

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029703.D
 Acq On : 12 Feb 2024 02:47
 Operator : MA/JU
 Sample : PB158924BS
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS924

Quant Time: Feb 12 03:17:49 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)

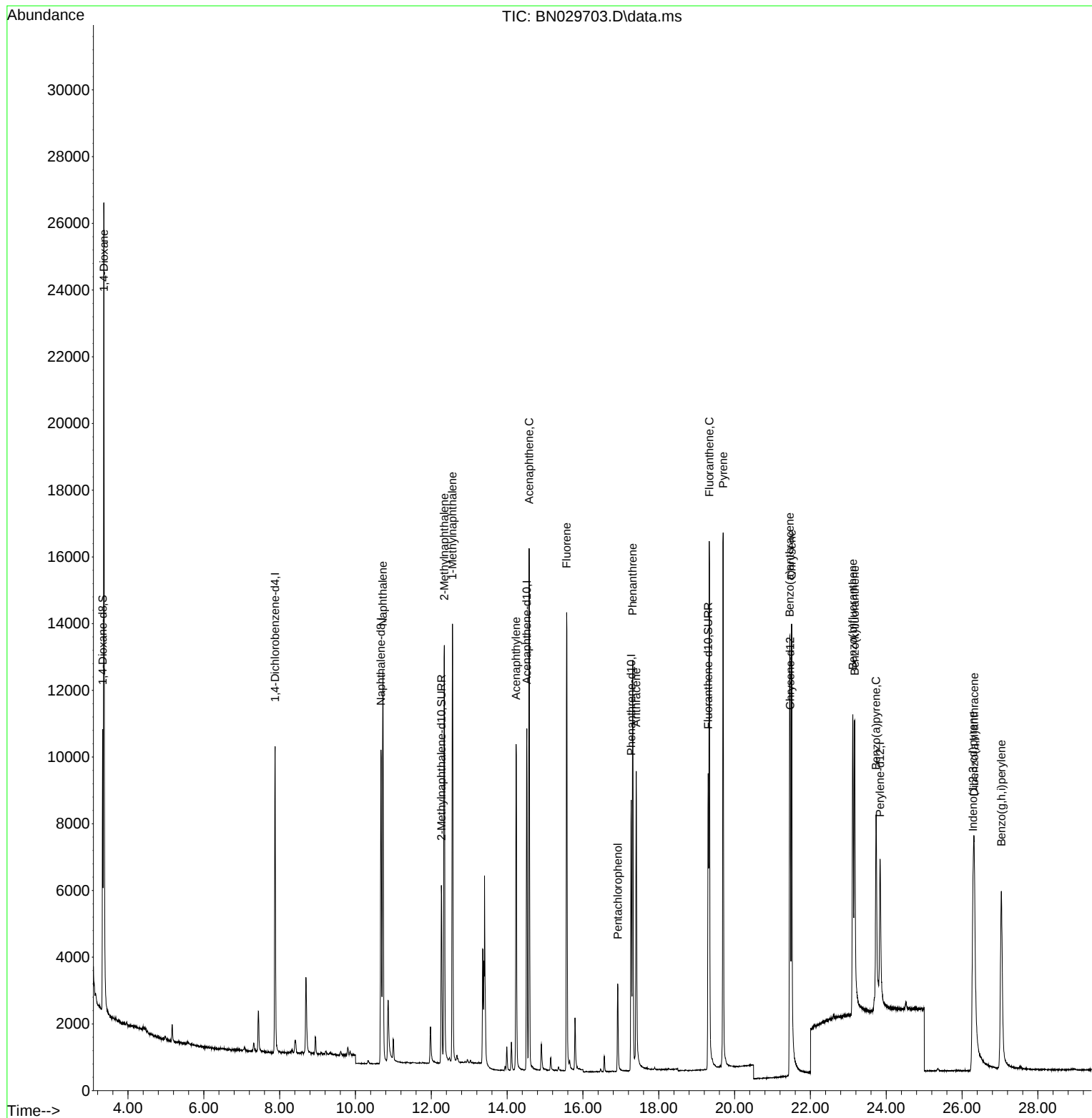
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	13559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	5728	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	9931	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	6998	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	6922	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	5307	0.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	7439	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	10338	0.450	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	16761	2.461	ng/ul#	88
5) Naphthalene	10.722	128	16654	0.436	ng/ul	99
7) 2-Methylnaphthalene	12.344	142	9411	0.430	ng/ul	100
8) 1-Methylnaphthalene	12.559	142	9224	0.414	ng/ul	99
10) Acenaphthylene	14.238	152	12016	0.430	ng/ul	98
11) Acenaphthene	14.581	153	9325	0.439	ng/ul	98
12) Fluorene	15.571	166	9423	0.424	ng/ul	99
14) Pentachlorophenol	16.917	266	1976	0.892	ng/ul#	51
15) Phenanthrene	17.314	178	13668	0.441	ng/ul	100
16) Anthracene	17.407	178	11505	0.441	ng/ul	99
19) Fluoranthene	19.332	202	14089	0.438	ng/ul	99
20) Pyrene	19.699	202	14566	0.442	ng/ul	99
21) Benzo(a)anthracene	21.452	228	11265	0.446	ng/ul	100
22) Chrysene	21.505	228	12883	0.467	ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	12597	0.484	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	13981	0.484	ng/ul	97
26) Benzo(a)pyrene	23.732	252	11639	0.475	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.289	276	14458	0.487	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	11194	0.480	ng/ul	98
29) Benzo(g,h,i)perylene	27.037	276	13486	0.500	ng/ul	99

