

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030153.D
 Acq On : 29 Feb 2024 05:51
 Operator : MA/JU
 Sample : P1494-16MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH3W6MSD

Quant Time: Feb 29 06:17:44 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 : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

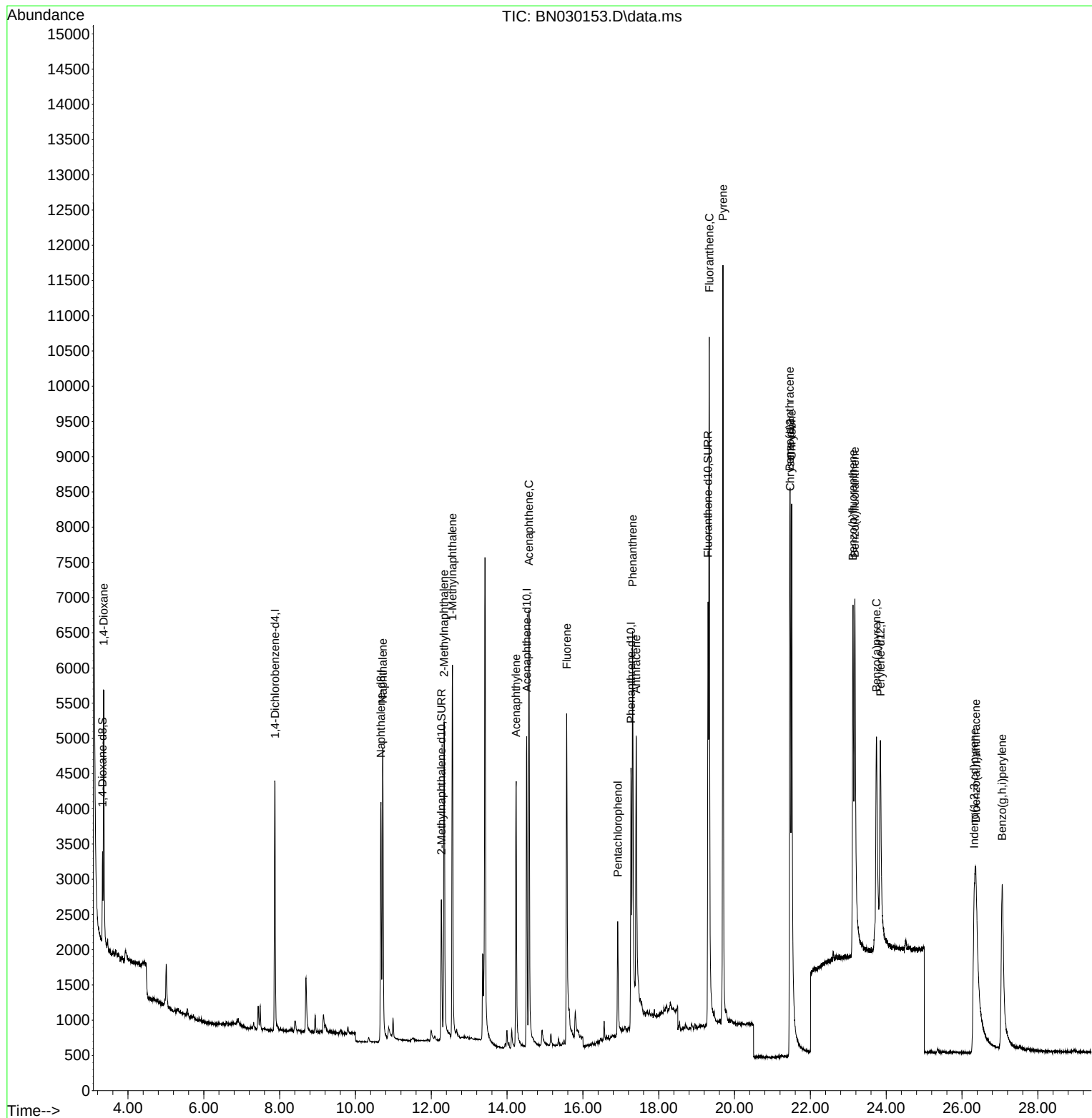
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	1969	0.400	ng/ul	0.02
4) Naphthalene-d8	10.672	136	5464	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.517	164	2754	0.400	ng/ul	0.02
13) Phenanthrene-d10	17.269	188	5376	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	5313	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	4735	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	943	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	3046	0.438	ng/ul	0.02
18) Fluoranthene-d10	19.300	212	7670	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	2521	0.943	ng/ul	99
5) Naphthalene	10.722	128	6251	0.407	ng/ul	98
7) 2-Methylnaphthalene	12.339	142	3624	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.558	142	3863	0.430	ng/ul	99
10) Acenaphthylene	14.239	152	5431	0.404	ng/ul	97
11) Acenaphthene	14.577	153	4168	0.408	ng/ul	97
12) Fluorene	15.571	166	4427	0.414	ng/ul	97
14) Pentachlorophenol	16.918	266	1288	1.074	ng/ul#	51
15) Phenanthrene	17.311	178	7407	0.441	ng/ul	95
16) Anthracene	17.408	178	6141	0.435	ng/ul#	95
19) Fluoranthene	19.333	202	9574	0.392	ng/ul#	94
20) Pyrene	19.695	202	10464	0.418	ng/ul#	92
21) Benzo(a)anthracene	21.456	228	7463	0.390	ng/ul	98
22) Chrysene	21.506	228	8638	0.412	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	7948	0.446	ng/ul	97
25) Benzo(k)fluoranthene	23.172	252	9206	0.466	ng/ul	95
26) Benzo(a)pyrene	23.745	252	7281	0.435	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.320	276	8281	0.407	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.363	278	6327	0.397	ng/ul#	86
29) Benzo(g,h,i)perylene	27.057	276	7601	0.412	ng/ul	93

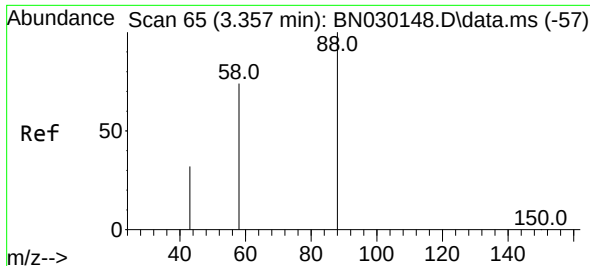
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

