

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030131.D
 Acq On : 28 Feb 2024 15:25
 Operator : MA/JU
 Sample : PB159157BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS157

Quant Time: Feb 28 15:58:24 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)

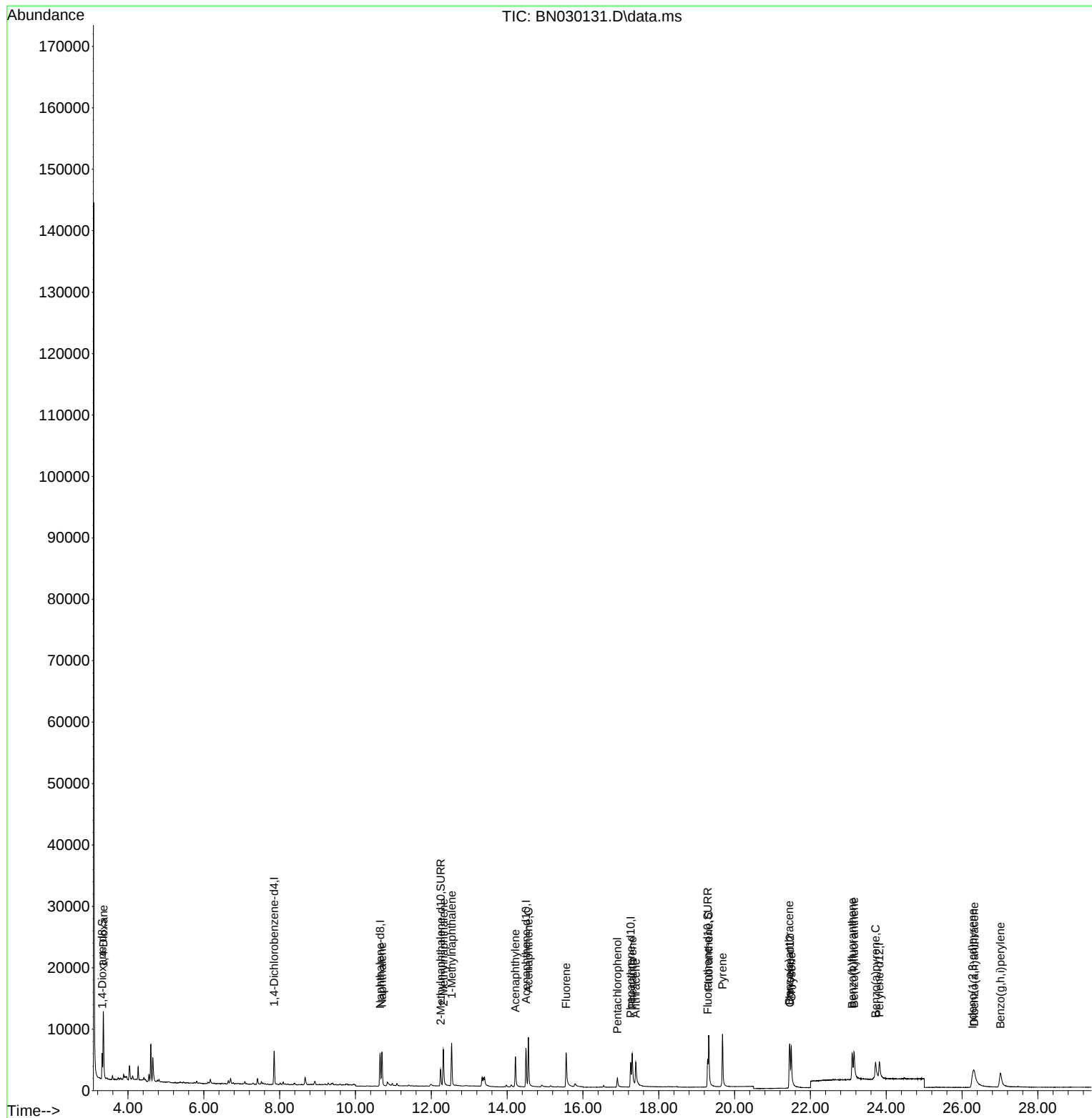
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	2867	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	8157	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	3968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	6825	0.400	ng/ul	0.00
17) Chrysene-d12	21.461	240	4912	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	4666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2776	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	3993	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	6681	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	7536	1.936	ng/ul#	86
5) Naphthalene	10.700	128	8150	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	4771	0.362	ng/ul	99
8) 1-Methylnaphthalene	12.537	142	5034	0.376	ng/ul	99
10) Acenaphthylene	14.220	152	6996	0.361	ng/ul	98
11) Acenaphthene	14.562	153	5412	0.368	ng/ul	98
12) Fluorene	15.557	166	5423	0.352	ng/ul	96
14) Pentachlorophenol	16.909	266	1403	0.922	ng/ul#	50
15) Phenanthrene	17.302	178	7687	0.361	ng/ul	96
16) Anthracene	17.394	178	6757	0.377	ng/ul	97
19) Fluoranthene	19.318	202	8878	0.393	ng/ul	97
20) Pyrene	19.680	202	9478	0.410	ng/ul	94
21) Benzo(a)anthracene	21.444	228	6374	0.360	ng/ul	98
22) Chrysene	21.496	228	7543	0.389	ng/ul	97
24) Benzo(b)fluoranthene	23.101	252	6910	0.394	ng/ul	95
25) Benzo(k)fluoranthene	23.150	252	8025	0.412	ng/ul	93
26) Benzo(a)pyrene	23.718	252	6633	0.402	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.279	276	8156	0.407	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.322	278	6348	0.404	ng/ul#	87
29) Benzo(g,h,i)perylene	27.010	276	7435	0.409	ng/ul	93

