

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
 Data File : BN018702.D
 Acq On : 23 Feb 2022 17:55
 Operator : CG/JU
 Sample : N1481-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7B-GW-20220209

Quant Time: Feb 24 01:36:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 16:23:51 2022
 Response via : Initial Calibration

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

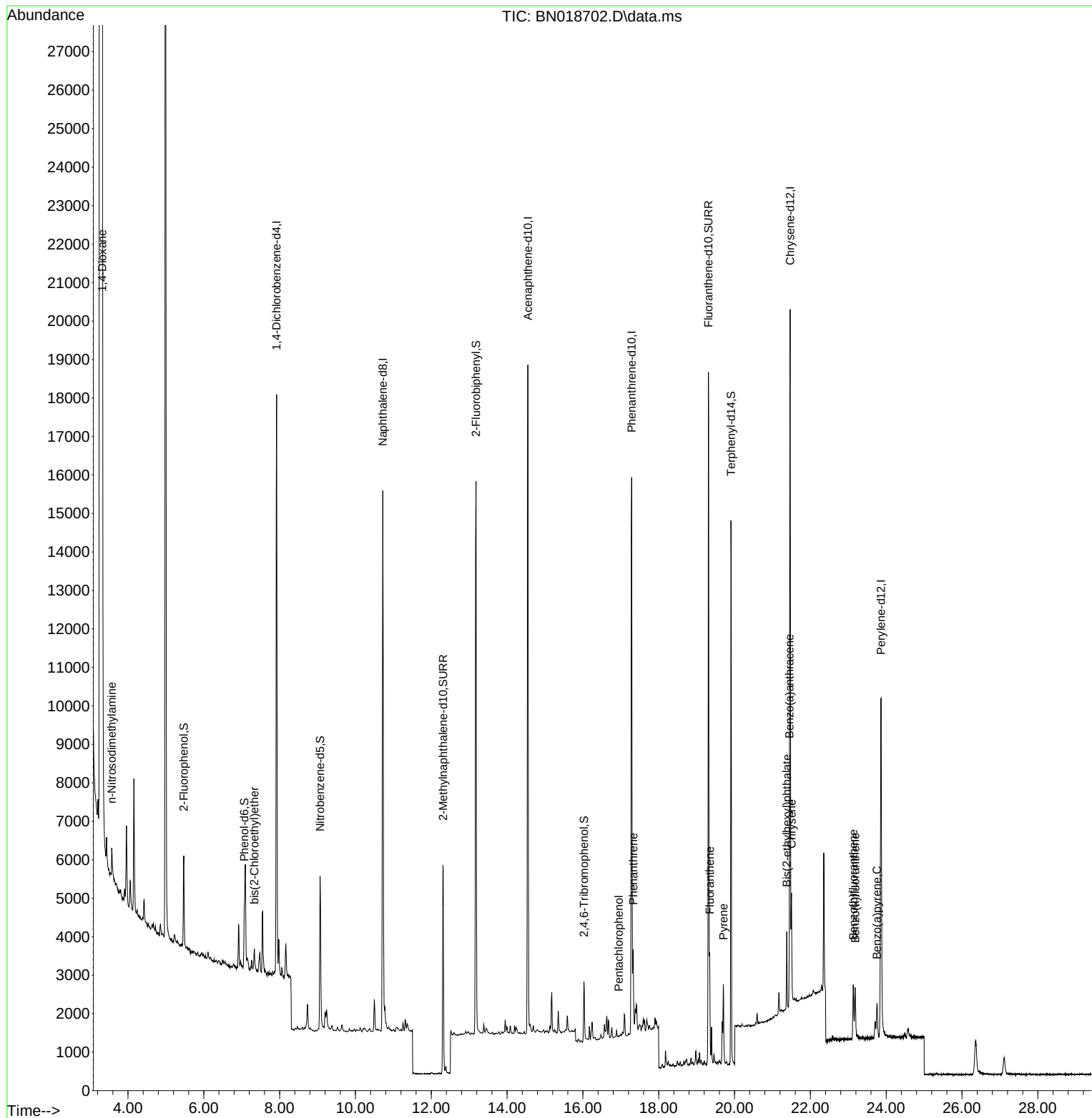
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	7247	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	18632	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	10114	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	21282	0.400	ng	0.00
29) Chrysene-d12	21.467	240	16504	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	12896	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2039	0.123	ng	0.00
5) Phenol-d6	7.067	99	1468	0.077	ng	0.00
8) Nitrobenzene-d5	9.067	82	3741	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	7535	0.268	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	989	0.250	ng	0.00
15) 2-Fluorobiphenyl	13.180	172	13353	0.279	ng	0.00
27) Fluoranthene-d10	19.312	212	19528	0.338	ng	0.00
31) Terphenyl-d14	19.906	244	15198	0.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	29669	3.526	ng	# 57
3) n-Nitrosodimethylamine	3.572	42	253	0.030	ng	# 1
6) bis(2-Chloroethyl)ether	7.334	93	444	0.023	ng	97
24) Pentachlorophenol	16.949	266	13	0.157	ng	# 19
25) Phenanthrene	17.328	178	2161	0.030	ng	99
28) Fluoranthene	19.345	202	2252	0.030	ng	# 95
30) Pyrene	19.704	202	1878	0.025	ng	96
32) Benzo(a)anthracene	21.449	228	1811	0.029	ng	93
33) Chrysene	21.503	228	2362	0.034	ng	95
34) Bis(2-ethylhexyl)phtha...	21.378	149	1814	0.071	ng	95
37) Benzo(b)fluoranthene	23.133	252	1801	0.031	ng	# 41
38) Benzo(k)fluoranthene	23.182	252	1748	0.030	ng	# 45
39) Benzo(a)pyrene	23.758	252	1319	0.028	ng	# 14

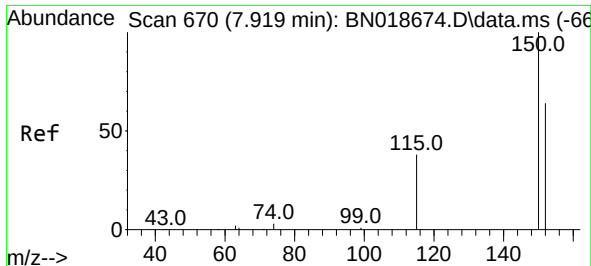
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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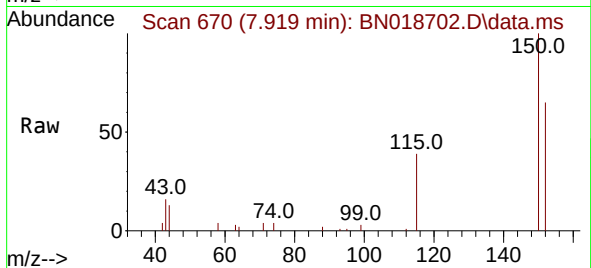
Quant Time: Feb 24 01:36:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
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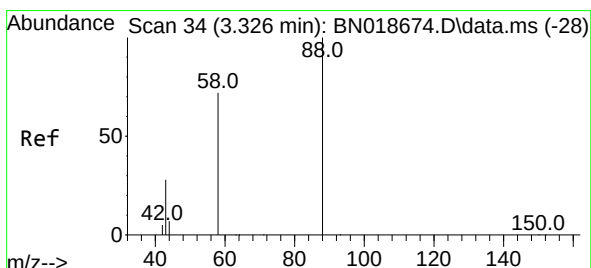
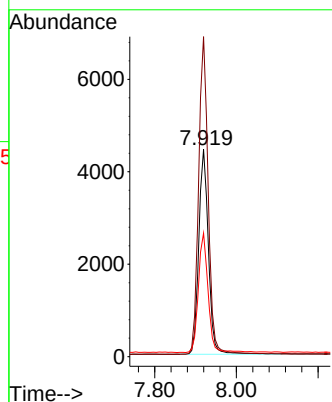
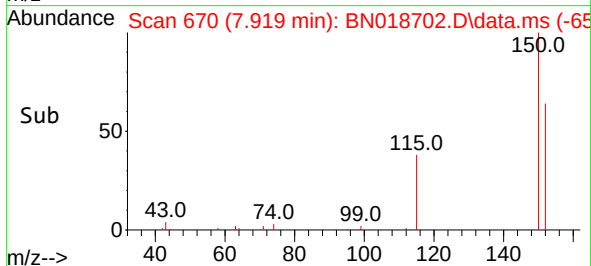


