

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013986.D
 Acq On : 18 Mar 2021 17:31
 Operator : CG/JU
 Sample : M1714-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-224-234-031721DL

Quant Time: Mar 18 18:00:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 15:58:40 2021
 Response via : Initial Calibration

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

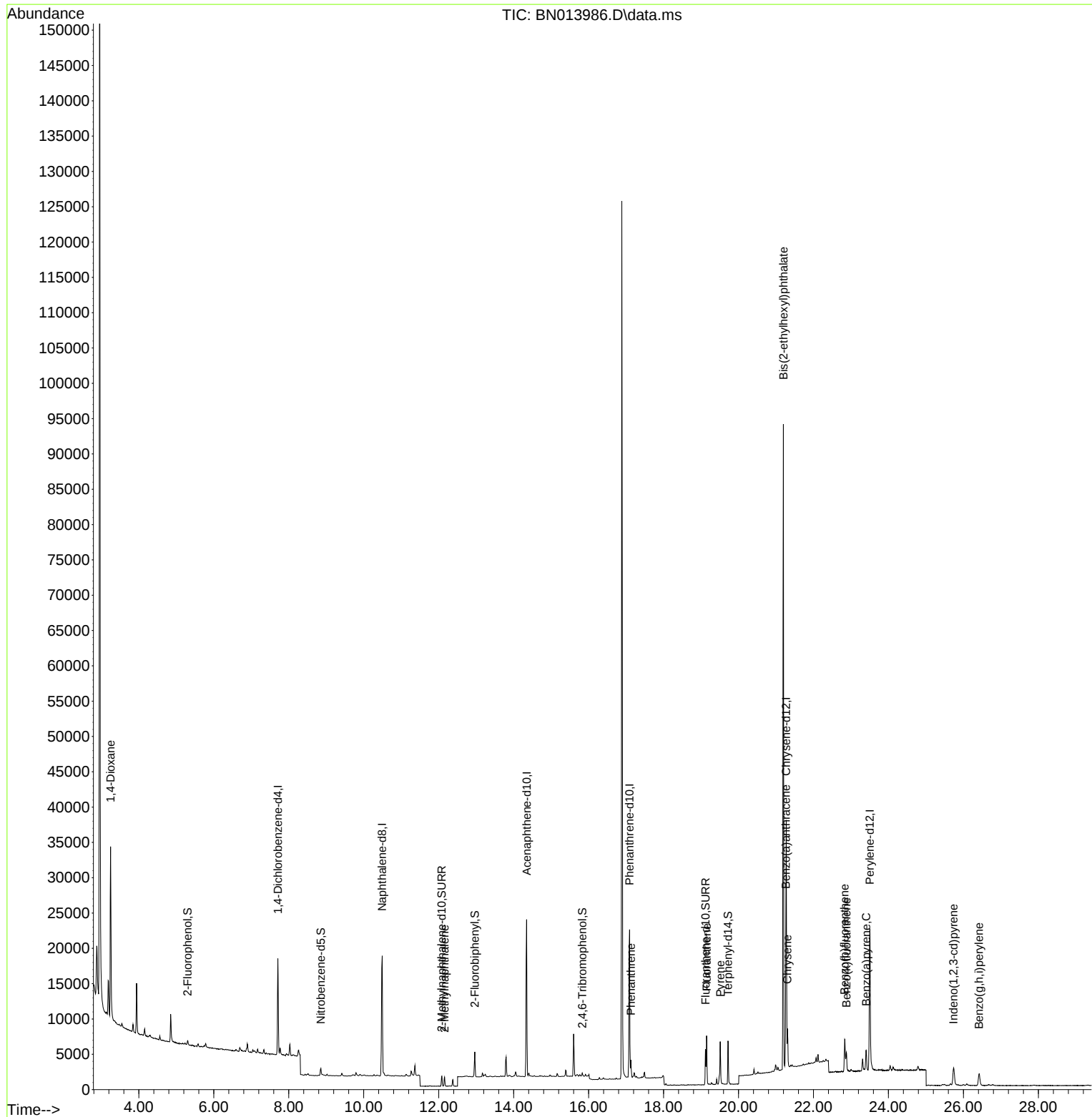
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	6350	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	24033	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13476	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	30517	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	30903	0.40	ng	# 0.00
36) Perylene-d12	23.503	264	27457	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	459	0.03	ng	0.00
5) Phenol-d6	6.871	99	395	0.02	ng	0.00
8) Nitrobenzene-d5	8.857	82	847	0.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	1950	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	309	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	2897	0.06	ng	0.00
27) Fluoranthene-d10	19.119	212	5713	0.06	ng	0.00
31) Terphenyl-d14	19.720	244	6105	0.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	15330	2.00	ng	97
12) 2-Methylnaphthalene	12.155	142	907	0.02	ng	# 94
25) Phenanthrene	17.128	178	2403	0.03	ng	98
28) Fluoranthene	19.149	202	5961	0.06	ng	98
30) Pyrene	19.511	202	5336	0.06	ng	97
32) Benzo(a)anthracene	21.261	228	3547	0.04	ng	94
33) Chrysene	21.303	228	5139	0.06	ng	97
34) Bis(2-ethylhexyl)phtha...	21.197	149	83785	1.85	ng	99
35) Indeno(1,2,3-cd)pyrene	25.735	276	3554	0.03	ng	96
37) Benzo(b)fluoranthene	22.832	252	6207	0.07	ng	# 74
38) Benzo(k)fluoranthene	22.877	252	3171	0.04	ng	# 65
39) Benzo(a)pyrene	23.407	252	3588	0.05	ng	# 50
41) Benzo(g,h,i)perylene	26.419	276	3627	0.04	ng	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
Data File : BN013986.D
Acq On : 18 Mar 2021 17:31
Operator : CG/JU
Sample : M1714-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

Quant Time: Mar 18 18:00:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 15:58:40 2021
Response via : Initial Calibration

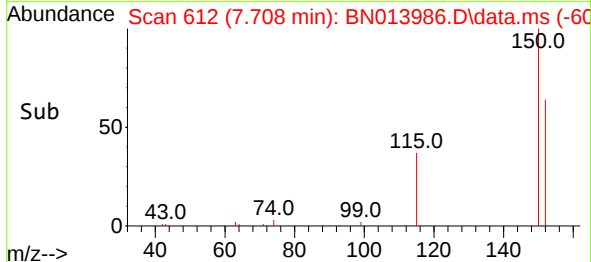
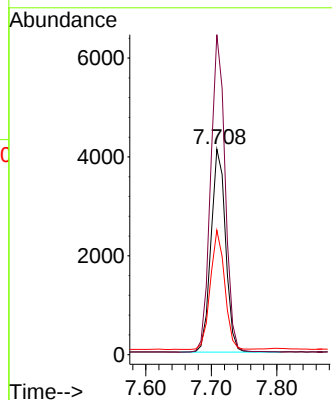
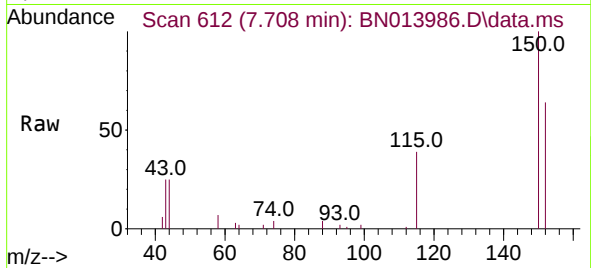




