

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
 Data File : BN013754.D
 Acq On : 25 Feb 2021 08:19
 Operator : CG/JU
 Sample : M1473-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

Quant Time: Feb 25 09:34:59 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)

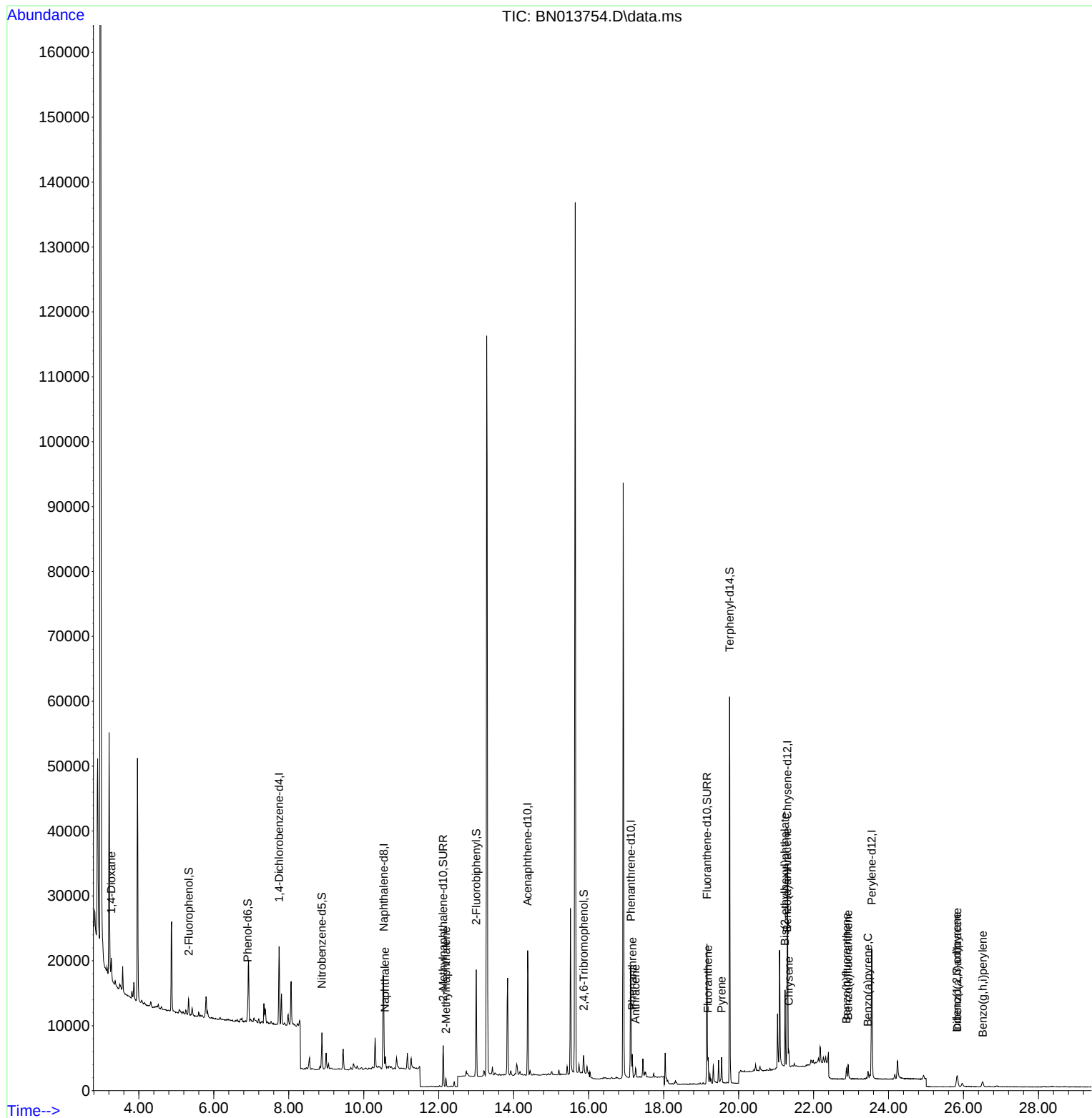
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5322	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	20889	0.40	ng	0.00
13) Acenaphthene-d10	14.371	164	11946	0.40	ng	-0.01
19) Phenanthrene-d10	17.128	188	26443	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	26907	0.40	ng	-0.01
36) Perylene-d12	23.551	264	26681	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.332	112	1876	0.13	ng	0.00
5) Phenol-d6	6.903	99	1464	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	4221	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8229	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2159	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	12839	0.30	ng	-0.01
27) Fluoranthene-d10	19.153	212	24201	0.31	ng	0.00
31) Terphenyl-d14	19.759	244	56399	0.95	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	1811	0.28	ng	# 64
9) Naphthalene	10.568	128	2499	0.05	ng	# 87
12) 2-Methylnaphthalene	12.191	142	904	0.03	ng	# 84
25) Phenanthrene	17.165	178	3551	0.05	ng	100
26) Anthracene	17.250	178	1579	0.02	ng	# 96
28) Fluoranthene	19.183	202	3294	0.04	ng	# 93
30) Pyrene	19.546	202	3388	0.04	ng	97
32) Benzo(a)anthracene	21.292	228	2277	0.03	ng	# 89
33) Chrysene	21.335	228	2166	0.03	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	9750	0.25	ng	99
35) Indeno(1,2,3-cd)pyrene	25.820	276	2003	0.02	ng	95
37) Benzo(b)fluoranthene	22.876	252	2138	0.03	ng	# 65
38) Benzo(k)fluoranthene	22.921	252	1935	0.02	ng	# 27
39) Benzo(a)pyrene	23.451	252	1754	0.02	ng	# 63
40) Dibenzo(a,h)anthracene	25.837	278	1645	0.02	ng	# 47
41) Benzo(g,h,i)perylene	26.511	276	1688	0.02	ng	# 78

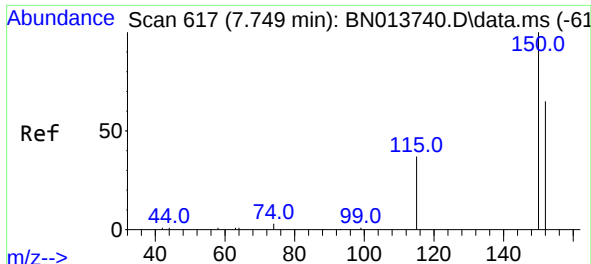
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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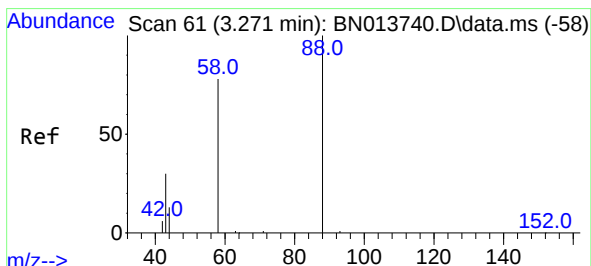
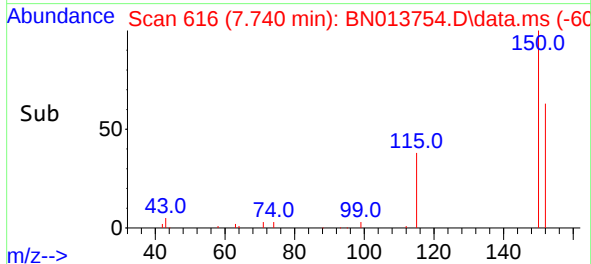
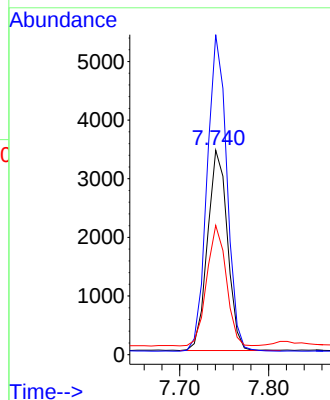
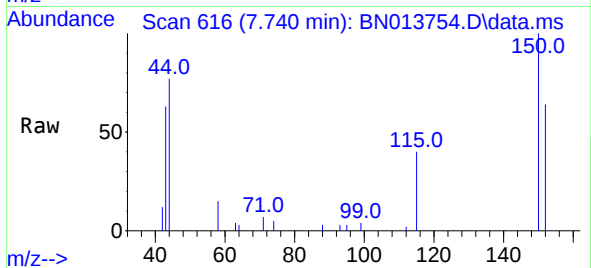




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.009 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