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

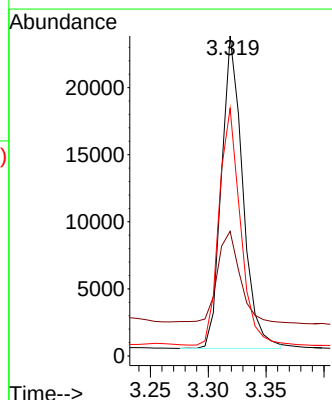
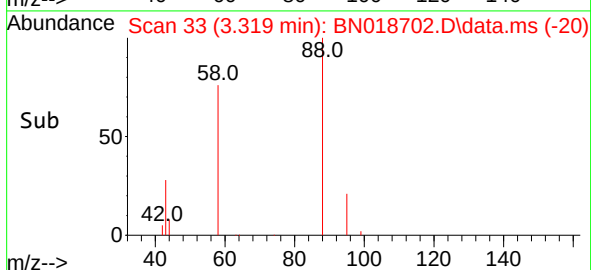
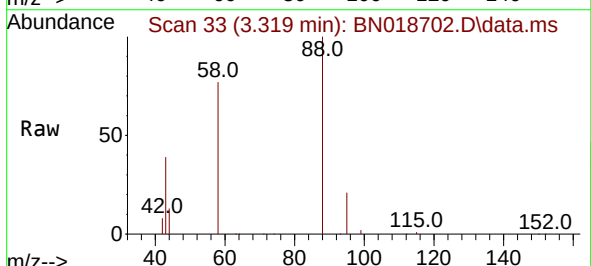


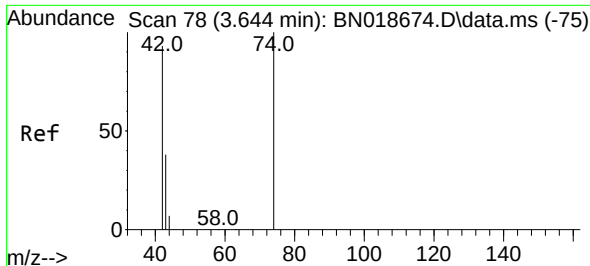
Tgt Ion:152 Resp: 7247
Ion Ratio Lower Upper
152 100
150 154.5 121.7 182.5
115 59.7 43.8 65.8



#2
1,4-Dioxane
Concen: 3.526 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 88 Resp: 29669
Ion Ratio Lower Upper
88 100
43 30.4 69.7 104.5#
58 76.1 83.8 125.8#

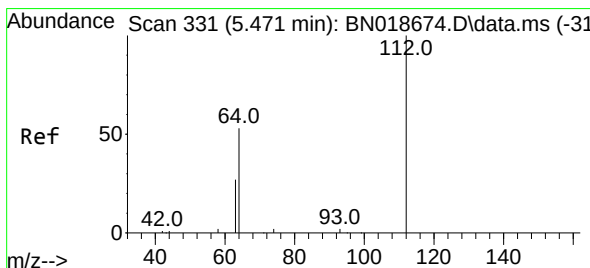
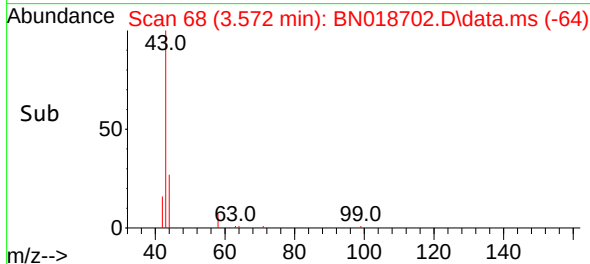
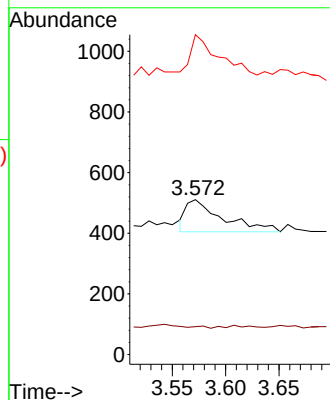
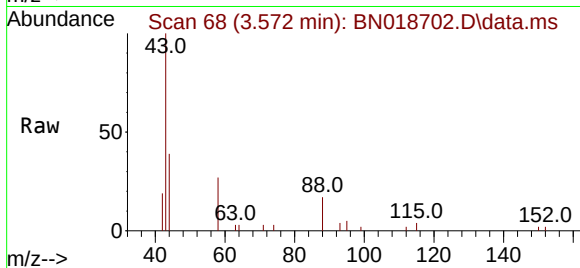




#3
 n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.572 min Scan# 61
 Delta R.T. -0.072 min
 Lab File: BN018702.D
 Acq: 23 Feb 2022 17:55

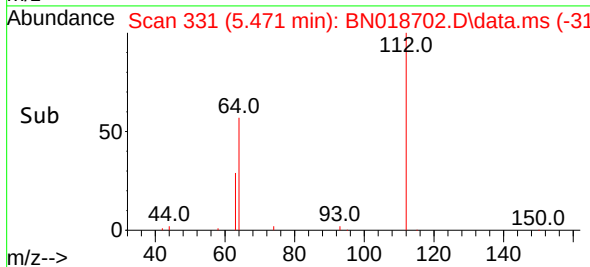
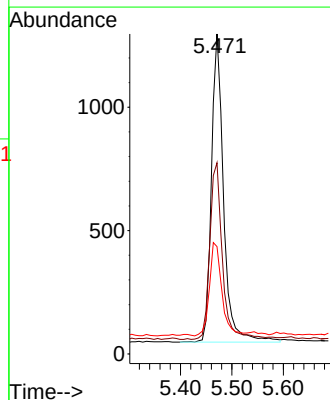
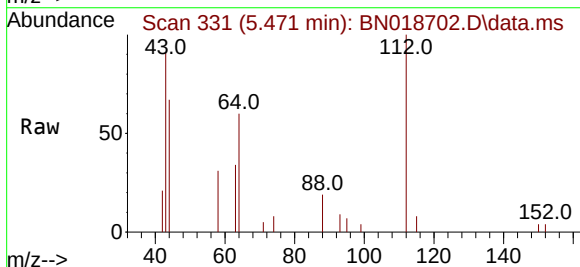
Instrument :
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 ClientSampleId :
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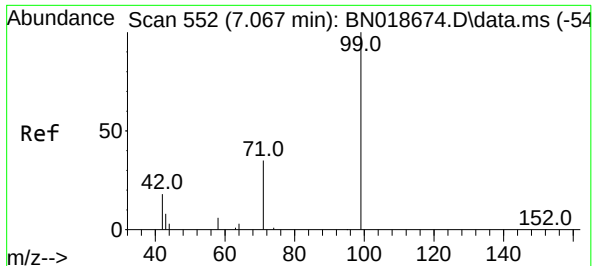
Tgt Ion: 42 Resp: 253
 Ion Ratio Lower Upper
 42 100
 74 0.0 108.6 163.0#
 44 97.2 5.8 8.8#



#4
 2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.471 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: BN018702.D
 Acq: 23 Feb 2022 17:55

Tgt Ion: 112 Resp: 2039
 Ion Ratio Lower Upper
 112 100
 64 60.2 48.0 72.0
 63 31.2 25.3 37.9

