

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028150.D
 Acq On : 08 Oct 2023 09:33
 Operator : MA/JU
 Sample : PB155982BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS982

Quant Time: Oct 09 00:47:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

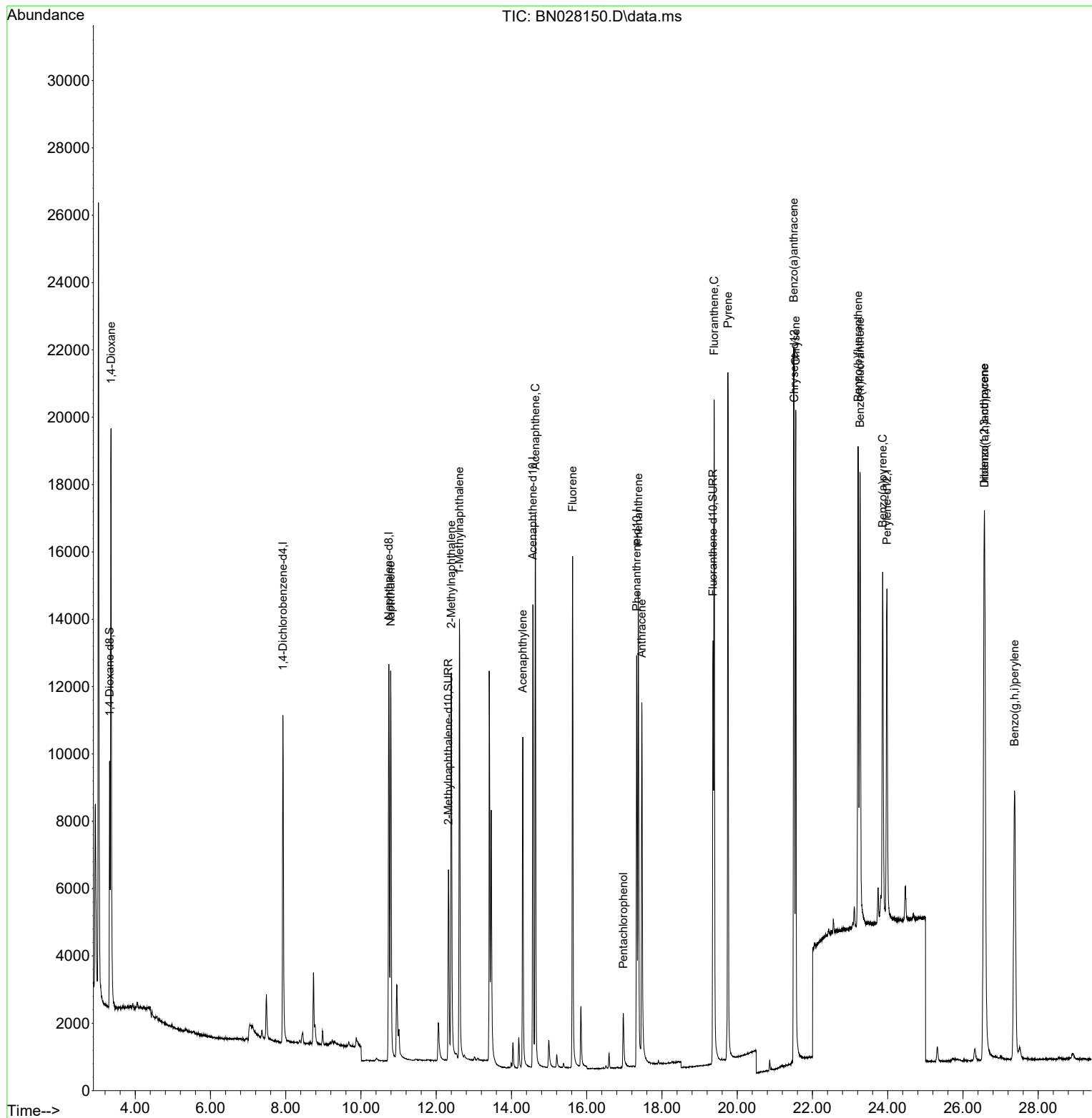
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	5703	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.740	136	17345	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.569	164	8386	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.329	188	15652	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	13712	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	14681	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	5251	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	8843	0.316	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	15477	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	13047	1.720	ng/ul#	85
5) Naphthalene	10.790	128	16759	0.340	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	9641	0.310	ng/ul	99
8) 1-Methylnaphthalene	12.616	142	9893	0.308	ng/ul	100
10) Acenaphthylene	14.300	152	12310	0.324	ng/ul	100
11) Acenaphthene	14.634	153	10161	0.336	ng/ul	99
12) Fluorene	15.624	166	10776	0.320	ng/ul	100
14) Pentachlorophenol	16.970	266	1520	0.453	ng/ul	98
15) Phenanthrene	17.371	178	16353	0.351	ng/ul	99
16) Anthracene	17.464	178	13998	0.335	ng/ul	99
19) Fluoranthene	19.385	202	18221	0.348	ng/ul	98
20) Pyrene	19.752	202	18904	0.348	ng/ul	98
21) Benzo(a)anthracene	21.501	228	17404	0.348	ng/ul	99
22) Chrysene	21.554	228	18447	0.365	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	19332	0.355	ng/ul	99
25) Benzo(k)fluoranthene	23.264	252	20106	0.371	ng/ul	98
26) Benzo(a)pyrene	23.866	252	16963	0.365	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.562	276	23475	0.418	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.576	278	19140	0.419	ng/ul	99
29) Benzo(g,h,i)perylene	27.371	276	20045	0.437	ng/ul	99

