

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026342.D
 Acq On : 06 Jul 2023 22:34
 Operator : MA/JU
 Sample : 03258-09MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGW7MS

Quant Time: Jul 07 00:58:37 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

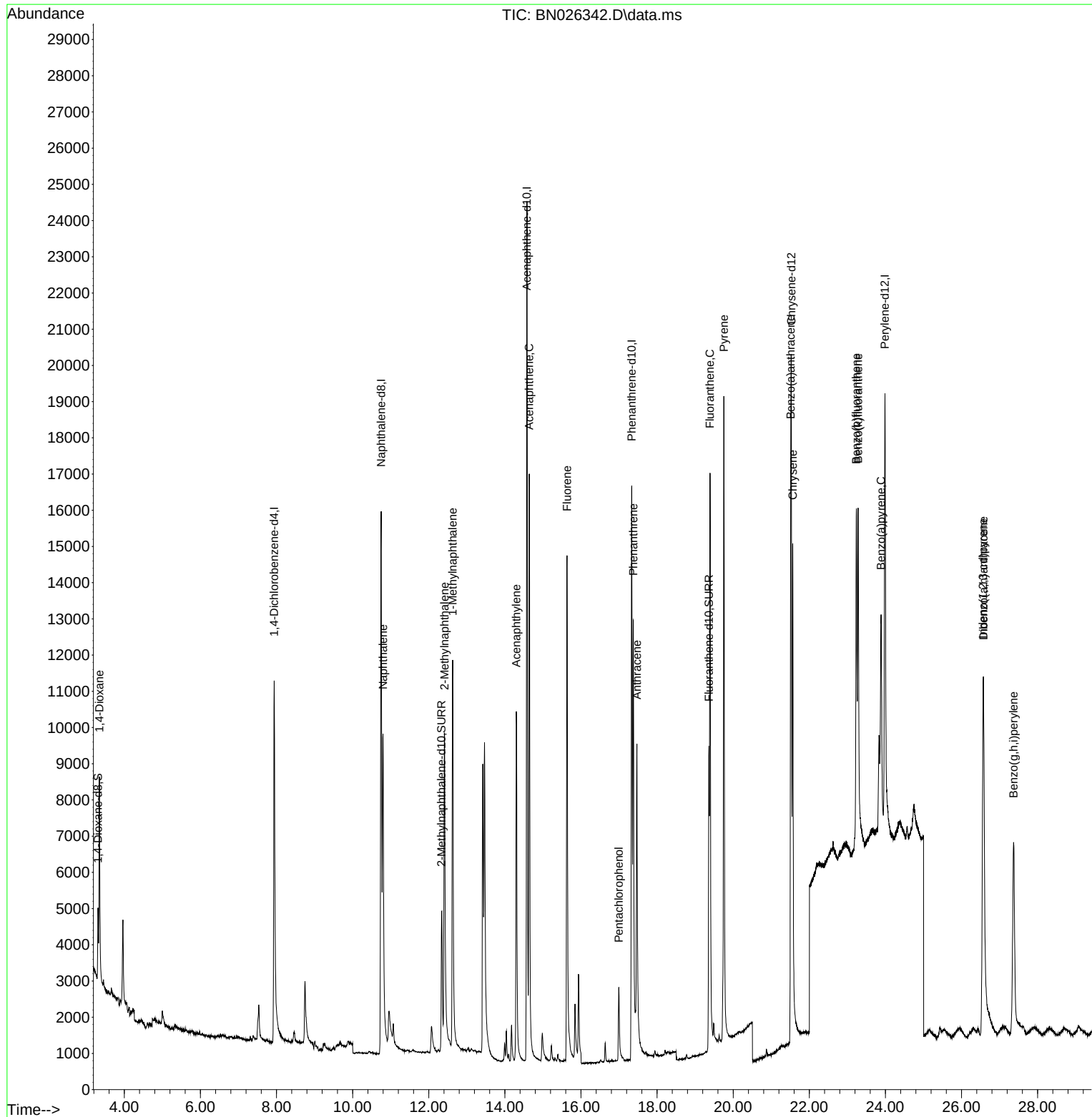
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	27121	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	15121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	23753	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.526	240	15407	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	16980	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	1482	0.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	7154	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	11604	0.198	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	4173	0.446	ng/ul	91
5) Naphthalene	10.797	128	15003	0.193	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	8630	0.174	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	9275	0.181	ng/ul	100
10) Acenaphthylene	14.302	152	14160	0.200	ng/ul	100
11) Acenaphthene	14.639	153	11134	0.192	ng/ul	100
12) Fluorene	15.634	166	11703	0.176	ng/ul	97
14) Pentachlorophenol	16.996	266	1856	0.218	ng/ul	99
15) Phenanthrene	17.376	178	15235	0.194	ng/ul	99
16) Anthracene	17.469	178	12210	0.175	ng/ul	96
19) Fluoranthene	19.391	202	16058	0.195	ng/ul	96
20) Pyrene	19.754	202	18202	0.213	ng/ul	98
21) Benzo(a)anthracene	21.511	228	13192	0.208	ng/ul	98
22) Chrysene	21.564	228	13729	0.208	ng/ul	98
24) Benzo(b)fluoranthene	23.236	252	13333	0.184	ng/ul	87
25) Benzo(k)fluoranthene	23.282	252	14291	0.196	ng/ul#	90
26) Benzo(a)pyrene	23.885	252	11820	0.188	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.567	276	15781	0.230	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.577	278	12328	0.237	ng/ul	96
29) Benzo(g,h,i)perylene	27.366	276	13660	0.223	ng/ul	97