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

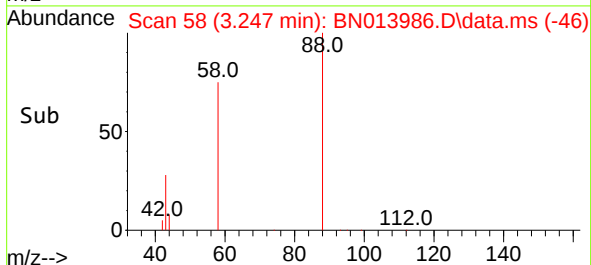
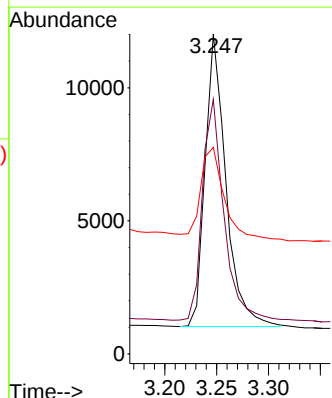
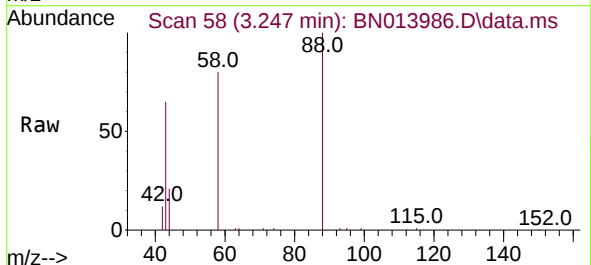
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

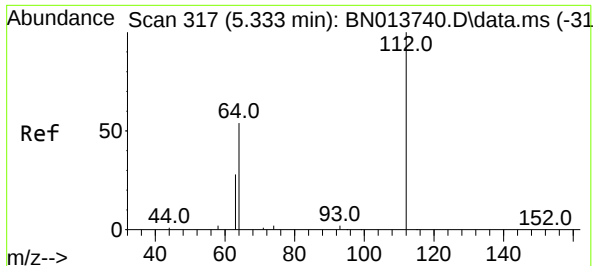
Tgt Ion:152 Resp: 6350
Ion Ratio Lower Upper
152 100
150 155.6 121.8 182.8
115 60.5 46.6 69.8



#2
1,4-Dioxane
Concen: 2.00 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion: 88 Resp: 15330
Ion Ratio Lower Upper
88 100
58 77.5 64.6 96.8
43 34.9 26.6 40.0

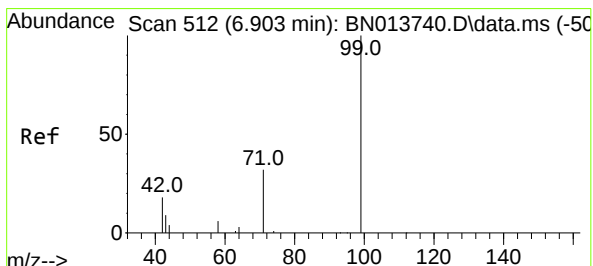
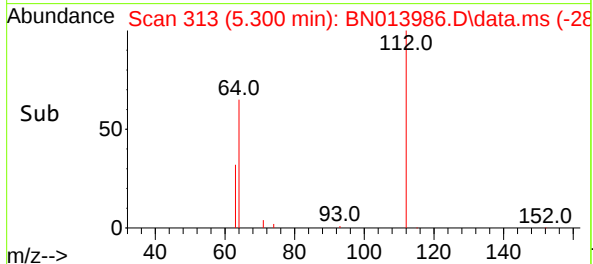
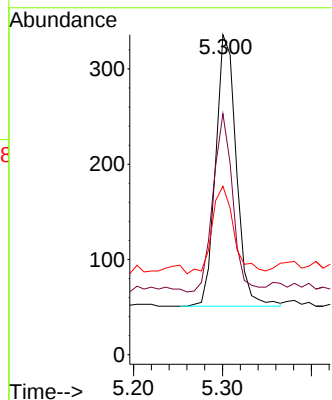
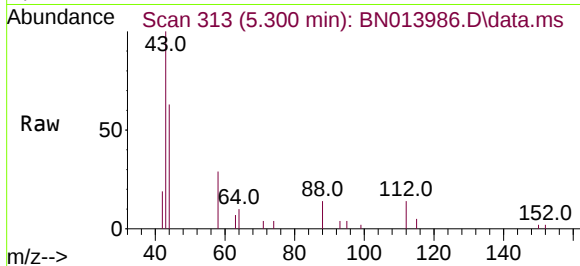




#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

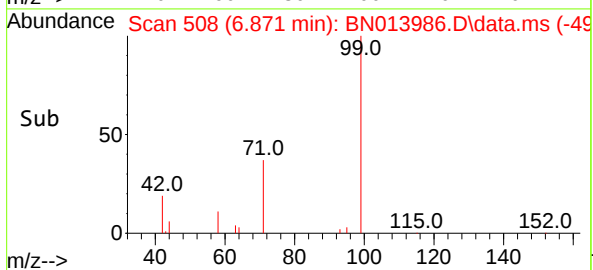
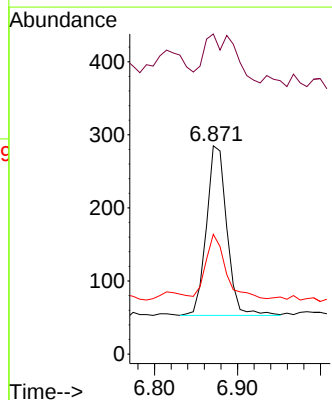
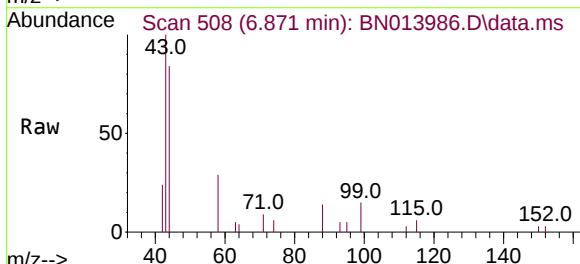
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

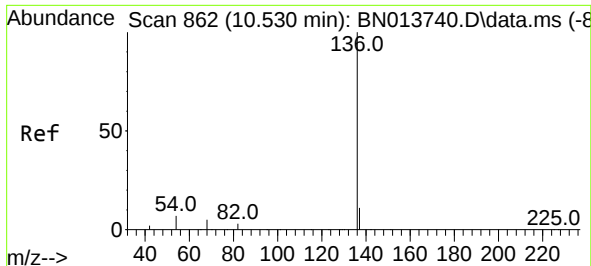
Tgt Ion:	112	Resp:	459
Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.3	66.5
63	34.2	23.0	34.6



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	99	Resp:	395
Ion	Ratio	Lower	Upper
99	100		
42	43.5	15.2	22.8#
71	37.0	26.1	39.1

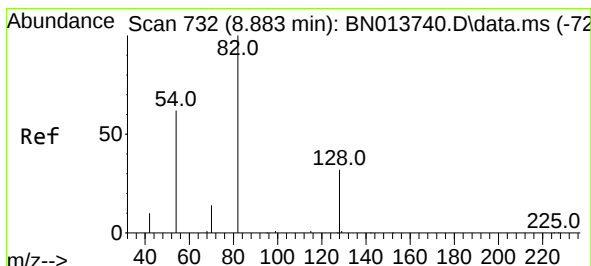
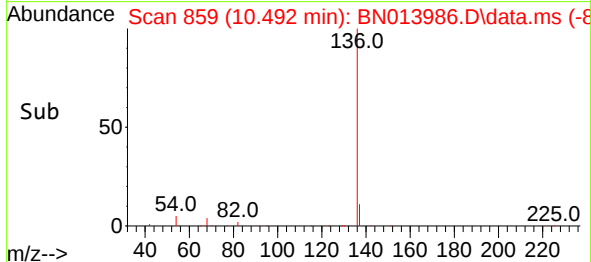
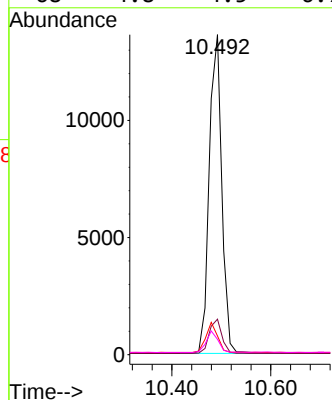
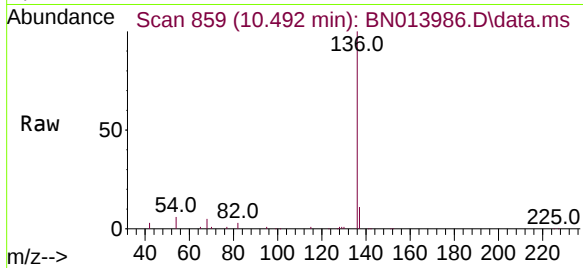