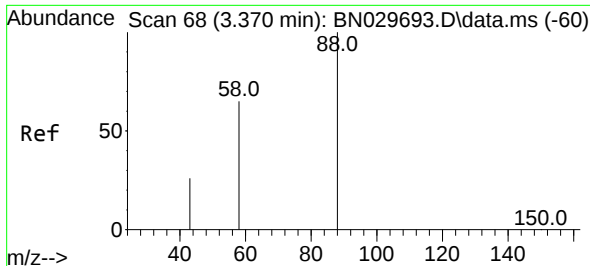
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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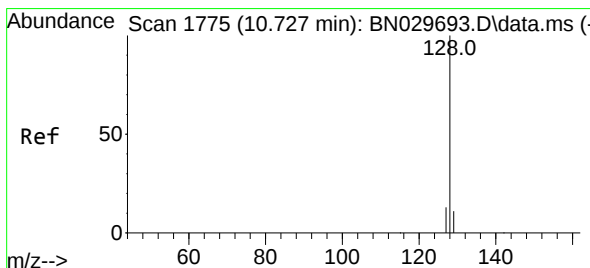
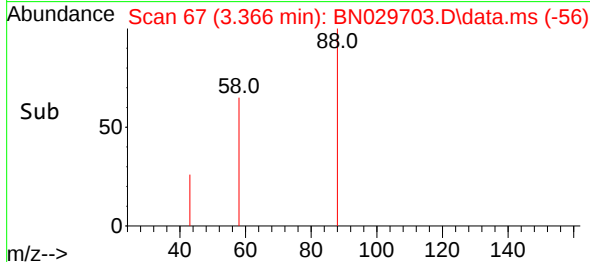
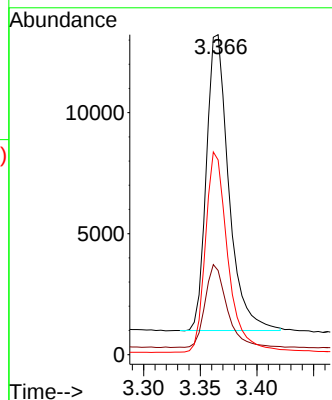
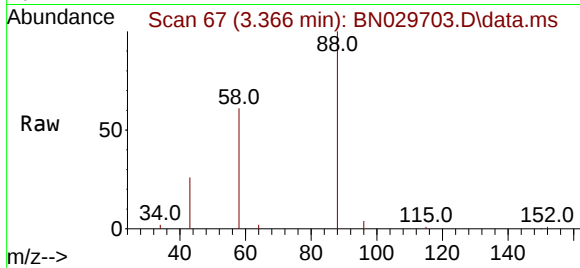




#2
1,4-Dioxane
Concen: 2.461 ng/ul
RT: 3.366 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

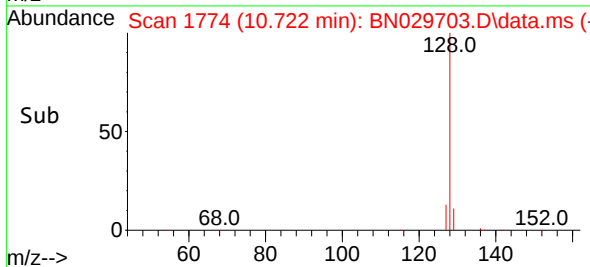
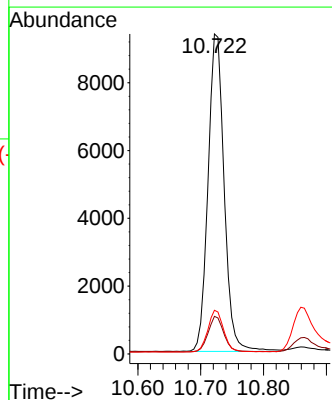
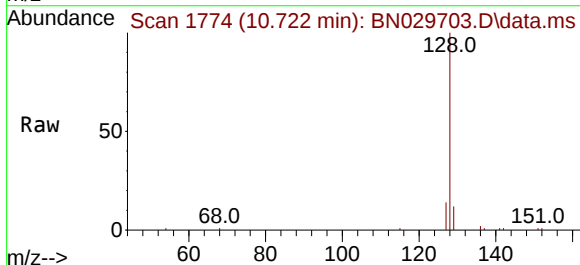
Instrument :
BNA_N
ClientSampleId :
SLCS924

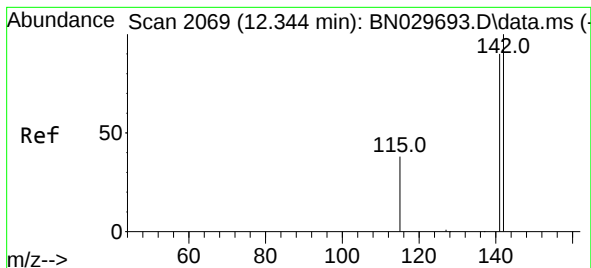
Tgt Ion: 88 Resp: 16761
Ion Ratio Lower Upper
88 100
43 26.3 21.8 32.6
58 60.8 39.3 58.9#



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:128 Resp: 16654
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.0 16.6

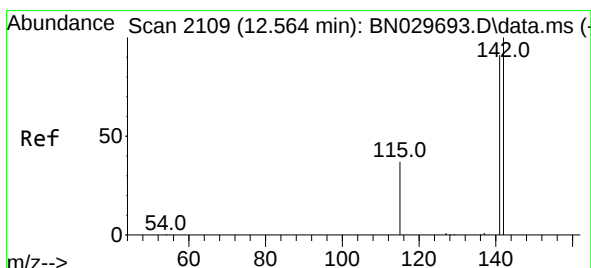
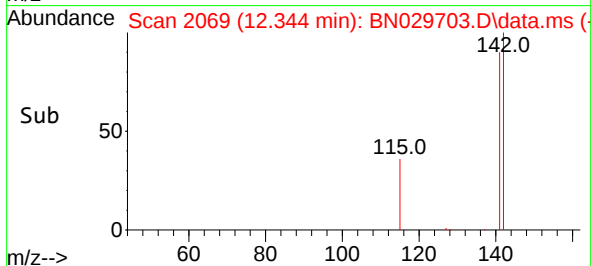
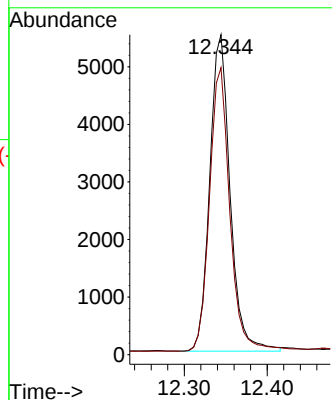
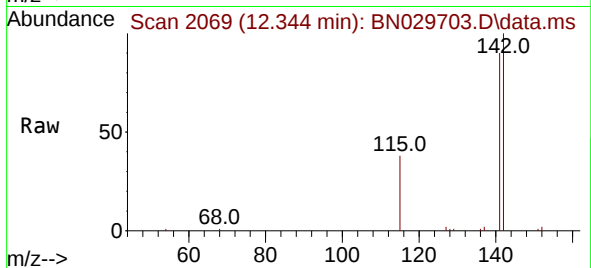




