

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029674.D
 Acq On : 11 Feb 2024 08:04
 Operator : MA/JU
 Sample : PB158928BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS928

Quant Time: Feb 11 23:25:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

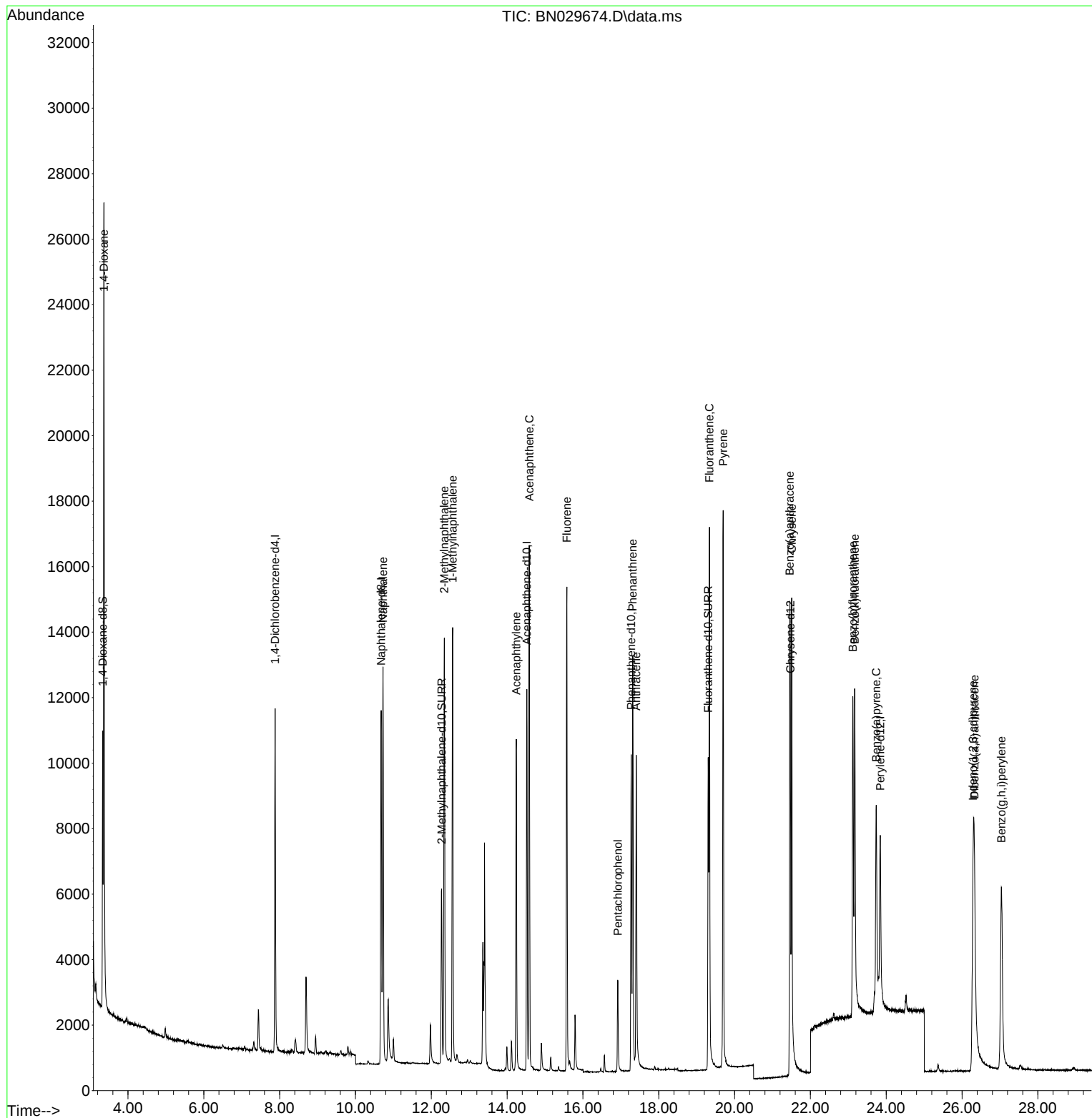
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	15173	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	6475	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	11412	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	8268	0.400	ng/ul	0.00
23) Perylene-d12	23.843	264	8256	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	5303	0.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.273	152	7676	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	10816	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.366	88	17025	2.283	ng/ul#	88
5) Naphthalene	10.727	128	17112	0.401	ng/ul	99
7) 2-Methylnaphthalene	12.344	142	9633	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	9555	0.383	ng/ul	100
10) Acenaphthylene	14.243	152	12511	0.396	ng/ul	99
11) Acenaphthene	14.585	153	9624	0.401	ng/ul	100
12) Fluorene	15.575	166	9865	0.393	ng/ul	99
14) Pentachlorophenol	16.917	266	2049	0.805	ng/ul#	50
15) Phenanthrene	17.314	178	14218	0.399	ng/ul	99
16) Anthracene	17.407	178	12074	0.403	ng/ul	99
19) Fluoranthene	19.337	202	14768	0.389	ng/ul	99
20) Pyrene	19.699	202	15251	0.392	ng/ul	99
21) Benzo(a)anthracene	21.455	228	12224	0.410	ng/ul	99
22) Chrysene	21.508	228	13583	0.416	ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	13537	0.436	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	15078	0.438	ng/ul	99
26) Benzo(a)pyrene	23.735	252	12381	0.424	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.292	276	15529	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.325	278	12230	0.440	ng/ul	99
29) Benzo(g,h,i)perylene	27.040	276	14236	0.442	ng/ul	98

