

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030107.D
 Acq On : 28 Feb 2024 00:21
 Operator : MA/JU
 Sample : P1508-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH3Z5MSD

Quant Time: Feb 28 00:51:24 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)

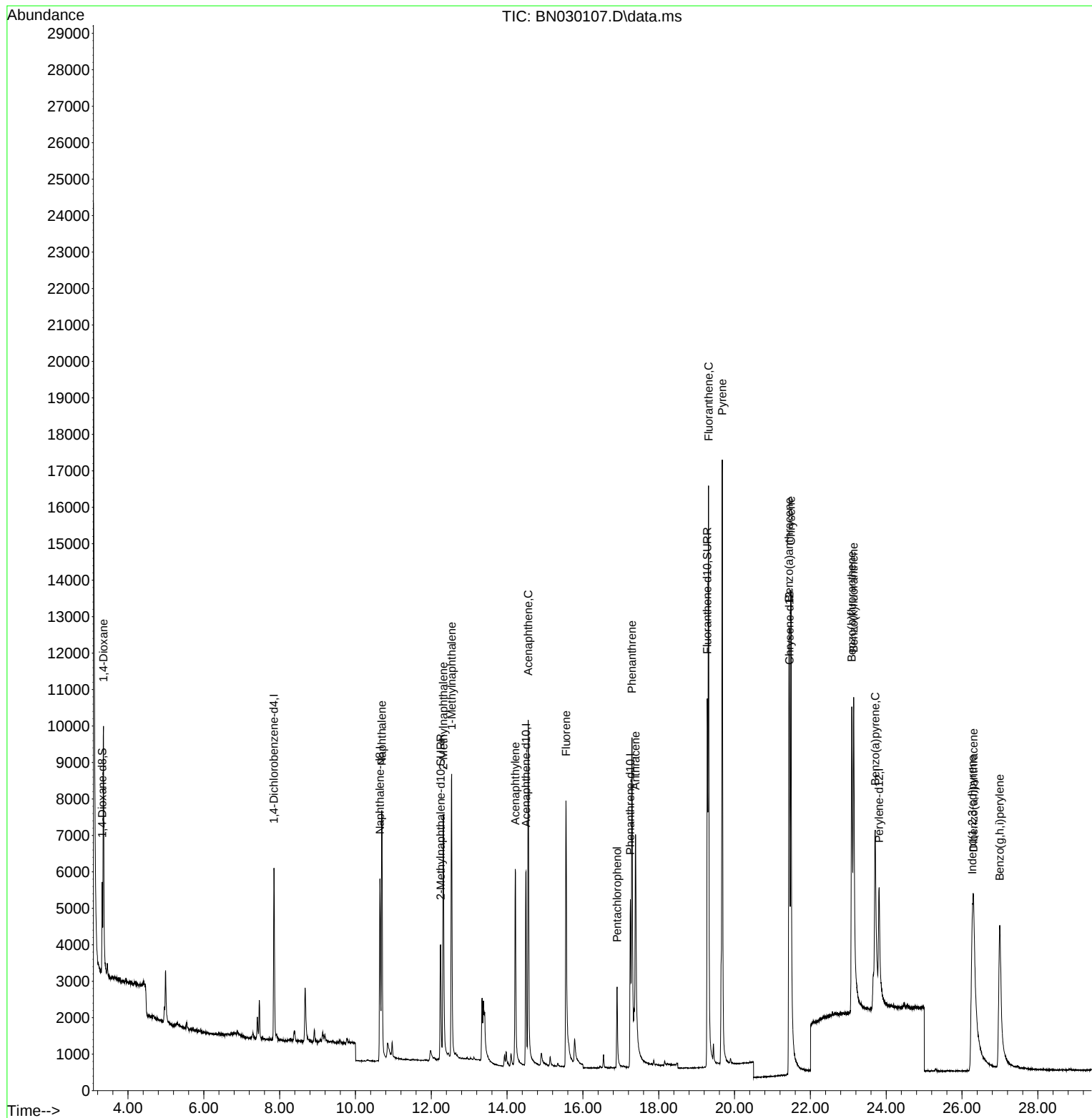
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	2691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	7663	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.498	164	3424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.252	188	6959	0.400	ng/ul	-0.01
17) Chrysene-d12	21.450	240	6022	0.400	ng/ul	-0.02
23) Perylene-d12	23.812	264	5113	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1630	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	4954	0.508	ng/ul	0.00
18) Fluoranthene-d10	19.282	212	12518	0.633	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	4462	1.221	ng/ul	94
5) Naphthalene	10.694	128	10382	0.481	ng/ul	100
7) 2-Methylnaphthalene	12.316	142	5668	0.458	ng/ul	99
8) 1-Methylnaphthalene	12.536	142	5989	0.476	ng/ul	100
10) Acenaphthylene	14.216	152	8097	0.485	ng/ul	96
11) Acenaphthene	14.558	153	6531	0.514	ng/ul	98
12) Fluorene	15.553	166	7043	0.530	ng/ul	96
14) Pentachlorophenol	16.901	266	1834	1.182	ng/ul#	49
15) Phenanthrene	17.294	178	11859	0.545	ng/ul	98
16) Anthracene	17.387	178	10063	0.550	ng/ul	98
19) Fluoranthene	19.314	202	15485	0.560	ng/ul	99
20) Pyrene	19.677	202	16457	0.581	ng/ul	99
21) Benzo(a)anthracene	21.436	228	12055	0.555	ng/ul	100
22) Chrysene	21.488	228	14588	0.614	ng/ul	100
24) Benzo(b)fluoranthene	23.093	252	13049	0.678	ng/ul	98
25) Benzo(k)fluoranthene	23.142	252	15442	0.724	ng/ul	96
26) Benzo(a)pyrene	23.710	252	11965	0.661	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.269	276	13801	0.629	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.303	278	10642	0.618	ng/ul	95
29) Benzo(g,h,i)perylene	26.994	276	12911	0.648	ng/ul	97

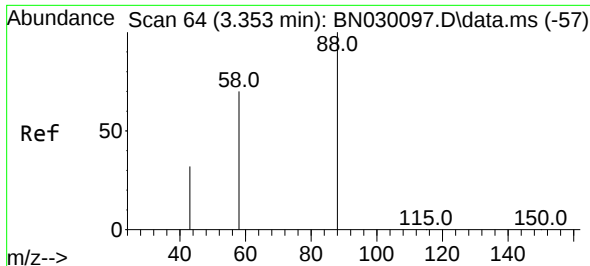
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030107.D
Acq On : 28 Feb 2024 00:21
Operator : MA/JU
Sample : P1508-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