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

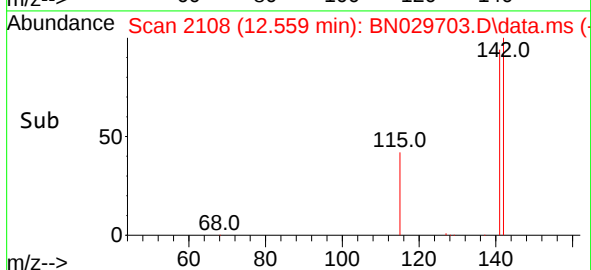
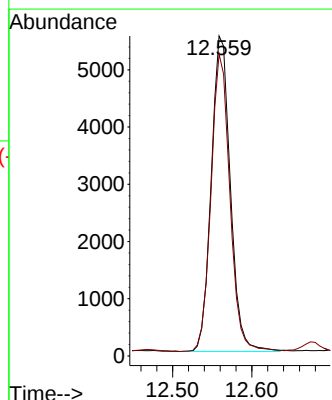
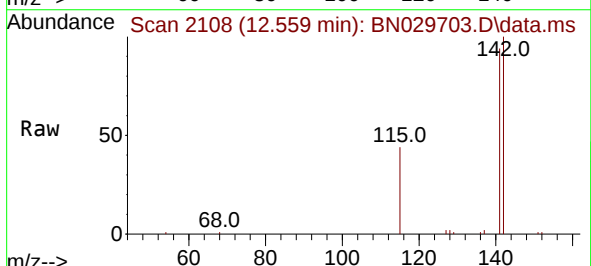
Instrument :
BNA_N
ClientSampleId :
SLCS924

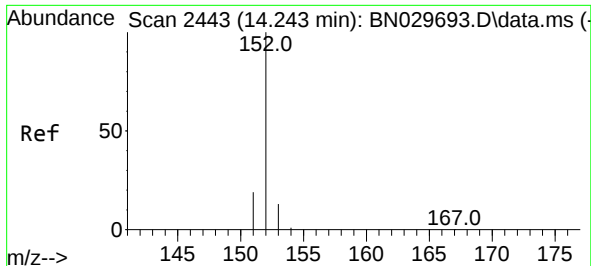
Tgt Ion:142 Resp: 9411
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.559 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:142 Resp: 9224
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

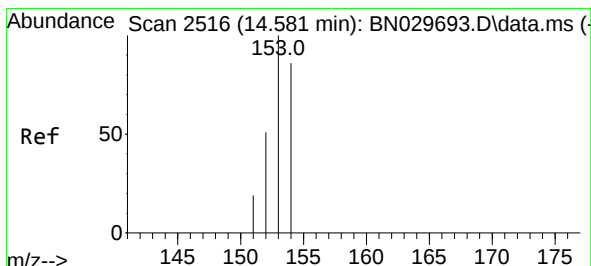
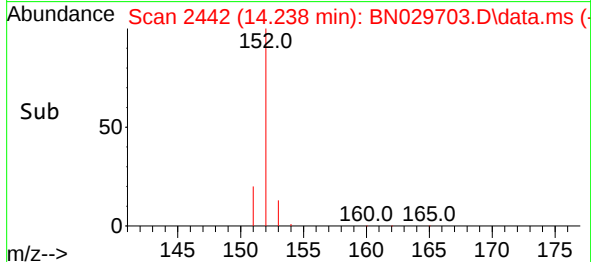
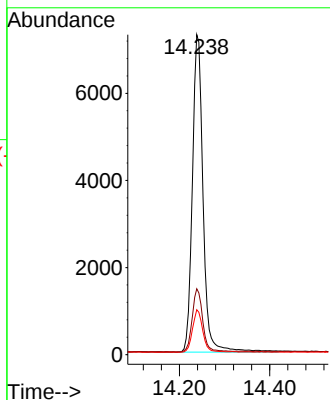
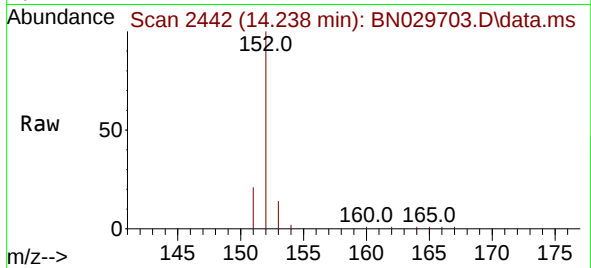




#10
Acenaphthylene
Concen: 0.430 ng/ul
RT: 14.238 min Scan# 2442
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

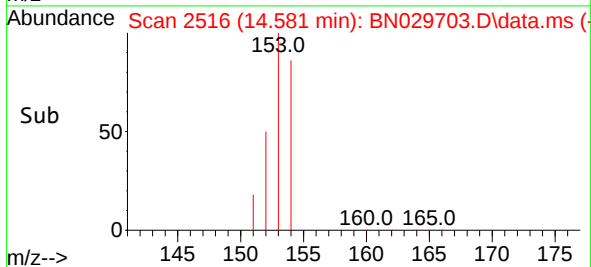
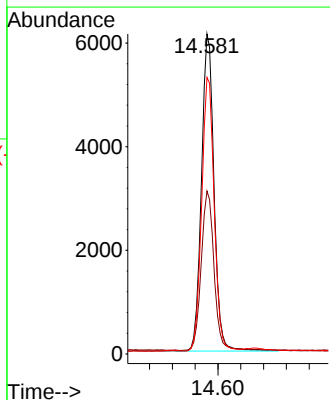
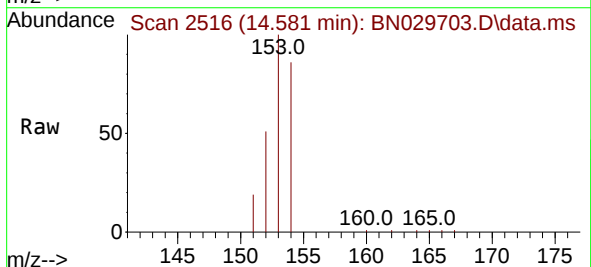
Instrument :
BNA_N
ClientSampleId :
SLCS924

