

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030227.D
 Acq On : 03 Mar 2024 20:35
 Operator : MA/JU
 Sample : P1501-03MS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E10A0MS

Quant Time: Mar 03 22:54:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

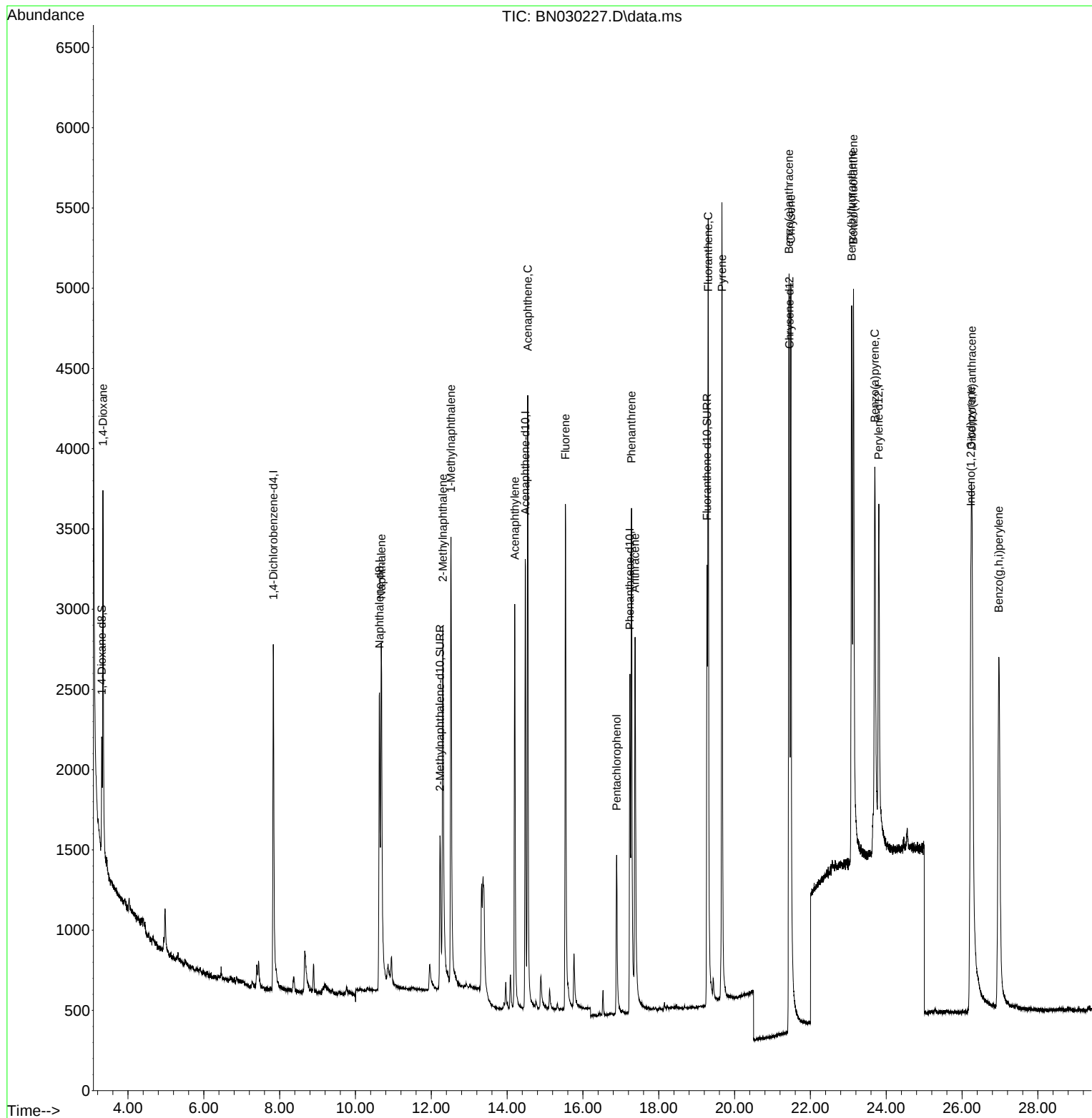
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	3862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	1823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3306	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2907	0.400	ng/ul	# 0.00
23) Perylene-d12	23.803	264	3413	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	584	0.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1894	0.379	ng/ul	-0.01
18) Fluoranthene-d10	19.272	212	3846	0.406	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	1687	0.758	ng/ul	93
5) Naphthalene	10.683	128	4144	0.364	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	2259	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	2388	0.365	ng/ul	99
10) Acenaphthylene	14.201	152	3543	0.348	ng/ul	99
11) Acenaphthene	14.543	153	2615	0.350	ng/ul	97
12) Fluorene	15.538	166	2708	0.355	ng/ul	99
14) Pentachlorophenol	16.888	266	905	0.959	ng/ul	99
15) Phenanthrene	17.281	178	4093	0.369	ng/ul	99
16) Anthracene	17.374	178	3578	0.367	ng/ul	99
19) Fluoranthene	19.305	202	5002	0.387	ng/ul	98
20) Pyrene	19.667	202	5328	0.380	ng/ul	96
21) Benzo(a)anthracene	21.432	228	4320	0.420	ng/ul	100
22) Chrysene	21.485	228	4972	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.090	252	5170	0.393	ng/ul	95
25) Benzo(k)fluoranthene	23.136	252	5723	0.369	ng/ul#	93
26) Benzo(a)pyrene	23.698	252	5147	0.384	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.235	276	6905	0.404	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.259	278	5424	0.410	ng/ul	92
29) Benzo(g,h,i)perylene	26.970	276	6148	0.387	ng/ul	94