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

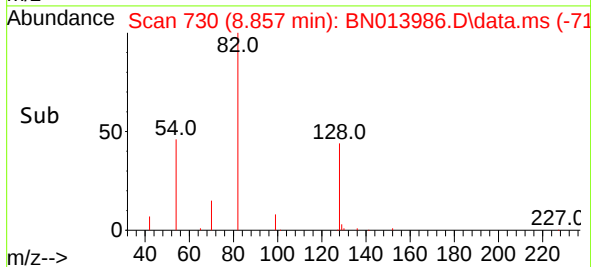
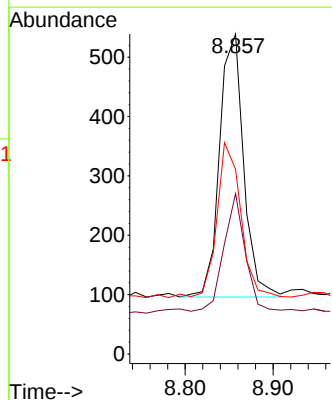
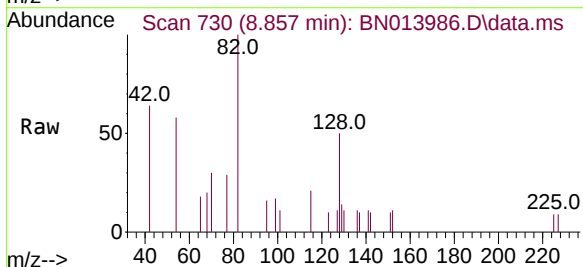
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

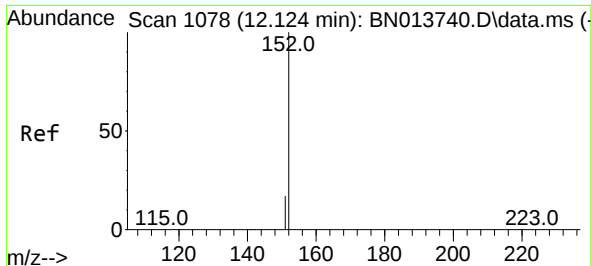
Tgt Ion:	136	Resp:	24033
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	5.8	6.4	9.6#
68	4.8	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	82	Resp:	847
Ion Ratio	Lower	Upper	
82	100		
128	50.1	39.2	58.8
54	57.7	40.1	60.1

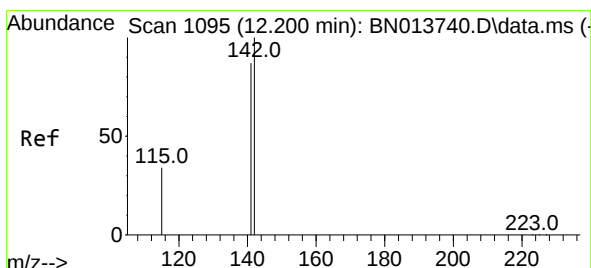
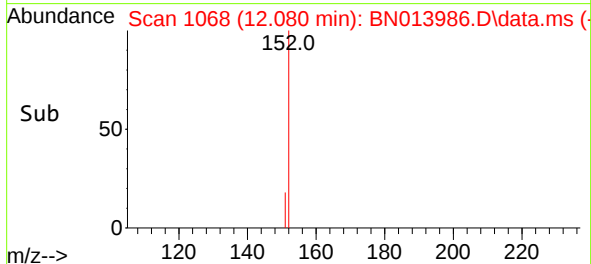
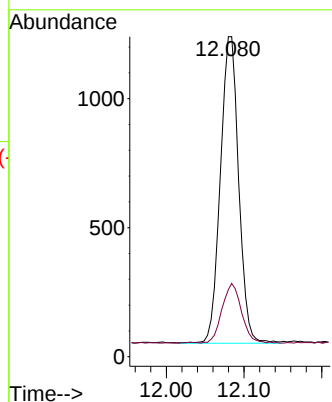
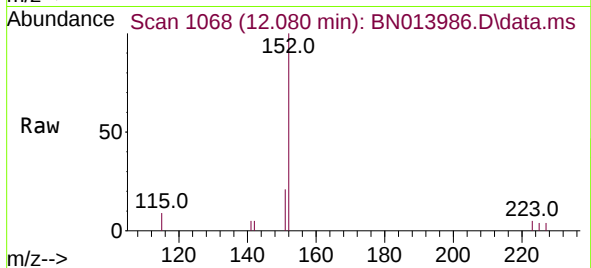




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.080 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

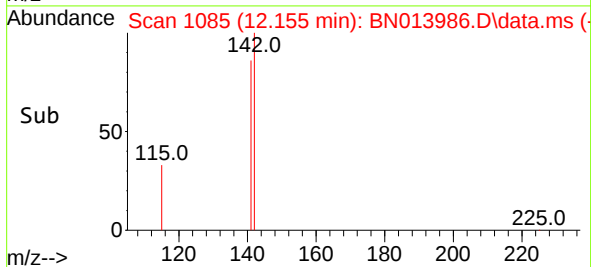
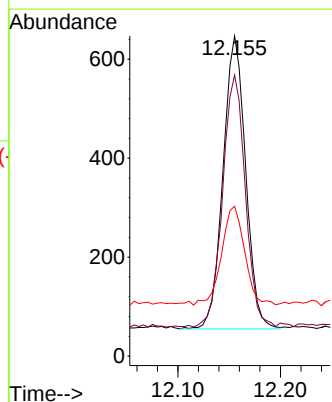
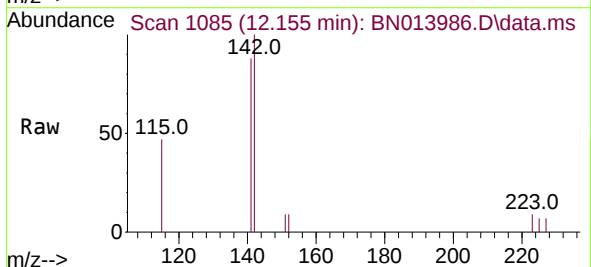
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

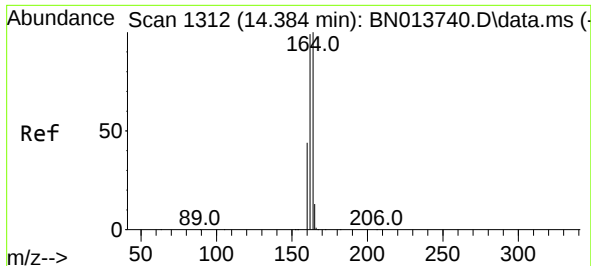
Tgt Ion:152 Resp: 1950
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.155 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:142 Resp: 907
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7
115 46.8 27.4 41.0#