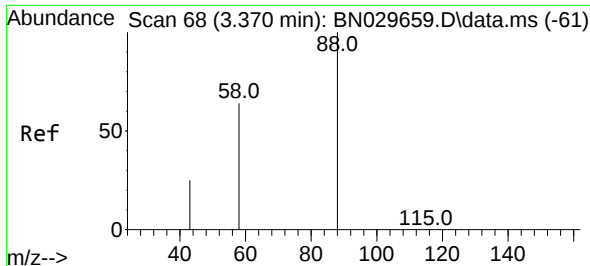
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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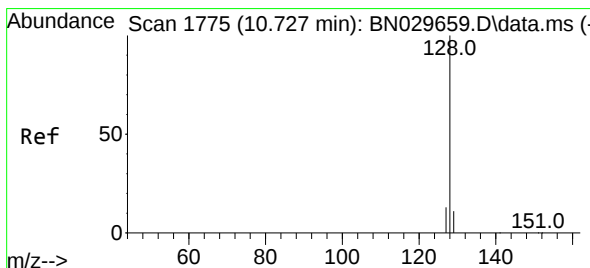
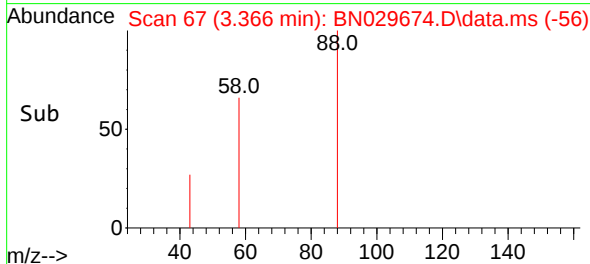
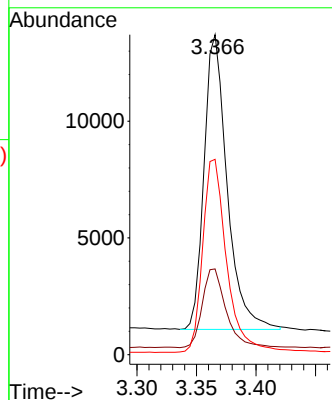
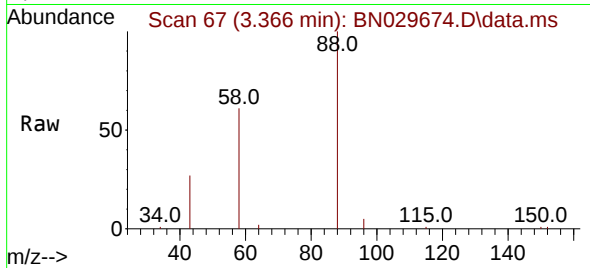




#2
1,4-Dioxane
Concen: 2.283 ng/ul
RT: 3.366 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

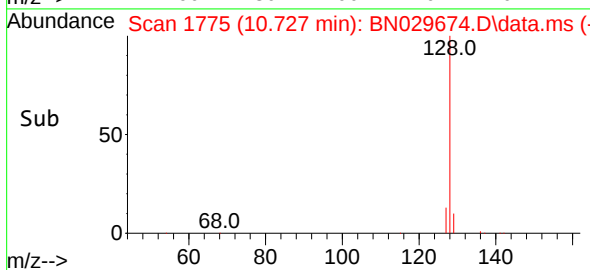
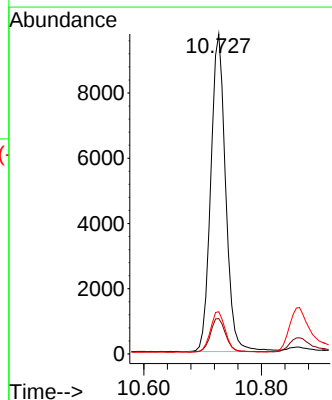
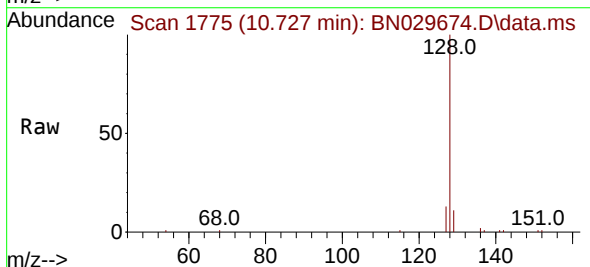
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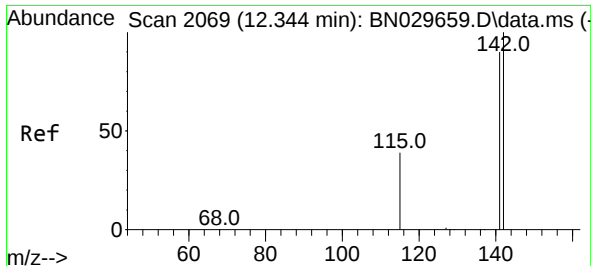
Tgt Ion: 88 Resp: 17025
Ion Ratio Lower Upper
88 100
43 26.8 21.8 32.6
58 61.1 39.3 58.9#



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:128 Resp: 17112
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 11.0 16.6

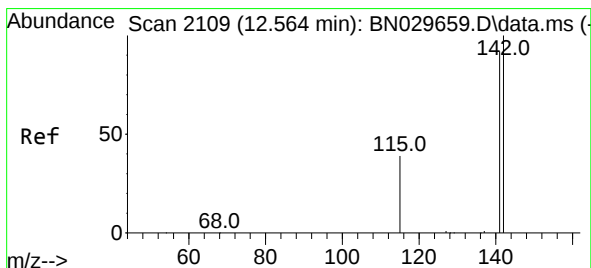
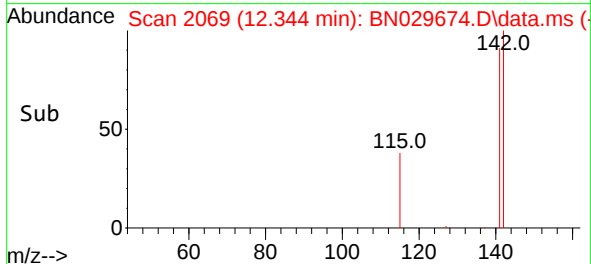
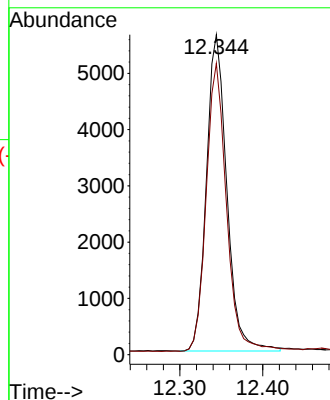
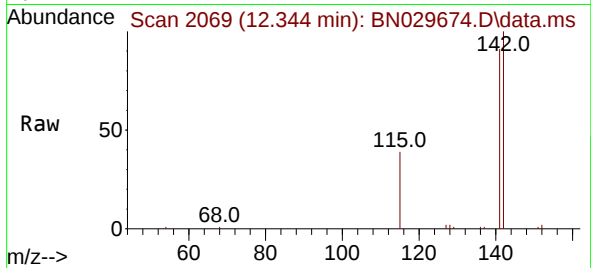




