

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030062.D
 Acq On : 26 Feb 2024 17:36
 Operator : MA/JU
 Sample : P1577-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20240221

Quant Time: Feb 26 23:48:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

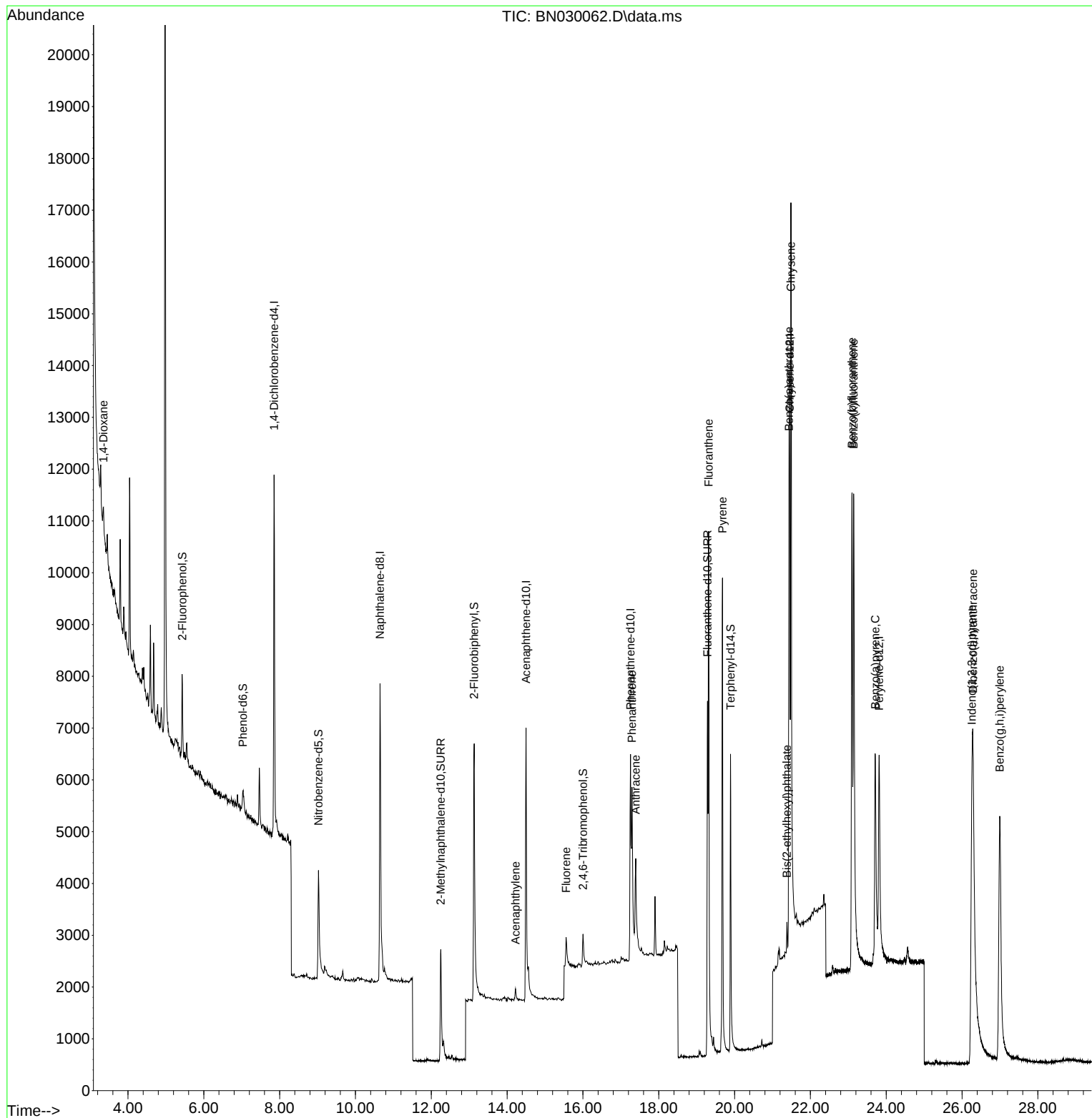
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3814	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9538	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4117	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	8463	0.400	ng	0.00
29) Chrysene-d12	21.452	240	6834	0.400	ng	# 0.00
35) Perylene-d12	23.813	264	7081	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1287	0.140	ng	0.00
5) Phenol-d6	7.031	99	676	0.064	ng	0.00
8) Nitrobenzene-d5	9.025	82	2929	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4618	0.356	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	527	0.399	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	6476	0.366	ng	0.01
27) Fluoranthene-d10	19.285	212	9170	0.447	ng	0.00
31) Terphenyl-d14	19.894	244	6958	0.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	416	0.077	ng	# 58
16) Acenaphthylene	14.222	152	396	0.020	ng	96
18) Fluorene	15.555	166	809	0.049	ng	98
25) Phenanthrene	17.293	178	3987	0.159	ng	99
26) Anthracene	17.392	178	2978	0.140	ng	96
28) Fluoranthene	19.317	202	10674	0.379	ng	99
30) Pyrene	19.680	202	9469	0.301	ng	99
32) Benzo(a)anthracene	21.434	228	8996	0.385	ng	99
33) Chrysene	21.487	228	14350	0.541	ng	100
34) Bis(2-ethylhexyl)phtha...	21.380	149	550	0.035	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.260	276	14761	0.519	ng	# 79
37) Benzo(b)fluoranthene	23.097	252	13440	0.531	ng	99
38) Benzo(k)fluoranthene	23.141	252	14080	0.531	ng	98
39) Benzo(a)pyrene	23.708	252	9054	0.410	ng	97
40) Dibenzo(a,h)anthracene	26.287	278	12072	0.533	ng	98
41) Benzo(g,h,i)perylene	26.994	276	13412	0.486	ng	97

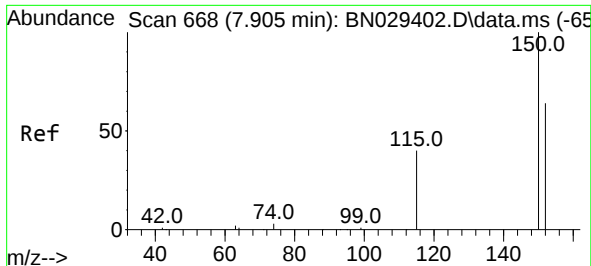
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

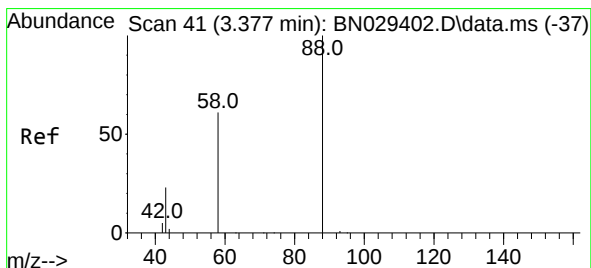
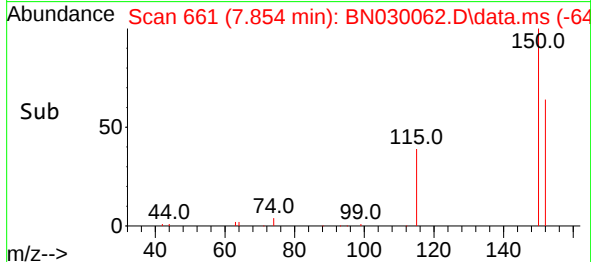
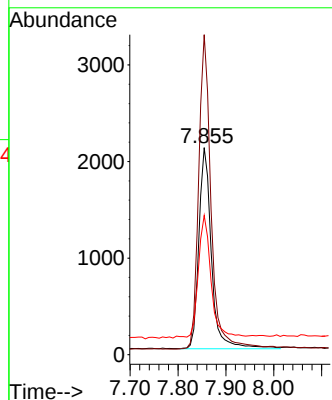
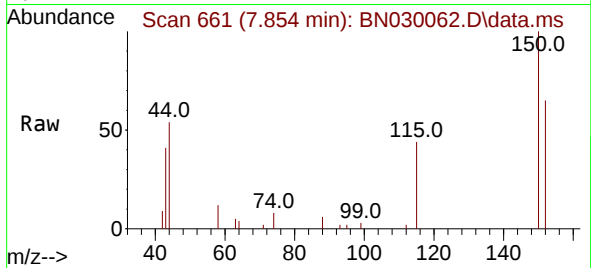




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030062.D
 Acq: 26 Feb 2024 17:36