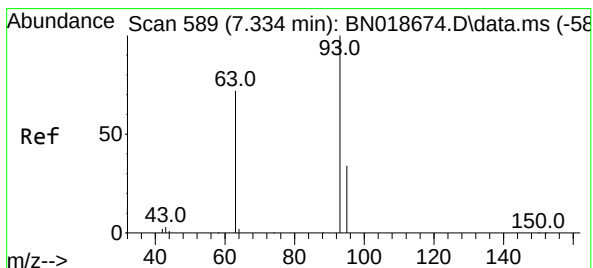
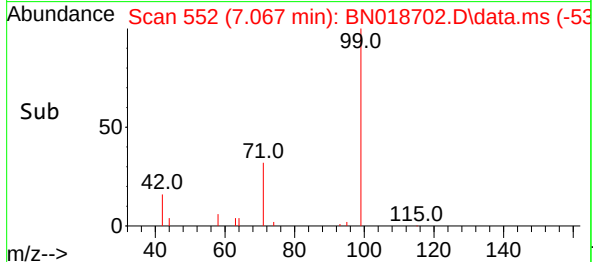
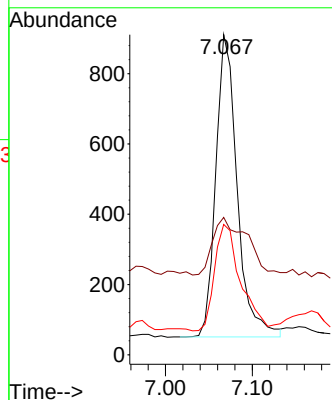
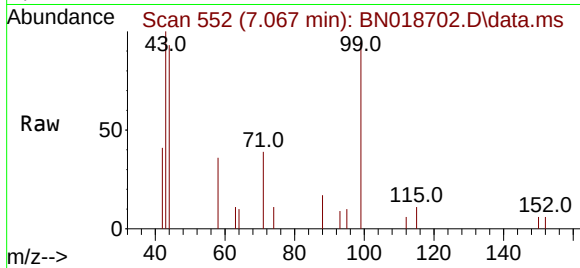




#5
Phenol-d6
Concen: 0.077 ng
RT: 7.067 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

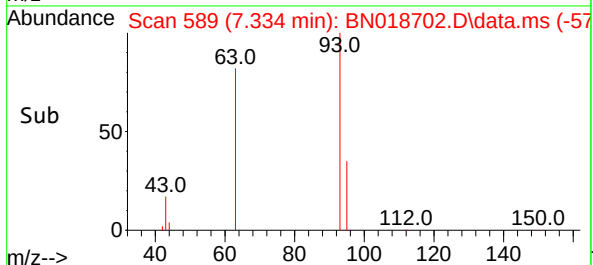
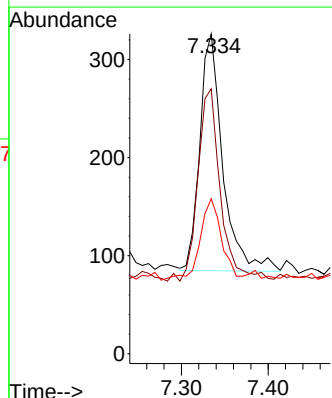
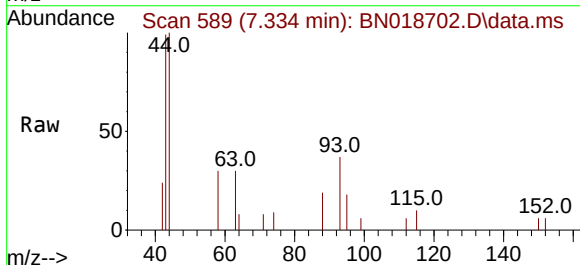
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

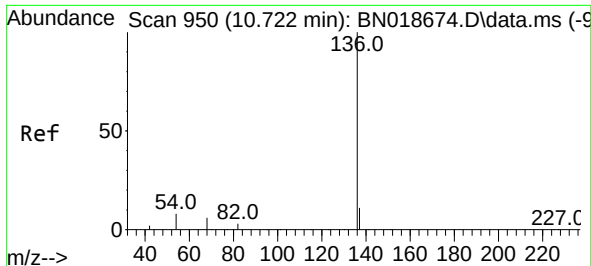
Tgt Ion: 99 Resp: 1468
Ion Ratio Lower Upper
99 100
42 30.4 16.3 24.5#
71 43.3 26.8 40.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.334 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 93 Resp: 444
Ion Ratio Lower Upper
93 100
63 80.6 61.7 92.5
95 32.9 26.2 39.4

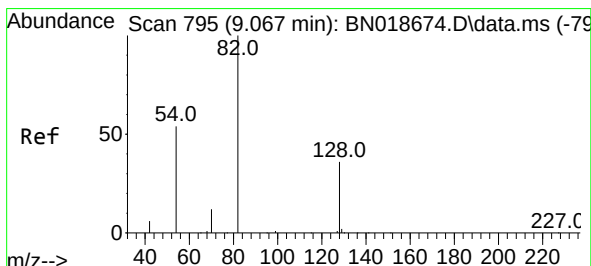
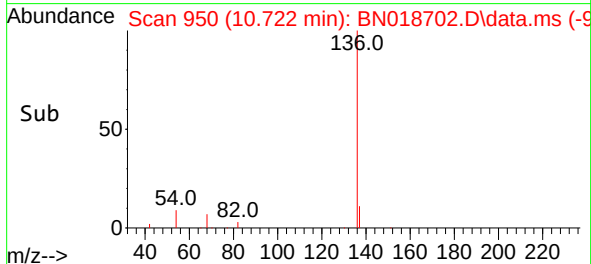
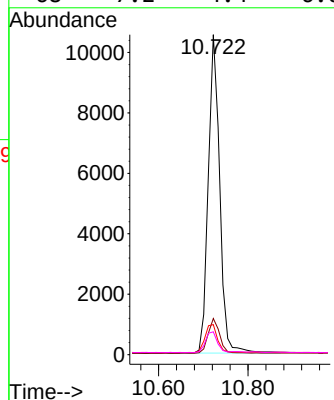
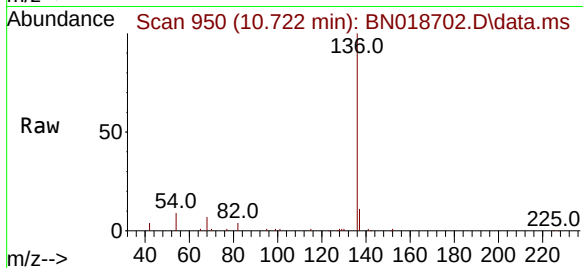




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

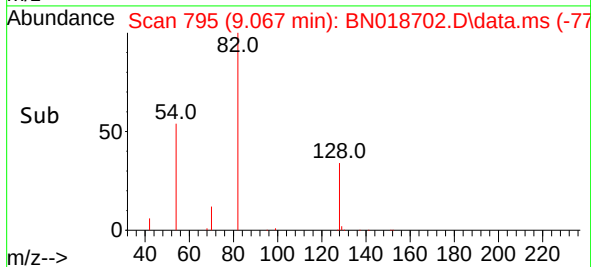
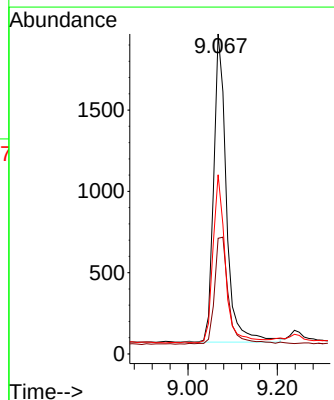
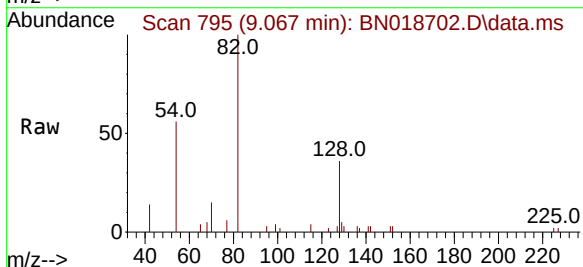
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

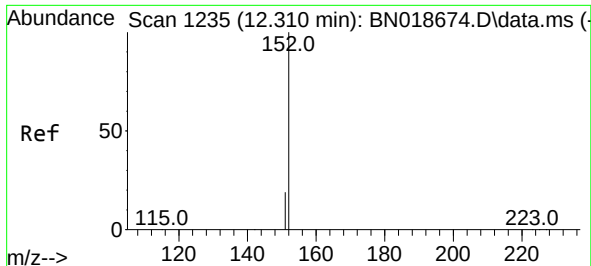
Tgt Ion:	136	Resp:	18632
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	9.4	5.0	7.6#
68	7.2	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 9.067 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:	82	Resp:	3741
Ion Ratio	Lower	Upper	
82	100		
128	36.1	33.7	50.5
54	56.0	36.6	55.0#