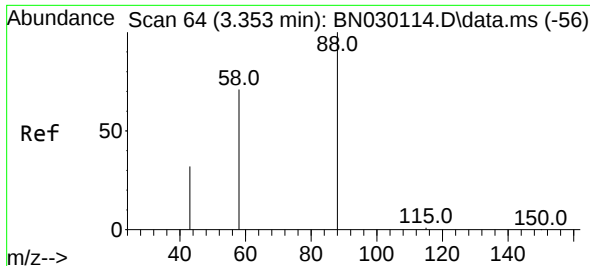
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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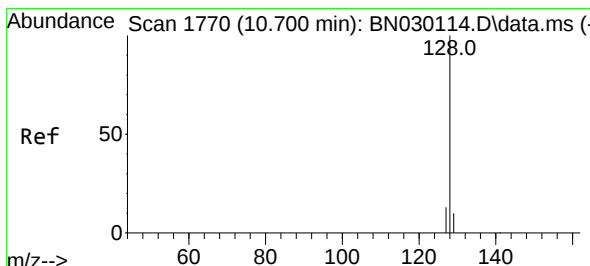
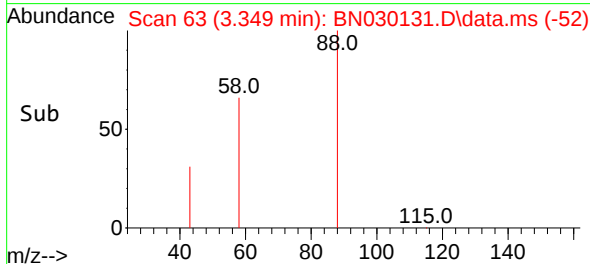
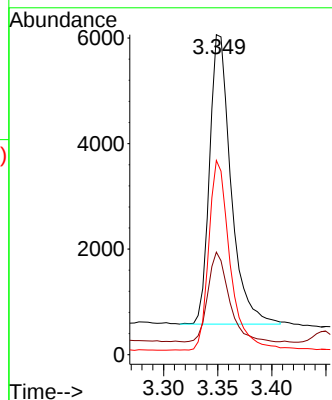
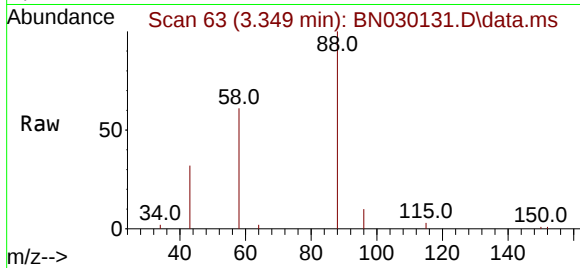




#2
1,4-Dioxane
Concen: 1.936 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

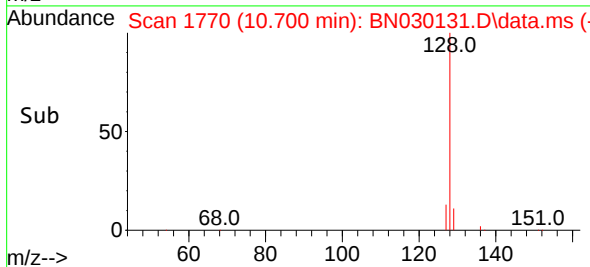
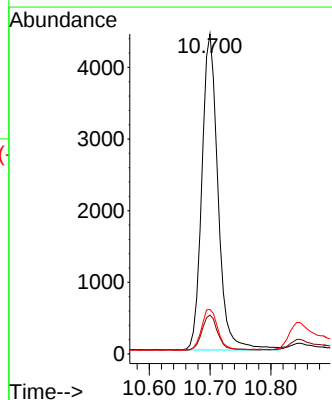
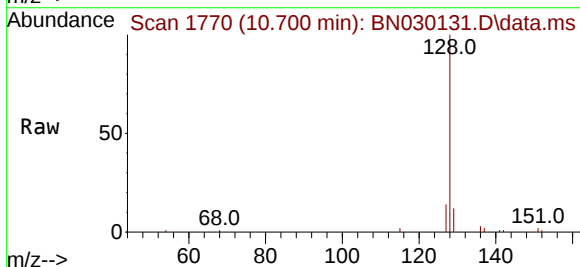
Instrument :
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ClientSampleId :
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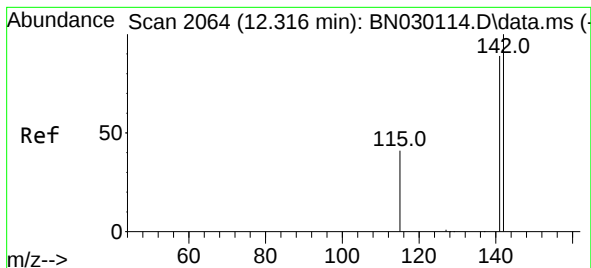
Tgt Ion: 88 Resp: 7536
Ion Ratio Lower Upper
88 100
43 32.0 21.8 32.6
58 60.7 39.3 58.9#



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.700 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion: 128 Resp: 8150
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.9 11.0 16.6

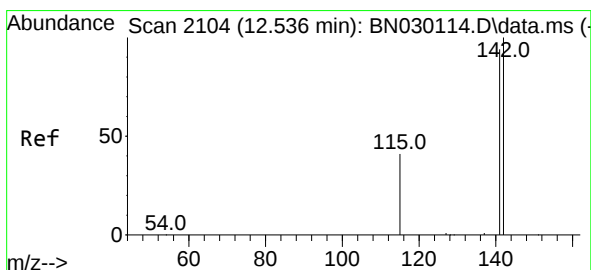
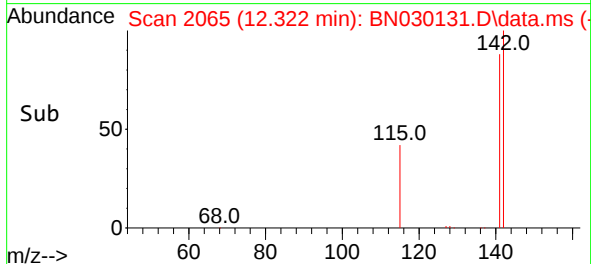
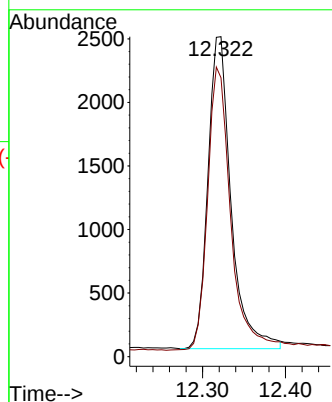
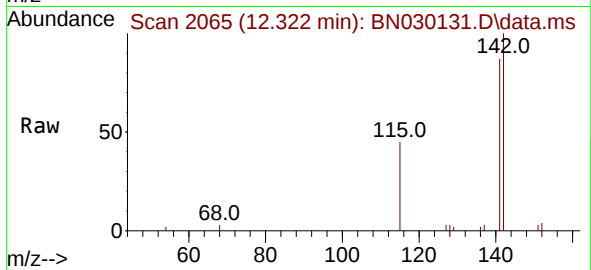