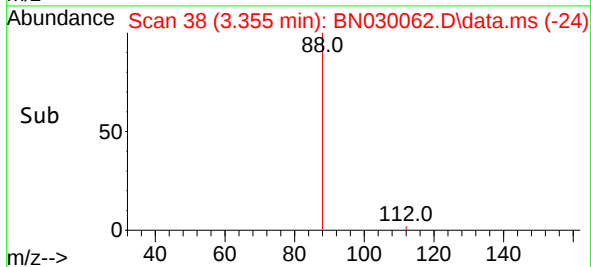
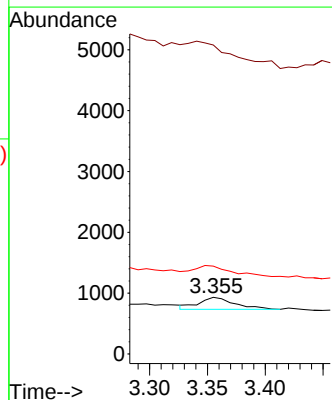
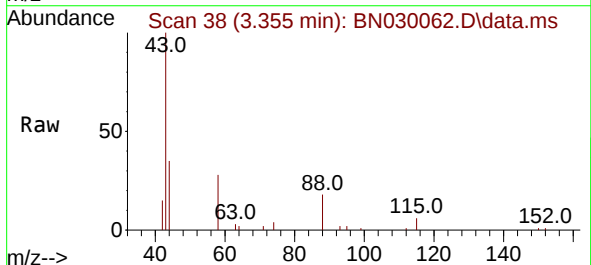
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20240221

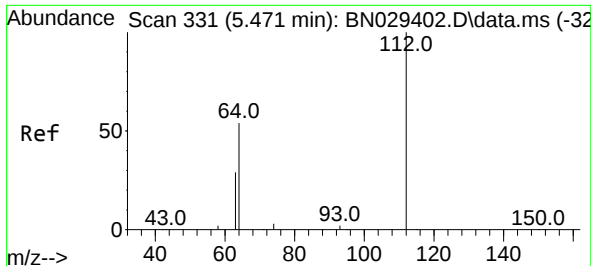
Tgt Ion: 152 Resp: 3814
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.0 184.4
 115 67.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030062.D
 Acq: 26 Feb 2024 17:36

Tgt Ion: 88 Resp: 416
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.3 34.9#
 58 96.9 53.8 80.6#





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20240221

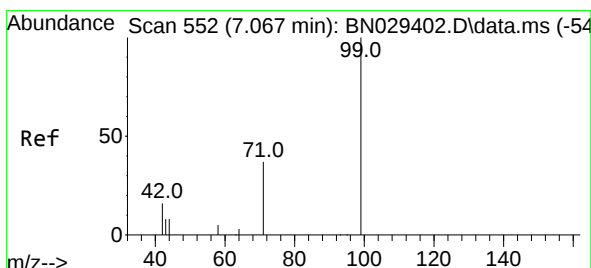
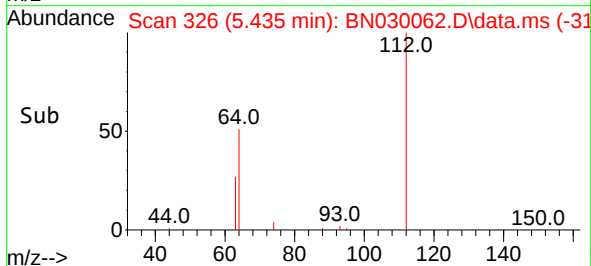
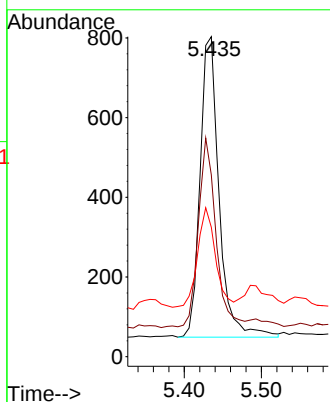
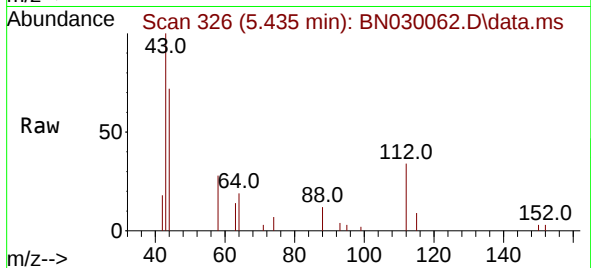
Tgt Ion:112 Resp: 1287

Ion Ratio Lower Upper

112 100

64 58.7 47.2 70.8

63 31.2 25.8 38.6



#5

Phenol-d6

Concen: 0.064 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

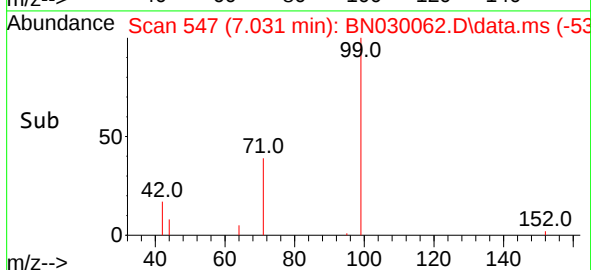
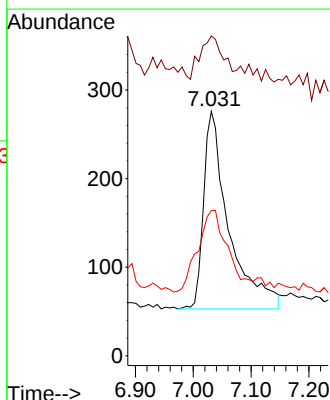
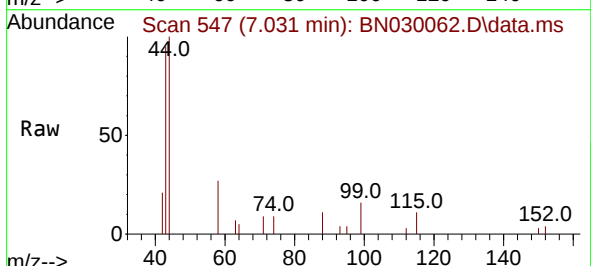
Tgt Ion: 99 Resp: 676

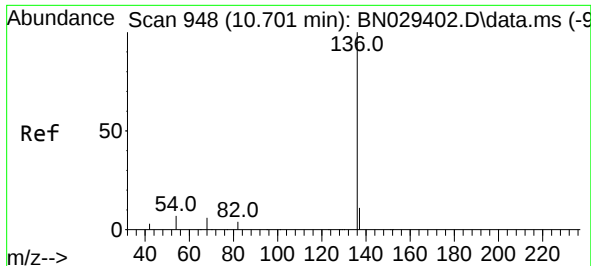
Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

71 49.6 30.0 45.0#

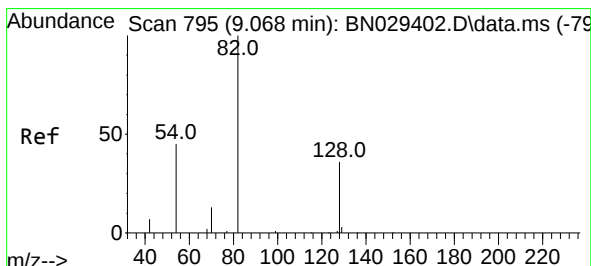
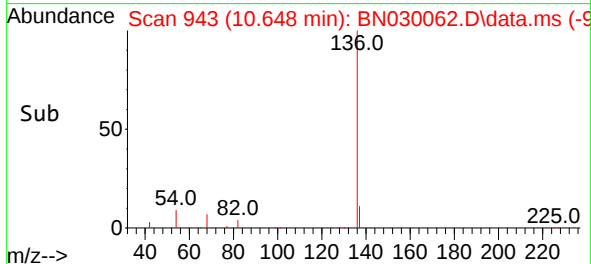
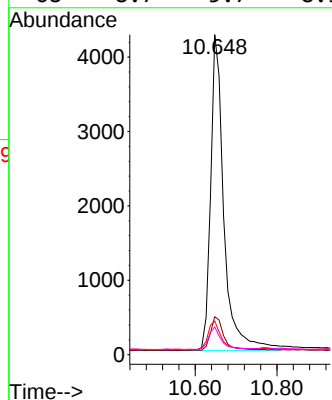
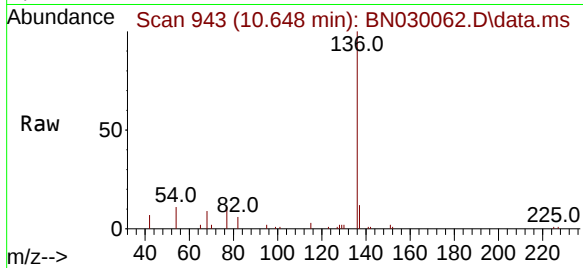




