

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025929.D
 Acq On : 22 Jun 2023 10:11
 Operator : MA/JU
 Sample : PB153403BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK403

Quant Time: Jun 22 13:40:45 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 Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

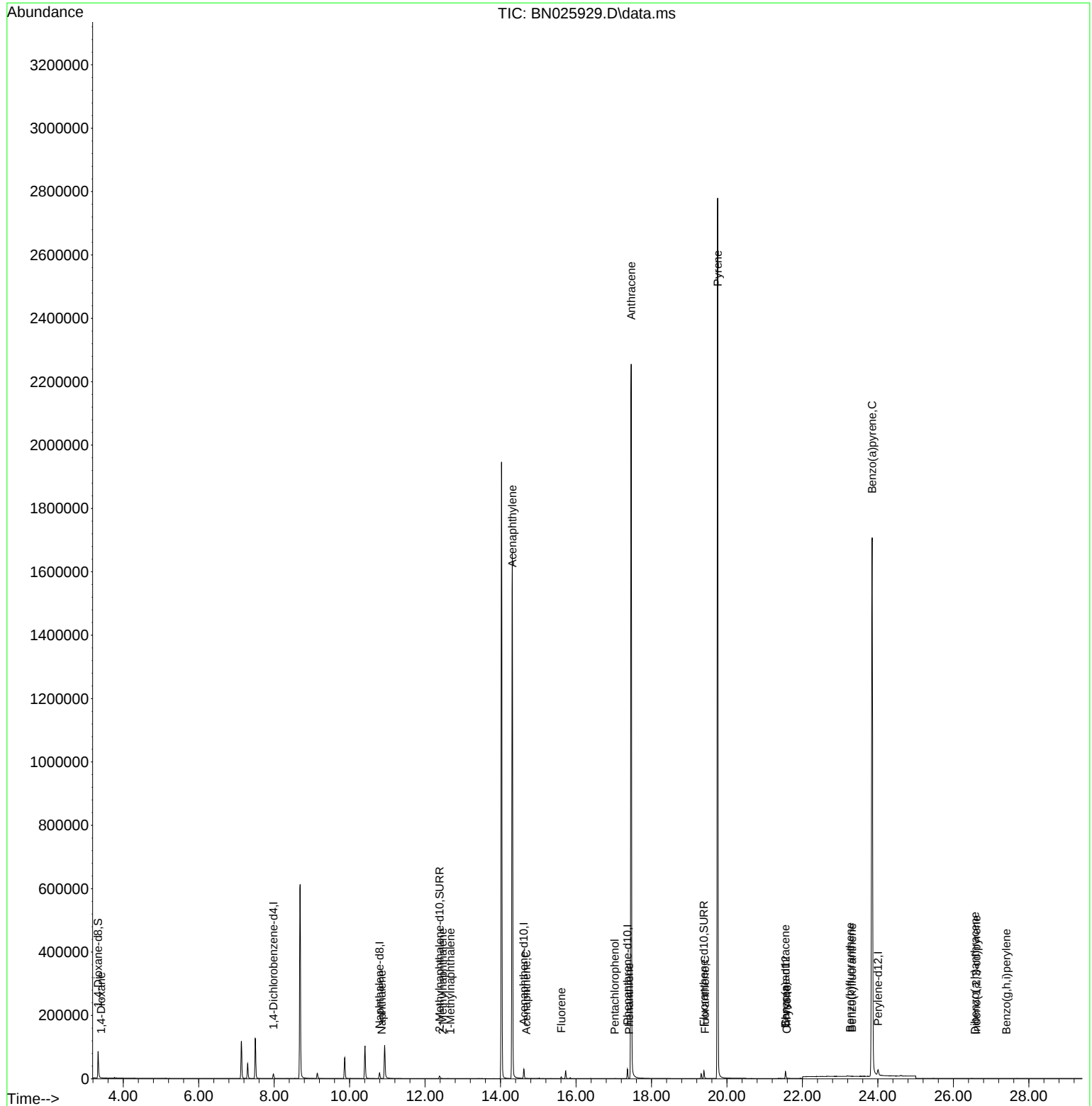
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	35335	0.400	ng/ul	0.00
17) Chrysene-d12	21.552	240	24183	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	30206	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	59487	6.119	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	13360	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	29509	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	37	0.004	ng/ul#	68
5) Naphthalene	10.847	128	104	0.001	ng/ul#	1
7) 2-Methylnaphthalene	12.464	142	31	0.001	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	35	0.001	ng/ul	98
10) Acenaphthylene	14.316	152	260	0.003	ng/ul#	1
11) Acenaphthene	14.681	153	27	0.000	ng/ul#	62
12) Fluorene	15.606	166	5410	0.074	ng/ul#	13
14) Pentachlorophenol	17.026	266	35	0.003	ng/ul#	88
15) Phenanthrene	17.406	178	168	0.001	ng/ul#	1
16) Anthracene	17.461	178	1295	0.012	ng/ul#	1
19) Fluoranthene	19.419	202	120	0.001	ng/ul#	1
20) Pyrene	19.754	202	4814	0.036	ng/ul#	1
21) Benzo(a)anthracene	21.549	228	200	0.002	ng/ul#	18
22) Chrysene	21.587	228	122	0.001	ng/ul#	8
24) Benzo(b)fluoranthene	23.262	252	437	0.003	ng/ul#	1
25) Benzo(k)fluoranthene	23.312	252	317	0.002	ng/ul#	1
26) Benzo(a)pyrene	23.847	252	10603	0.095	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.608	276	472	0.004	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.574	278	12	0.000	ng/ul#	1
29) Benzo(g,h,i)perylene	27.403	276	422	0.004	ng/ul#	1

