

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013985.D
 Acq On : 18 Mar 2021 16:55
 Operator : CG/JU
 Sample : M1714-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721

Quant Time: Mar 18 17:29:37 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)

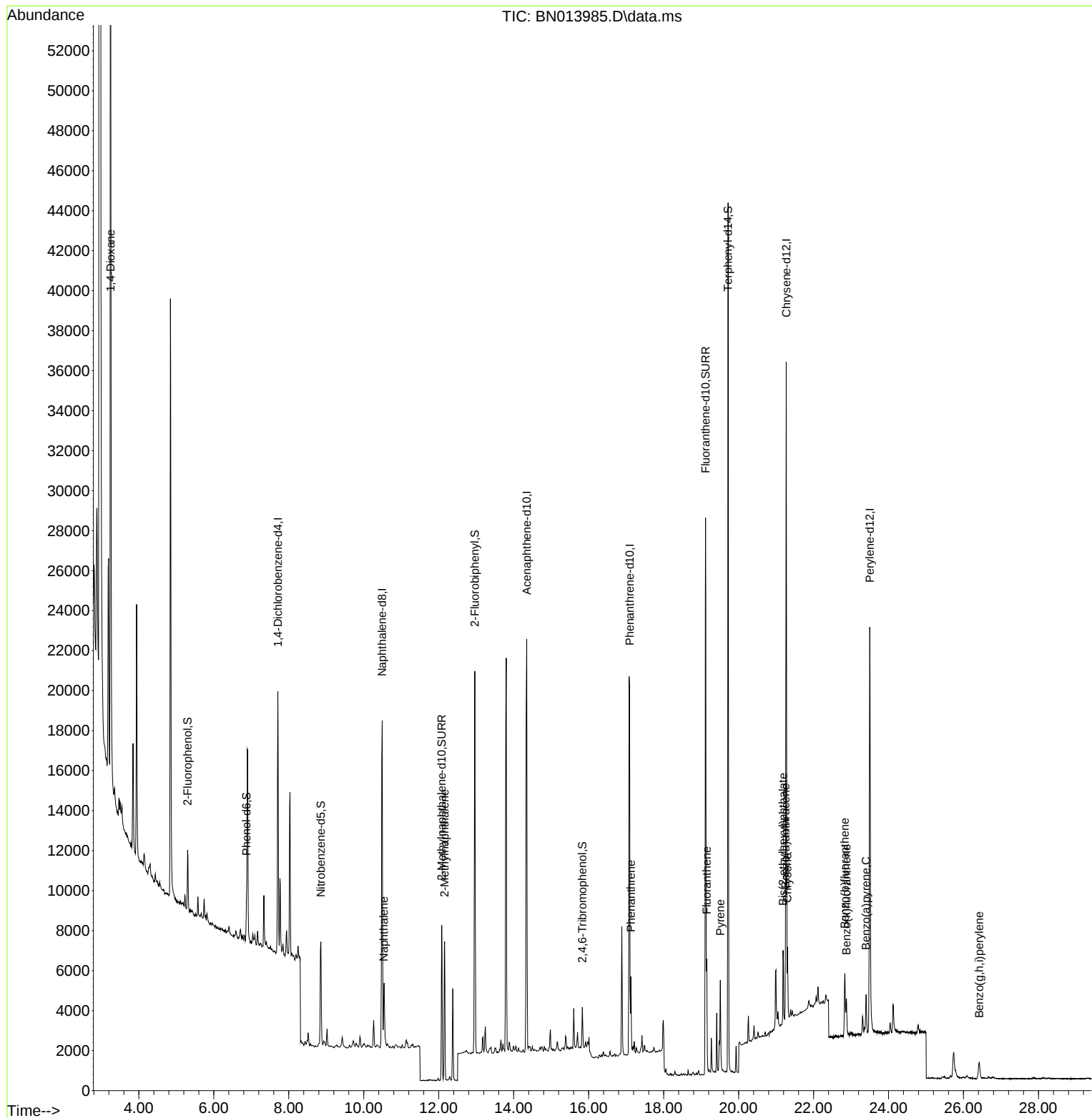
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5992	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	22952	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12927	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	29135	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	29531	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	26542	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2221	0.14	ng	0.00
5) Phenol-d6	6.871	99	1683	0.08	ng	0.00
8) Nitrobenzene-d5	8.857	82	4602	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	10357	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	1460	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	15737	0.34	ng	0.00
27) Fluoranthene-d10	19.119	212	31083	0.36	ng	0.00
31) Terphenyl-d14	19.720	244	41220	0.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	31990	4.42	ng	96
9) Naphthalene	10.530	128	1585	0.03	ng	# 85
12) 2-Methylnaphthalene	12.155	142	4947	0.12	ng	98
25) Phenanthrene	17.128	178	3762	0.05	ng	98
28) Fluoranthene	19.149	202	4706	0.05	ng	# 88
30) Pyrene	19.511	202	3902	0.04	ng	# 95
32) Benzo(a)anthracene	21.250	228	2298	0.03	ng	# 90
33) Chrysene	21.303	228	3080	0.03	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.186	149	3840	0.09	ng	98
37) Benzo(b)fluoranthene	22.832	252	3817	0.04	ng	# 47
38) Benzo(k)fluoranthene	22.877	252	2072	0.03	ng	# 36
39) Benzo(a)pyrene	23.400	252	2110	0.03	ng	# 12
41) Benzo(g,h,i)perylene	26.419	276	1740	0.02	ng	# 80

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

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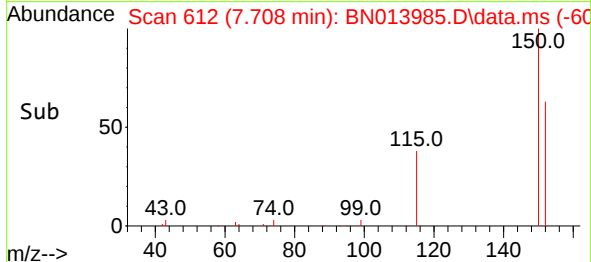
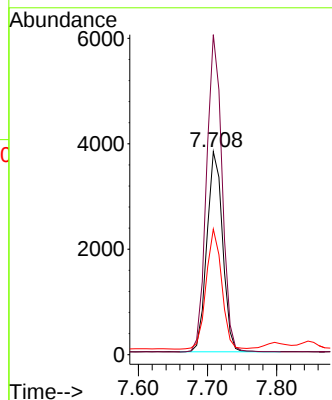
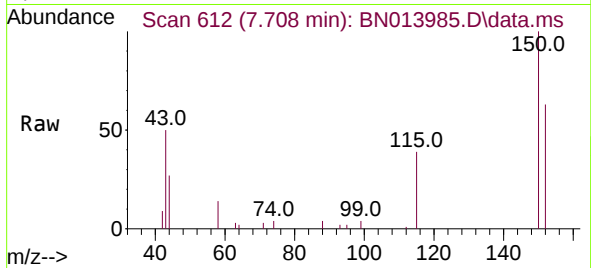




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

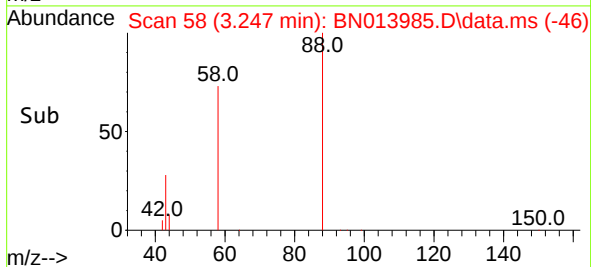
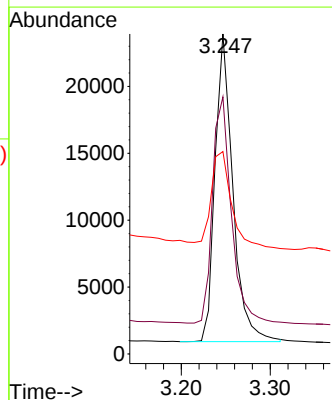
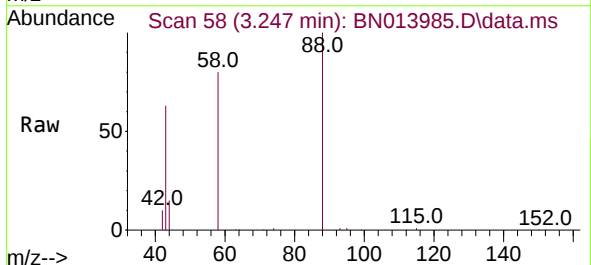
Instrument :
BNA_N
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GWBR3-209-219-031721