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

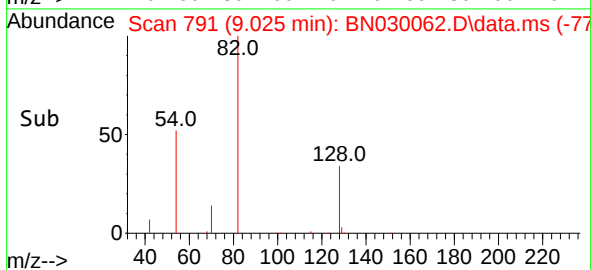
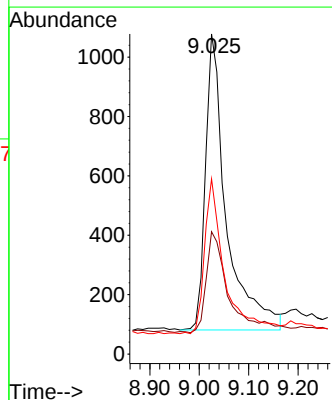
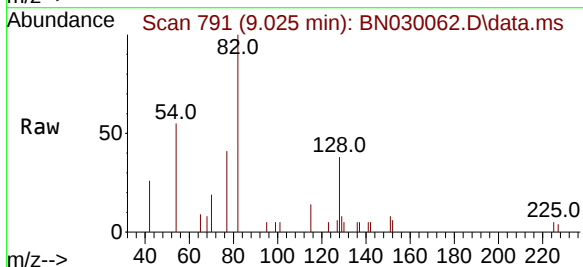
Instrument :
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RW10-MW01S-20240221

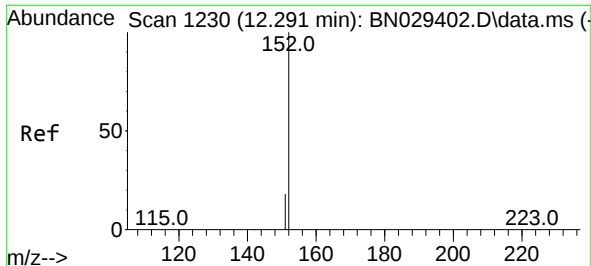
Tgt Ion:	136	Resp:	9538
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.7	14.5
54	10.5	6.6	10.0#
68	8.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:	82	Resp:	2929
Ion Ratio	Lower	Upper	
82	100		
128	38.2	31.6	47.4
54	54.7	38.2	57.4

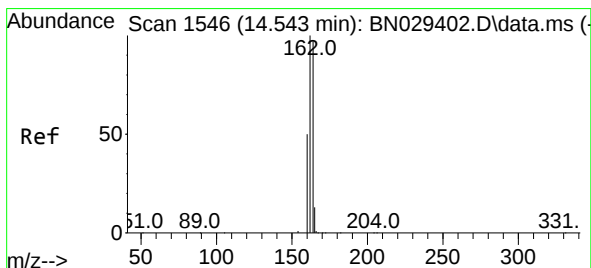
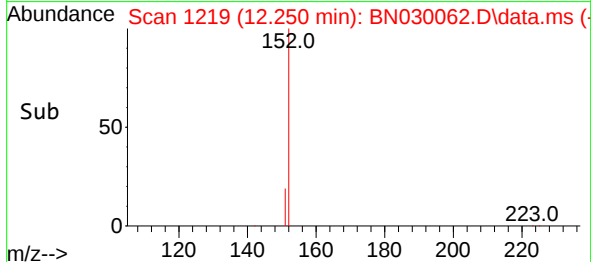
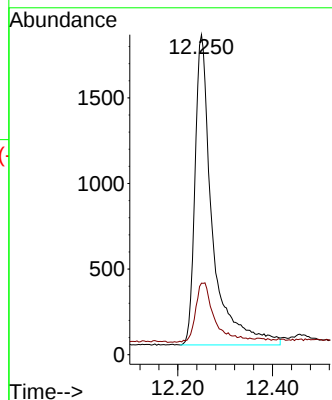
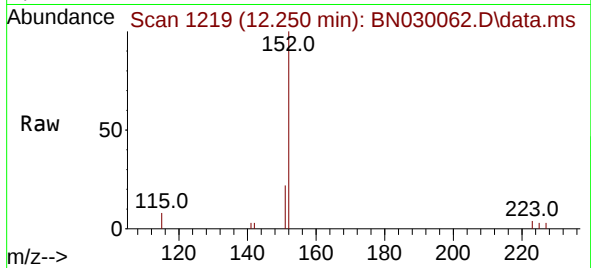




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

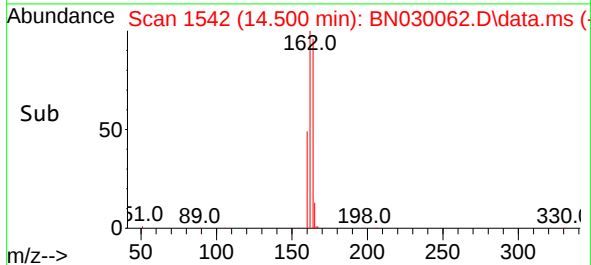
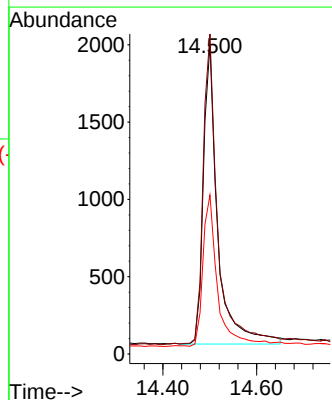
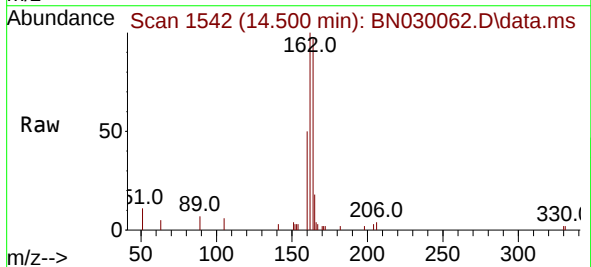
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

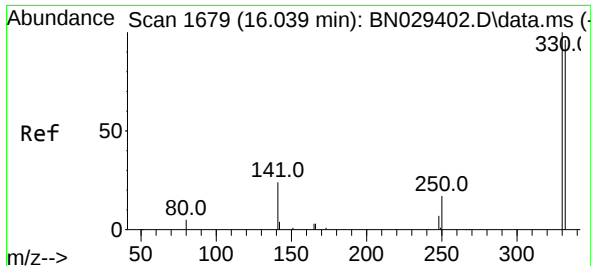
Tgt Ion:152 Resp: 4618
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:164 Resp: 4117
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 51.3 41.5 62.3

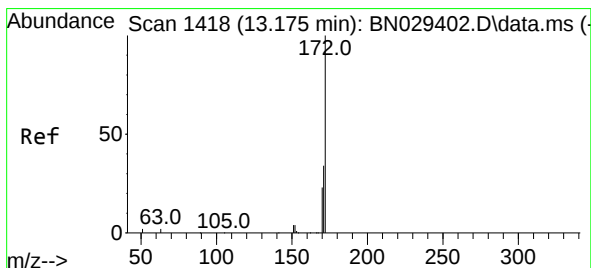
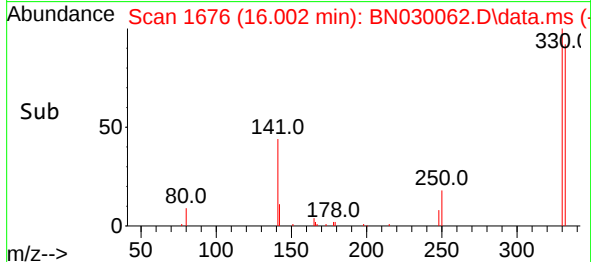
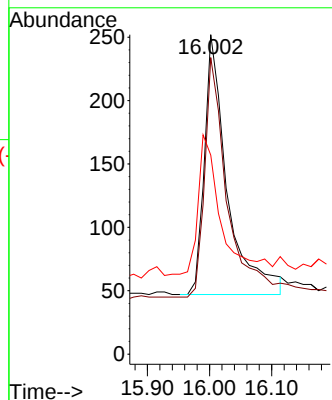
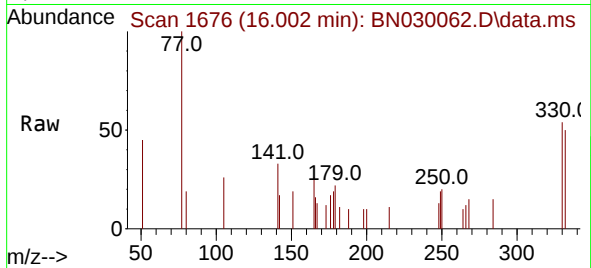




