

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026371.D
 Acq On : 07 Jul 2023 23:11
 Operator : MA/JU
 Sample : 03237-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW77MSD

Quant Time: Jul 08 04:47:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 14:46:07 2023
 Response via : Initial Calibration

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

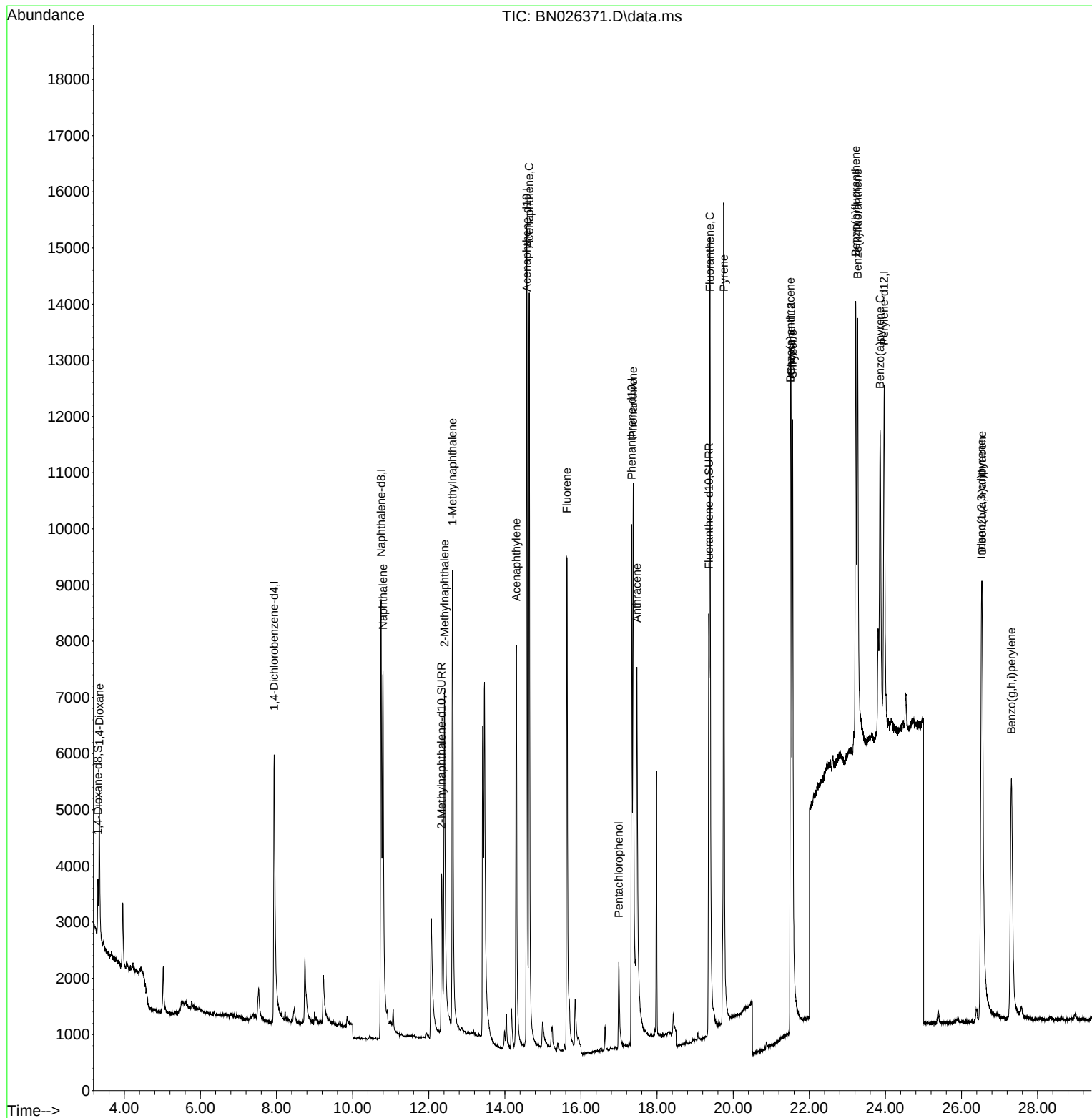
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	16349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	9832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	14399	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	9221	0.400	ng/ul	0.00
23) Perylene-d12	23.967	264	9919	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	796	0.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	5796	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	10836	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	1973	0.361	ng/ul	95
5) Naphthalene	10.798	128	11895	0.254	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	6480	0.217	ng/ul	98
8) 1-Methylnaphthalene	12.623	142	7277	0.235	ng/ul	99
10) Acenaphthylene	14.302	152	11215	0.244	ng/ul	99
11) Acenaphthene	14.640	153	9976	0.265	ng/ul	96
12) Fluorene	15.630	166	8214	0.190	ng/ul	99
14) Pentachlorophenol	16.996	266	1559	0.302	ng/ul	98
15) Phenanthrene	17.372	178	13530	0.284	ng/ul	97
16) Anthracene	17.469	178	11178	0.264	ng/ul	96
19) Fluoranthene	19.387	202	15139	0.307	ng/ul	100
20) Pyrene	19.754	202	15886	0.310	ng/ul	96
21) Benzo(a)anthracene	21.506	228	11132	0.293	ng/ul	98
22) Chrysene	21.561	228	11848	0.299	ng/ul	98
24) Benzo(b)fluoranthene	23.218	252	12470	0.295	ng/ul	88
25) Benzo(k)fluoranthene	23.271	252	12752	0.300	ng/ul#	90
26) Benzo(a)pyrene	23.862	252	10962	0.298	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.524	276	14598	0.363	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.541	278	11169	0.367	ng/ul	94
29) Benzo(g,h,i)perylene	27.312	276	13088	0.366	ng/ul	98