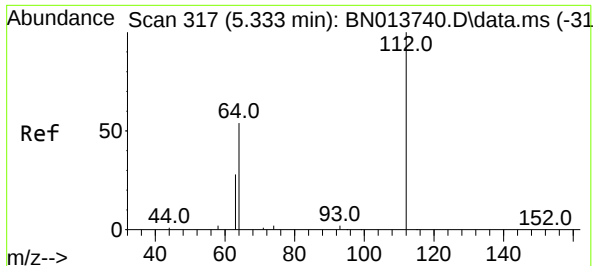
Tgt Ion:152 Resp: 5992
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.8
115 61.9 46.6 69.8



#2
1,4-Dioxane
Concen: 4.42 ng
RT: 3.247 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion: 88 Resp: 31990
Ion Ratio Lower Upper
88 100
58 77.4 64.6 96.8
43 36.3 26.6 40.0

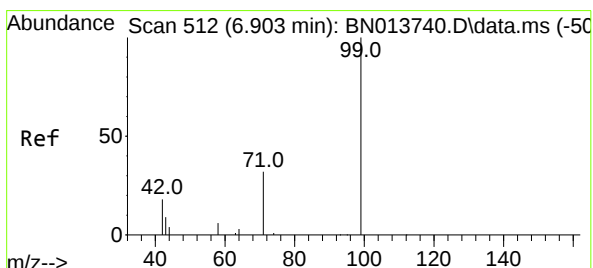
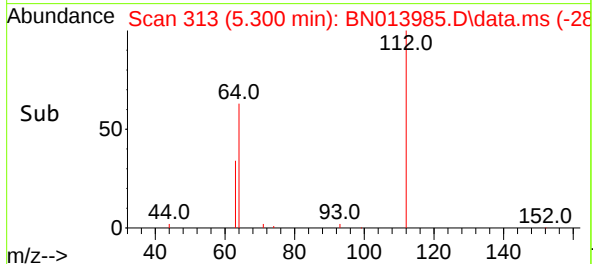
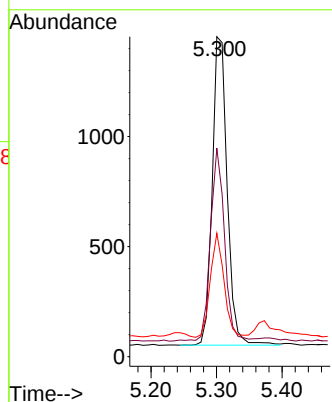
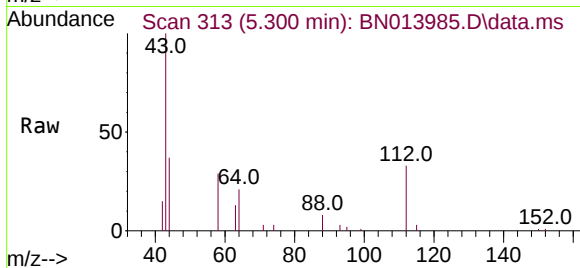




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

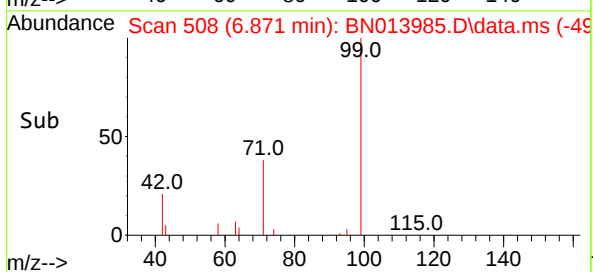
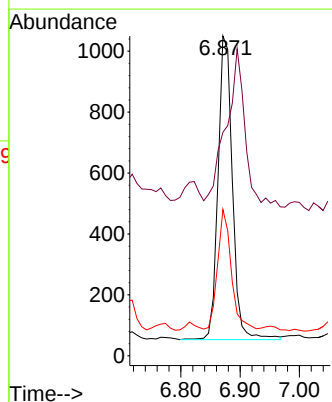
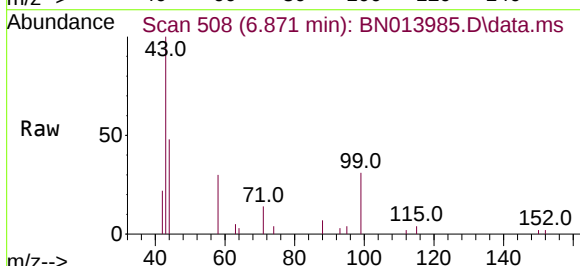
Instrument :
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ClientSampleId :
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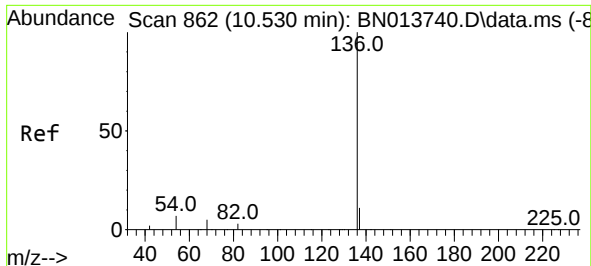
Tgt Ion:	112	Resp:	2221
Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.3	66.5
63	30.8	23.0	34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:	99	Resp:	1683
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	38.2	26.1	39.1

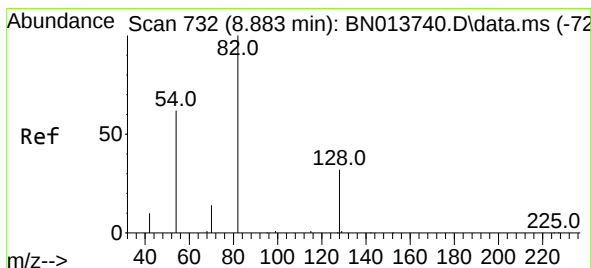
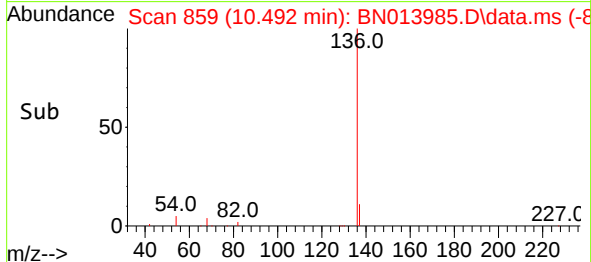
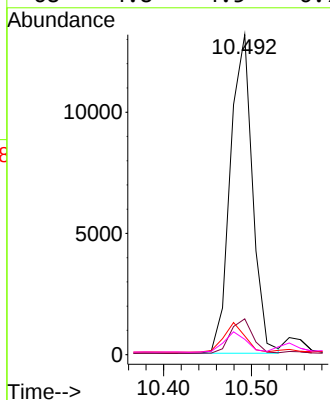
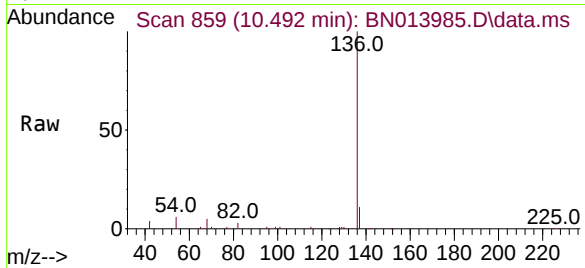