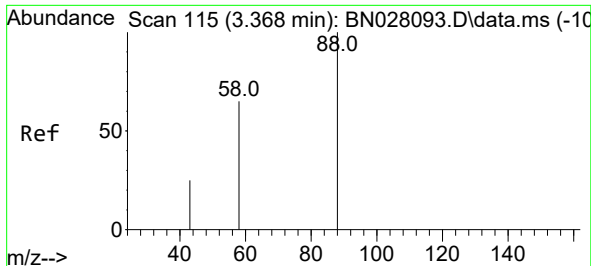
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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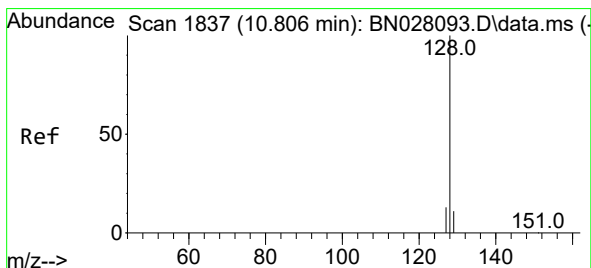
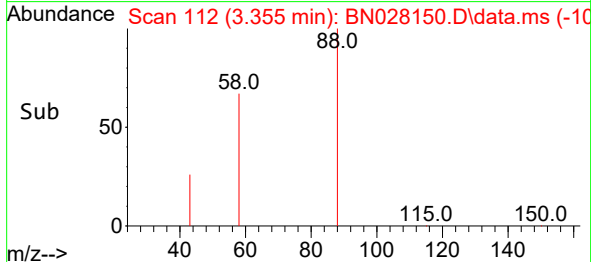
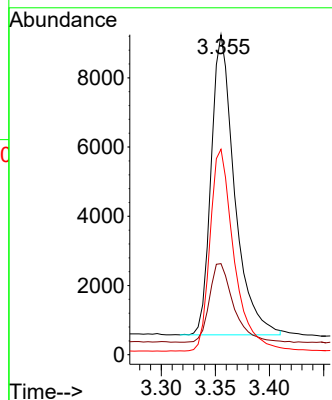
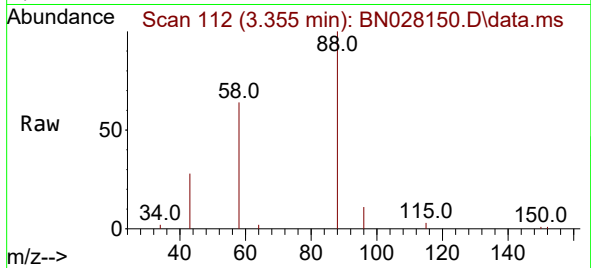




#2
1,4-Dioxane
Concen: 1.720 ng/ul
RT: 3.355 min Scan# 115
Delta R.T. -0.008 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

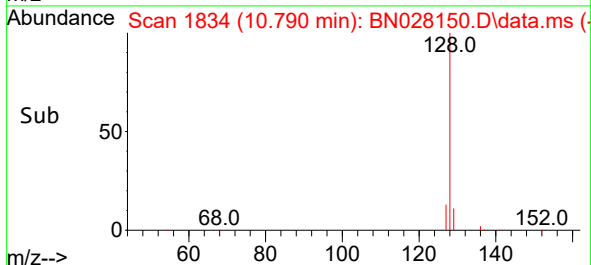
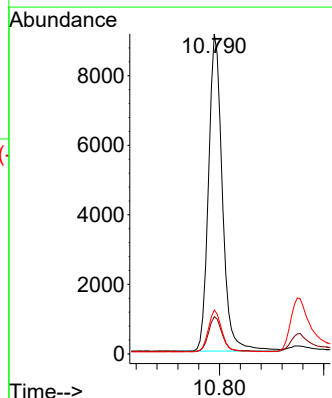
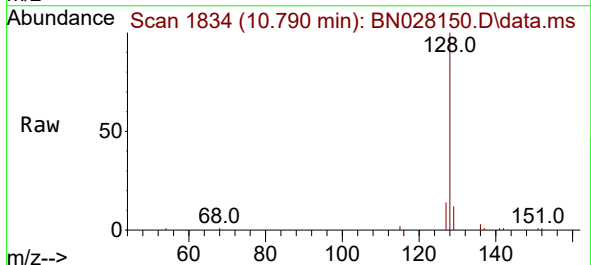
Instrument :
BNA_N
ClientSampleId :
SLCS982

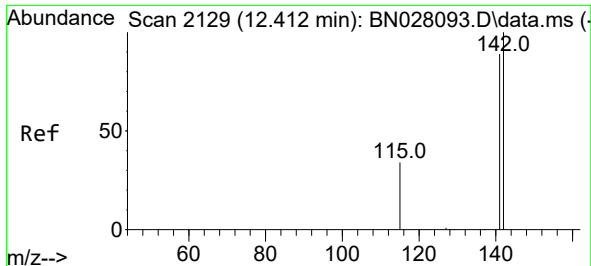
Tgt Ion: 88 Resp: 13047
Ion Ratio Lower Upper
88 100
43 28.4 33.4 50.2#
58 64.2 45.7 68.5