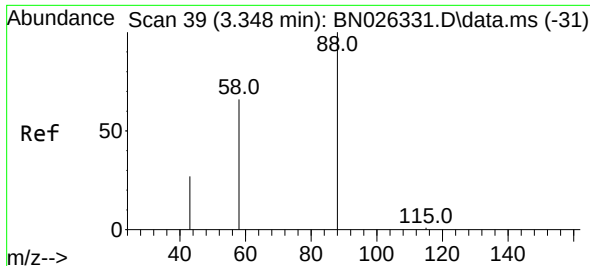
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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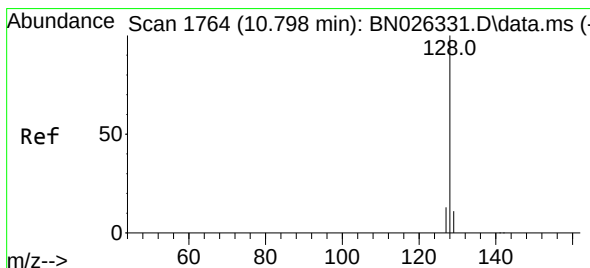
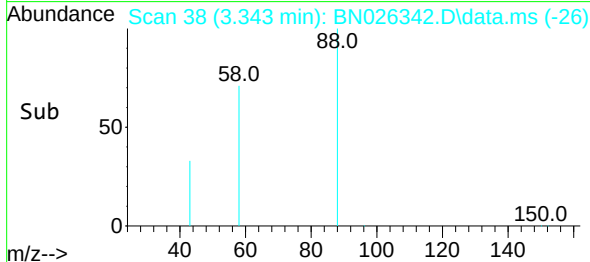
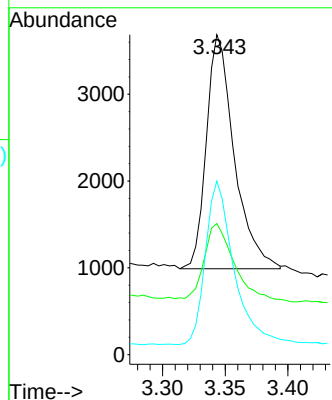
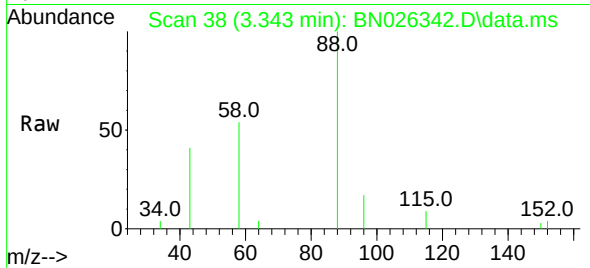




#2
 1,4-Dioxane
 Concen: 0.446 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026342.D
 Acq: 06 Jul 2023 22:34

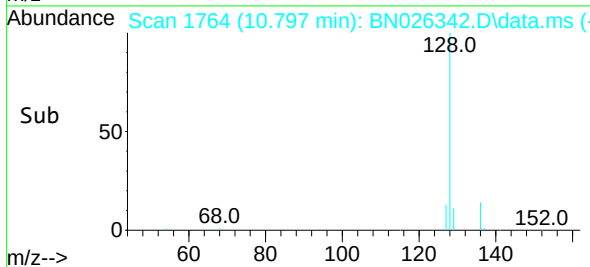
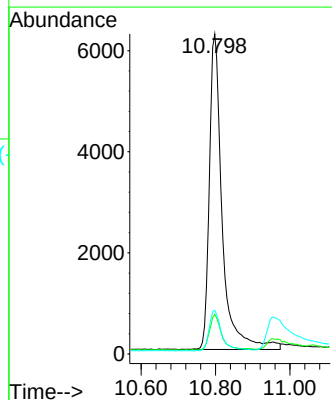
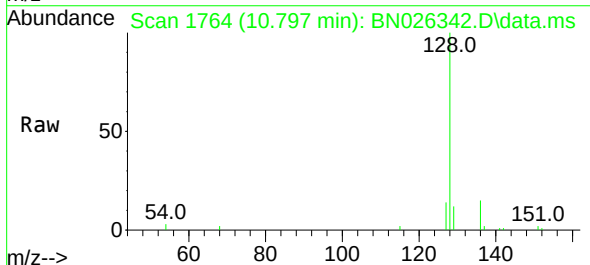
Instrument :
 BNA_N
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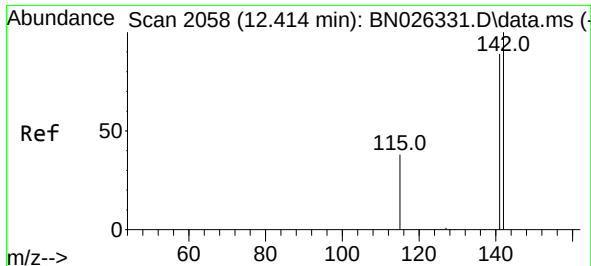
Tgt Ion: 88 Resp: 4173
 Ion Ratio Lower Upper
 88 100
 43 41.0 29.5 44.3
 58 54.2 37.4 56.2



#5
 Naphthalene
 Concen: 0.193 ng/ul
 RT: 10.797 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BN026342.D
 Acq: 06 Jul 2023 22:34

Tgt Ion: 128 Resp: 15003
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.1 13.7
 127 13.6 10.7 16.1

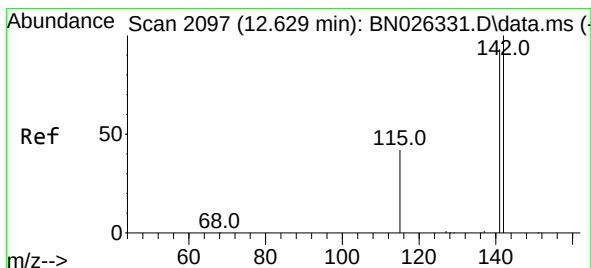
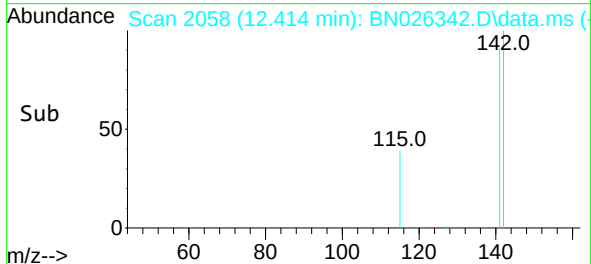
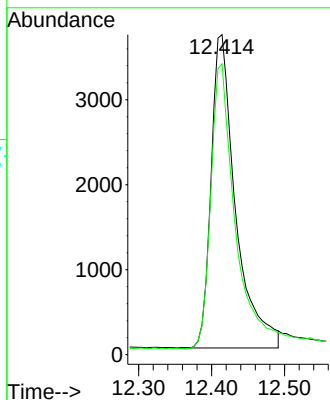
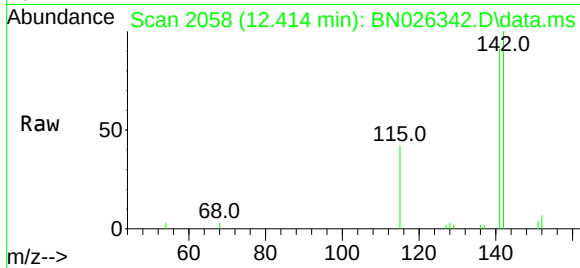




