

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)

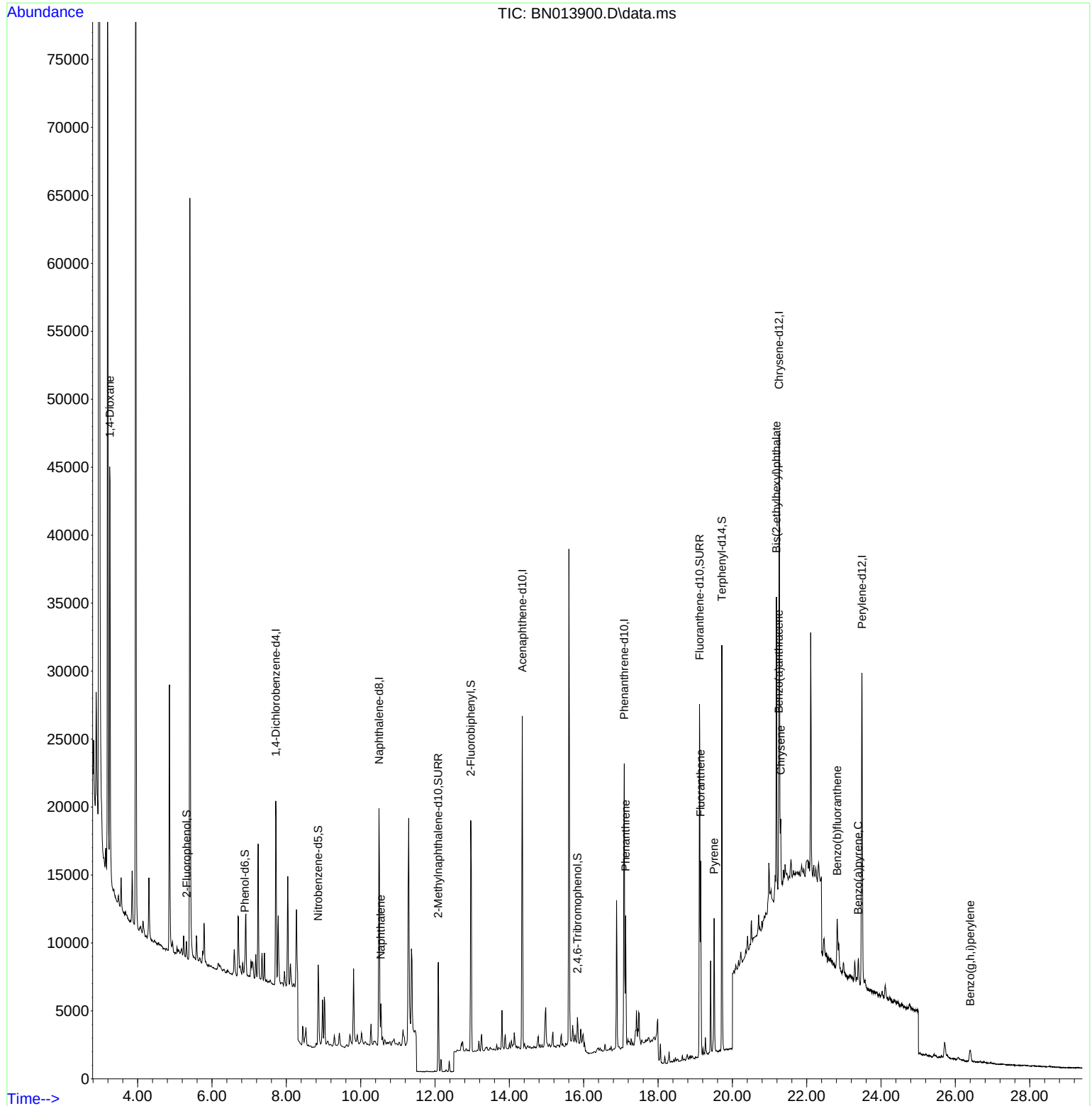
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5903	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	23257	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	13078	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28762	0.40	ng	# 0.00
29) Chrysene-d12	21.258	240	31685	0.40	ng	-0.01
36) Perylene-d12	23.487	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
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
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

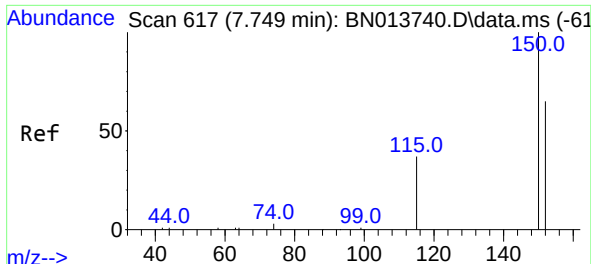
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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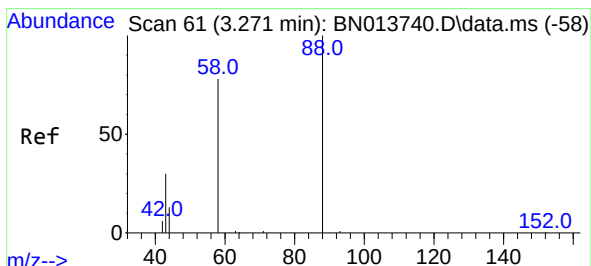
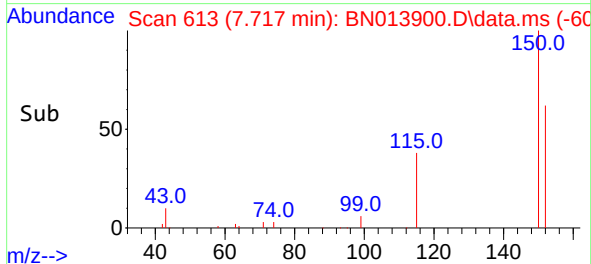
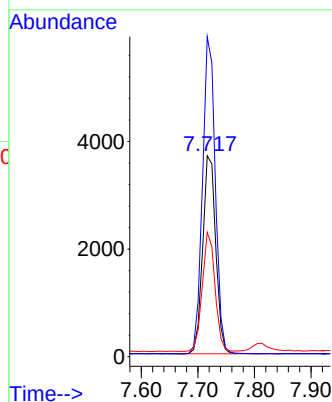
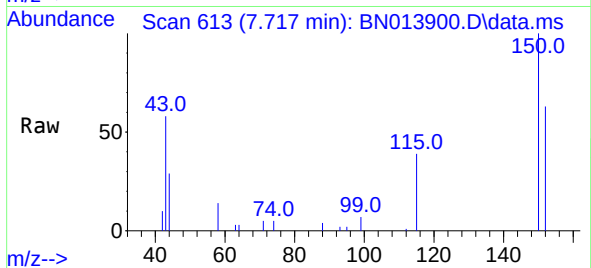




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.717 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