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.790 min Scan# 1834
Delta R.T. -0.016 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Tgt Ion:128 Resp: 16759
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.7 11.0 16.4

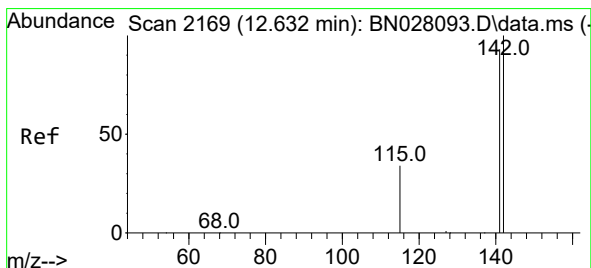
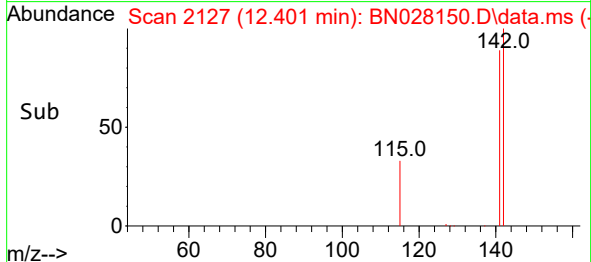
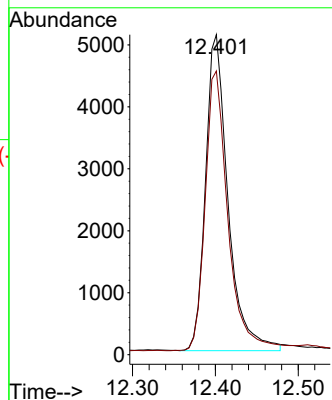
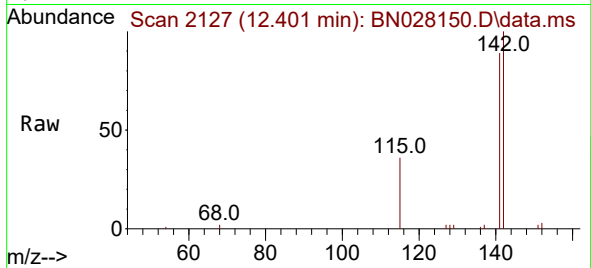




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

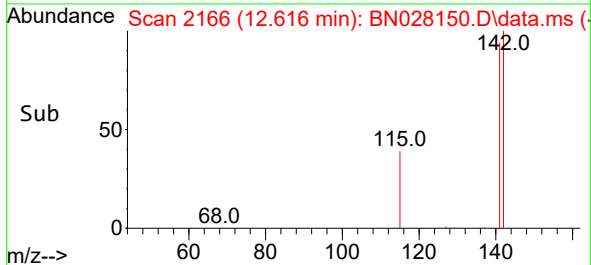
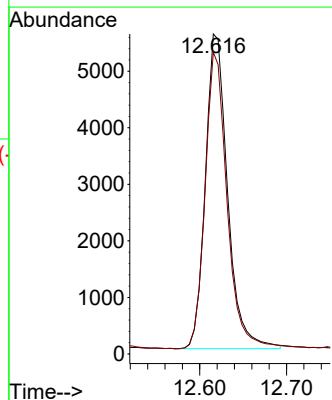
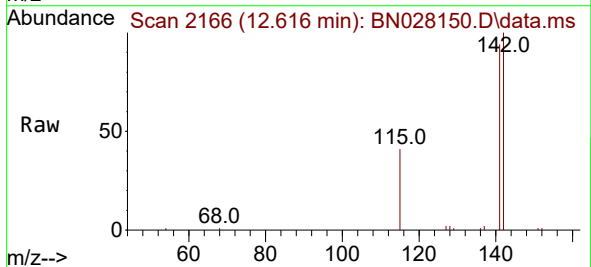
Instrument :
BNA_N
ClientSampleId :
SLCS982

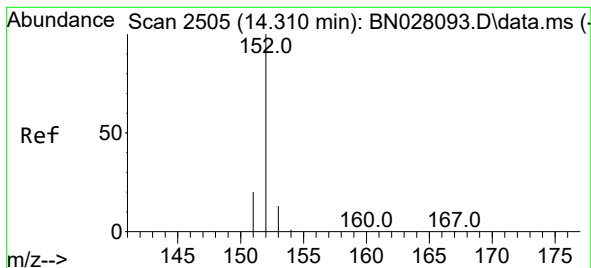
Tgt Ion:142 Resp: 9641
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.616 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Tgt Ion:142 Resp: 9893
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6





#10

Acenaphthylene

Concen: 0.324 ng/ul

RT: 14.300 min Scan# 2505

Delta R.T. -0.009 min

Lab File: BN028150.D

Acq: 08 Oct 2023 09:33

Instrument :

BNA_N

ClientSampleId :