Quant Time: Feb 28 00:51:24 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

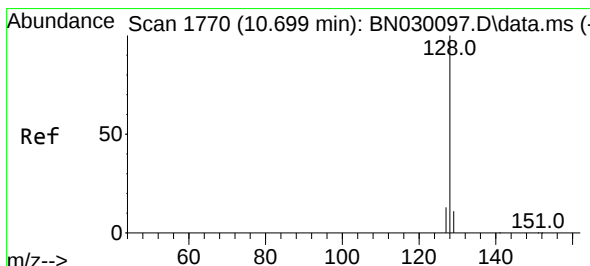
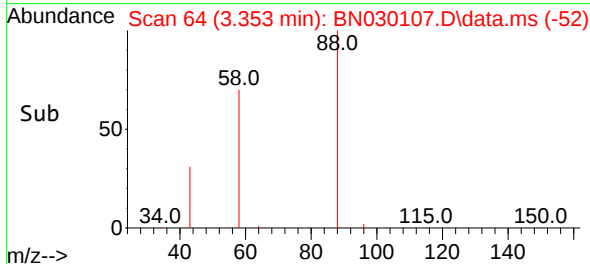
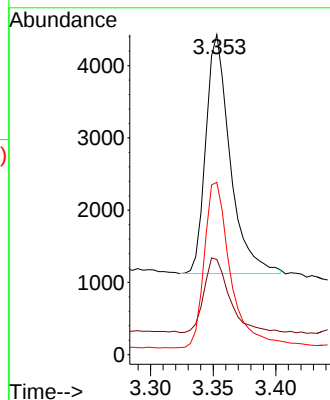
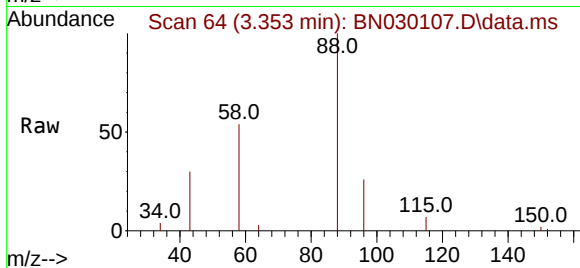




#2
 1,4-Dioxane
 Concen: 1.221 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

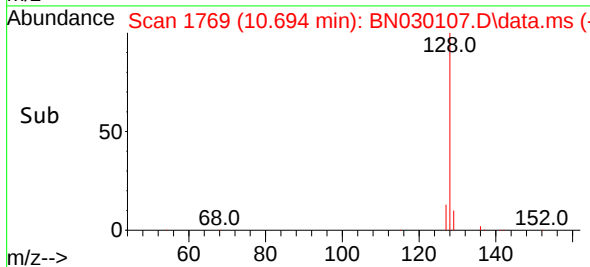
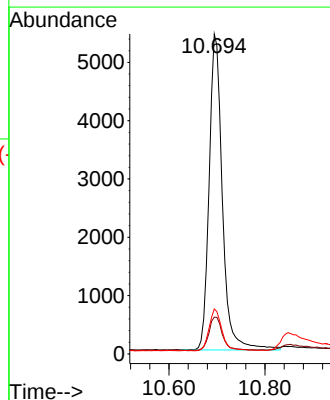
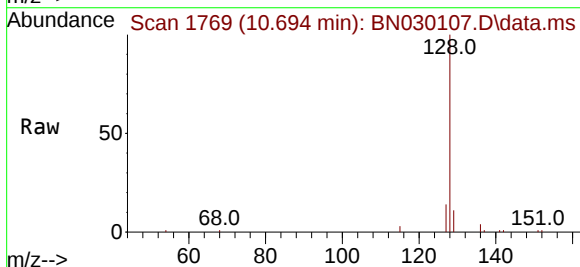
Instrument :
 BNA_N
 ClientSampleId :
 BH3Z5MSD

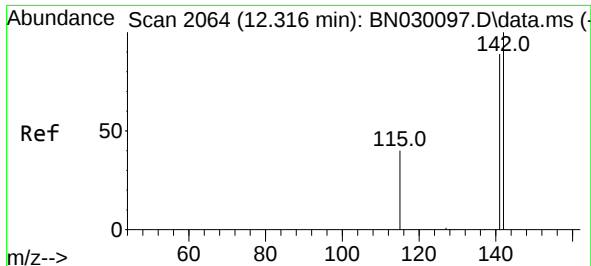
Tgt Ion: 88 Resp: 4462
 Ion Ratio Lower Upper
 88 100
 43 29.8 21.8 32.6
 58 53.9 39.3 58.9



#5
 Naphthalene
 Concen: 0.481 ng/ul
 RT: 10.694 min Scan# 1769
 Delta R.T. -0.005 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

Tgt Ion: 128 Resp: 10382
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 14.1 11.0 16.6

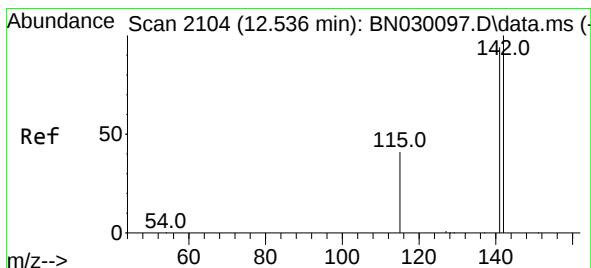
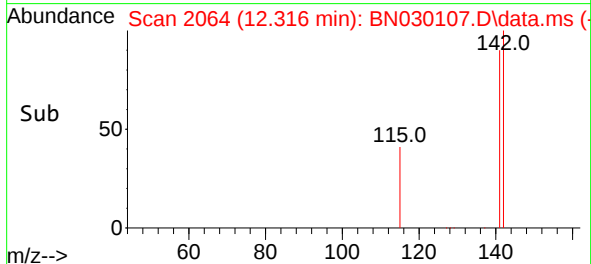
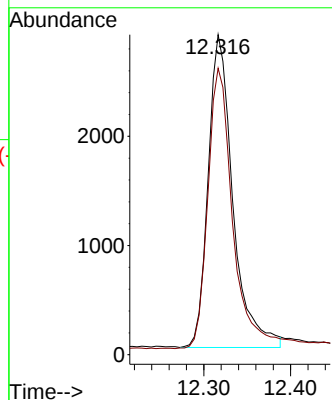
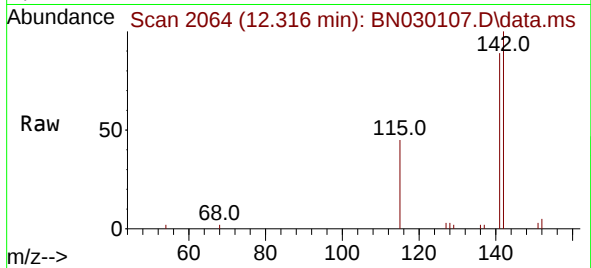