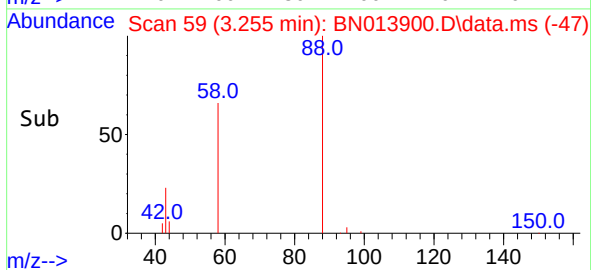
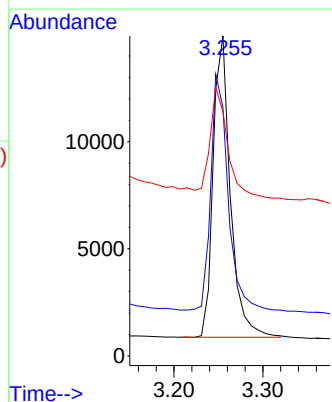
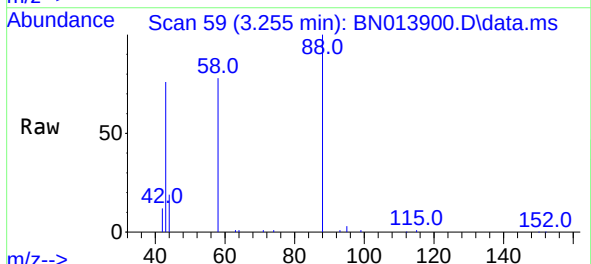
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

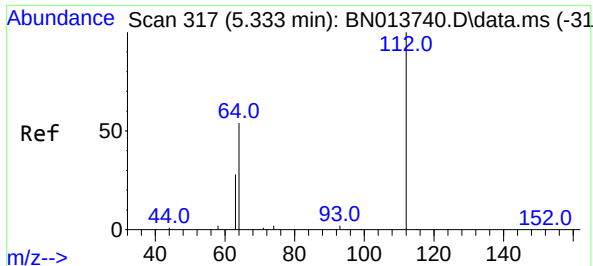
Tgt Ion:152 Resp: 5903
Ion Ratio Lower Upper
152 100
150 159.3 121.8 182.8
115 62.0 46.6 69.8



#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



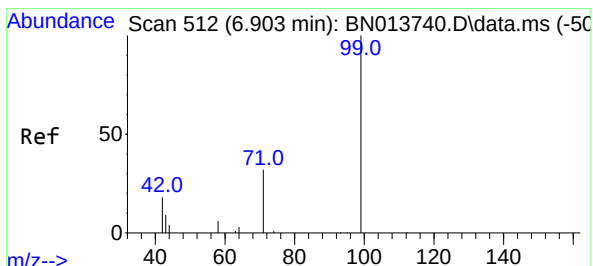
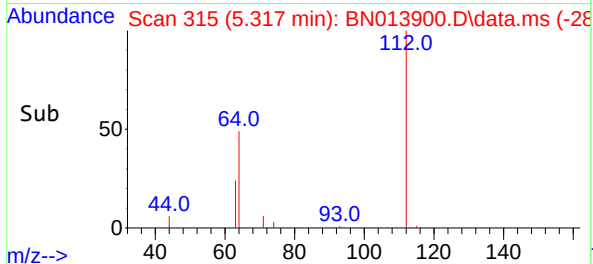
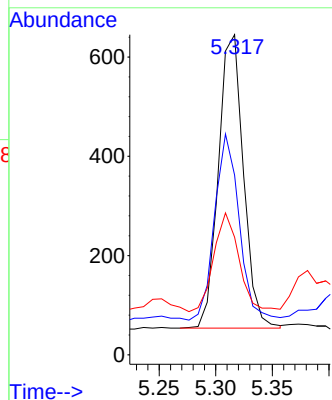
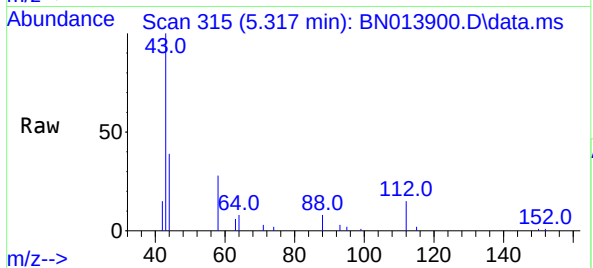


#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

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

Tgt Ion: 112 Resp: 910

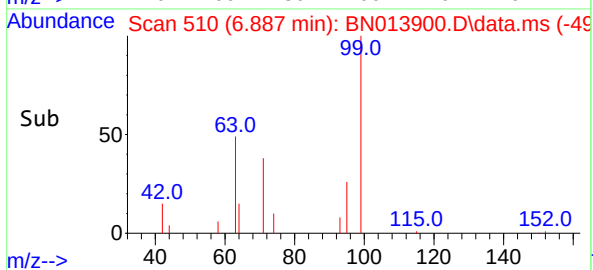
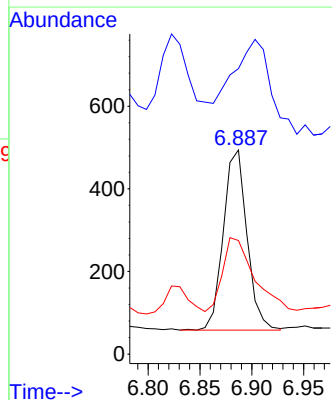
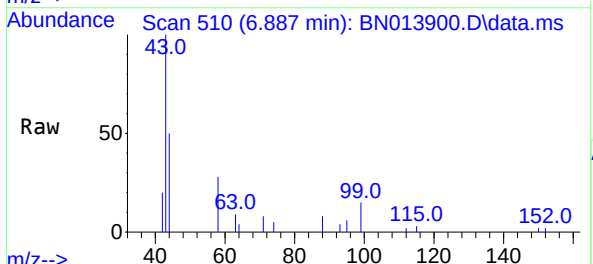
Ion	Ratio	Lower	Upper
112	100		
64	62.0	44.3	66.5
63	33.4	23.0	34.6