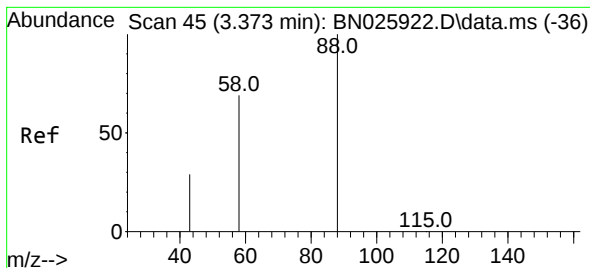
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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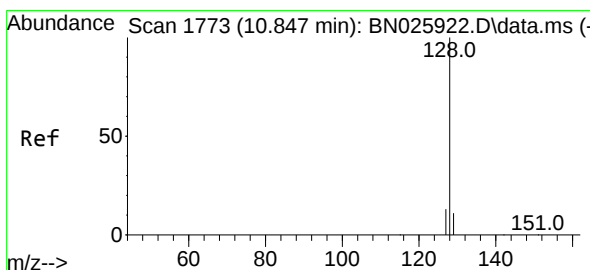
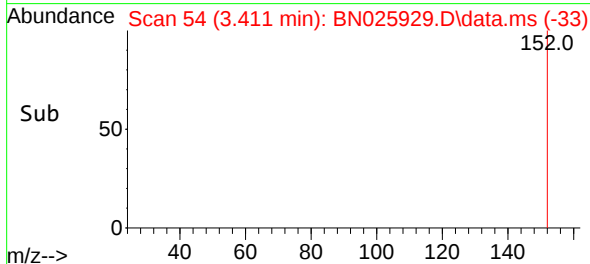
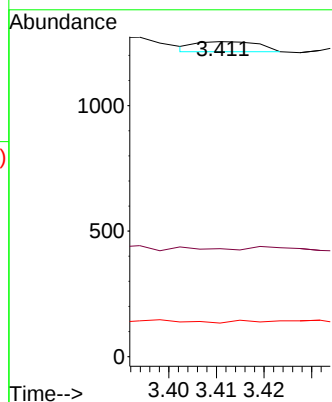
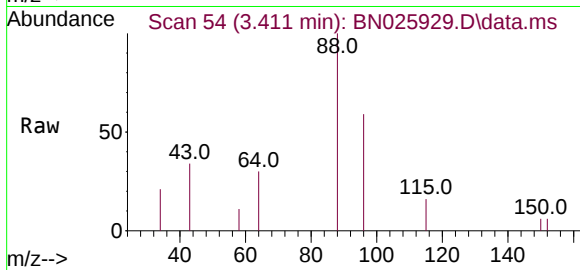




#2
1,4-Dioxane
Concen: 0.004 ng/ul
RT: 3.411 min Scan# 54
Delta R.T. 0.038 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

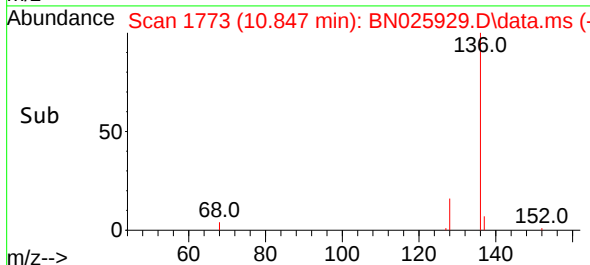
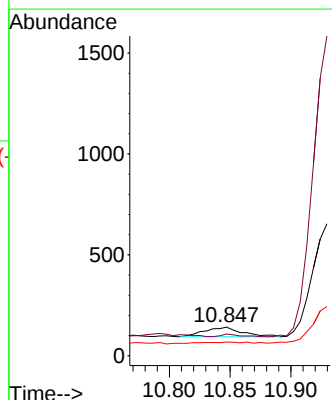
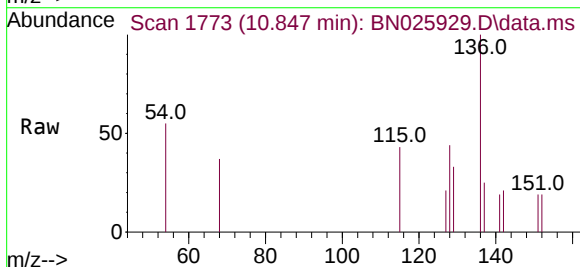
Instrument :
BNA_N
ClientSampleId :
SBLK403

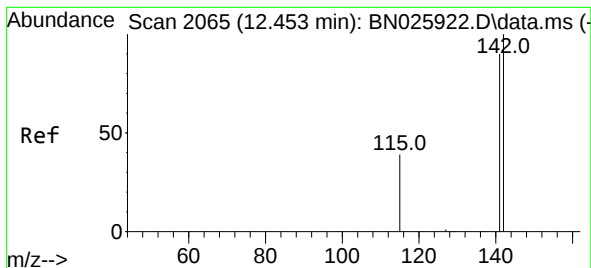
Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 34.3 29.5 44.3
58 10.7 37.4 56.2#



#5
Naphthalene
Concen: 0.001 ng/ul
RT: 10.847 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion: 128 Resp: 104
Ion Ratio Lower Upper
128 100
129 76.1 9.1 13.7#
127 47.9 10.7 16.1#

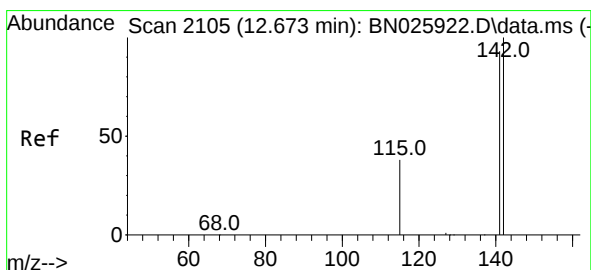
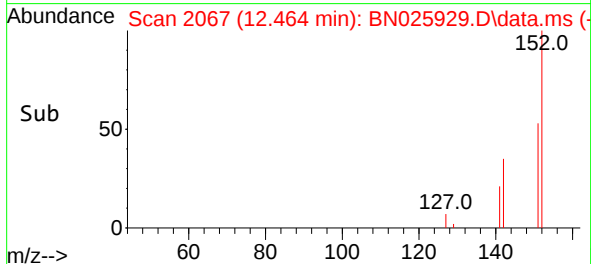
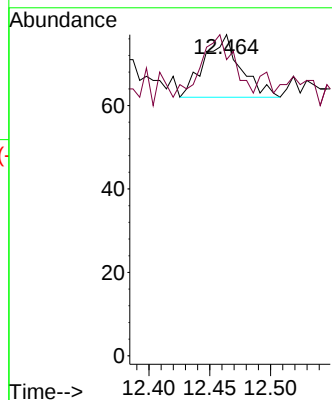
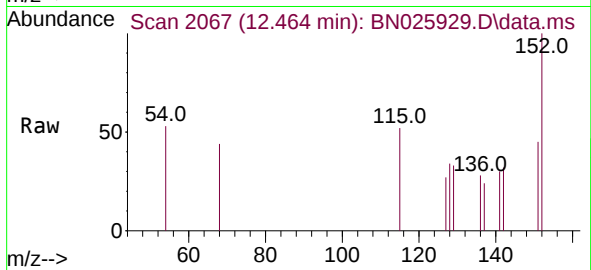