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

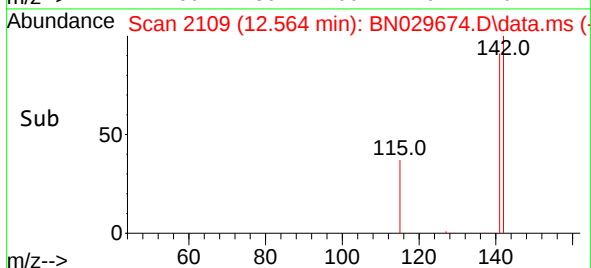
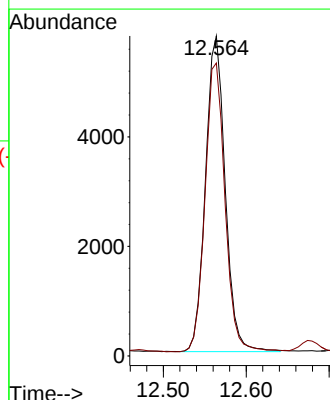
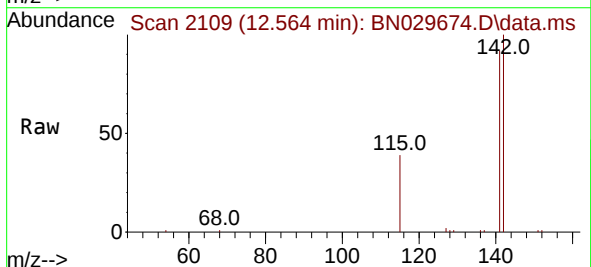
Instrument :
BNA_N
ClientSampleId :
SLCS928

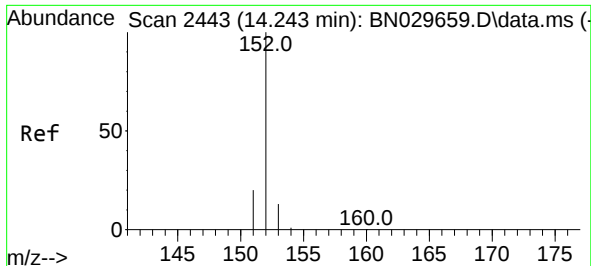
Tgt Ion:142 Resp: 9633
Ion Ratio Lower Upper
142 100
141 90.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:142 Resp: 9555
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

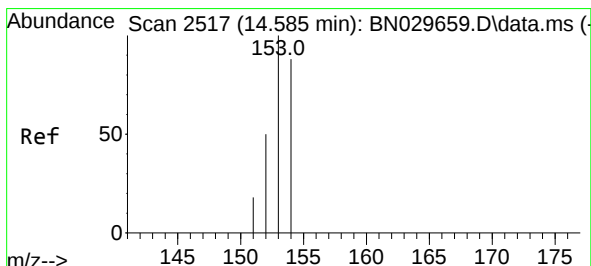
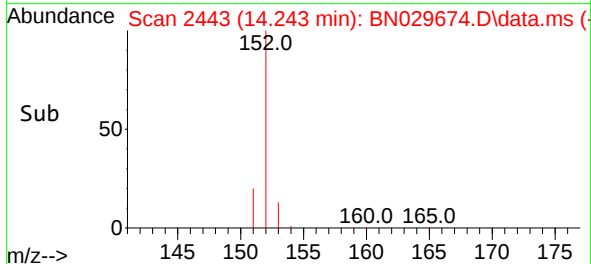
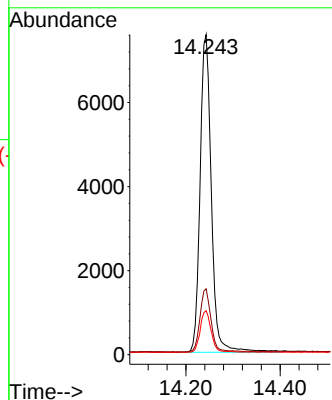
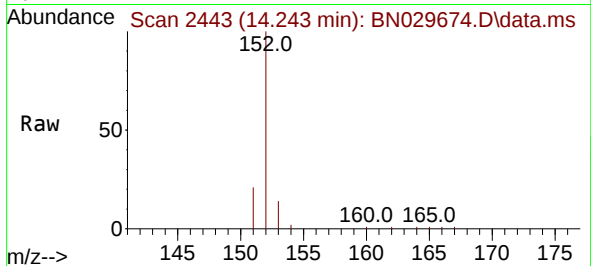




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

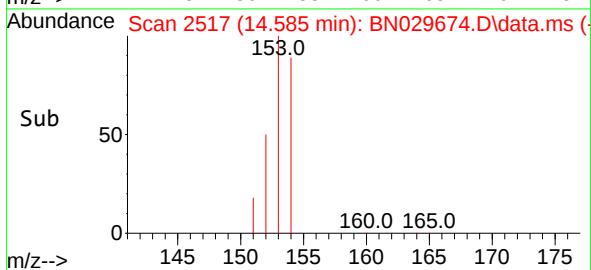
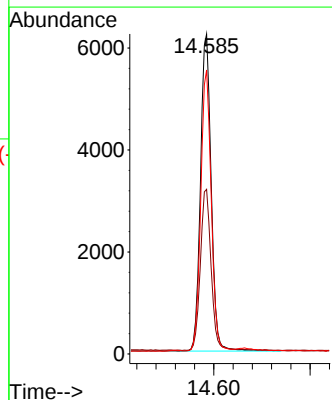
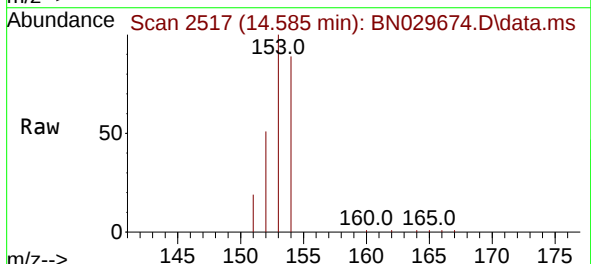
Instrument :
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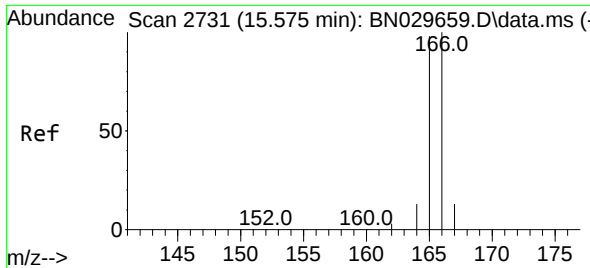
Tgt Ion:152	Resp:	12511
Ion Ratio	Lower	Upper
152	100	
151	20.6	15.8 23.8
153	13.8	10.9 16.3