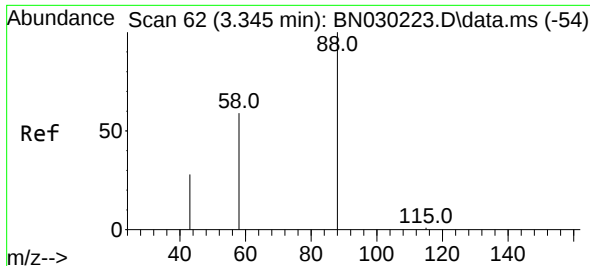
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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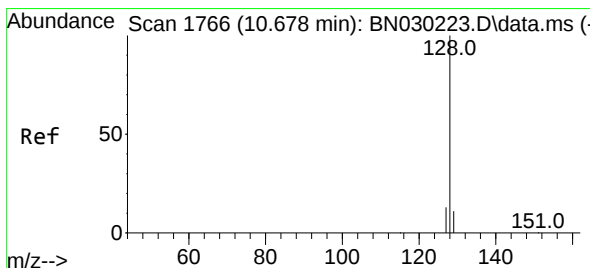
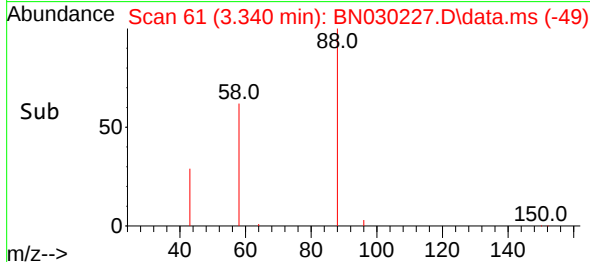
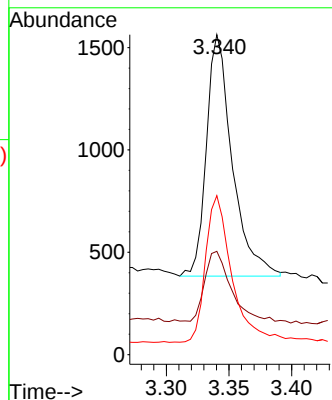
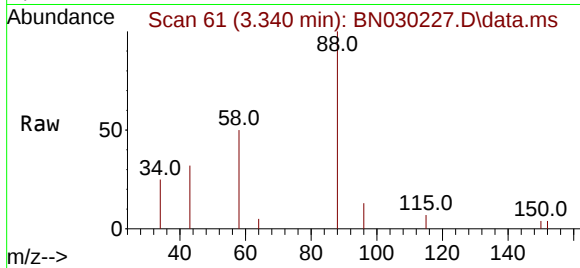




#2
1,4-Dioxane
Concen: 0.758 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

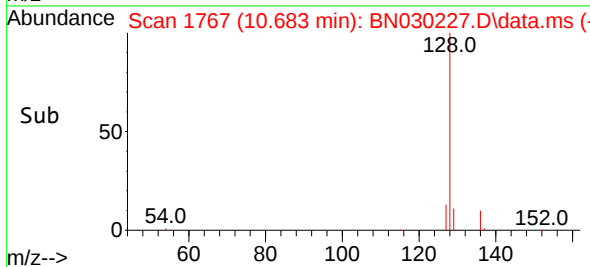
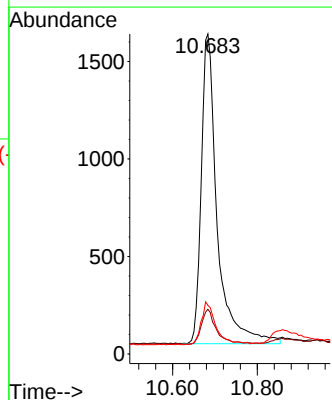
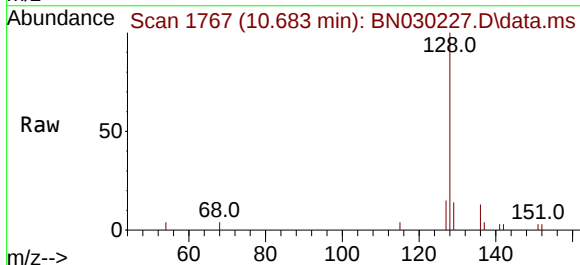
Instrument :
BNA_N
ClientSampleId :
E10A0MS

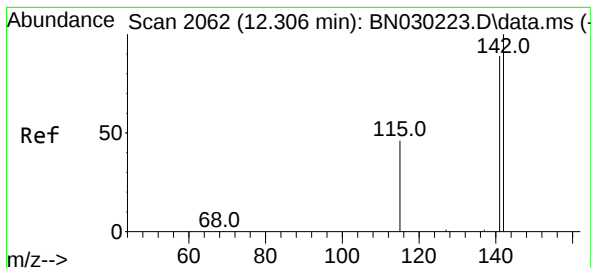
Tgt Ion: 88 Resp: 1687
Ion Ratio Lower Upper
88 100
43 32.3 25.7 38.5
58 49.7 33.8 50.8



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion: 128 Resp: 4144
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 15.2 12.3 18.5

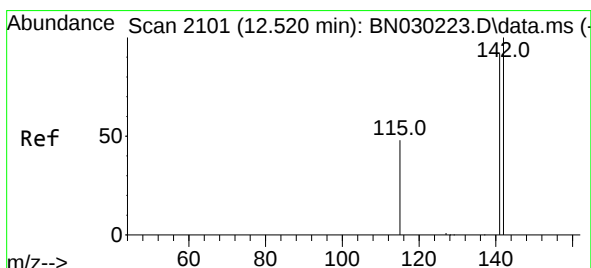
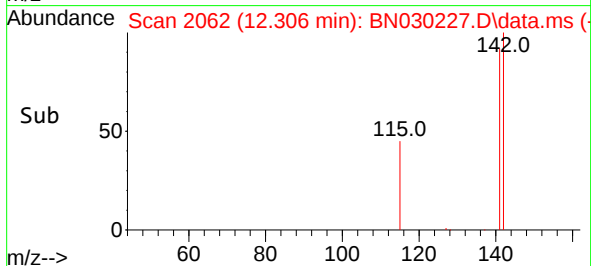
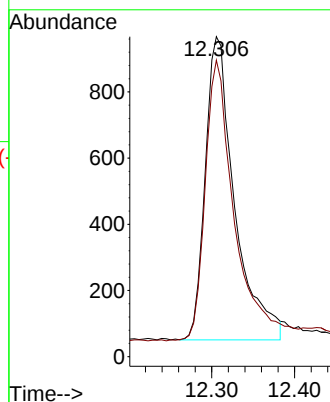
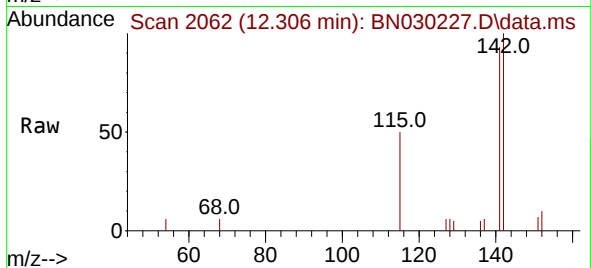