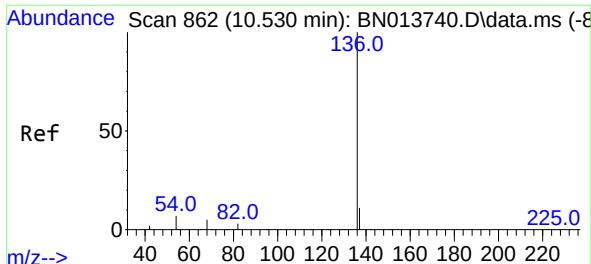


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

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#

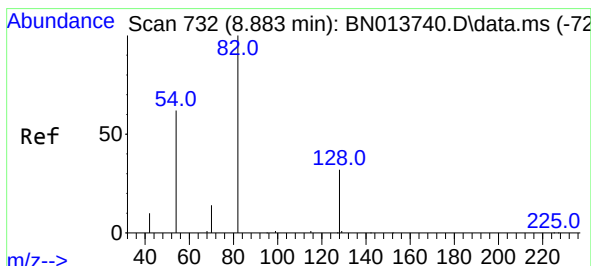
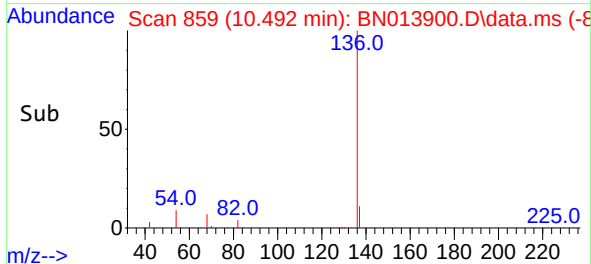
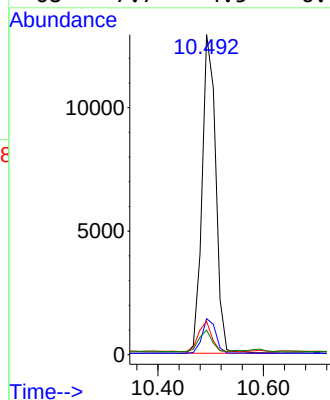
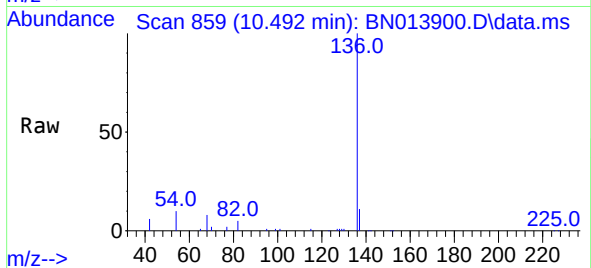




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.012 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

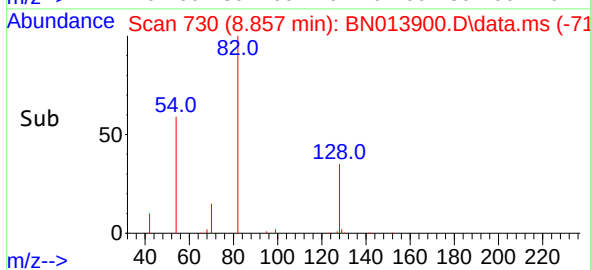
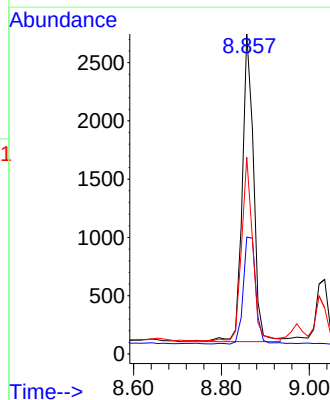
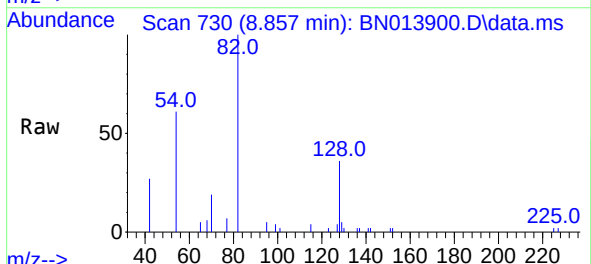
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

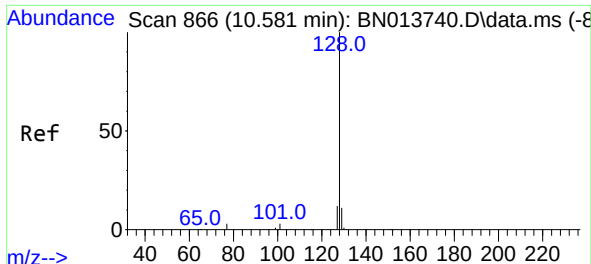
Tgt Ion:	136	Resp:	23257
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	10.4	6.4	9.6#
68	7.7	4.5	6.7#



#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

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#

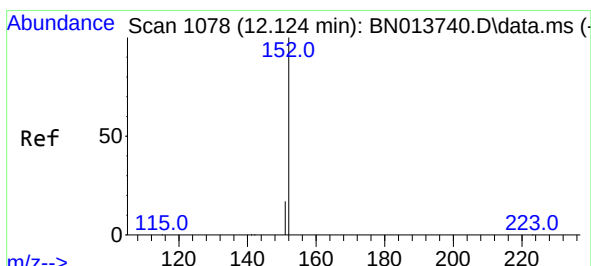
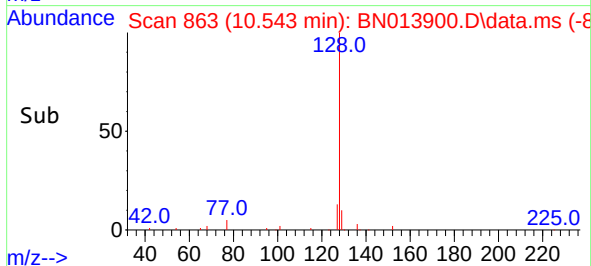
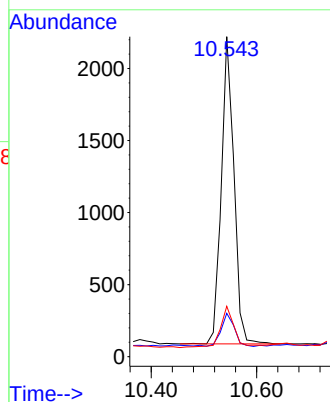
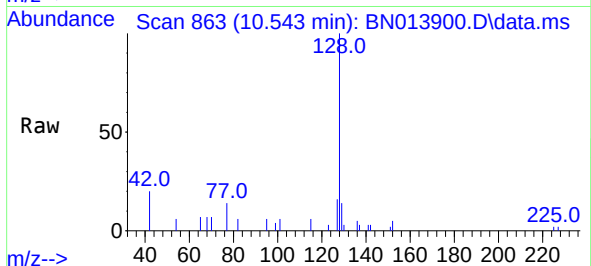




#9
Naphthalene
Concen: 0.06 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

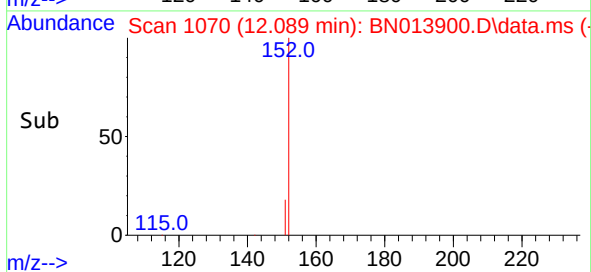
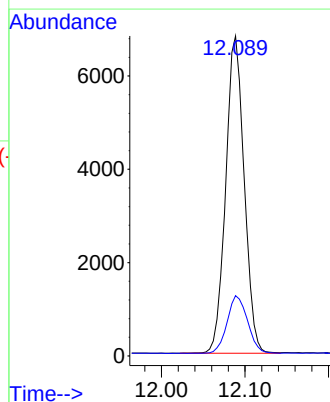
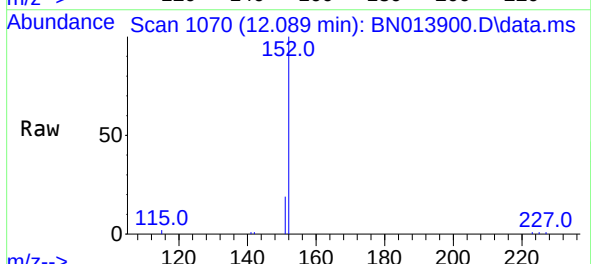
Instrument :
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ClientSampleId :
GWBR1-175-200-030921