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.585 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:153	Resp:	9624
Ion Ratio	Lower	Upper
153	100	
152	51.5	41.5 62.3
154	88.7	70.9 106.3

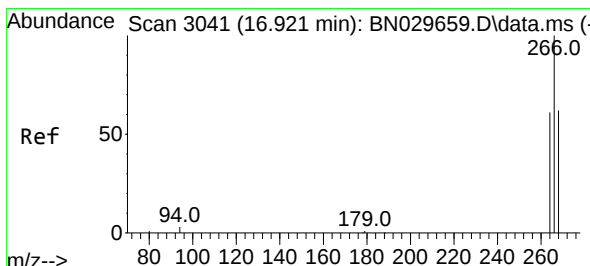
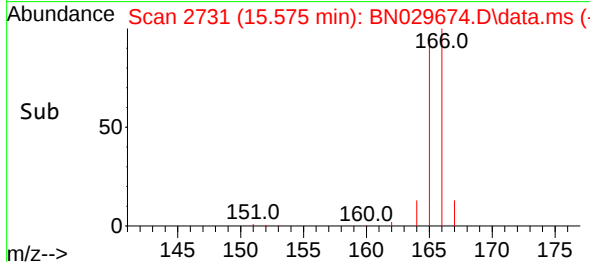
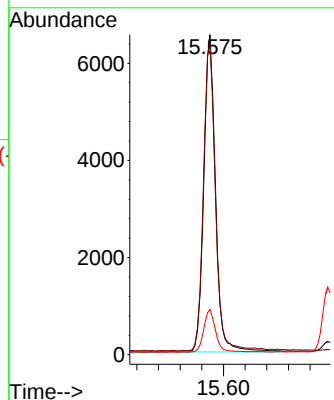
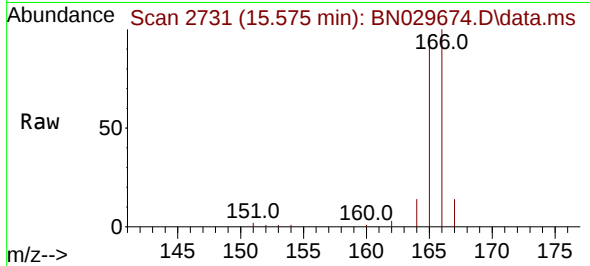




#12
 Fluorene
 Concen: 0.393 ng/ul
 RT: 15.575 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029674.D
 Acq: 11 Feb 2024 08:04

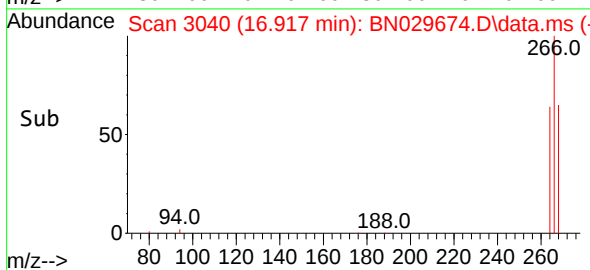
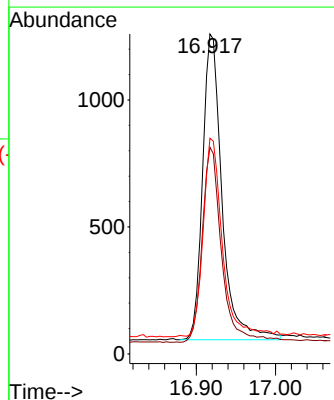
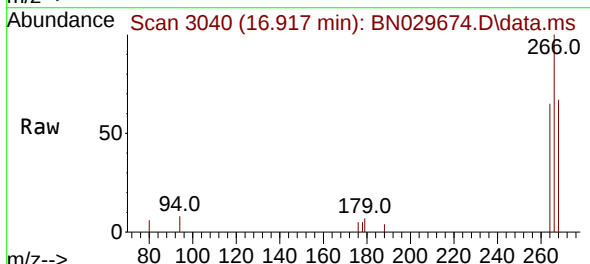
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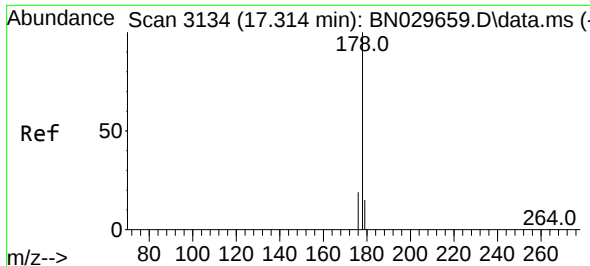
Tgt Ion:166 Resp: 9865
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.6 117.8
 167 14.1 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.805 ng/ul
 RT: 16.917 min Scan# 3040
 Delta R.T. -0.004 min
 Lab File: BN029674.D
 Acq: 11 Feb 2024 08:04

Tgt Ion:266 Resp: 2049
 Ion Ratio Lower Upper
 266 100
 264 63.6 0.0 0.0#
 268 64.6 0.2 0.2#