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

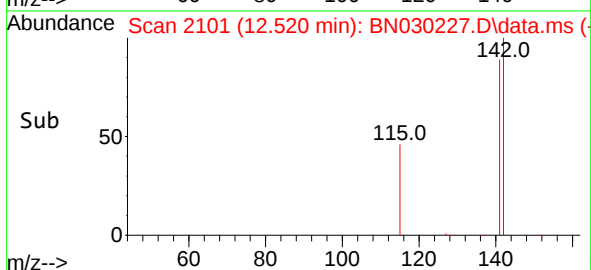
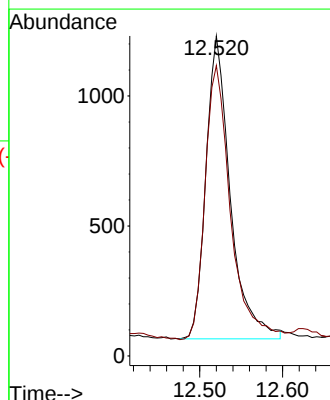
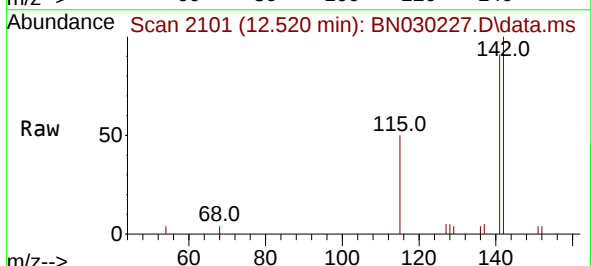
Instrument :
BNA_N
ClientSampleId :
E10A0MS

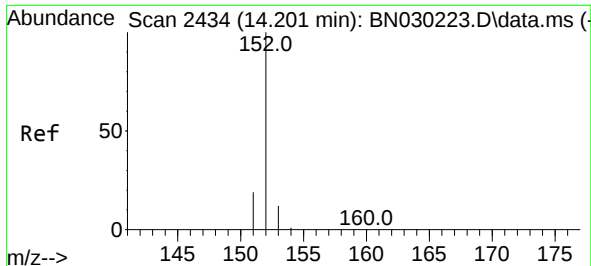
Tgt Ion:142 Resp: 2259
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:142 Resp: 2388
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.2

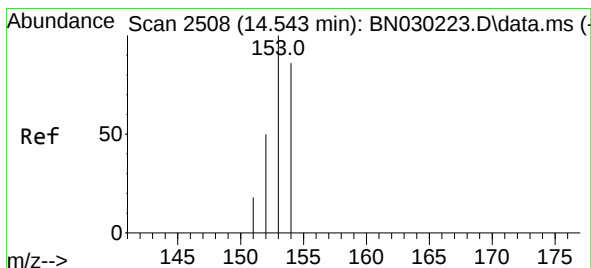
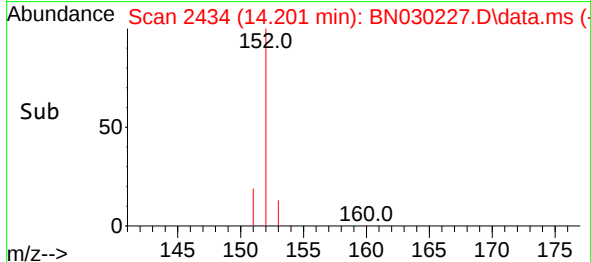
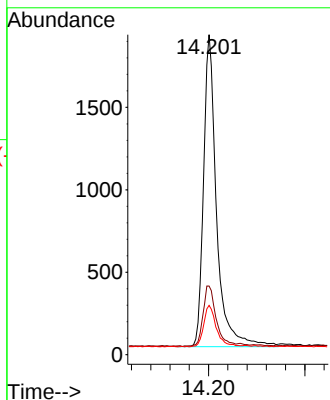
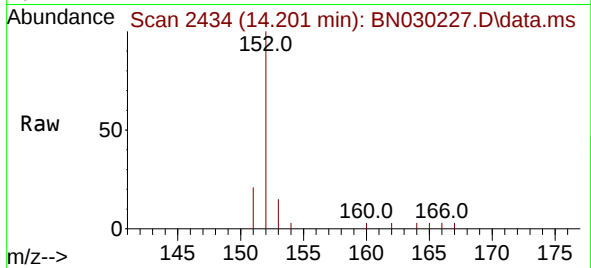




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

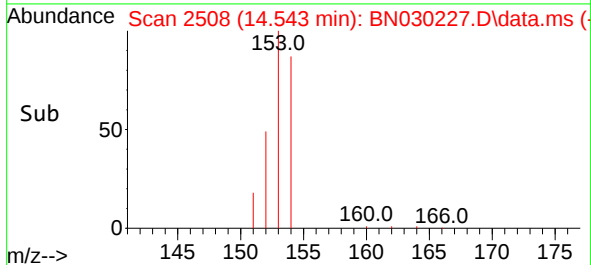
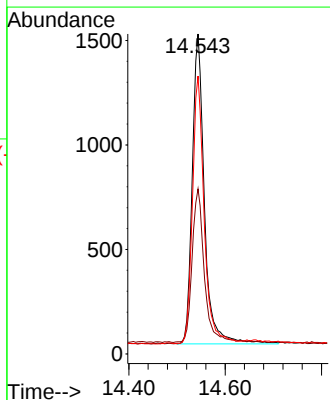
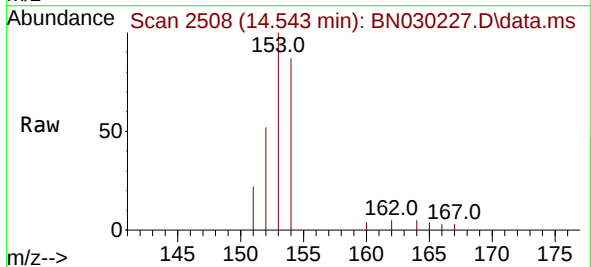
Instrument :
BNA_N
ClientSampleId :
E10A0MS