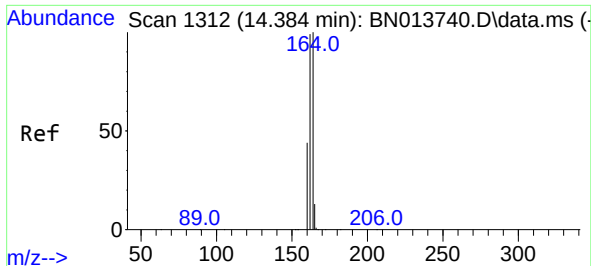
Tgt Ion:128 Resp: 3561
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.4#
127 15.8 10.4 15.6#



#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

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

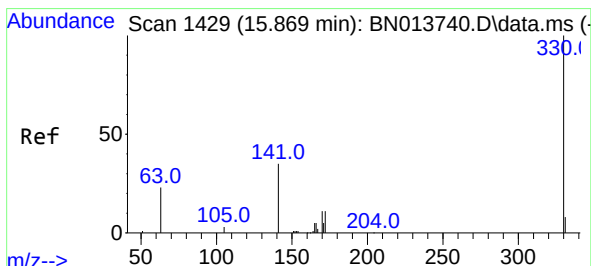
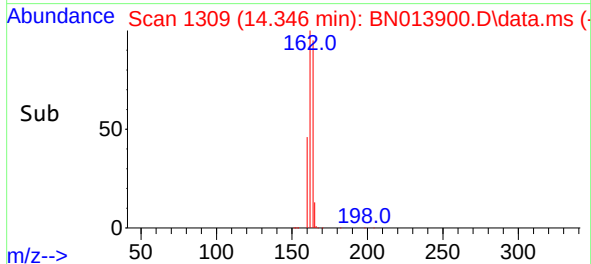
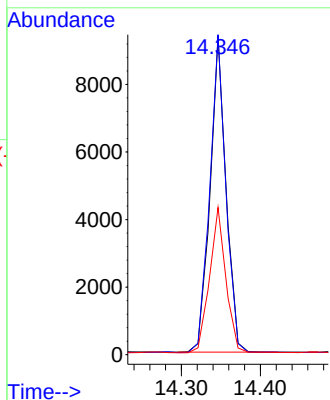
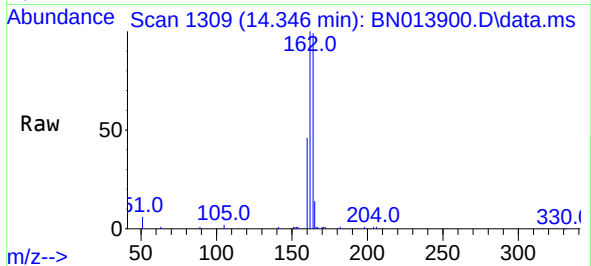




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

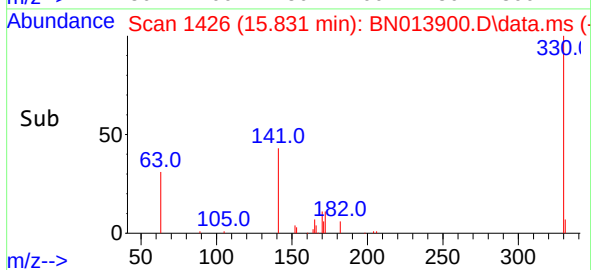
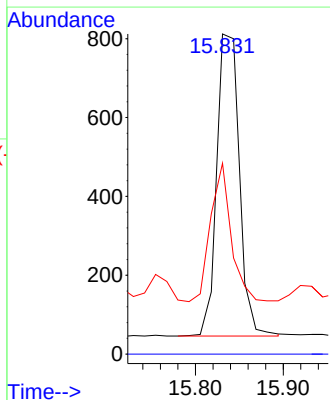
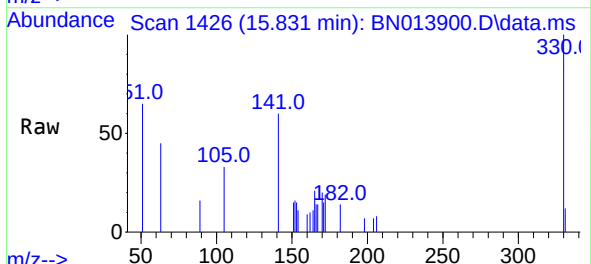
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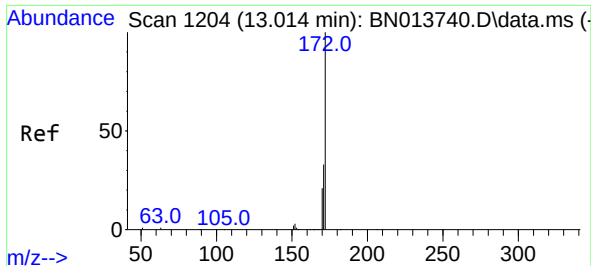
Tgt Ion:164 Resp: 13078
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 46.3 36.0 54.0



#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

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#

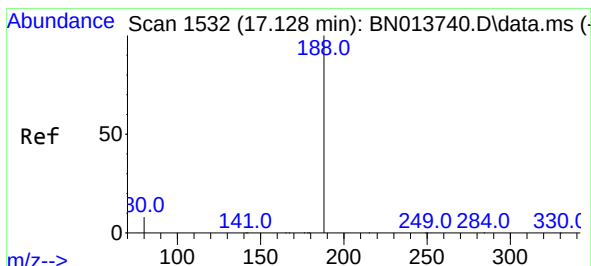
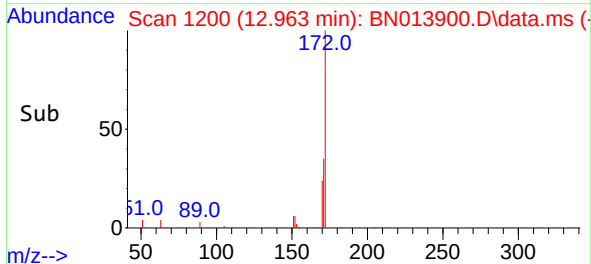
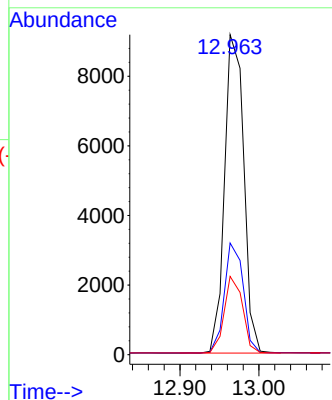
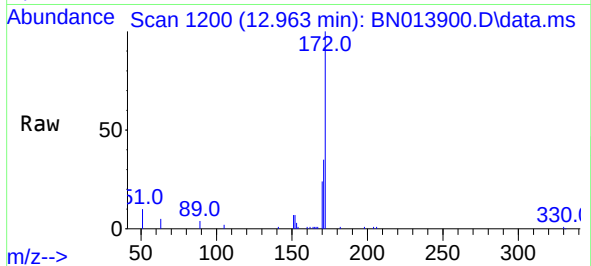