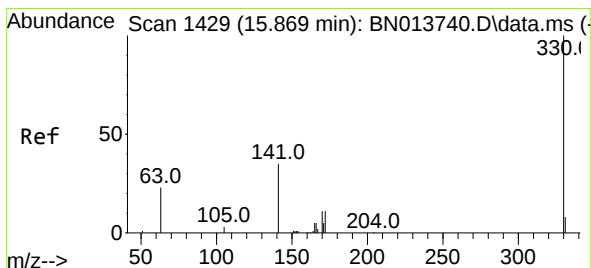
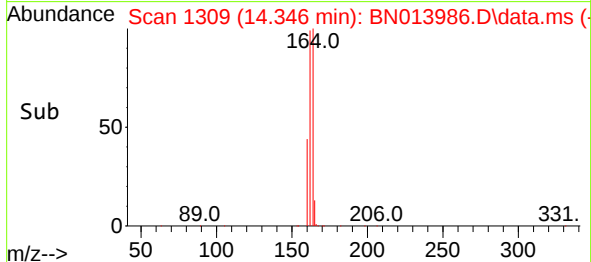
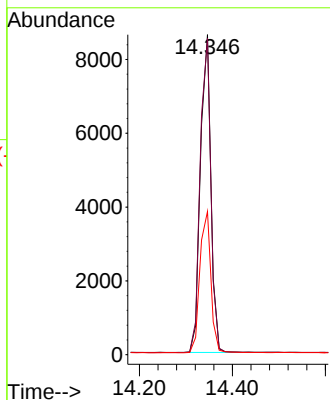
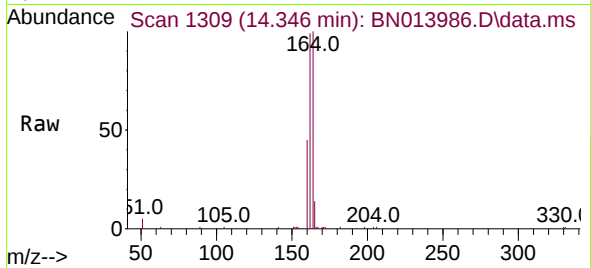




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

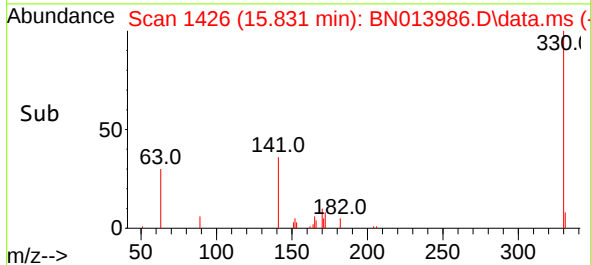
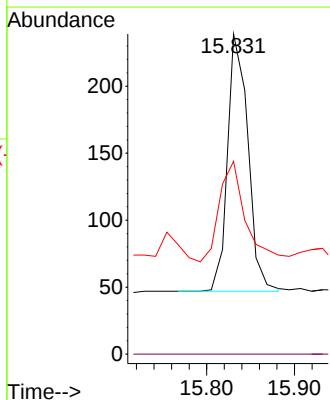
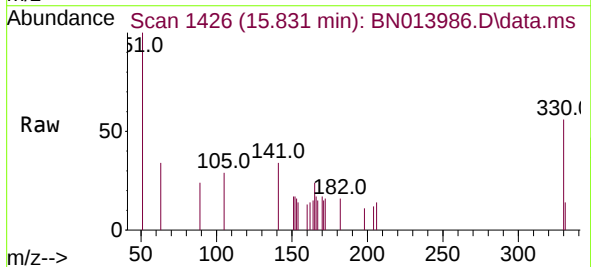
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

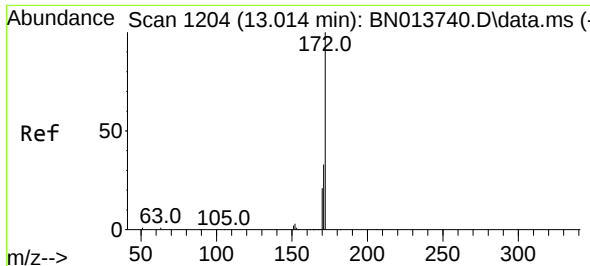
Tgt Ion:	164	Resp:	13476
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.6	119.4
160	44.7	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	330	Resp:	309
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	49.5	26.8	40.2#

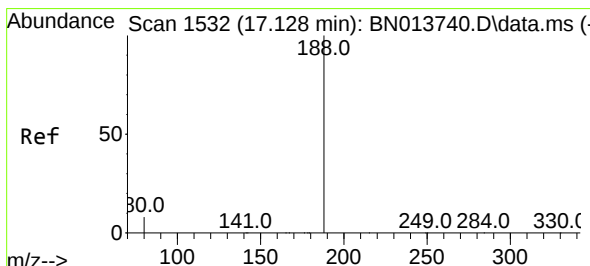
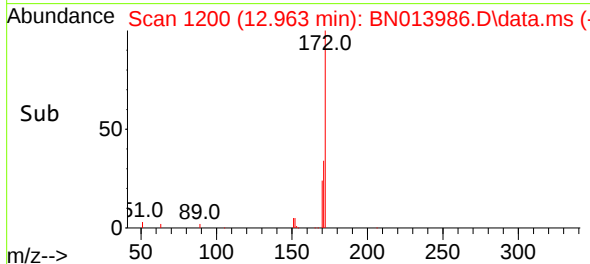
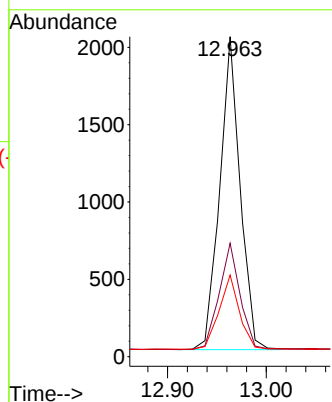
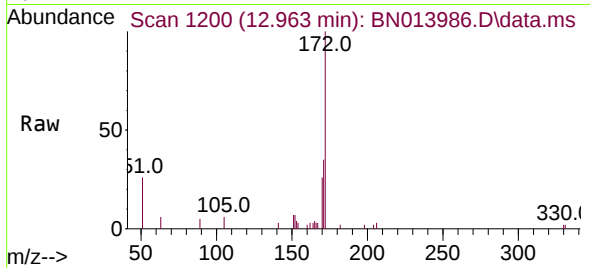




#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.963 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

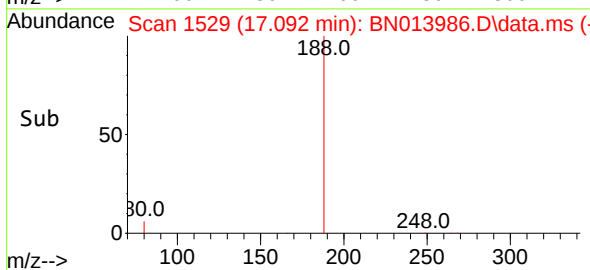
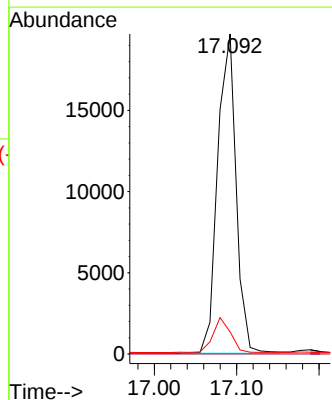
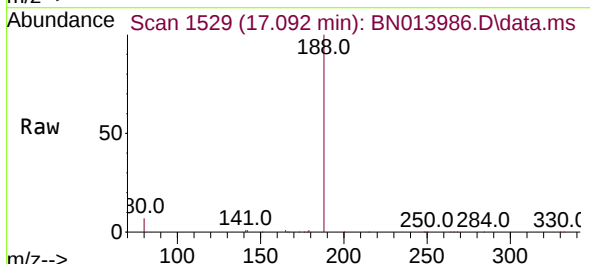
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

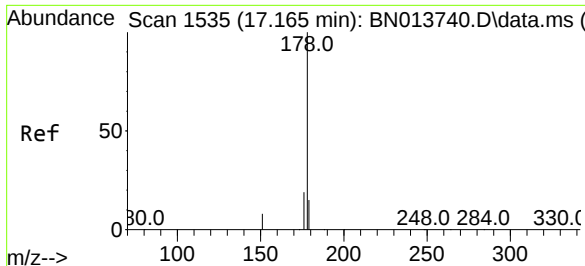
Tgt Ion:172	Resp:	2897
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.6 42.8
170	25.5	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:188	Resp:	30517
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.9	9.0 13.6#