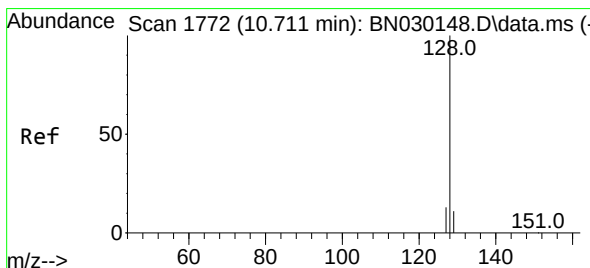
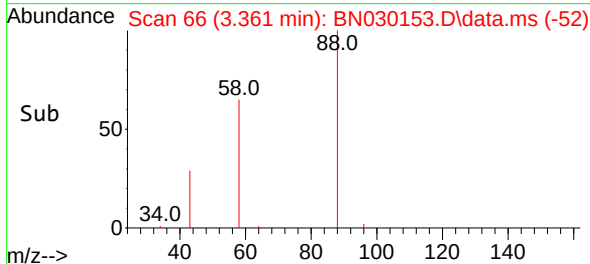
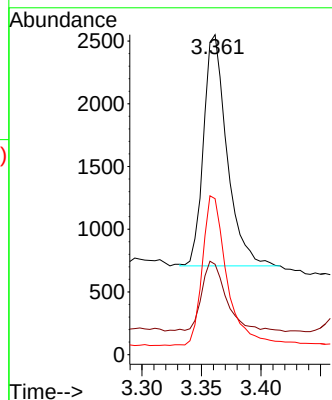
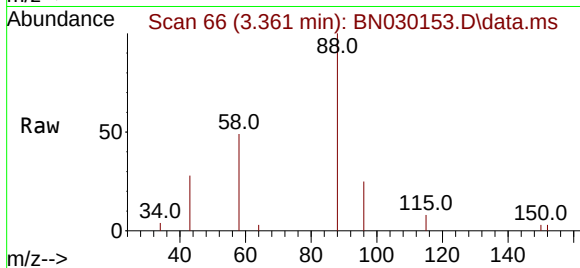




#2
1,4-Dioxane
Concen: 0.943 ng/ul
RT: 3.361 min Scan# 60
Delta R.T. 0.009 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

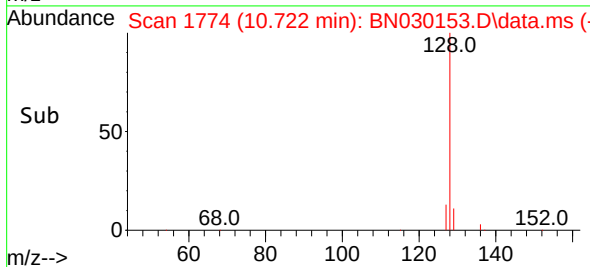
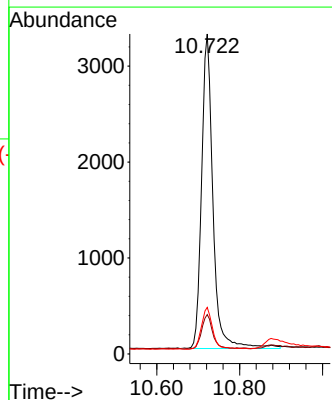
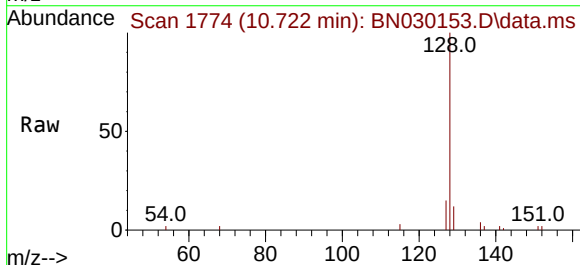
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

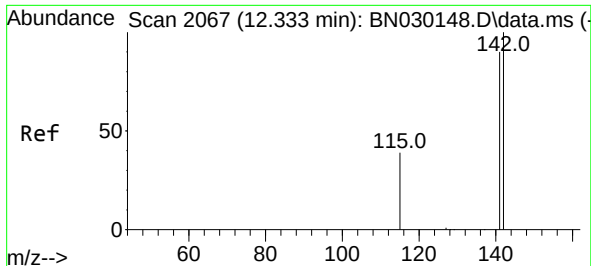
Tgt Ion: 88 Resp: 2521
Ion Ratio Lower Upper
88 100
43 28.2 21.8 32.6
58 48.7 39.3 58.9



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. 0.022 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion: 128 Resp: 6251
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.6 11.0 16.6

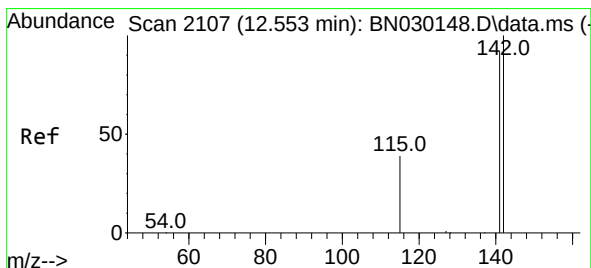
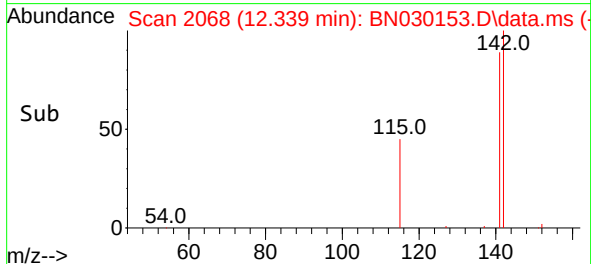
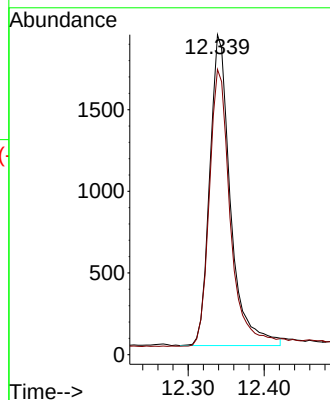
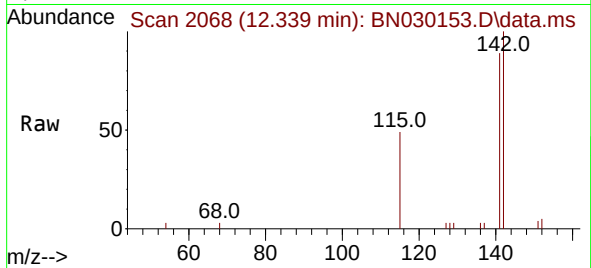