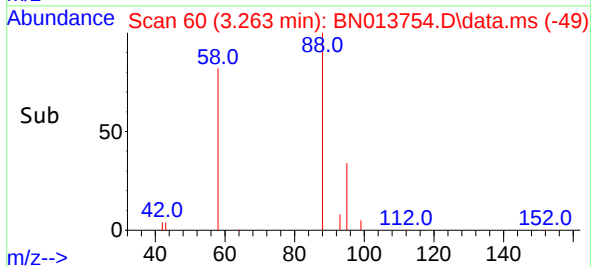
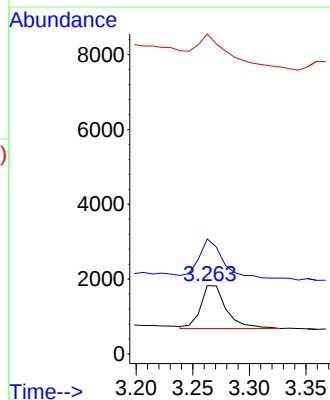
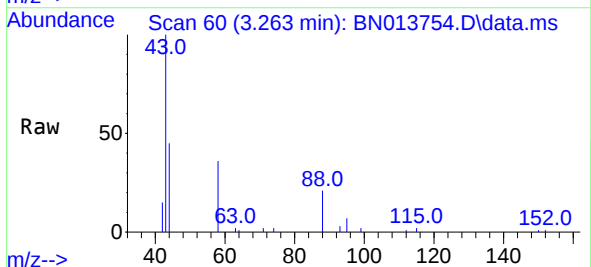
Instrument :
BNA_N
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GWBR1-119-129-022221

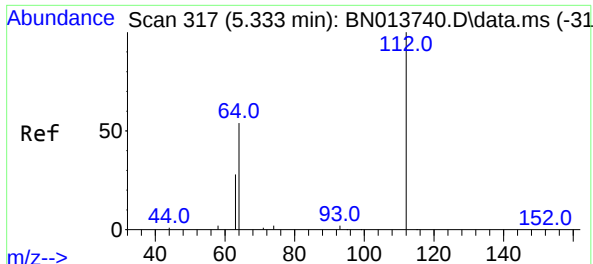
Tgt Ion:152 Resp: 5322
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 63.2 46.6 69.8



#2
1,4-Dioxane
Concen: 0.28 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion: 88 Resp: 1811
Ion Ratio Lower Upper
88 100
58 85.3 64.6 96.8
43 96.1 26.6 40.0#



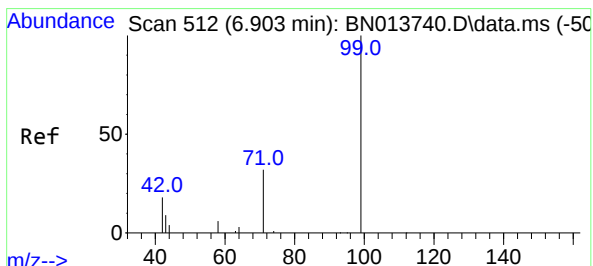
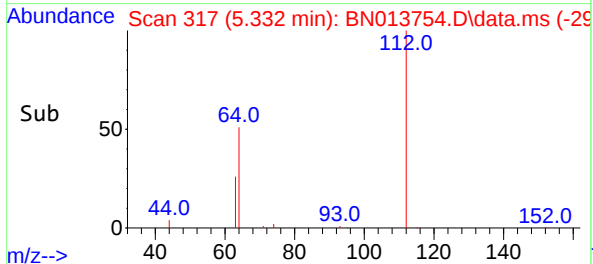
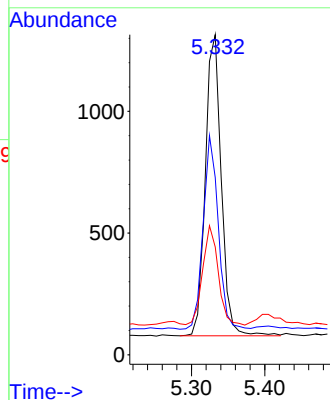
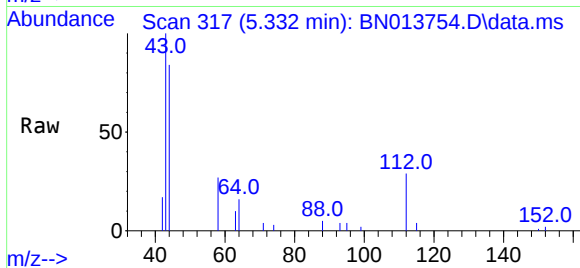


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.332 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Instrument :
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Tgt Ion: 112 Resp: 1876

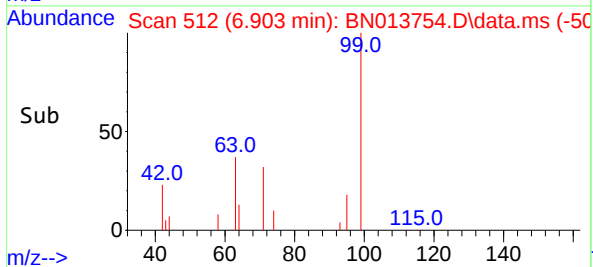
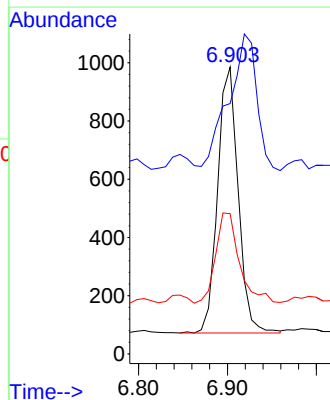
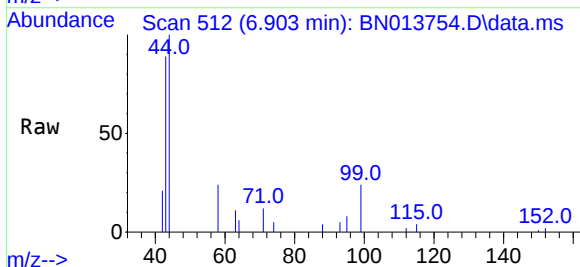
Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.3	66.5
63	32.2	23.0	34.6

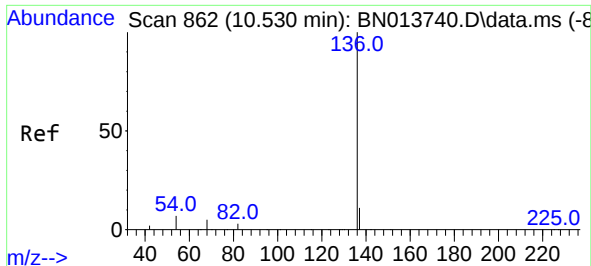


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion: 99 Resp: 1464

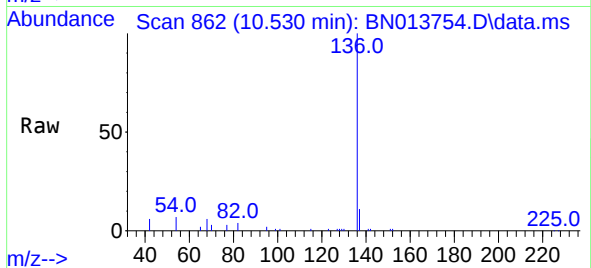
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	39.4	26.1	39.1#



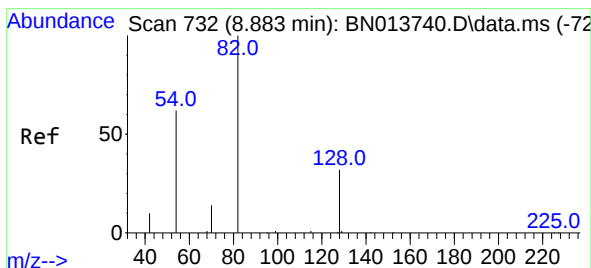
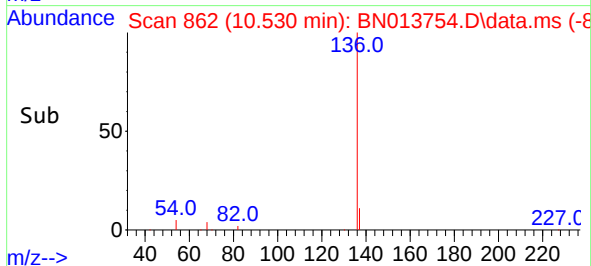
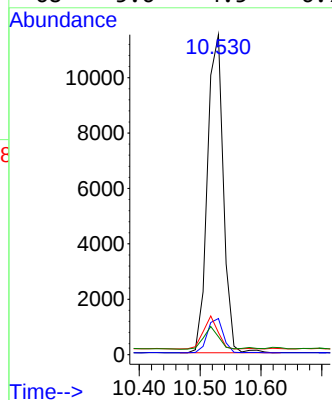