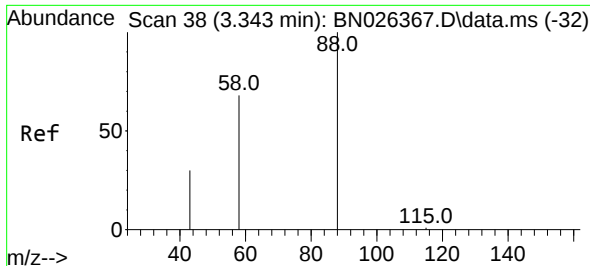
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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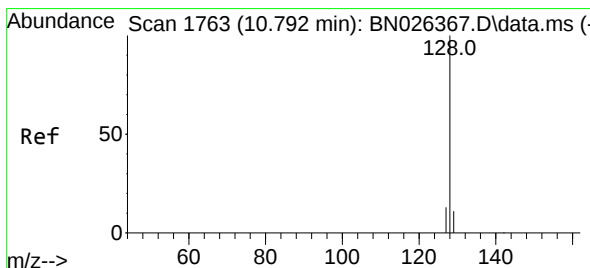
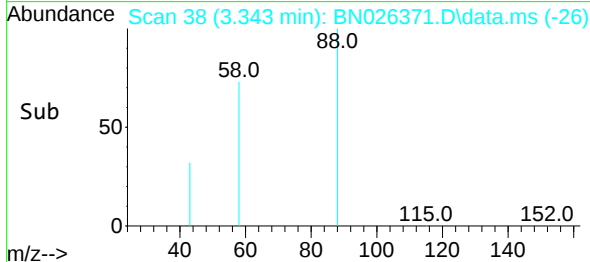
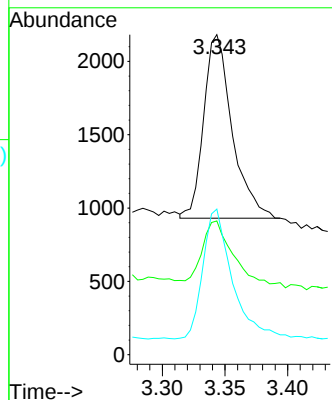
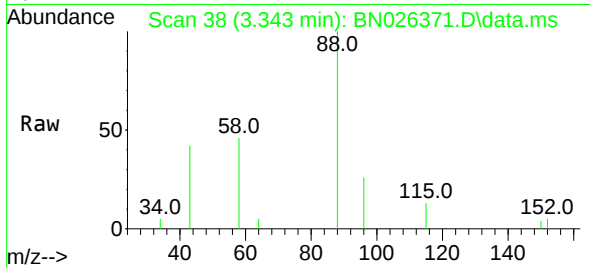




#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

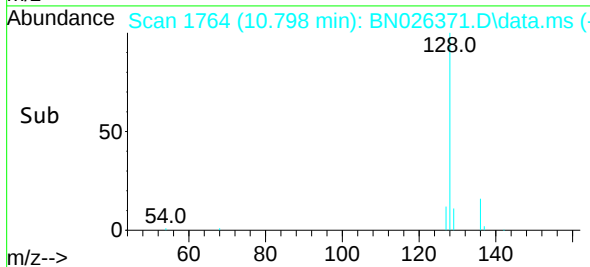
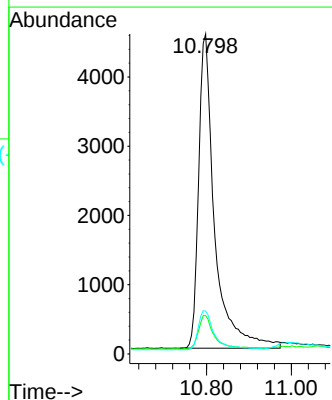
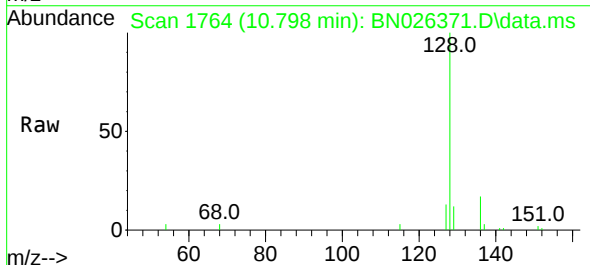
Instrument :
BNA_N
ClientSampleId :
YBW77MSD

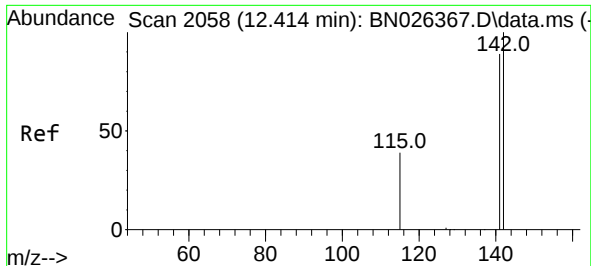
Tgt Ion: 88 Resp: 1973
Ion Ratio Lower Upper
88 100
43 41.8 29.5 44.3
58 45.5 37.4 56.2



#5
Naphthalene
Concen: 0.254 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:128 Resp: 11895
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.4 10.7 16.1

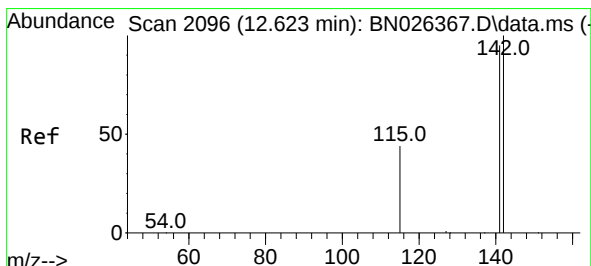
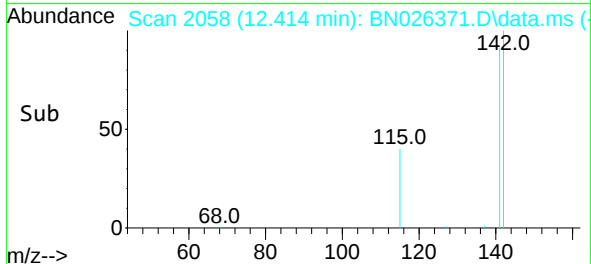
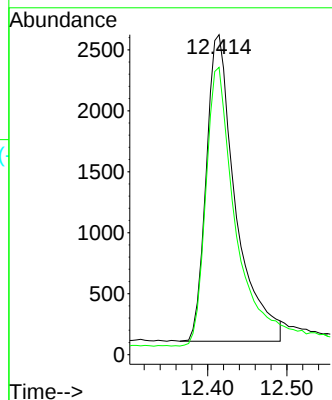
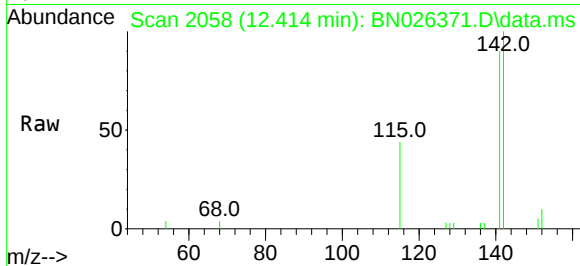