SLCS982

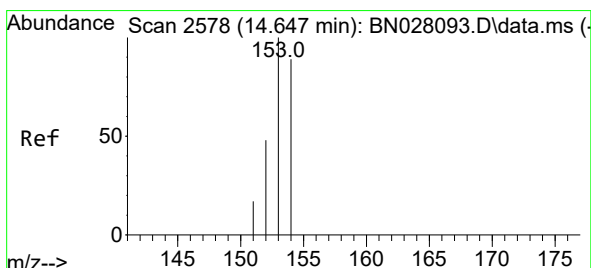
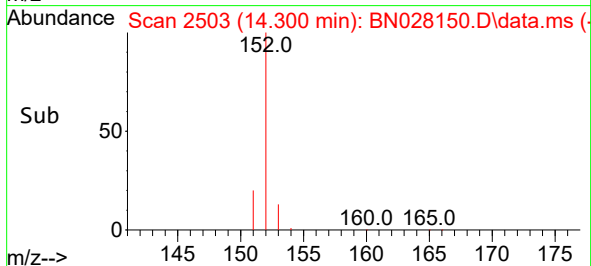
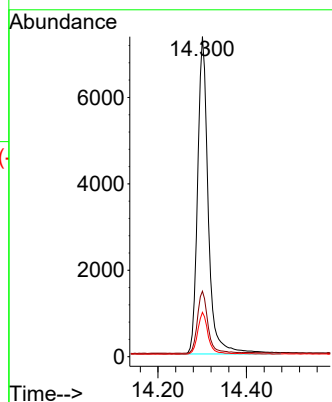
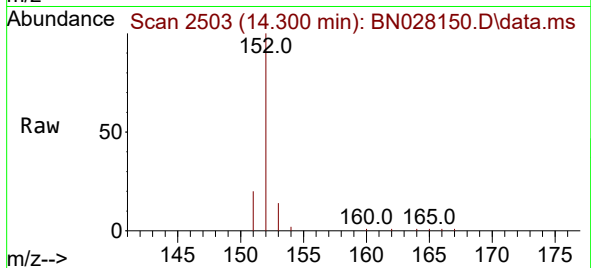
Tgt Ion:152 Resp: 12310

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.9 10.9 16.3



#11

Acenaphthene

Concen: 0.336 ng/ul

RT: 14.634 min Scan# 2575

Delta R.T. -0.009 min

Lab File: BN028150.D

Acq: 08 Oct 2023 09:33

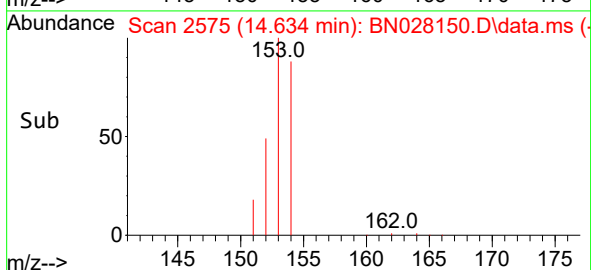
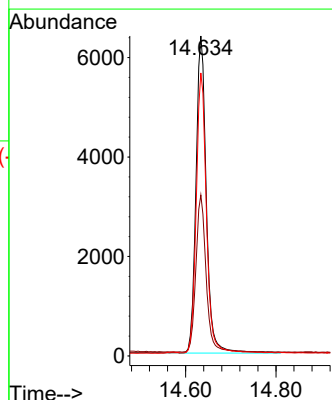
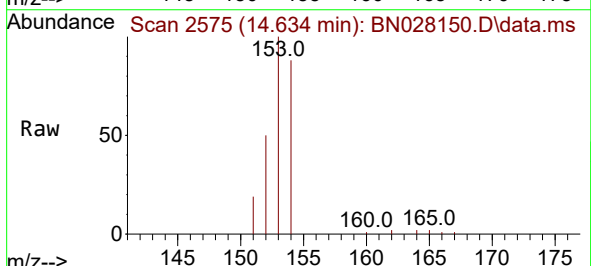
Tgt Ion:153 Resp: 10161

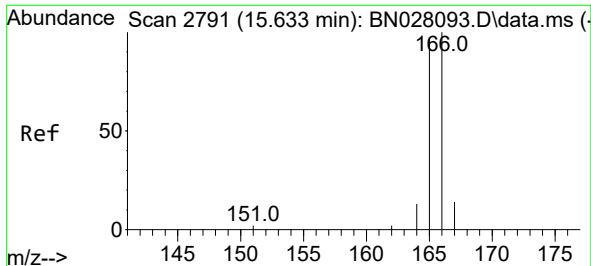
Ion Ratio Lower Upper

153 100

152 50.3 39.4 59.0

154 88.5 70.2 105.4

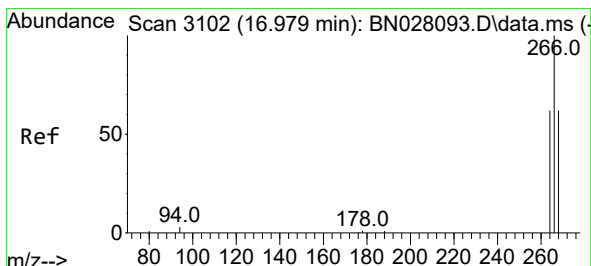
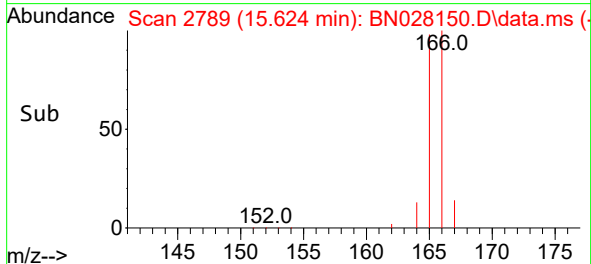
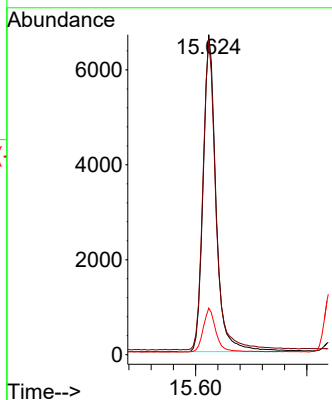
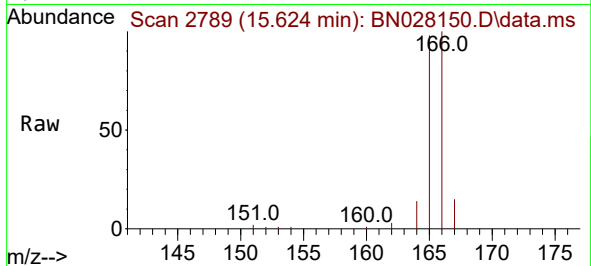