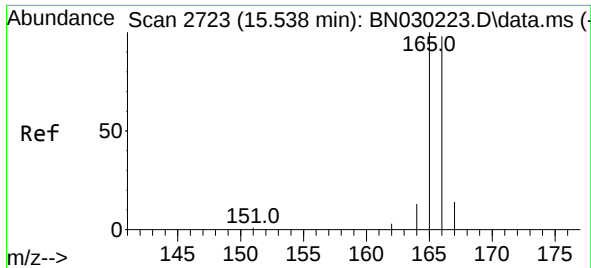
Tgt Ion:	152	Resp:	3543
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	15.4	11.8	17.6



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:	153	Resp:	2615
Ion	Ratio	Lower	Upper
153	100		
152	51.6	43.2	64.8
154	86.9	67.5	101.3

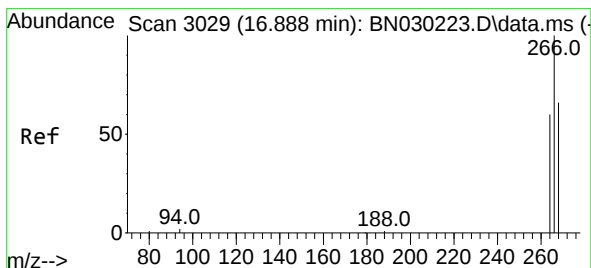
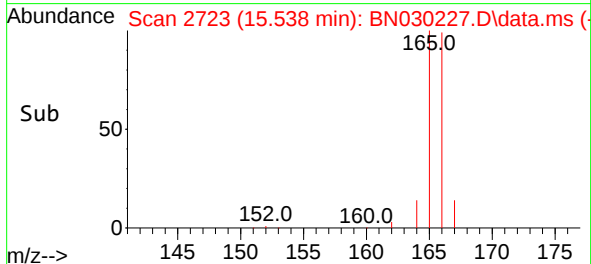
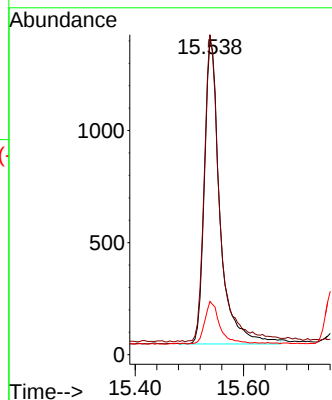
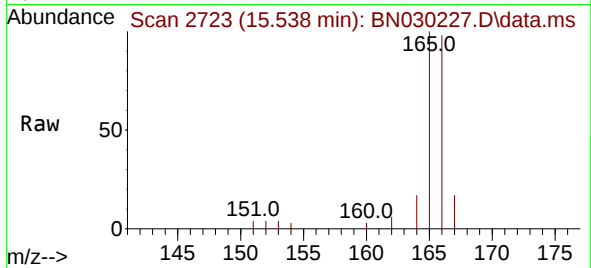




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

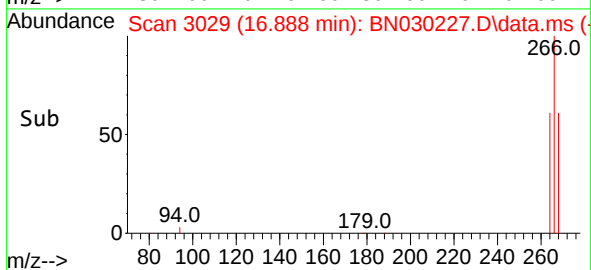
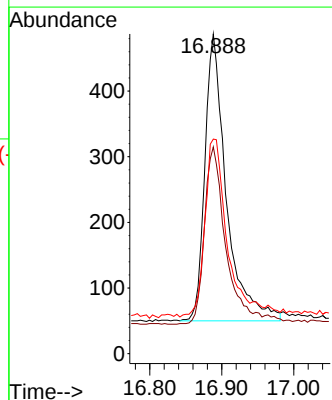
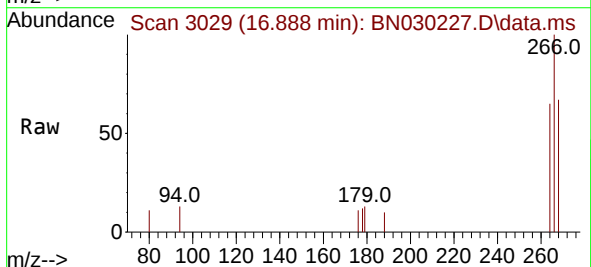
Instrument :
BNA_N
ClientSampleId :
E10A0MS

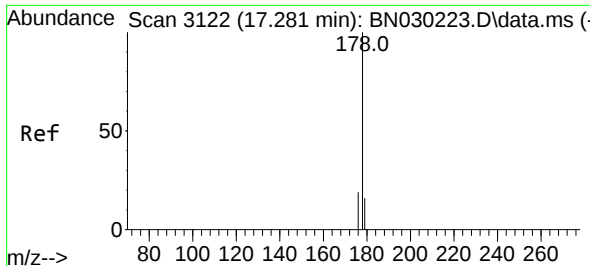
Tgt Ion:166 Resp: 2708
Ion Ratio Lower Upper
166 100
165 101.7 81.8 122.6
167 17.0 13.0 19.4



#14
Pentachlorophenol
Concen: 0.959 ng/ul
RT: 16.888 min Scan# 3029
Delta R.T. -0.018 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:266 Resp: 905
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 65.9 53.4 80.2