#7
2-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

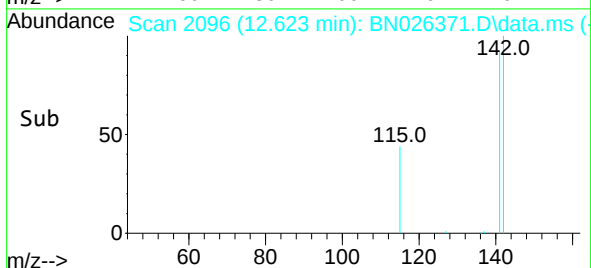
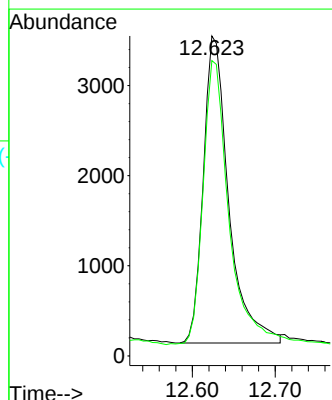
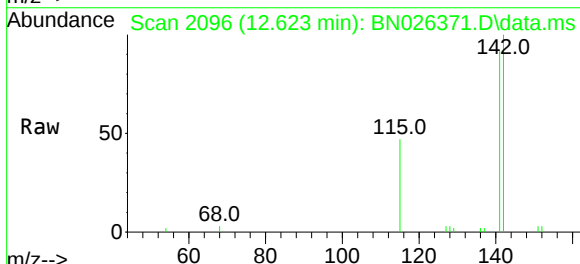
Instrument :
BNA_N
ClientSampleId :
YBW77MSD

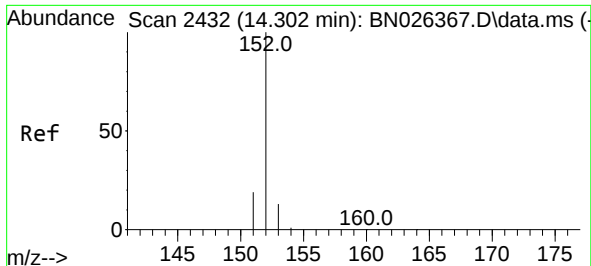
Tgt Ion:142 Resp: 6480
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:142 Resp: 7277
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

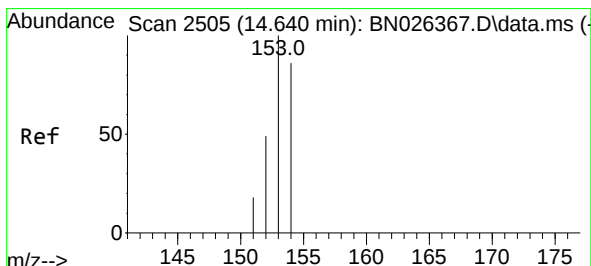
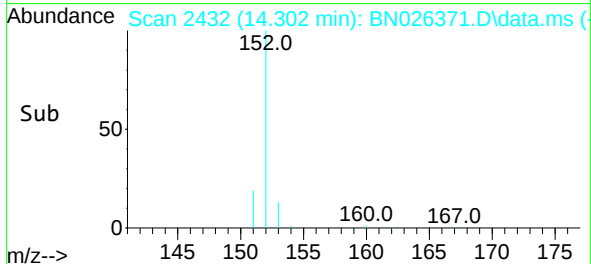
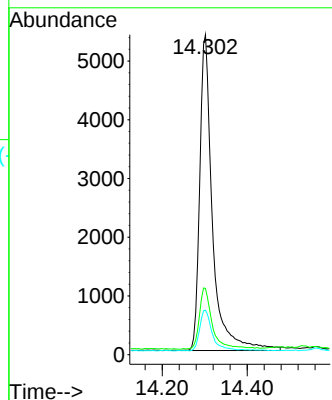
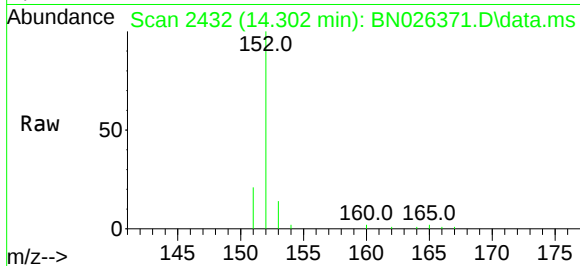




#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

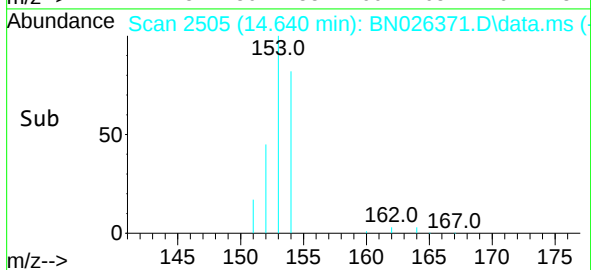
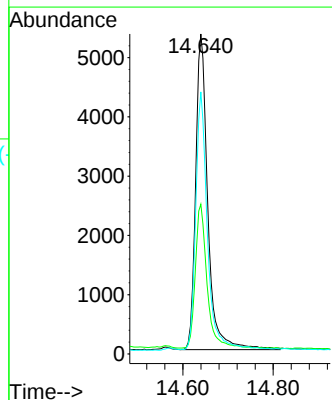
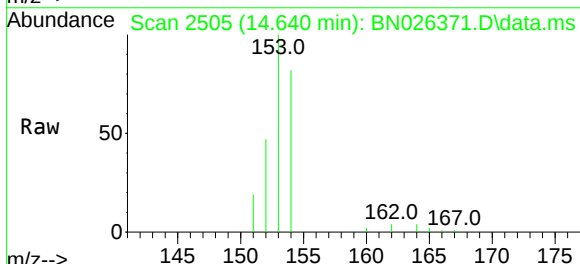
Instrument :
BNA_N
ClientSampleId :
YBW77MSD