#12
 Fluorene
 Concen: 0.320 ng/ul
 RT: 15.624 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN028150.D
 Acq: 08 Oct 2023 09:33

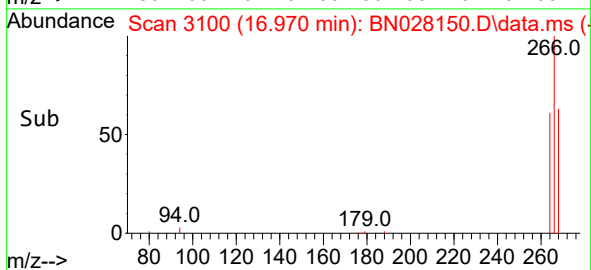
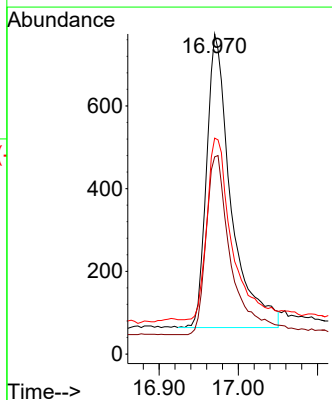
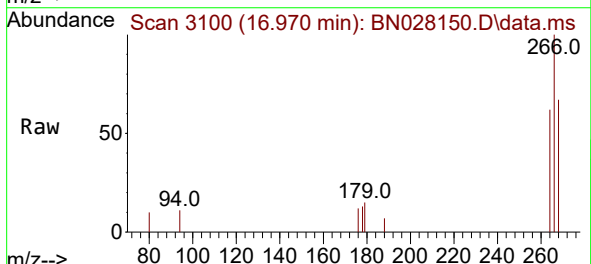
Instrument :
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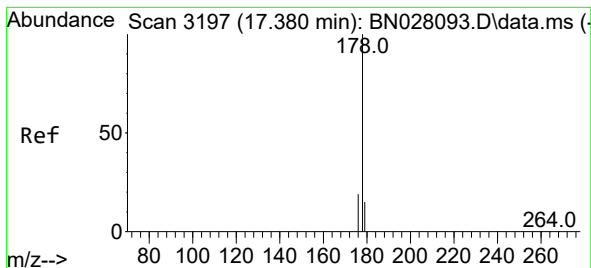
Tgt Ion:166 Resp: 10776
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.5 117.7
 167 14.5 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.453 ng/ul
 RT: 16.970 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BN028150.D
 Acq: 08 Oct 2023 09:33

Tgt Ion:266 Resp: 1520
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.6 74.4
 268 63.0 52.2 78.4





#15

Phenanthrene

Concen: 0.351 ng/ul

RT: 17.371 min Scan# 3195

Delta R.T. -0.004 min

Lab File: BN028150.D

Acq: 08 Oct 2023 09:33

Instrument :

BNA_N

ClientSampleId :

SLCS982

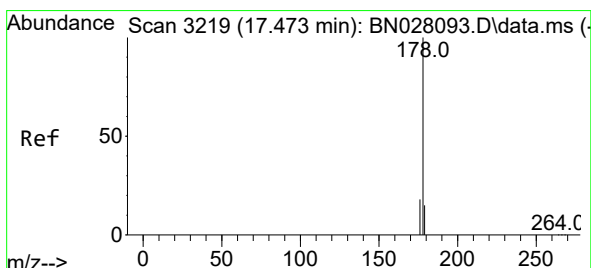
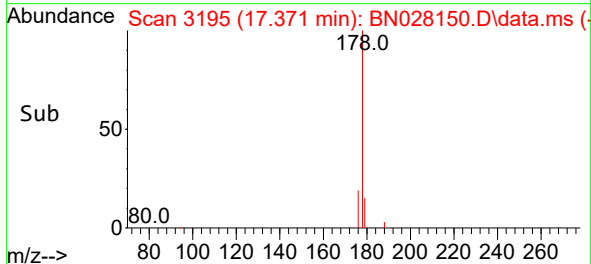
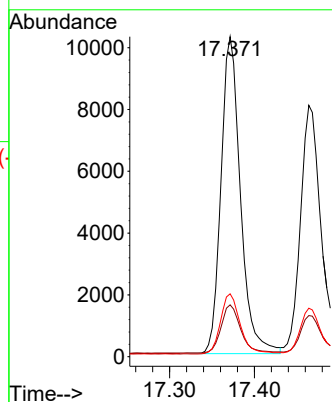
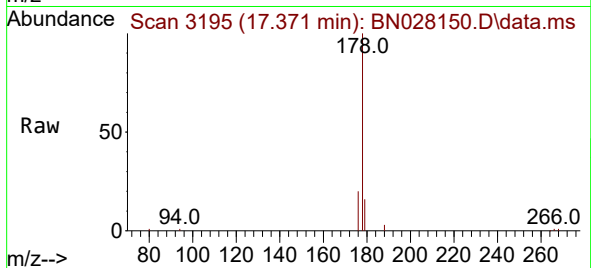
Tgt Ion:178 Resp: 16353