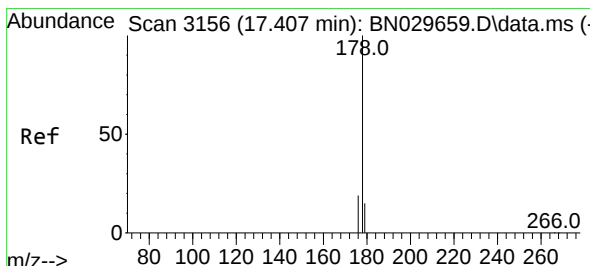
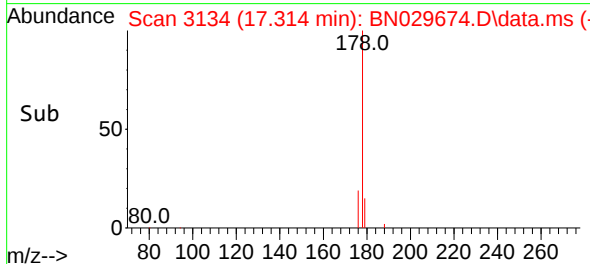
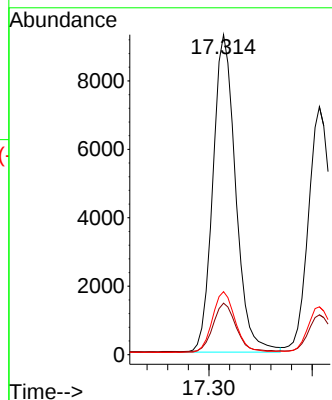
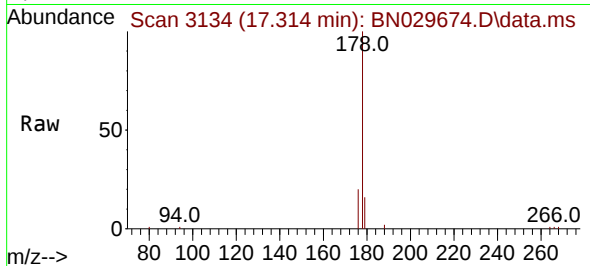




#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.314 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

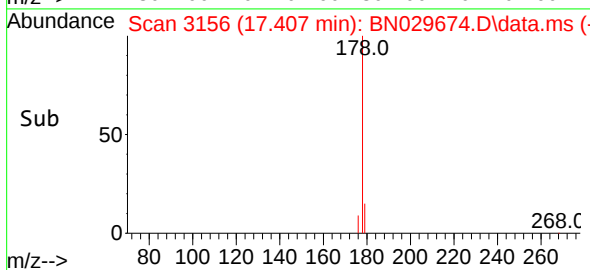
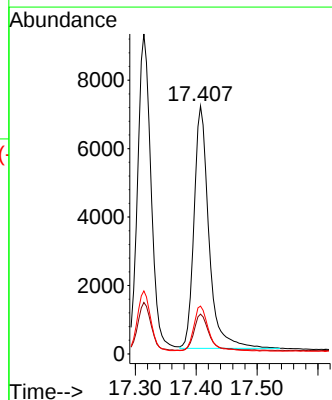
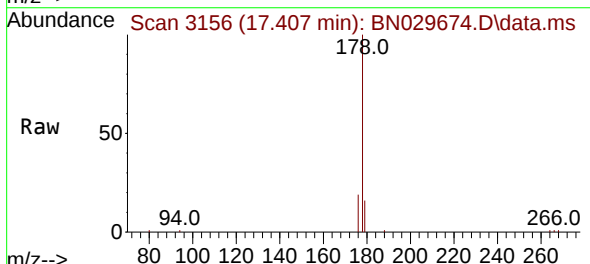
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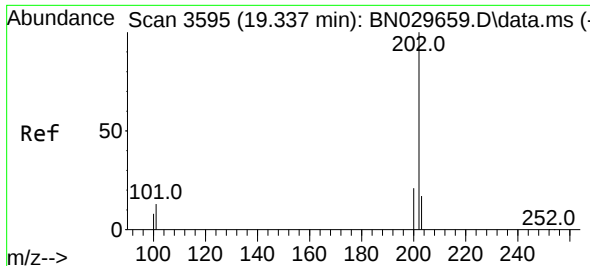
Tgt Ion:178 Resp: 14218
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.403 ng/u1
RT: 17.407 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:178 Resp: 12074
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.8

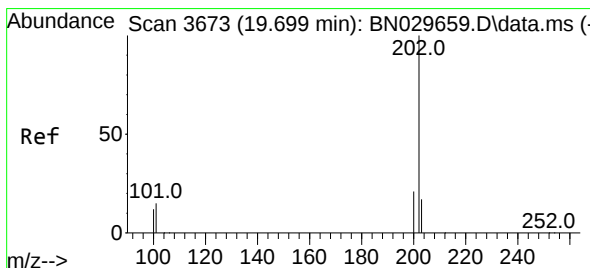
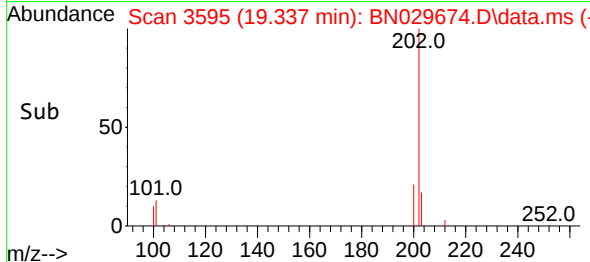
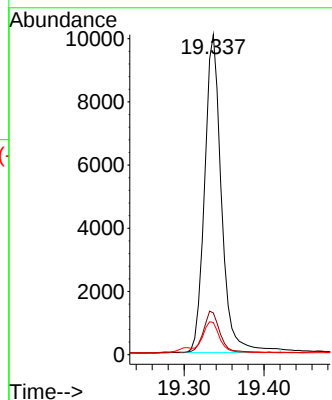
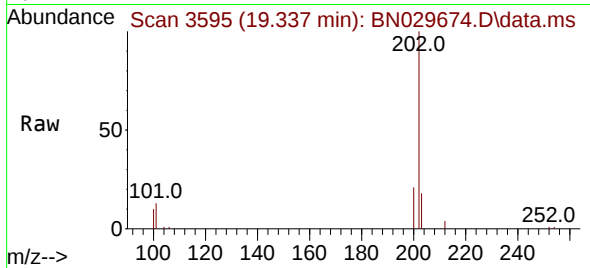




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.337 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