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.339 min Scan# 2067
Delta R.T. 0.022 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

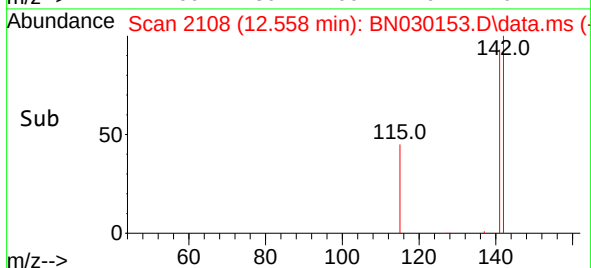
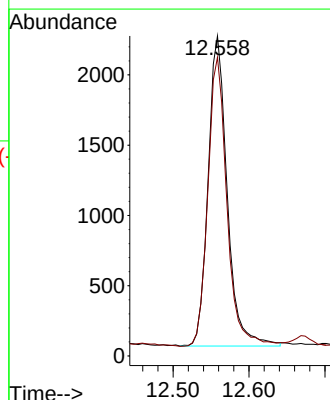
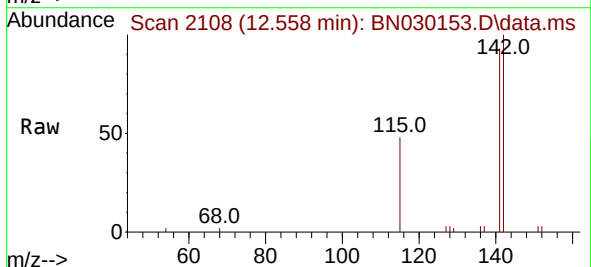
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

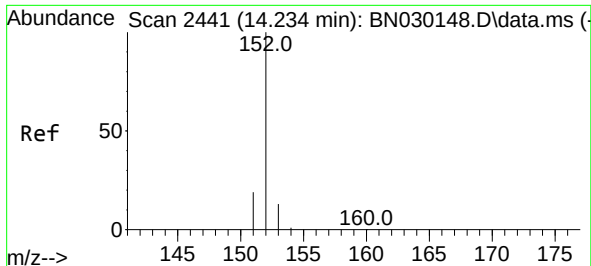
Tgt Ion:142 Resp: 3624
Ion Ratio Lower Upper
142 100
141 90.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.558 min Scan# 2108
Delta R.T. 0.022 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:142 Resp: 3863
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

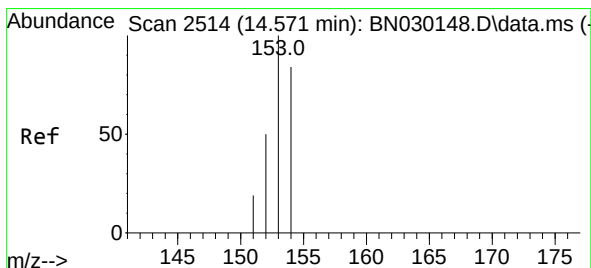
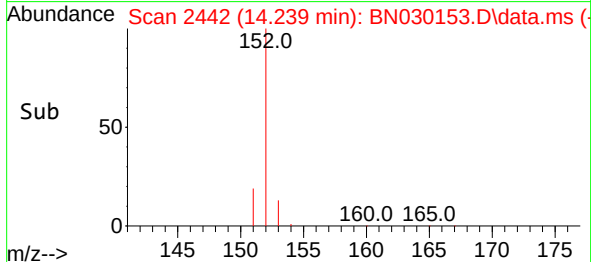
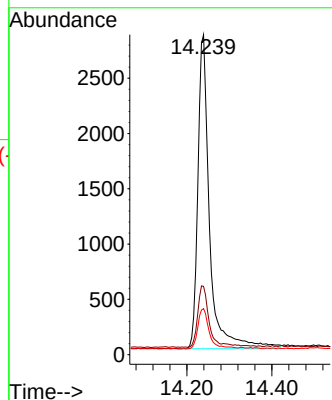
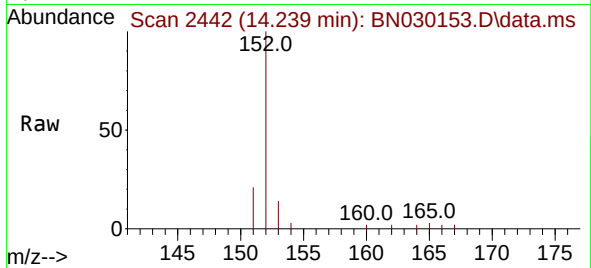




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.239 min Scan# 2441
Delta R.T. 0.020 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

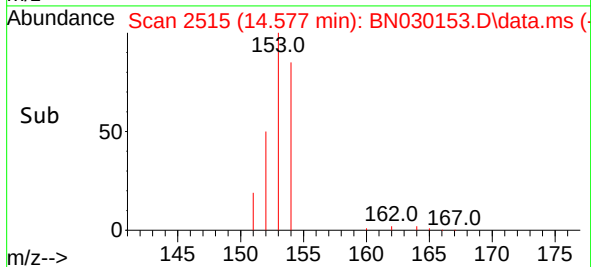
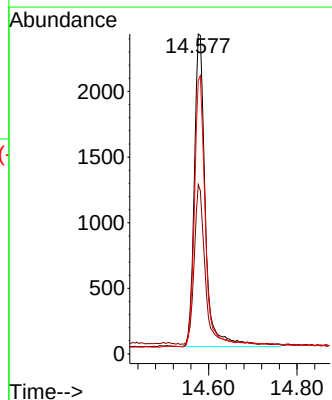
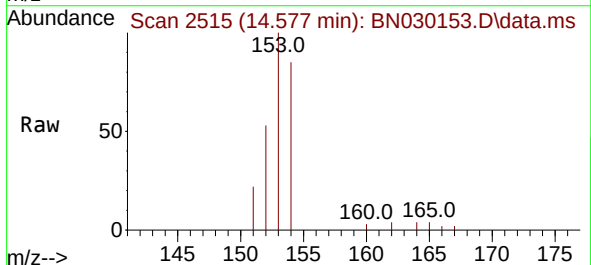
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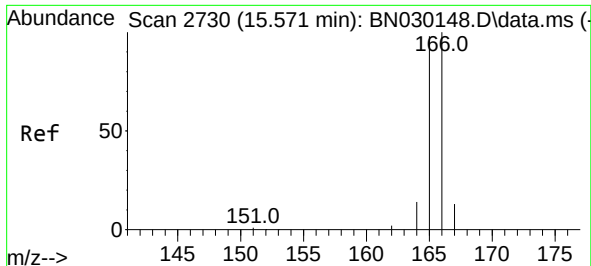
Tgt Ion:152 Resp: 5431
Ion Ratio Lower Upper
152 100
151 21.4 15.8 23.8
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.577 min Scan# 2515
Delta R.T. 0.015 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:153 Resp: 4168
Ion Ratio Lower Upper
153 100
152 52.9 41.5 62.3
154 85.4 70.9 106.3