#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

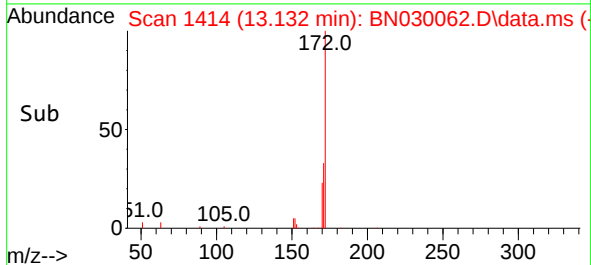
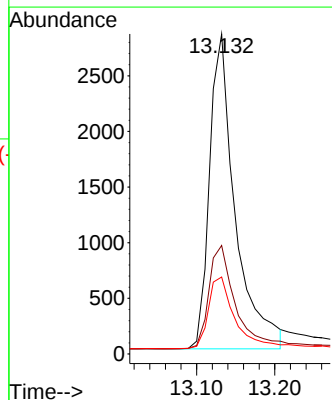
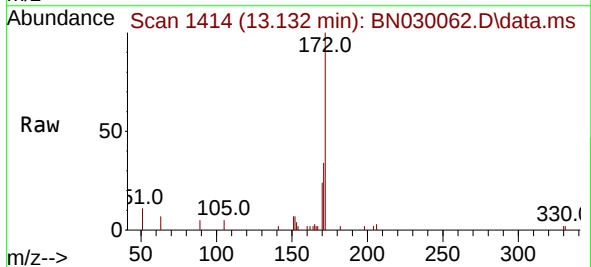
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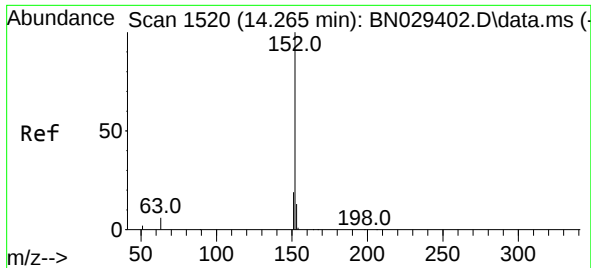
Tgt Ion:330 Resp: 527
Ion Ratio Lower Upper
330 100
332 89.9 76.0 114.0
141 52.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:172 Resp: 6476
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 24.1 18.7 28.1

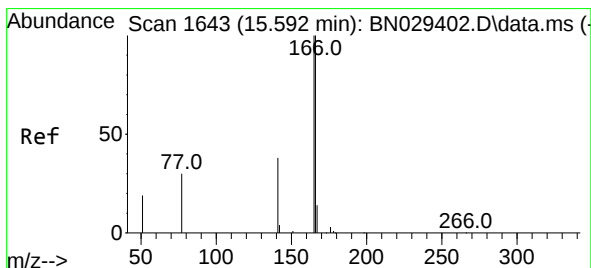
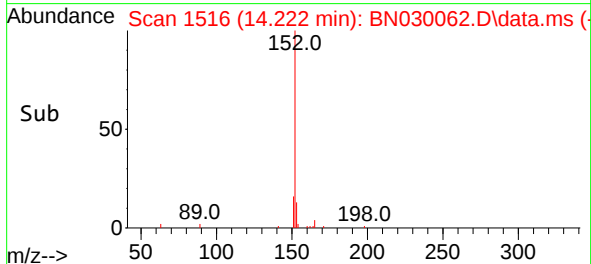
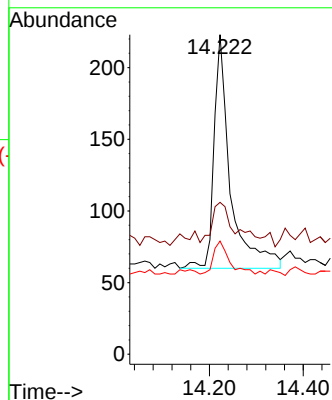
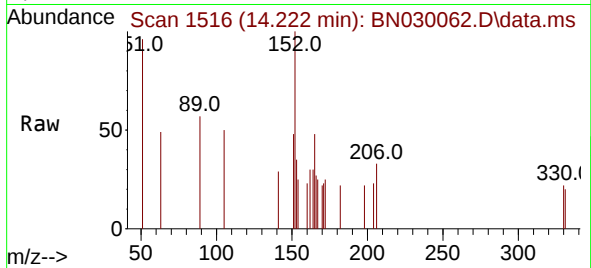




#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.222 min Scan# 1516
Delta R.T. 0.011 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

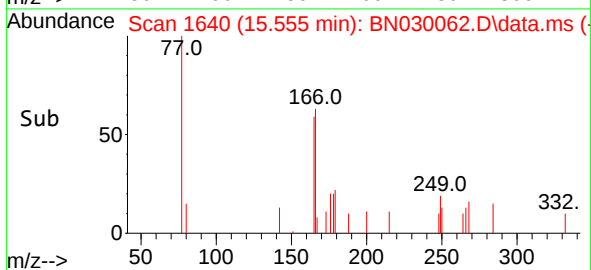
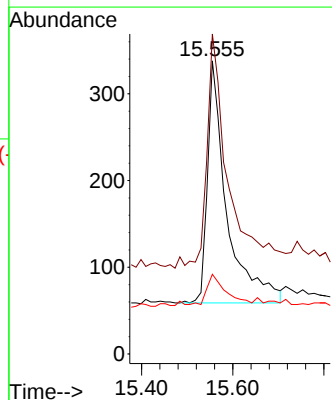
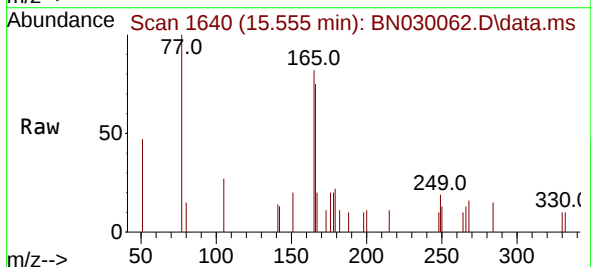
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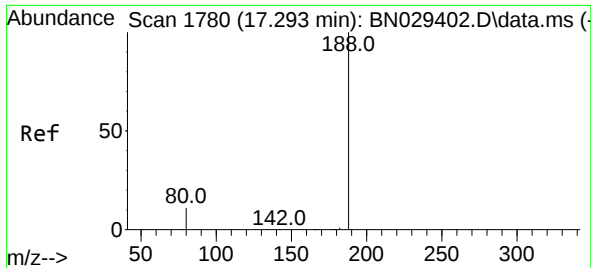
Tgt Ion:	152	Resp:	396
Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.9	23.9
153	14.1	10.5	15.7



#18
Fluorene
Concen: 0.049 ng
RT: 15.555 min Scan# 1640
Delta R.T. 0.013 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:	166	Resp:	809
Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.9	119.9
167	12.1	11.3	16.9

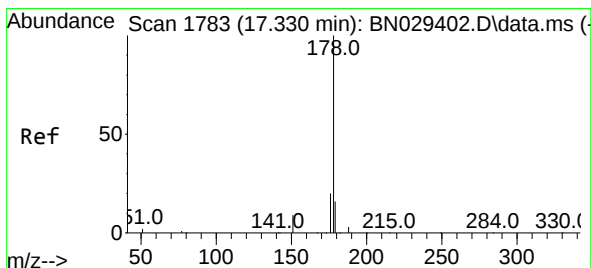
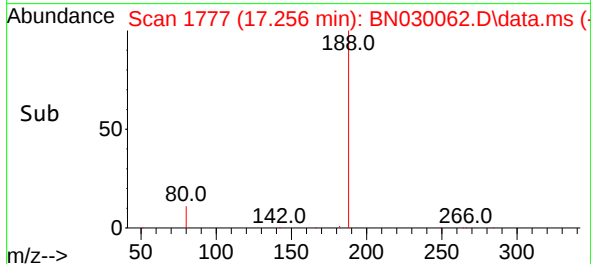
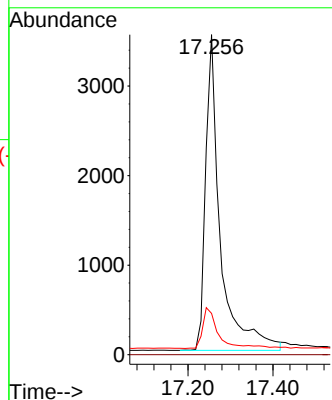
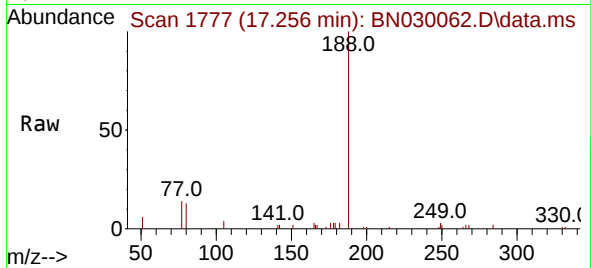




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

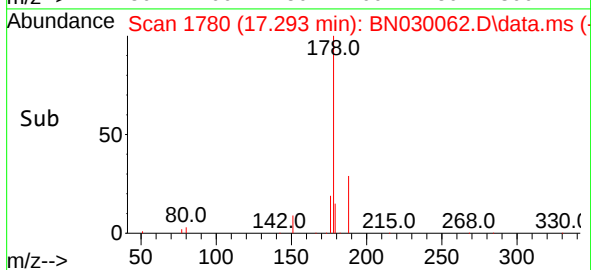
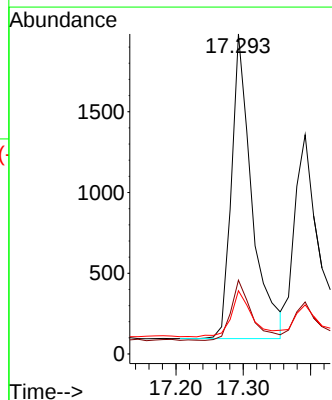
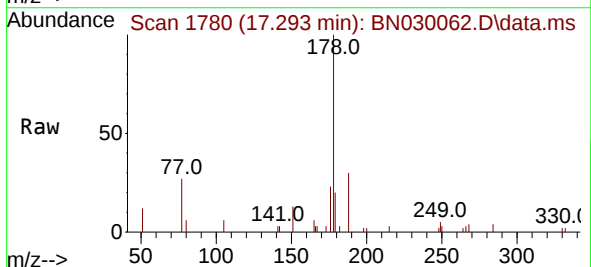
Instrument :
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ClientSampleId :
RW10-MW01S-20240221