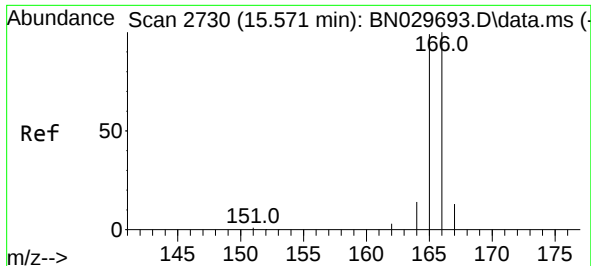
Tgt Ion:152 Resp: 12016
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.581 min Scan# 2516
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:153 Resp: 9325
Ion Ratio Lower Upper
153 100
152 50.9 41.5 62.3
154 86.4 70.9 106.3

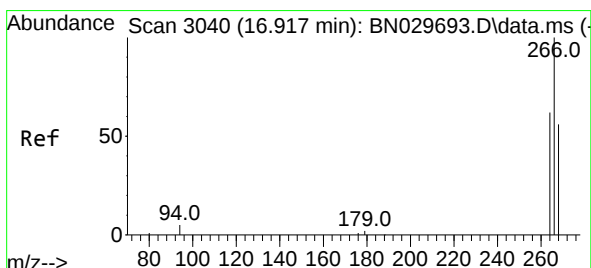
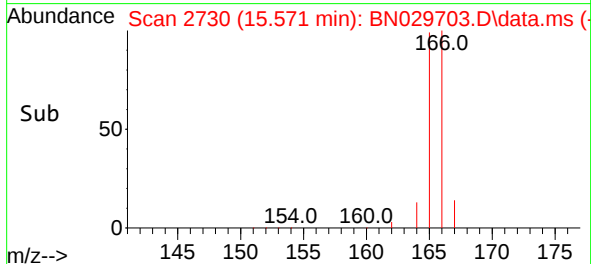
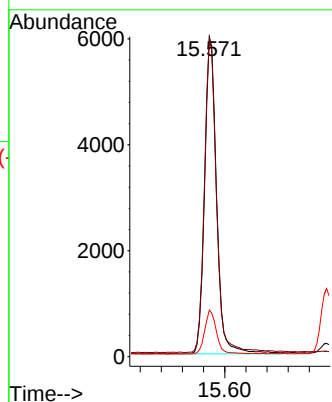
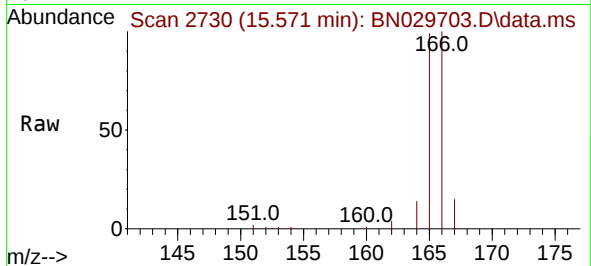




#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.571 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

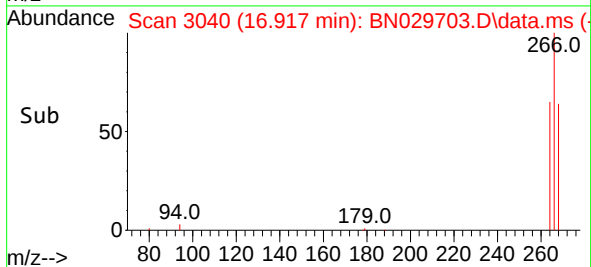
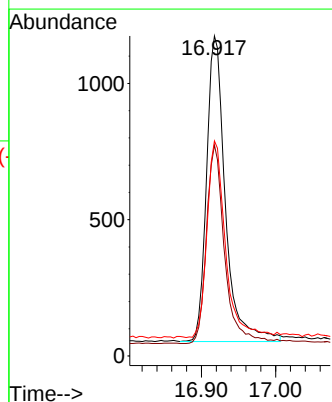
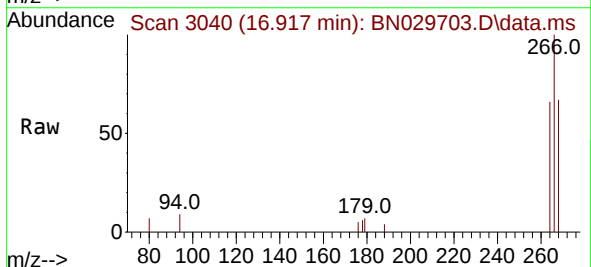
Instrument :
BNA_N
ClientSampleId :
SLCS924

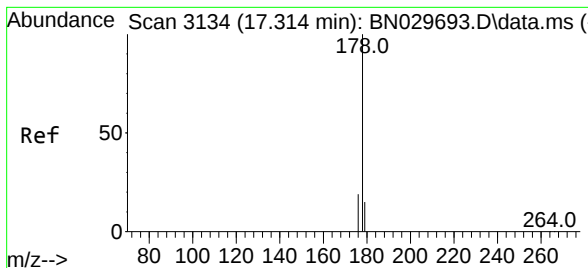
Tgt Ion:166 Resp: 9423
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 14.6 11.5 17.3



#14
Pentachlorophenol
Concen: 0.892 ng/ul
RT: 16.917 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:266 Resp: 1976
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 63.1 0.2 0.2#





#15

Phenanthrene

Concen: 0.441 ng/ul

RT: 17.314 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BN029703.D

Acq: 12 Feb 2024 02:47

Instrument :

BNA_N

ClientSampleId :