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Instrument :
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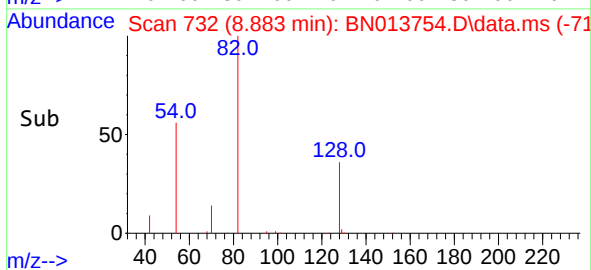
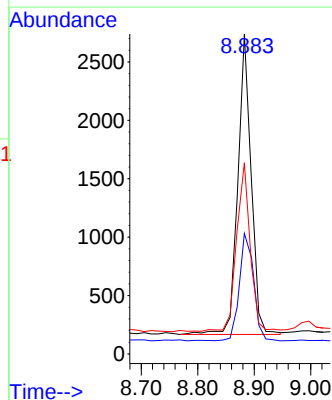
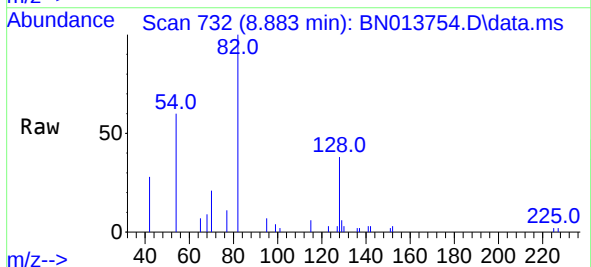


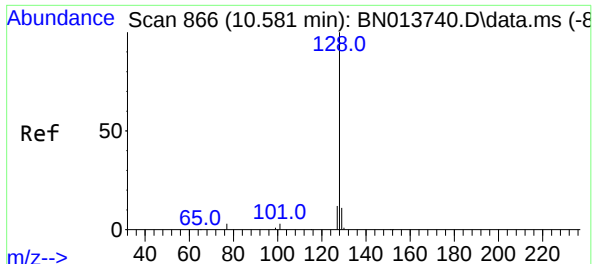
Tgt Ion:	136	Resp:	20889
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.9	6.4	9.6
68	5.6	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:	82	Resp:	4221
Ion	Ratio	Lower	Upper
82	100		
128	37.7	39.2	58.8#
54	59.7	40.1	60.1

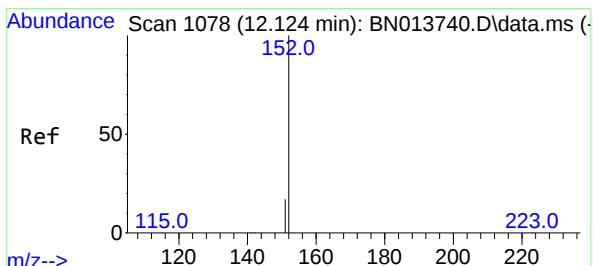
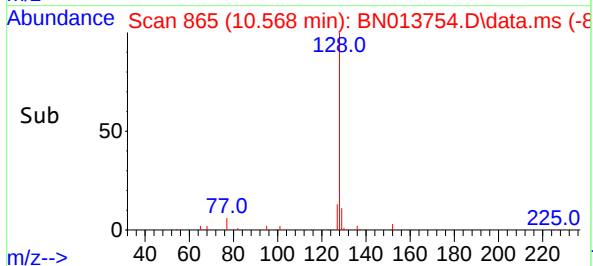
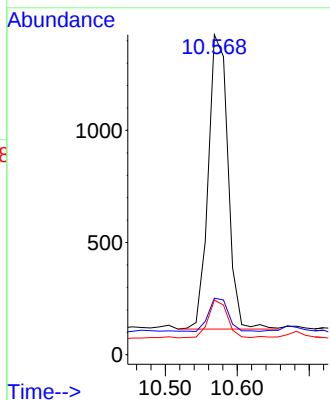
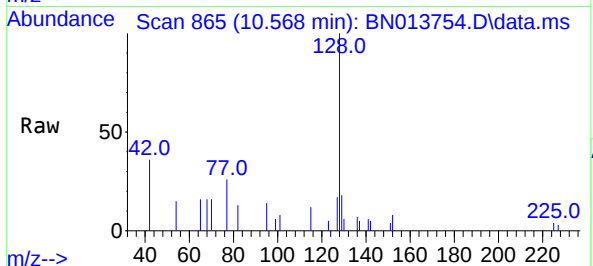




#9
Naphthalene
Concen: 0.05 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.013 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

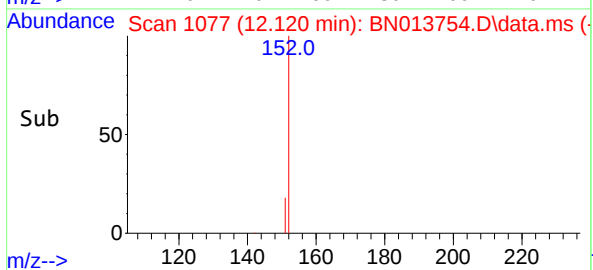
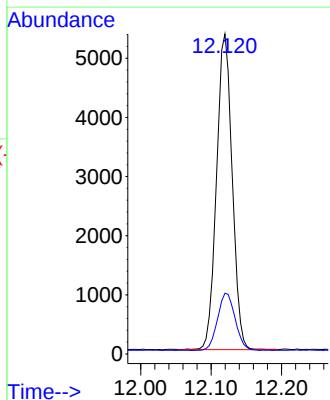
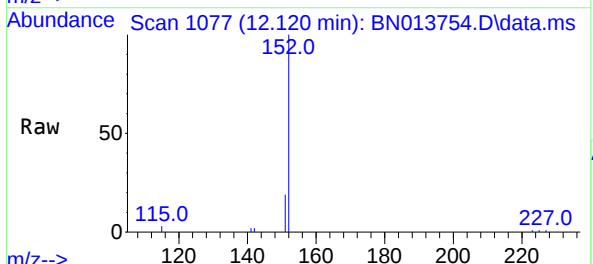
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

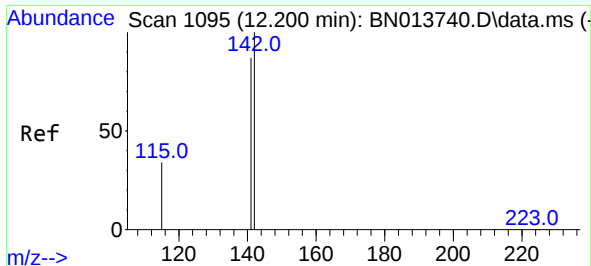
Tgt Ion:128 Resp: 2499
Ion Ratio Lower Upper
128 100
129 17.7 9.0 13.4#
127 17.0 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.005 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:152 Resp: 8229
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

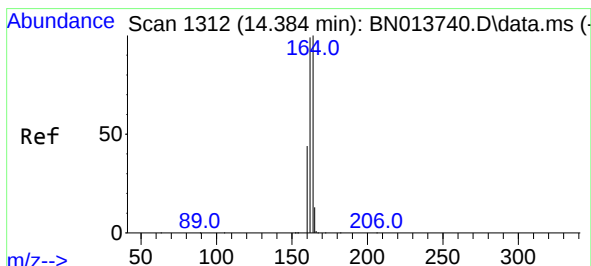
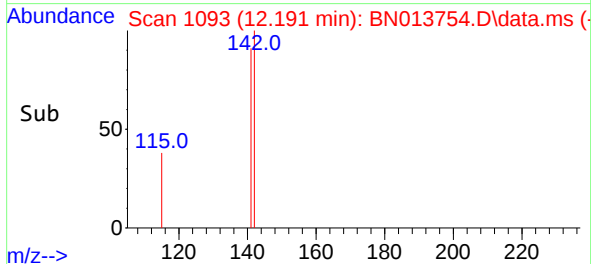
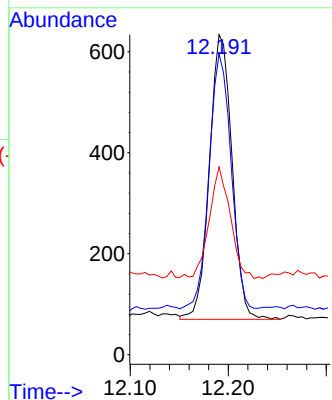
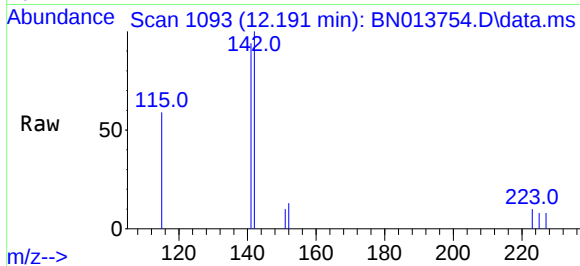




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.009 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