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.464 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

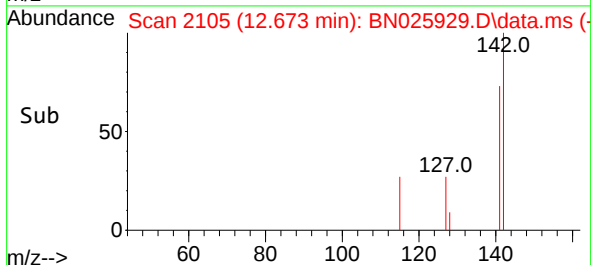
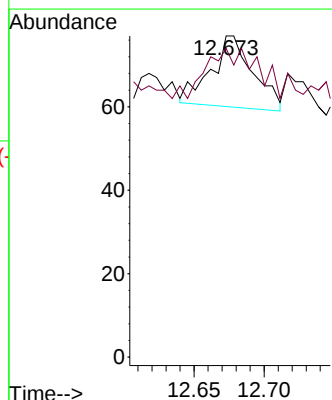
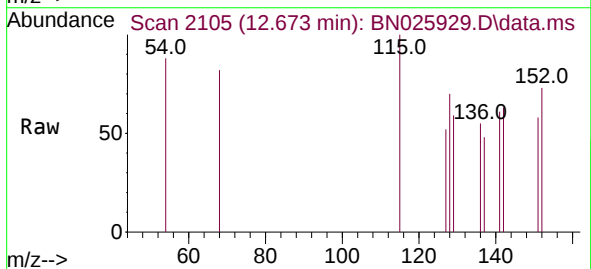
Instrument :
BNA_N
ClientSampleId :
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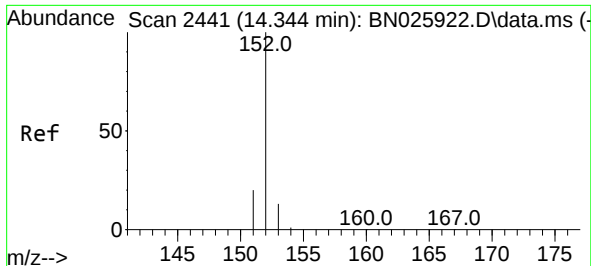
Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:142 Resp: 35
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4

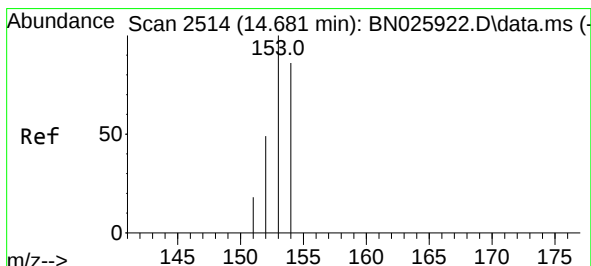
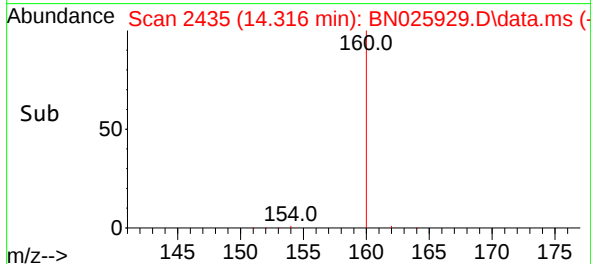
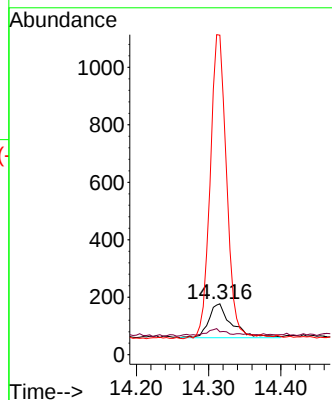
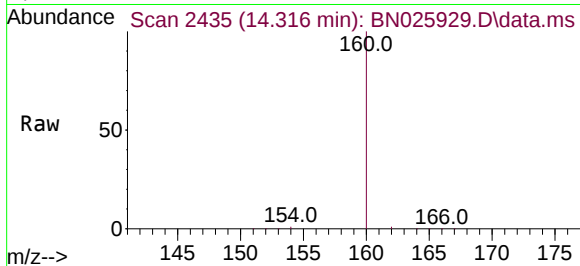




#10
Acenaphthylene
Concen: 0.003 ng/ul
RT: 14.316 min Scan# 2441
Delta R.T. -0.028 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

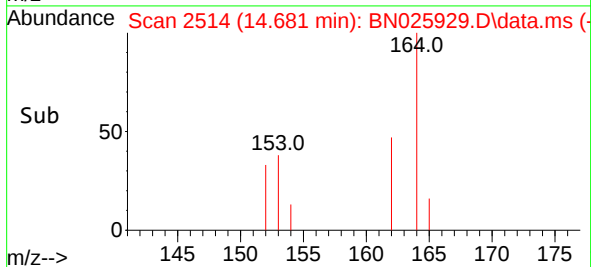
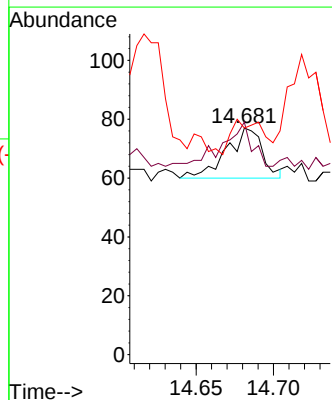
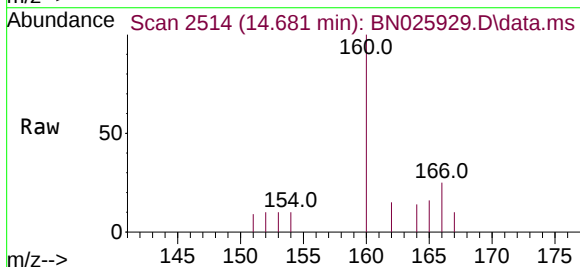
Instrument :
BNA_N
ClientSampleId :
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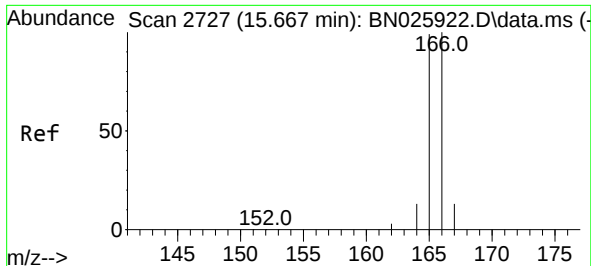
Tgt Ion:152 Resp: 260
Ion Ratio Lower Upper
152 100
151 45.2 16.2 24.4#
153 628.2 10.9 16.3#