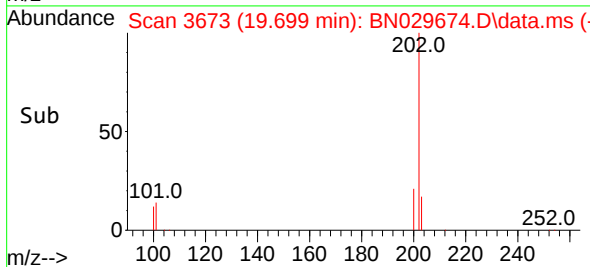
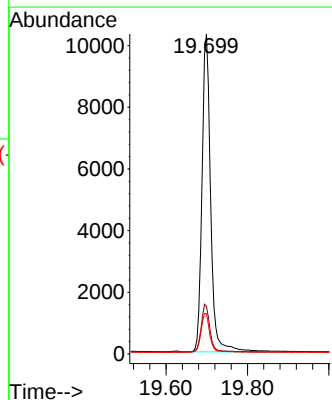
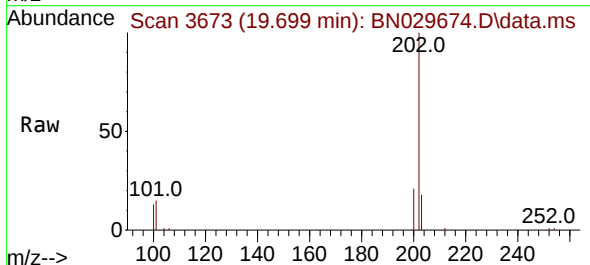
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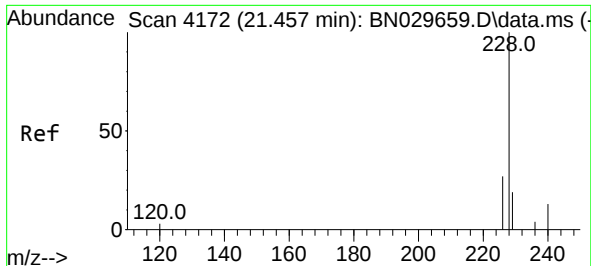
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
100	10.0	8.5	12.7



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.5	18.7
100	12.6	10.0	15.0

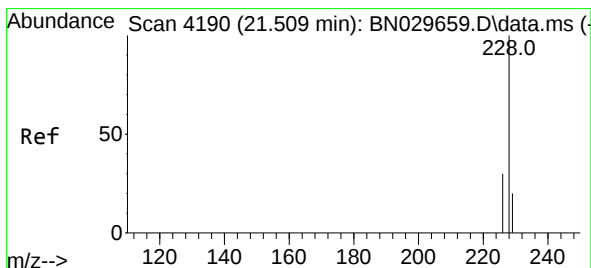
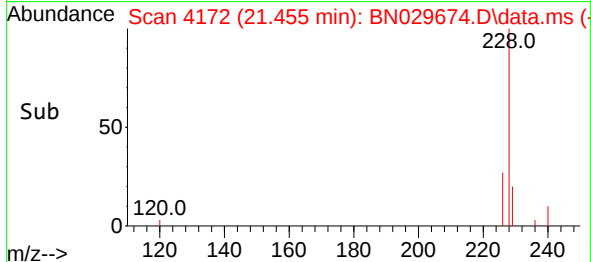
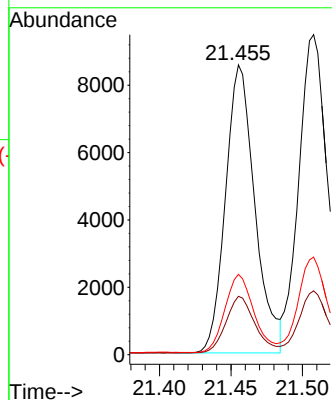
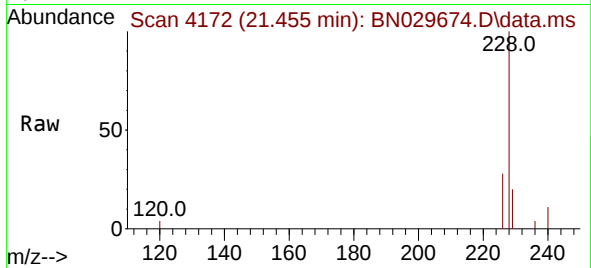




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

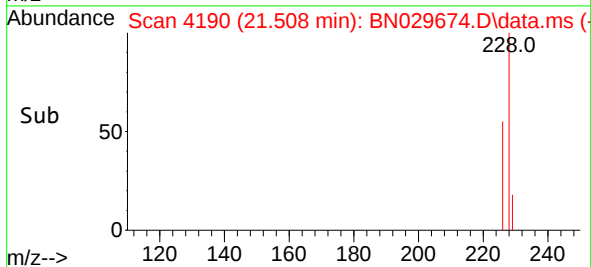
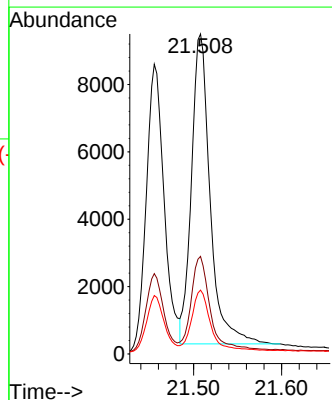
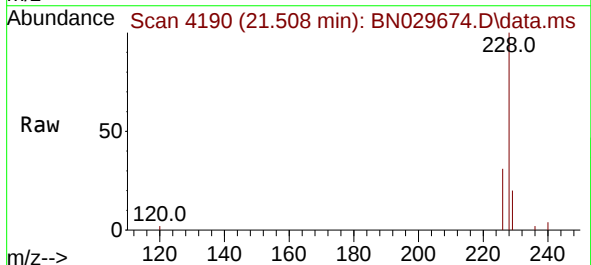
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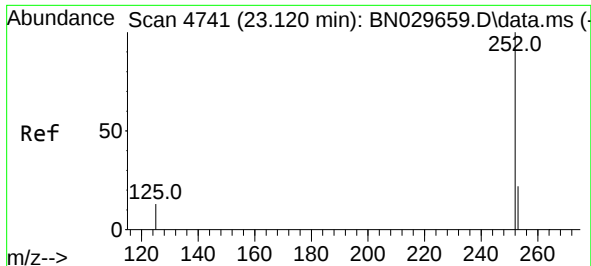
Tgt Ion:228 Resp: 12224
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:228 Resp: 13583
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.9 15.7 23.5