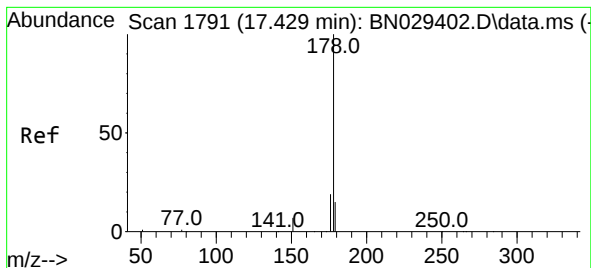
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.0 15.0



#25
Phenanthrene
Concen: 0.159 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:178 Resp: 3987
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.0 12.6 19.0





#26

Anthracene

Concen: 0.140 ng

RT: 17.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20240221

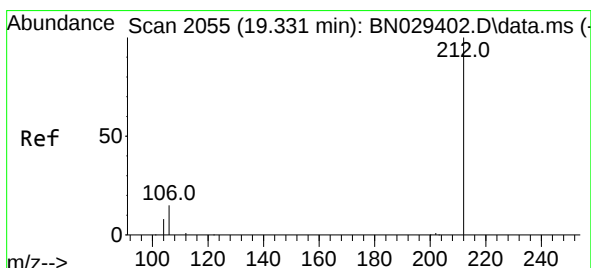
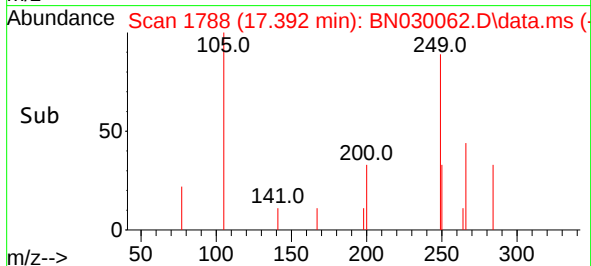
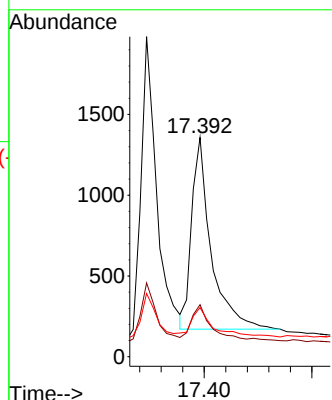
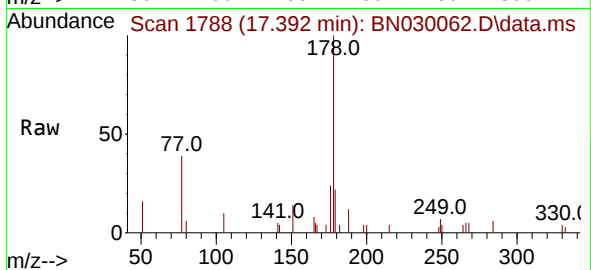
Tgt Ion:178 Resp: 2978

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

179 17.7 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.447 ng

RT: 19.285 min Scan# 2045

Delta R.T. -0.004 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

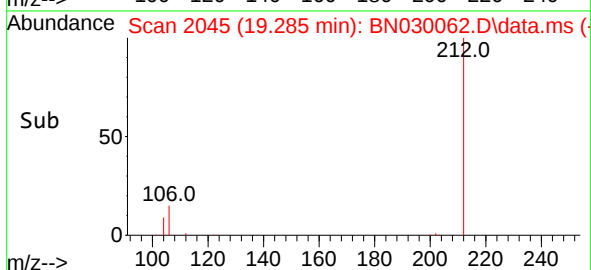
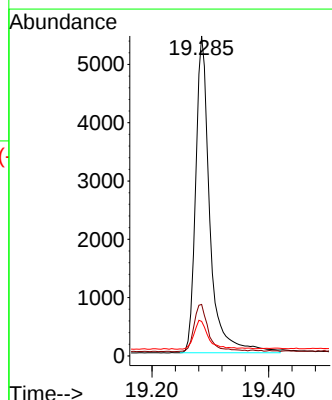
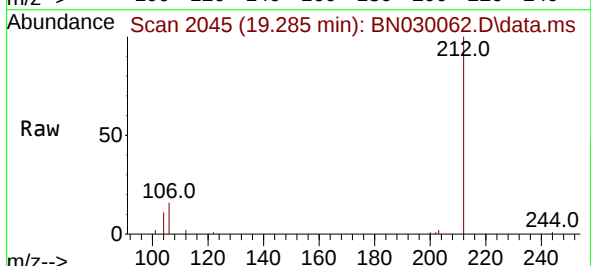
Tgt Ion:212 Resp: 9170

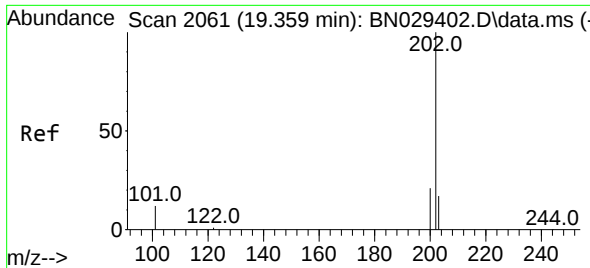
Ion Ratio Lower Upper

212 100

106 15.2 13.2 19.8

104 9.3 7.7 11.5

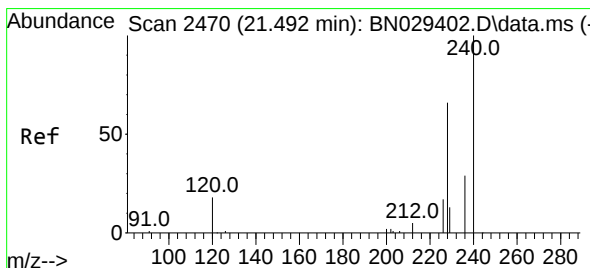
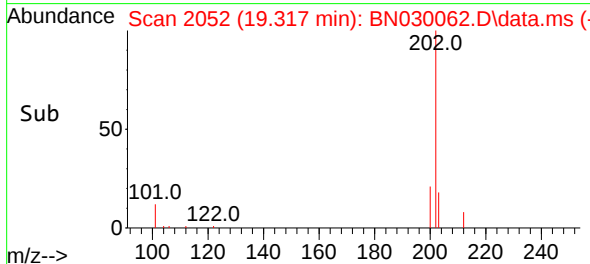
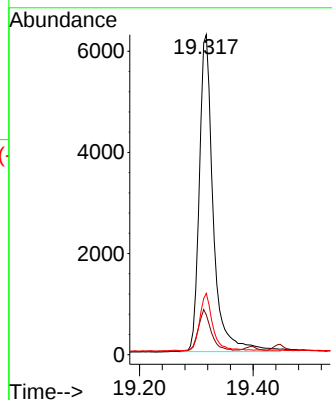
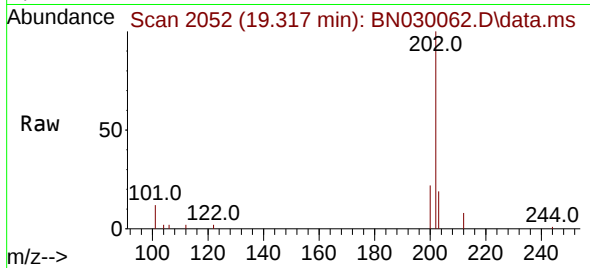




#28
Fluoranthene
Concen: 0.379 ng
RT: 19.317 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

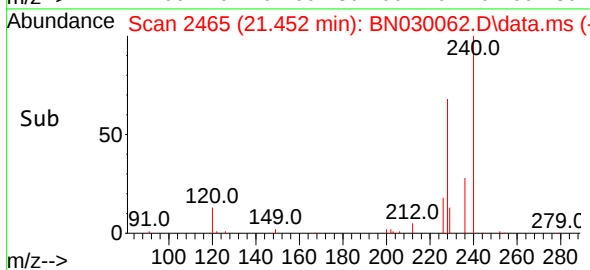
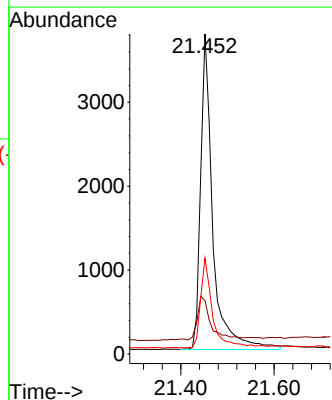
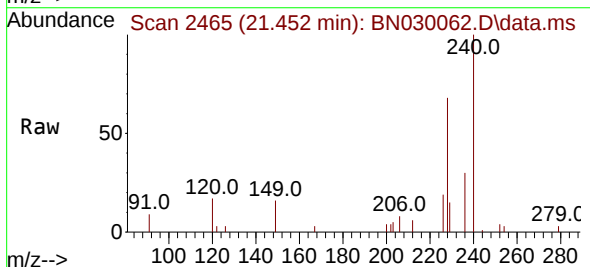
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