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

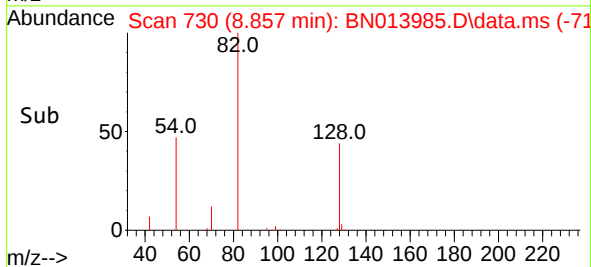
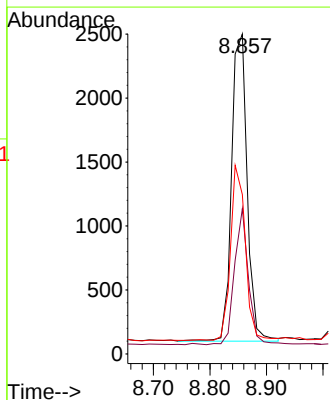
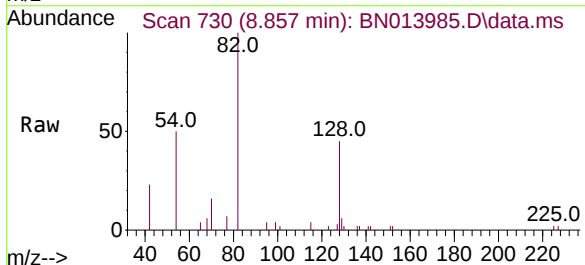
Instrument :
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ClientSampleId :
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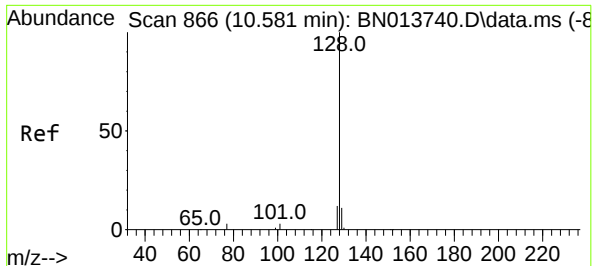
Tgt Ion:136	Resp:	22952
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	5.9	6.4 9.6#
68	4.8	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion: 82	Resp:	4602
Ion Ratio	Lower	Upper
82	100	
128	45.4	39.2 58.8
54	49.8	40.1 60.1

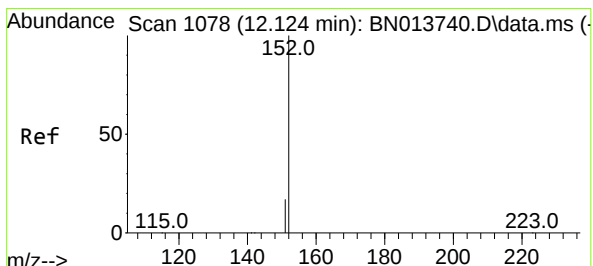
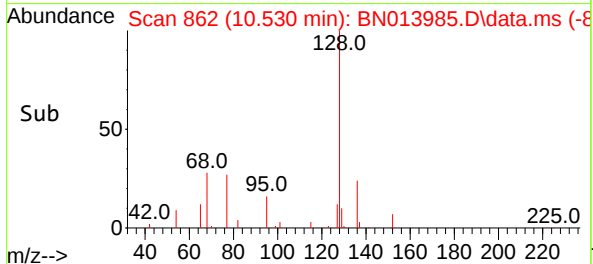
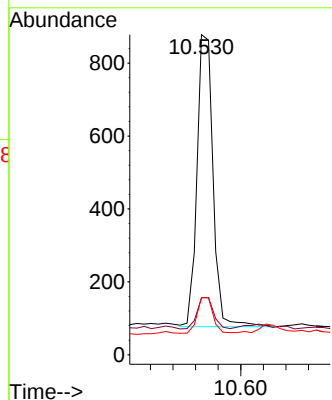
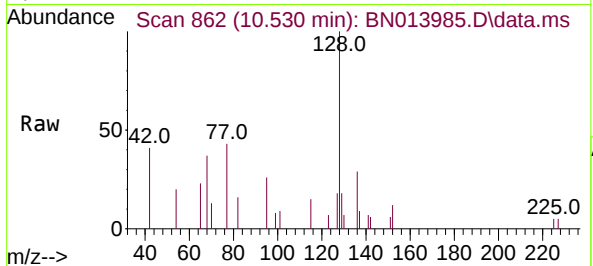




#9
Naphthalene
Concen: 0.03 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

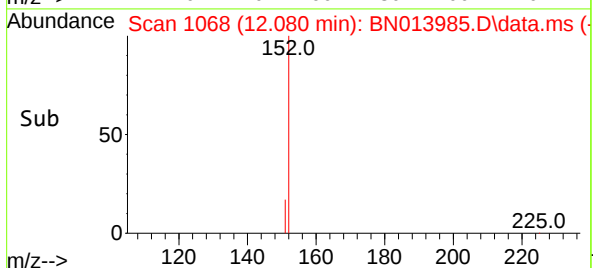
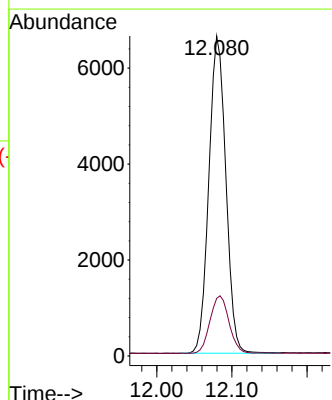
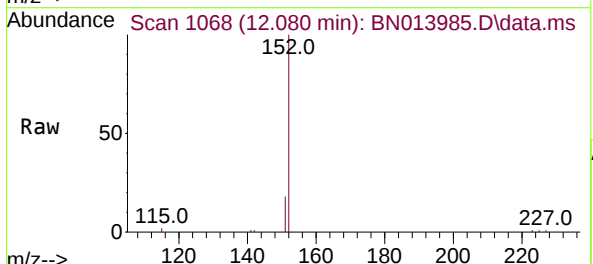
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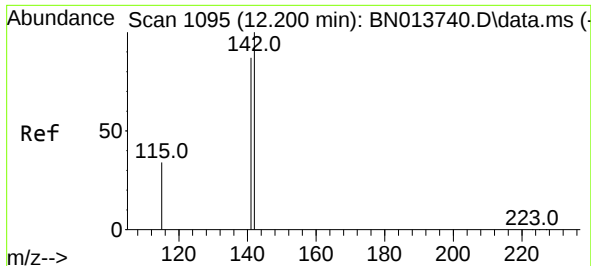
Tgt Ion:128 Resp: 1585
Ion Ratio Lower Upper
128 100
129 17.8 9.0 13.4#
127 17.9 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.080 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:152 Resp: 10357
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