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

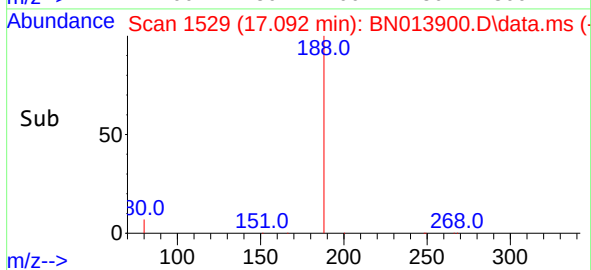
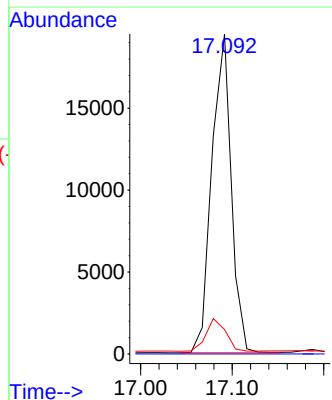
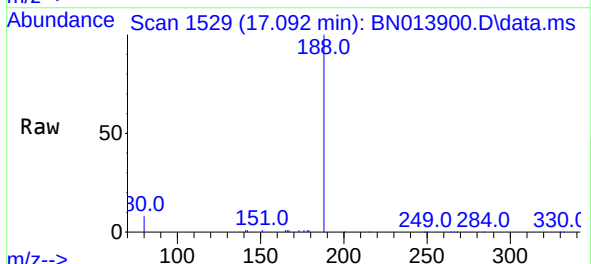
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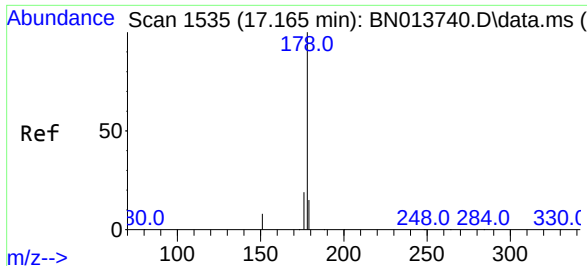
Tgt Ion:	172	Resp:	15475
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	24.4	18.9	28.3



#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

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#

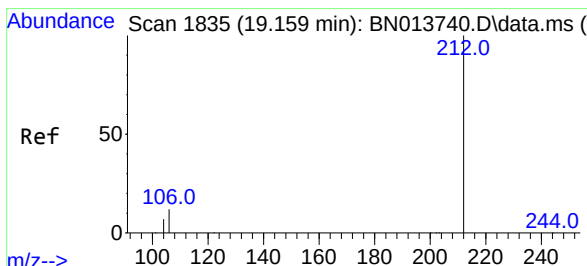
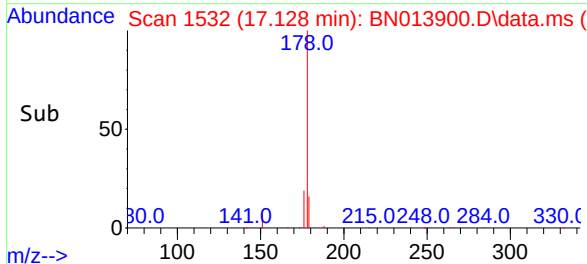
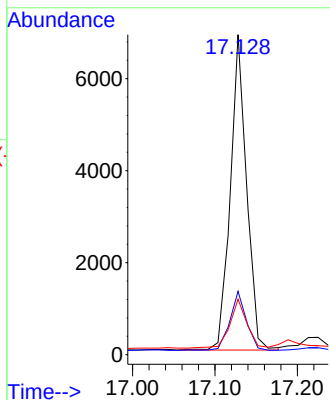
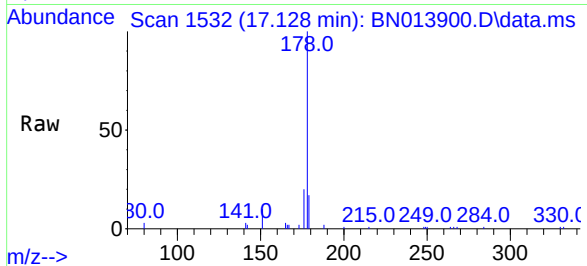




#25
Phenanthrene
Concen: 0.13 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

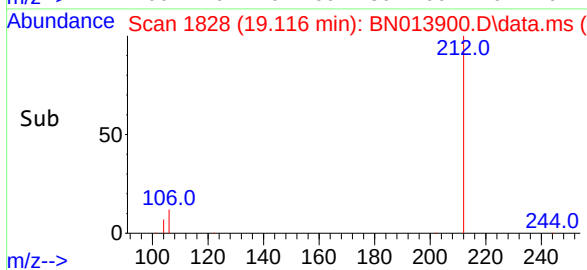
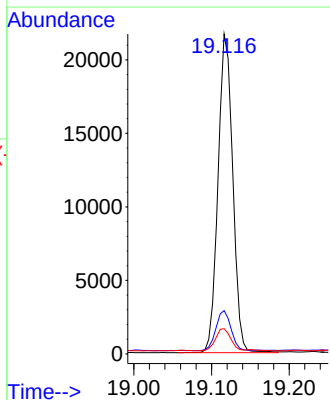
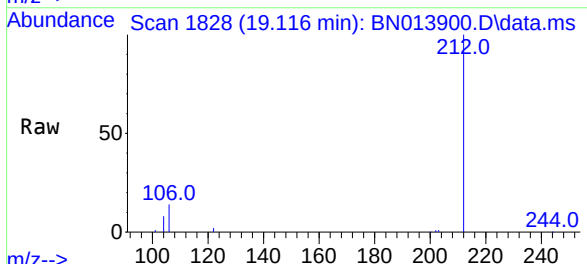
Instrument :
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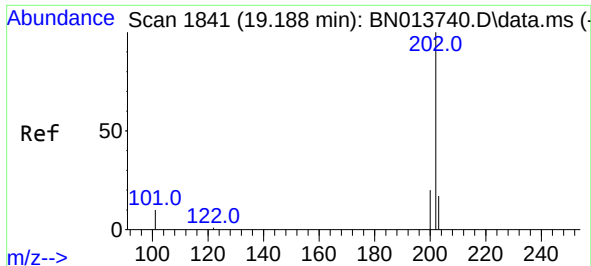
Tgt Ion:178	Resp:	9444
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.4
179	16.2	12.3 18.5