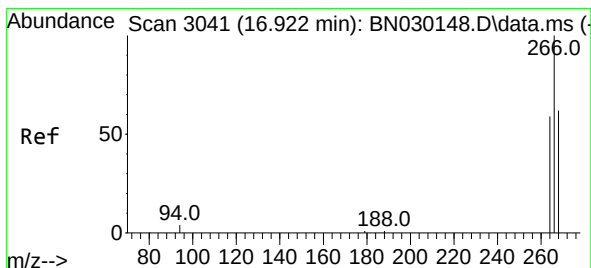
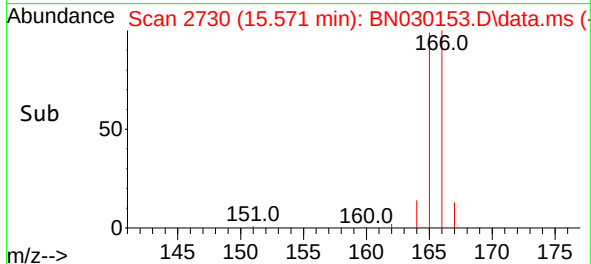
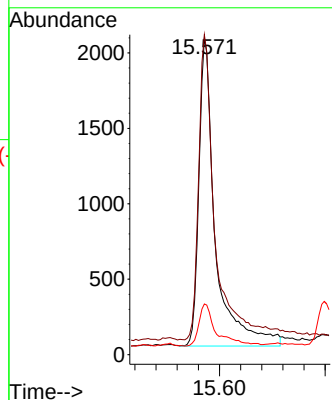
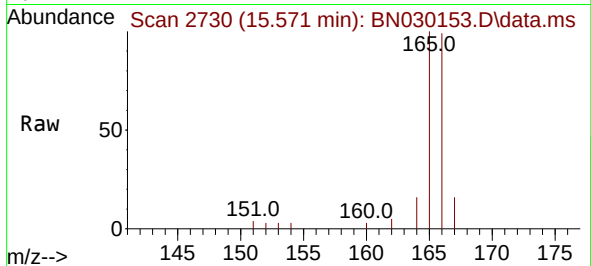




#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.571 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

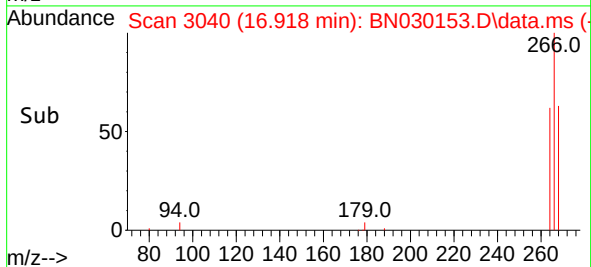
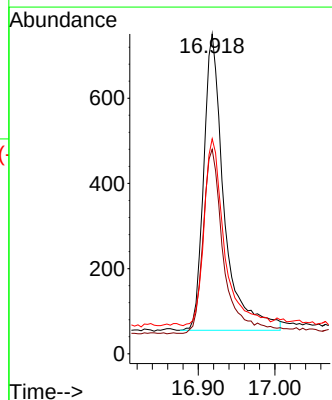
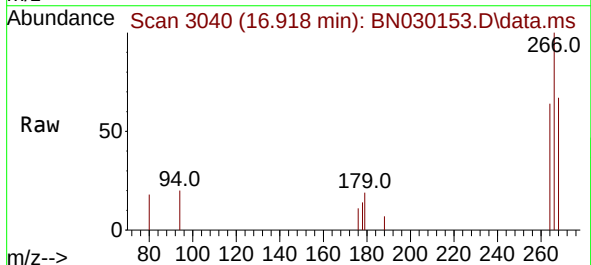
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BNA_N
ClientSampleId :
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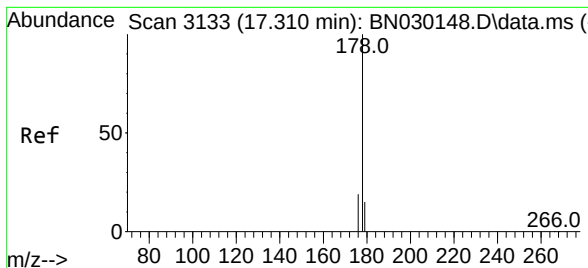
Tgt Ion:166 Resp: 4427
Ion Ratio Lower Upper
166 100
165 101.1 78.6 117.8
167 16.0 11.5 17.3



#14
Pentachlorophenol
Concen: 1.074 ng/ul
RT: 16.918 min Scan# 3040
Delta R.T. 0.001 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:266 Resp: 1288
Ion Ratio Lower Upper
266 100
264 62.1 0.0 0.0#
268 62.8 0.2 0.2#





#15

Phenanthrene

Concen: 0.441 ng/ul

RT: 17.311 min Scan# 3133

Delta R.T. 0.010 min

Lab File: BN030153.D

Acq: 29 Feb 2024 05:51

Instrument :

BNA_N

ClientSampleId :