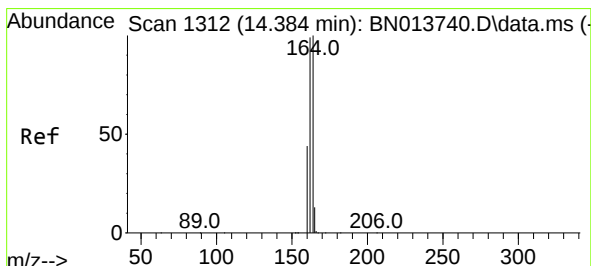
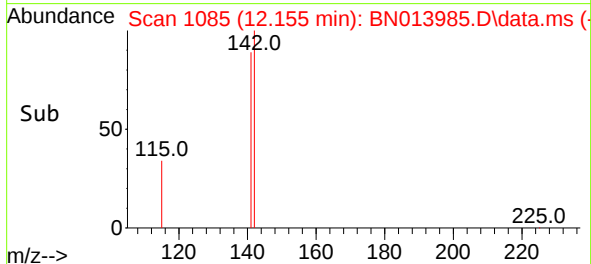
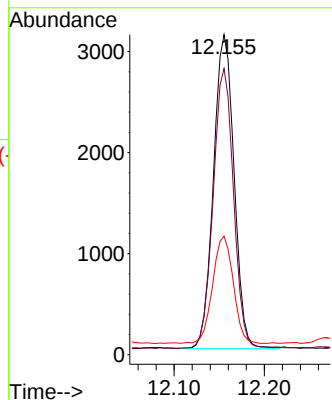
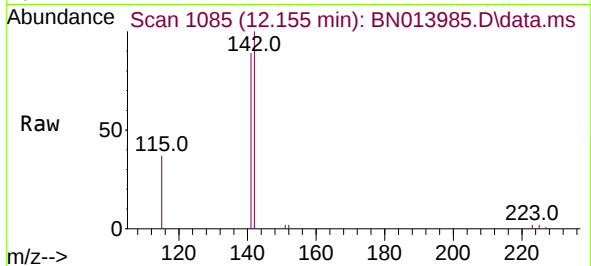




#12
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.155 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

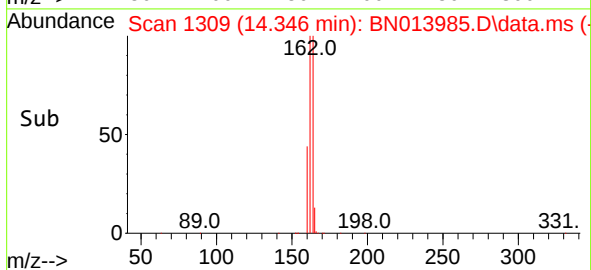
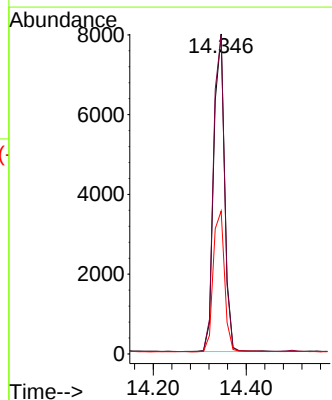
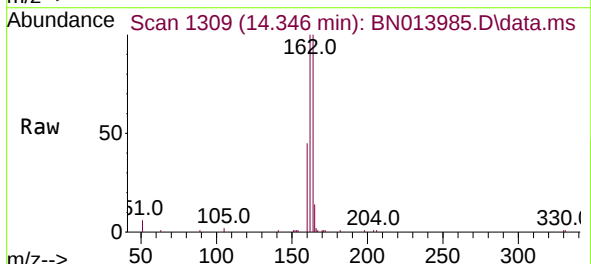
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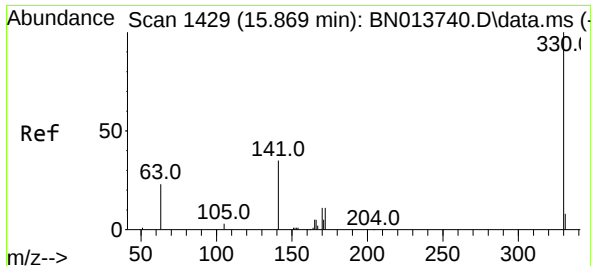
Tgt Ion:	142	Resp:	4947
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.5	105.7
115	37.1	27.4	41.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:	164	Resp:	12927
Ion Ratio	Lower	Upper	
164	100		
162	99.5	79.6	119.4
160	44.6	36.0	54.0

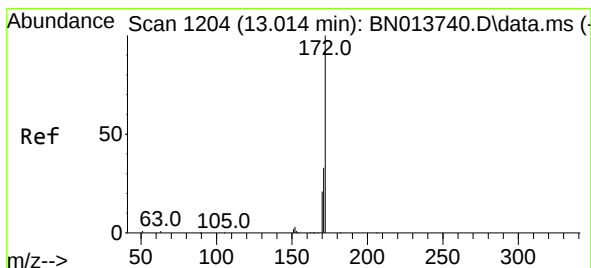
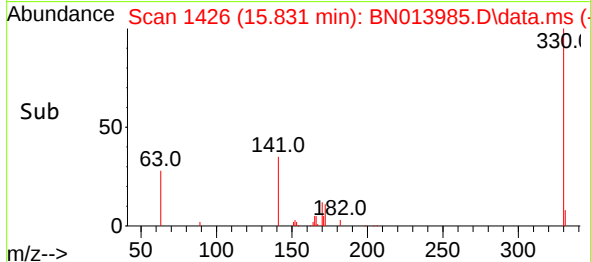
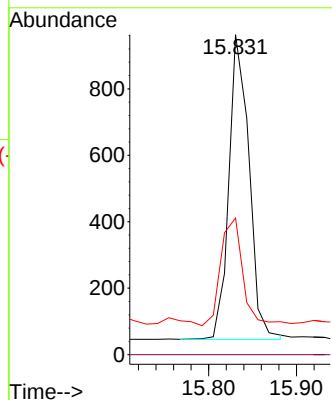
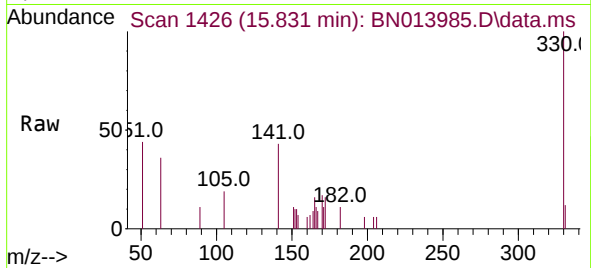




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.831 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

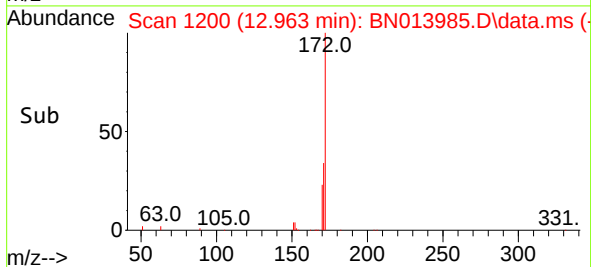
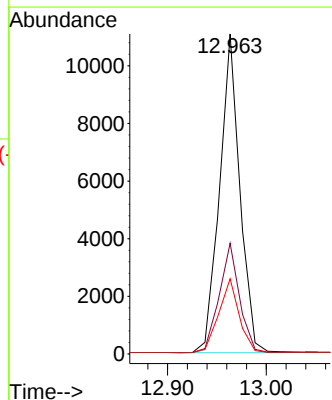
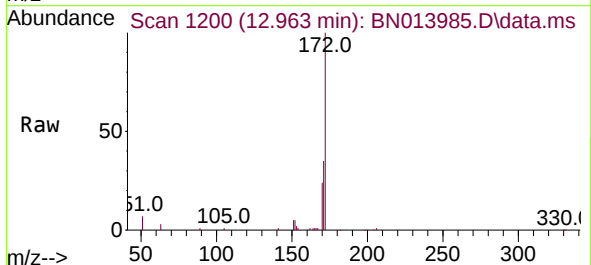
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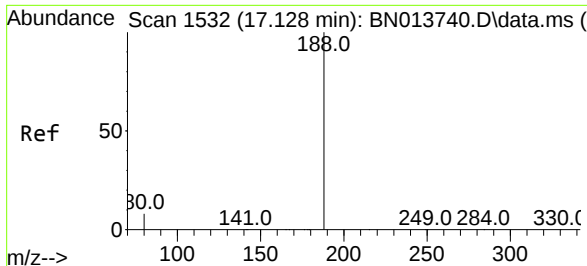
Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.963 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:172 Resp: 15737
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.5 18.9 28.3