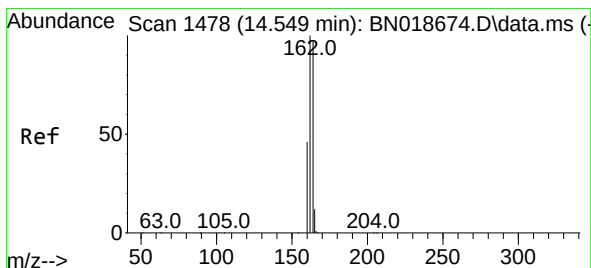
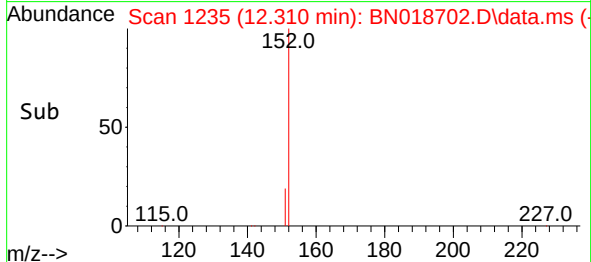
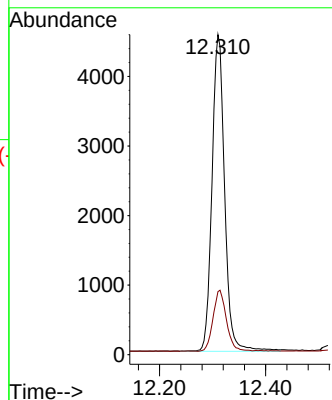
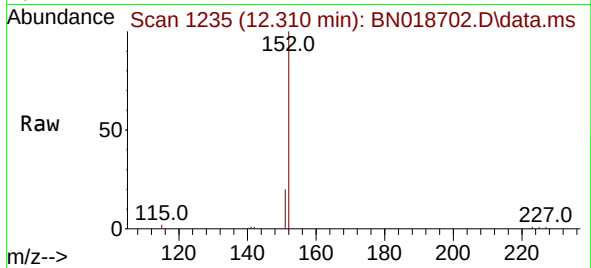




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

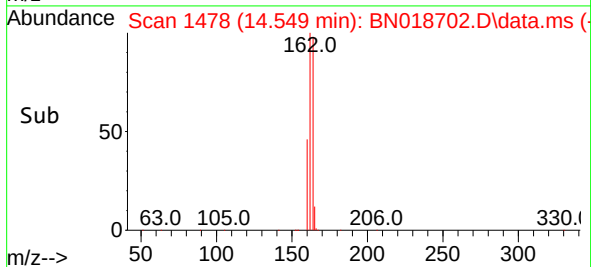
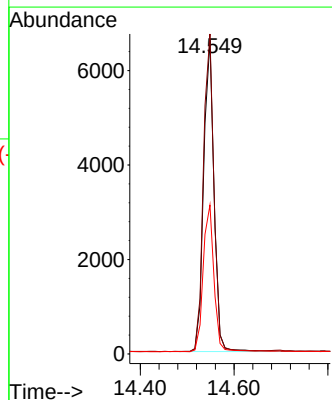
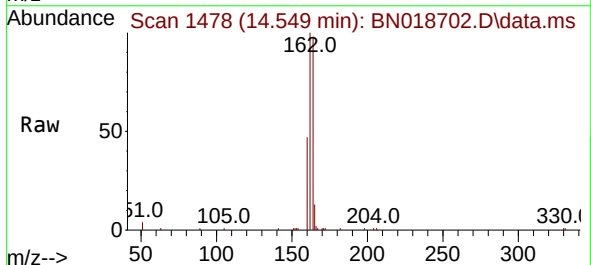
Instrument :
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ClientSampleId :
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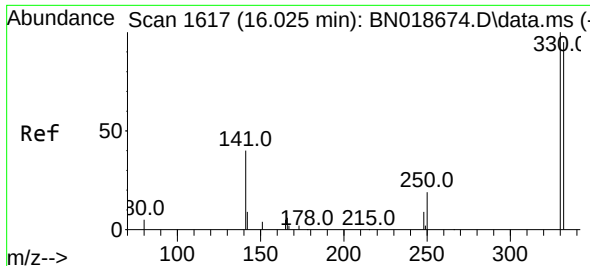
Tgt Ion:152 Resp: 7535
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:164 Resp: 10114
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 47.5 36.9 55.3

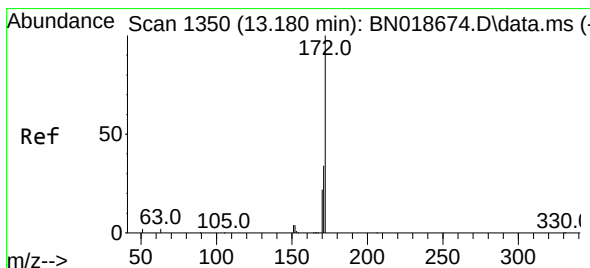
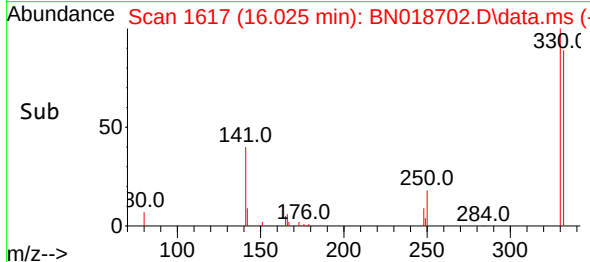
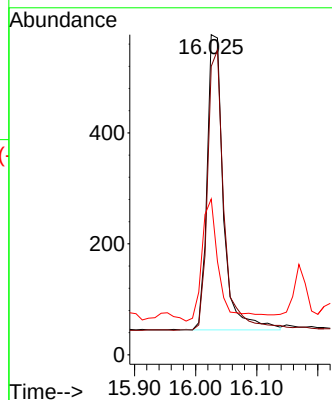
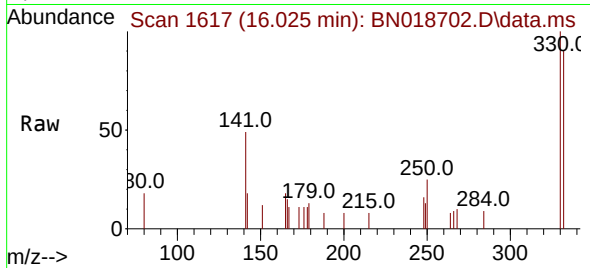




#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 16.025 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

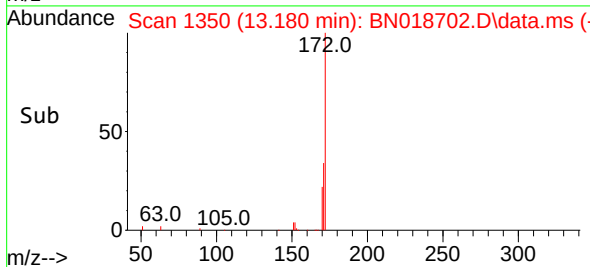
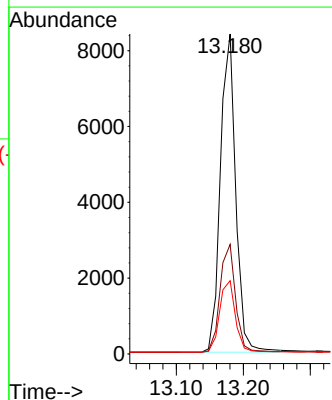
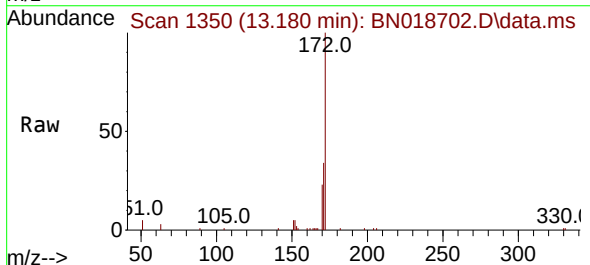
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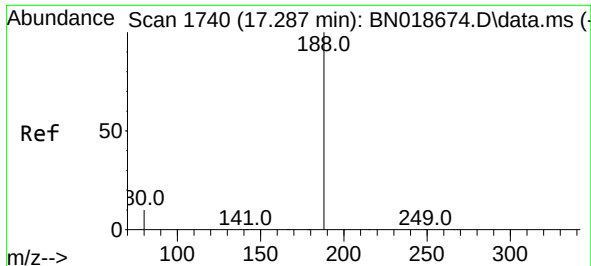
Tgt Ion:330 Resp: 989
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 44.3 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.180 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:172 Resp: 13353
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 22.9 18.4 27.6