SLCS924

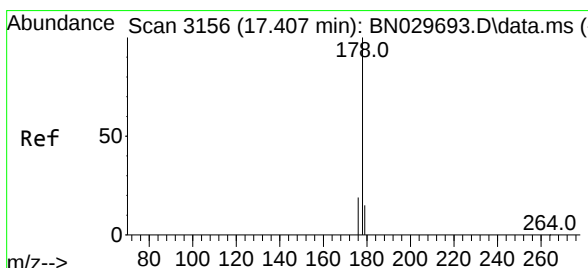
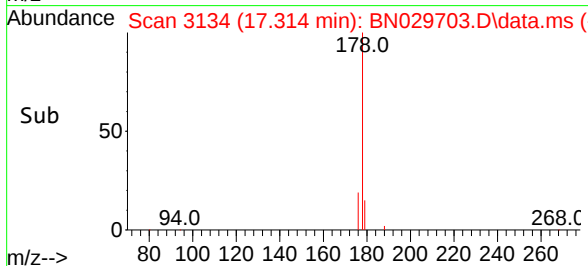
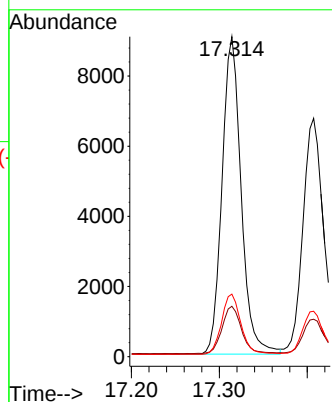
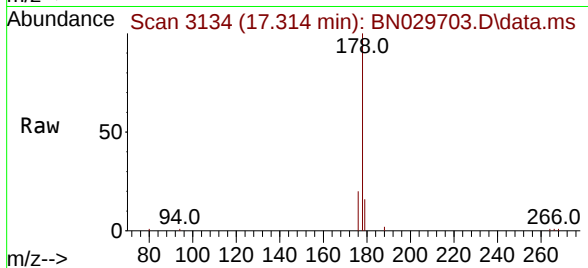
Tgt Ion:178 Resp: 13668

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 19.5 15.7 23.5



#16

Anthracene

Concen: 0.441 ng/ul

RT: 17.407 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BN029703.D

Acq: 12 Feb 2024 02:47

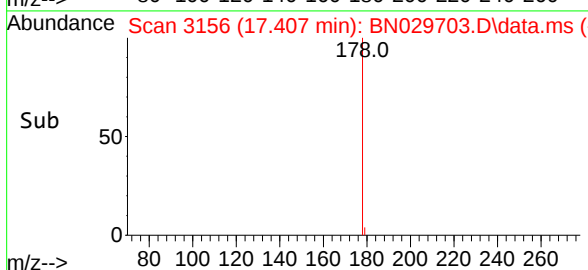
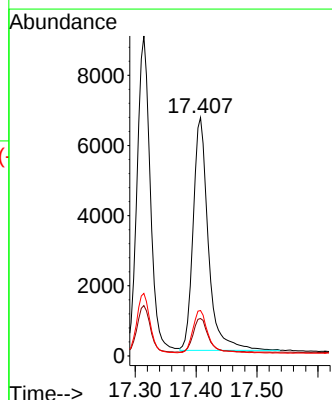
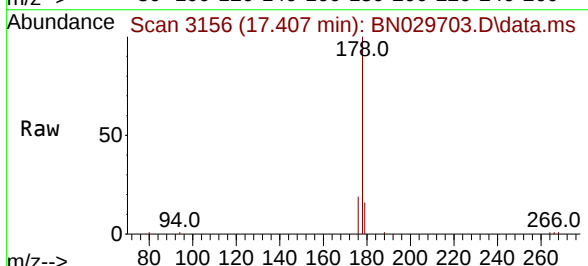
Tgt Ion:178 Resp: 11505

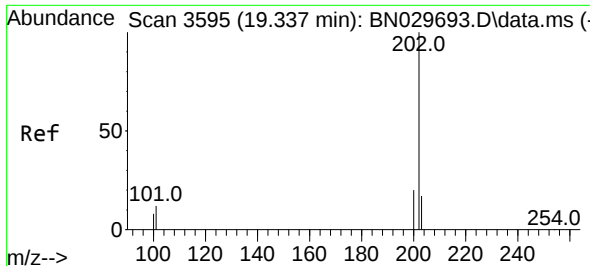
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 19.0 15.8 23.8

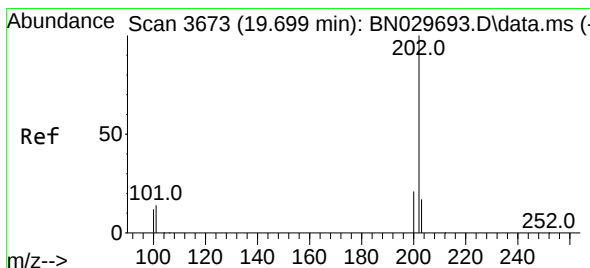
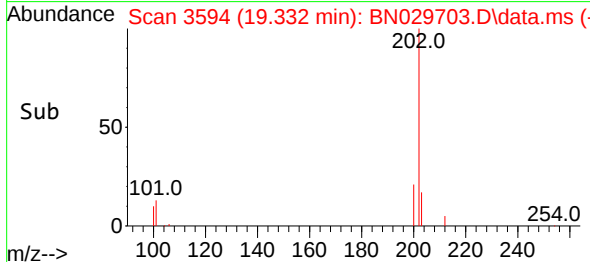
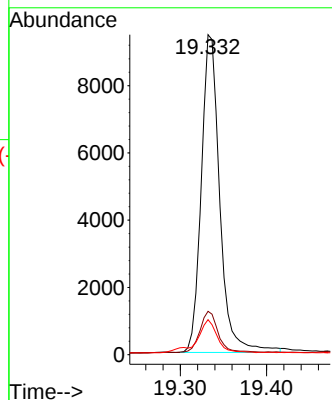
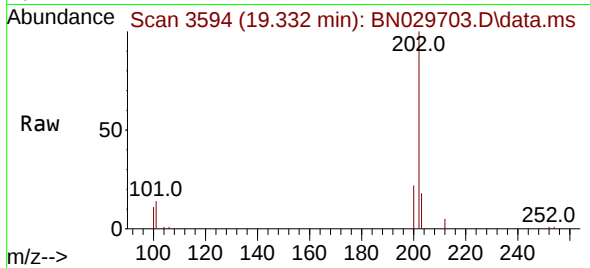




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.332 min Scan# 3594
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