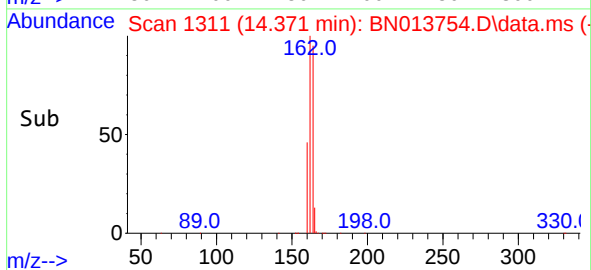
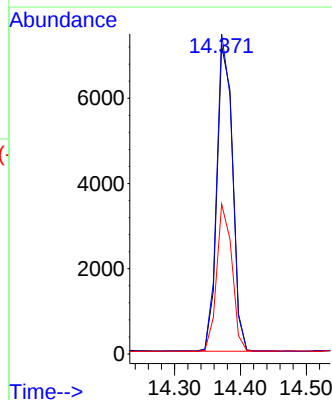
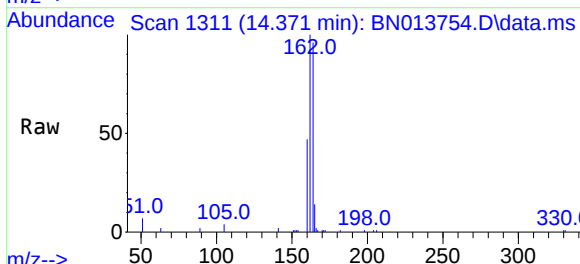
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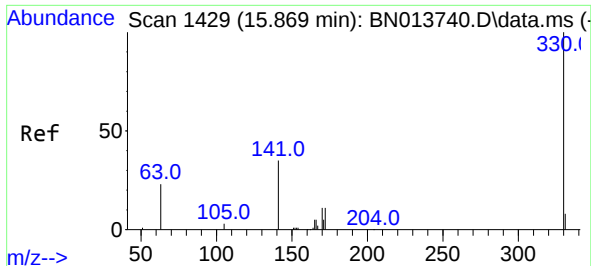
Tgt Ion:	142	Resp:	904
Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.5	105.7
115	58.7	27.4	41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.013 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:	164	Resp:	11946
Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.6	119.4
160	48.6	36.0	54.0

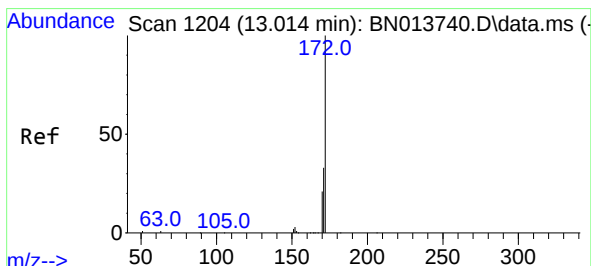
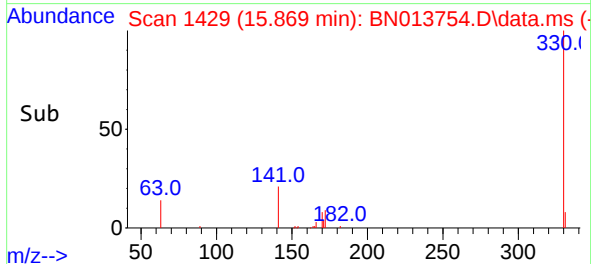
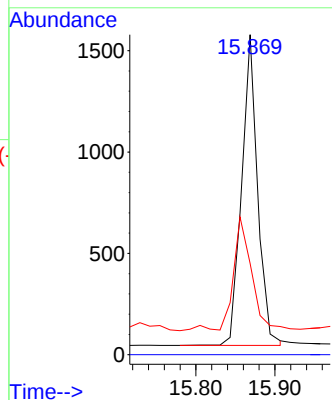
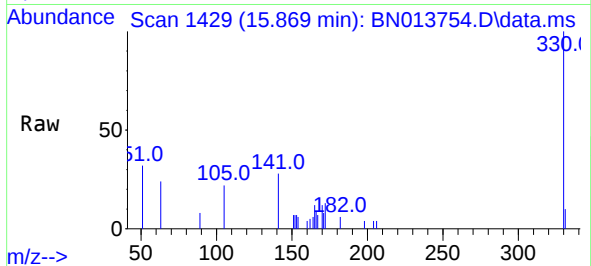




#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

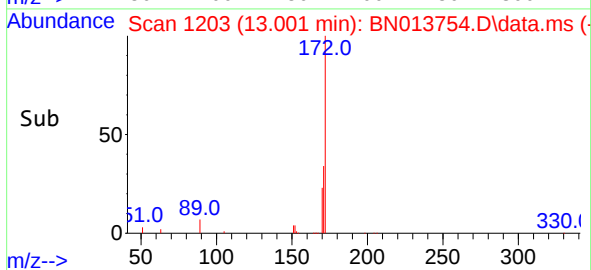
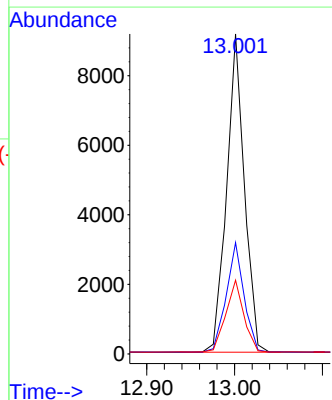
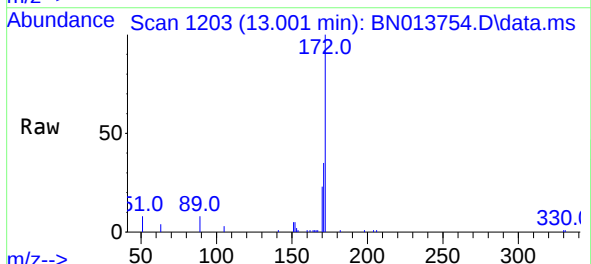
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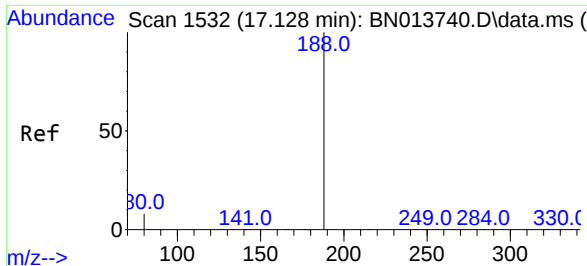
Tgt Ion:330 Resp: 2159
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.1 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.013 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:172 Resp: 12839
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.1 18.9 28.3

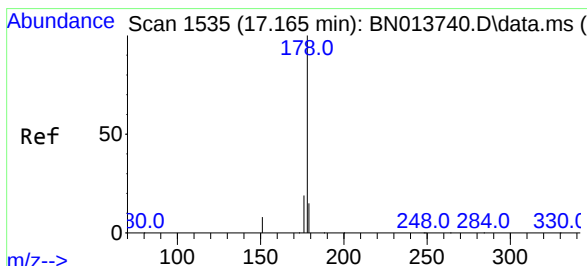
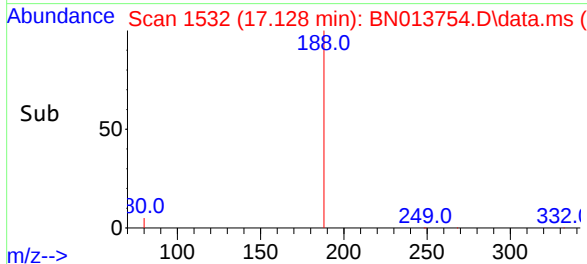
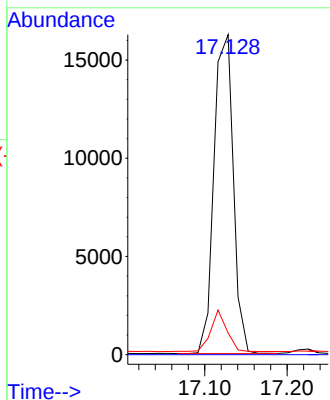
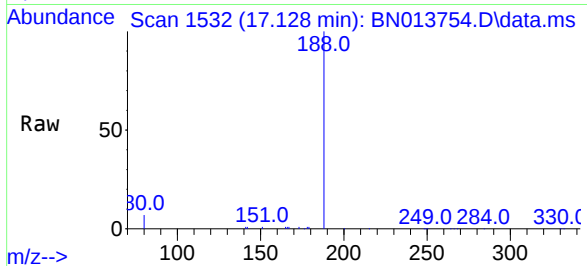