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

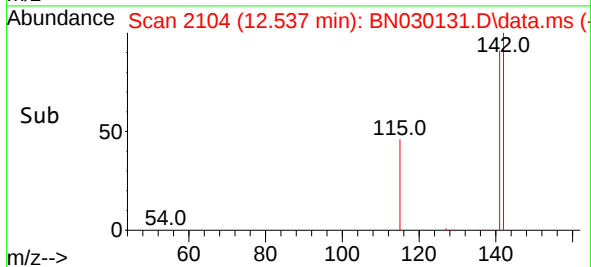
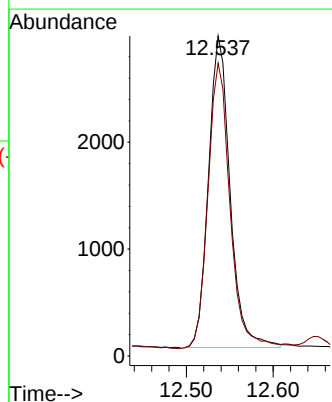
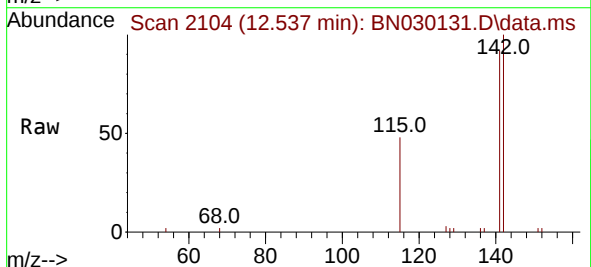
Instrument :
BNA_N
ClientSampleId :
SLCS157

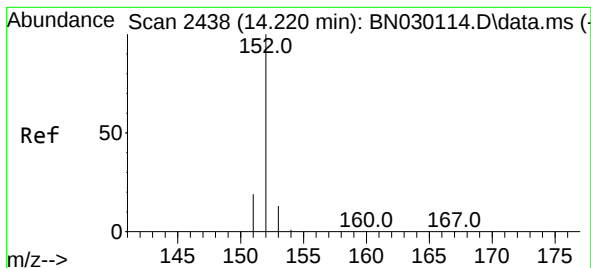
Tgt Ion:142 Resp: 4771
Ion Ratio Lower Upper
142 100
141 90.3 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.537 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:142 Resp: 5034
Ion Ratio Lower Upper
142 100
141 93.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.361 ng/ul

RT: 14.220 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BN030131.D

Acq: 28 Feb 2024 15:25

Instrument :

BNA_N

ClientSampleId :

SLCS157

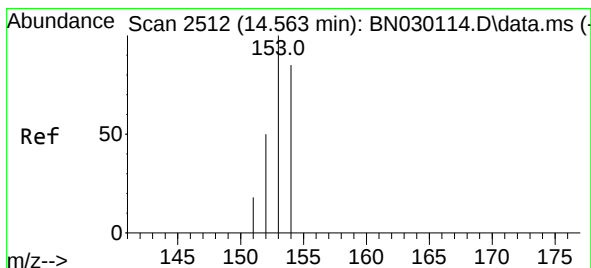
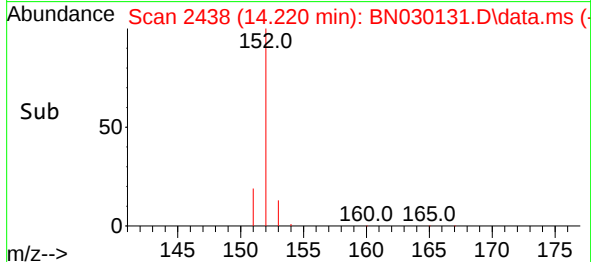
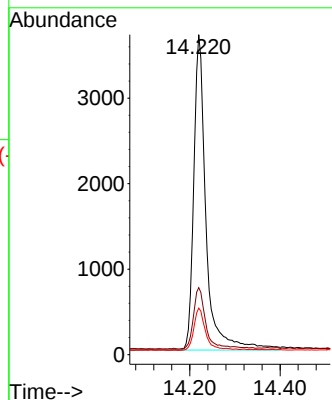
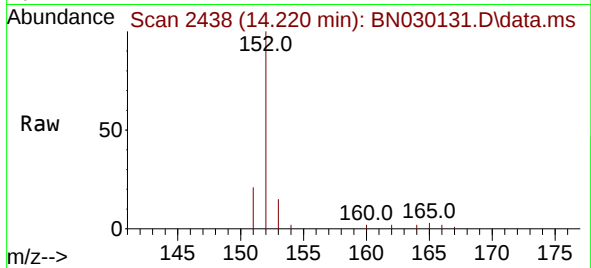
Tgt Ion:152 Resp: 6996

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

153 14.6 10.9 16.3



#11

Acenaphthene

Concen: 0.368 ng/ul

RT: 14.562 min Scan# 2512

Delta R.T. 0.000 min

Lab File: BN030131.D

Acq: 28 Feb 2024 15:25

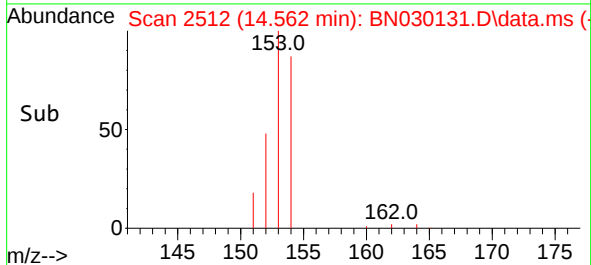
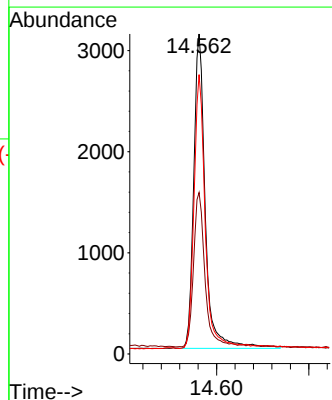
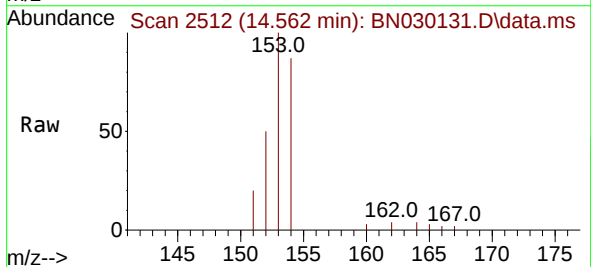
Tgt Ion:153 Resp: 5412