#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

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

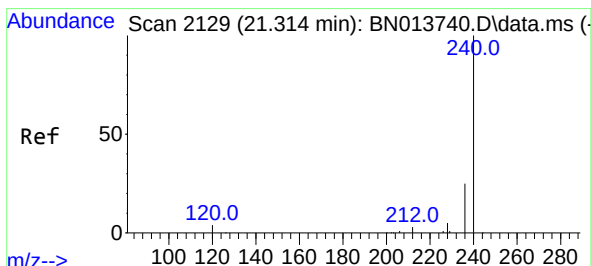
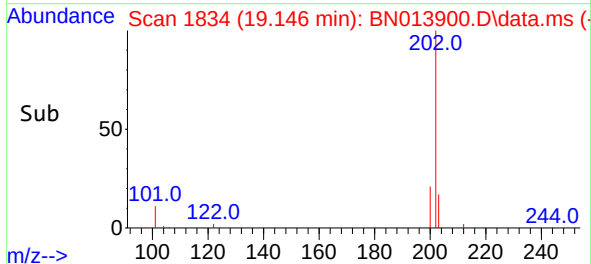
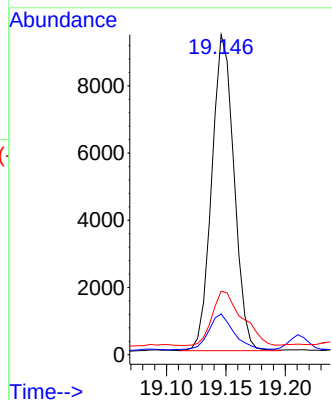
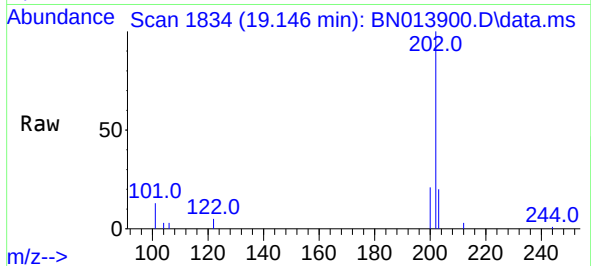




#28
Fluoranthene
Concen: 0.14 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

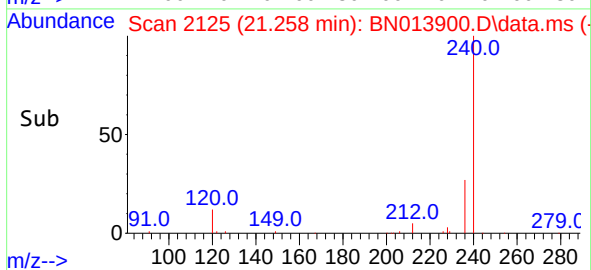
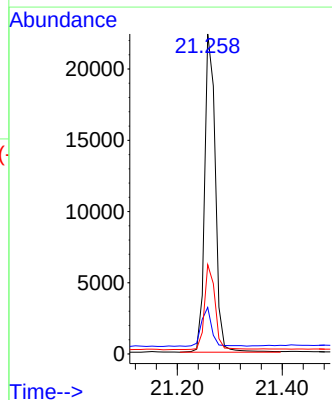
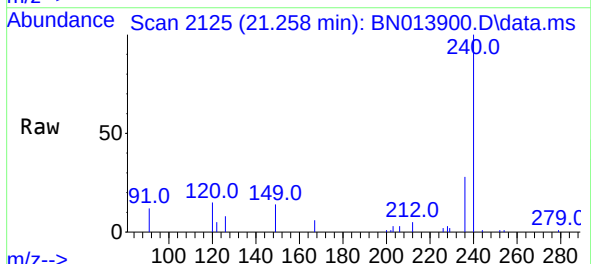
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

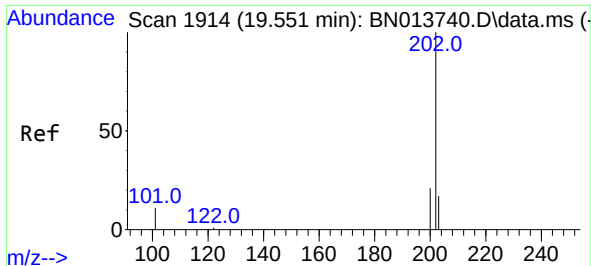
Tgt Ion:	202	Resp:	12229
Ion Ratio	Lower	Upper	
202	100		
101	13.1	8.1	12.1#
203	23.2	13.9	20.9#



#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

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

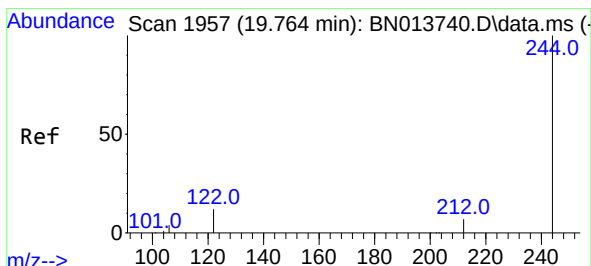
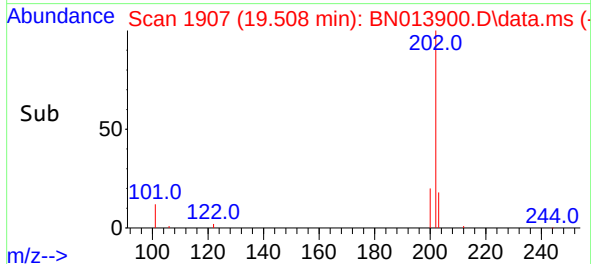
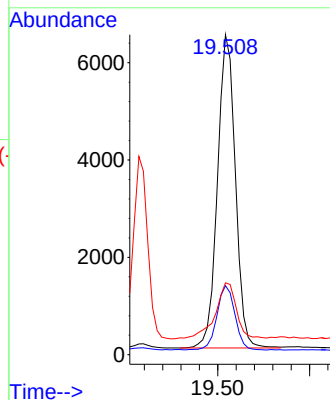
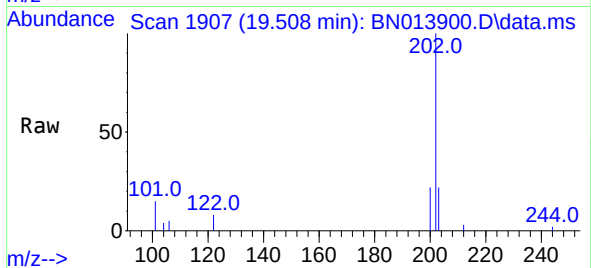
Tgt Ion:	202	Resp:	8715
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.3	24.5
203	21.1	14.0	21.0#

Instrument :

BNA_N

ClientSampleId :

GWBR1-175-200-030921



#31

Terphenyl-d14

Concen: 0.41 ng

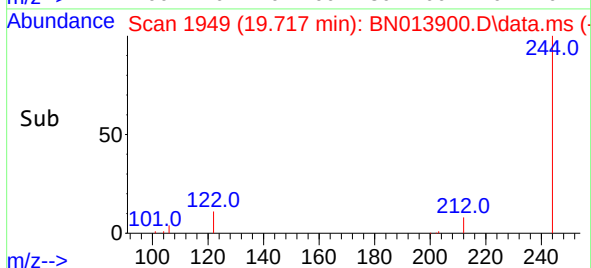
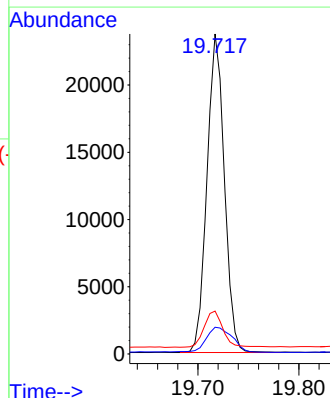
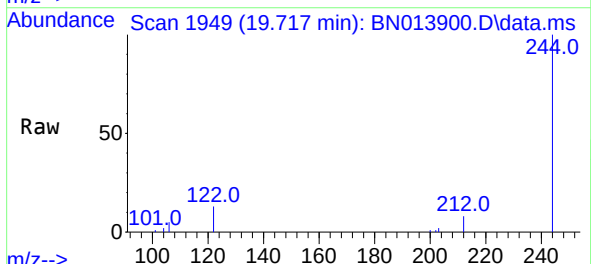
RT: 19.717 min Scan# 1949