#7
2-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

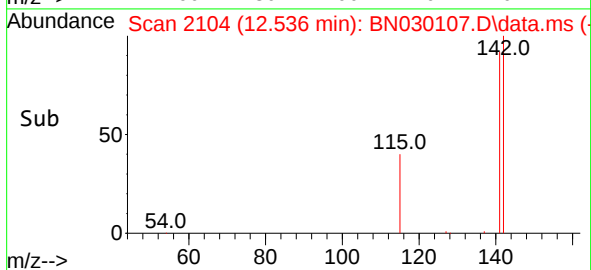
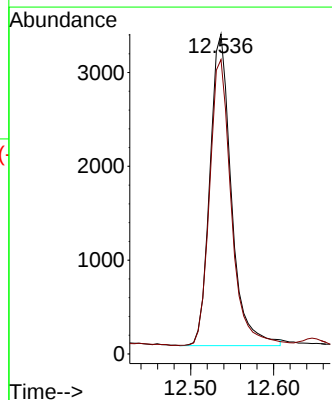
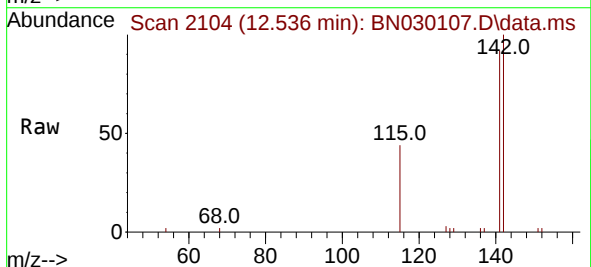
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

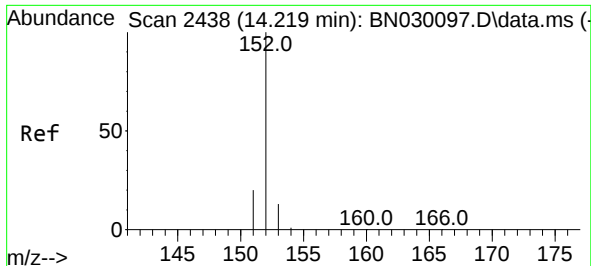
Tgt Ion:142 Resp: 5668
Ion Ratio Lower Upper
142 100
141 90.0 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.476 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:142 Resp: 5989
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

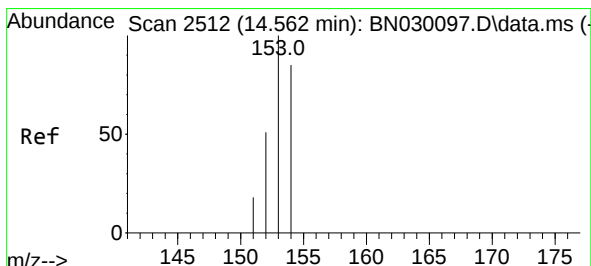
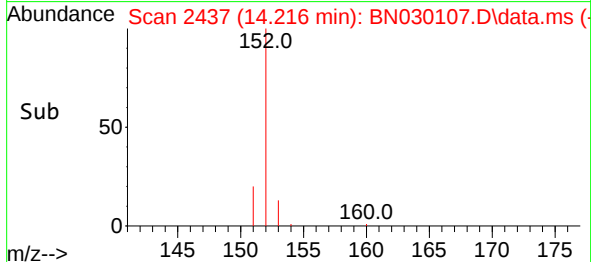
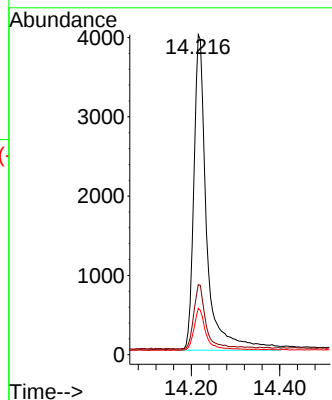
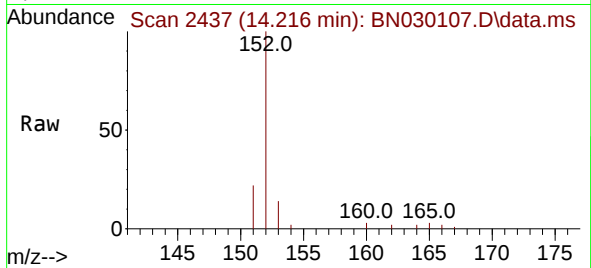




#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 14.216 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

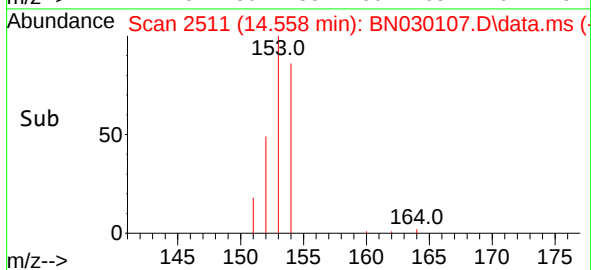
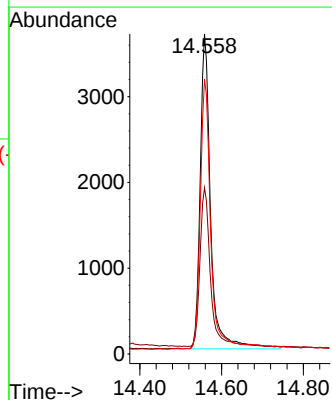
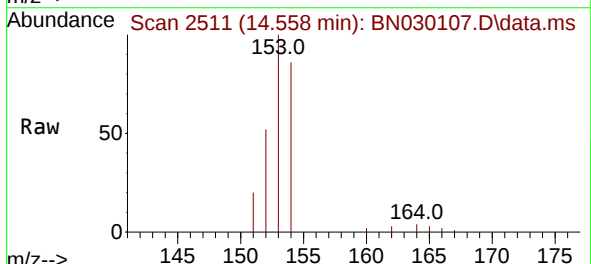
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