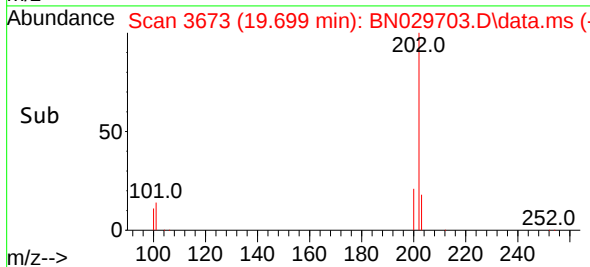
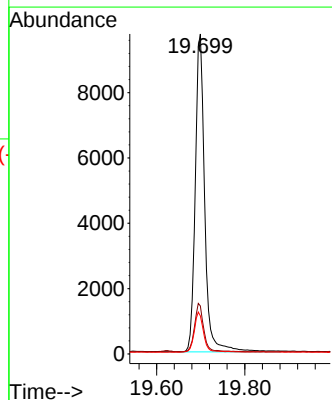
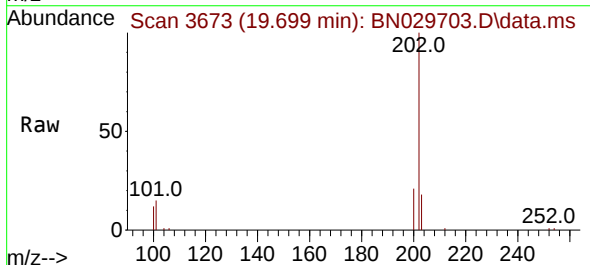
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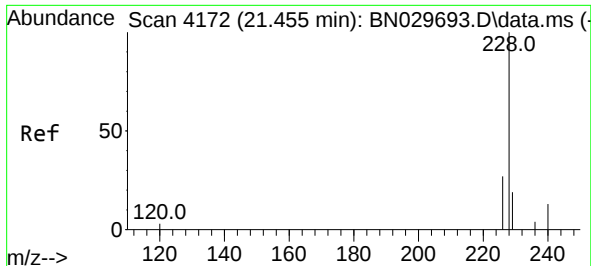
Tgt Ion:202 Resp: 14089
Ion Ratio Lower Upper
202 100
101 13.5 10.4 15.6
100 11.0 8.5 12.7



#20
Pyrene
Concen: 0.442 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

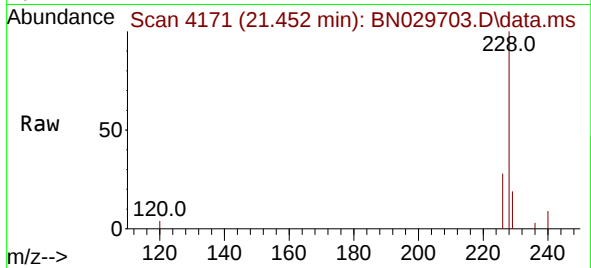
Tgt Ion:202 Resp: 14566
Ion Ratio Lower Upper
202 100
101 15.0 12.5 18.7
100 11.9 10.0 15.0



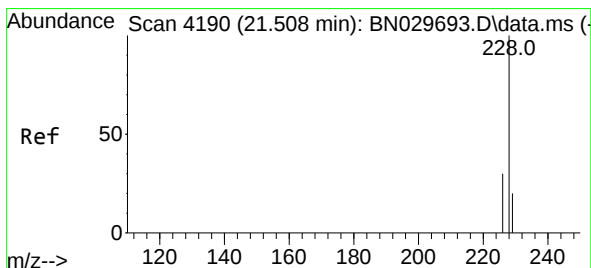
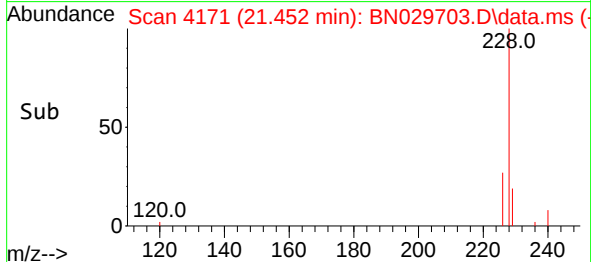
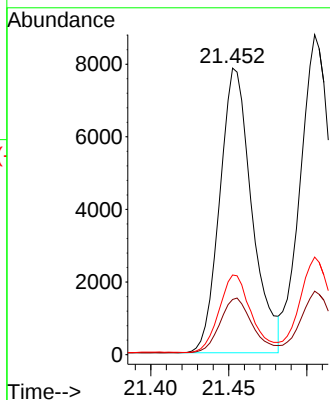


#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Instrument :
BNA_N
ClientSampleId :
SLCS924

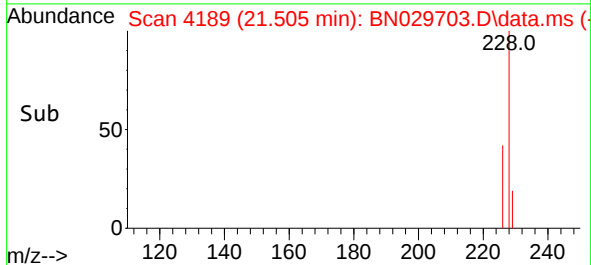
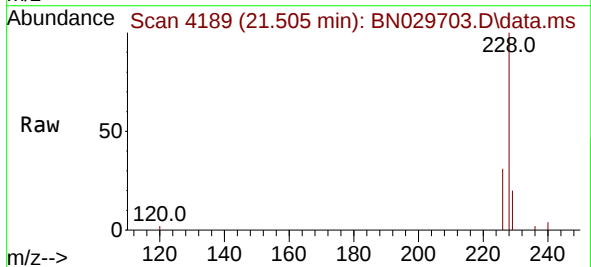
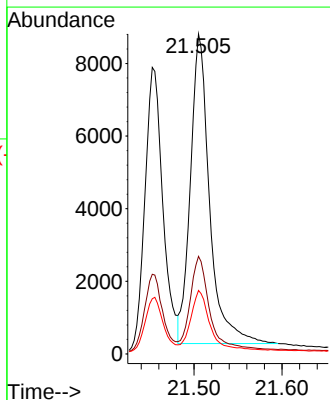