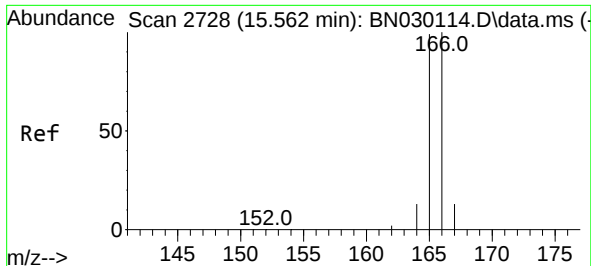
Ion Ratio Lower Upper

153 100

152 50.5 41.5 62.3

154 87.3 70.9 106.3

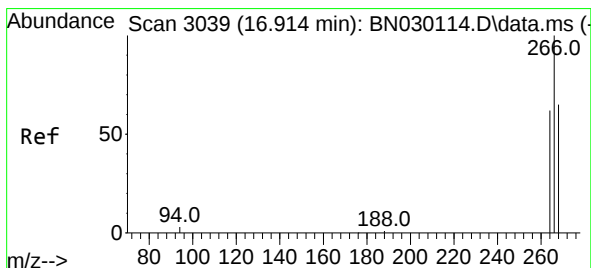
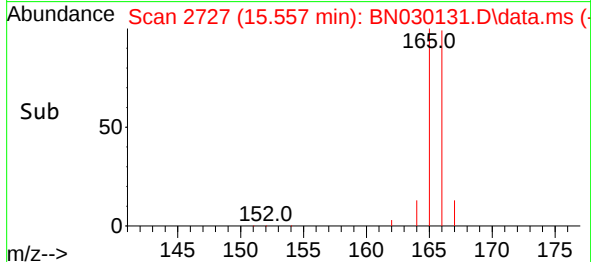
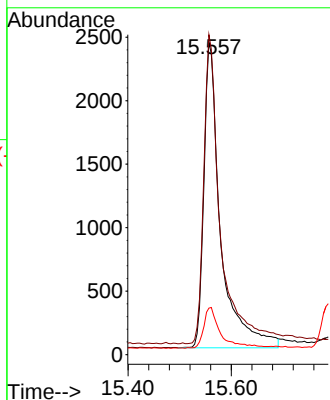
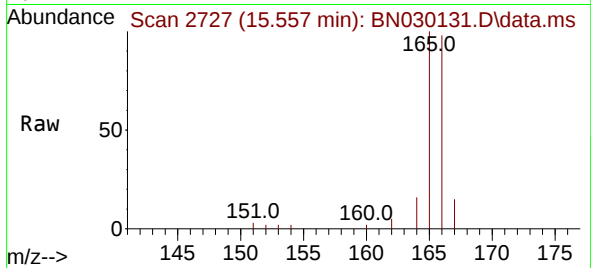




#12
 Fluorene
 Concen: 0.352 ng/ul
 RT: 15.557 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN030131.D
 Acq: 28 Feb 2024 15:25

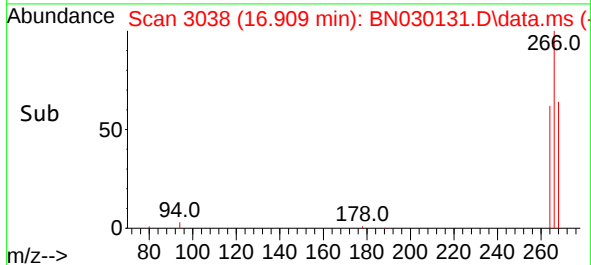
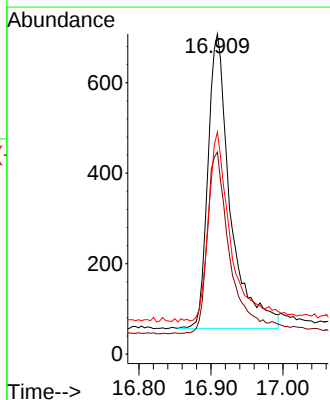
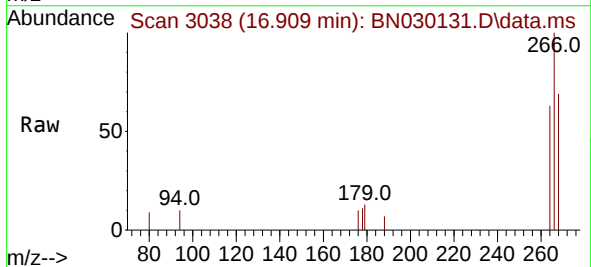
Instrument :
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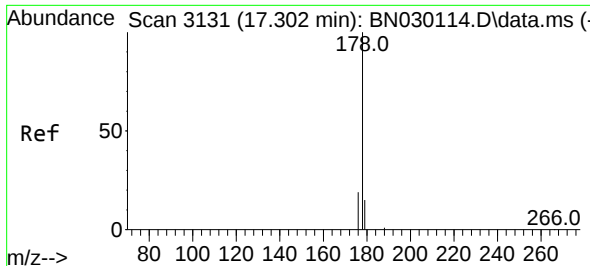
Tgt Ion:166 Resp: 5423
 Ion Ratio Lower Upper
 166 100
 165 102.4 78.6 117.8
 167 14.9 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.922 ng/ul
 RT: 16.909 min Scan# 3038
 Delta R.T. -0.008 min
 Lab File: BN030131.D
 Acq: 28 Feb 2024 15:25

Tgt Ion:266 Resp: 1403
 Ion Ratio Lower Upper
 266 100
 264 62.9 0.0 0.0#
 268 63.9 0.2 0.2#