#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

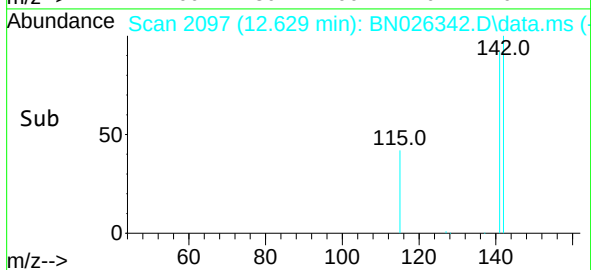
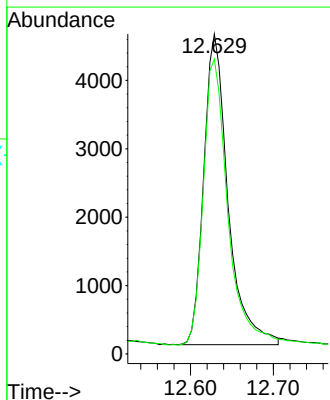
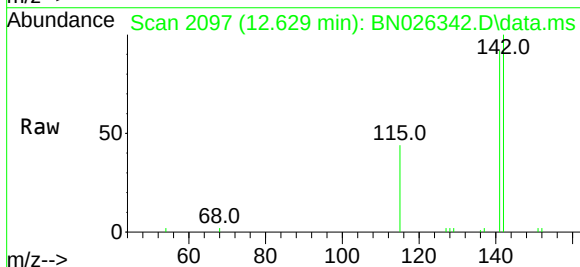
Instrument :
BNA_N
ClientSampleId :
DCGW7MS

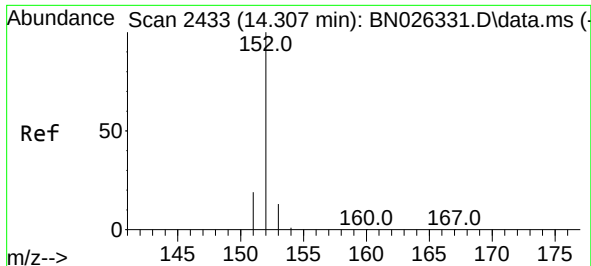
Tgt Ion:142 Resp: 8630
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:142 Resp: 9275
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4

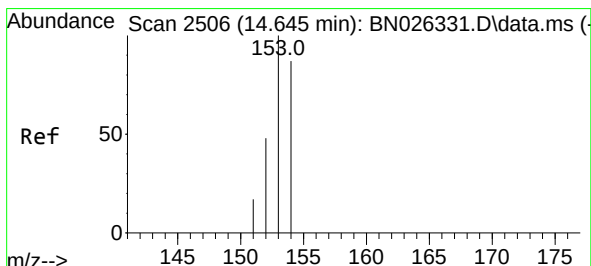
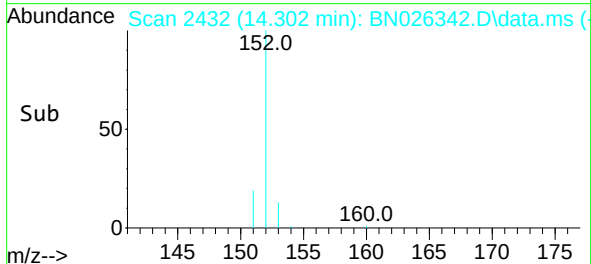
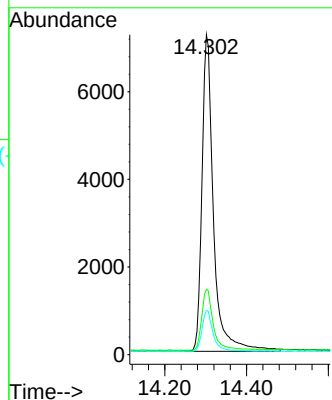
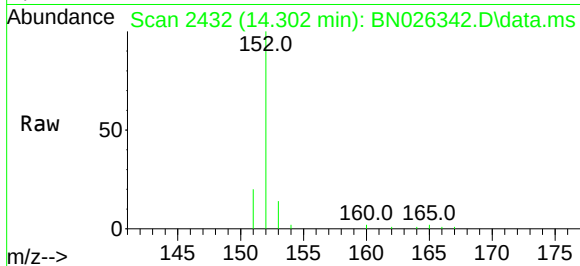




#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

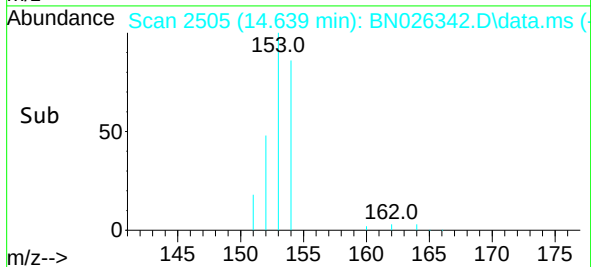
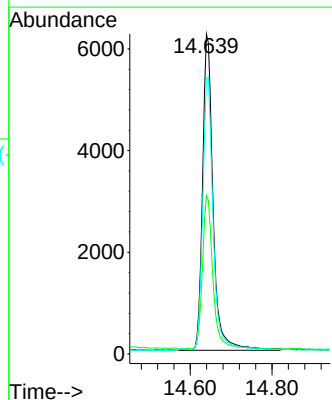
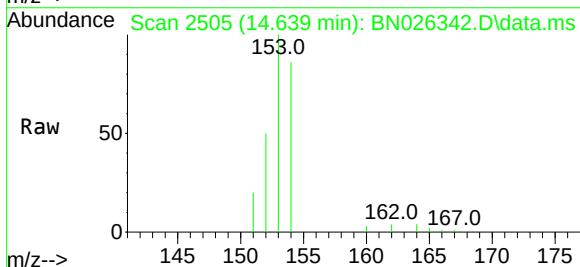
Instrument :
BNA_N
ClientSampleId :
DCGW7MS