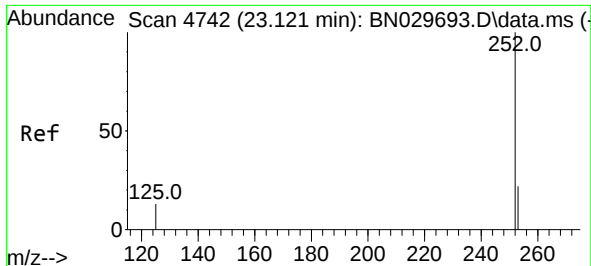
Tgt Ion:228 Resp: 11265
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.467 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:228 Resp: 12883
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.9 15.7 23.5

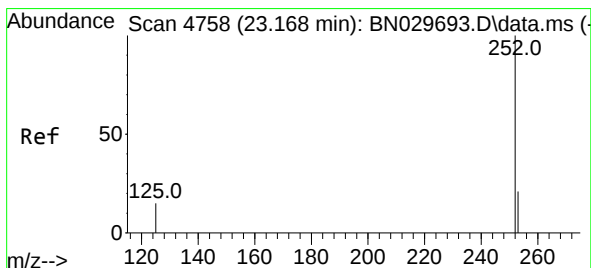
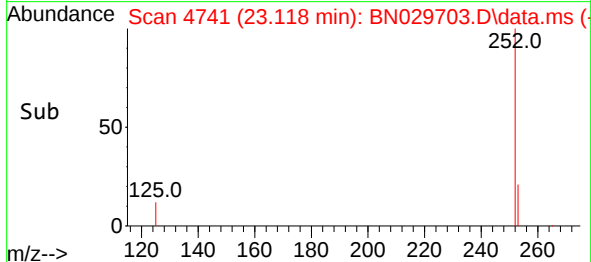
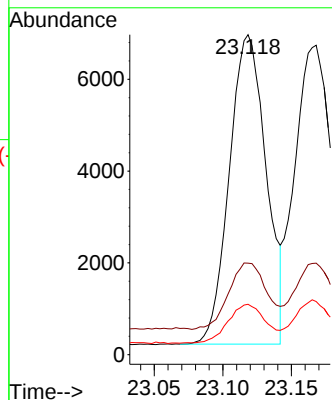
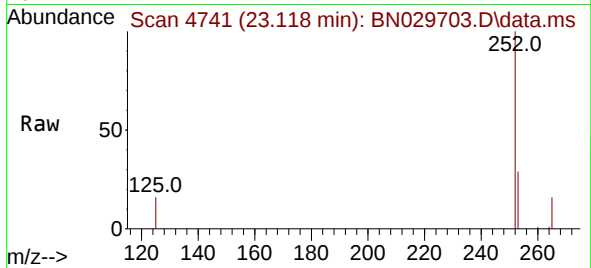




#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.002 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

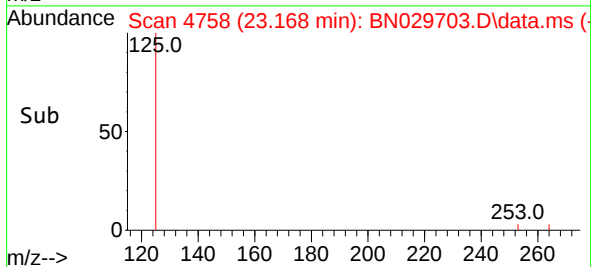
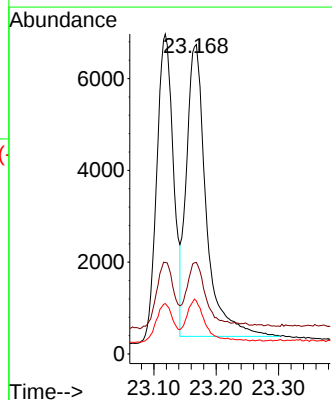
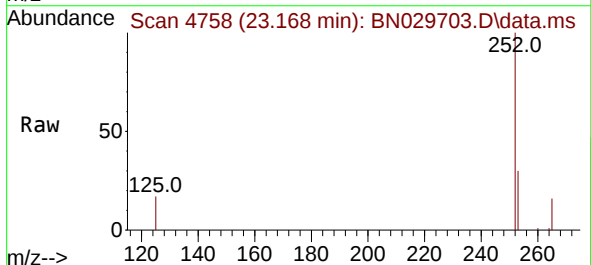
Instrument :
BNA_N
ClientSampleId :
SLCS924

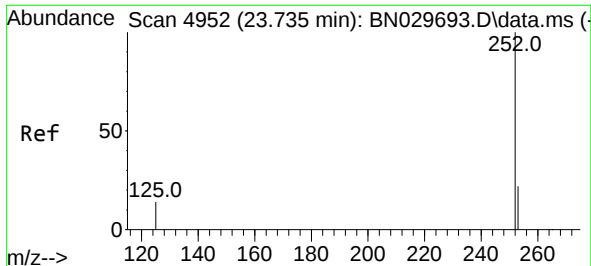
Tgt Ion:252 Resp: 12597
Ion Ratio Lower Upper
252 100
253 28.6 0.0 56.8
125 15.7 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.484 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

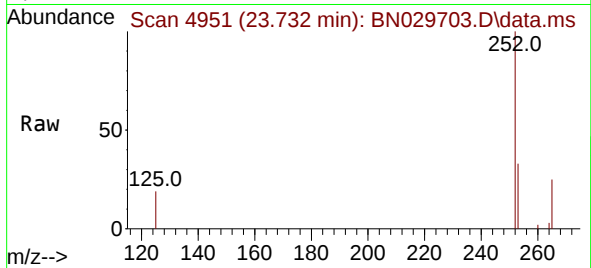
Tgt Ion:252 Resp: 13981
Ion Ratio Lower Upper
252 100
253 29.6 22.6 33.8
125 17.2 15.3 22.9