BH3W6MSD

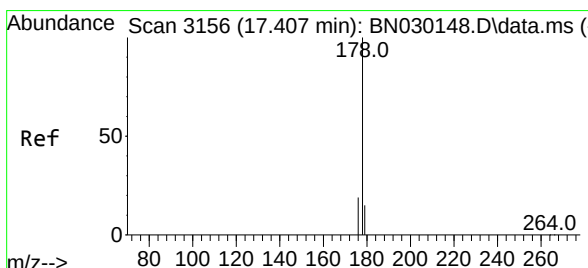
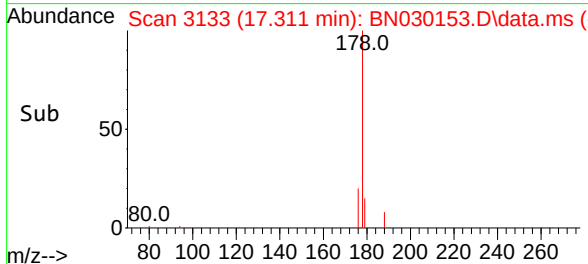
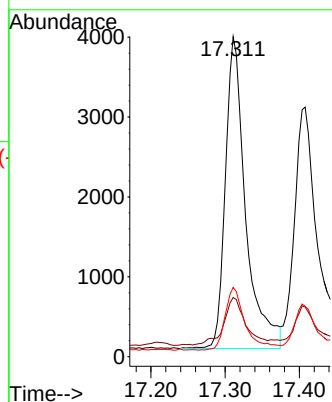
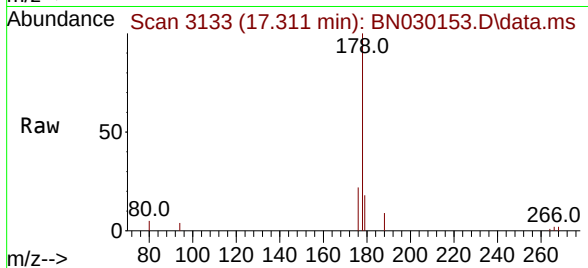
Tgt Ion:178 Resp: 7407

Ion Ratio Lower Upper

178 100

179 18.5 12.6 18.8

176 21.6 15.7 23.5



#16

Anthracene

Concen: 0.435 ng/ul

RT: 17.408 min Scan# 3156

Delta R.T. 0.010 min

Lab File: BN030153.D

Acq: 29 Feb 2024 05:51

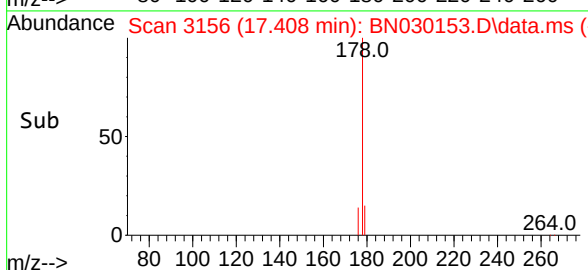
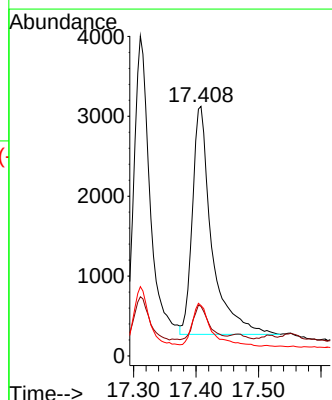
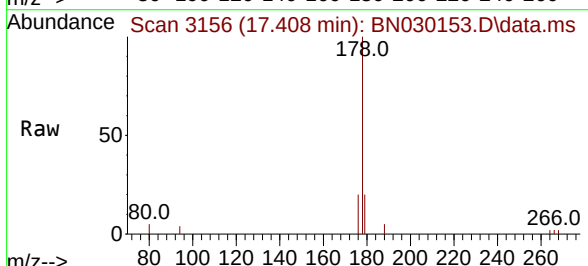
Tgt Ion:178 Resp: 6141

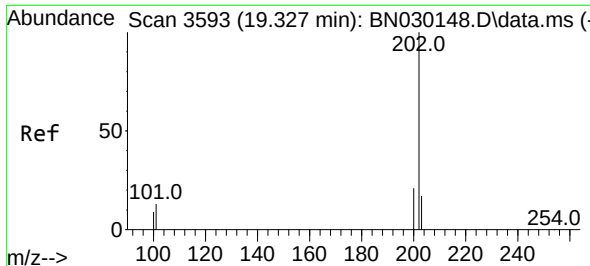
Ion Ratio Lower Upper

178 100

179 19.9 12.9 19.3#

176 20.2 15.8 23.8

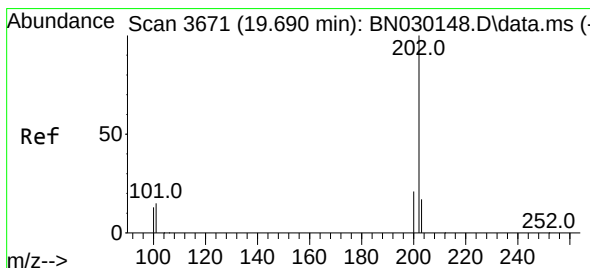
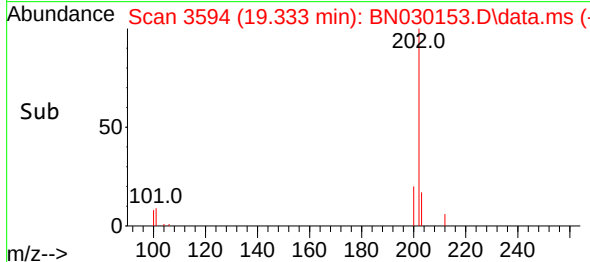
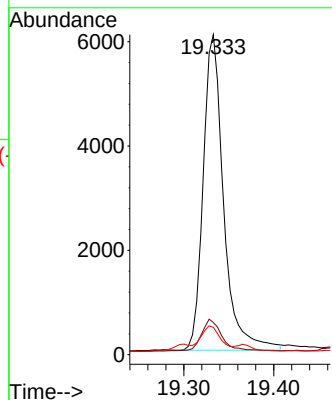
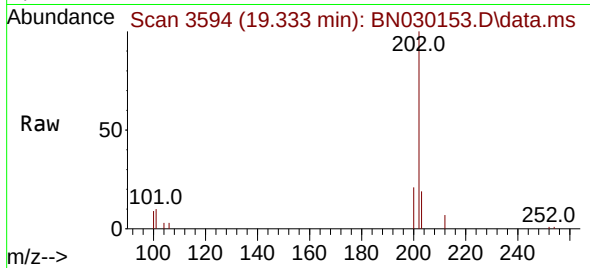