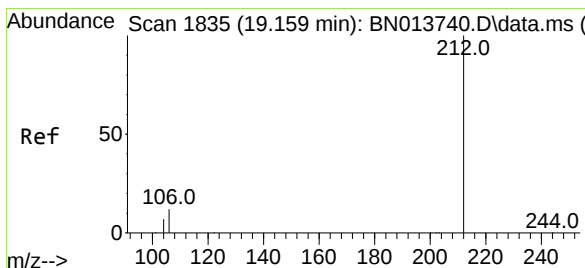
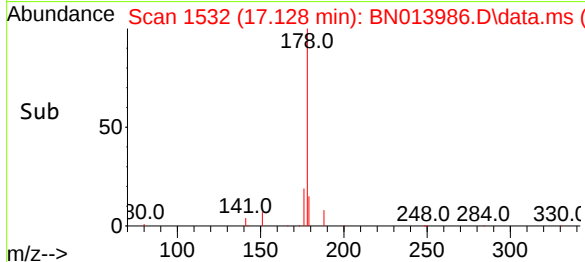
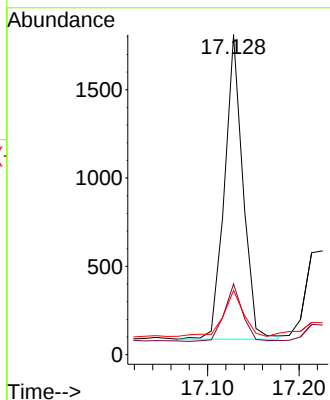
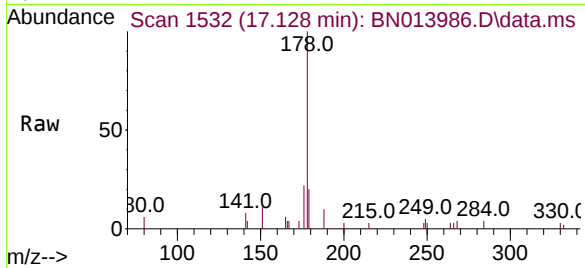




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

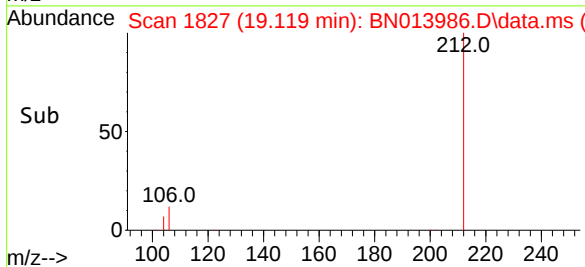
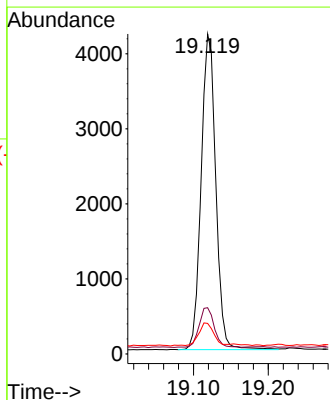
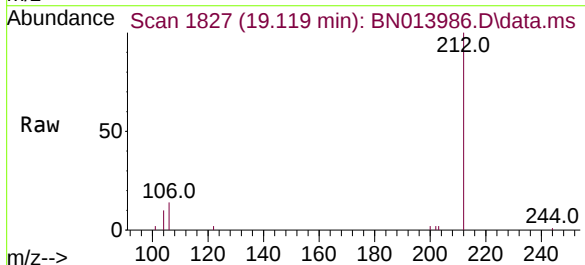
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

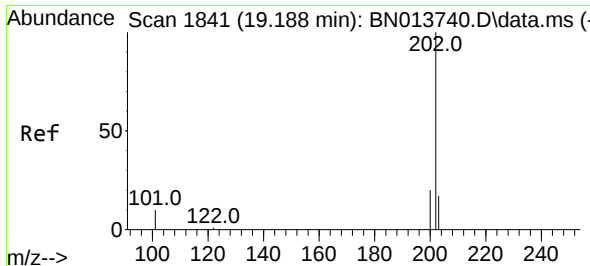
Tgt Ion:178	Resp:	2403
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	16.8	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:212	Resp:	5713
Ion Ratio	Lower	Upper
212	100	
106	12.9	9.7 14.5
104	7.7	5.5 8.3

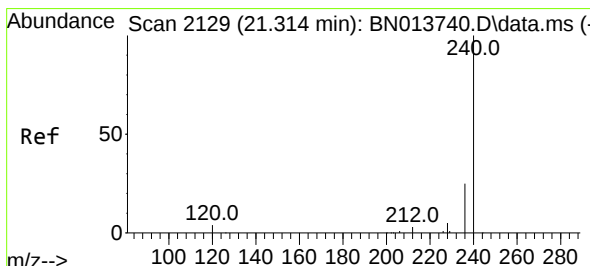
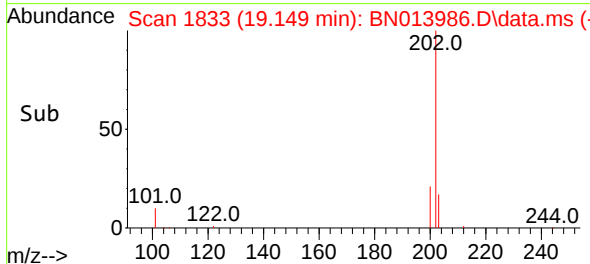
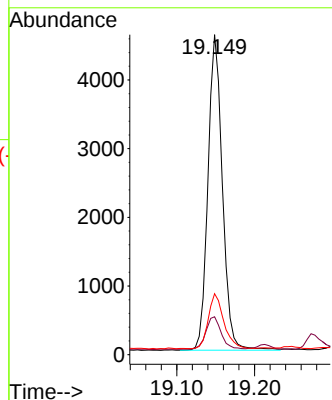
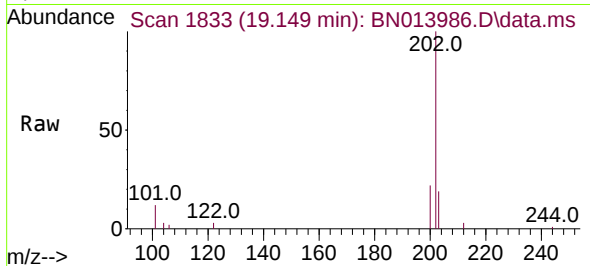




#28
Fluoranthene
Concen: 0.06 ng
RT: 19.149 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

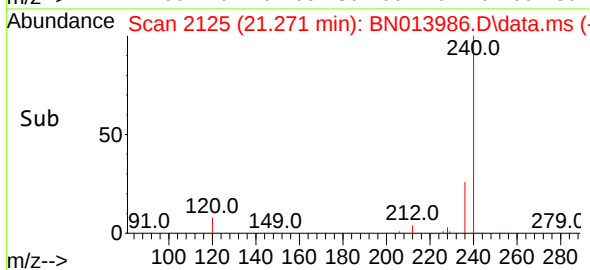
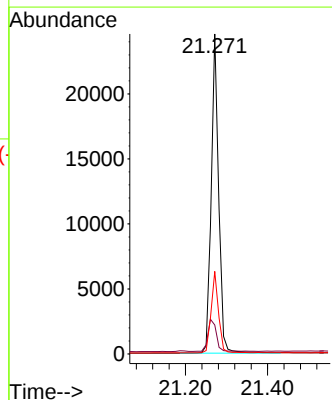
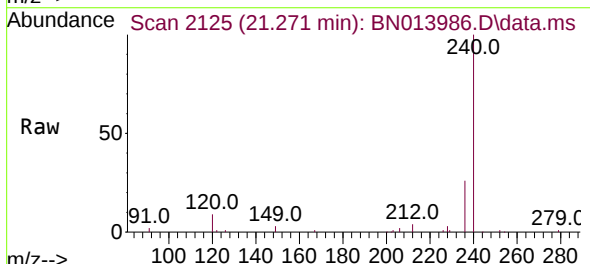
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