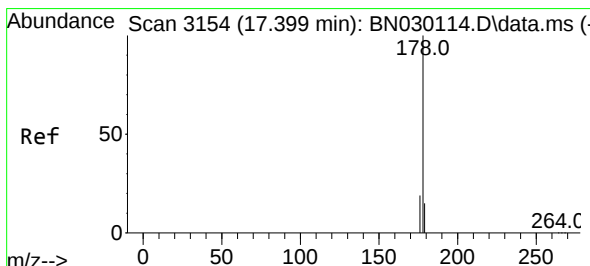
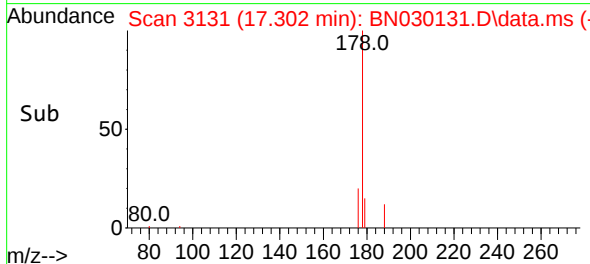
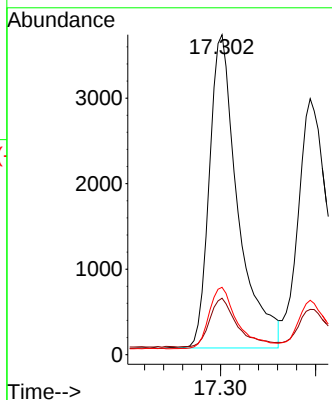
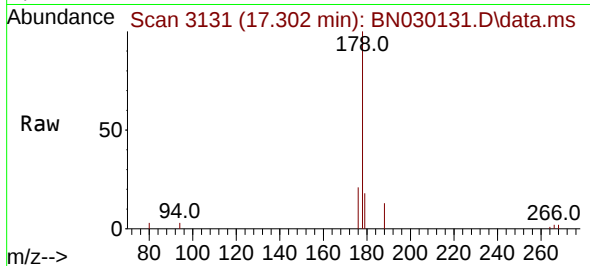




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.302 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

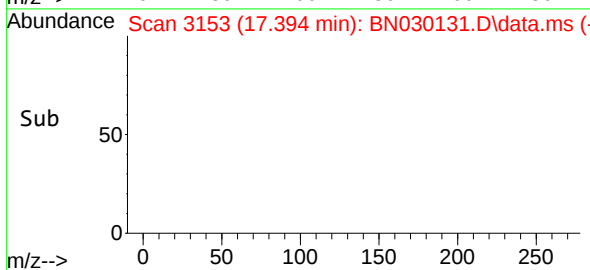
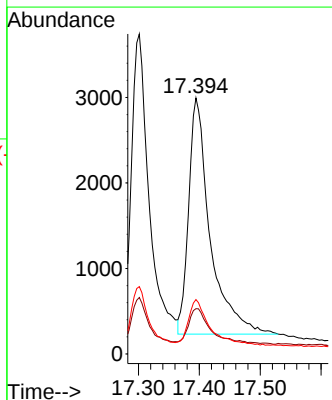
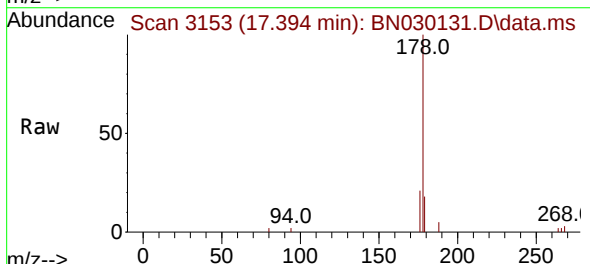
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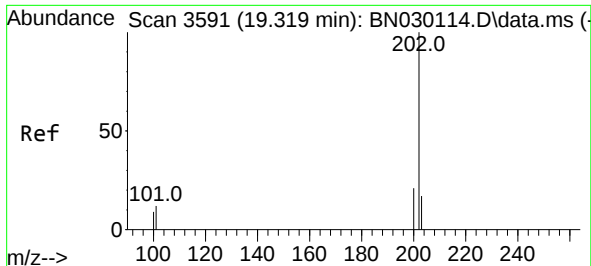
Tgt Ion:	178	Resp:	7687
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	18.8
176	21.1	15.7	23.5



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:	178	Resp:	6757
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.9	19.3
176	21.2	15.8	23.8

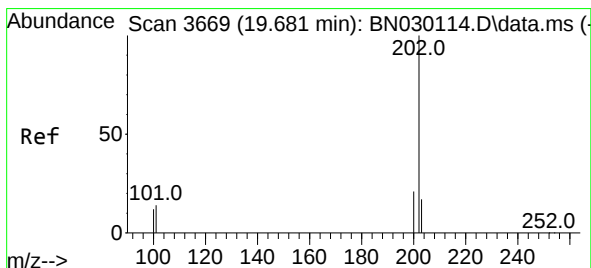
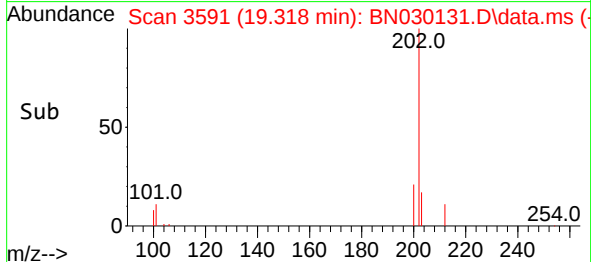
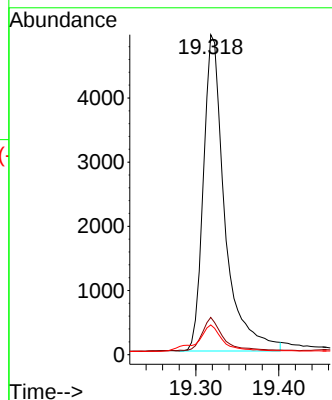
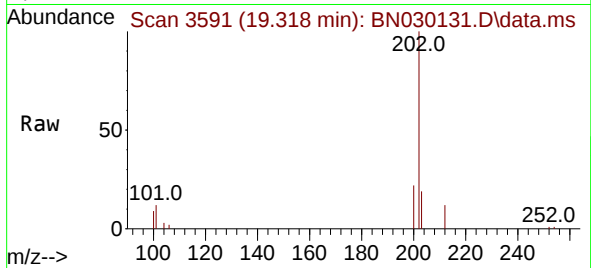