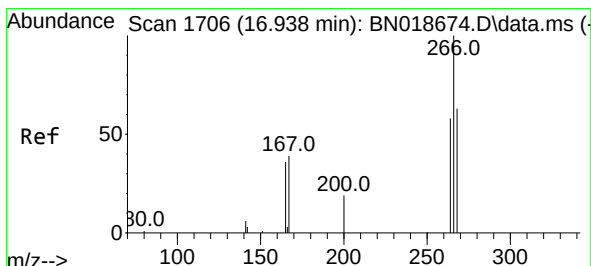
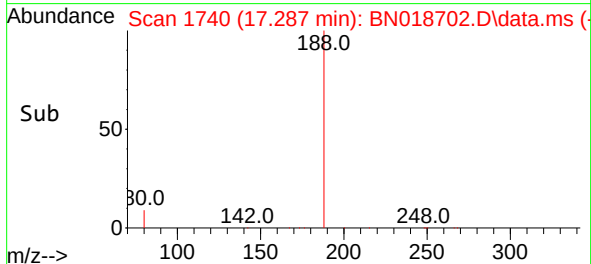
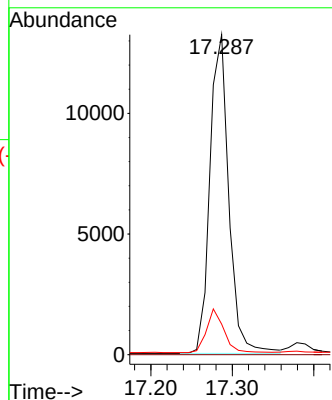
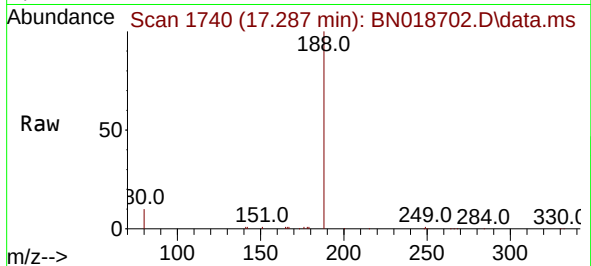




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

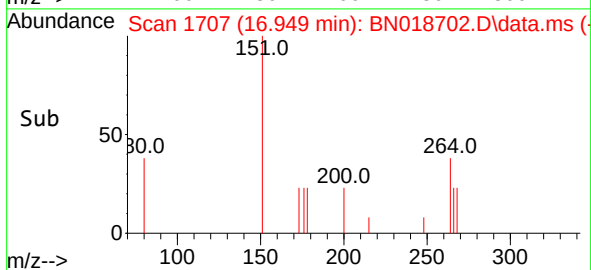
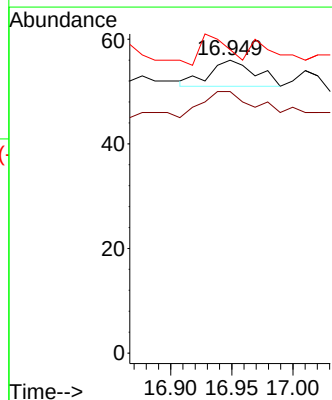
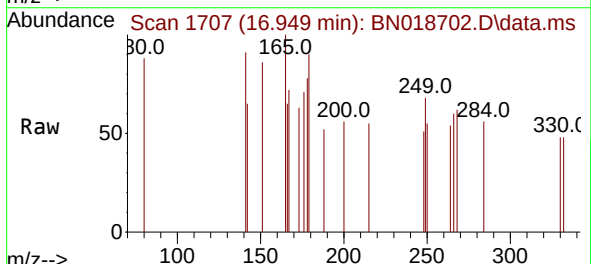
Instrument :
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RW7B-GW-20220209

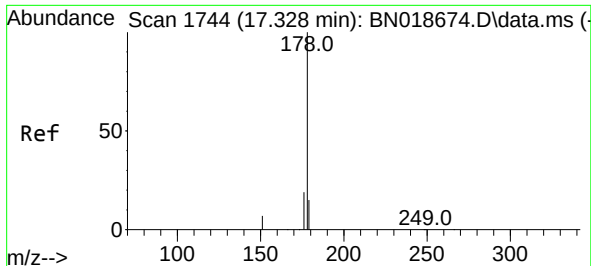
Tgt Ion:188 Resp: 21282
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.0 10.4



#24
Pentachlorophenol
Concen: 0.157 ng
RT: 16.949 min Scan# 1707
Delta R.T. 0.011 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 0.0 49.5 74.3#
268 0.0 50.6 76.0#

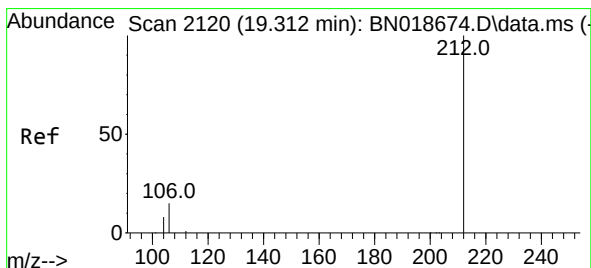
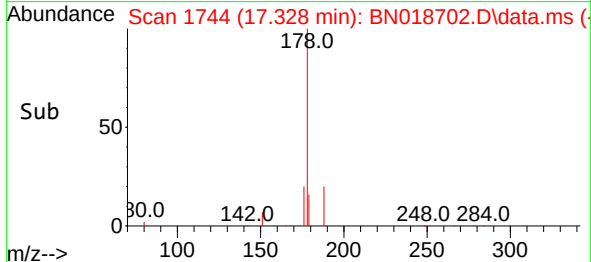
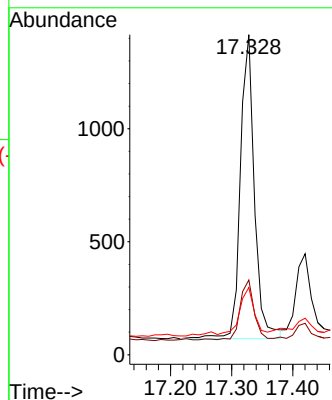
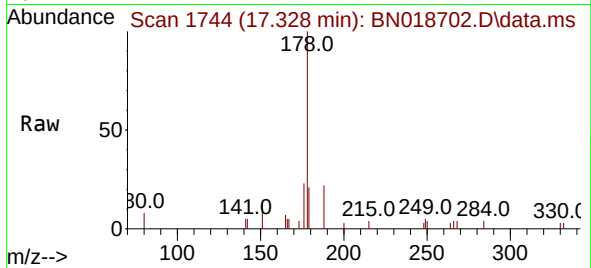




#25
Phenanthrene
Concen: 0.030 ng
RT: 17.328 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

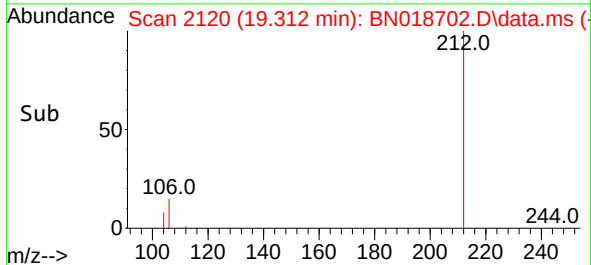
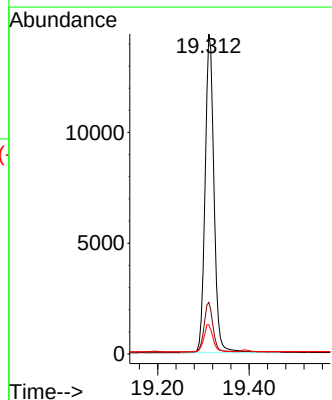
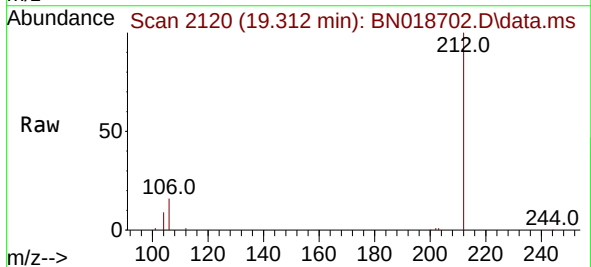
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