#11
Acenaphthene
Concen: 0.000 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:153 Resp: 27
Ion Ratio Lower Upper
153 100
152 102.6 39.4 59.0#
154 100.0 68.9 103.3

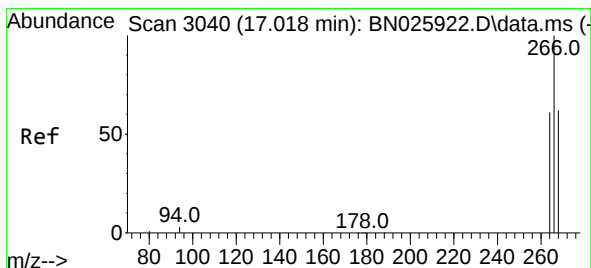
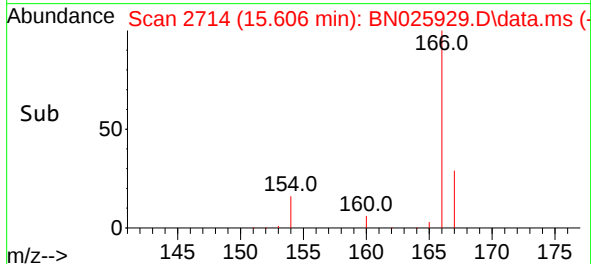
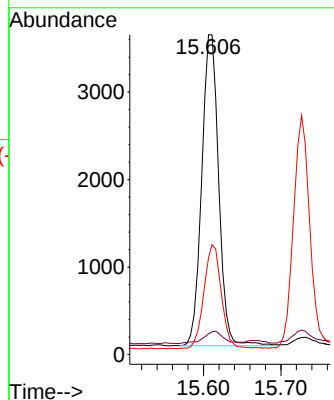
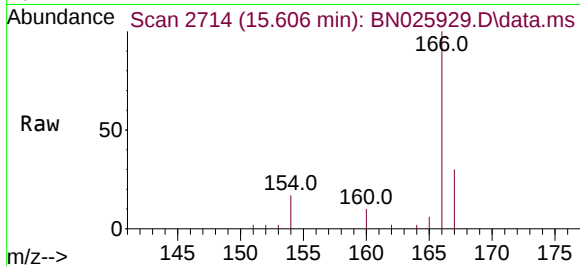




#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.060 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

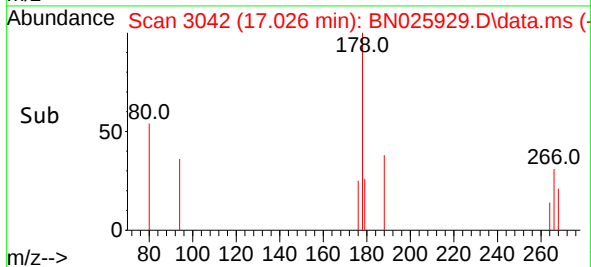
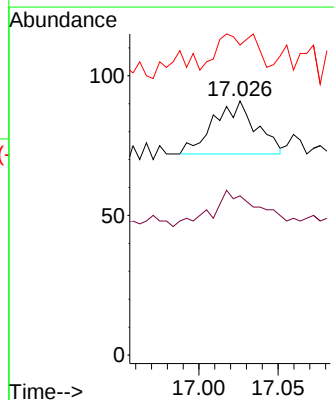
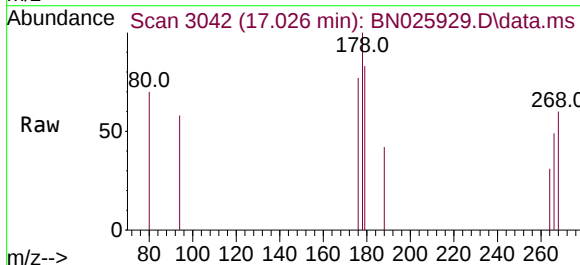
Instrument :
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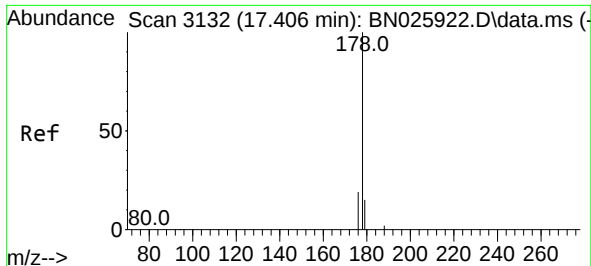
Tgt Ion:166 Resp: 5410
Ion Ratio Lower Upper
166 100
165 6.5 79.9 119.9#
167 30.3 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.003 ng/ul
RT: 17.026 min Scan# 3042
Delta R.T. 0.008 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
264 77.1 50.5 75.7#
268 60.0 51.6 77.4

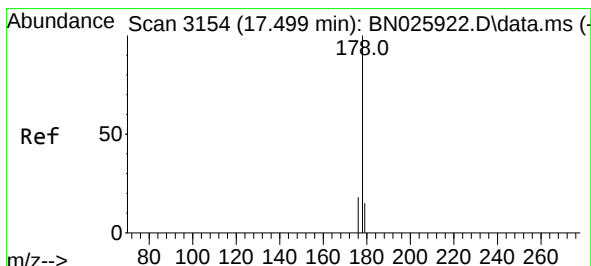
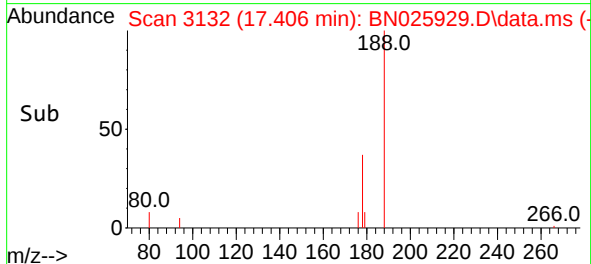
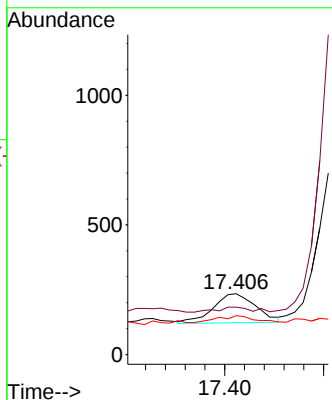
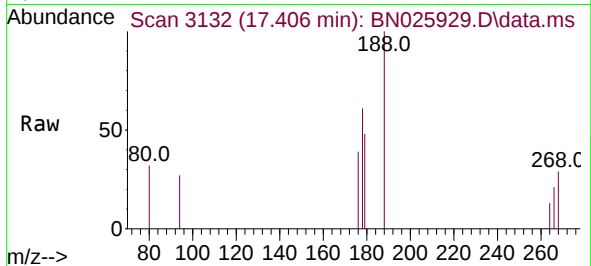