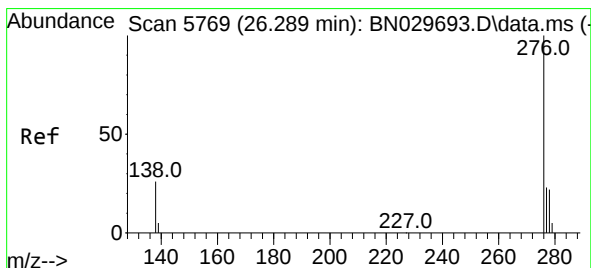
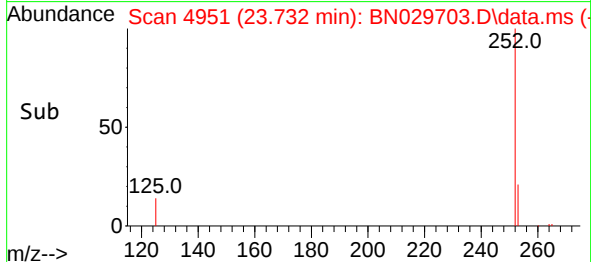
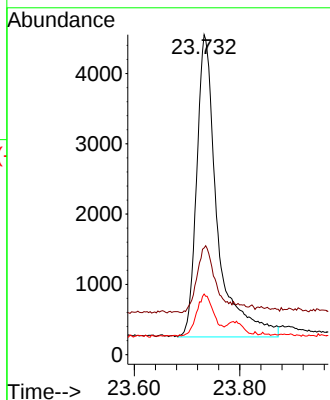


#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.732 min Scan# 4951
Delta R.T. -0.004 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Instrument :
BNA_N
ClientSampleId :
SLCS924

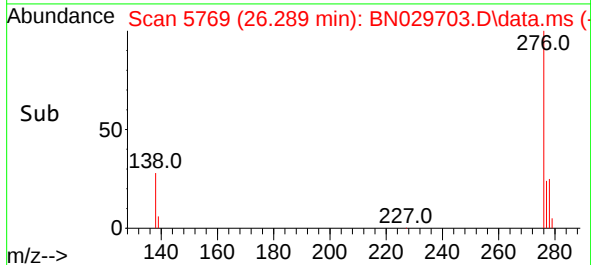
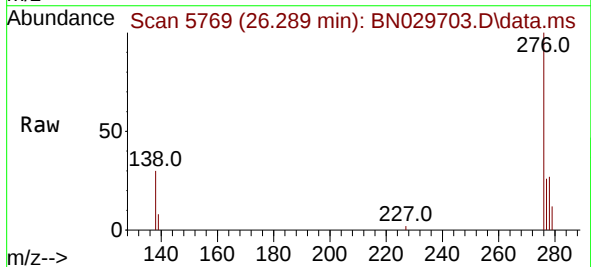
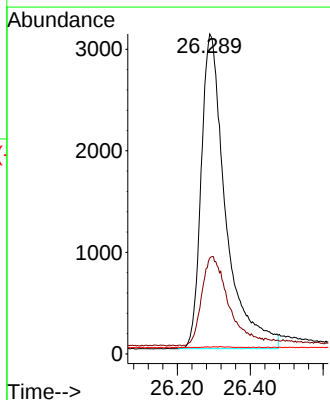


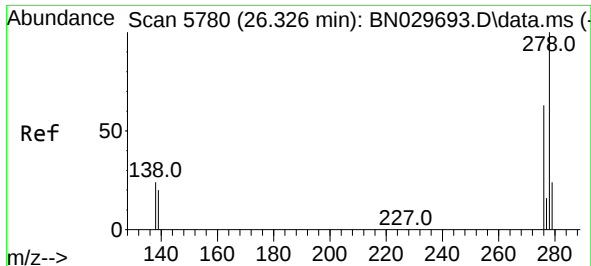
Tgt Ion:252 Resp: 11639
Ion Ratio Lower Upper
252 100
253 33.3 25.4 38.0
125 18.9 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.005 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:276 Resp: 14458
Ion Ratio Lower Upper
276 100
138 32.5 0.0 0.0#
227 0.1 0.0 0.0#

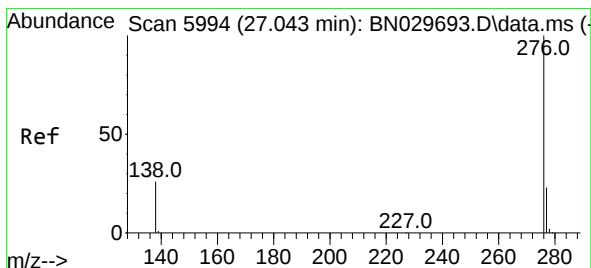
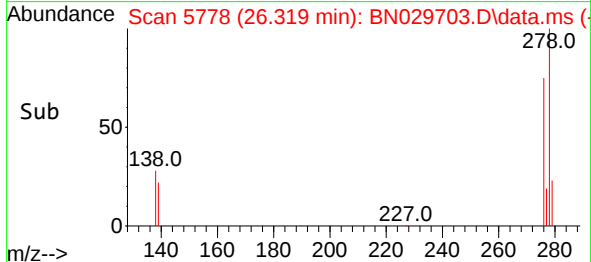
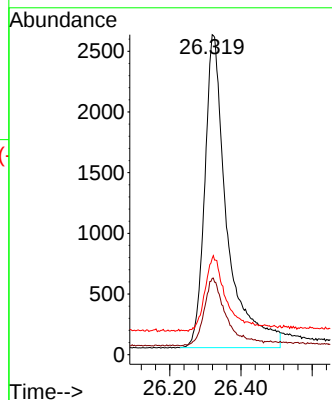
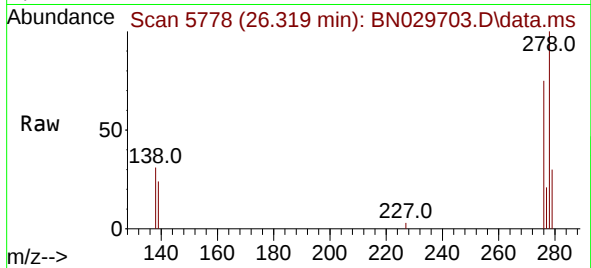




#28
Dibenzo(a,h)anthracene
Concen: 0.480 ng/ul
RT: 26.319 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Instrument :
BNA_N
ClientSampleId :
SLCS924

Tgt Ion:278 Resp: 11194
Ion Ratio Lower Upper
278 100
139 23.9 19.0 28.4
279 30.1 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 27.037 min Scan# 5992
Delta R.T. -0.008 min
Lab File: BN029703.D
Acq: 12 Feb 2024 02:47

Tgt Ion:276 Resp: 13486
Ion Ratio Lower Upper
276 100
138 30.1 24.6 37.0
277 24.4 19.7 29.5