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

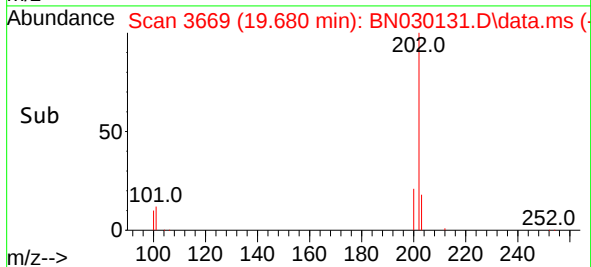
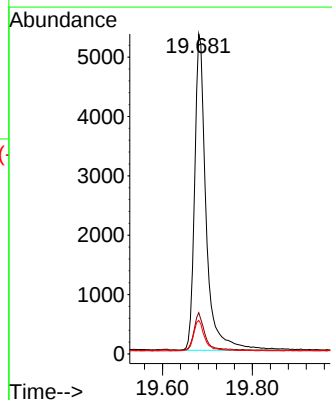
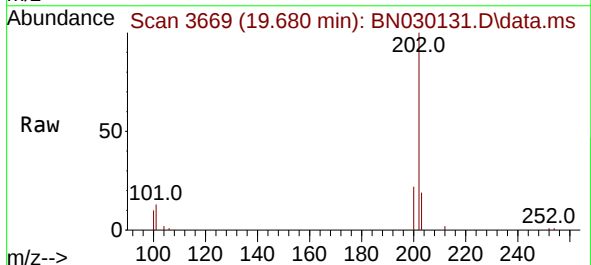
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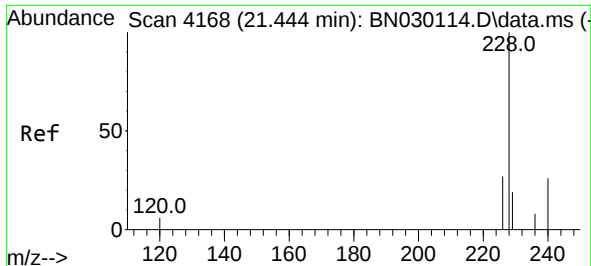
Tgt Ion:	202	Resp:	8878
Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.4	15.6
100	9.3	8.5	12.7



#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:	202	Resp:	9478
Ion	Ratio	Lower	Upper
202	100		
101	12.9	12.5	18.7
100	10.5	10.0	15.0

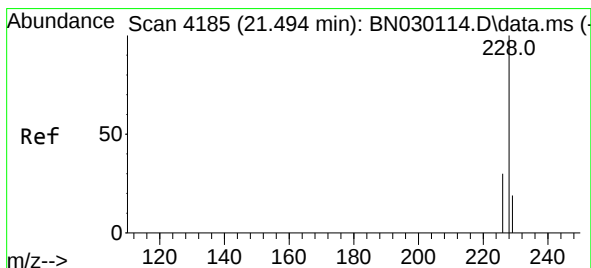
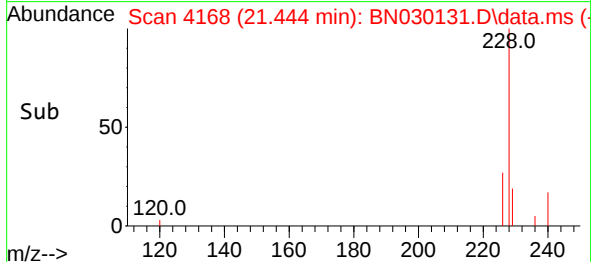
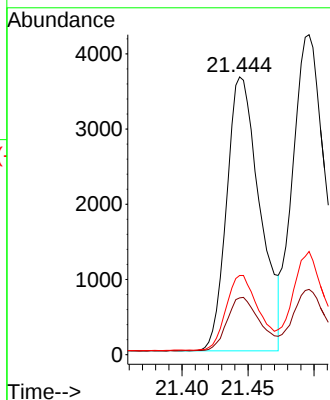
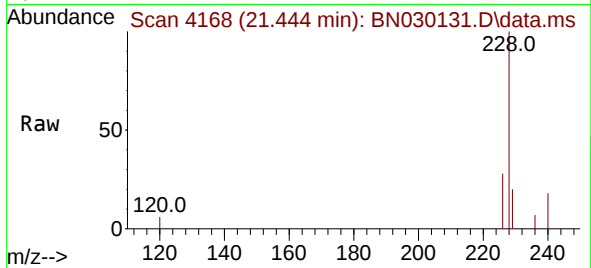




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.444 min Scan# 4168
Delta R.T. -0.007 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

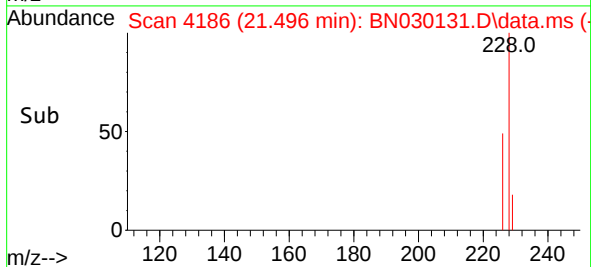
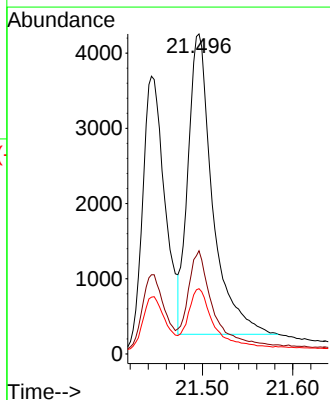
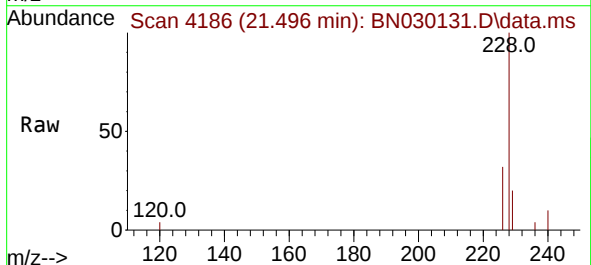
Instrument :
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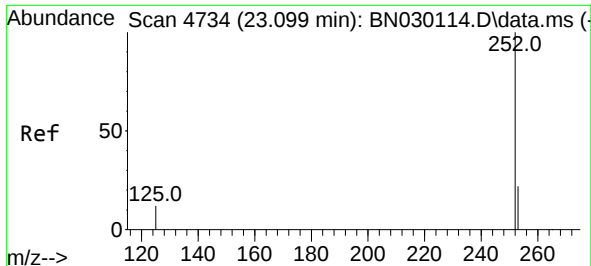
Tgt Ion:228 Resp: 6374
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.5 22.2 33.4