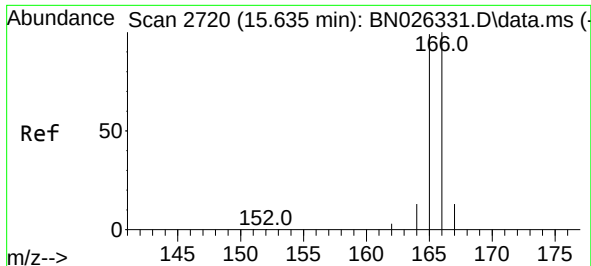
Tgt Ion:152 Resp: 14160
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:153 Resp: 11134
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 86.2 68.9 103.3

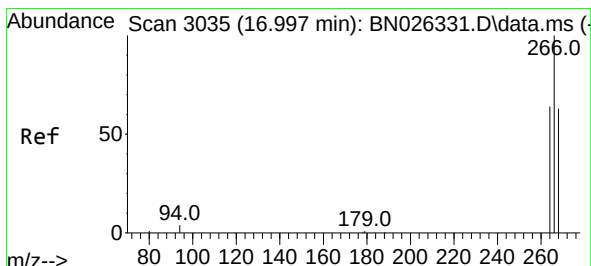
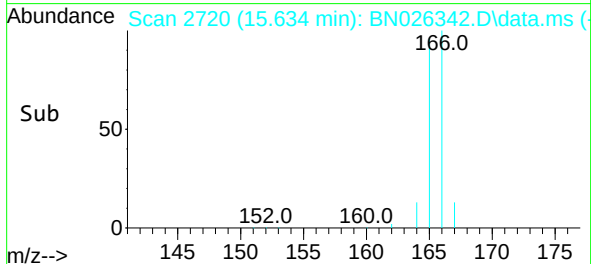
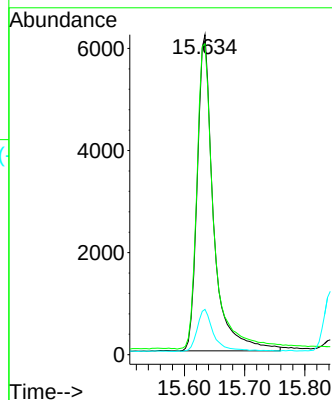
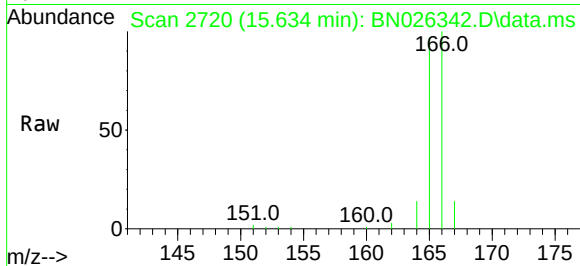




#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

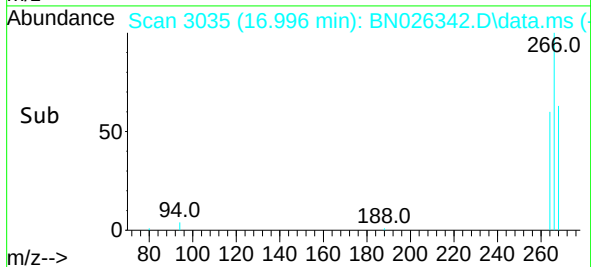
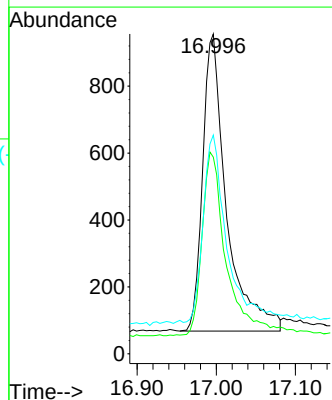
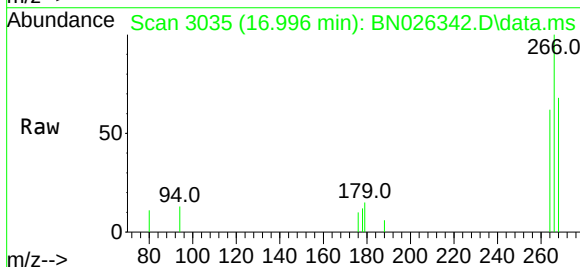
Instrument :
BNA_N
ClientSampleId :
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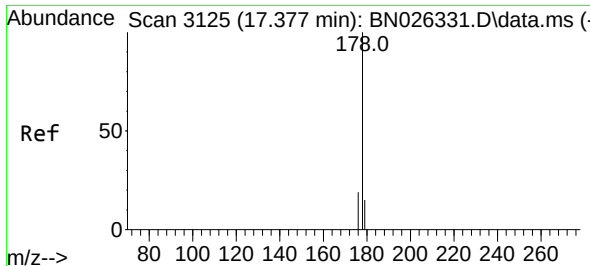
Tgt Ion:166 Resp: 11703
Ion Ratio Lower Upper
166 100
165 97.2 79.9 119.9
167 14.1 10.8 16.2



#14
Pentachlorophenol
Concen: 0.218 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:266 Resp: 1856
Ion Ratio Lower Upper
266 100
264 63.0 50.5 75.7
268 63.1 51.6 77.4