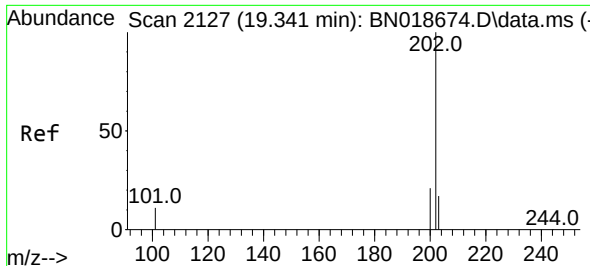
Tgt Ion:	178	Resp:	2161
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.3	22.9
179	15.5	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.312 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:	212	Resp:	19528
Ion Ratio	Lower	Upper	
212	100		
106	15.5	8.4	12.6#
104	9.0	4.5	6.7#

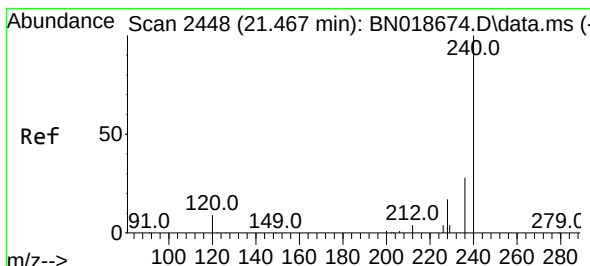
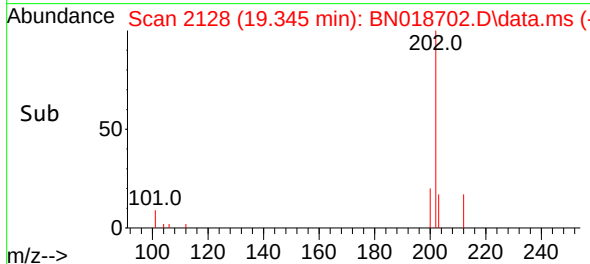
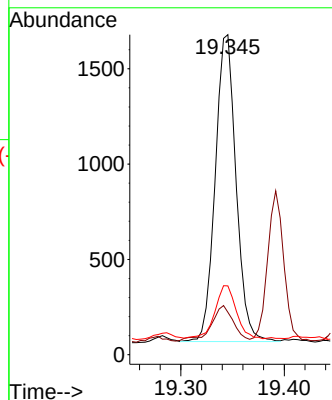
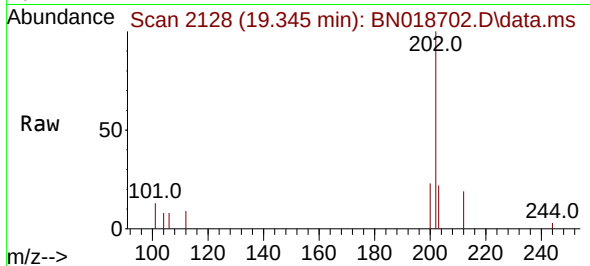




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.345 min Scan# 2127
Delta R.T. 0.004 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

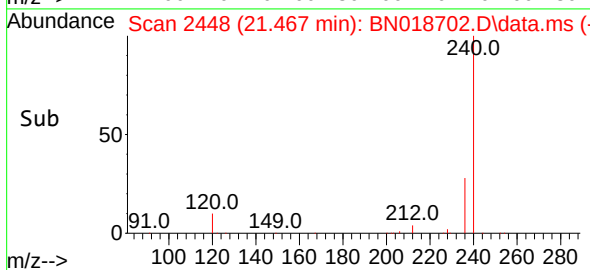
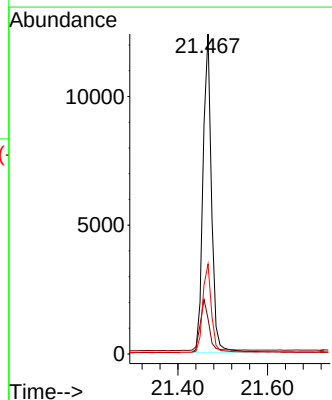
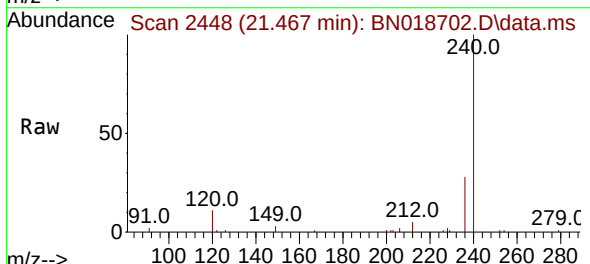
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

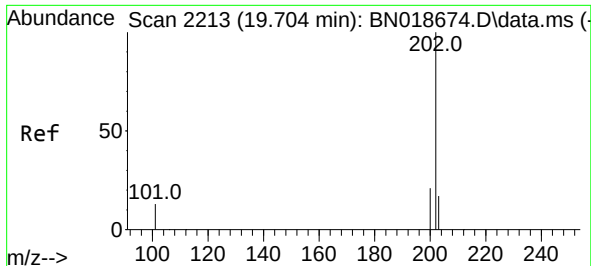
Tgt Ion:202 Resp: 2252
Ion Ratio Lower Upper
202 100
101 12.4 7.2 10.8#
203 18.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.467 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:240 Resp: 16504
Ion Ratio Lower Upper
240 100
120 11.0 6.0 9.0#
236 28.1 21.4 32.2

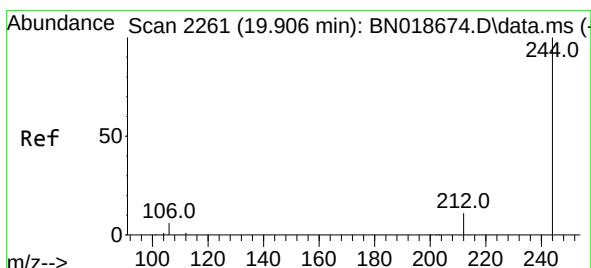
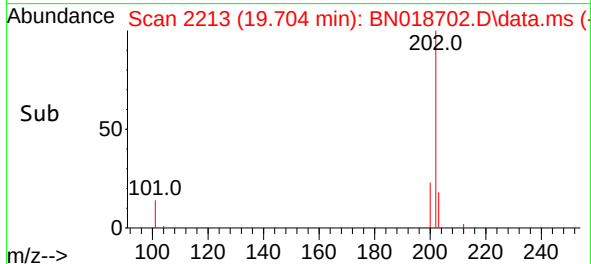
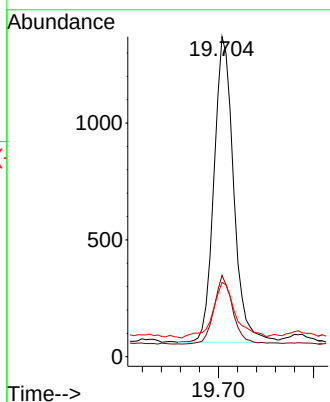
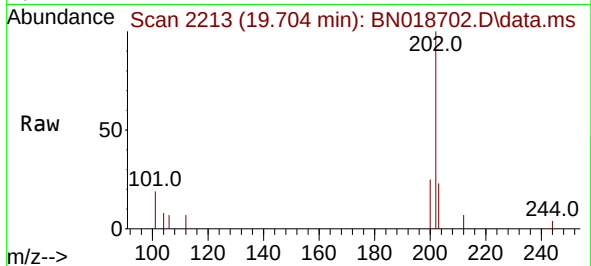




#30
Pyrene
Concen: 0.025 ng
RT: 19.704 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