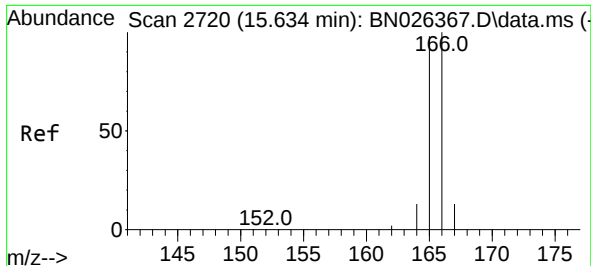
Tgt Ion:	152	Resp:	11215
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	13.9	10.9	16.3



#11
Acenaphthene
Concen: 0.265 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:	153	Resp:	9976
Ion Ratio	Lower	Upper	
153	100		
152	46.8	39.4	59.0
154	81.9	68.9	103.3

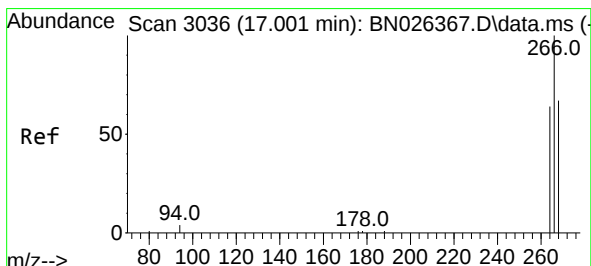
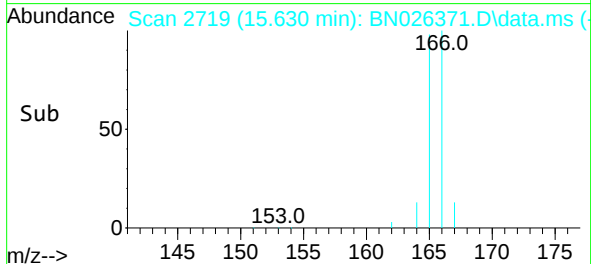
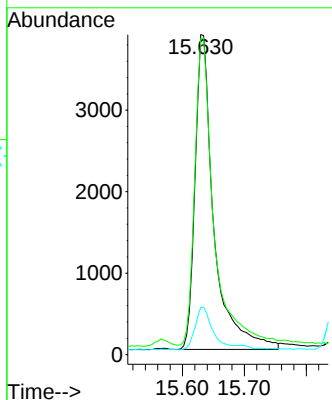
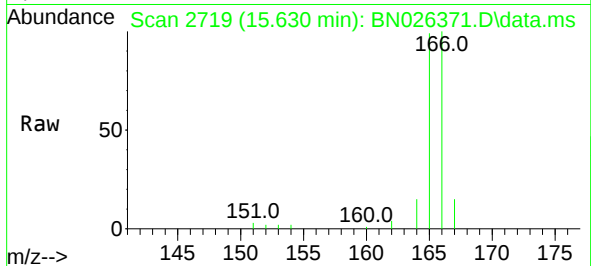




#12
 Fluorene
 Concen: 0.190 ng/ul
 RT: 15.630 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026371.D
 Acq: 07 Jul 2023 23:11

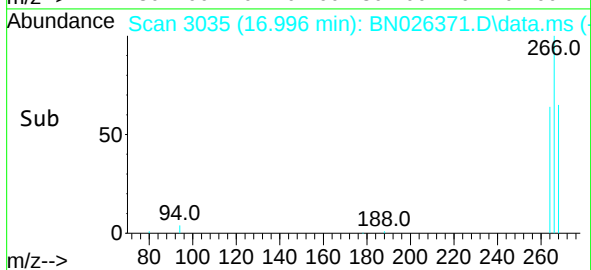
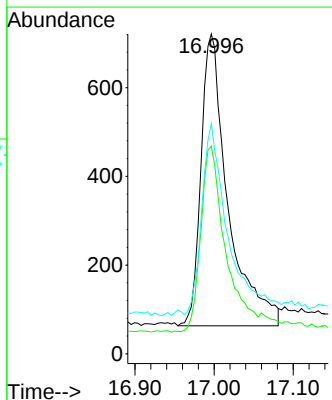
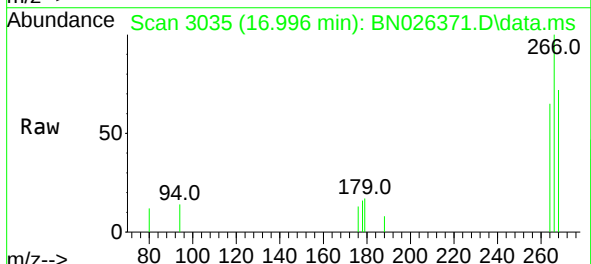
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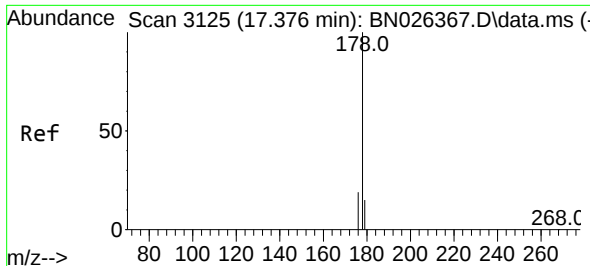
Tgt Ion:166 Resp: 8214
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.9 119.9
 167 14.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.302 ng/ul
 RT: 16.996 min Scan# 3035
 Delta R.T. -0.004 min
 Lab File: BN026371.D
 Acq: 07 Jul 2023 23:11

Tgt Ion:266 Resp: 1559
 Ion Ratio Lower Upper
 266 100
 264 61.6 50.5 75.7
 268 63.6 51.6 77.4