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.6 15.5 23.3



#16

Anthracene

Concen: 0.335 ng/ul

RT: 17.464 min Scan# 3217

Delta R.T. -0.004 min

Lab File: BN028150.D

Acq: 08 Oct 2023 09:33

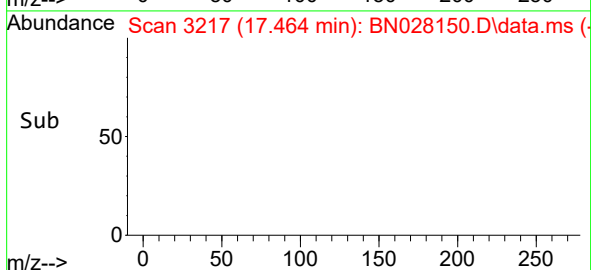
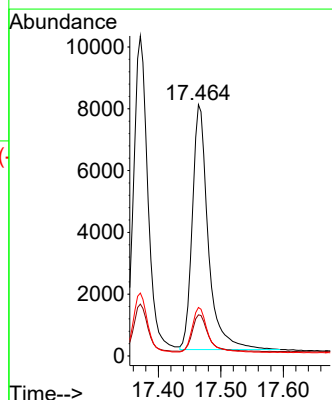
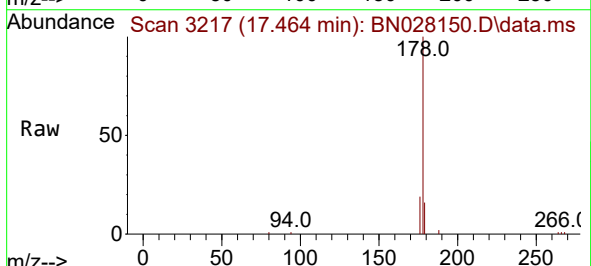
Tgt Ion:178 Resp: 13998

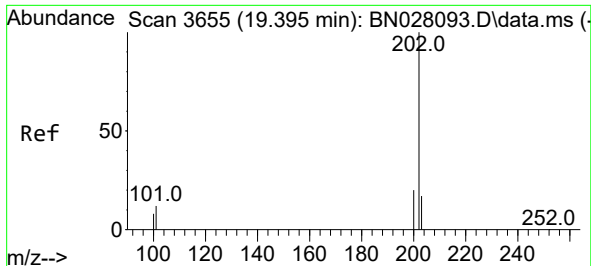
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 19.3 15.0 22.6

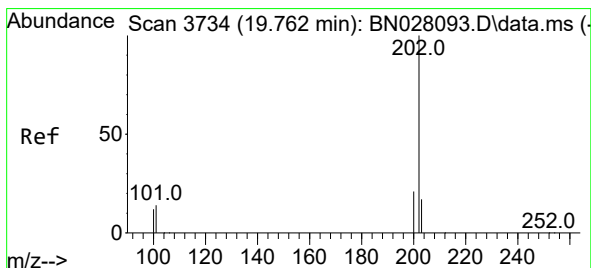
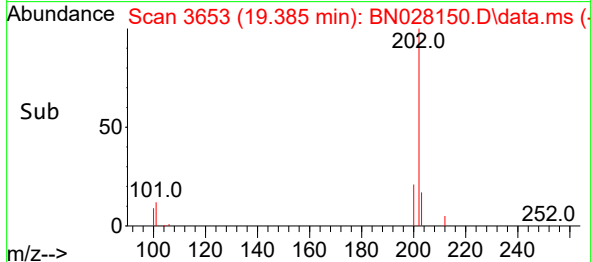
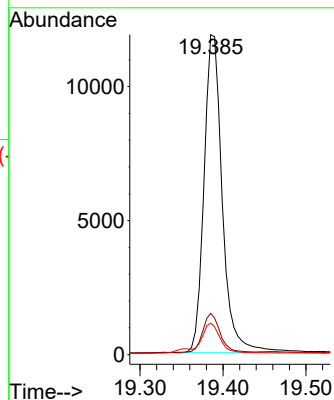
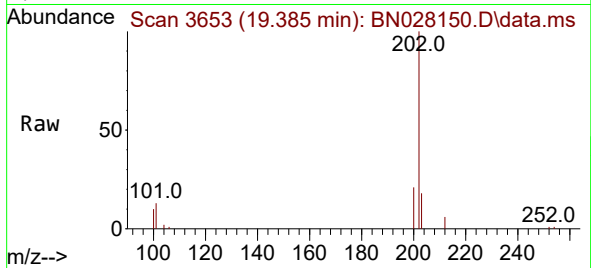




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.385 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