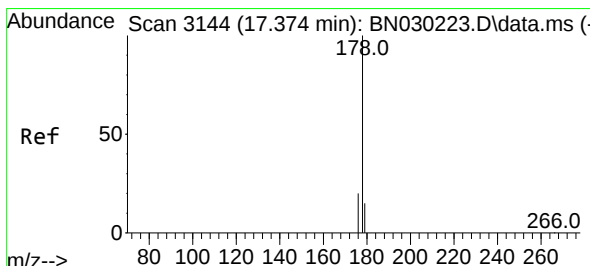
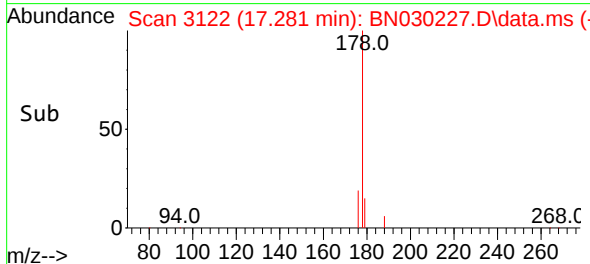
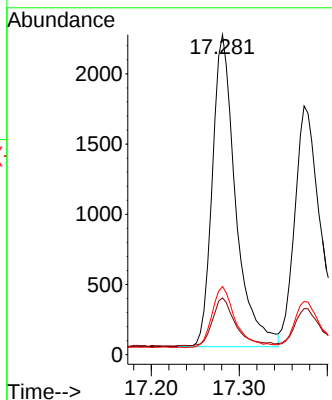
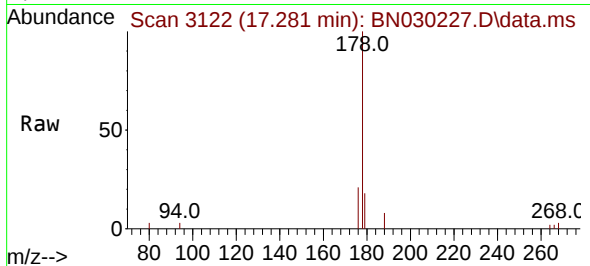




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

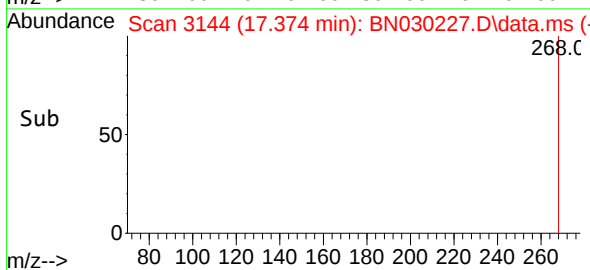
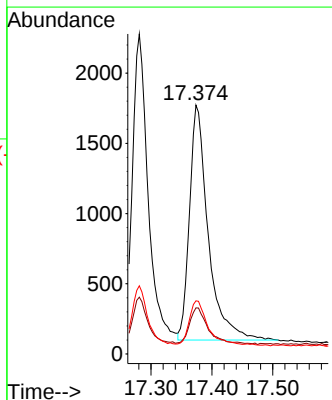
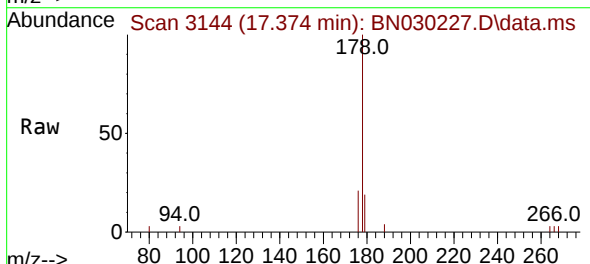
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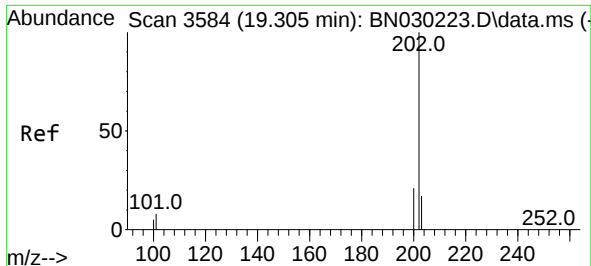
Tgt Ion:	178	Resp:	4093
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.8	20.8
176	21.3	16.6	25.0



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.374 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:	178	Resp:	3578
Ion Ratio	Lower	Upper	
178	100		
179	18.6	14.8	22.2
176	21.4	17.8	26.6

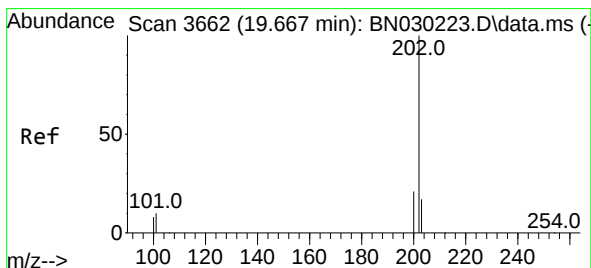
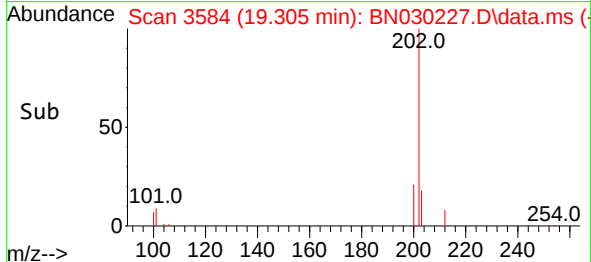
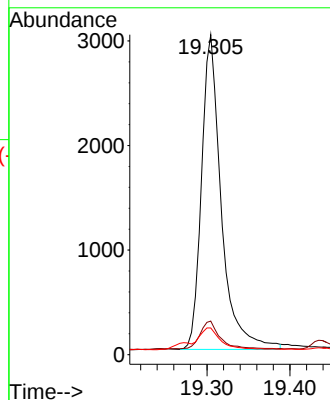
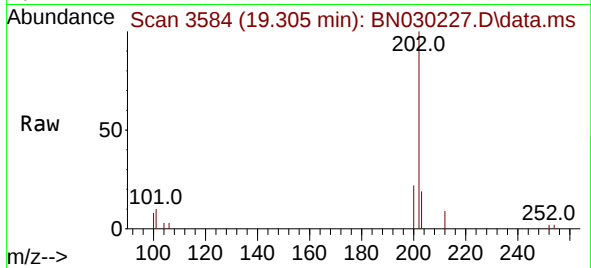




#19
Fluoranthene
Concen: 0.387 ng/u1
RT: 19.305 min Scan# 3584
Delta R.T. -0.010 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