#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.496 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:228 Resp: 7543
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.2
229 20.4 15.7 23.5

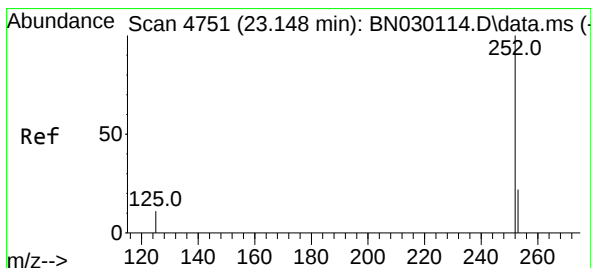
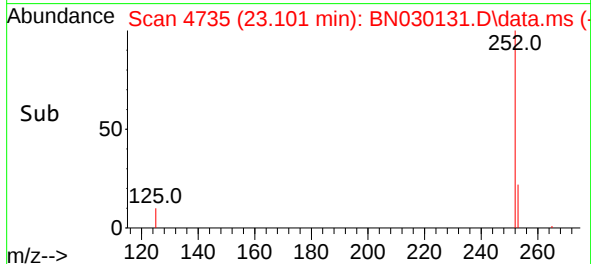
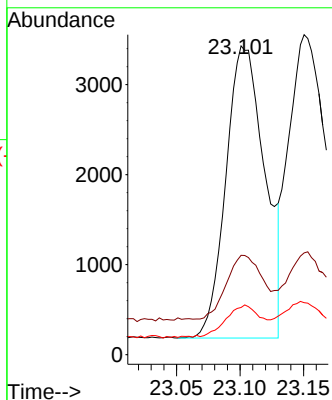
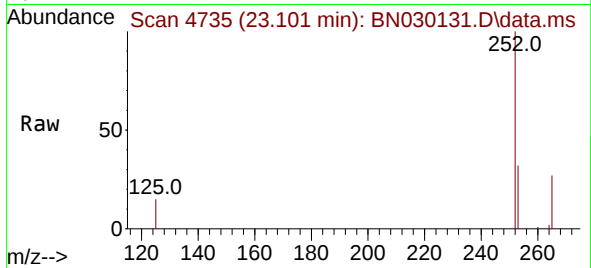




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.007 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

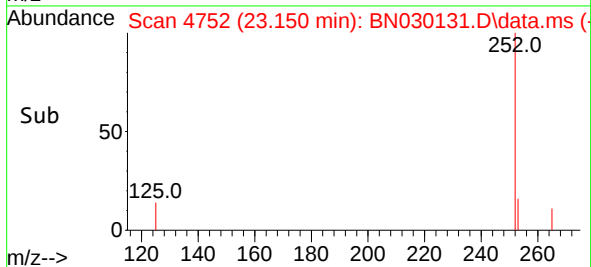
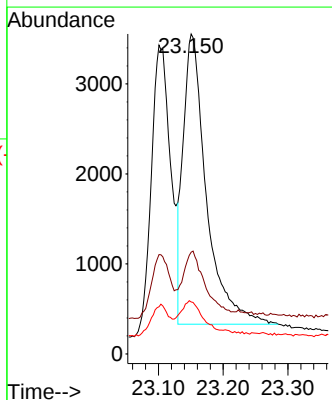
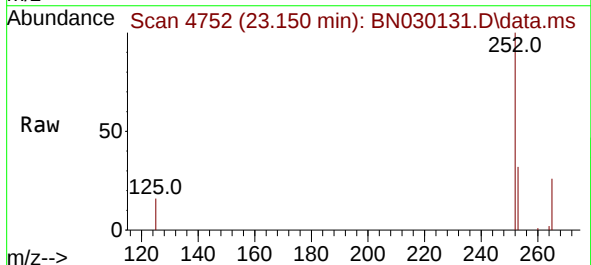
Instrument :
BNA_N
ClientSampleId :
SLCS157

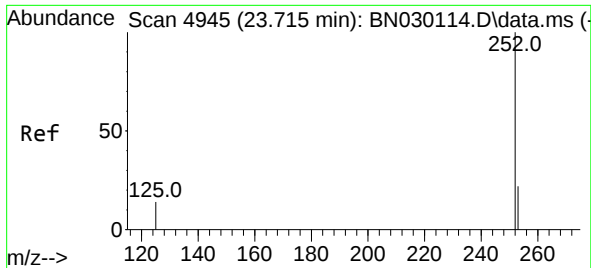
Tgt Ion:252 Resp: 6910
Ion Ratio Lower Upper
252 100
253 32.2 0.0 56.8
125 15.3 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. -0.004 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:252 Resp: 8025
Ion Ratio Lower Upper
252 100
253 31.8 22.6 33.8
125 16.2 15.3 22.9

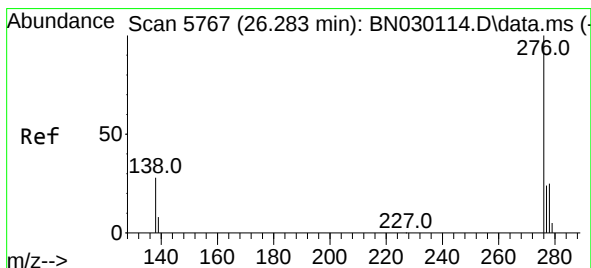
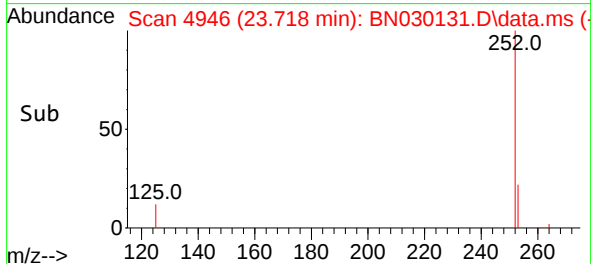
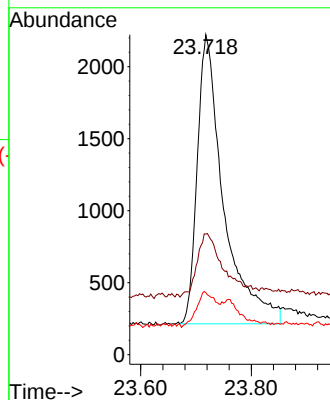
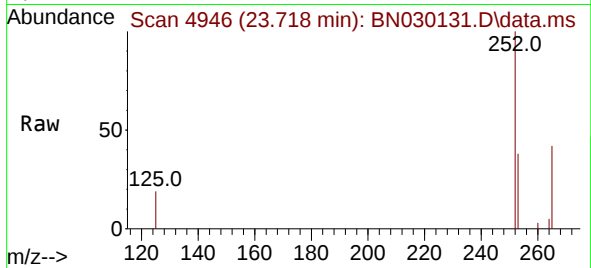