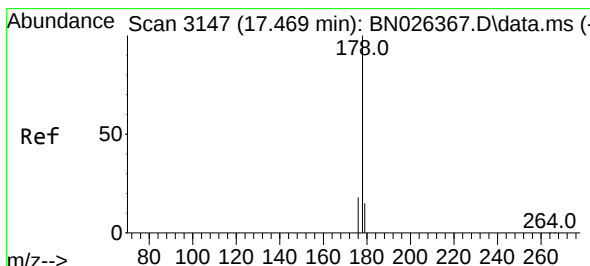
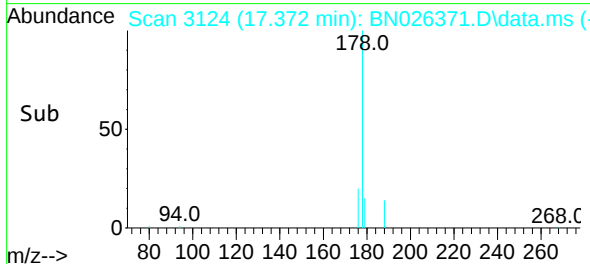
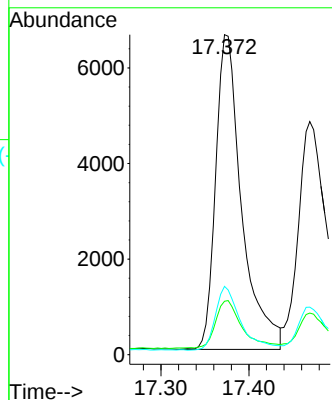
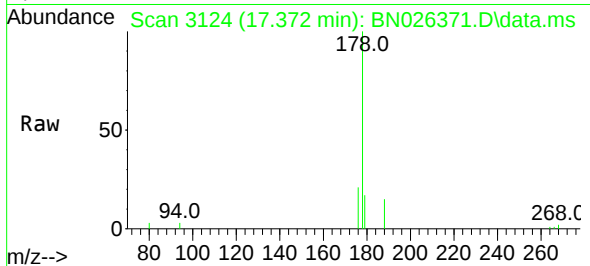




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.372 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

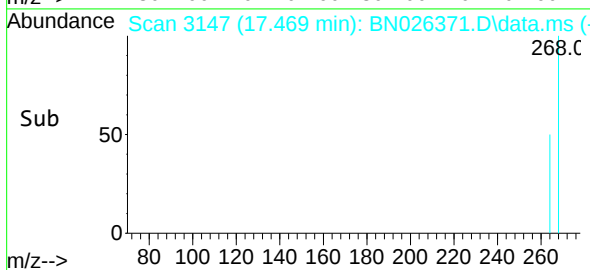
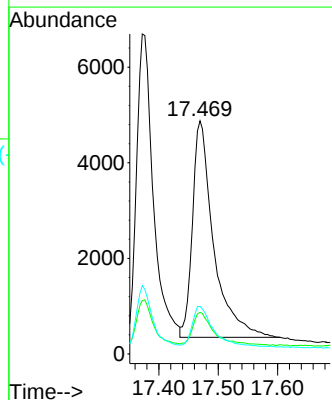
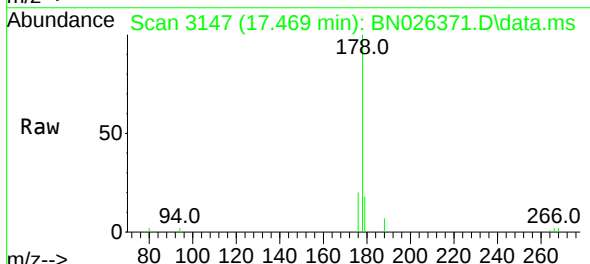
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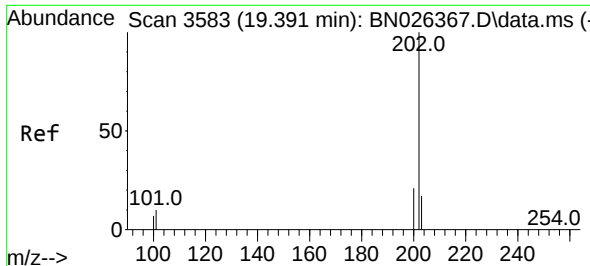
Tgt Ion:178 Resp: 13530
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 21.4 15.8 23.6



#16
Anthracene
Concen: 0.264 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:178 Resp: 11178
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.4 15.1 22.7

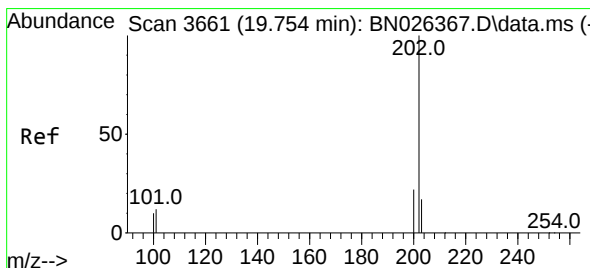
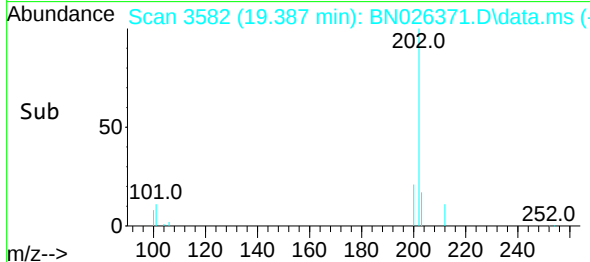
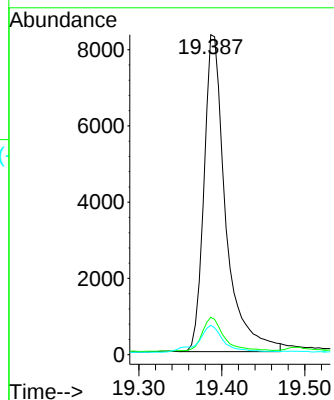
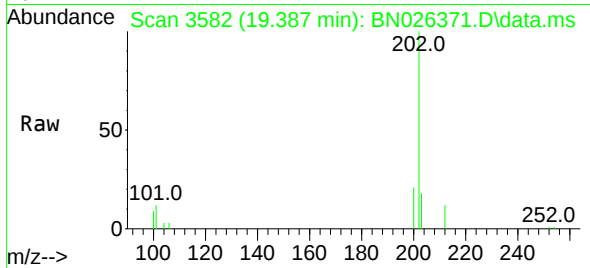