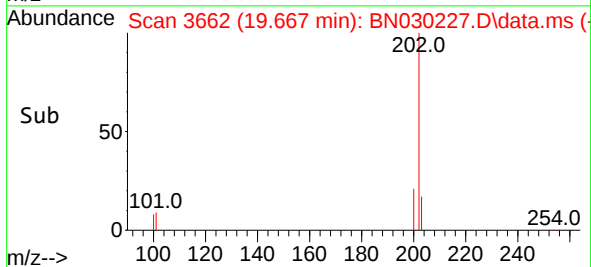
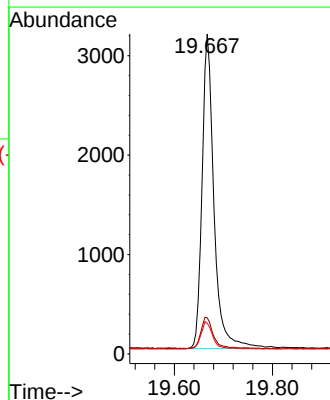
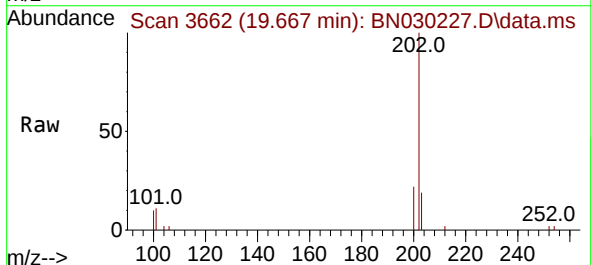
Instrument :
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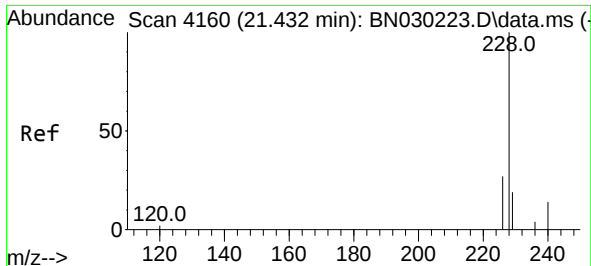
Tgt Ion:202 Resp: 5002
Ion Ratio Lower Upper
202 100
101 10.5 8.8 13.2
100 8.3 7.4 11.2



#20
Pyrene
Concen: 0.380 ng/u1
RT: 19.667 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

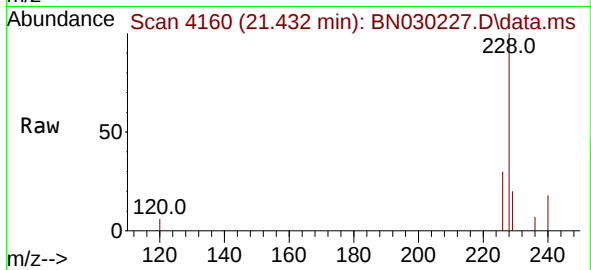
Tgt Ion:202 Resp: 5328
Ion Ratio Lower Upper
202 100
101 11.3 10.6 15.8
100 9.6 8.8 13.2



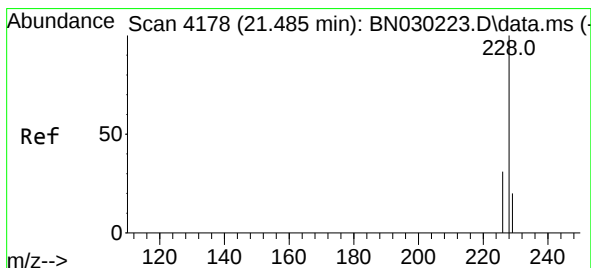
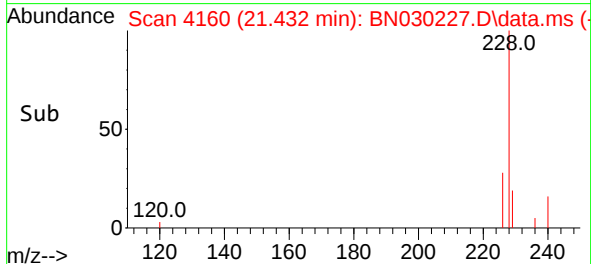
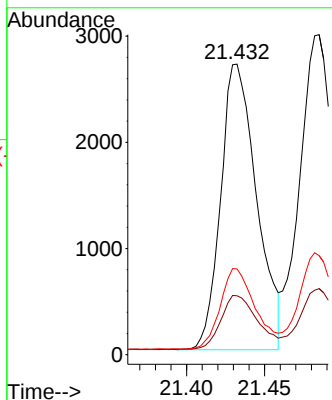


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.432 min Scan# 4160
Delta R.T. -0.007 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Instrument :
BNA_N
ClientSampleId :
E10A0MS

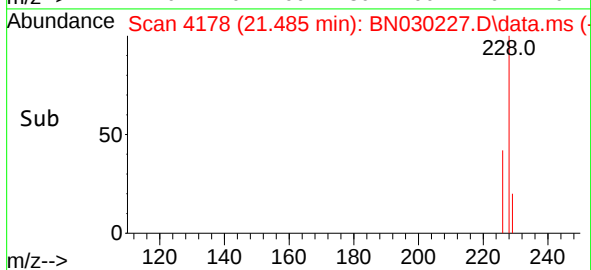
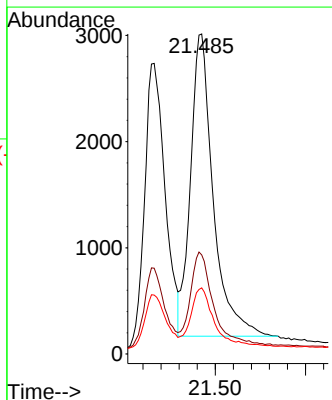
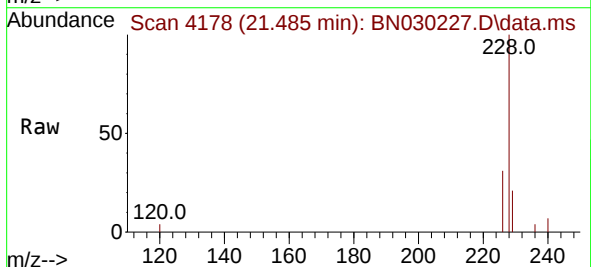


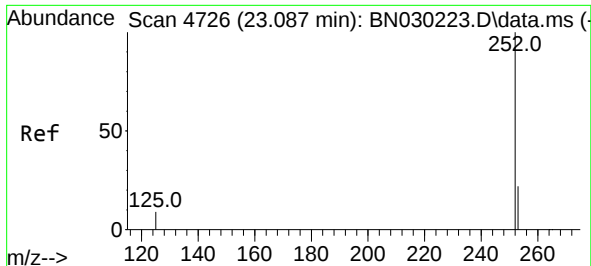
Tgt Ion:228 Resp: 4320
Ion Ratio Lower Upper
228 100
229 20.3 16.6 24.8
226 29.5 23.7 35.5