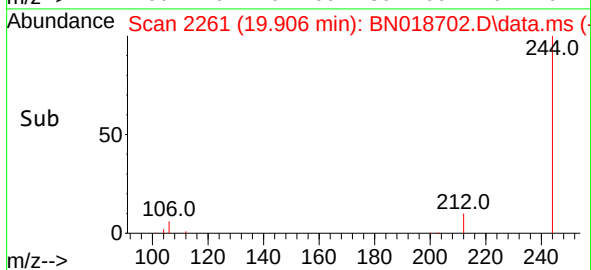
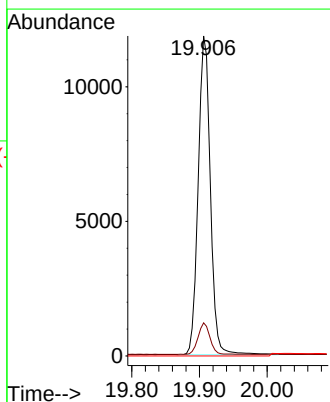
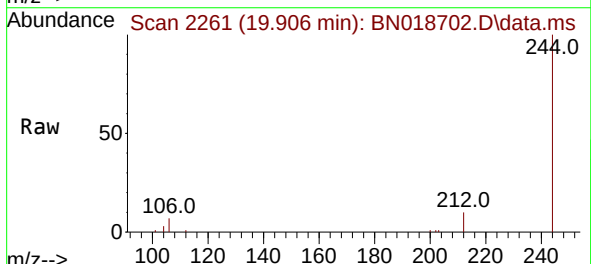
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

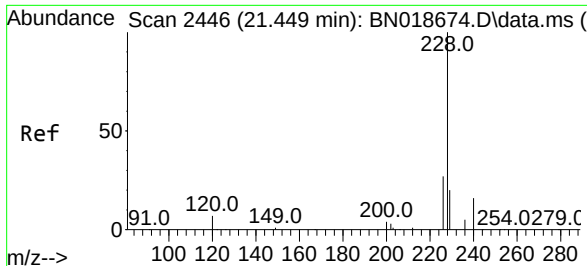
Tgt Ion:	202	Resp:	1878
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	20.9	14.1	21.1



#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.906 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:	244	Resp:	15198
Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.2	9.2#
122	0.0	7.9	11.9#

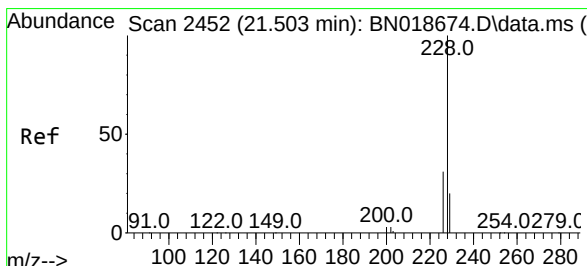
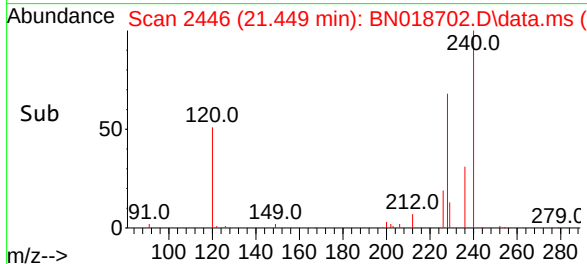
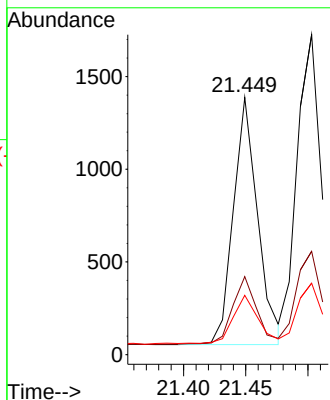
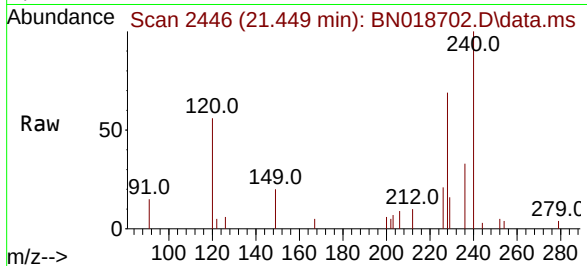




#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

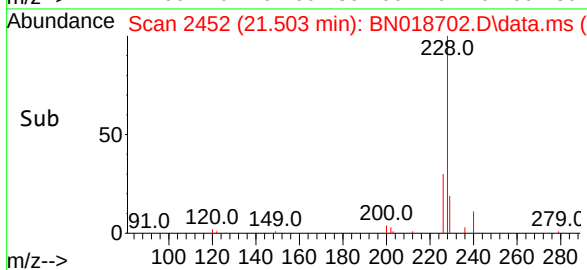
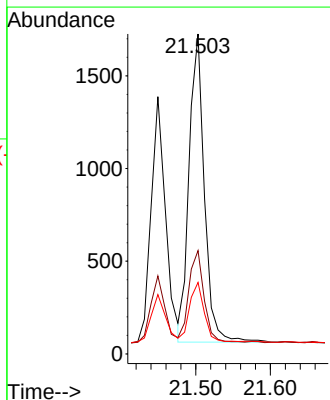
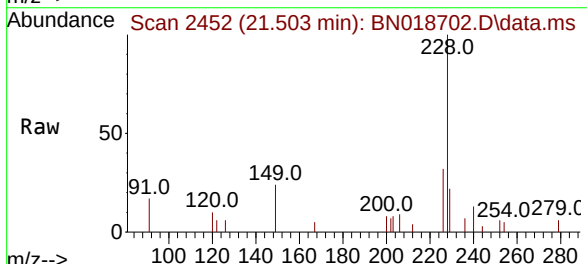
Instrument :
BNA_N
ClientSampleId :
RW7B-GW-20220209

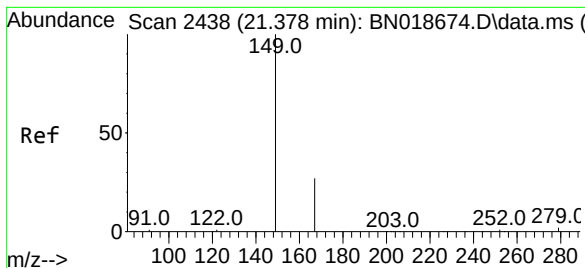
Tgt Ion:	228	Resp:	1811
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.3	31.9
229	23.1	15.9	23.9



#33
Chrysene
Concen: 0.034 ng
RT: 21.503 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BN018702.D
Acq: 23 Feb 2022 17:55

Tgt Ion:	228	Resp:	2362
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.2	36.4
229	22.4	15.5	23.3

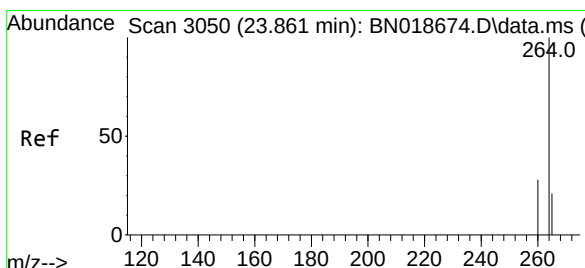
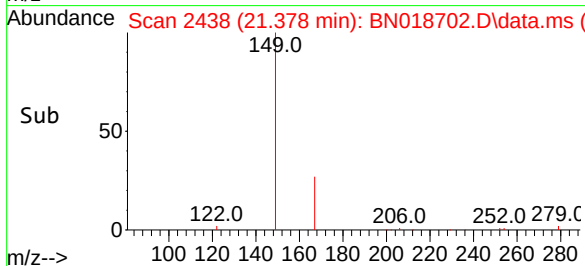
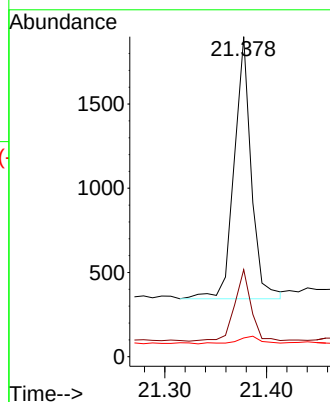
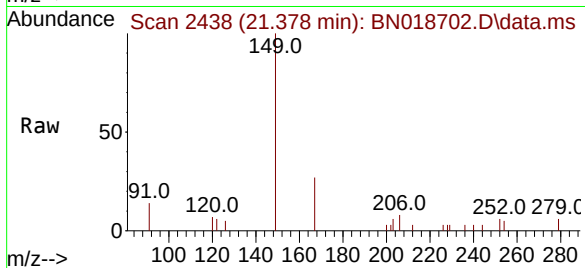




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.378 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BN018702.D
 Acq: 23 Feb 2022 17:55