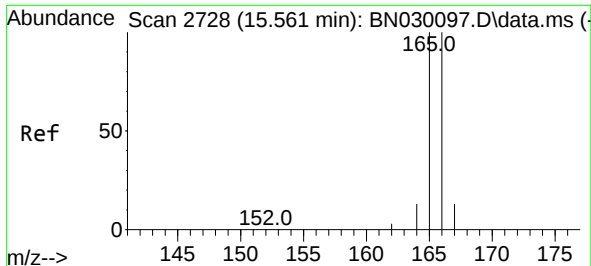
Tgt Ion:152 Resp: 8097
Ion Ratio Lower Upper
152 100
151 21.9 15.8 23.8
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.514 ng/ul
RT: 14.558 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:153 Resp: 6531
Ion Ratio Lower Upper
153 100
152 52.0 41.5 62.3
154 85.8 70.9 106.3

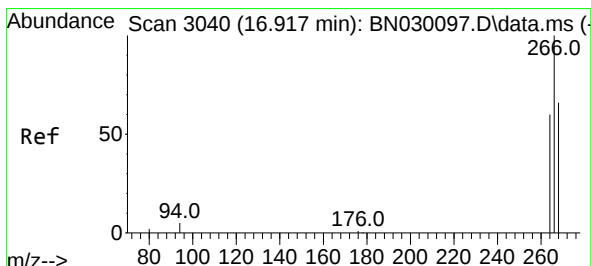
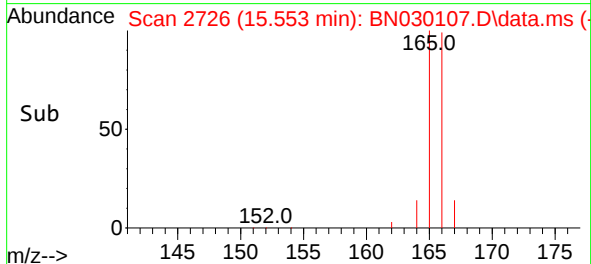
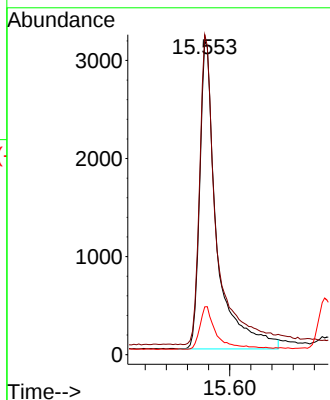
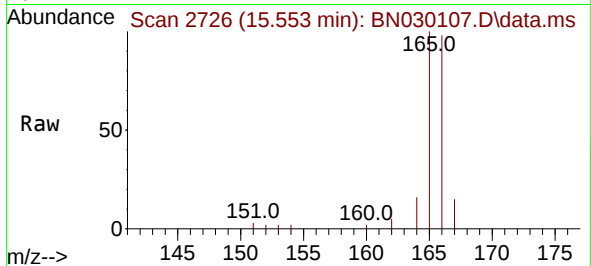




#12
 Fluorene
 Concen: 0.530 ng/ul
 RT: 15.553 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

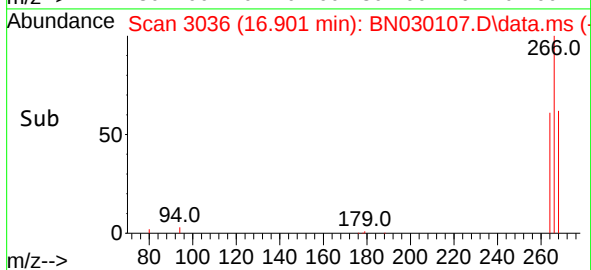
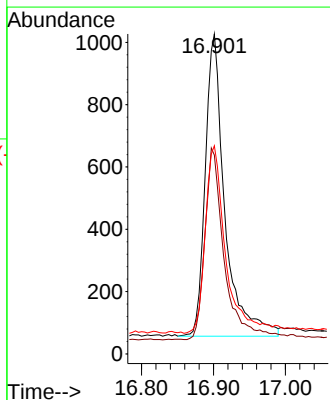
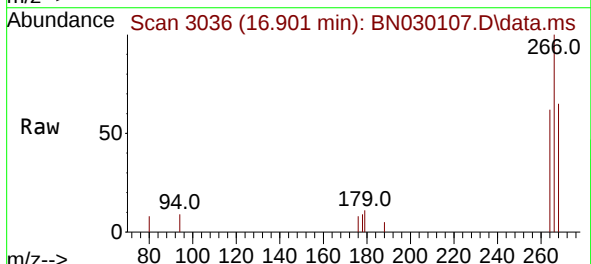
Instrument :
 BNA_N
 ClientSampleId :
 BH3Z5MSD

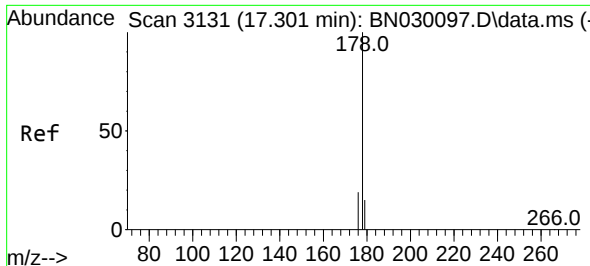
Tgt Ion:166 Resp: 7043
 Ion Ratio Lower Upper
 166 100
 165 102.0 78.6 117.8
 167 15.3 11.5 17.3



#14
 Pentachlorophenol
 Concen: 1.182 ng/ul
 RT: 16.901 min Scan# 3036
 Delta R.T. -0.016 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

Tgt Ion:266 Resp: 1834
 Ion Ratio Lower Upper
 266 100
 264 62.9 0.0 0.0#
 268 65.0 0.2 0.2#