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:228 Resp: 4972
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 20.7 16.6 24.8

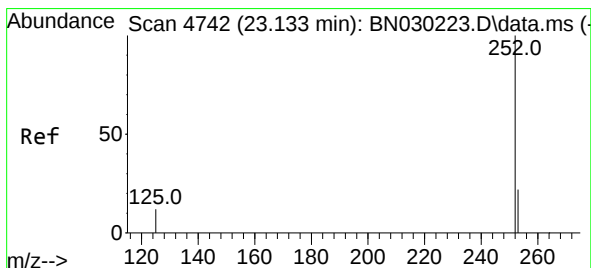
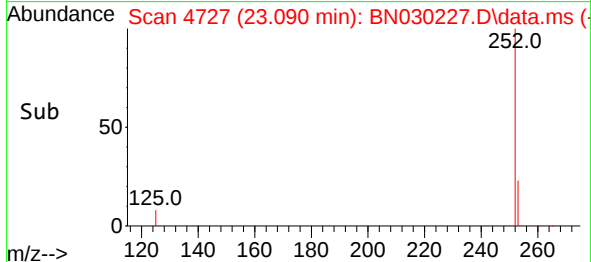
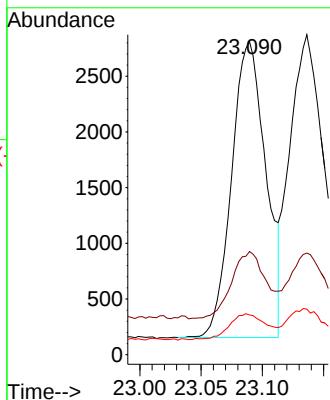
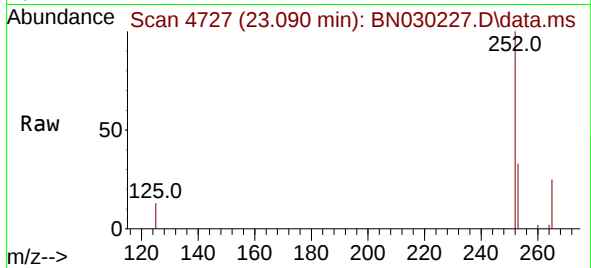




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.090 min Scan# 4727
Delta R.T. -0.007 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

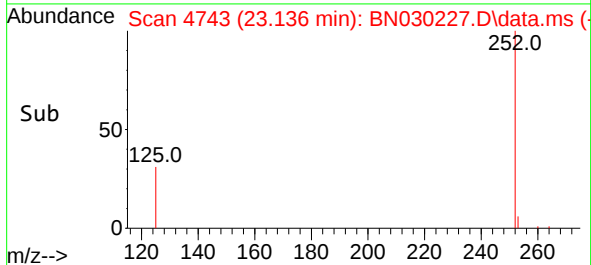
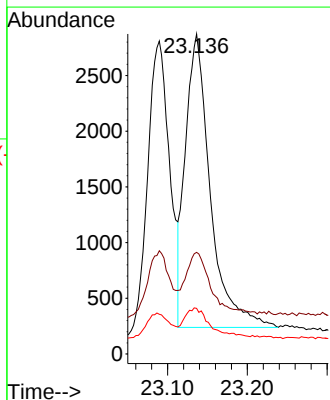
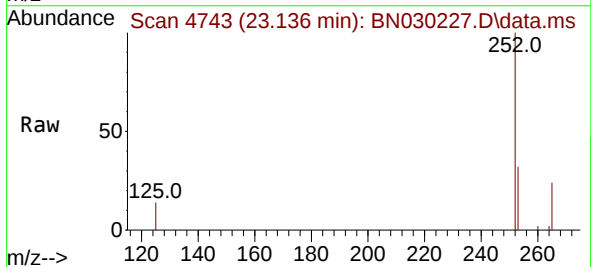
Instrument :
BNA_N
ClientSampleId :
E10A0MS

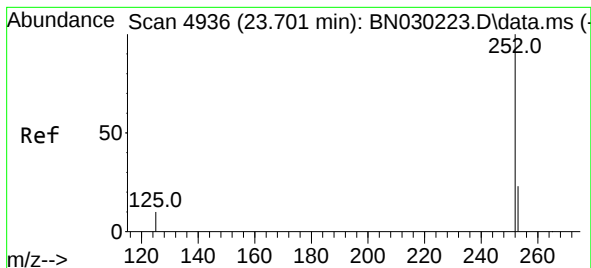
Tgt Ion:252 Resp: 5170
Ion Ratio Lower Upper
252 100
253 33.0 0.0 69.4
125 12.7 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.136 min Scan# 4743
Delta R.T. -0.007 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:252 Resp: 5723
Ion Ratio Lower Upper
252 100
253 31.8 28.0 42.0
125 14.2 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.698 min Scan# 4935

Delta R.T. -0.012 min

Lab File: BN030227.D

Acq: 03 Mar 2024 20:35

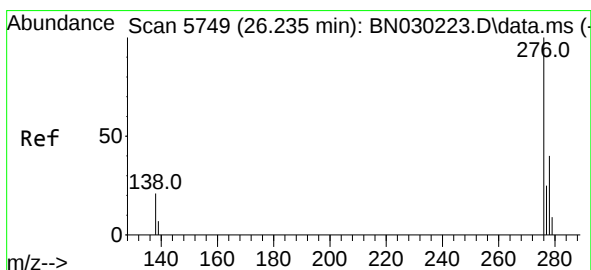
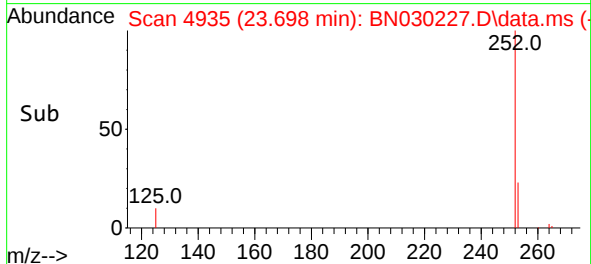
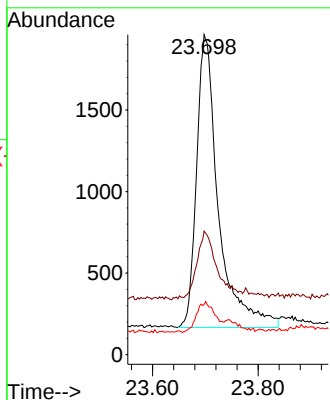
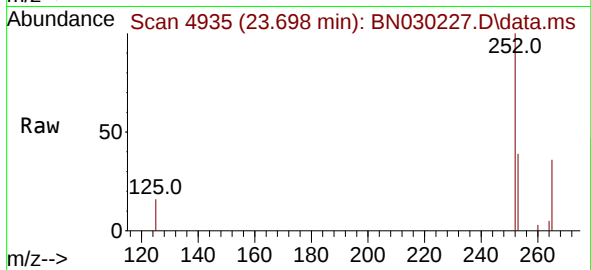
Instrument :