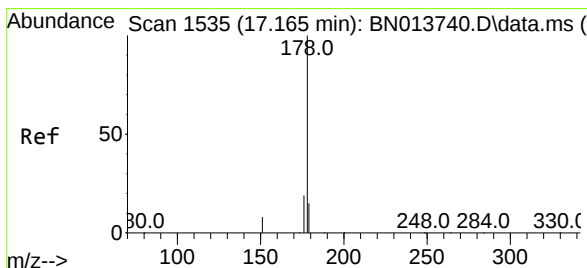
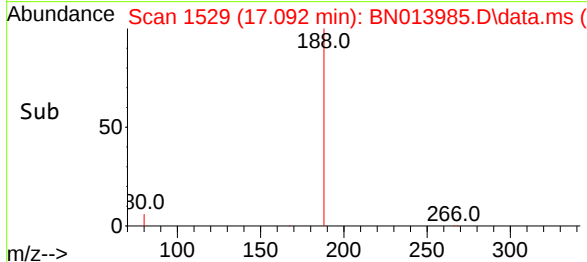
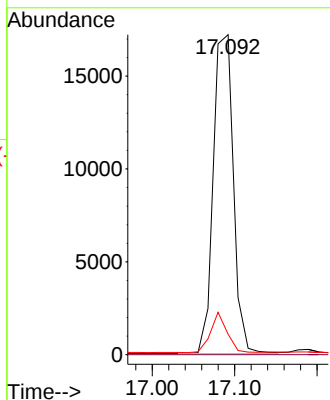
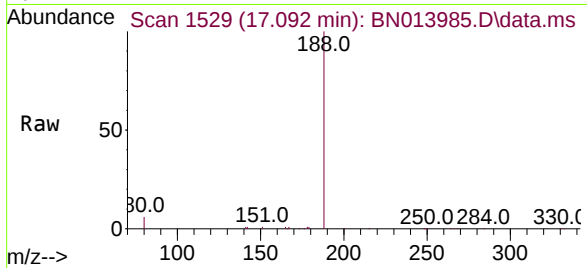




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

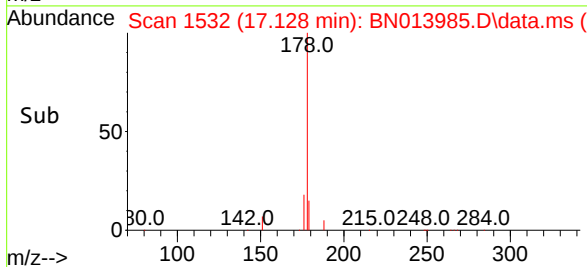
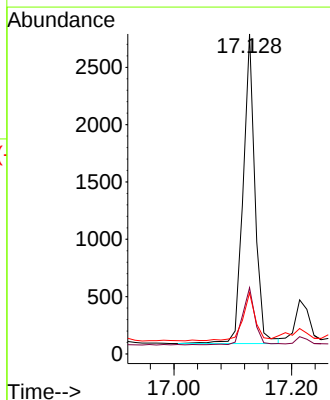
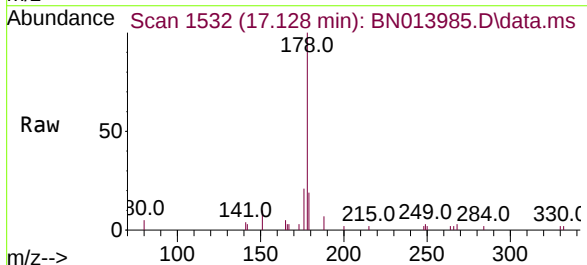
Instrument :
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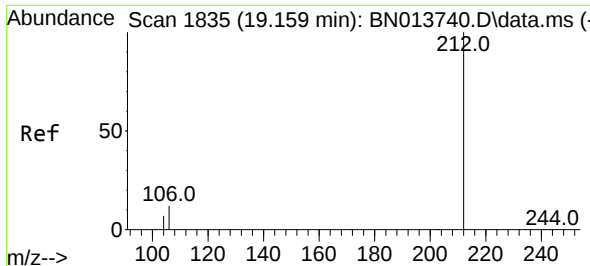
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	9.0	13.6



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.8	12.3	18.5

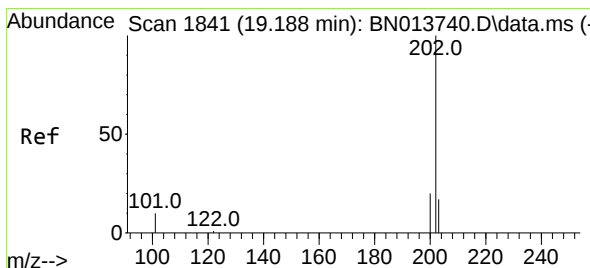
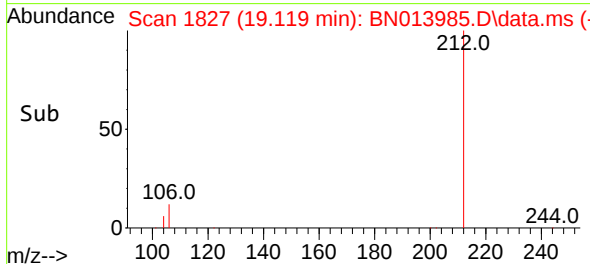
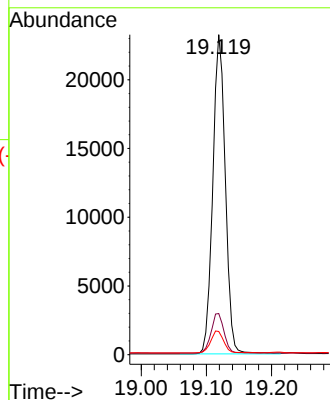
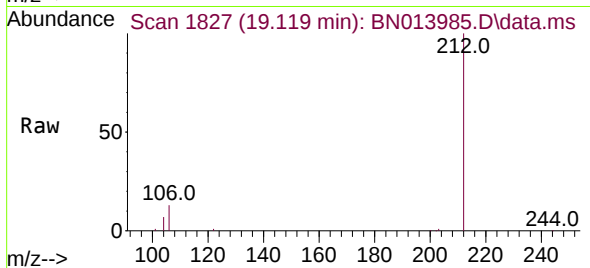




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

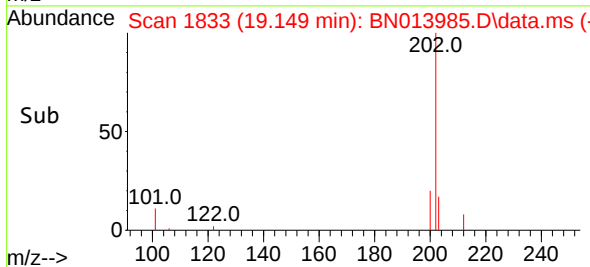
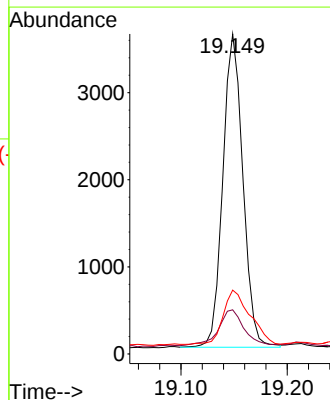
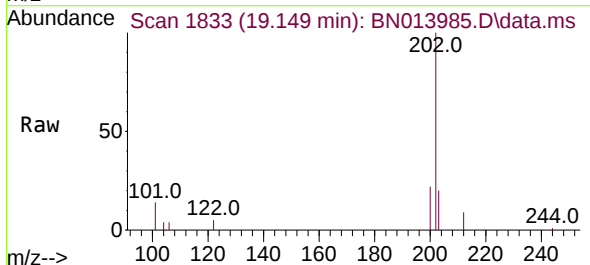
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