#15
Phenanthrene
Concen: 0.001 ng/u1
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

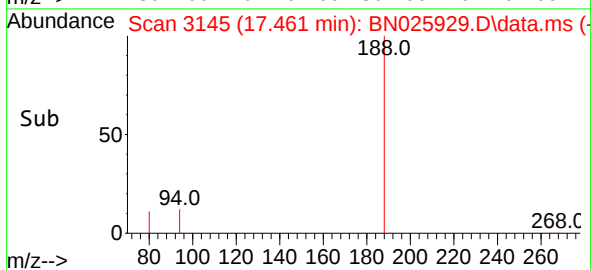
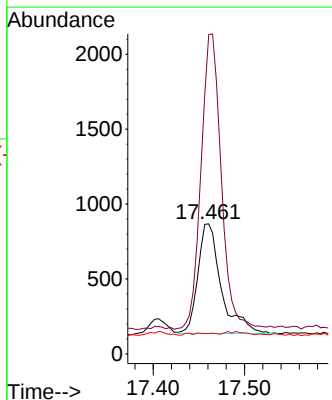
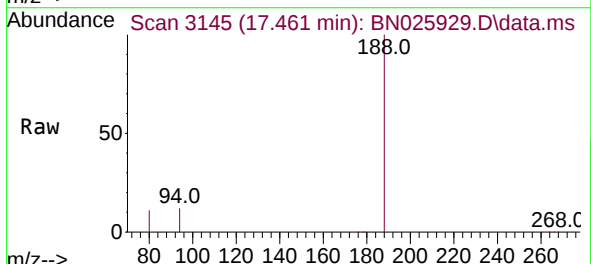
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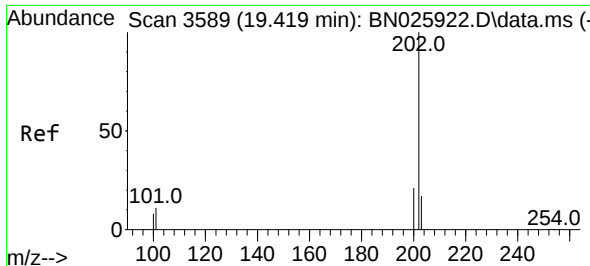
Tgt Ion:	178	Resp:	168
Ion	Ratio	Lower	Upper
178	100		
179	77.9	12.6	19.0#
176	63.8	15.8	23.6#



#16
Anthracene
Concen: 0.012 ng/u1
RT: 17.461 min Scan# 3145
Delta R.T. -0.038 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:	178	Resp:	1295
Ion	Ratio	Lower	Upper
178	100		
179	245.6	12.6	18.8#
176	15.7	15.1	22.7

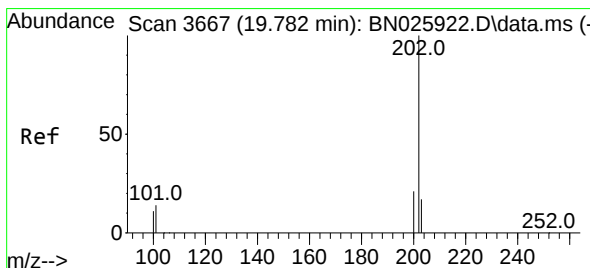
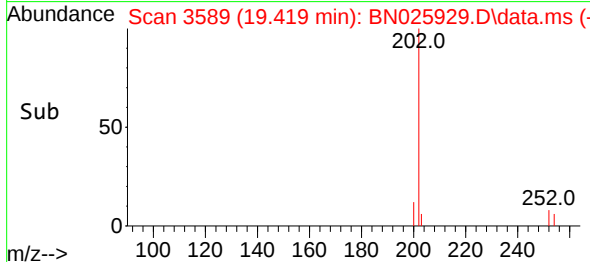
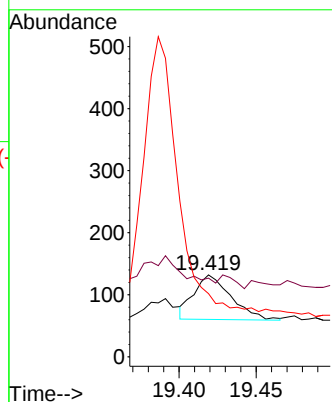
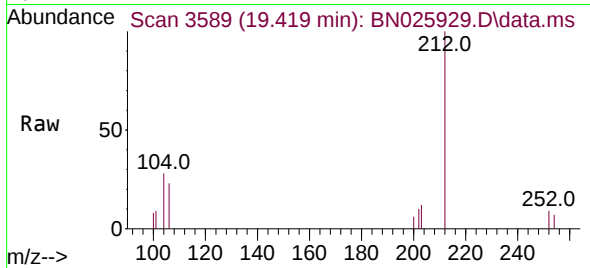




#19
Fluoranthene
Concen: 0.001 ng/u1
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