#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

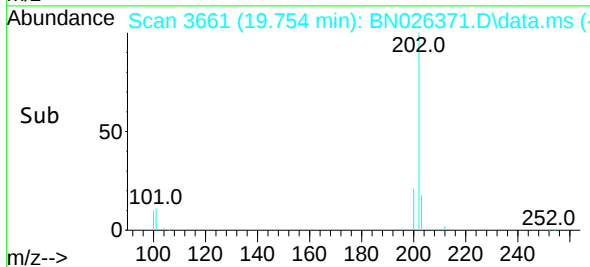
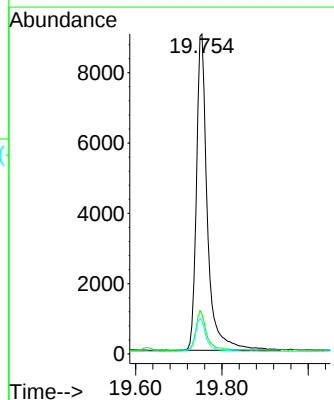
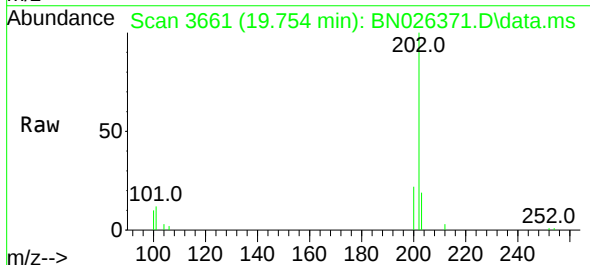
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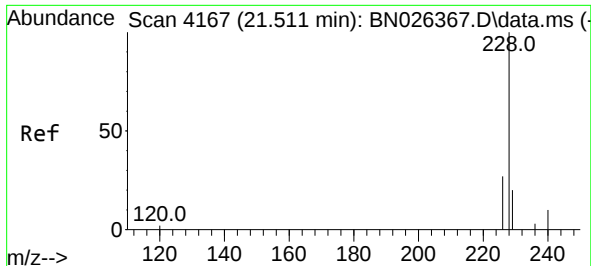
Tgt Ion:202 Resp: 15139
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:202 Resp: 15886
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.4 9.1 13.7

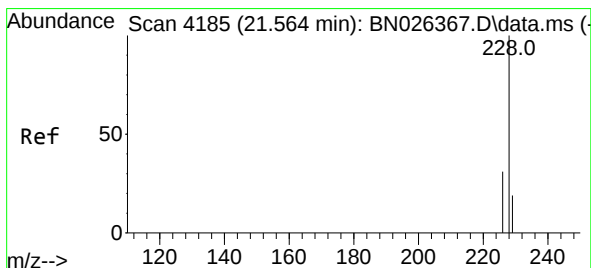
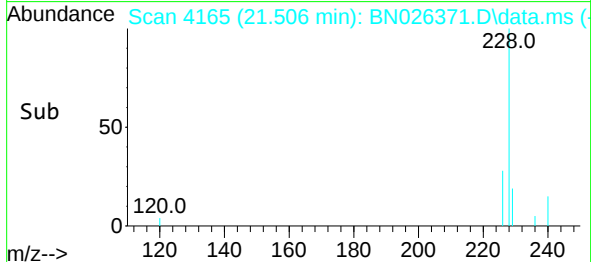
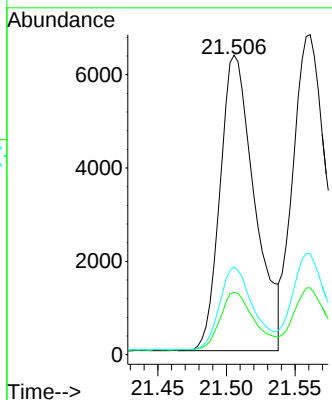
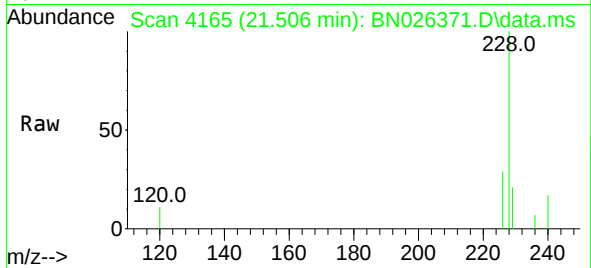




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

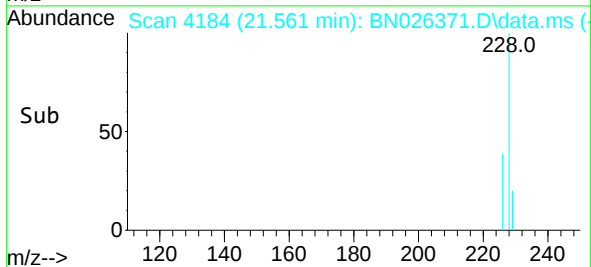
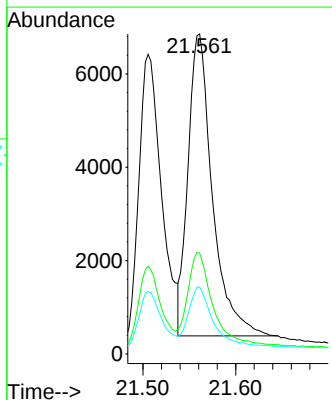
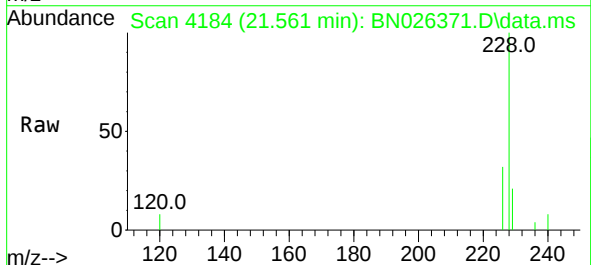
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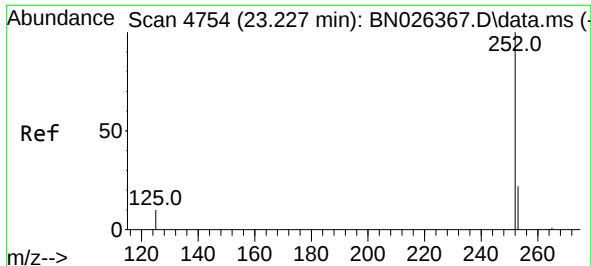
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 29.3 22.5 33.7