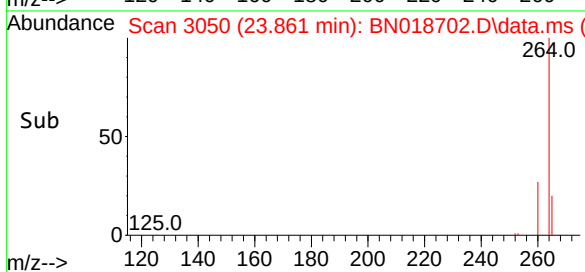
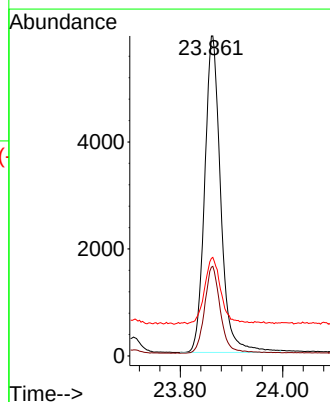
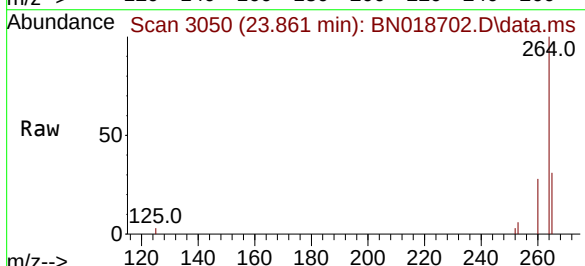
Instrument :
 BNA_N
 ClientSampleId :
 RW7B-GW-20220209

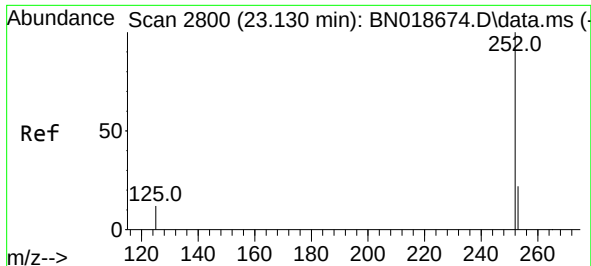
Tgt Ion:	149	Resp:	1814
Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.7	35.5
279	4.1	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.861 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: BN018702.D
 Acq: 23 Feb 2022 17:55

Tgt Ion:	264	Resp:	12896
Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.2	30.4
265	30.5	18.2	27.2





#37

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 23.133 min Scan# 2800

Delta R.T. 0.003 min

Lab File: BN018702.D

Acq: 23 Feb 2022 17:55

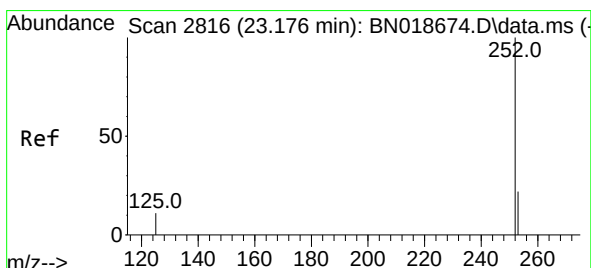
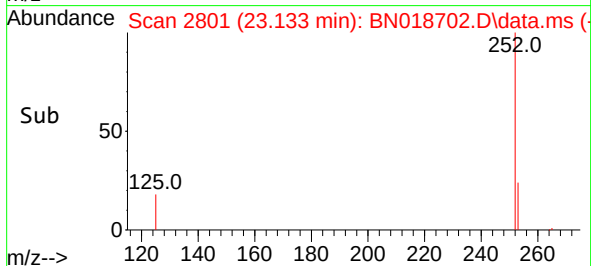
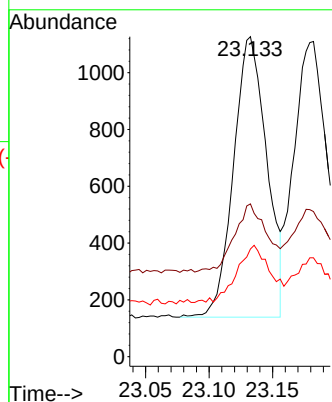
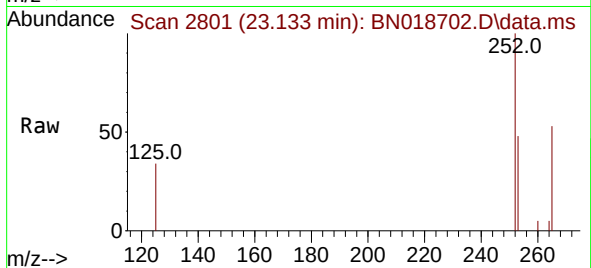
Instrument :

BN018702.D

ClientSampleId :

RW7B-GW-20220209

Tgt Ion:252	Resp:	1801
Ion Ratio	Lower	Upper
252	100	
253	47.7	17.8 26.6#
125	33.6	6.0 9.0#



#38

Benzo(k)fluoranthene

Concen: 0.030 ng

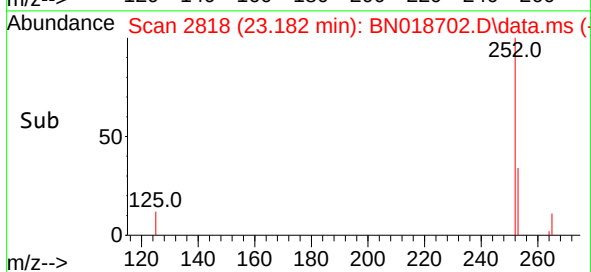
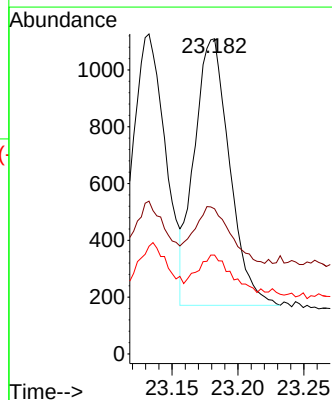
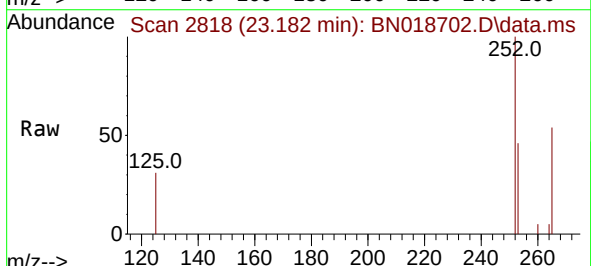
RT: 23.182 min Scan# 2818

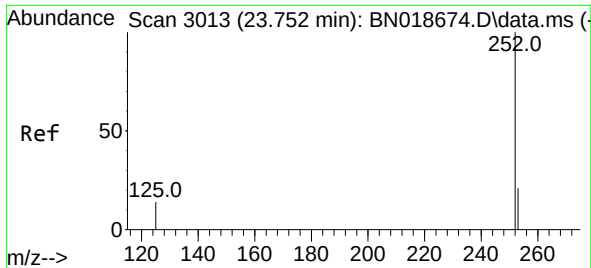
Delta R.T. 0.006 min

Lab File: BN018702.D

Acq: 23 Feb 2022 17:55

Tgt Ion:252	Resp:	1748
Ion Ratio	Lower	Upper
252	100	
253	46.0	17.7 26.5#
125	31.4	6.2 9.2#





#39

Benzo(a)pyrene

Concen: 0.028 ng

RT: 23.758 min Scan# 30

Delta R.T. 0.006 min

Lab File: BN018702.D

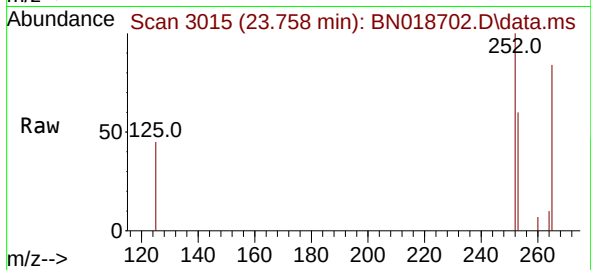
Acq: 23 Feb 2022 17:55

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 1319

Ion Ratio Lower Upper

252 100

253 60.4 17.8 26.6#

125 45.1 7.0 10.4#