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.333 min Scan# 3594
Delta R.T. 0.010 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

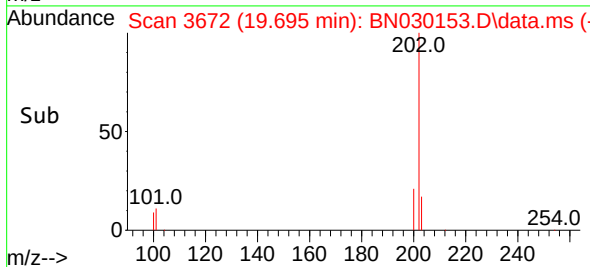
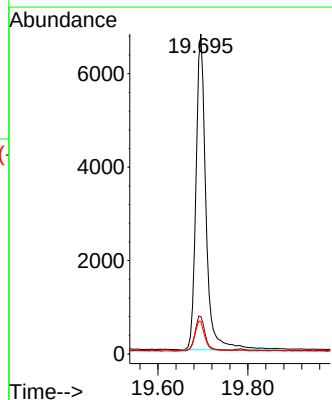
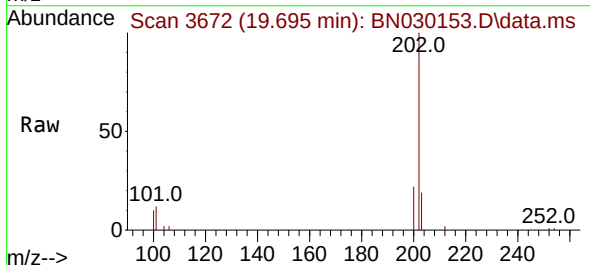
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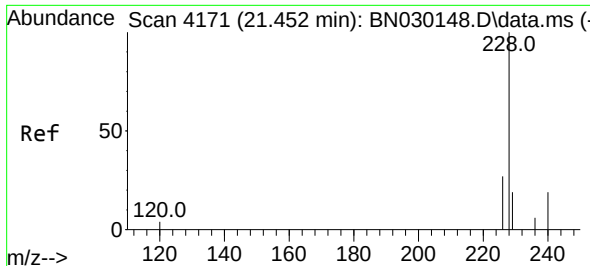
Tgt Ion:202 Resp: 9574
Ion Ratio Lower Upper
202 100
101 10.1 10.4 15.6#
100 8.6 8.5 12.7



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.695 min Scan# 3672
Delta R.T. 0.010 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:202 Resp: 10464
Ion Ratio Lower Upper
202 100
101 11.7 12.5 18.7#
100 10.2 10.0 15.0

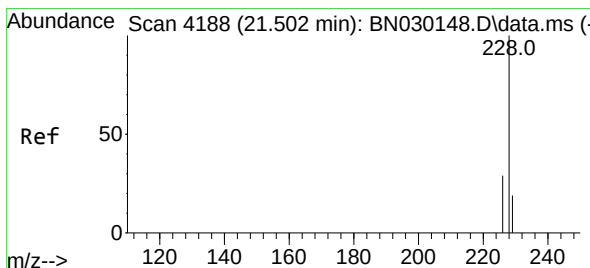
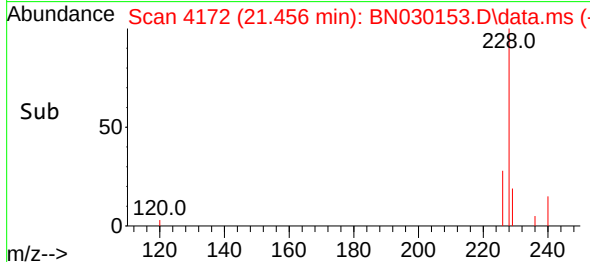
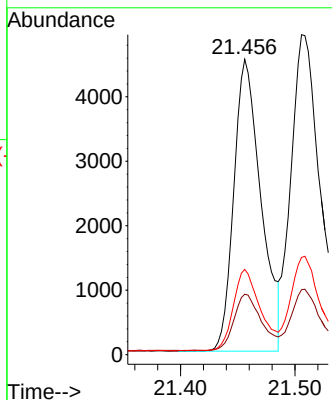
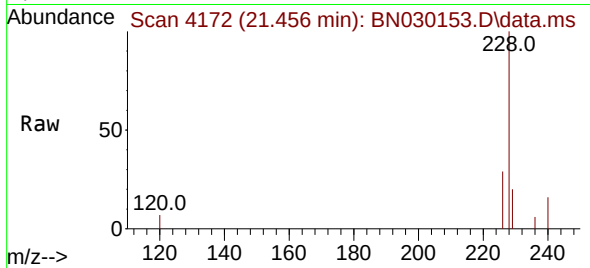




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.456 min Scan# 4171
Delta R.T. 0.005 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

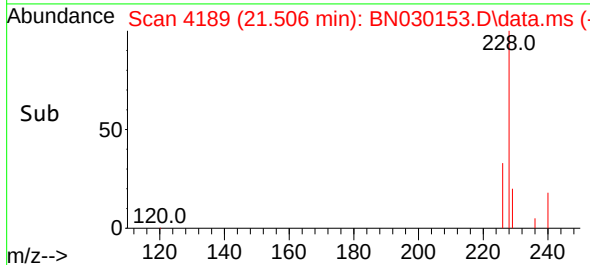
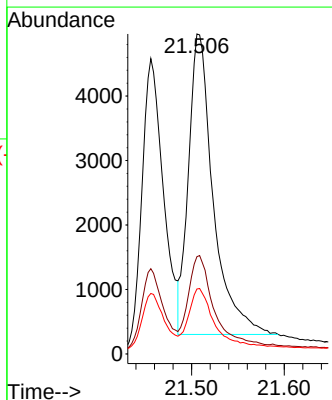
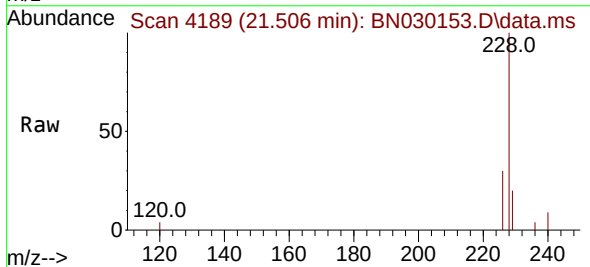
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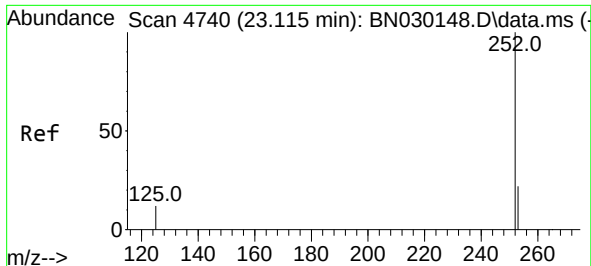
Tgt Ion:228 Resp: 7463
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.9 22.2 33.4