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:228 Resp: 11848
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 20.9 15.7 23.5

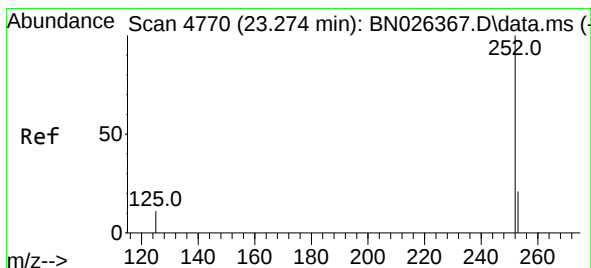
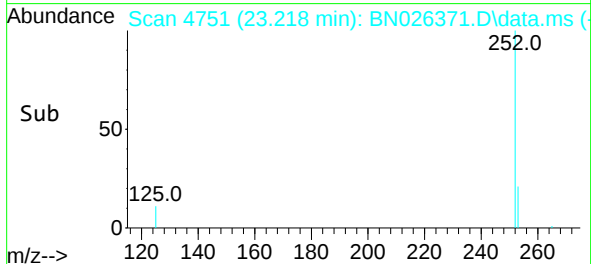
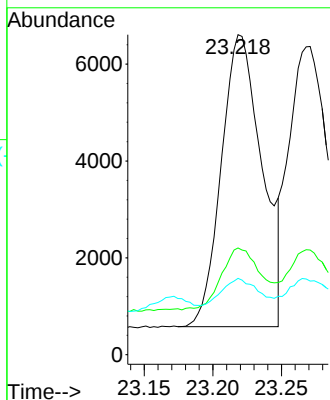
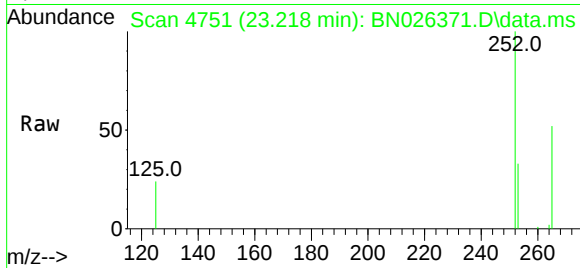




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 23.218 min Scan# 4751
Delta R.T. -0.021 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

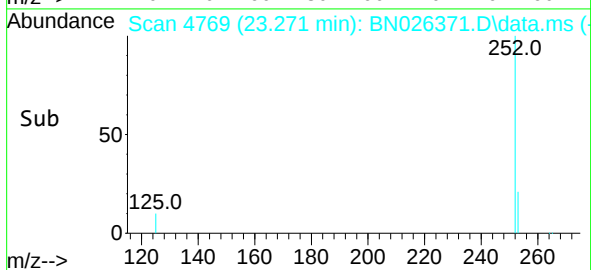
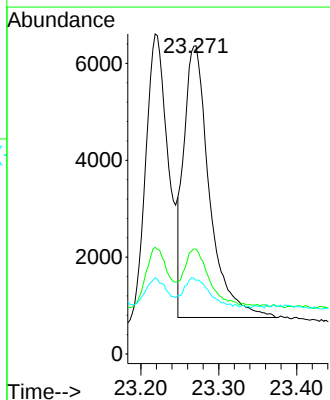
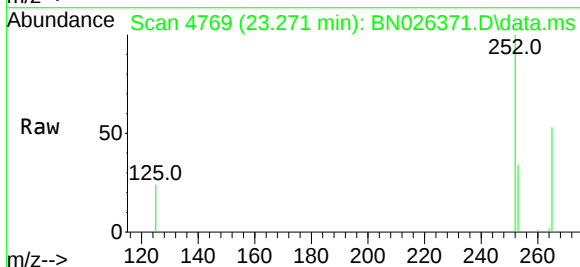
Instrument :
BNA_N
ClientSampleId :
YBW77MSD

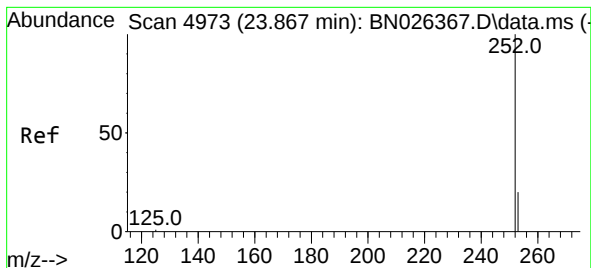
Tgt Ion:252 Resp: 12470
Ion Ratio Lower Upper
252 100
253 33.4 0.0 55.6
125 23.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. -0.015 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:252 Resp: 12752
Ion Ratio Lower Upper
252 100
253 33.9 23.2 34.8
125 23.9 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.298 ng/ul

RT: 23.862 min Scan# 4973

Delta R.T. -0.023 min

Lab File: BN026371.D

Acq: 07 Jul 2023 23:11

Instrument :

BNA_N

ClientSampleId :