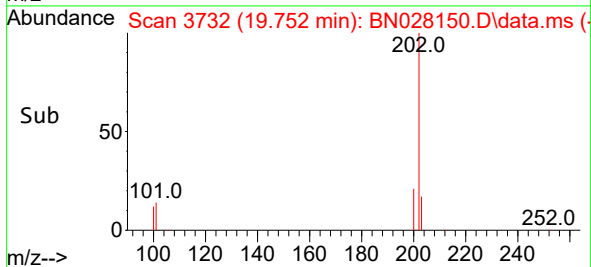
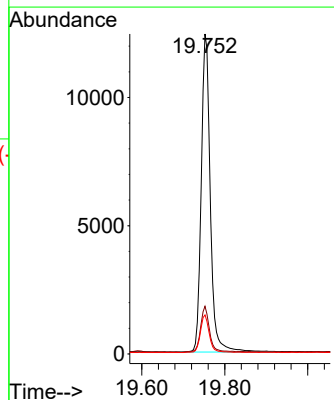
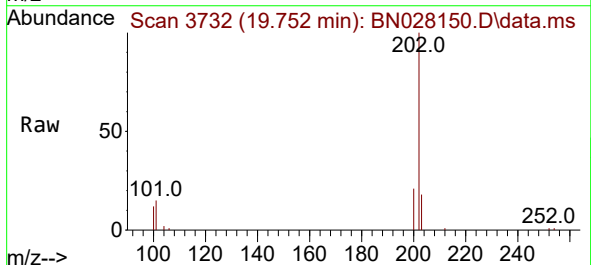
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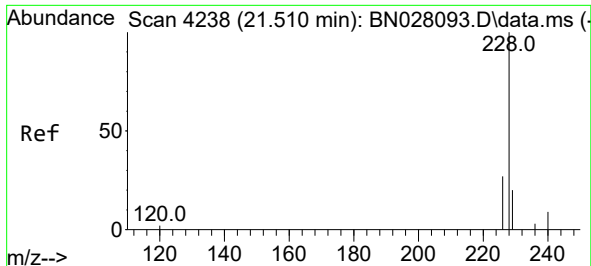
Tgt Ion:202 Resp: 18221
Ion Ratio Lower Upper
202 100
101 12.9 9.6 14.4
100 9.9 7.4 11.0



#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.752 min Scan# 3732
Delta R.T. -0.005 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

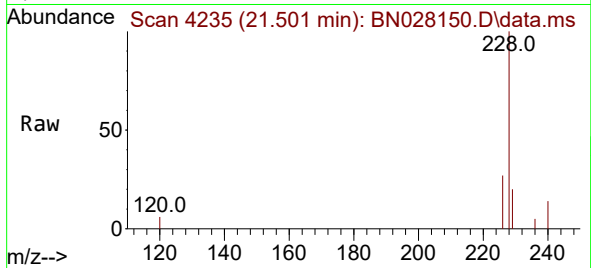
Tgt Ion:202 Resp: 18904
Ion Ratio Lower Upper
202 100
101 14.9 11.2 16.8
100 12.2 9.1 13.7



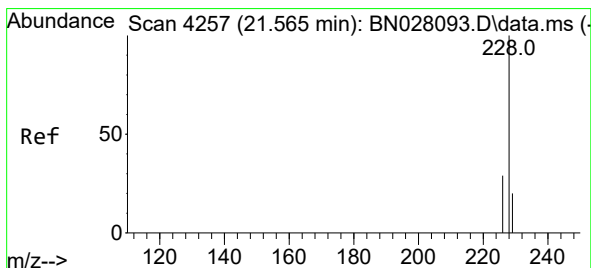
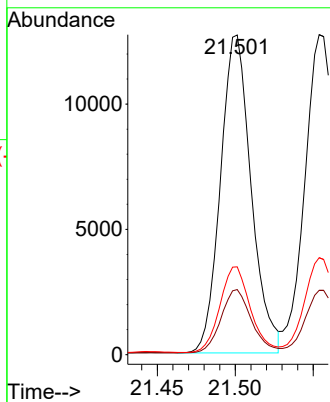
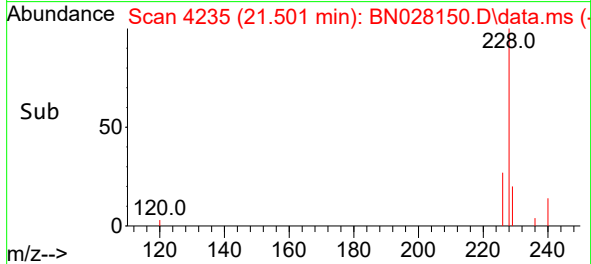


#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.501 min Scan# 4235
Delta R.T. 0.000 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Instrument :
BNA_N
ClientSampleId :
SLCS982

