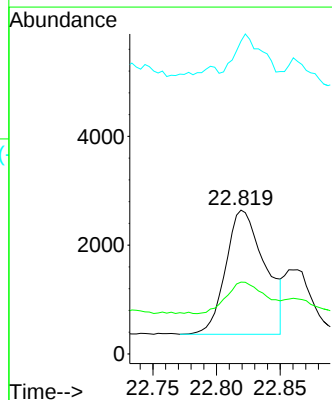


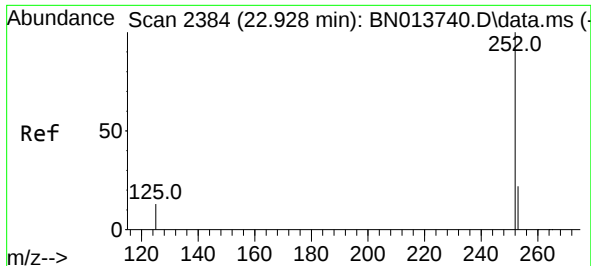
Tgt Ion:264 Resp: 29746
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 31.0 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.05 ng
 RT: 22.819 min Scan# 2354
 Delta R.T. -0.007 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

Tgt Ion:252 Resp: 4878
 Ion Ratio Lower Upper
 252 100
 253 49.9 20.4 30.6#
 125 217.3 11.6 17.4#

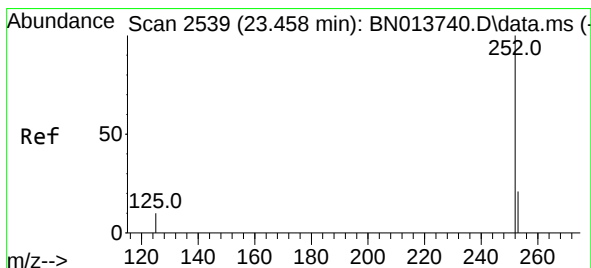
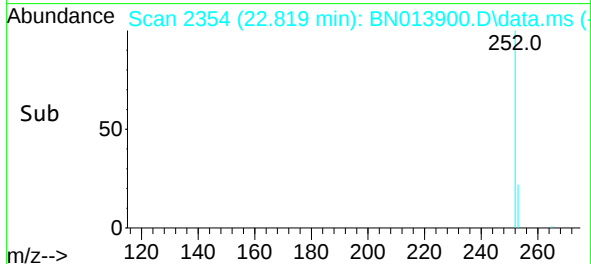
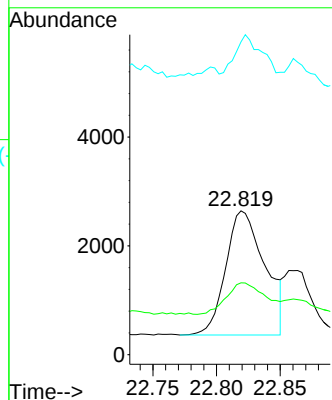
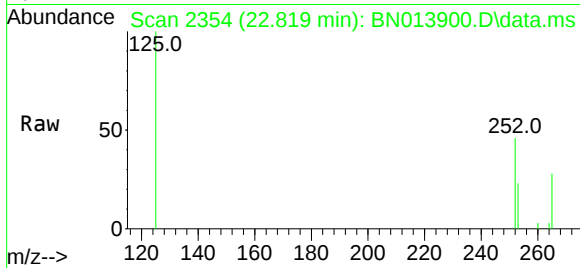




#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.819 min Scan# 2354
Delta R.T. -0.048 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

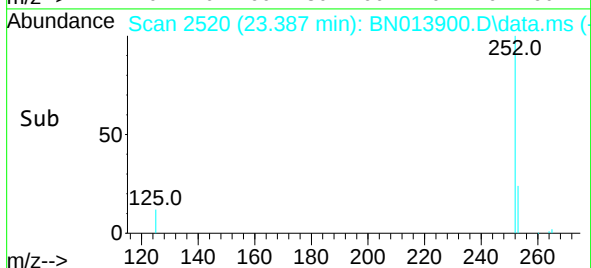
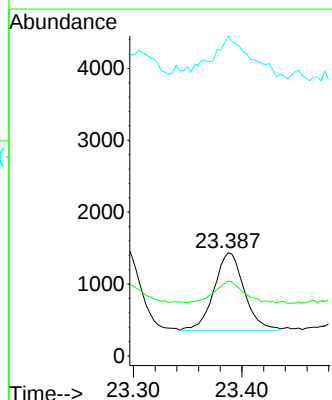
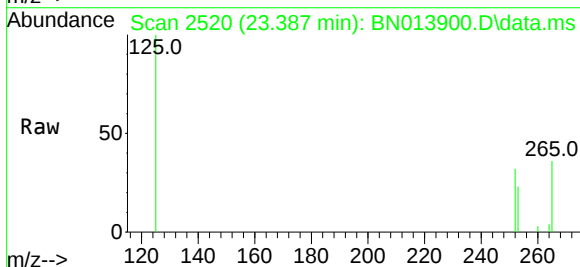
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

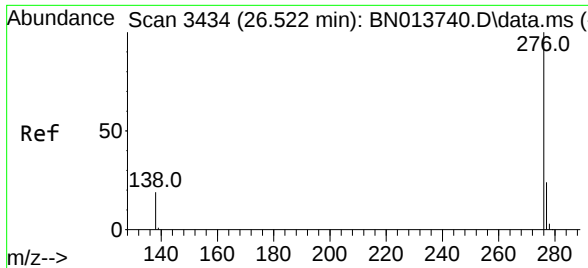
Tgt Ion:252 Resp: 4878
Ion Ratio Lower Upper
252 100
253 49.9 20.5 30.7#
125 217.3 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.387 min Scan# 2520
Delta R.T. -0.010 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

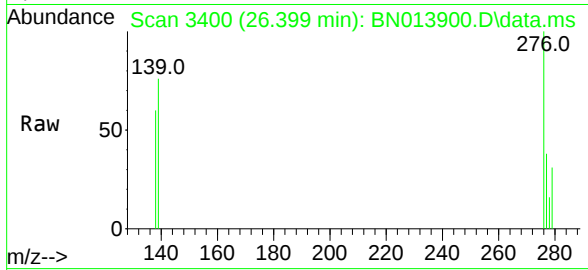
Tgt Ion:252 Resp: 2064
Ion Ratio Lower Upper
252 100
253 72.8 21.8 32.6#
125 310.2 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.399 min Scan# 3400
Delta R.T. -0.010 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921



Tgt Ion:276 Resp: 1924
Ion Ratio Lower Upper
276 100
277 37.9 20.0 30.0#
138 60.0 17.8 26.8#