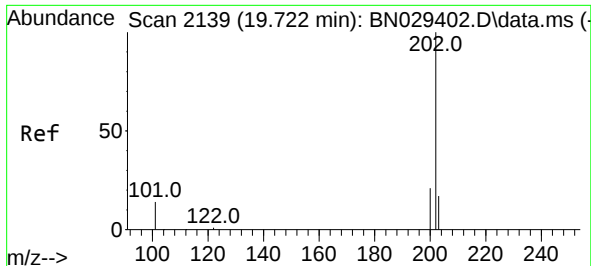
Tgt Ion:202 Resp: 10674
Ion Ratio Lower Upper
202 100
101 12.5 10.5 15.7
203 16.8 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.452 min Scan# 2465
Delta R.T. -0.004 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:240 Resp: 6834
Ion Ratio Lower Upper
240 100
120 16.7 16.7 25.1#
236 29.9 23.9 35.9

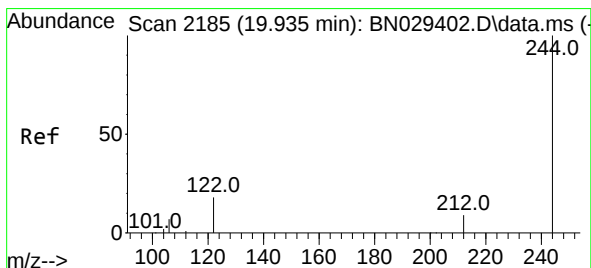
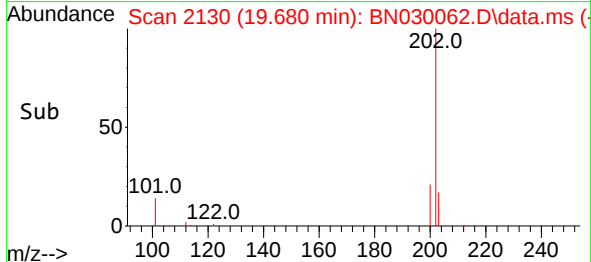
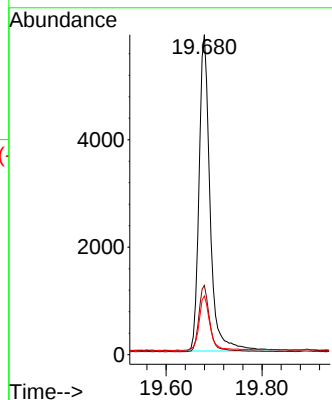
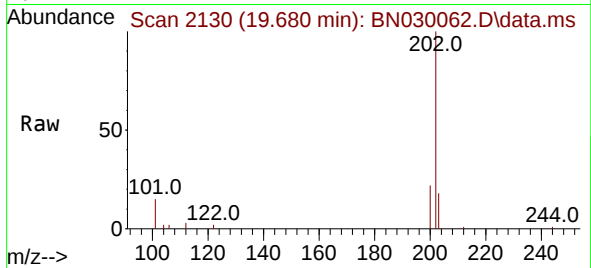




#30
 Pyrene
 Concen: 0.301 ng
 RT: 19.680 min Scan# 2130
 Delta R.T. -0.004 min
 Lab File: BN030062.D
 Acq: 26 Feb 2024 17:36

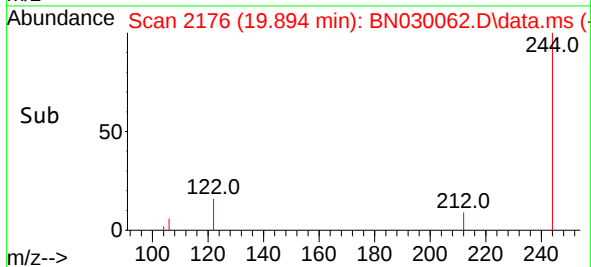
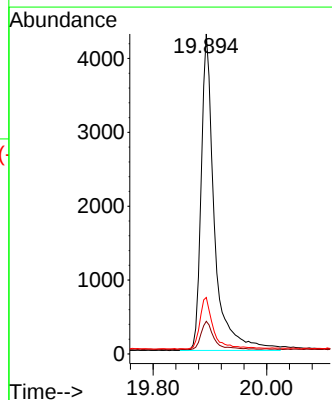
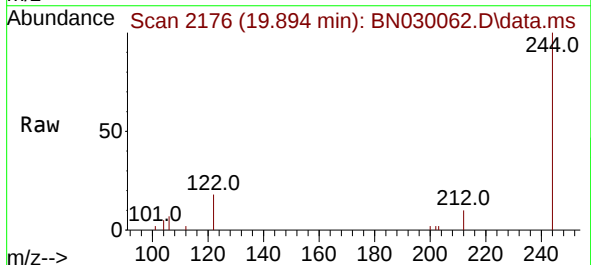
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20240221

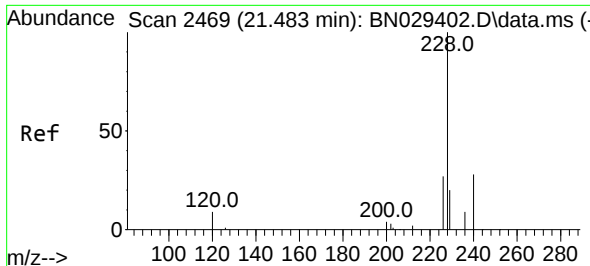
Tgt Ion:202 Resp: 9469
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 25.0
 203 16.8 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.894 min Scan# 2176
 Delta R.T. -0.004 min
 Lab File: BN030062.D
 Acq: 26 Feb 2024 17:36

Tgt Ion:244 Resp: 6958
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.2 12.4
 122 17.7 15.6 23.4

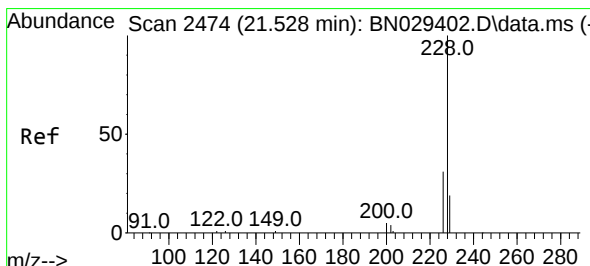
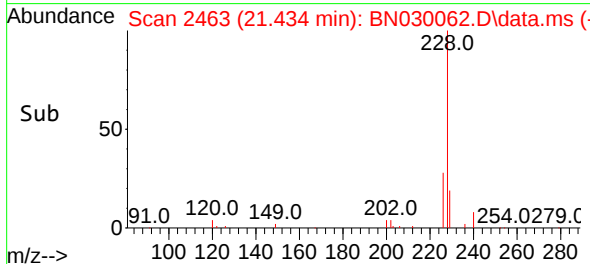
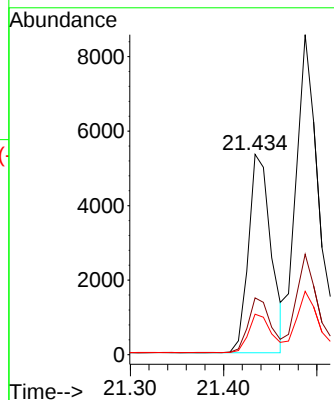
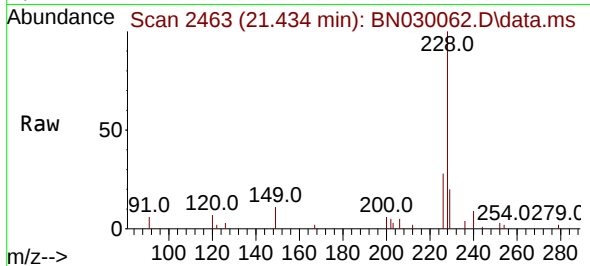




#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.434 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

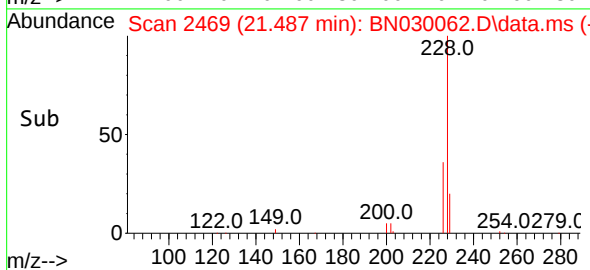
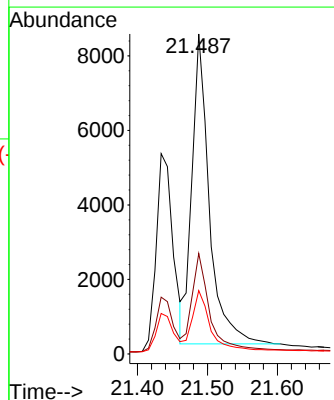
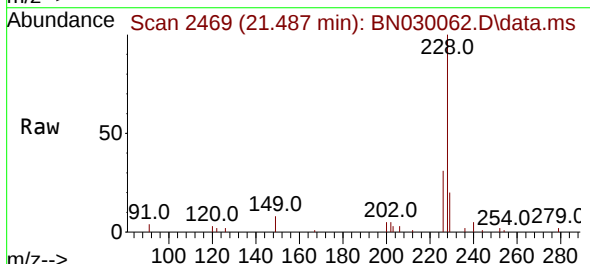
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