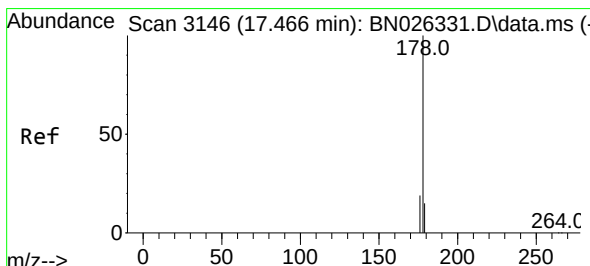
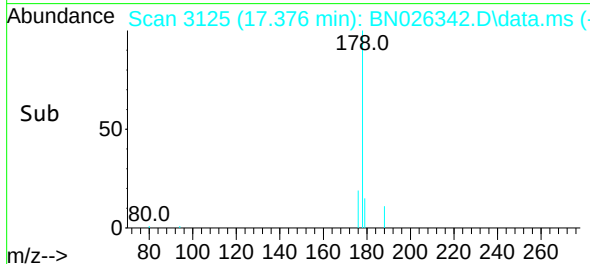
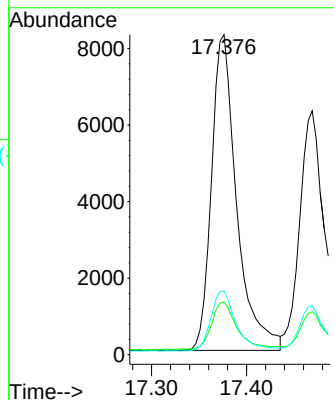
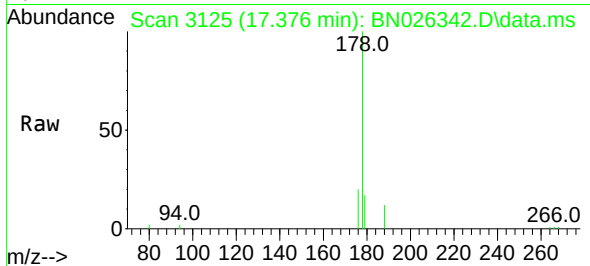




#15
Phenanthrene
Concen: 0.194 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

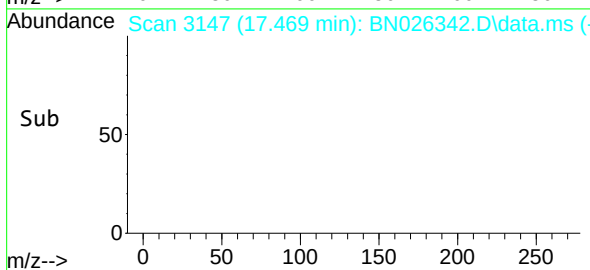
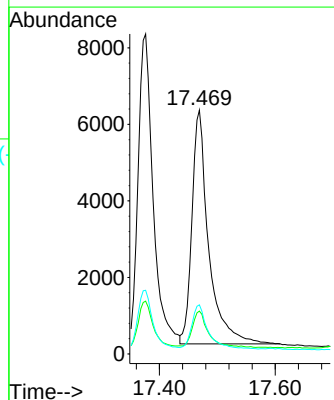
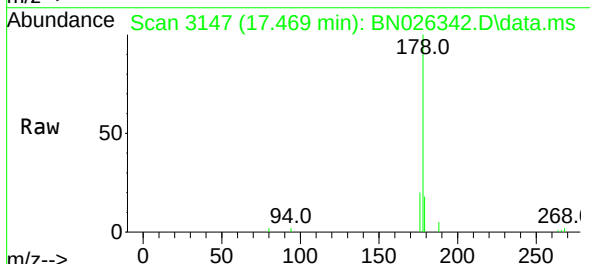
Instrument :
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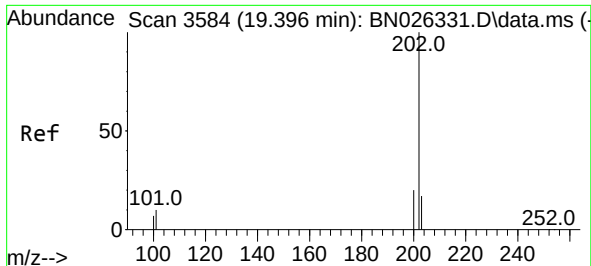
Tgt Ion:178	Resp:	15235
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.6 19.0
176	19.9	15.8 23.6



#16
Anthracene
Concen: 0.175 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:178	Resp:	12210
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.6 18.8
176	20.1	15.1 22.7

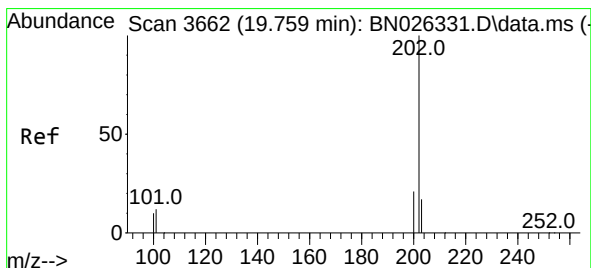
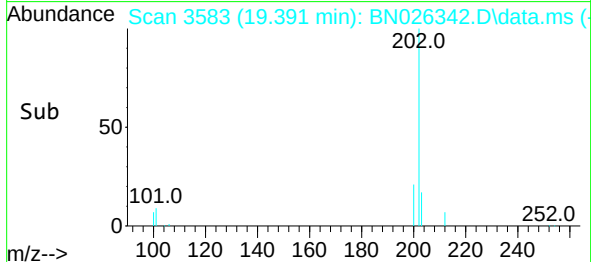
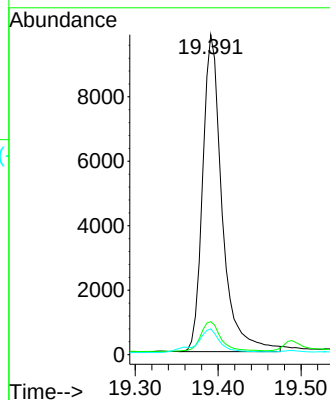
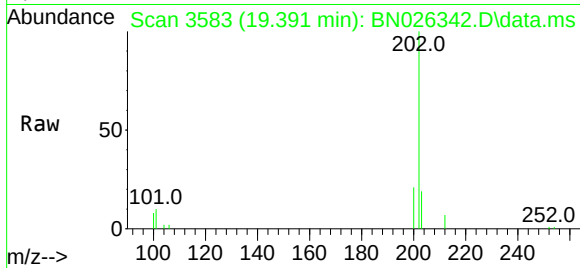




#19
Fluoranthene
Concen: 0.195 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