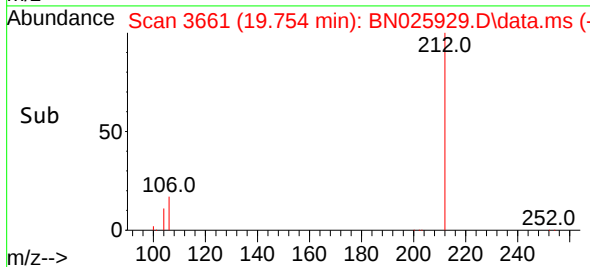
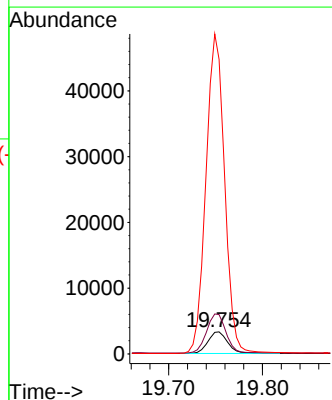
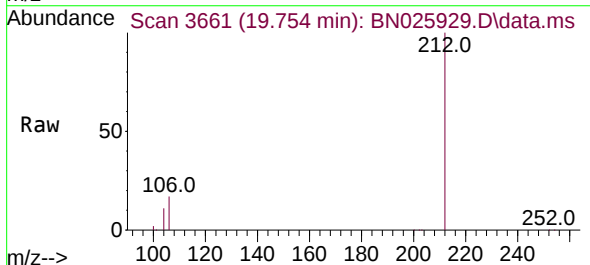
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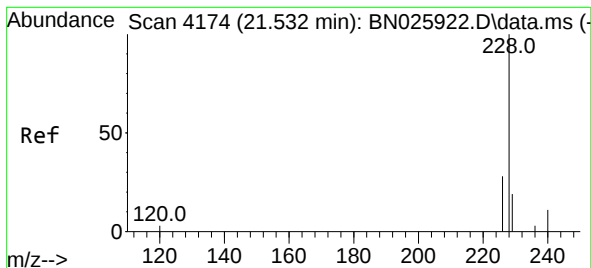
Tgt Ion:202 Resp: 120
Ion Ratio Lower Upper
202 100
101 96.2 9.5 14.3#
100 77.3 7.3 10.9#



#20
Pyrene
Concen: 0.036 ng/u1
RT: 19.754 min Scan# 3661
Delta R.T. -0.028 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:202 Resp: 4814
Ion Ratio Lower Upper
202 100
101 178.8 11.4 17.0#
100 1341.9 9.1 13.7#





#21

Benzo(a)anthracene

Concen: 0.002 ng/ul

RT: 21.549 min Scan# 4180

Delta R.T. 0.017 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

Instrument :

BNA_N

ClientSampleId :

SBLK403

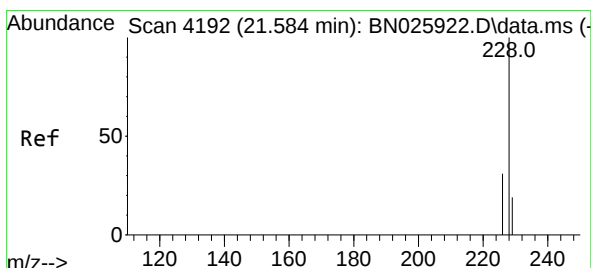
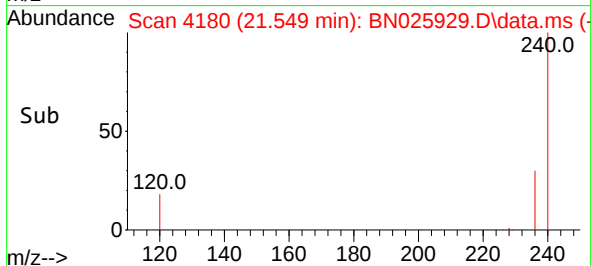
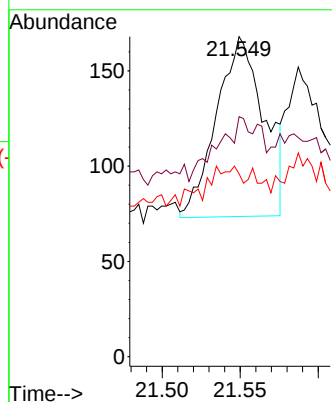
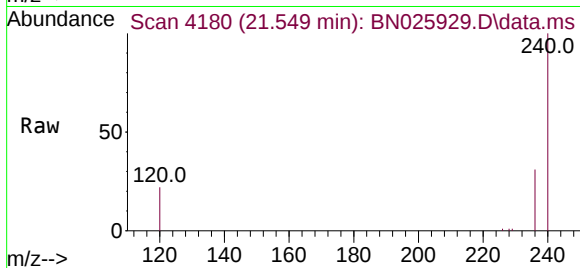
Tgt Ion:228 Resp: 200

Ion Ratio Lower Upper

228 100

229 75.0 15.8 23.6#

226 57.1 22.5 33.7#



#22

Chrysene

Concen: 0.001 ng/ul

RT: 21.587 min Scan# 4193

Delta R.T. 0.003 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

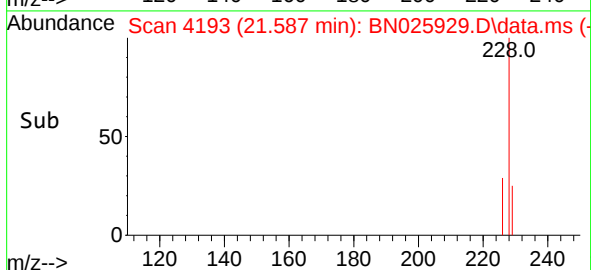
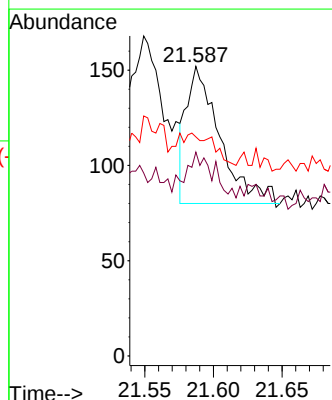
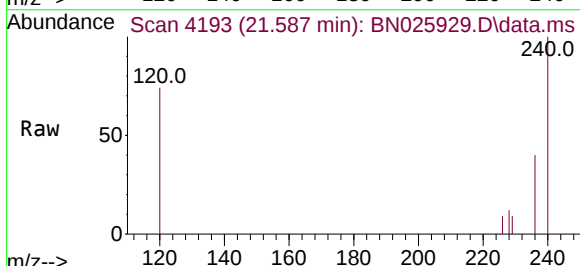
Tgt Ion:228 Resp: 122