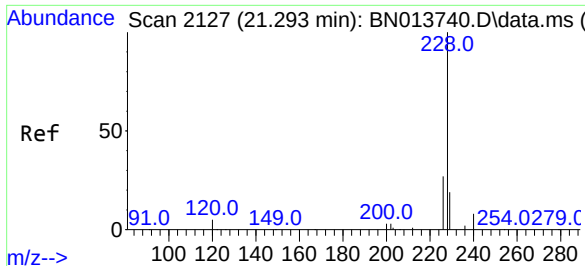
Delta R.T. -0.005 min

Lab File: BN013900.D

Acq: 10 Mar 2021 10:57

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

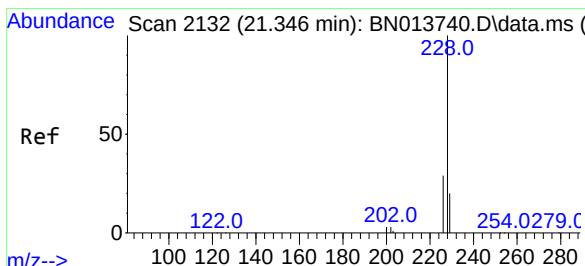
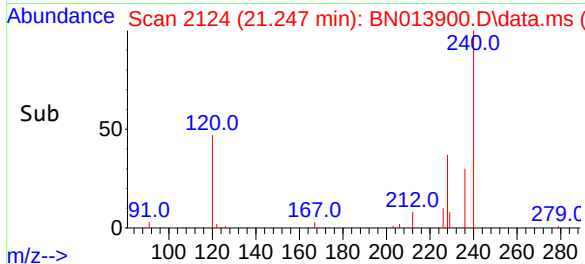
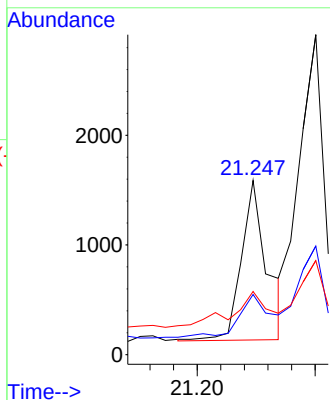
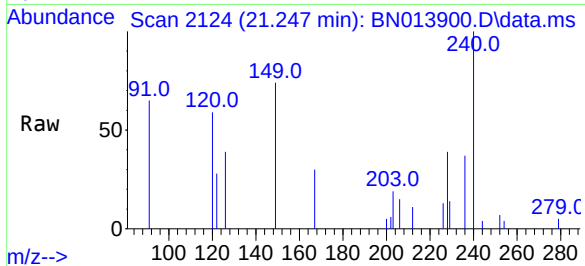




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.247 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013900.D
Acq: 10 Mar 2021 10:57

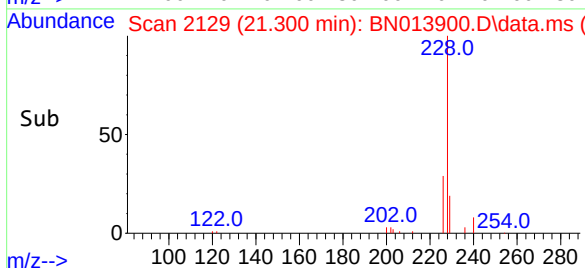
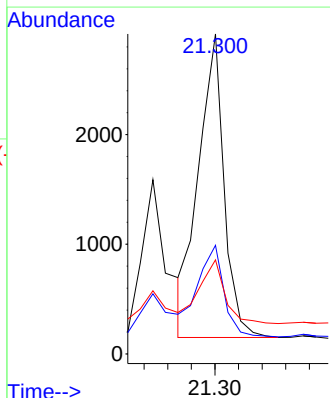
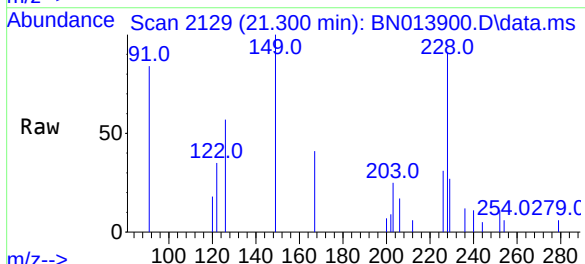
Instrument :
BNA_N
ClientSampleId :
GWBR1-175-200-030921

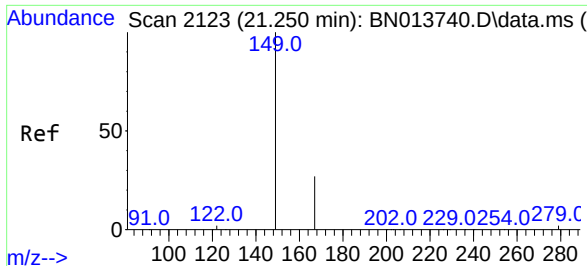
Tgt Ion:228 Resp: 2199
Ion Ratio Lower Upper
228 100
226 34.5 20.5 30.7#
229 36.2 16.2 24.4#



#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

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#



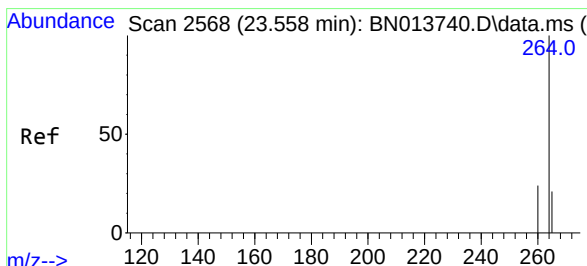
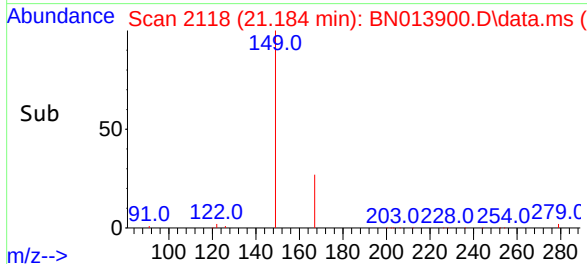
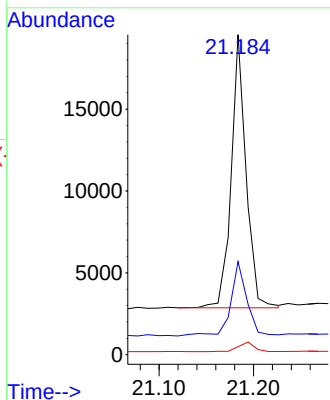
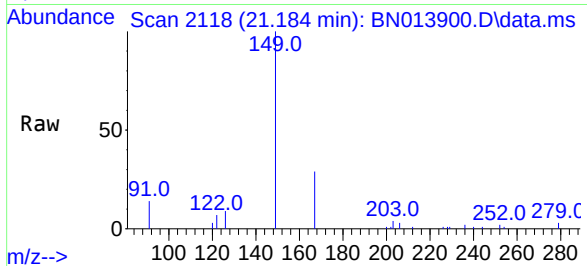