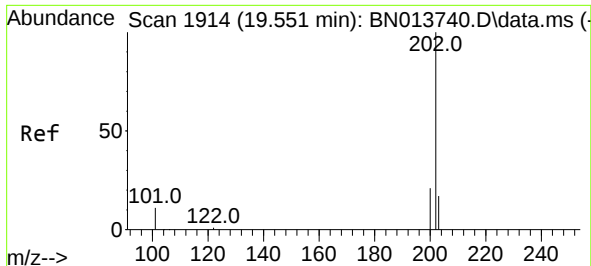
Tgt Ion:202 Resp: 5961
Ion Ratio Lower Upper
202 100
101 10.7 8.1 12.1
203 18.6 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:240 Resp: 30903
Ion Ratio Lower Upper
240 100
120 9.1 10.2 15.4#
236 25.8 21.3 31.9

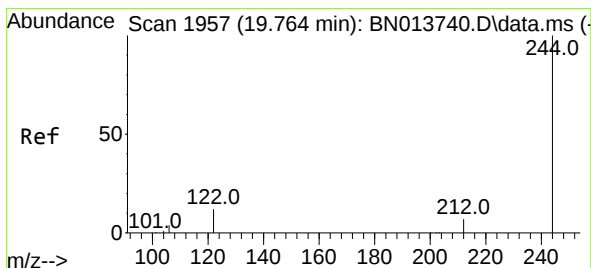
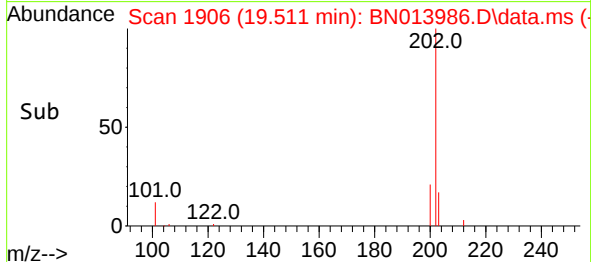
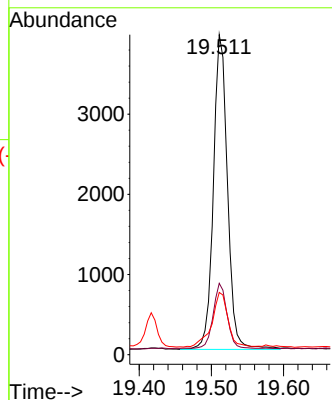
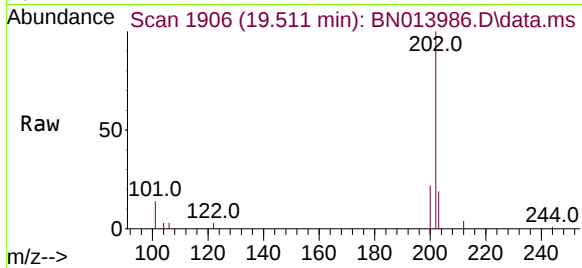




#30
Pyrene
Concen: 0.06 ng
RT: 19.511 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

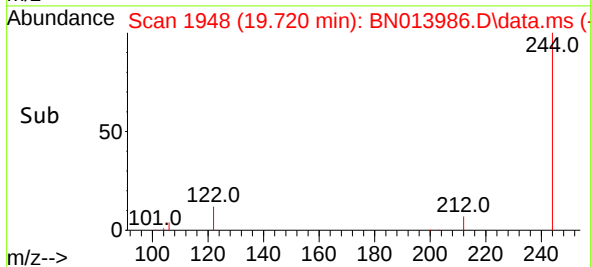
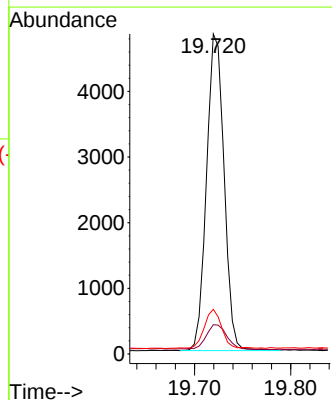
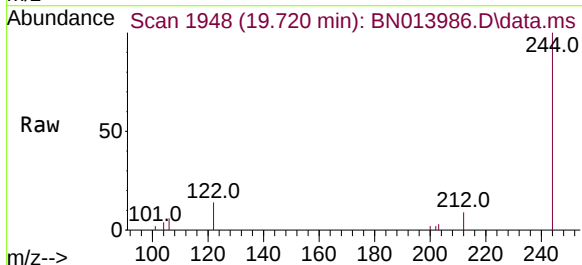
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

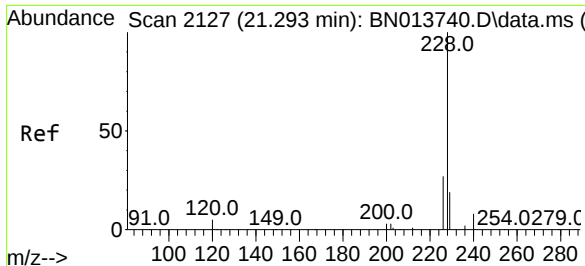
Tgt Ion:	202	Resp:	5336
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.3	24.5
203	19.9	14.0	21.0



#31
Terphenyl-d14
Concen: 0.09 ng
RT: 19.720 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	244	Resp:	6105
Ion Ratio	Lower	Upper	
244	100		
212	9.1	6.1	9.1#
122	13.9	9.8	14.8

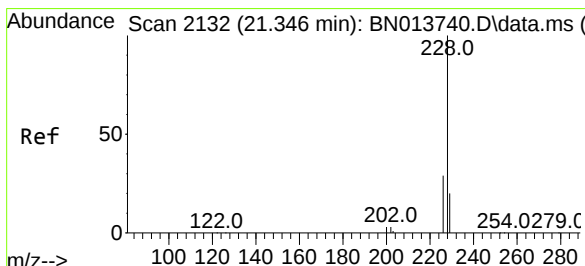
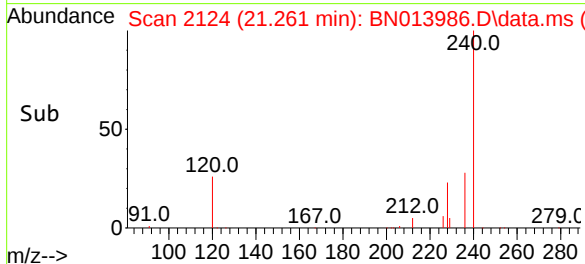
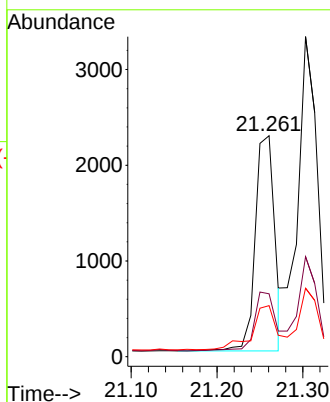
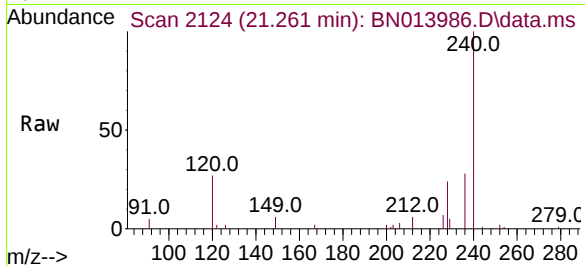




#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.011 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