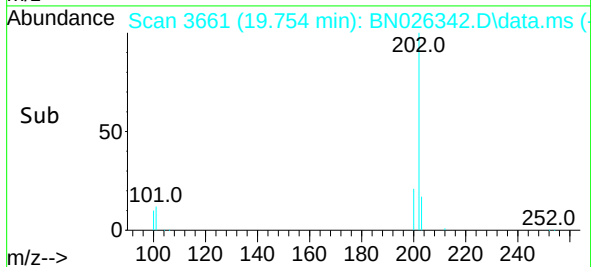
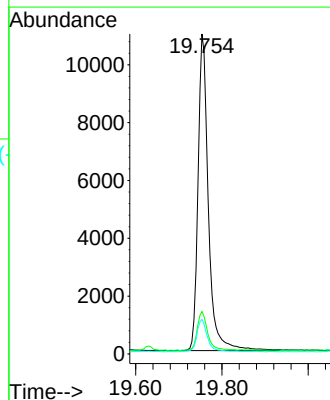
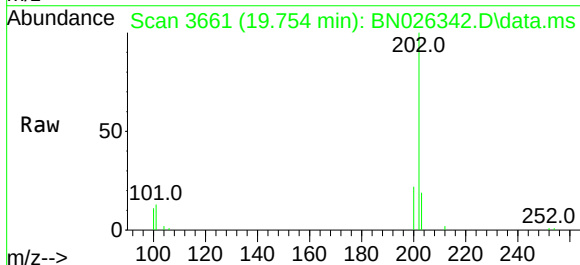
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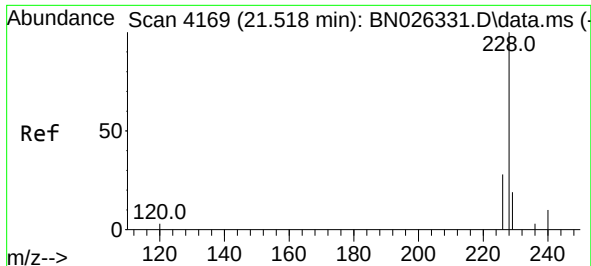
Tgt Ion:202 Resp: 16058
Ion Ratio Lower Upper
202 100
101 10.3 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 0.213 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:202 Resp: 18202
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.8 9.1 13.7

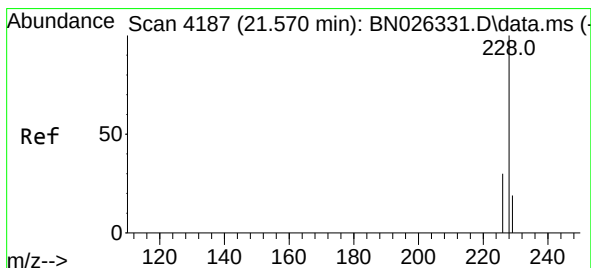
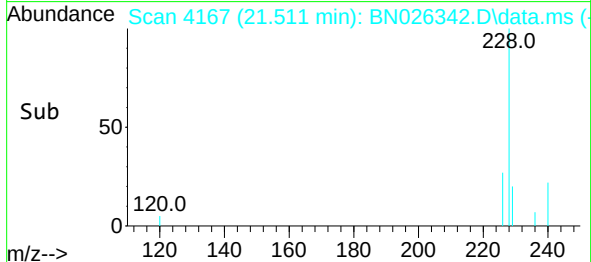
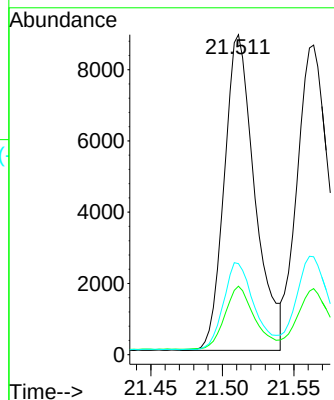
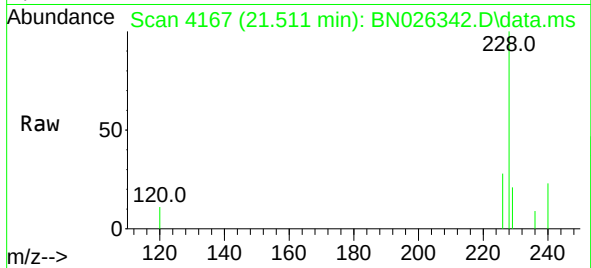




#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

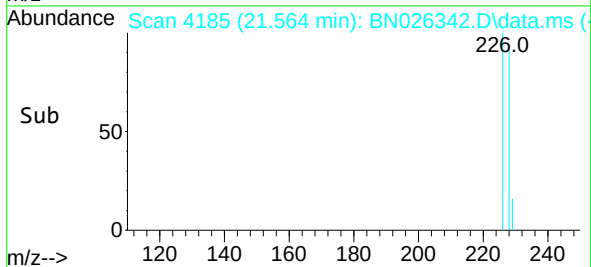
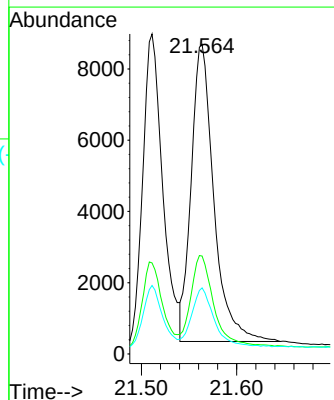
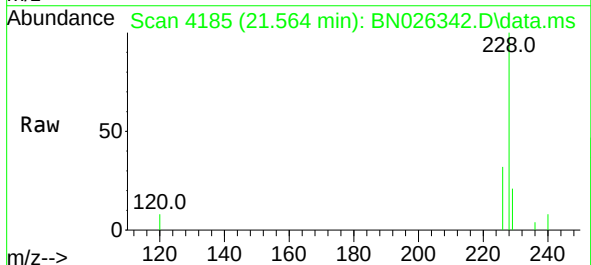
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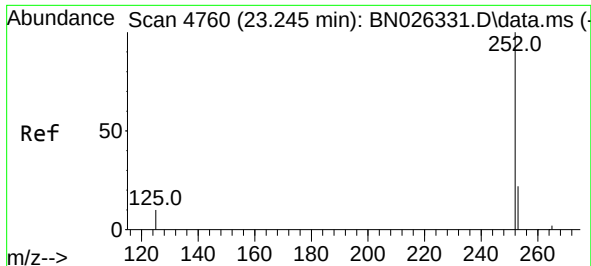
Tgt Ion:228 Resp: 13192
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:228 Resp: 13729
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 21.4 15.7 23.5