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.718 min Scan# 4945
Delta R.T. -0.007 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

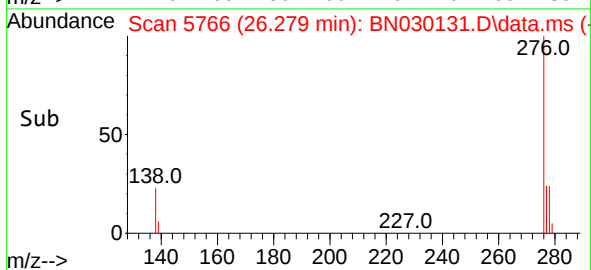
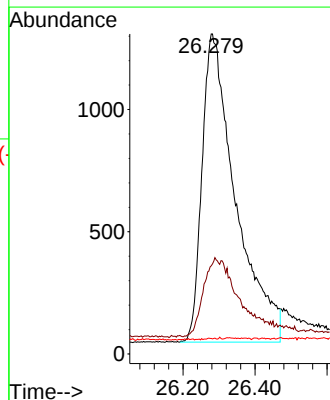
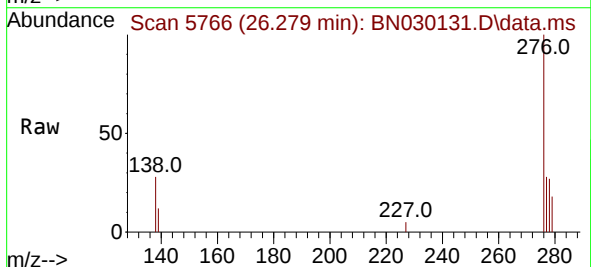
Instrument :
BNA_N
ClientSampleId :
SLCS157

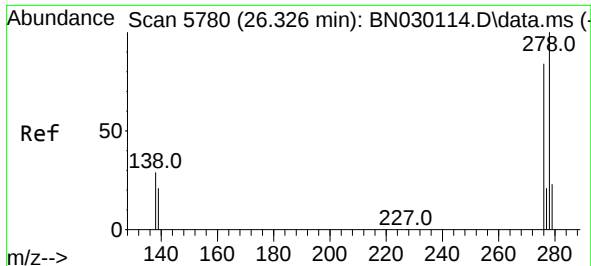
Tgt Ion:252 Resp: 6633
Ion Ratio Lower Upper
252 100
253 37.7 25.4 38.0
125 19.4 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.015 min
Lab File: BN030131.D
Acq: 28 Feb 2024 15:25

Tgt Ion:276 Resp: 8156
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.404 ng/ul

RT: 26.322 min Scan# 51

Delta R.T. -0.008 min

Lab File: BN030131.D

Acq: 28 Feb 2024 15:25

Instrument :

BNA_N

ClientSampleId :

SLCS157

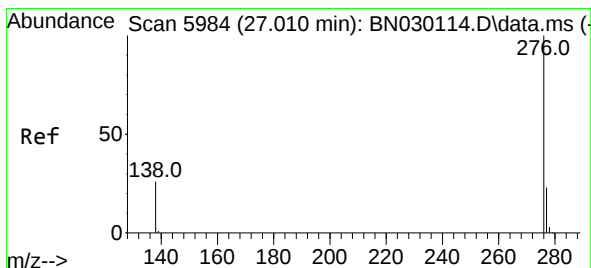
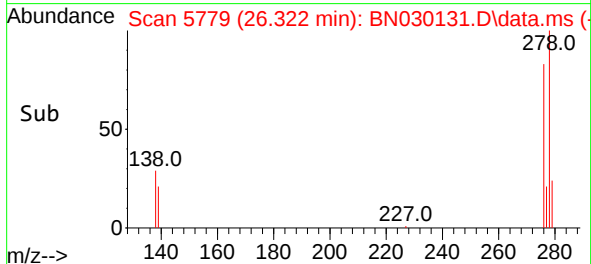
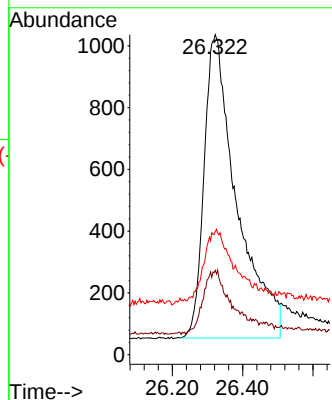
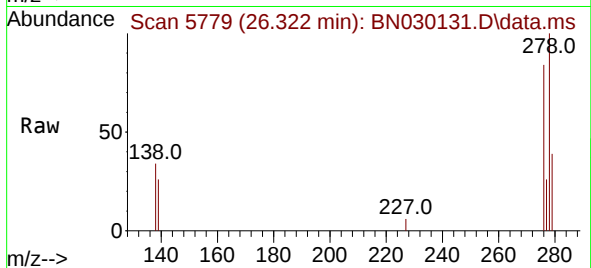
Tgt Ion:278 Resp: 6348

Ion Ratio Lower Upper

278 100

139 26.4 19.0 28.4

279 38.5 22.6 34.0#



#29

Benzo(g,h,i)perylene

Concen: 0.409 ng/ul

RT: 27.010 min Scan# 5984

Delta R.T. -0.008 min

Lab File: BN030131.D

Acq: 28 Feb 2024 15:25

Tgt Ion:276 Resp: 7435

Ion Ratio Lower Upper

276 100

138 25.5 24.6 37.0

277 26.0 19.7 29.5