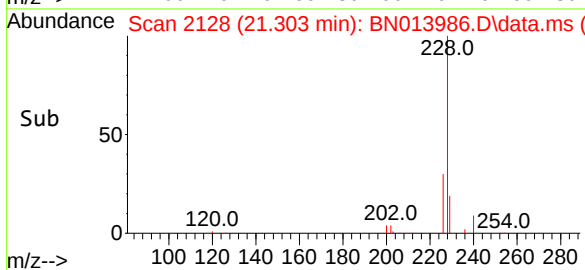
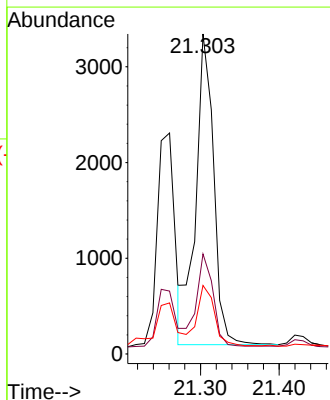
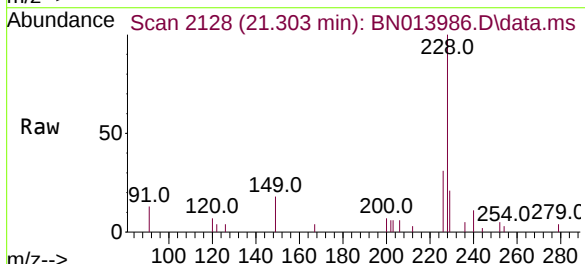
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

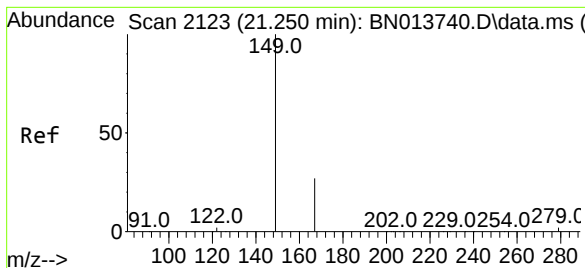
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.5	30.7
229	23.1	16.2	24.4



#33
Chrysene
Concen: 0.06 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.4	15.1	22.7

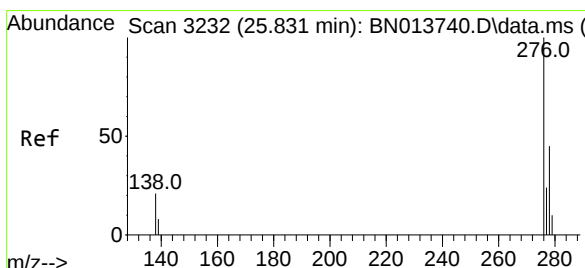
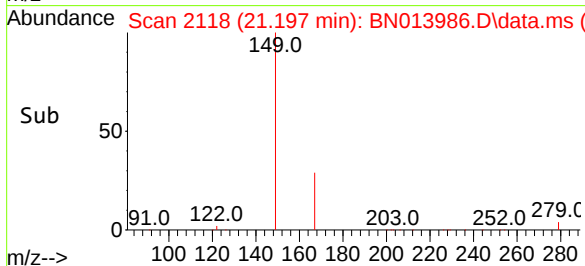
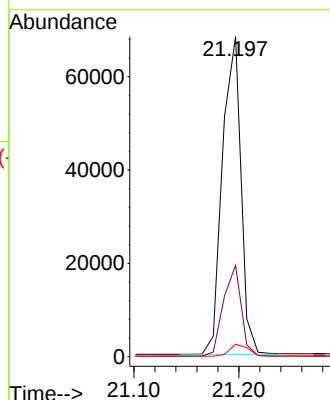
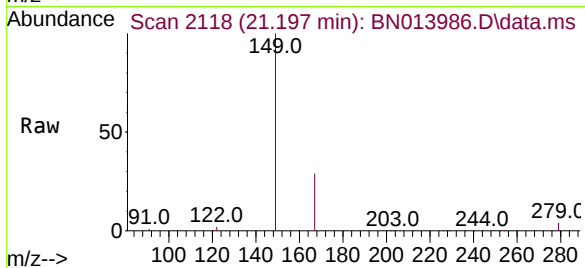




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.85 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.011 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

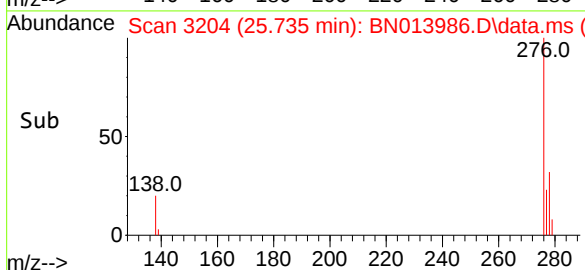
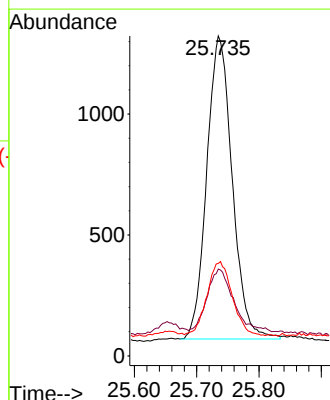
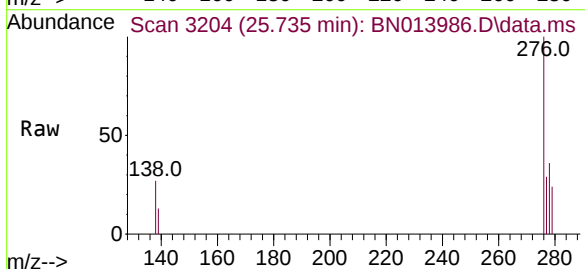
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

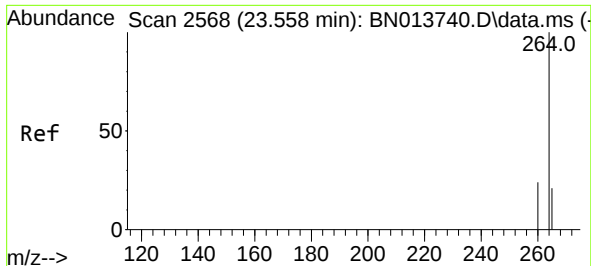
Tgt Ion:149 Resp: 83785
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 3.8 3.5 5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.735 min Scan# 3204
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:276 Resp: 3554
Ion Ratio Lower Upper
276 100
138 21.1 19.8 29.6
277 24.2 19.9 29.9

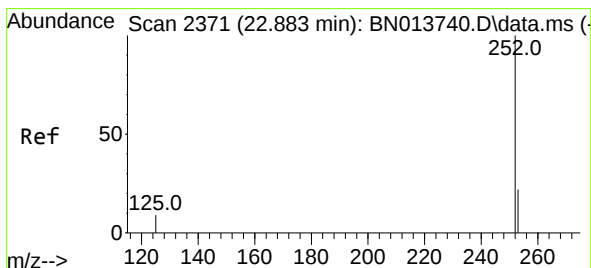
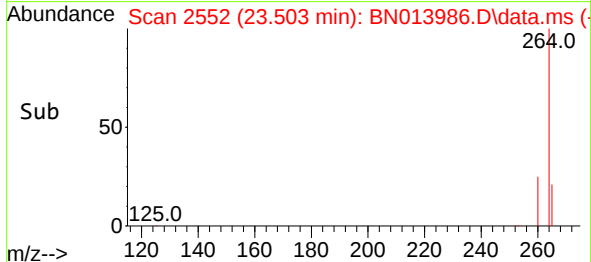
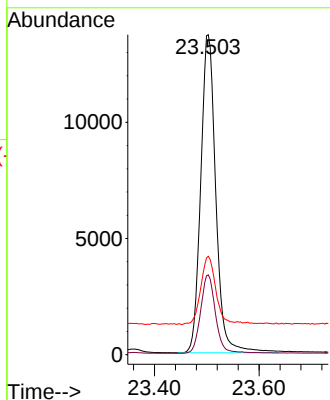
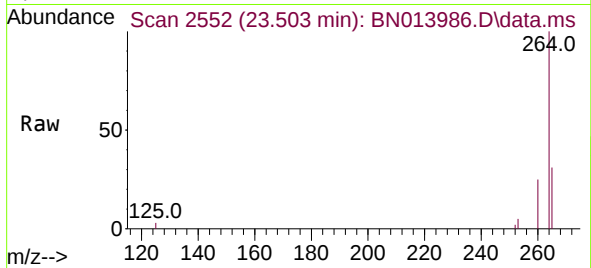