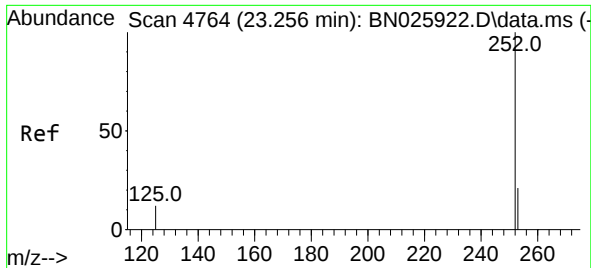
Ion Ratio Lower Upper

228 100

226 70.4 24.8 37.2#

229 75.7 15.7 23.5#

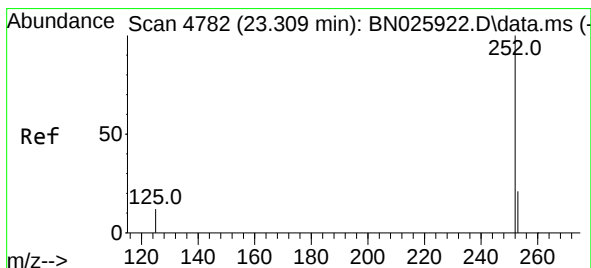
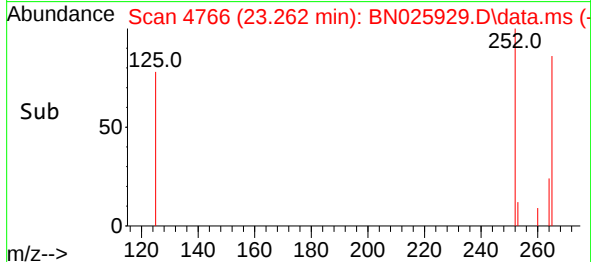
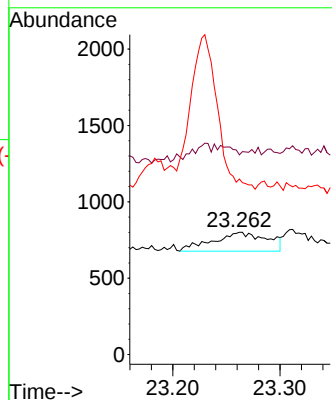
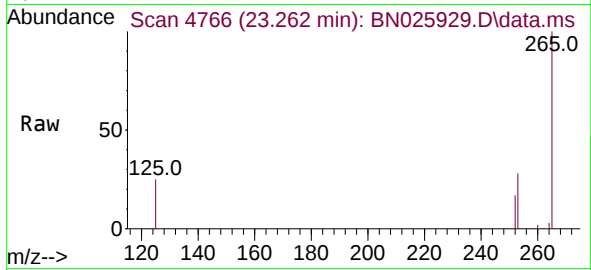




#24
Benzo(b)fluoranthene
Concen: 0.003 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. 0.006 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

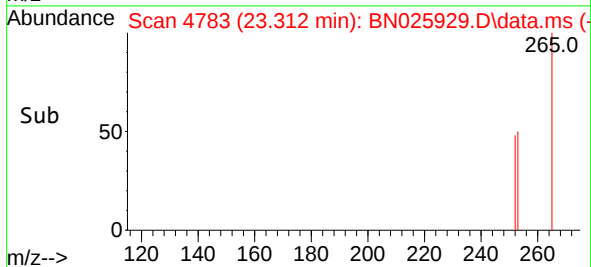
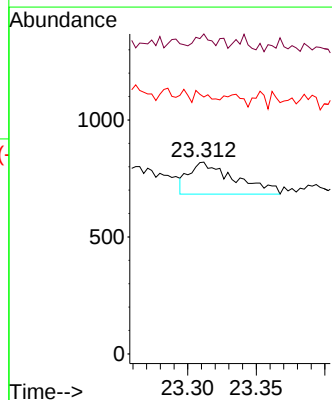
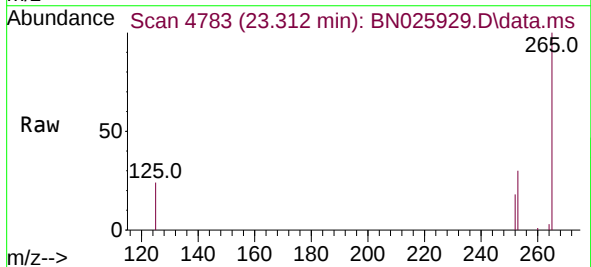
Instrument :
BNA_N
ClientSampleId :
SBLK403

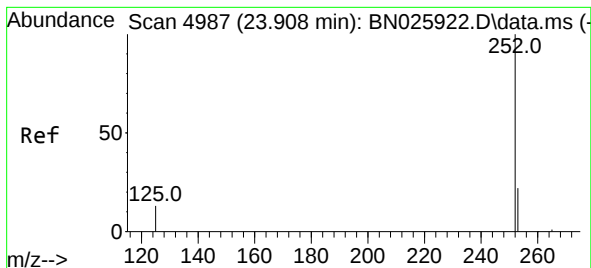
Tgt Ion:252 Resp: 437
Ion Ratio Lower Upper
252 100
253 163.3 0.0 55.6#
125 143.6 0.0 35.8#



#25
Benzo(k)fluoranthene
Concen: 0.002 ng/ul
RT: 23.312 min Scan# 4783
Delta R.T. 0.003 min
Lab File: BN025929.D
Acq: 22 Jun 2023 10:11

Tgt Ion:252 Resp: 317
Ion Ratio Lower Upper
252 100
253 166.8 23.2 34.8#
125 133.9 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.095 ng/ul

RT: 23.847 min Scan# 49

Delta R.T. -0.062 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

Instrument :

BNA_N

ClientSampleId :