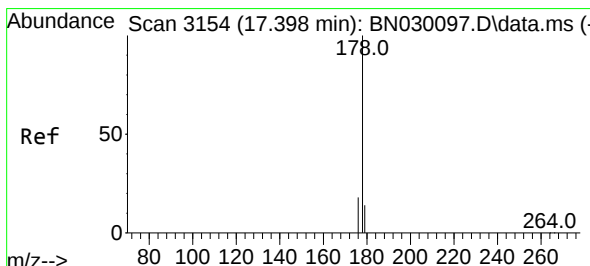
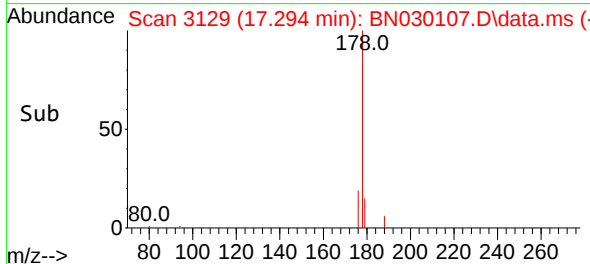
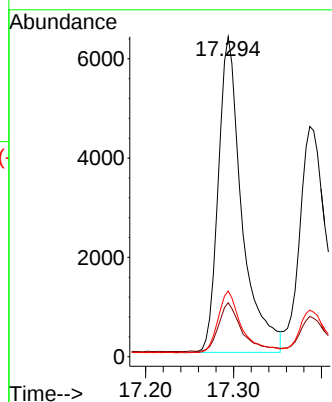
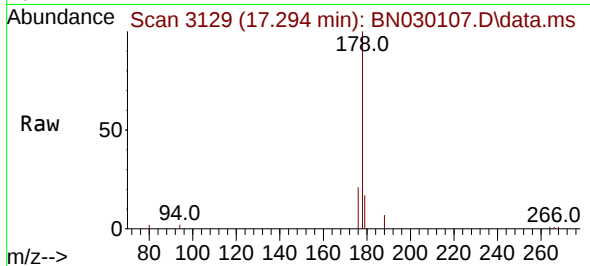




#15
Phenanthrene
Concen: 0.545 ng/ul
RT: 17.294 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

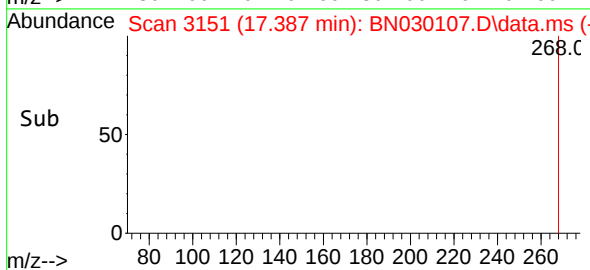
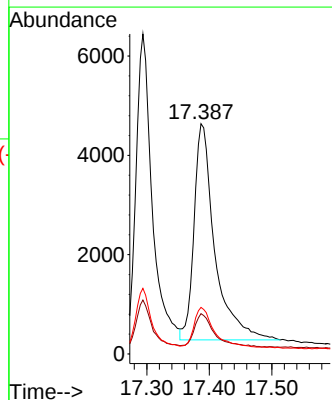
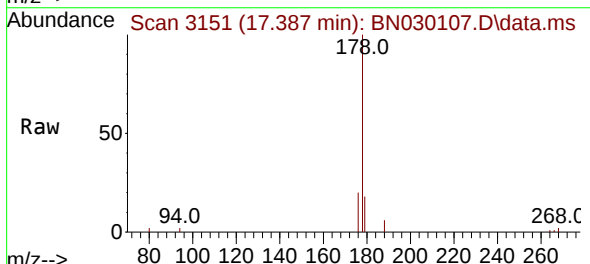
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

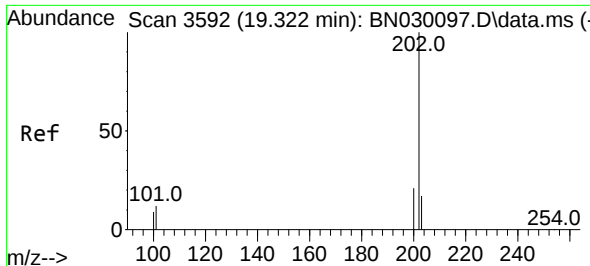
Tgt Ion:178 Resp: 11859
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.5 15.7 23.5



#16
Anthracene
Concen: 0.550 ng/ul
RT: 17.387 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:178 Resp: 10063
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.2 15.8 23.8

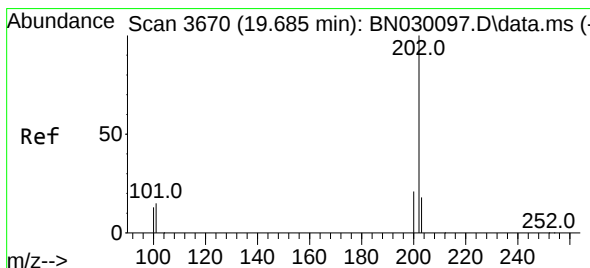
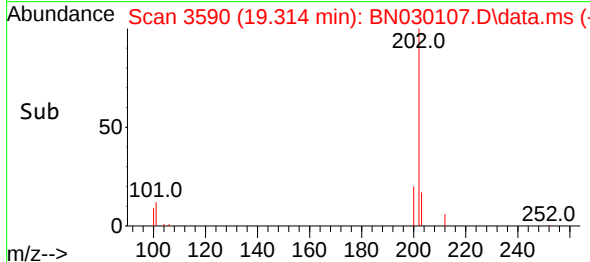
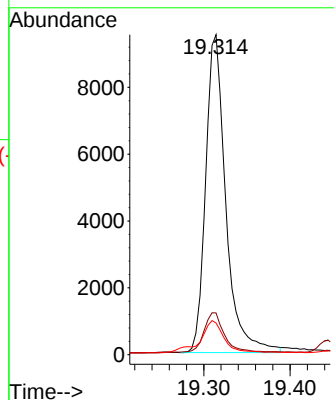
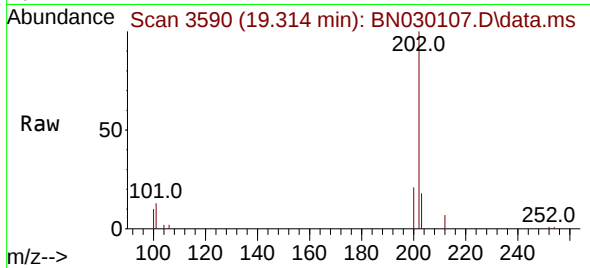