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.503 min Scan# 2552
 Delta R.T. 0.003 min
 Lab File: BN013986.D
 Acq: 18 Mar 2021 17:31

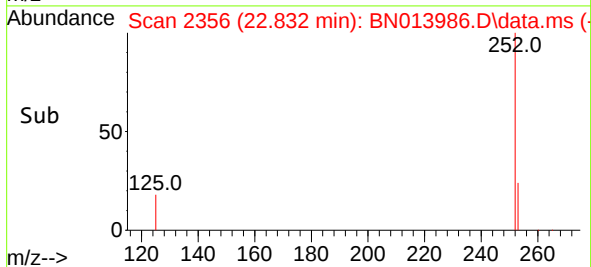
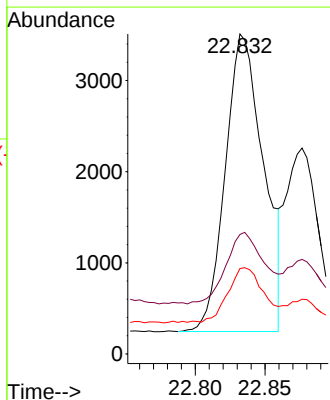
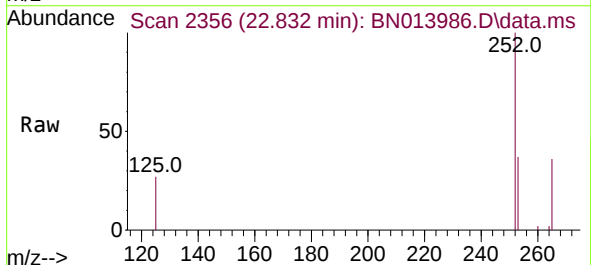
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-224-234-031721DL

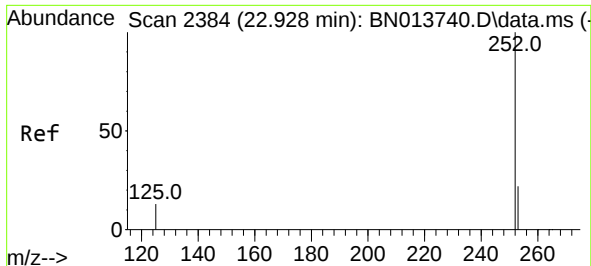
Tgt Ion:264 Resp: 27457
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 30.8 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.07 ng
 RT: 22.832 min Scan# 2356
 Delta R.T. 0.003 min
 Lab File: BN013986.D
 Acq: 18 Mar 2021 17:31

Tgt Ion:252 Resp: 6207
 Ion Ratio Lower Upper
 252 100
 253 37.4 20.4 30.6#
 125 26.7 11.6 17.4#

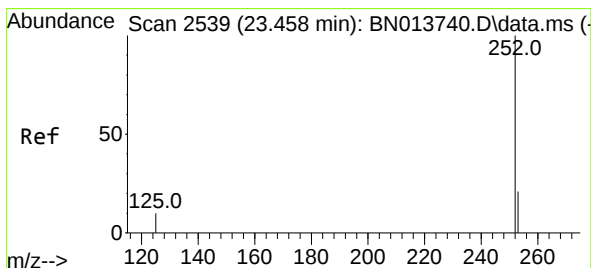
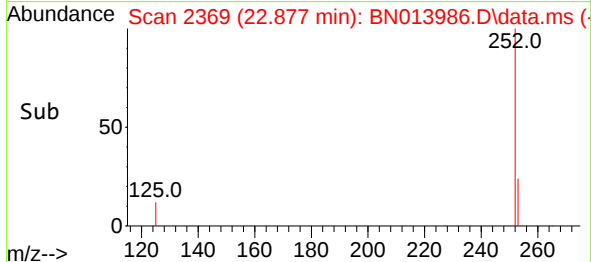
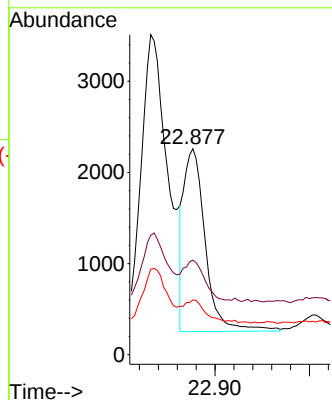
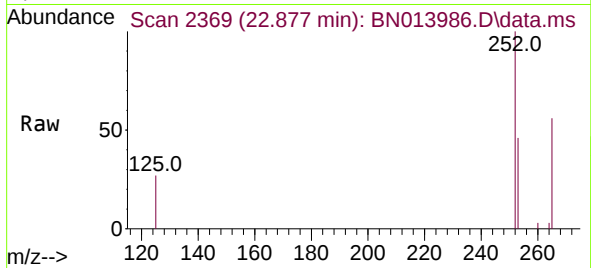




#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.877 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

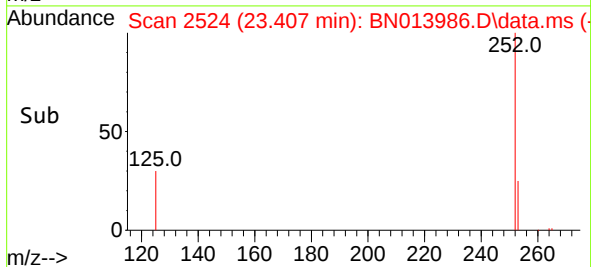
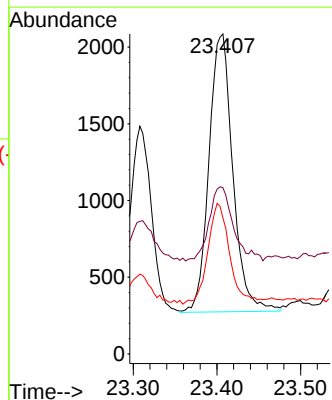
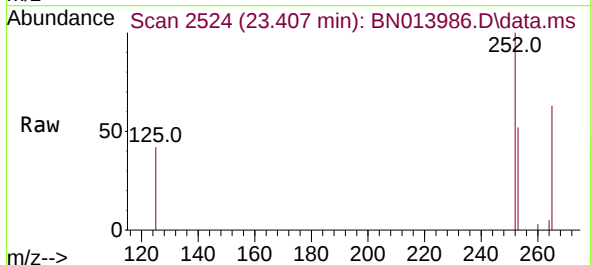
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

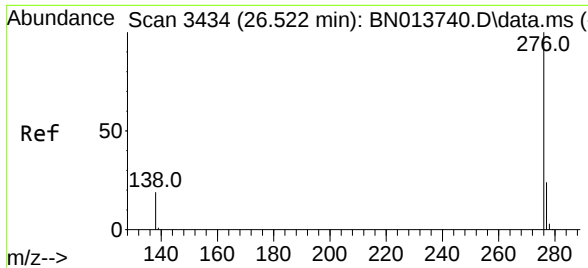
Tgt Ion:252 Resp: 3171
Ion Ratio Lower Upper
252 100
253 45.9 20.5 30.7#
125 26.6 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.407 min Scan# 2524
Delta R.T. 0.007 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:252 Resp: 3588
Ion Ratio Lower Upper
252 100
253 52.0 21.8 32.6#
125 42.5 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

Tgt Ion:	276	Resp:	3627
Ion Ratio	Lower	Upper	
276	100		
277	28.8	20.0	30.0
138	26.3	17.8	26.8