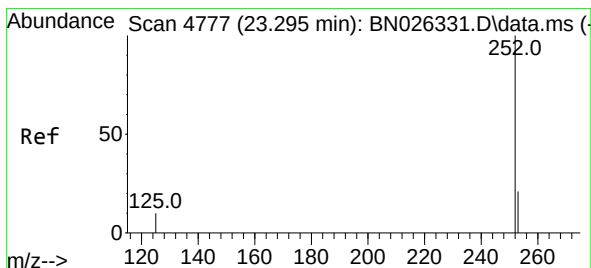
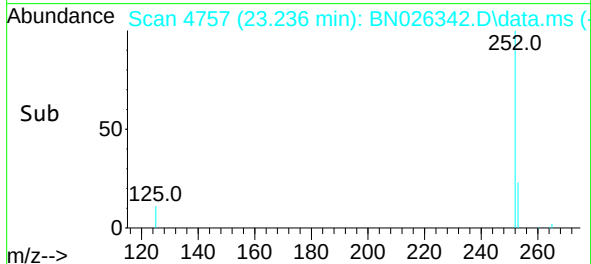
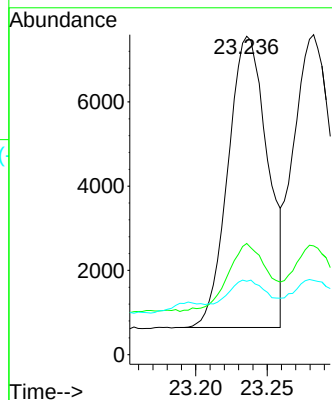
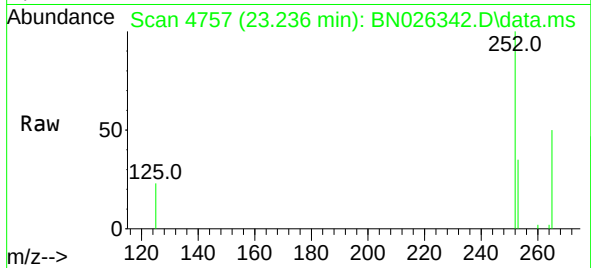




#24
Benzo(b)fluoranthene
Concen: 0.184 ng/ul
RT: 23.236 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

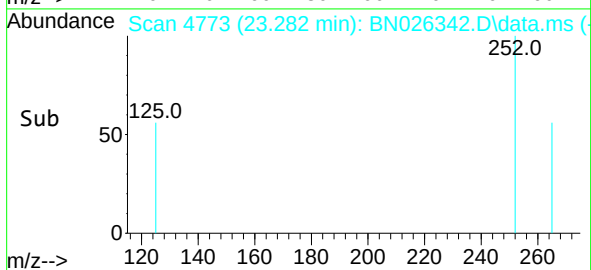
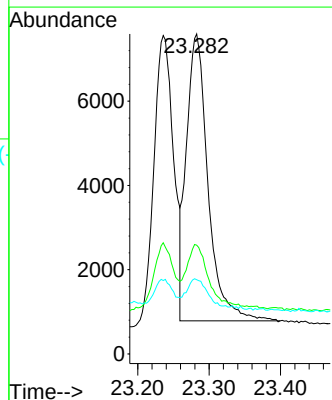
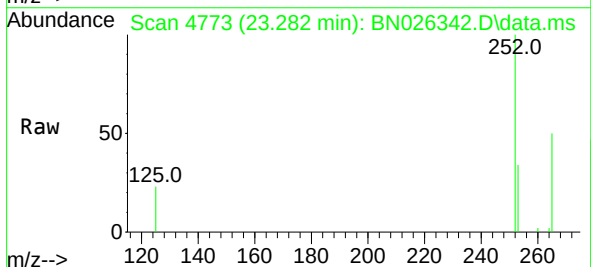
Instrument :
BNA_N
ClientSampleId :
DCGW7MS

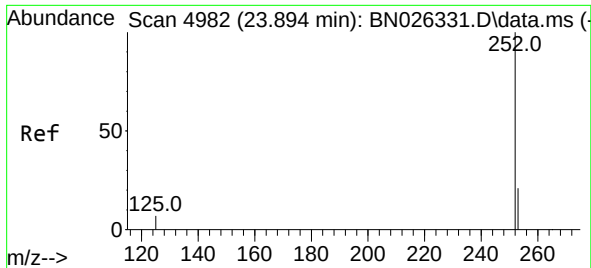
Tgt Ion:252 Resp: 13333
Ion Ratio Lower Upper
252 100
253 34.9 0.0 55.6
125 23.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul
RT: 23.282 min Scan# 4773
Delta R.T. -0.003 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:252 Resp: 14291
Ion Ratio Lower Upper
252 100
253 34.0 23.2 34.8
125 23.2 15.0 22.4#