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

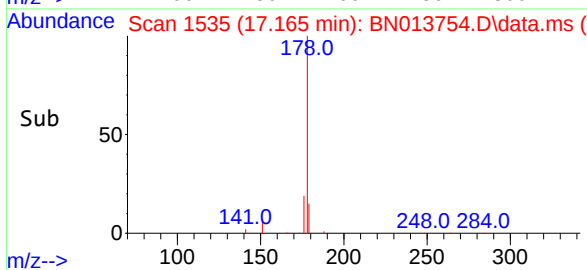
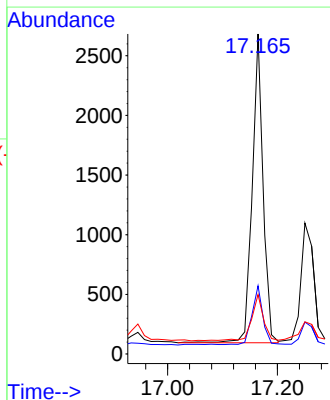
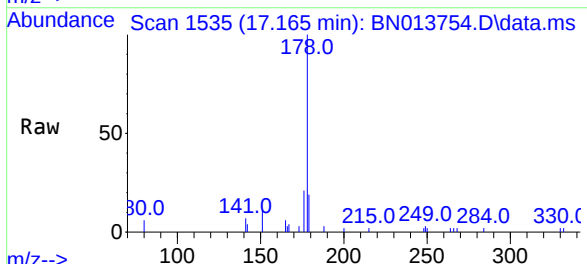
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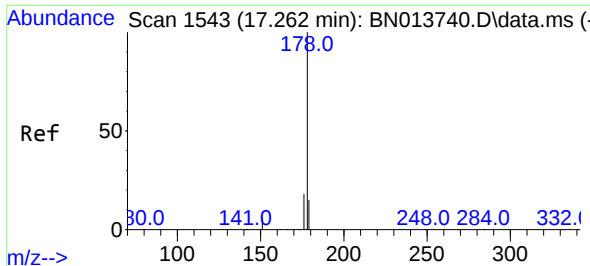
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 9.0 13.6#



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:178 Resp: 3551
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.7 12.3 18.5

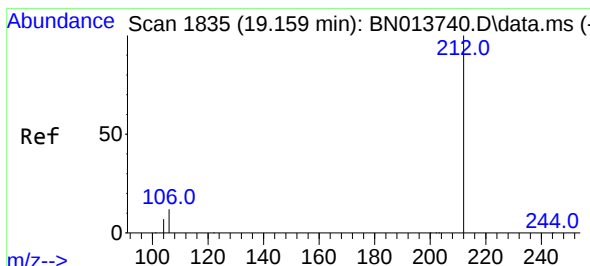
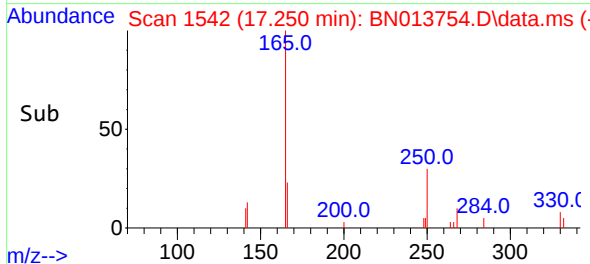
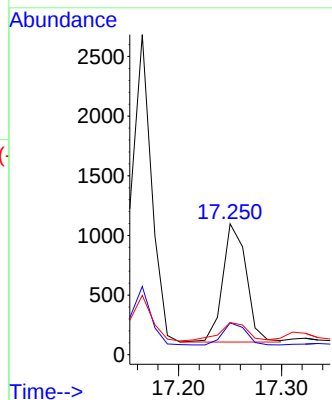
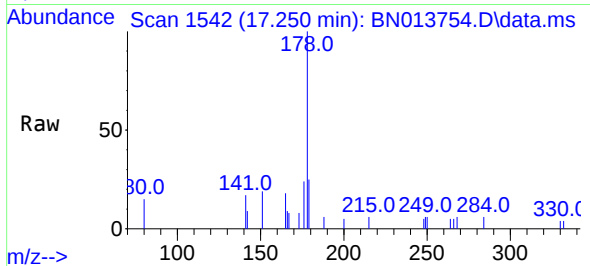




#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. -0.012 min
 Lab File: BN013754.D
 Acq: 25 Feb 2021 08:19

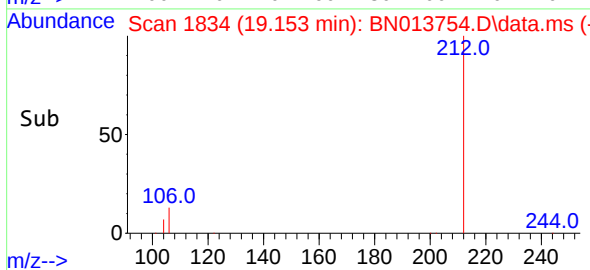
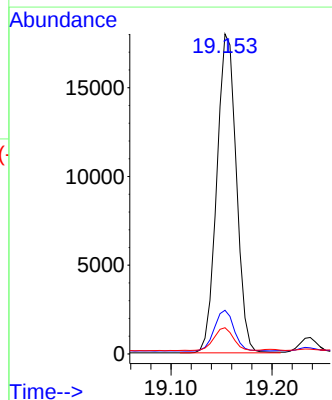
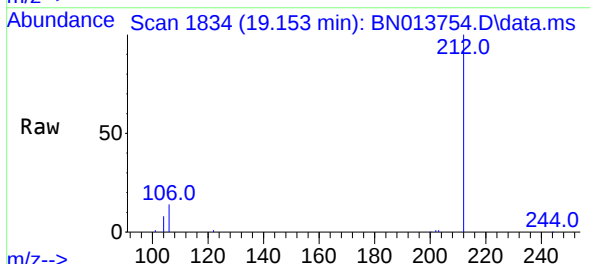
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

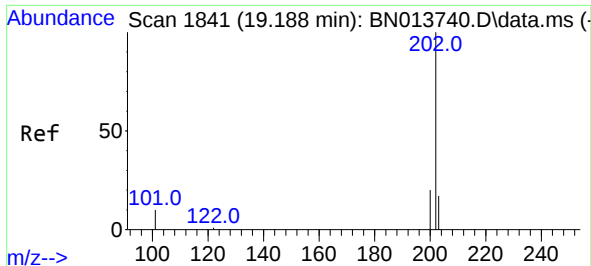
Tgt Ion:178 Resp: 1579
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 21.8
 179 18.6 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.31 ng
 RT: 19.153 min Scan# 1834
 Delta R.T. -0.005 min
 Lab File: BN013754.D
 Acq: 25 Feb 2021 08:19

Tgt Ion:212 Resp: 24201
 Ion Ratio Lower Upper
 212 100
 106 12.8 9.7 14.5
 104 7.3 5.5 8.3

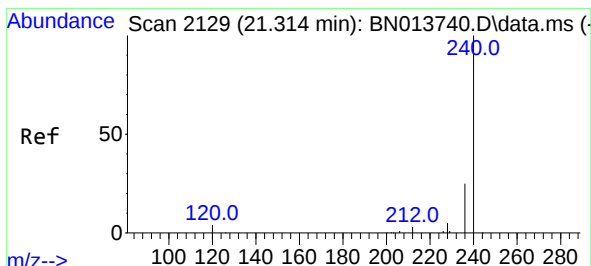
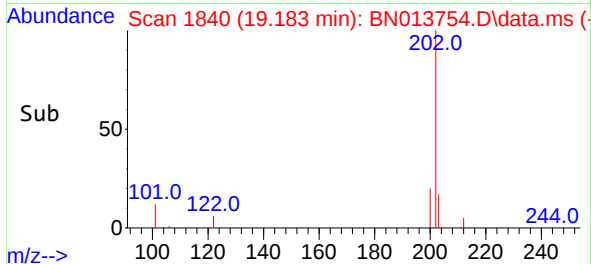
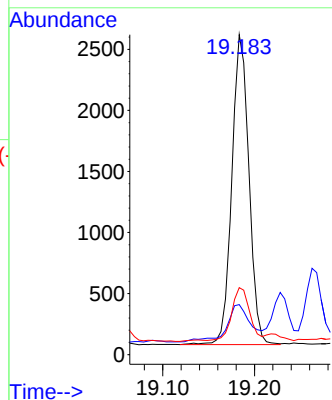
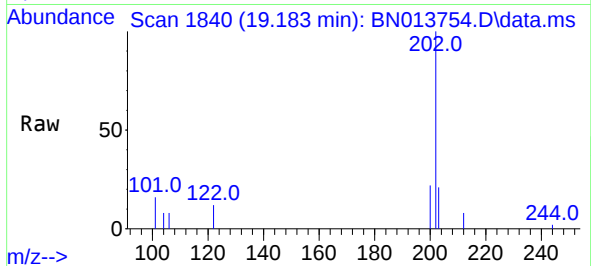