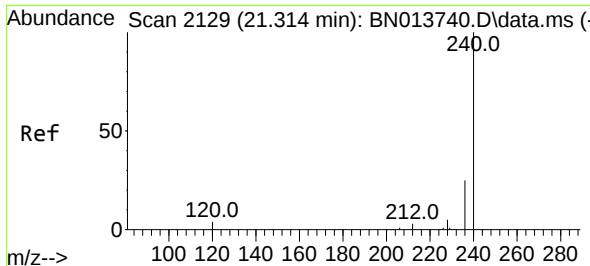
Tgt Ion:212 Resp: 31083
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.2 5.5 8.3



#28
Fluoranthene
Concen: 0.05 ng
RT: 19.149 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:202 Resp: 4706
Ion Ratio Lower Upper
202 100
101 14.5 8.1 12.1#
203 23.0 13.9 20.9#

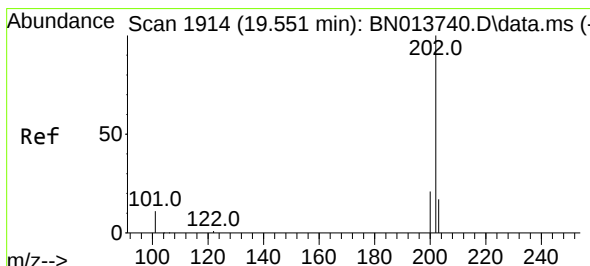
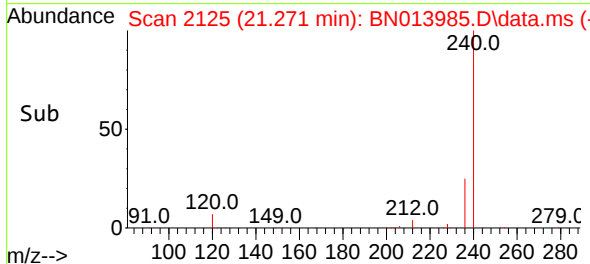
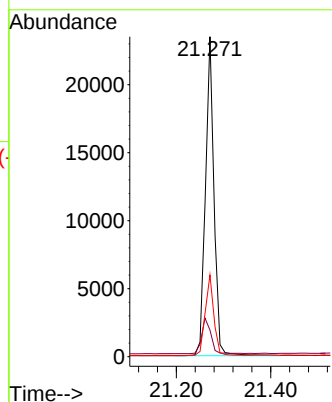
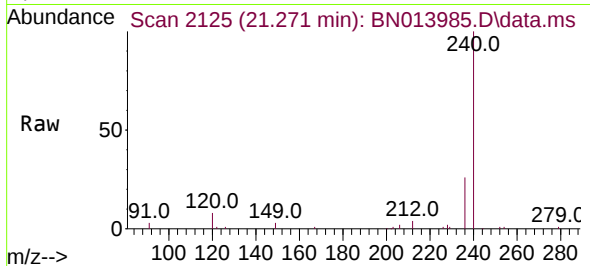




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

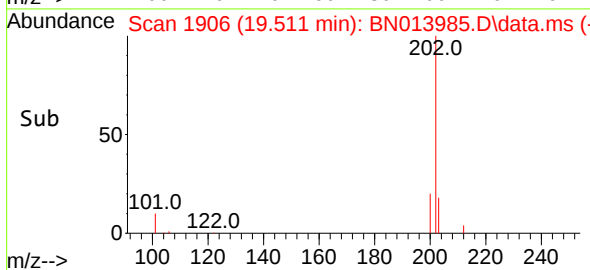
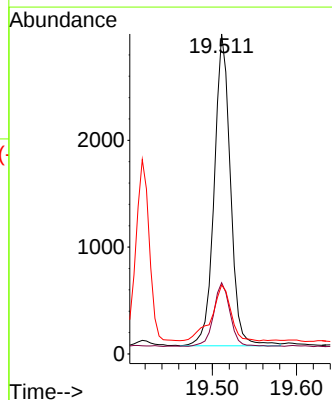
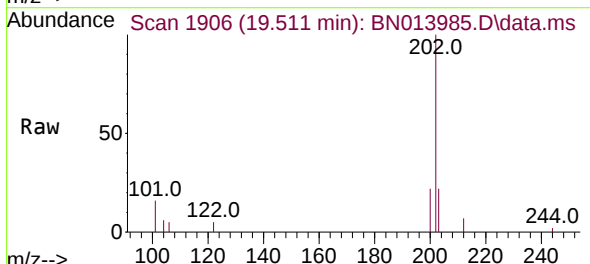
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

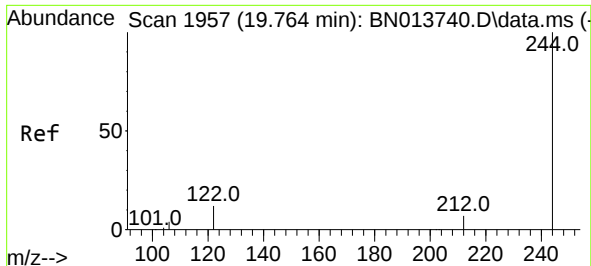
Tgt Ion:240 Resp: 29531
Ion Ratio Lower Upper
240 100
120 8.3 10.2 15.4#
236 25.6 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.511 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

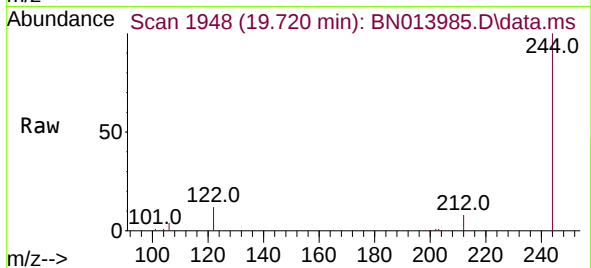
Tgt Ion:202 Resp: 3902
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 21.2 14.0 21.0#



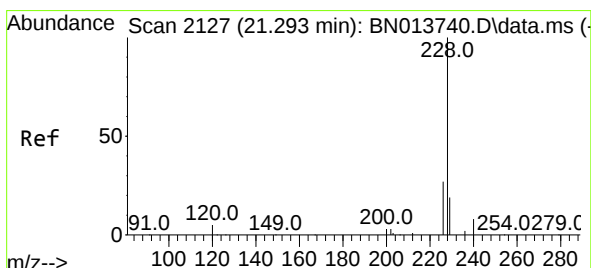
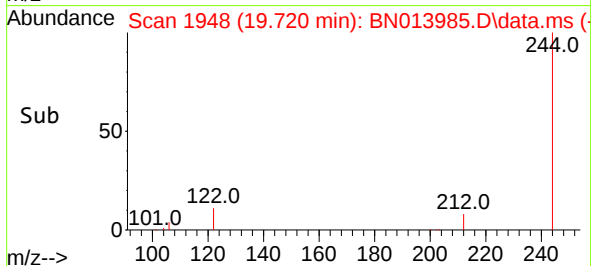
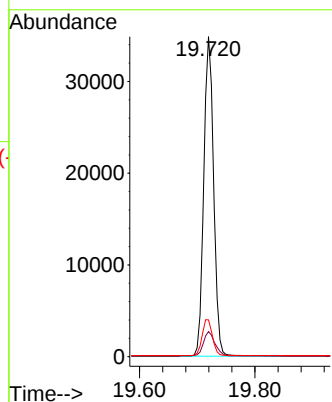


#31
Terphenyl-d14
Concen: 0.63 ng
RT: 19.720 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