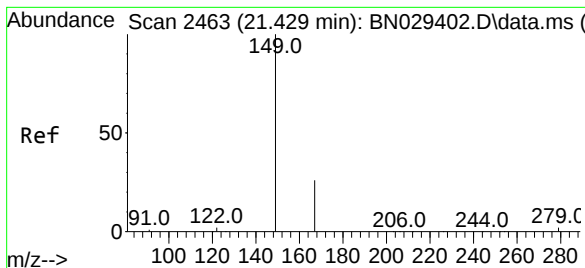
Tgt Ion:228 Resp: 8996
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.4
229 20.2 16.5 24.7



#33
Chrysene
Concen: 0.541 ng
RT: 21.487 min Scan# 2469
Delta R.T. -0.004 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:228 Resp: 14350
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 19.8 15.9 23.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.035 ng

RT: 21.380 min Scan# 2463

Delta R.T. -0.004 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20240221

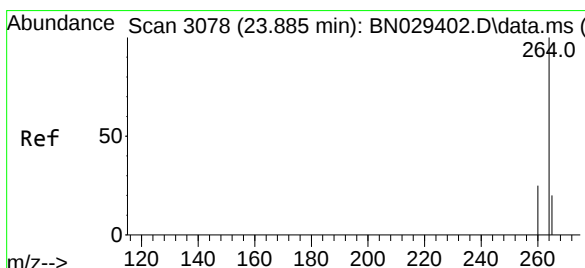
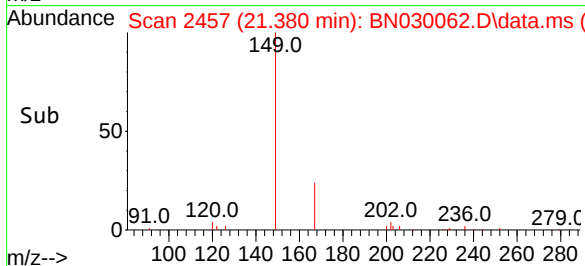
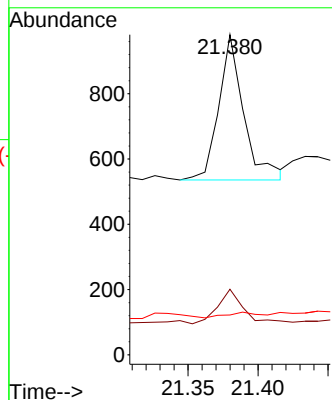
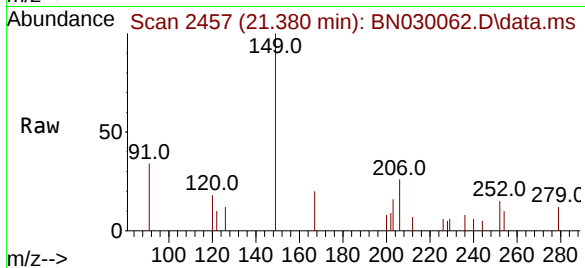
Tgt Ion:149 Resp: 550

Ion Ratio Lower Upper

149 100

167 32.0 20.1 30.1#

279 5.5 2.5 3.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.813 min Scan# 3052

Delta R.T. -0.007 min

Lab File: BN030062.D

Acq: 26 Feb 2024 17:36

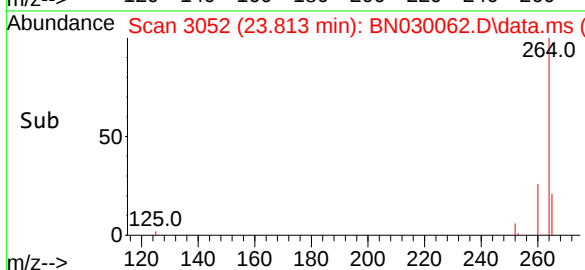
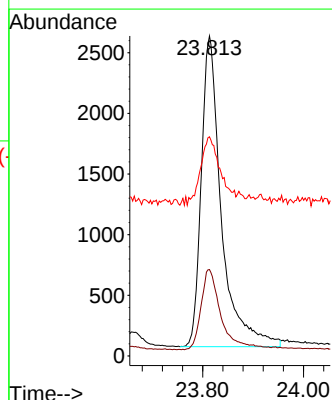
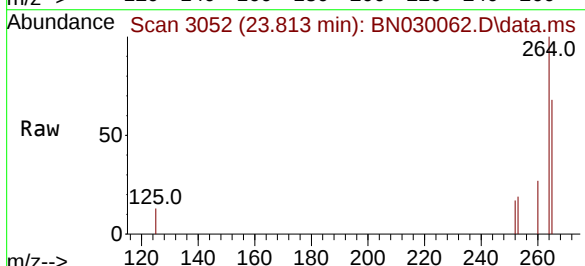
Tgt Ion:264 Resp: 7081

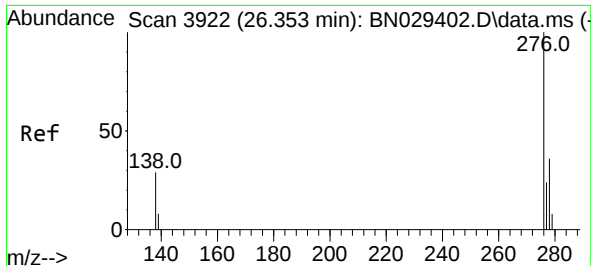
Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 68.5 41.5 62.3#

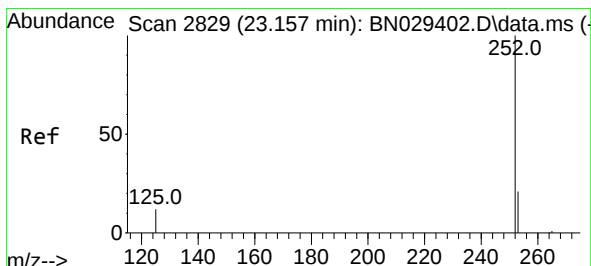
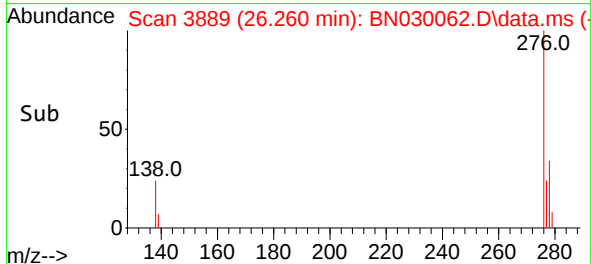
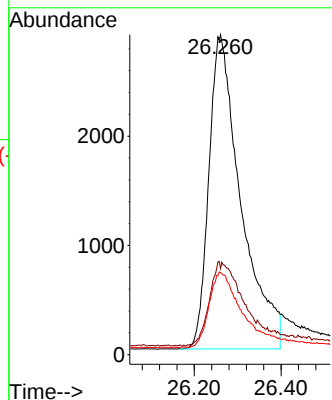
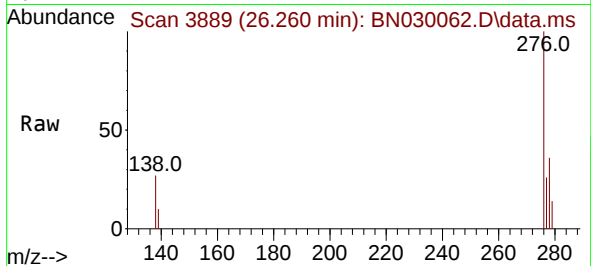




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.519 ng
RT: 26.260 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

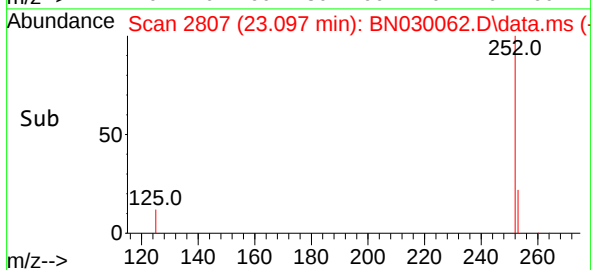
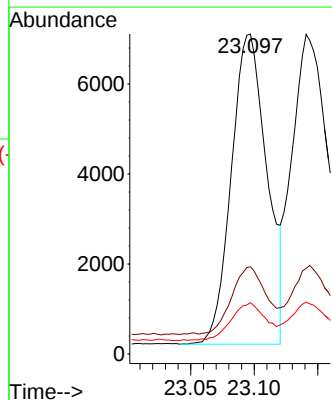
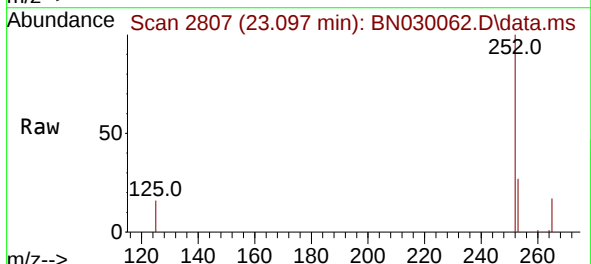
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