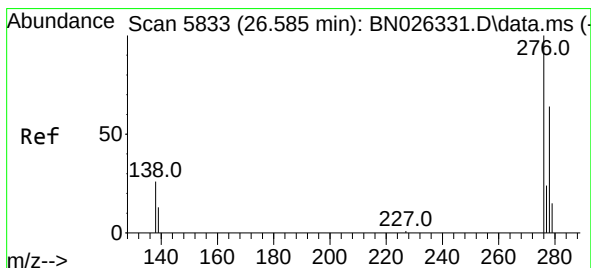
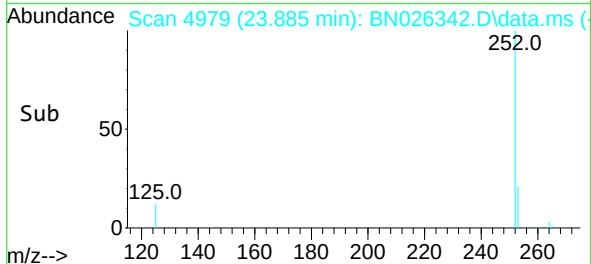
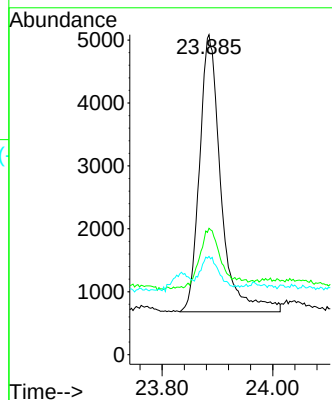
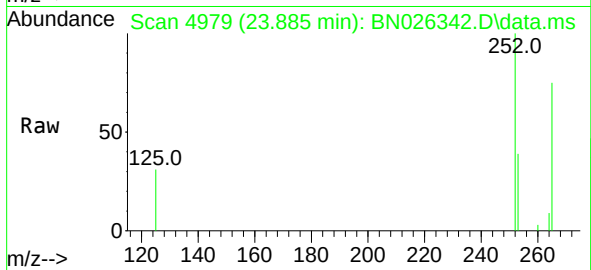




#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.885 min Scan# 4982
Delta R.T. -0.000 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

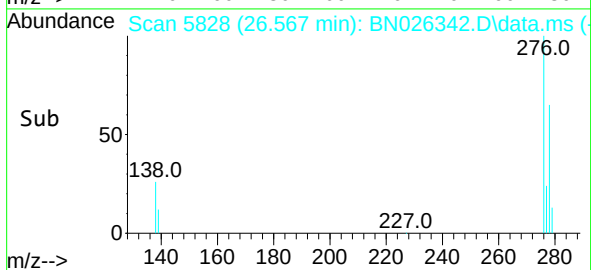
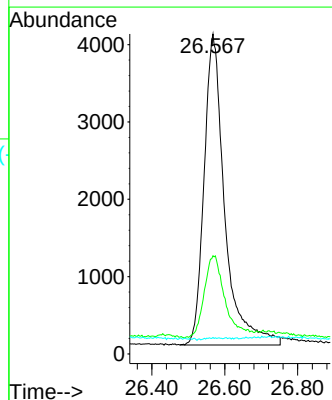
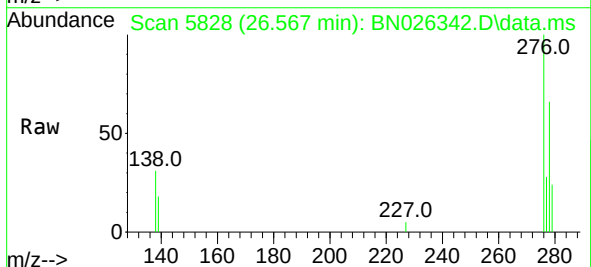
Instrument :
BNA_N
ClientSampleId :
DCGW7MS

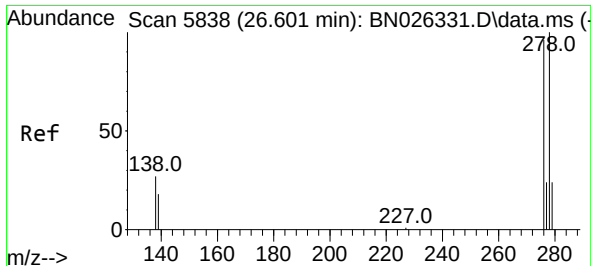
Tgt Ion:252 Resp: 11820
Ion Ratio Lower Upper
252 100
253 39.5 26.0 39.0#
125 30.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.004 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:276 Resp: 15781
Ion Ratio Lower Upper
276 100
138 27.0 24.5 36.7
227 0.1 0.0 0.0#

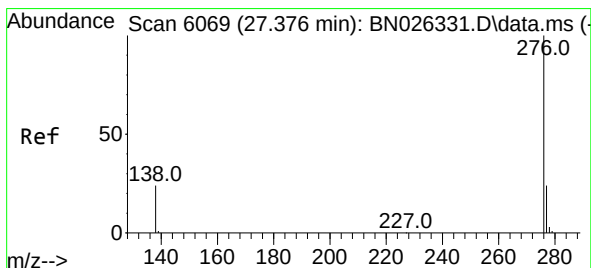
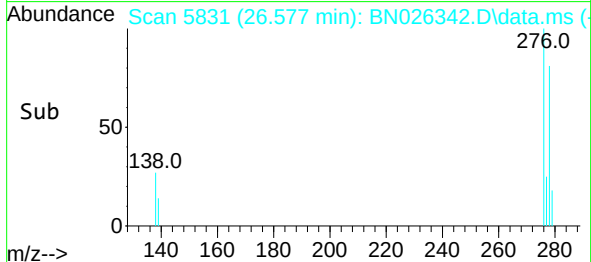
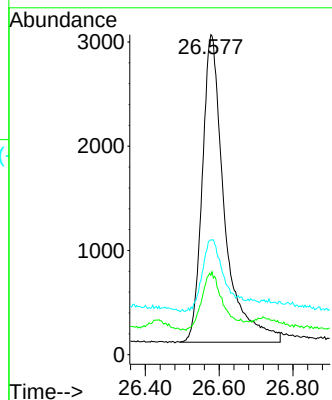
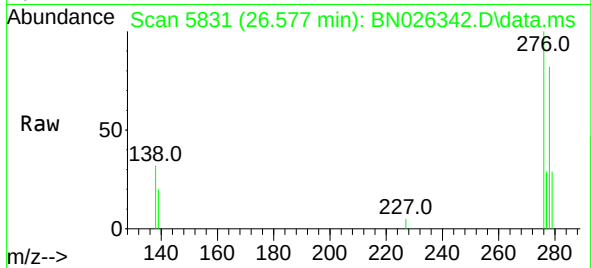




#28
Dibenzo(a,h)anthracene
Concen: 0.237 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Instrument :
BNA_N
ClientSampleId :
DCGW7MS

Tgt Ion:278 Resp: 12328
Ion Ratio Lower Upper
278 100
139 24.8 19.0 28.4
279 35.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.007 min
Lab File: BN026342.D
Acq: 06 Jul 2023 22:34

Tgt Ion:276 Resp: 13660
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 27.8 20.0 30.0