BNA_N

ClientSampleId :

E10A0MS

Tgt Ion:	252	Resp:	5147
Ion	Ratio	Lower	Upper
252	100		
253	38.6	33.0	49.4
125	15.6	16.9	25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng/ul

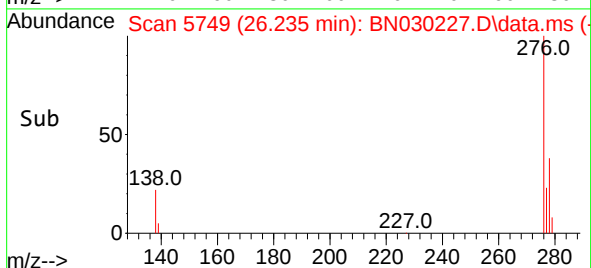
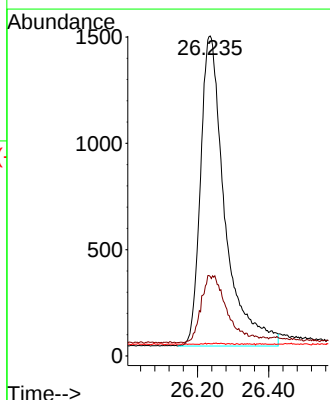
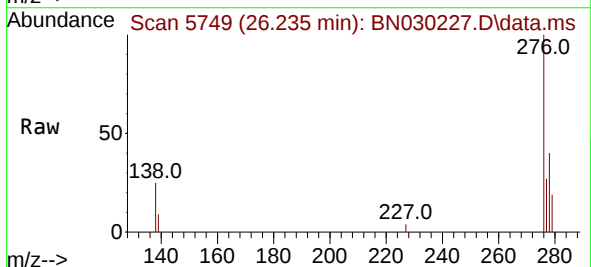
RT: 26.235 min Scan# 5749

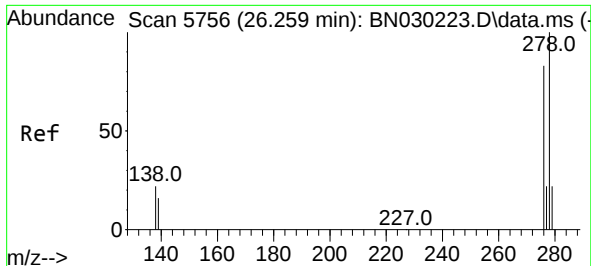
Delta R.T. -0.014 min

Lab File: BN030227.D

Acq: 03 Mar 2024 20:35

Tgt Ion:	276	Resp:	6905
Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.9	31.3
227	0.1	0.1	0.1#

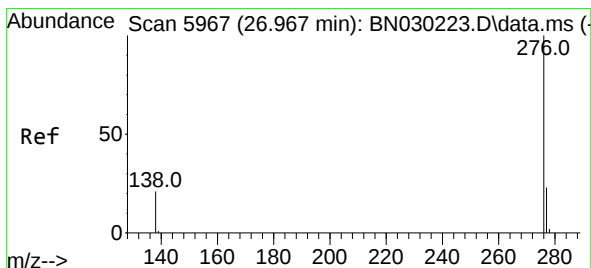
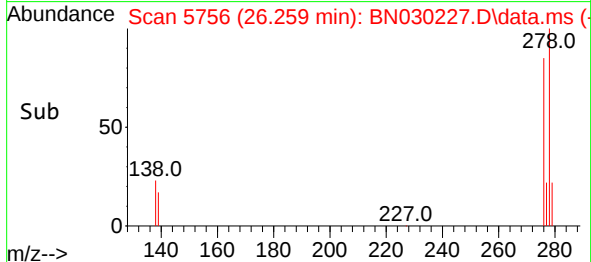
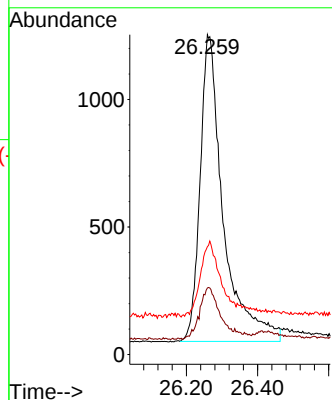
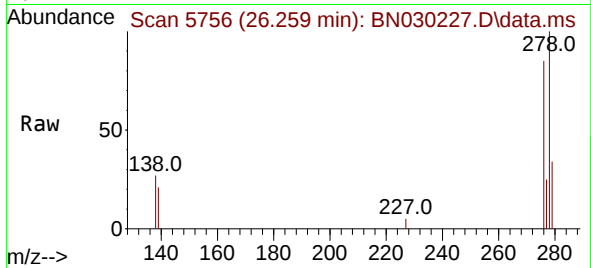




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.259 min Scan# 5756
Delta R.T. -0.028 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Instrument :
BNA_N
ClientSampleId :
E10A0MS

Tgt Ion:	278	Resp:	5424
Ion Ratio	Lower	Upper	
278	100		
139	20.8	18.9	28.3
279	33.7	31.8	47.6



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.970 min Scan# 5968
Delta R.T. -0.014 min
Lab File: BN030227.D
Acq: 03 Mar 2024 20:35

Tgt Ion:	276	Resp:	6148
Ion Ratio	Lower	Upper	
276	100		
138	23.2	22.6	33.8
277	26.5	21.9	32.9