#19
Fluoranthene
Concen: 0.560 ng/ul
RT: 19.314 min Scan# 3590
Delta R.T. -0.008 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

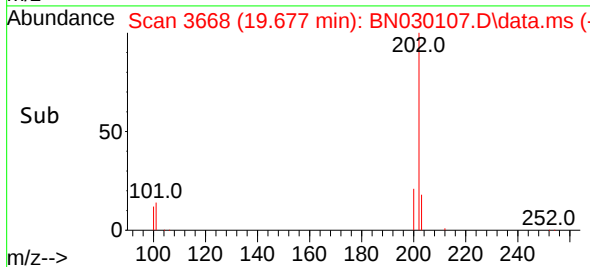
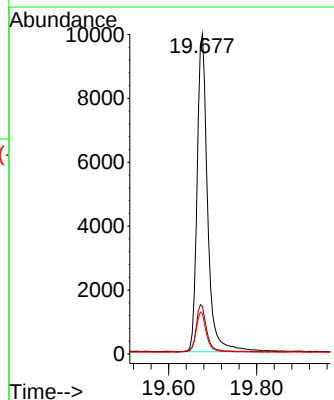
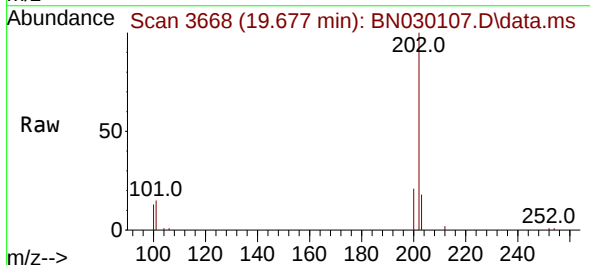
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

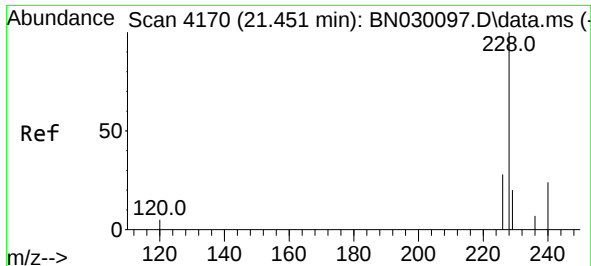
Tgt Ion:202 Resp: 15485
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.581 ng/ul
RT: 19.677 min Scan# 3668
Delta R.T. -0.008 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:202 Resp: 16457
Ion Ratio Lower Upper
202 100
101 14.9 12.5 18.7
100 12.6 10.0 15.0

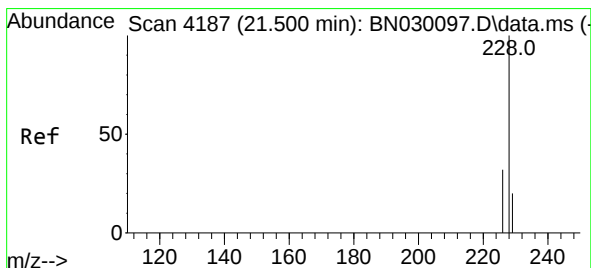
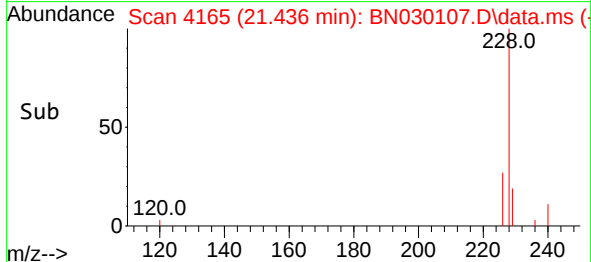
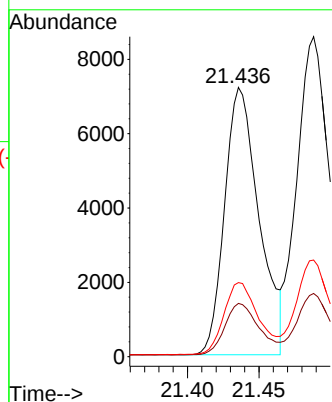
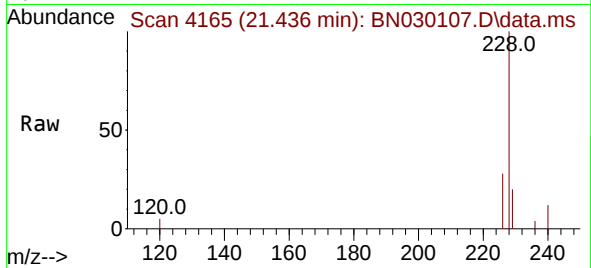




#21
Benzo(a)anthracene
Concen: 0.555 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.015 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

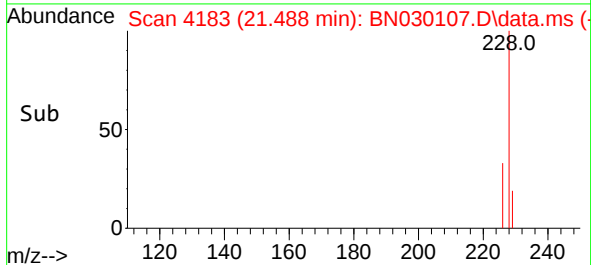
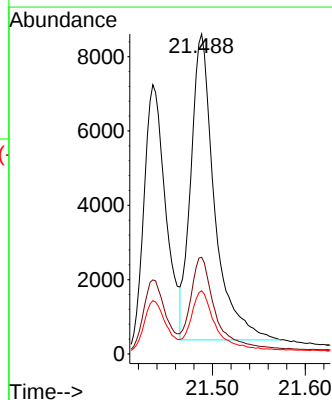
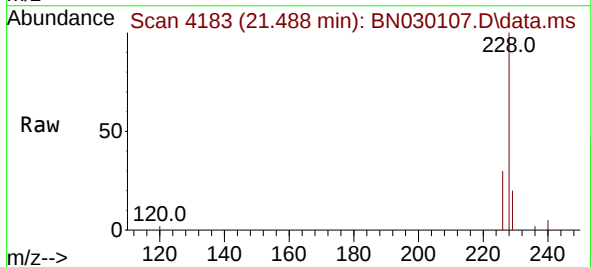
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