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.005 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:228 Resp: 8638
Ion Ratio Lower Upper
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226 30.4 24.2 36.2
229 20.3 15.7 23.5

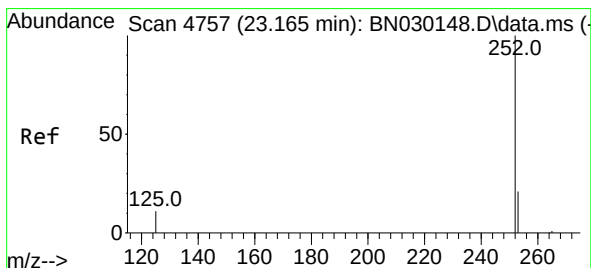
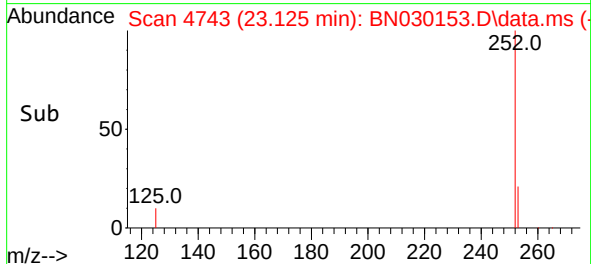
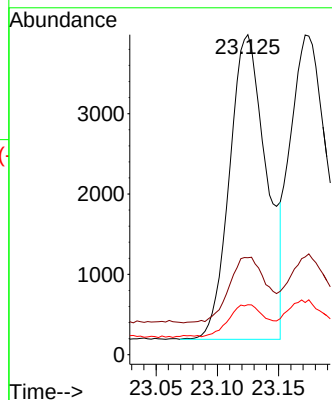
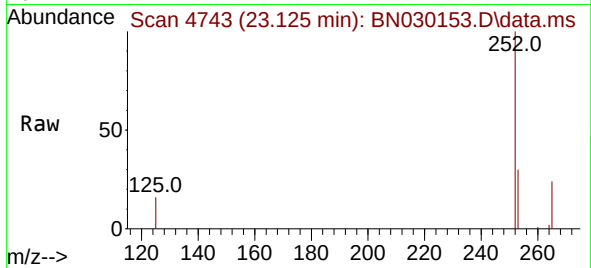




#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.125 min Scan# 4743
Delta R.T. 0.017 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

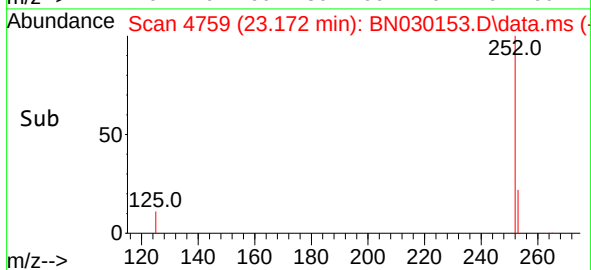
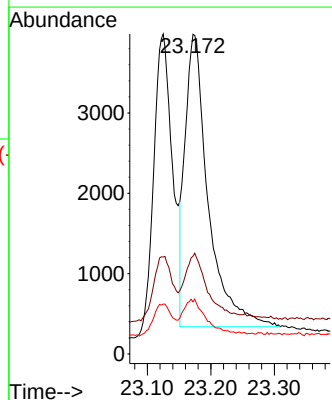
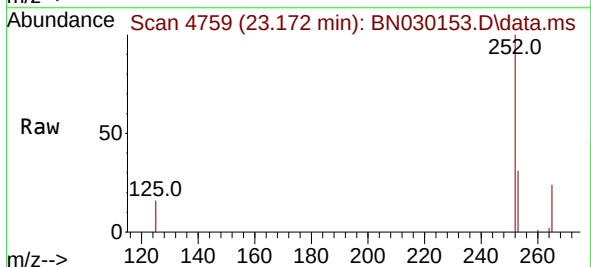
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

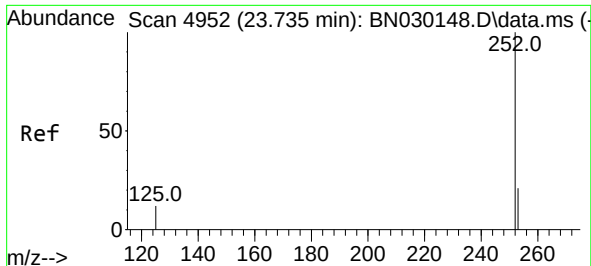
Tgt Ion:252 Resp: 7948
Ion Ratio Lower Upper
252 100
253 30.3 0.0 56.8
125 15.6 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.466 ng/ul
RT: 23.172 min Scan# 4759
Delta R.T. 0.017 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:252 Resp: 9206
Ion Ratio Lower Upper
252 100
253 30.6 22.6 33.8
125 16.3 15.3 22.9