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

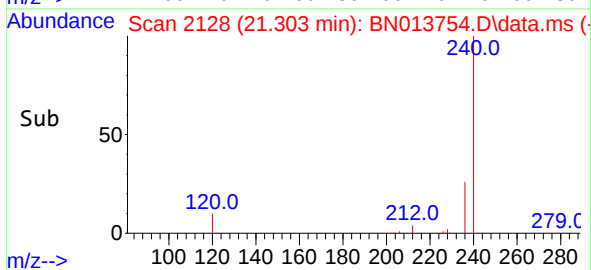
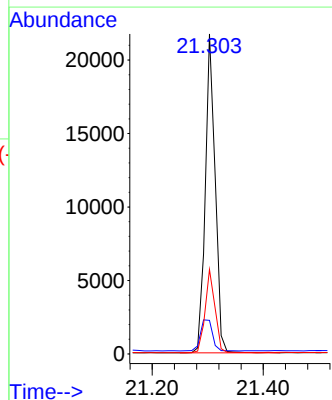
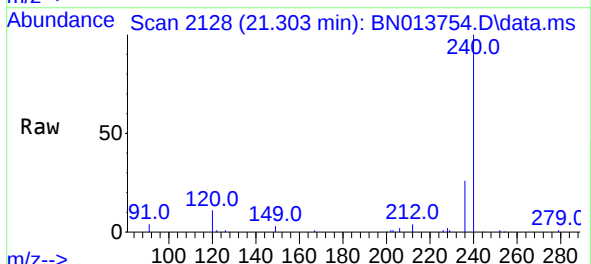
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

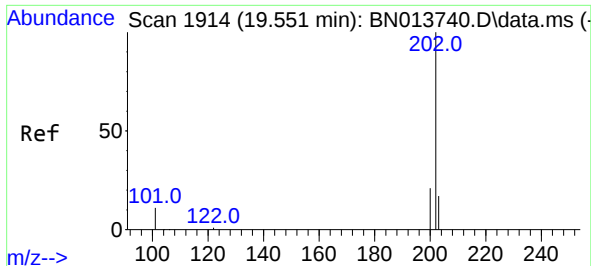
Tgt Ion:202 Resp: 3294
Ion Ratio Lower Upper
202 100
101 16.6 8.1 12.1#
203 17.5 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:240 Resp: 26907
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.4 21.3 31.9

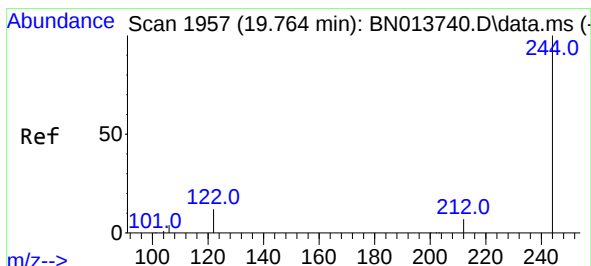
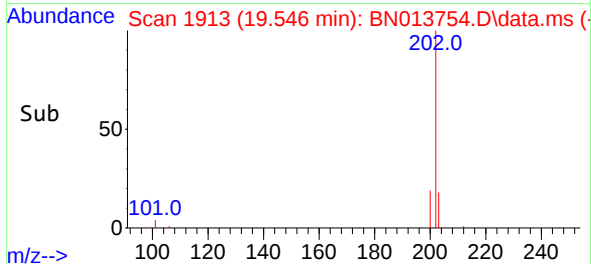
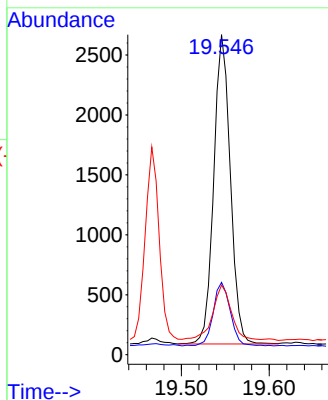
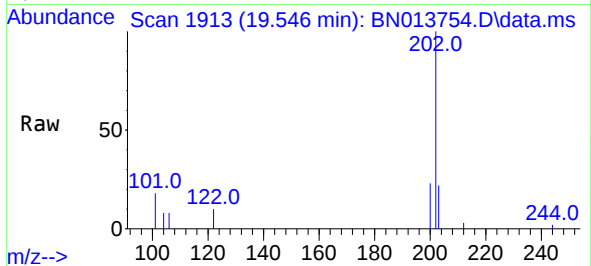




#30
Pyrene
Concen: 0.04 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

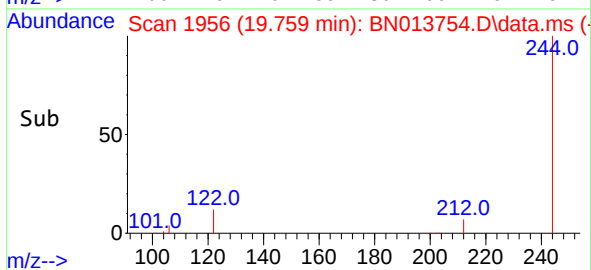
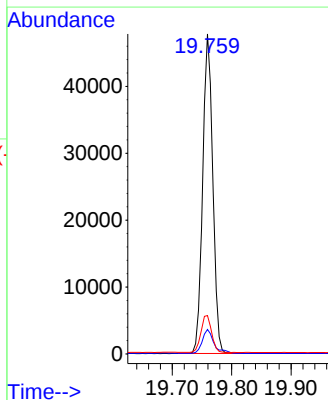
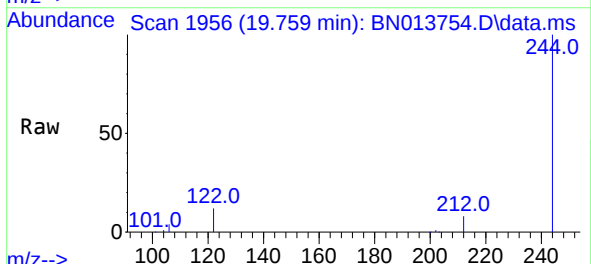
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

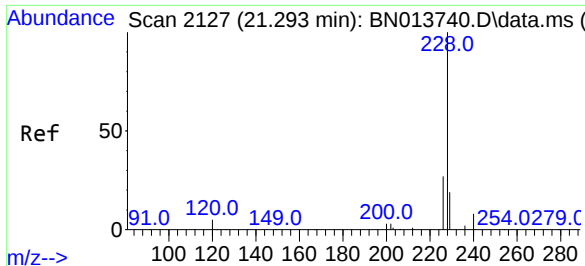
Tgt Ion:	202	Resp:	3388
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	19.2	14.0	21.0



#31
Terphenyl-d14
Concen: 0.95 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:	244	Resp:	56399
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.0	9.8	14.8

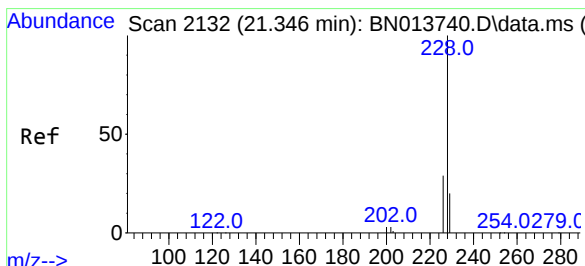
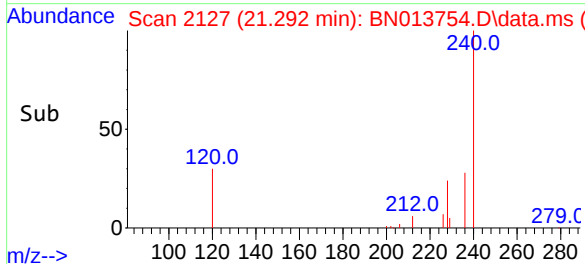
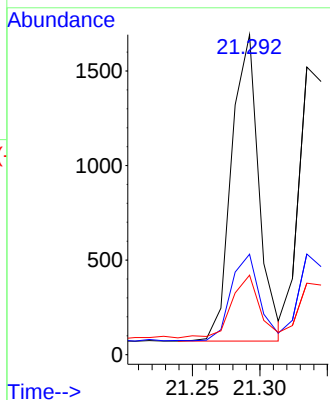
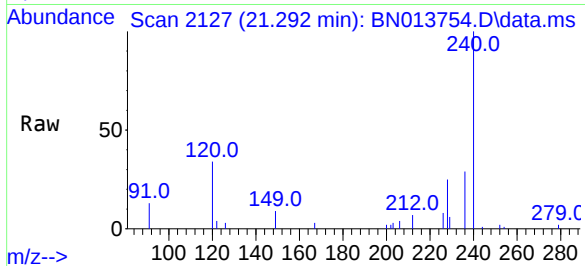