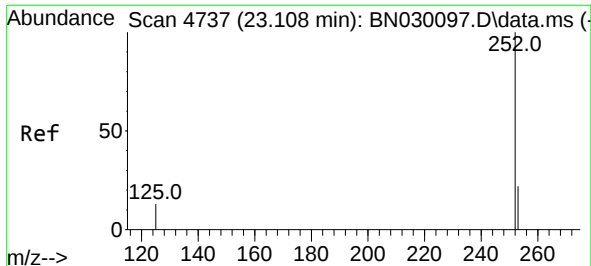
Tgt Ion:228 Resp: 12055
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.5 22.2 33.4



#22
Chrysene
Concen: 0.614 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. -0.012 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:228 Resp: 14588
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.7 15.7 23.5

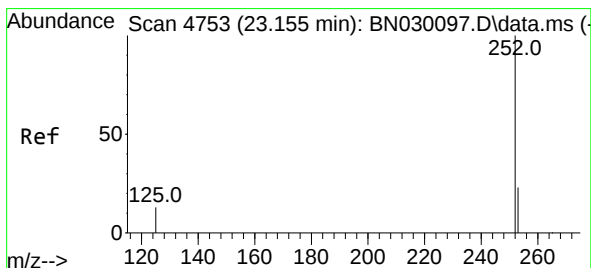
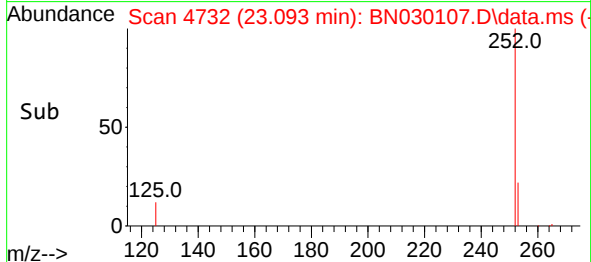
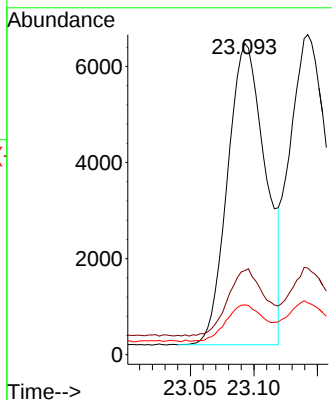
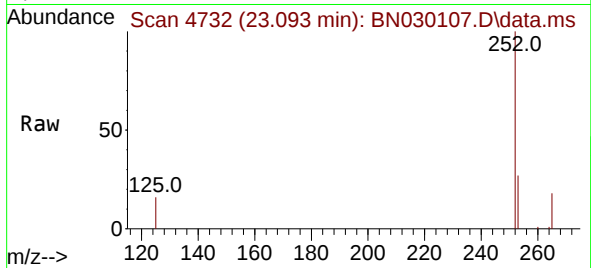




#24
Benzo(b)fluoranthene
Concen: 0.678 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.015 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

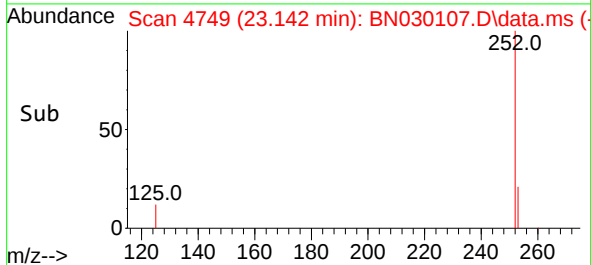
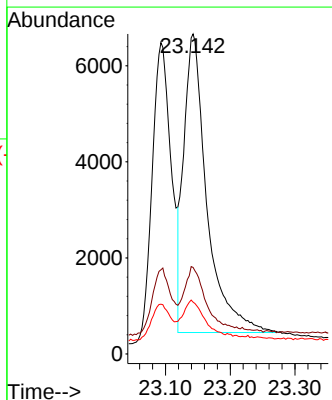
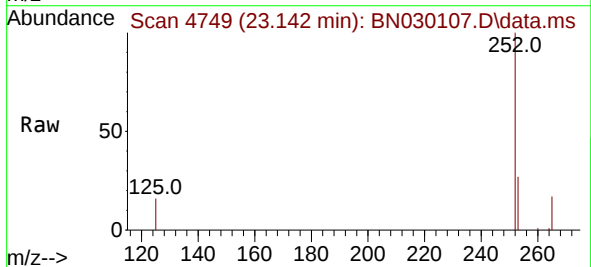
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

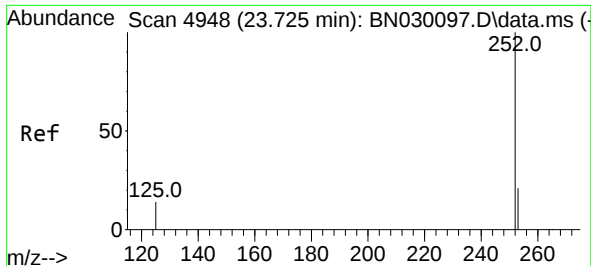
Tgt Ion:252 Resp: 13049
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.8
125 16.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.724 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. -0.012 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:252 Resp: 15442
Ion Ratio Lower Upper
252 100
253 27.0 22.6 33.8
125 16.2 15.3 22.9

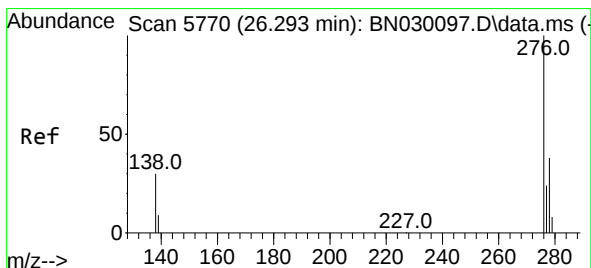
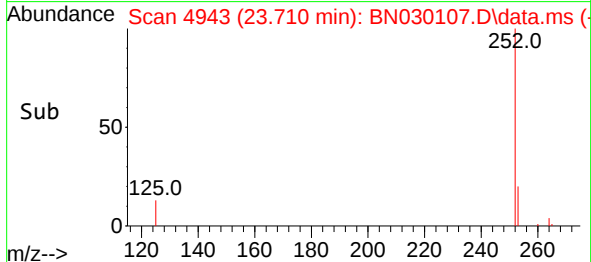
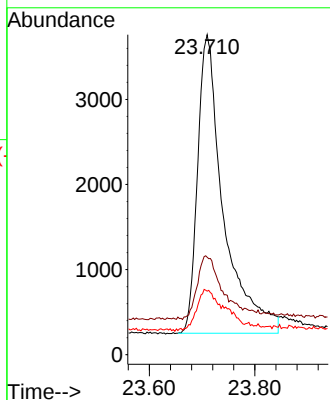
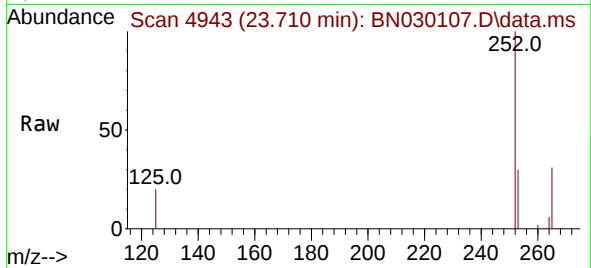