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.184 min Scan# 2118
 Delta R.T. -0.010 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

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

Tgt Ion:149 Resp: 18239

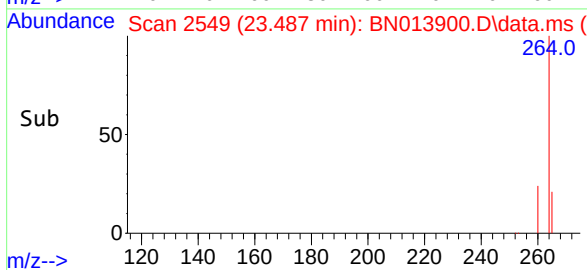
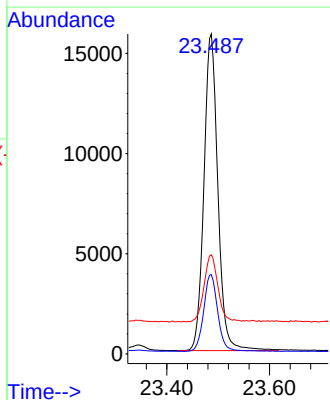
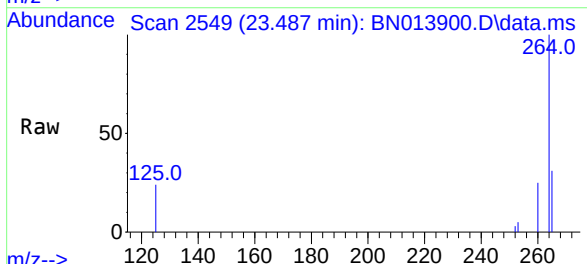
Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.1	33.1
279	3.9	3.5	5.3

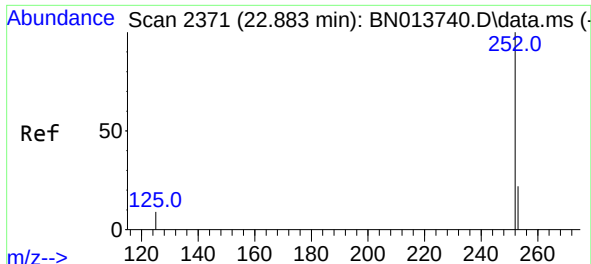


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.487 min Scan# 2549
 Delta R.T. -0.007 min
 Lab File: BN013900.D
 Acq: 10 Mar 2021 10:57

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

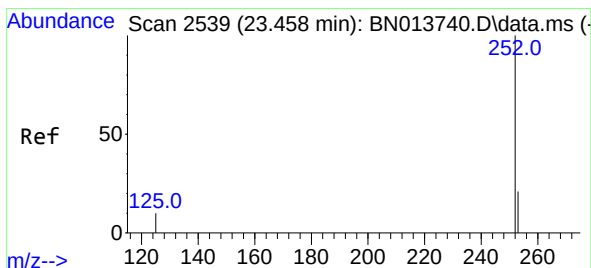
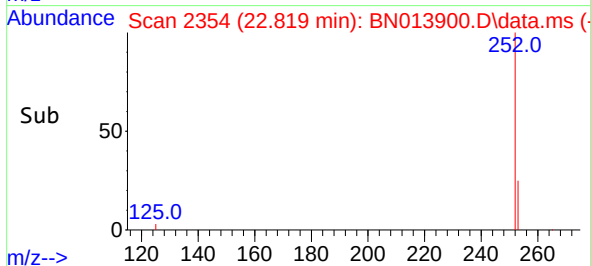
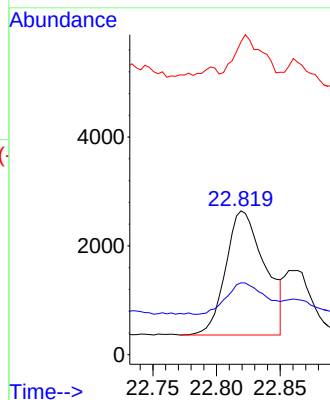
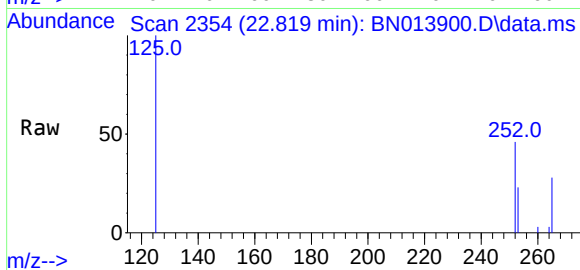
Tgt Ion:252 Resp: 4878

Ion Ratio Lower Upper

252 100

253 49.9 20.4 30.6#

125 217.3 11.6 17.4#



#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

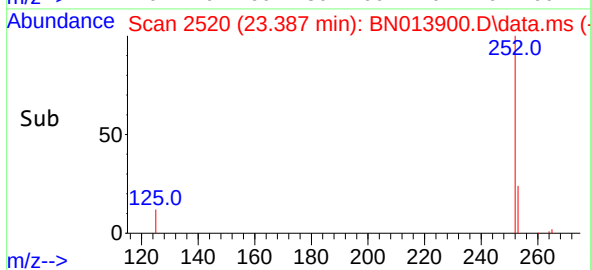
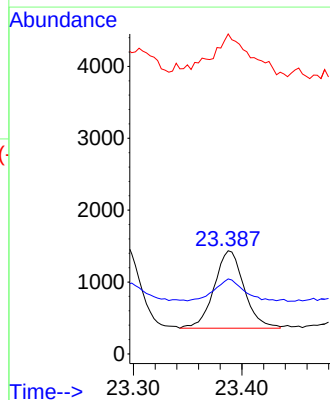
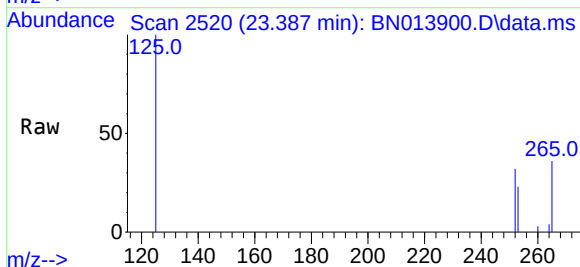
Tgt Ion:252 Resp: 2064

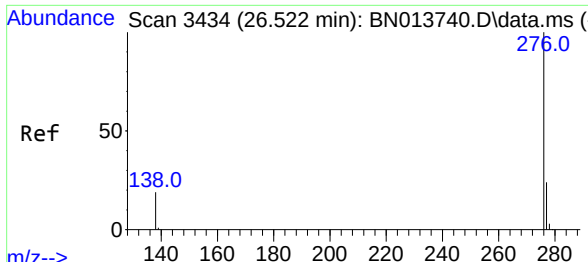
Ion Ratio Lower Upper

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#