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

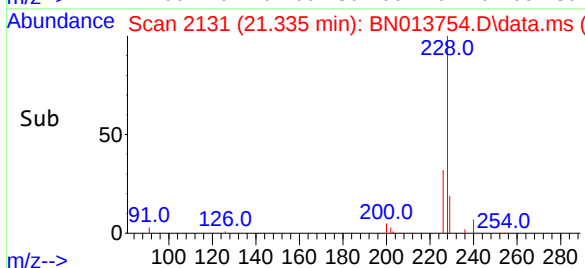
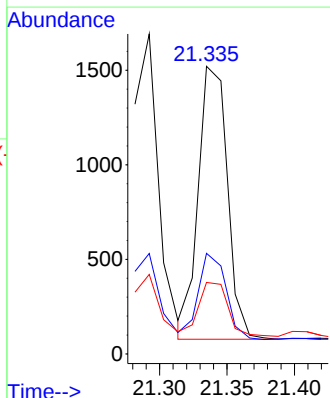
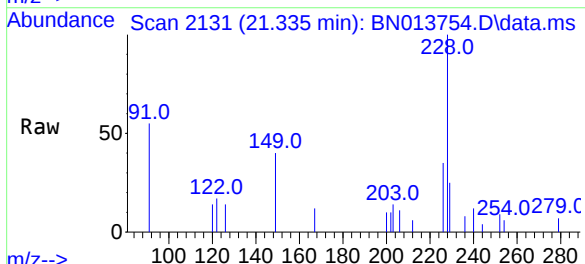
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

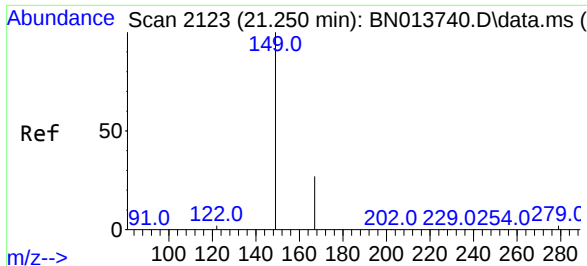
Tgt Ion:228 Resp: 2277
Ion Ratio Lower Upper
228 100
226 31.4 20.5 30.7#
229 24.8 16.2 24.4#



#33
Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:228 Resp: 2166
Ion Ratio Lower Upper
228 100
226 35.0 24.3 36.5
229 24.9 15.1 22.7#

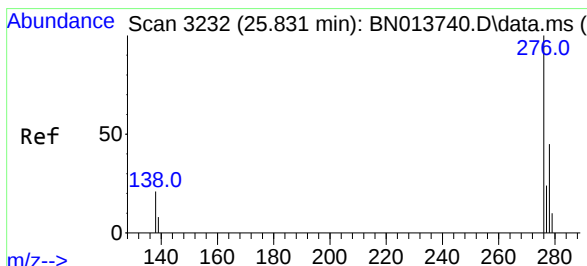
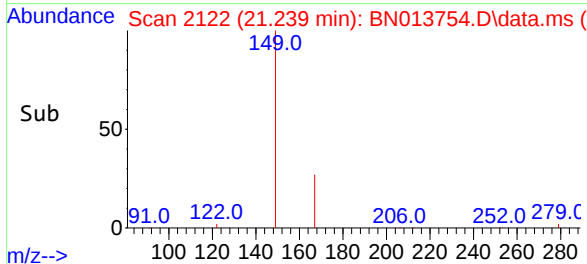
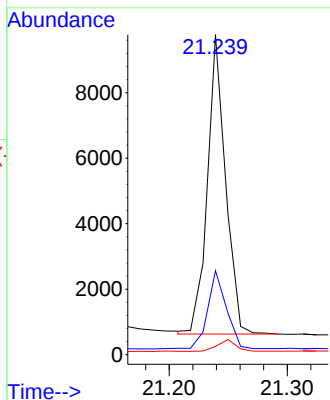
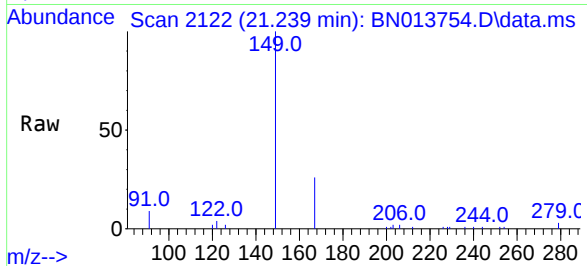




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

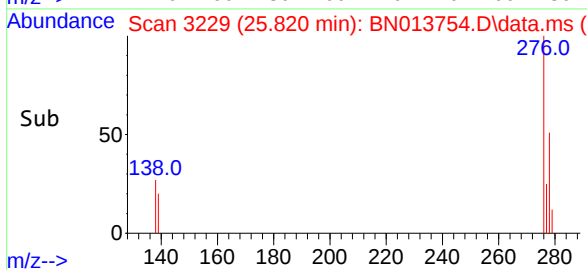
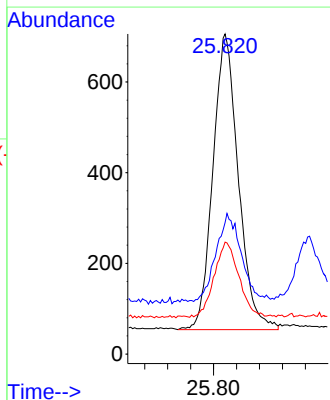
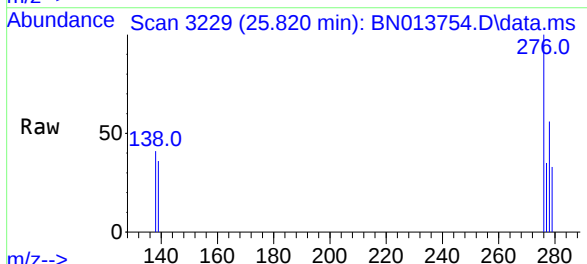
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

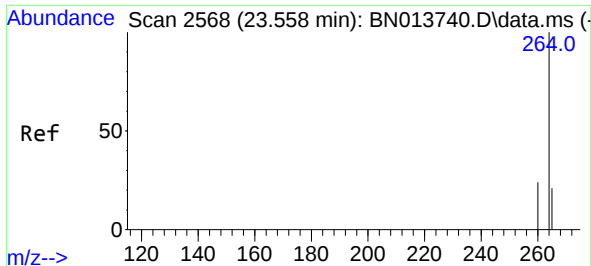
Tgt Ion:149 Resp: 9750
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 4.0 3.5 5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.820 min Scan# 3229
Delta R.T. -0.010 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:276 Resp: 2003
Ion Ratio Lower Upper
276 100
138 29.6 19.8 29.6
277 24.7 19.9 29.9



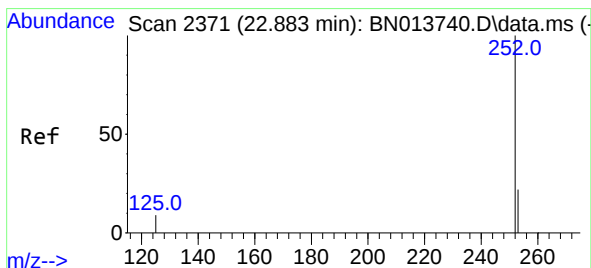
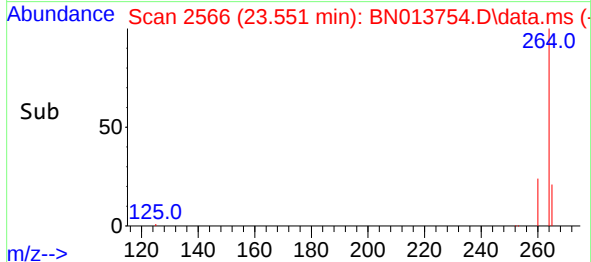
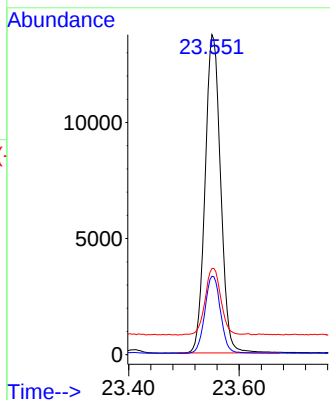
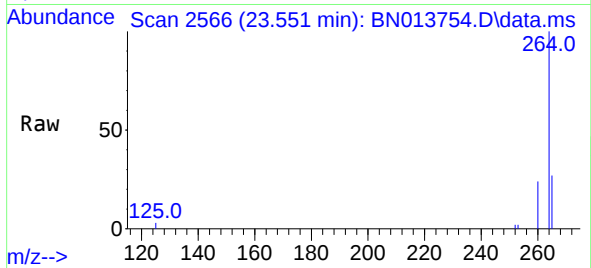


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.007 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion:264 Resp: 26681