#26
Benzo(a)pyrene
Concen: 0.661 ng/ul
RT: 23.710 min Scan# 4948
Delta R.T. -0.015 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

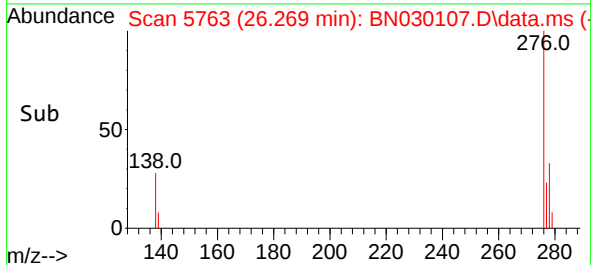
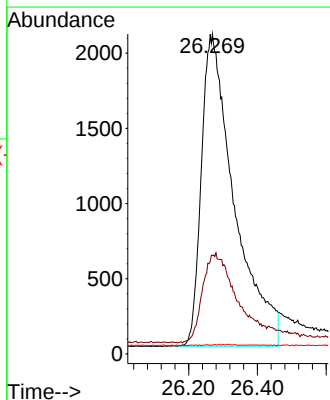
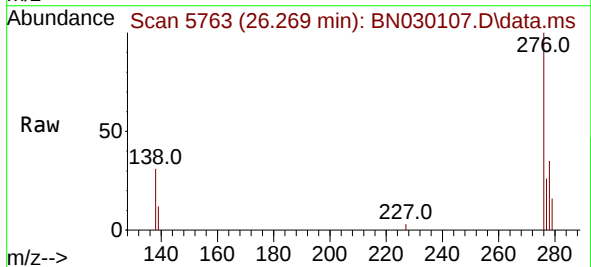
Instrument :
BNA_N
ClientSampleId :
BH3Z5MSD

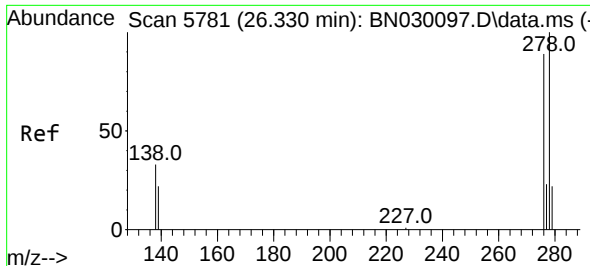
Tgt Ion:252 Resp: 11965
Ion Ratio Lower Upper
252 100
253 30.5 25.4 38.0
125 19.8 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.629 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.024 min
Lab File: BN030107.D
Acq: 28 Feb 2024 00:21

Tgt Ion:276 Resp: 13801
Ion Ratio Lower Upper
276 100
138 31.6 0.0 0.0#
227 0.0 0.0 0.0#

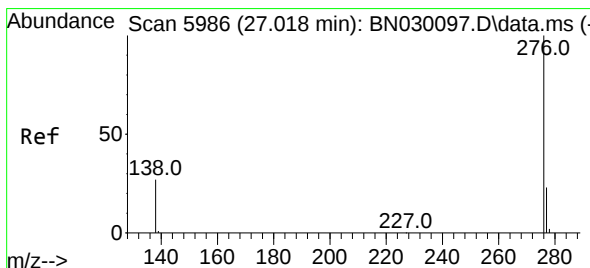
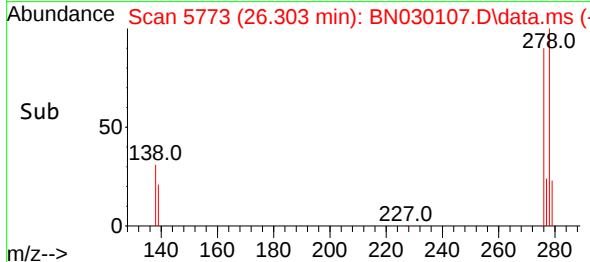
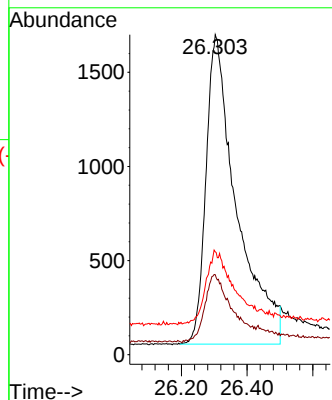
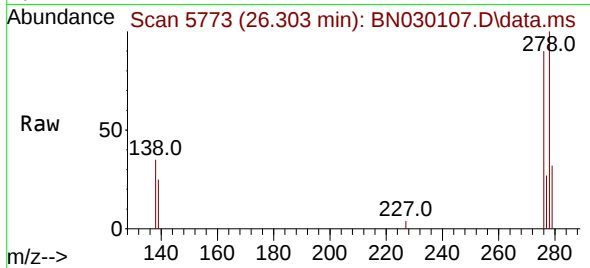




#28
 Dibenzo(a,h)anthracene
 Concen: 0.618 ng/ul
 RT: 26.303 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

Instrument :
 BNA_N
 ClientSampleId :
 BH3Z5MSD

Tgt Ion:278 Resp: 10642
 Ion Ratio Lower Upper
 278 100
 139 25.0 19.0 28.4
 279 32.2 22.6 34.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.648 ng/ul
 RT: 26.994 min Scan# 5979
 Delta R.T. -0.024 min
 Lab File: BN030107.D
 Acq: 28 Feb 2024 00:21

Tgt Ion:276 Resp: 12911
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.6 37.0
 277 25.8 19.7 29.5