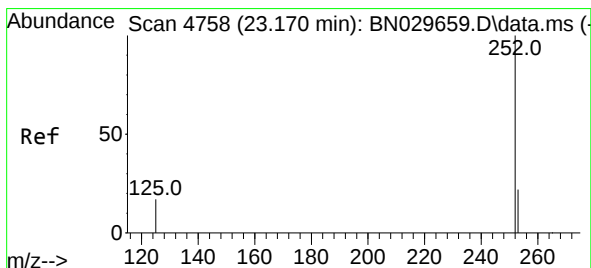
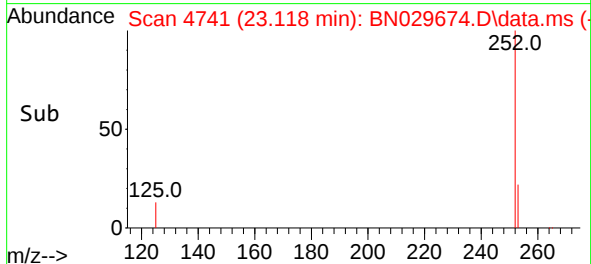
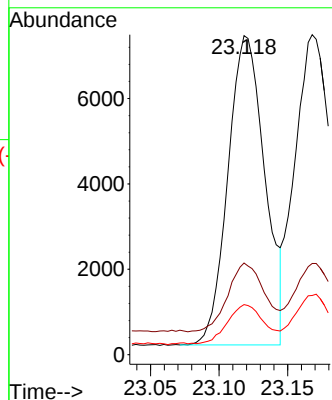
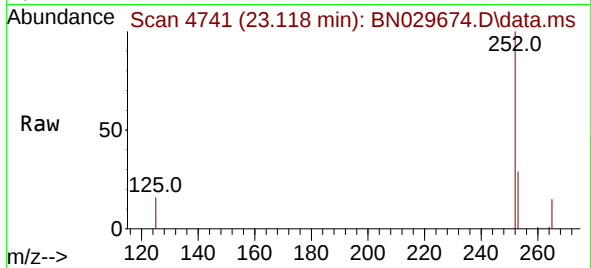




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.002 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

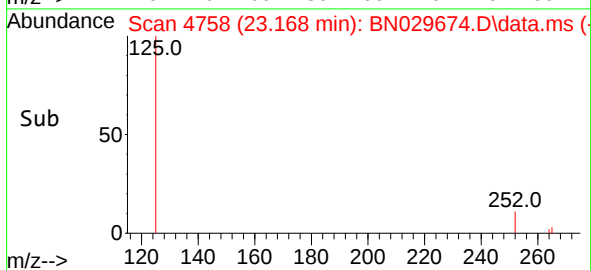
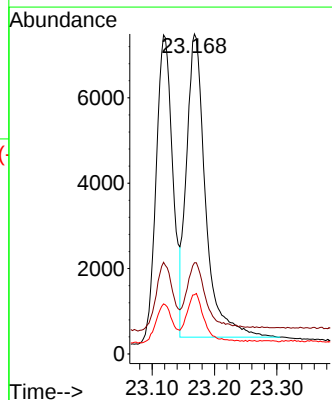
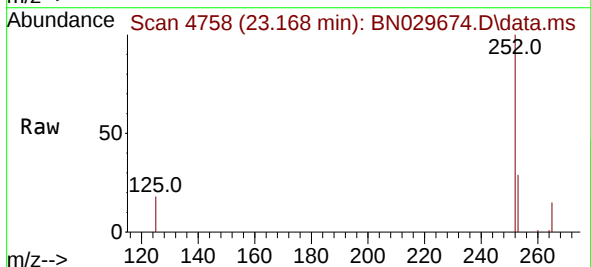
Instrument :
BNA_N
ClientSampleId :
SLCS928

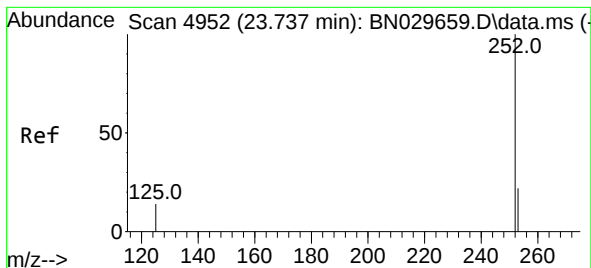
Tgt Ion:252 Resp: 13537
Ion Ratio Lower Upper
252 100
253 28.7 0.0 56.8
125 15.7 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029674.D
Acq: 11 Feb 2024 08:04

Tgt Ion:252 Resp: 15078
Ion Ratio Lower Upper
252 100
253 28.5 22.6 33.8
125 18.5 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 23.735 min Scan# 4952

Delta R.T. -0.002 min

Lab File: BN029674.D

Acq: 11 Feb 2024 08:04

Instrument :

BNA_N

ClientSampleId :

SLCS928

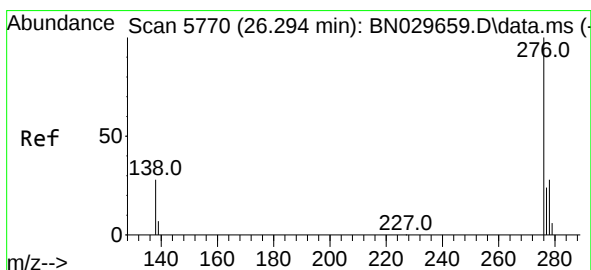
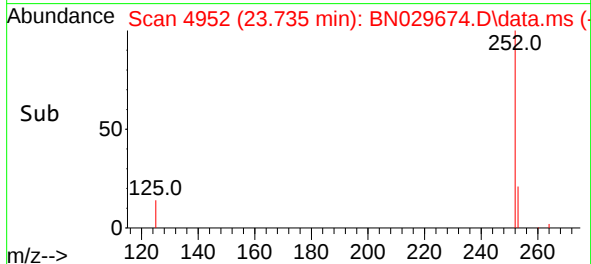
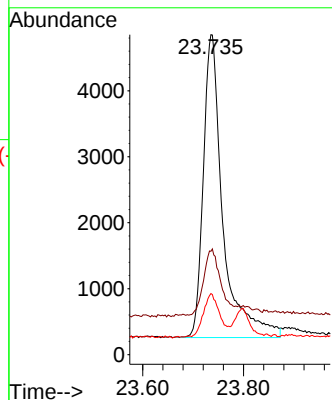
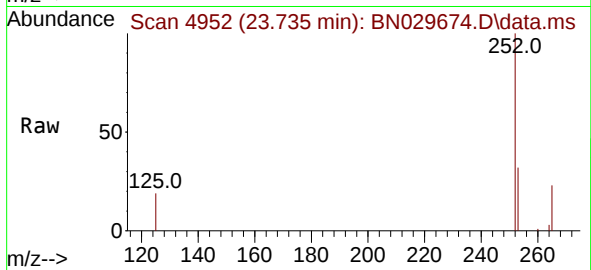
Tgt Ion:252 Resp: 12381