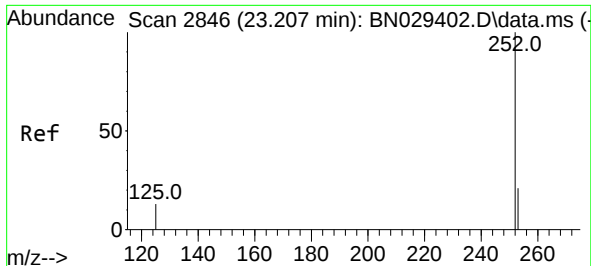
Tgt Ion:276 Resp: 14761
Ion Ratio Lower Upper
276 100
138 9.6 20.5 30.7#
277 24.8 17.0 25.4



#37
Benzo(b)fluoranthene
Concen: 0.531 ng
RT: 23.097 min Scan# 2807
Delta R.T. -0.001 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:252 Resp: 13440
Ion Ratio Lower Upper
252 100
253 27.2 21.7 32.5
125 16.0 13.3 19.9

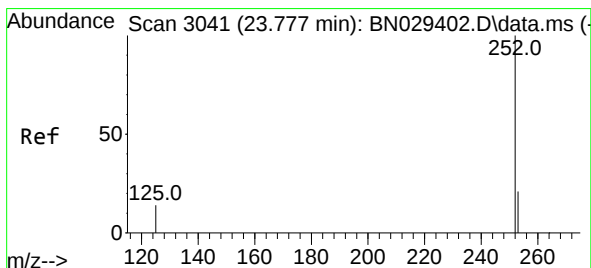
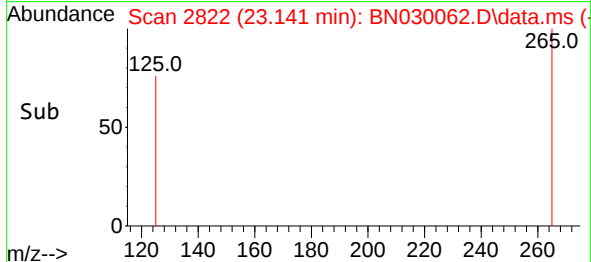
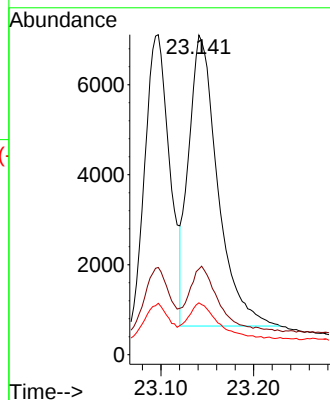
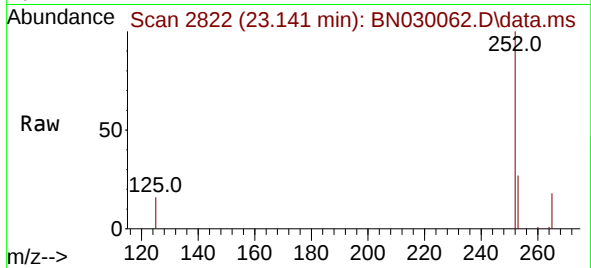




#38
Benzo(k)fluoranthene
Concen: 0.531 ng
RT: 23.141 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

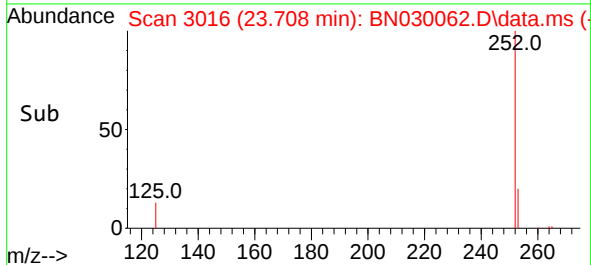
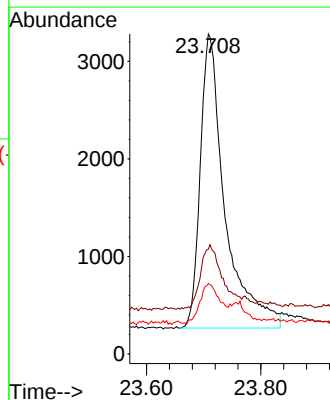
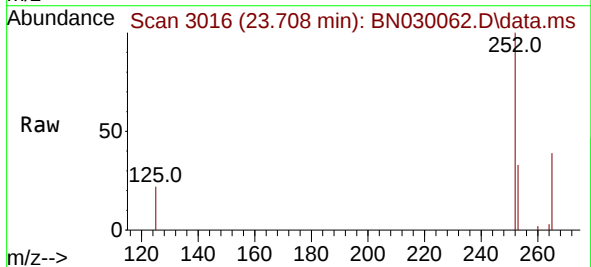
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

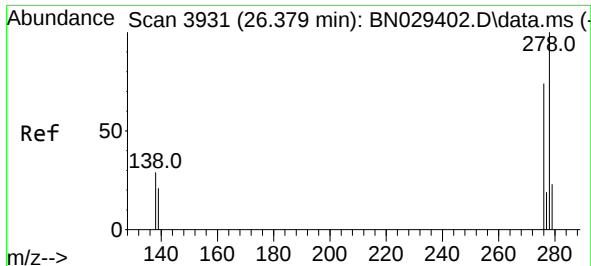
Tgt Ion:252 Resp: 14080
Ion Ratio Lower Upper
252 100
253 26.8 21.8 32.8
125 16.2 13.9 20.9



#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.708 min Scan# 3016
Delta R.T. -0.007 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:252 Resp: 9054
Ion Ratio Lower Upper
252 100
253 32.8 24.9 37.3
125 22.0 16.6 25.0

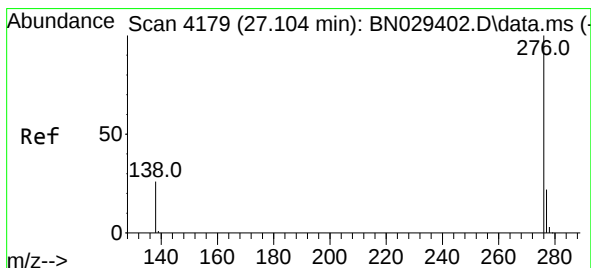
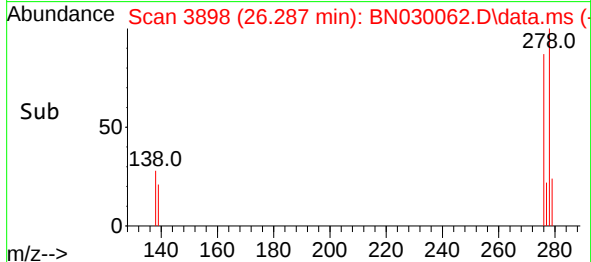
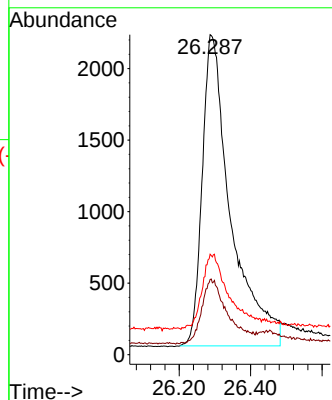
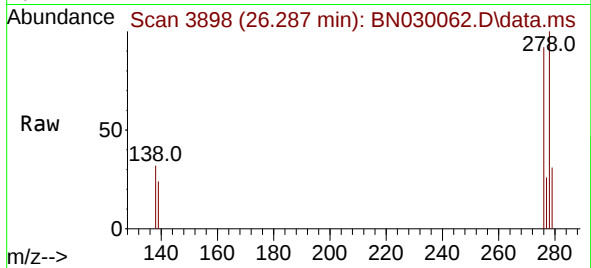




#40
Dibenzo(a,h)anthracene
Concen: 0.533 ng
RT: 26.287 min Scan# 3931
Delta R.T. -0.016 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20240221

Tgt Ion:278 Resp: 12072
Ion Ratio Lower Upper
278 100
139 23.5 20.4 30.6
279 31.4 25.0 37.6



#41
Benzo(g,h,i)perylene
Concen: 0.486 ng
RT: 26.994 min Scan# 4140
Delta R.T. -0.013 min
Lab File: BN030062.D
Acq: 26 Feb 2024 17:36

Tgt Ion:276 Resp: 13412
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 27.1 23.5 35.3