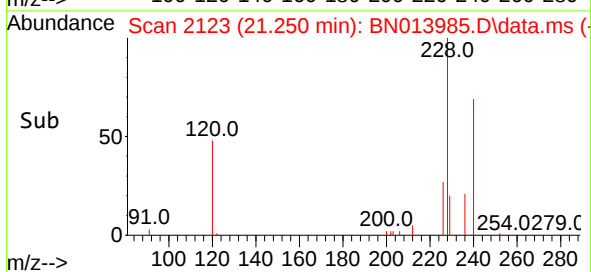
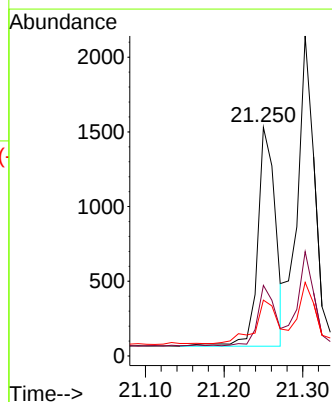
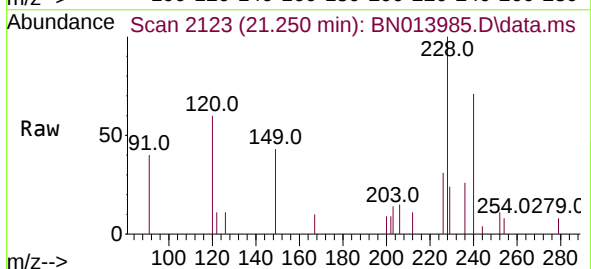


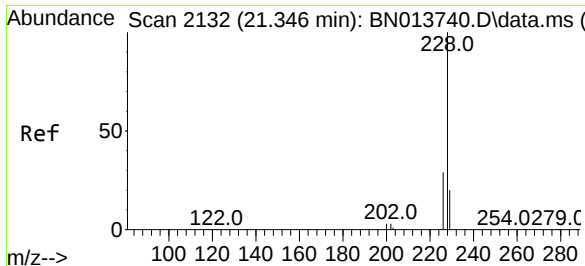
Tgt Ion:244 Resp: 41220
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 11.5 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:228 Resp: 2298
Ion Ratio Lower Upper
228 100
226 30.9 20.5 30.7#
229 24.4 16.2 24.4#

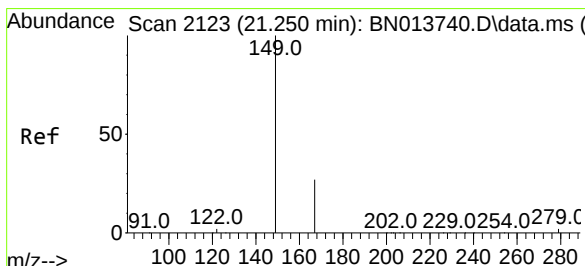
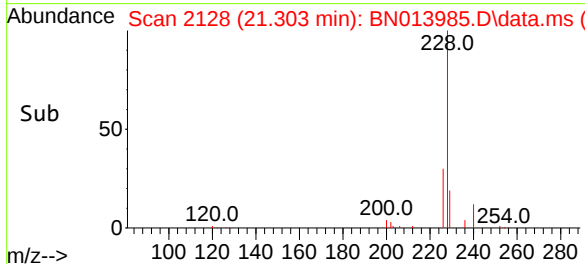
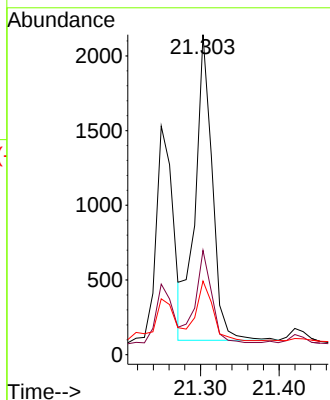
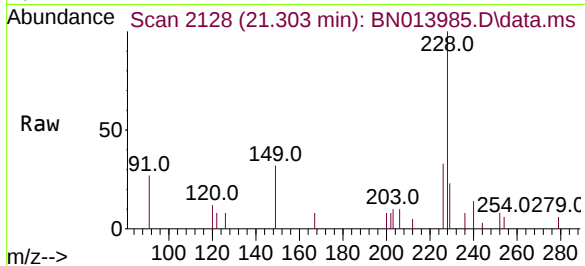




#33
Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

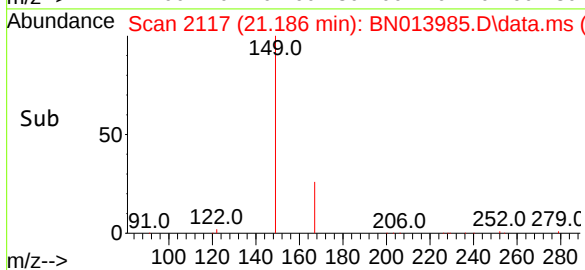
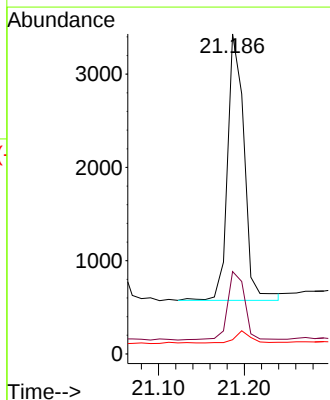
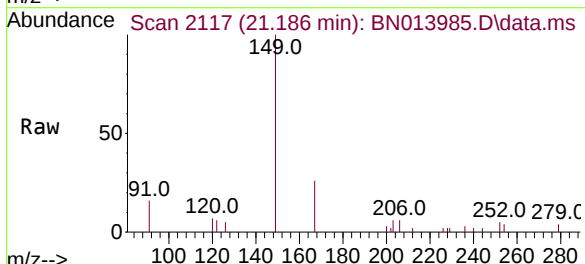
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

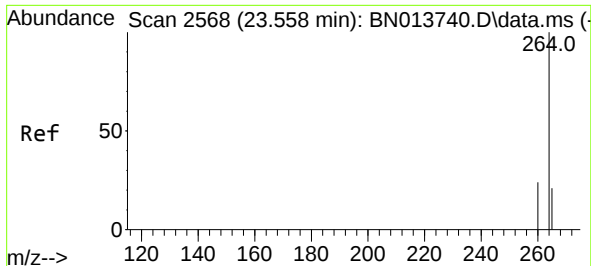
Tgt Ion:	228	Resp:	3080
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.3	36.5
229	23.0	15.1	22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

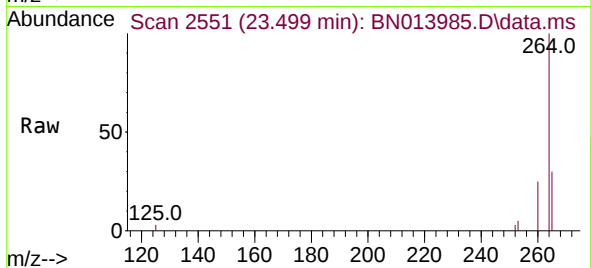
Tgt Ion:	149	Resp:	3840
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.1	33.1
279	4.1	3.5	5.3



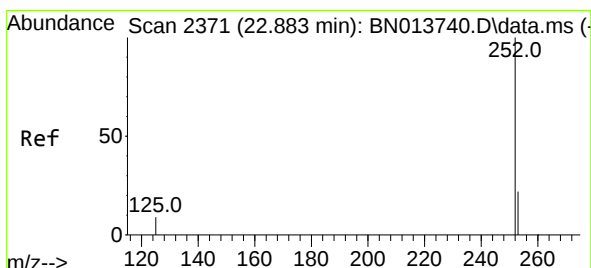
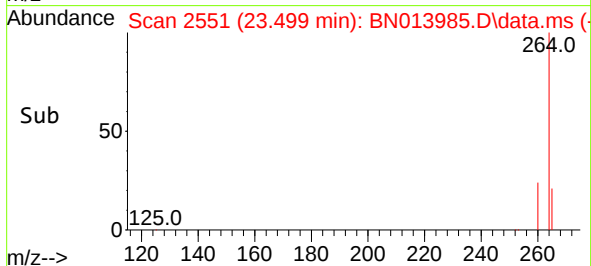
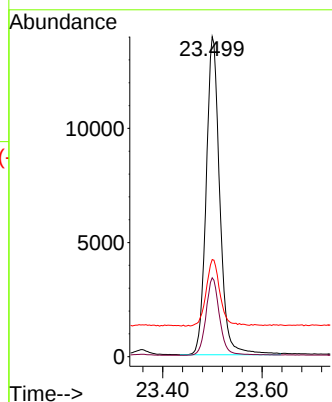