YBW77MSD

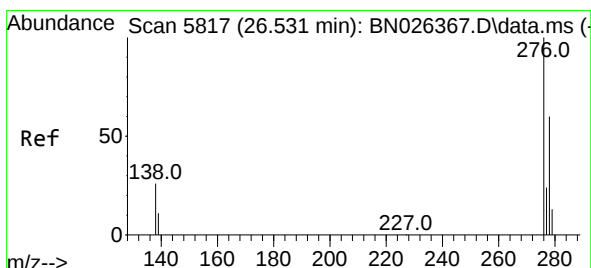
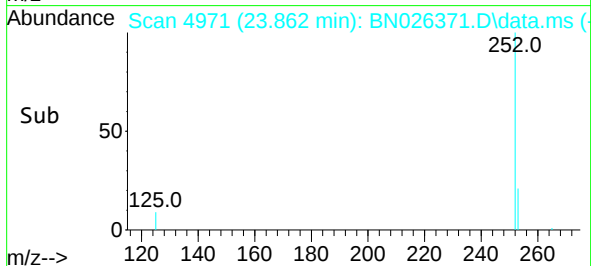
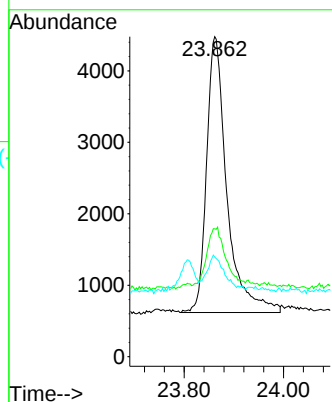
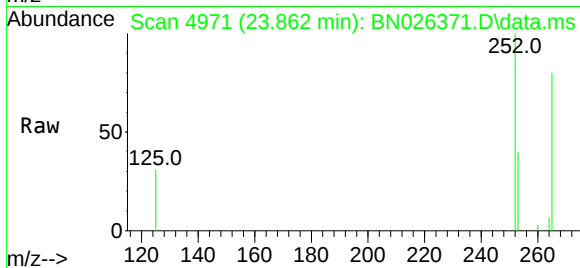
Tgt Ion:252 Resp: 10962

Ion Ratio Lower Upper

252 100

253 40.0 26.0 39.0#

125 31.2 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng/ul

RT: 26.524 min Scan# 5815

Delta R.T. -0.047 min

Lab File: BN026371.D

Acq: 07 Jul 2023 23:11

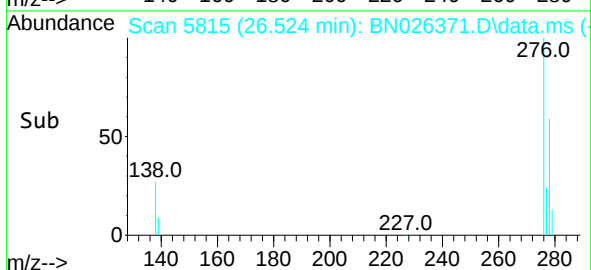
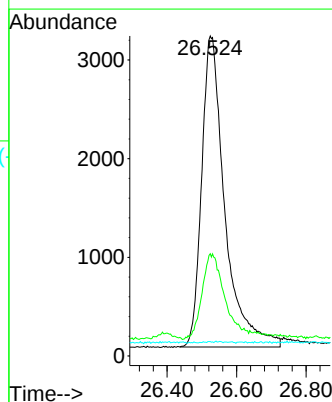
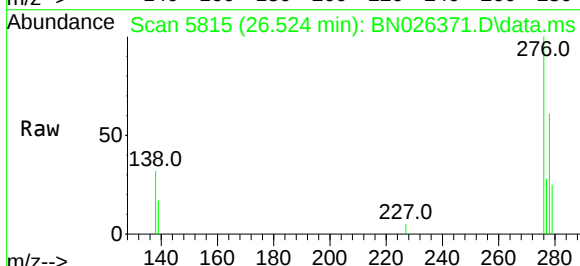
Tgt Ion:276 Resp: 14598

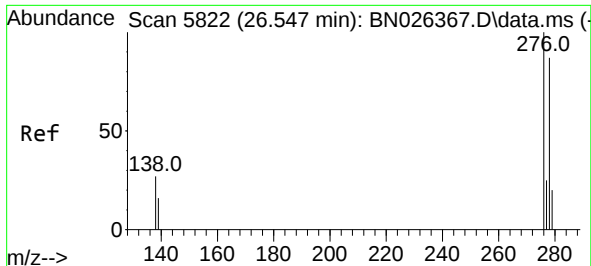
Ion Ratio Lower Upper

276 100

138 29.2 24.5 36.7

227 0.1 0.0 0.0#

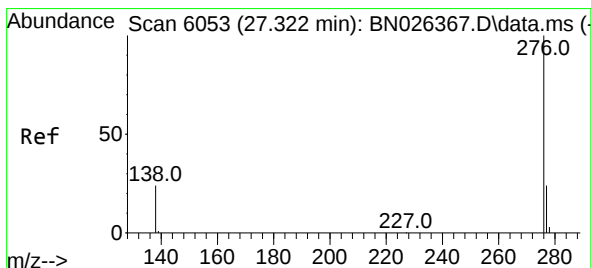
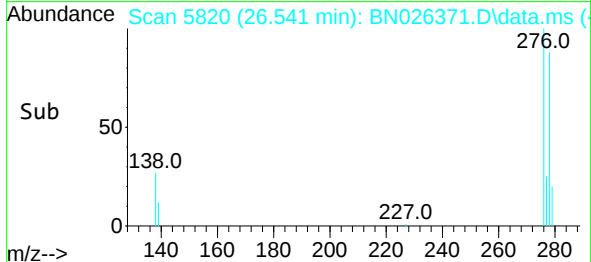
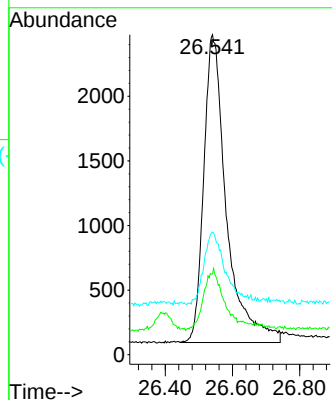
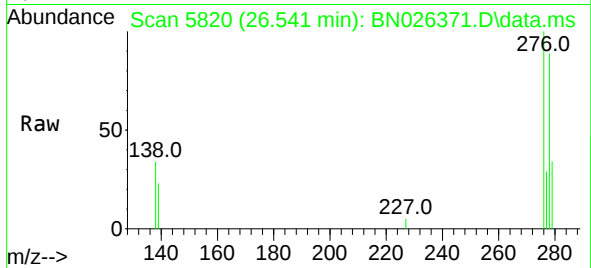




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.044 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Instrument :
BNA_N
ClientSampleId :
YBW77MSD

Tgt Ion:278 Resp: 11169
Ion Ratio Lower Upper
278 100
139 25.3 19.0 28.4
279 38.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.312 min Scan# 6050
Delta R.T. -0.060 min
Lab File: BN026371.D
Acq: 07 Jul 2023 23:11

Tgt Ion:276 Resp: 13088
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 26.7 20.0 30.0