SBLK403

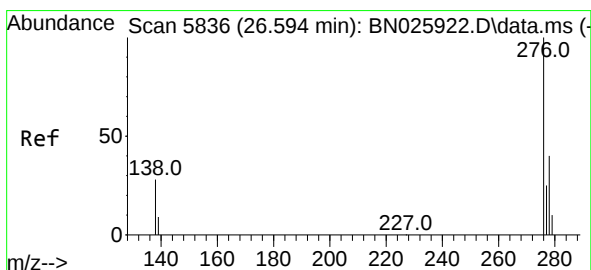
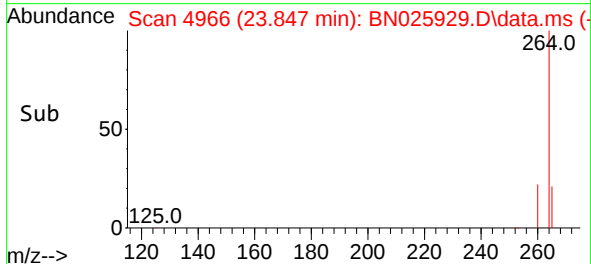
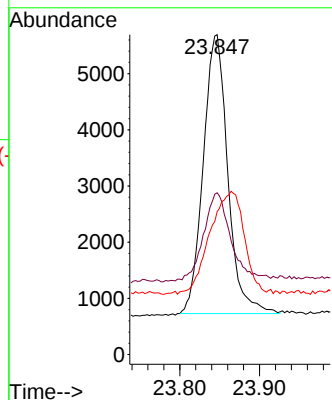
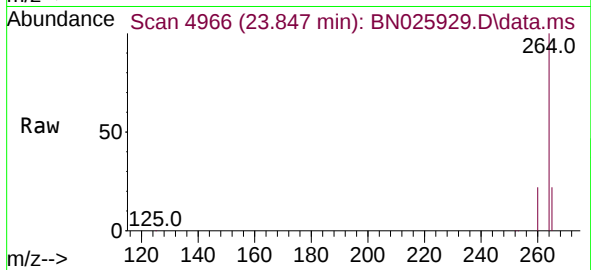
Tgt Ion:252 Resp: 10603

Ion Ratio Lower Upper

252 100

253 50.6 26.0 39.0#

125 44.7 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng/ul

RT: 26.608 min Scan# 5840

Delta R.T. 0.013 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

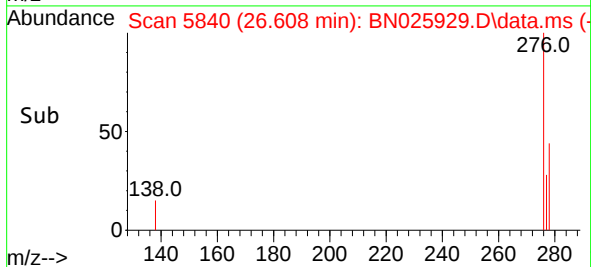
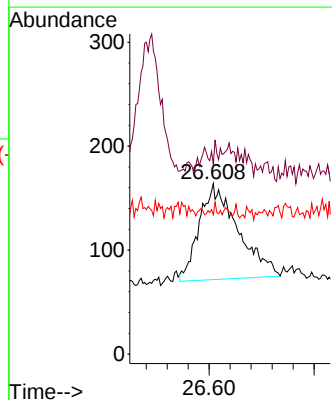
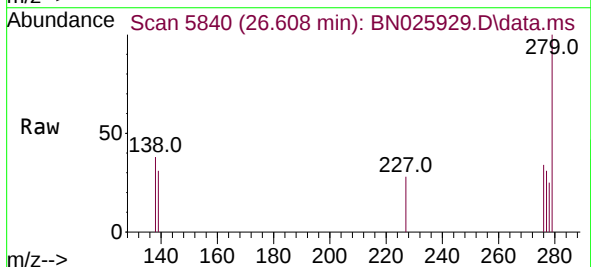
Tgt Ion:276 Resp: 472

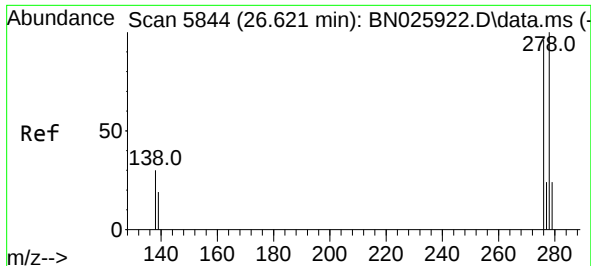
Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7#

227 1.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.000 ng/ul

RT: 26.574 min Scan# 5844

Delta R.T. -0.047 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

Instrument :

BNA_N

ClientSampleId :

SBLK403

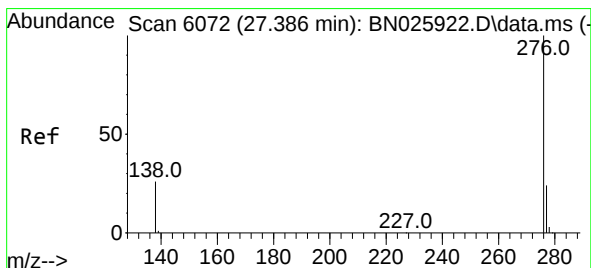
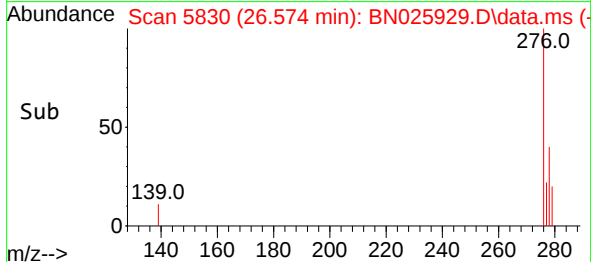
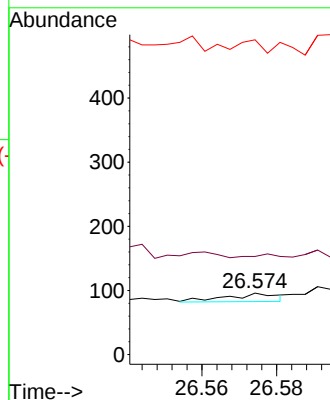
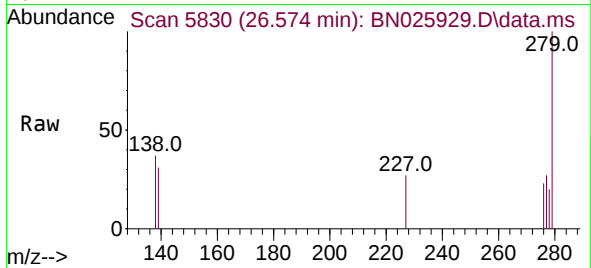
Tgt Ion:278 Resp: 12

Ion Ratio Lower Upper

278 100

139 159.4 19.0 28.4#

279 511.5 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 27.403 min Scan# 6077

Delta R.T. 0.017 min

Lab File: BN025929.D

Acq: 22 Jun 2023 10:11

Tgt Ion:276 Resp: 422

Ion Ratio Lower Upper

276 100

138 122.7 23.4 35.0#

277 91.3 20.0 30.0#