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.499 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721

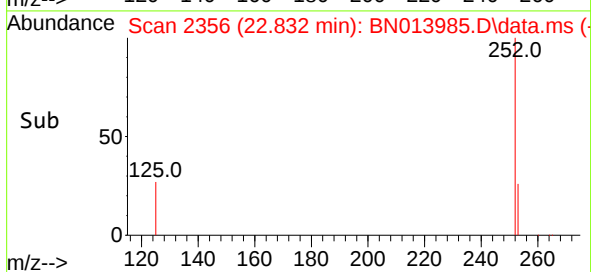
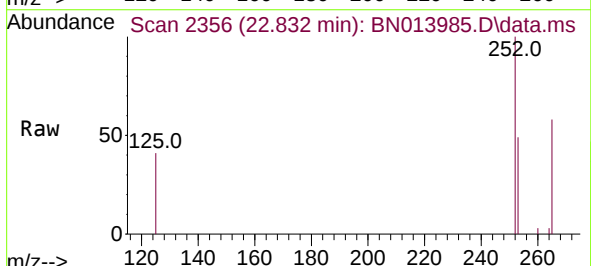
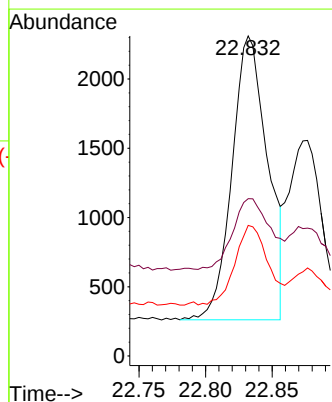


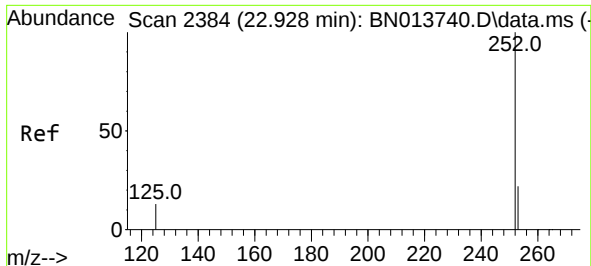
Tgt Ion:264 Resp: 26542
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 30.3 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 22.832 min Scan# 2356
 Delta R.T. 0.003 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

Tgt Ion:252 Resp: 3817
 Ion Ratio Lower Upper
 252 100
 253 49.2 20.4 30.6#
 125 40.8 11.6 17.4#

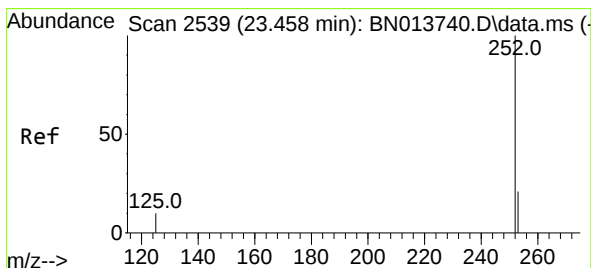
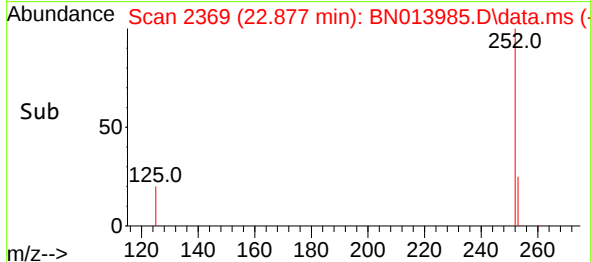
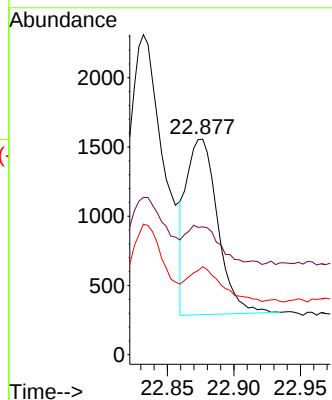
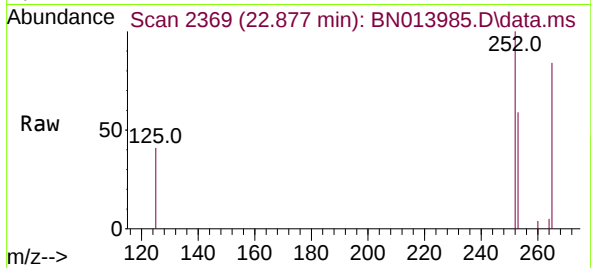




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.877 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

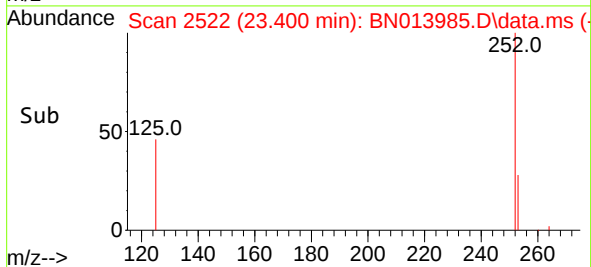
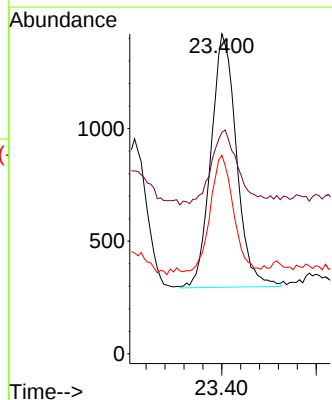
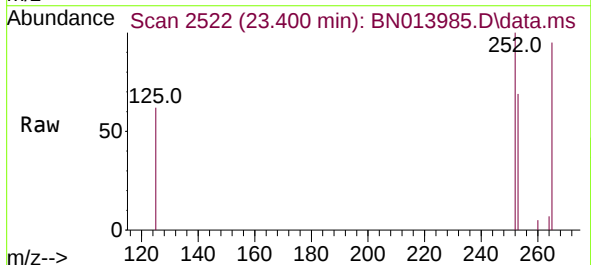
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

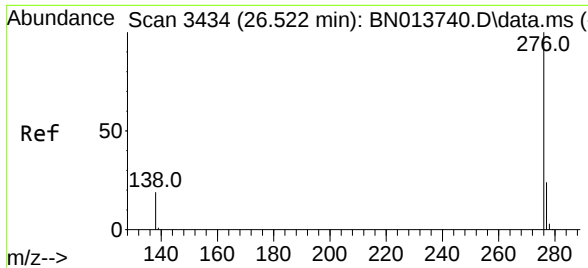
Tgt Ion:252 Resp: 2072
Ion Ratio Lower Upper
252 100
253 59.3 20.5 30.7#
125 40.8 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.400 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

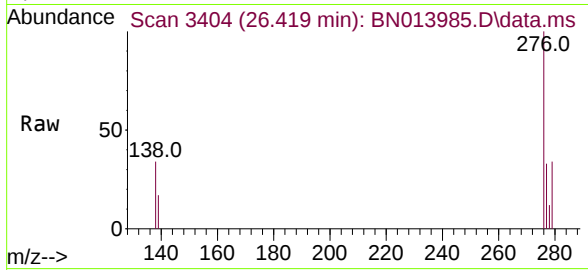
Tgt Ion:252 Resp: 2110
Ion Ratio Lower Upper
252 100
253 69.2 21.8 32.6#
125 62.0 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.419 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721



Tgt Ion: 276 Resp: 1740
Ion Ratio Lower Upper
276 100
277 33.3 20.0 30.0#
138 34.2 17.8 26.8#