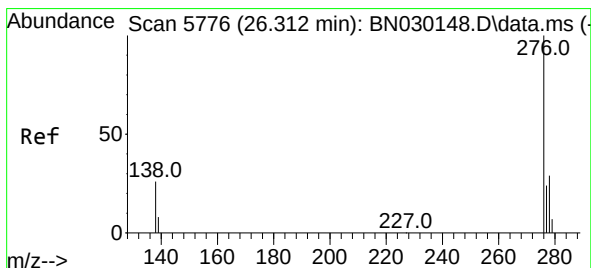
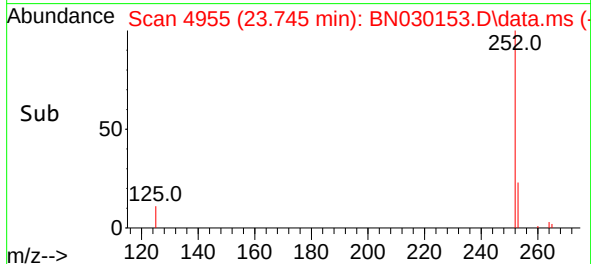
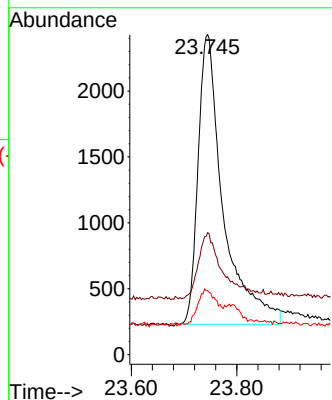
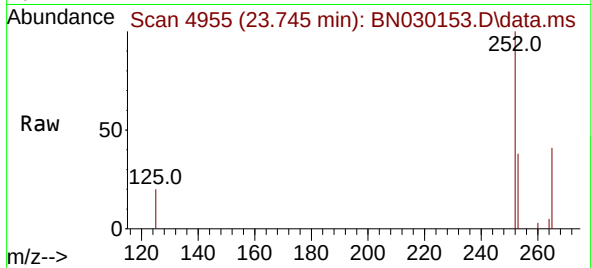




#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.745 min Scan# 4952
Delta R.T. 0.020 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

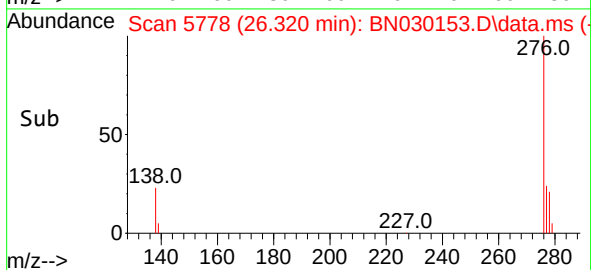
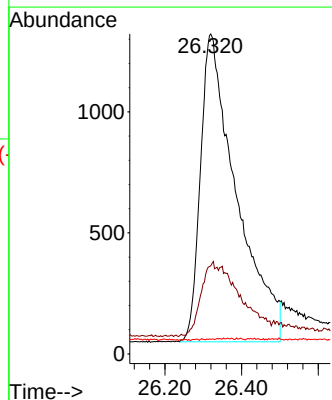
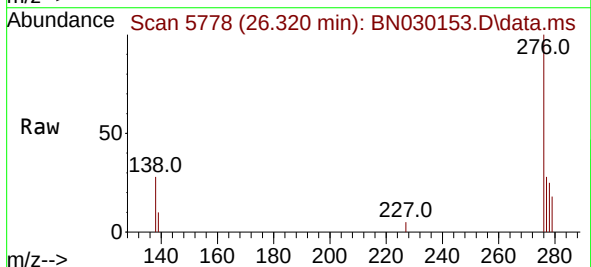
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

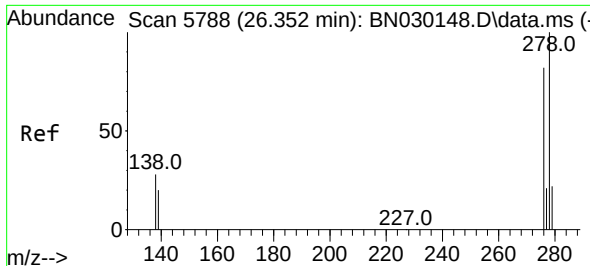
Tgt Ion:252 Resp: 7281
Ion Ratio Lower Upper
252 100
253 38.1 25.4 38.0#
125 19.9 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. 0.026 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:276 Resp: 8281
Ion Ratio Lower Upper
276 100
138 26.4 0.0 0.0#
227 0.0 0.0 0.0#

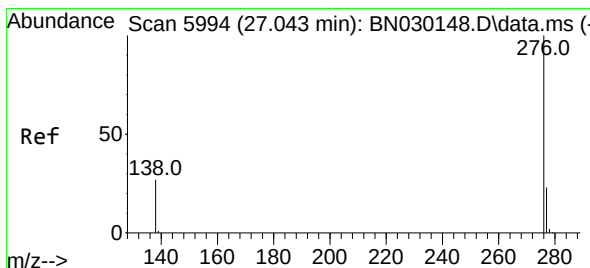
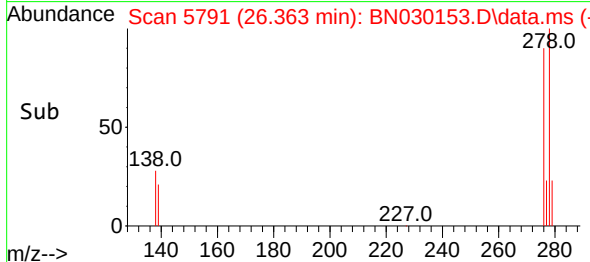
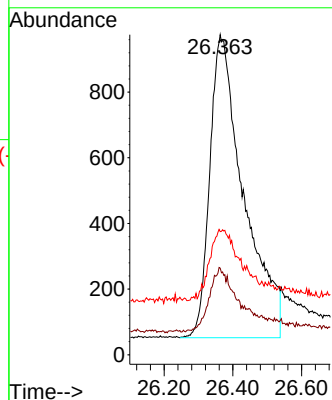
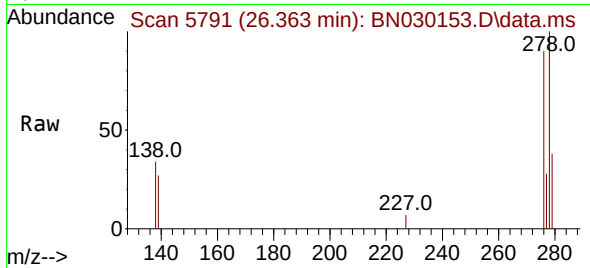




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.363 min Scan# 51
Delta R.T. 0.033 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

Tgt Ion:278 Resp: 6327
Ion Ratio Lower Upper
278 100
139 27.1 19.0 28.4
279 38.5 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. 0.040 min
Lab File: BN030153.D
Acq: 29 Feb 2024 05:51

Tgt Ion:276 Resp: 7601
Ion Ratio Lower Upper
276 100
138 26.3 24.6 37.0
277 27.5 19.7 29.5