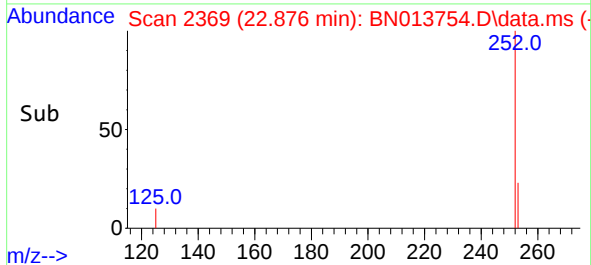
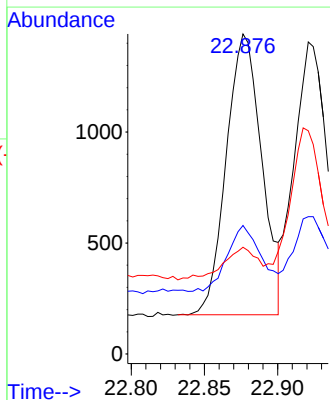
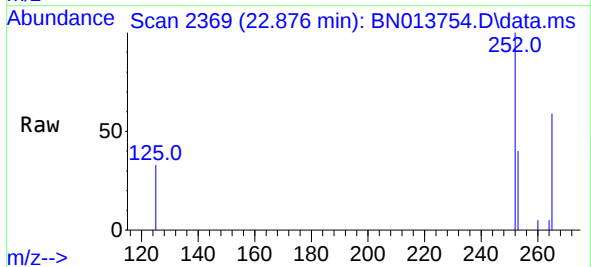
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	27.0	66.2	99.4#

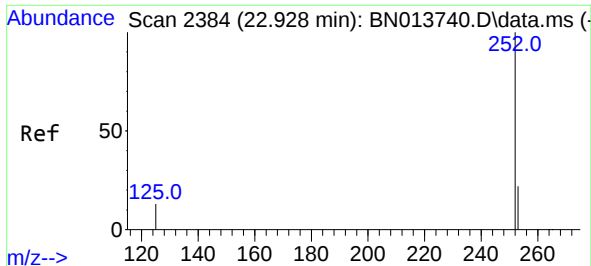


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.876 min Scan# 2369
Delta R.T. -0.007 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:252 Resp: 2138

Ion	Ratio	Lower	Upper
252	100		
253	40.2	20.4	30.6#
125	33.4	11.6	17.4#

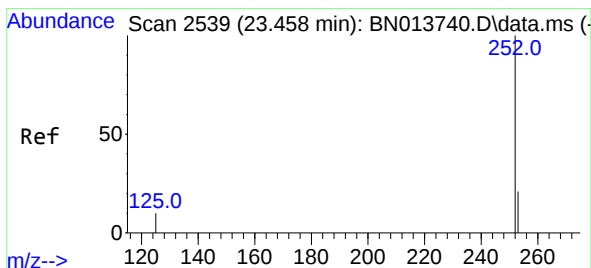
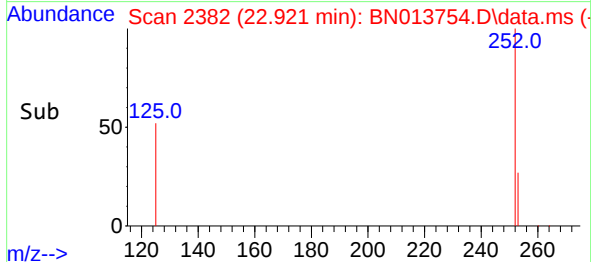
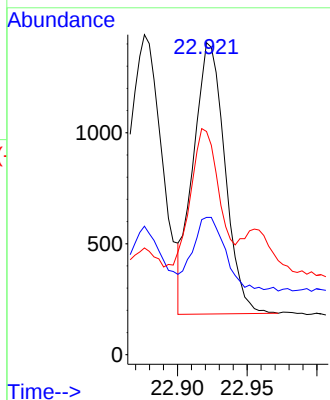
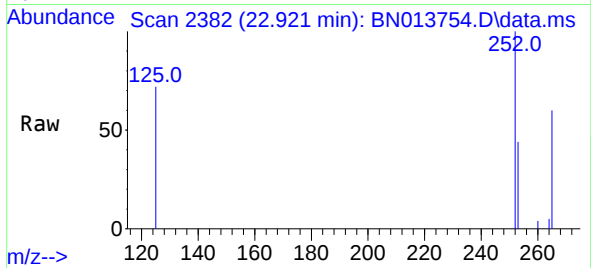




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

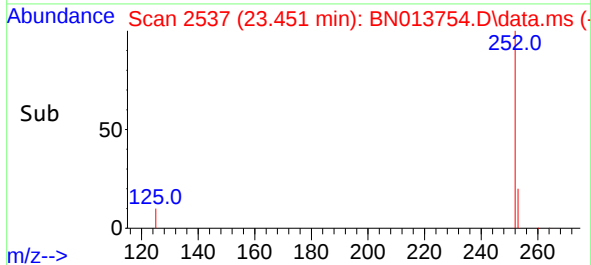
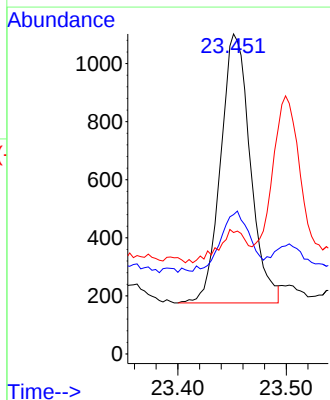
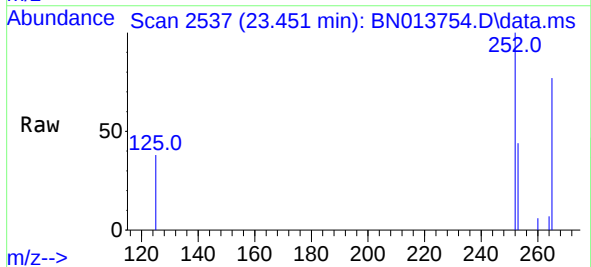
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

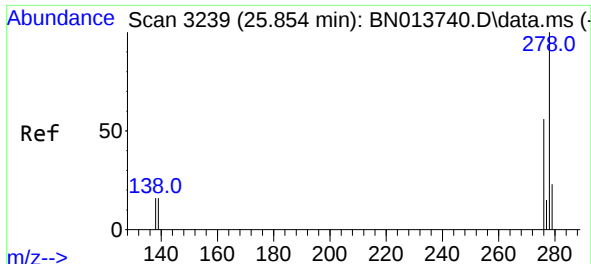
Tgt Ion:252 Resp: 1935
Ion Ratio Lower Upper
252 100
253 44.0 20.5 30.7#
125 71.6 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.007 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:252 Resp: 1754
Ion Ratio Lower Upper
252 100
253 43.6 21.8 32.6#
125 37.9 14.6 21.8#

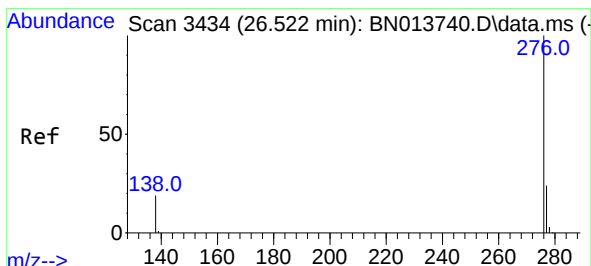
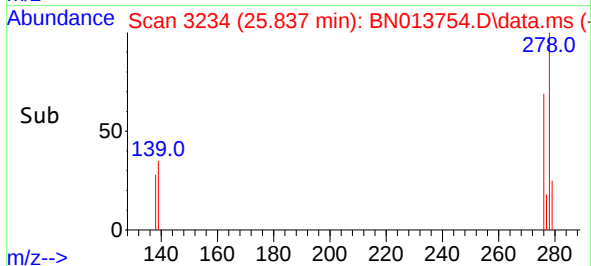
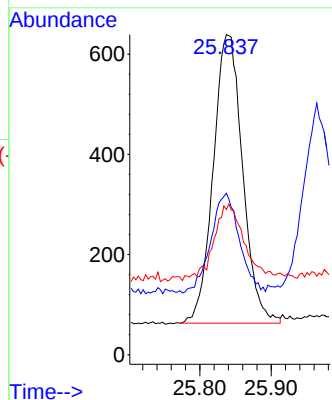
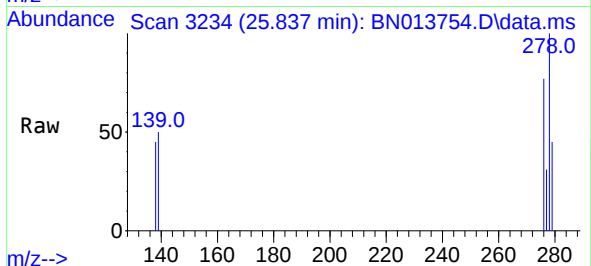




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.837 min Scan# 3234
Delta R.T. -0.017 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion:278 Resp: 1645
Ion Ratio Lower Upper
278 100
139 50.4 13.1 19.7#
279 45.4 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.511 min Scan# 3431
Delta R.T. -0.010 min
Lab File: BN013754.D
Acq: 25 Feb 2021 08:19

Tgt Ion:276 Resp: 1688
Ion Ratio Lower Upper
276 100
277 32.7 20.0 30.0#
138 36.6 17.8 26.8#