Ion Ratio Lower Upper

252 100

253 32.3 25.4 38.0

125 19.1 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 26.292 min Scan# 5770

Delta R.T. -0.002 min

Lab File: BN029674.D

Acq: 11 Feb 2024 08:04

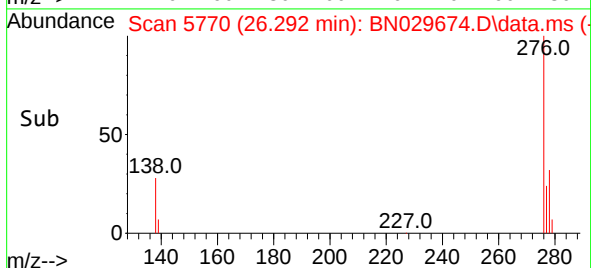
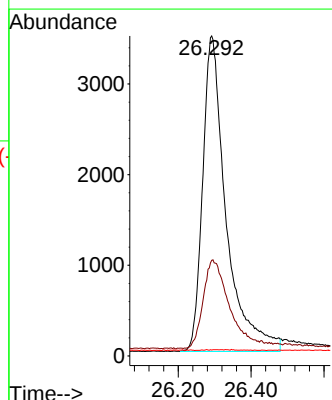
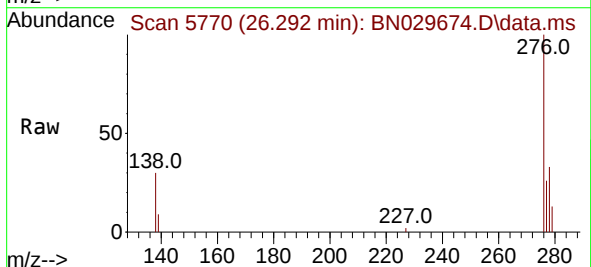
Tgt Ion:276 Resp: 15529

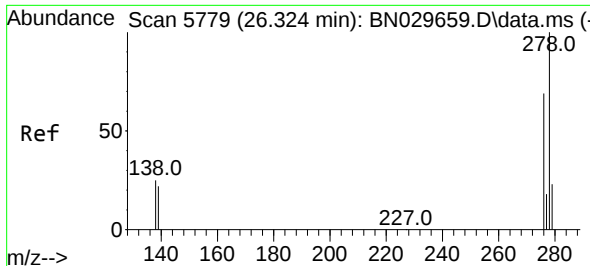
Ion Ratio Lower Upper

276 100

138 32.4 0.0 0.0#

227 0.1 0.0 0.0#

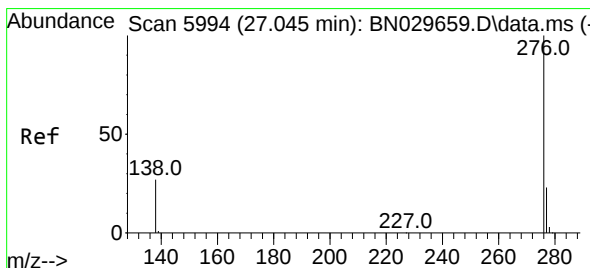
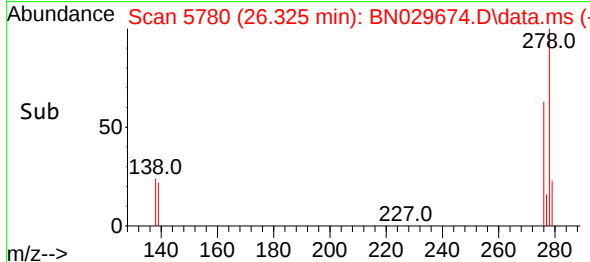
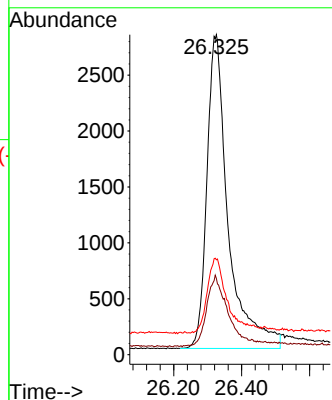
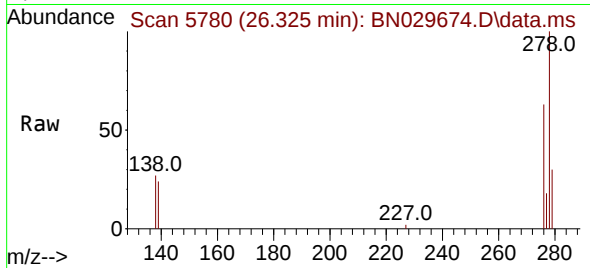




#28
 Dibenzo(a,h)anthracene
 Concen: 0.440 ng/ul
 RT: 26.325 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: BN029674.D
 Acq: 11 Feb 2024 08:04

Instrument :
 BNA_N
 ClientSampleId :
 SLCS928

Tgt Ion:278 Resp: 12230
 Ion Ratio Lower Upper
 278 100
 139 23.8 19.0 28.4
 279 29.6 22.6 34.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.442 ng/ul
 RT: 27.040 min Scan# 5993
 Delta R.T. -0.005 min
 Lab File: BN029674.D
 Acq: 11 Feb 2024 08:04

Tgt Ion:276 Resp: 14236
 Ion Ratio Lower Upper
 276 100
 138 29.5 24.6 37.0
 277 24.2 19.7 29.5