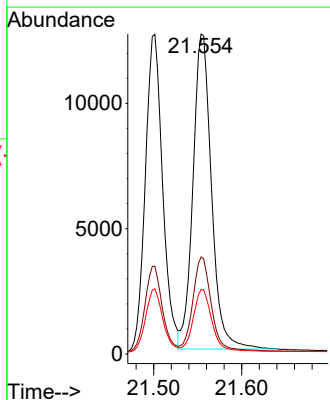
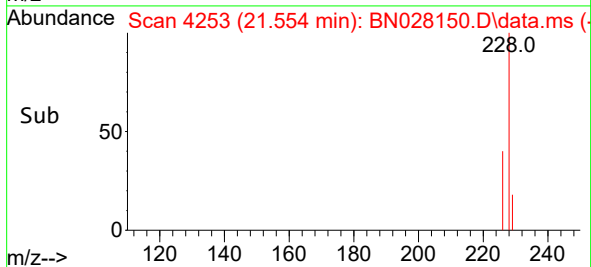
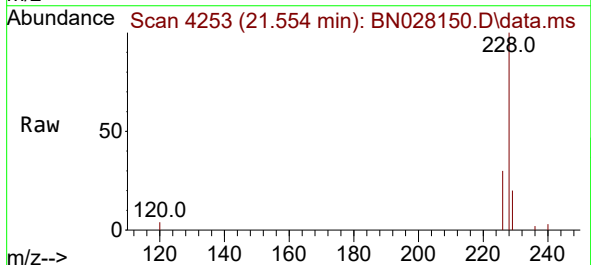


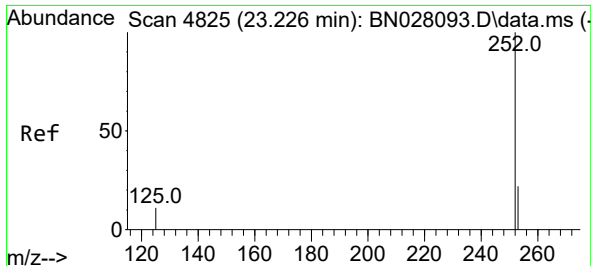
Tgt Ion:228 Resp: 17404
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

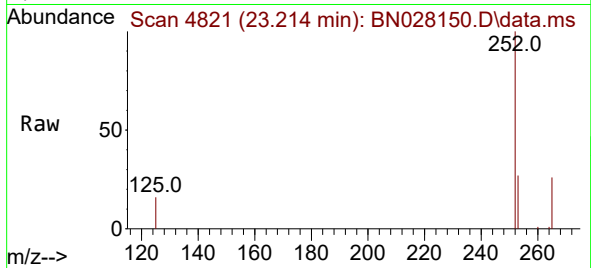
Tgt Ion:228 Resp: 18447
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.1 16.0 24.0



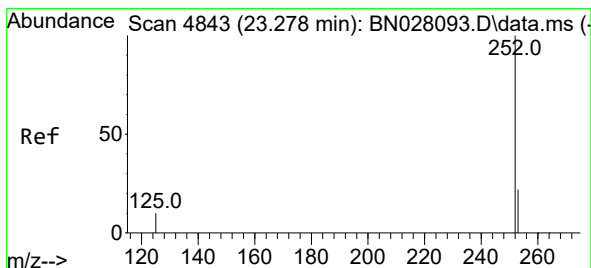
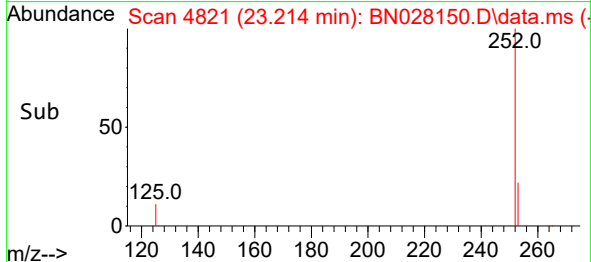
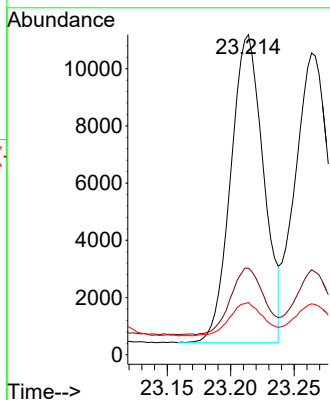


#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.214 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Instrument :
BNA_N
ClientSampleId :
SLCS982

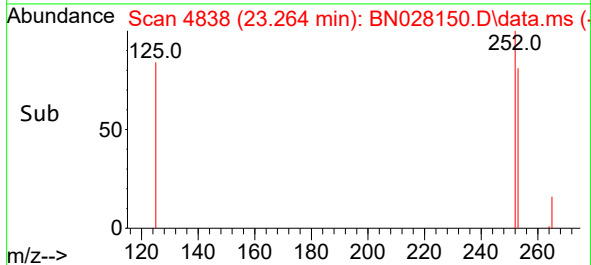
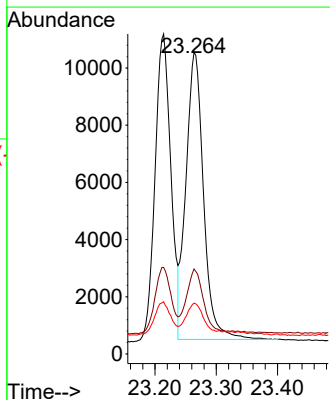
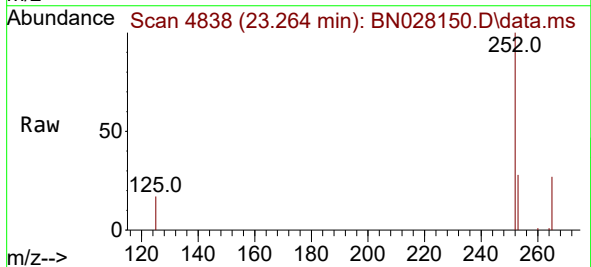


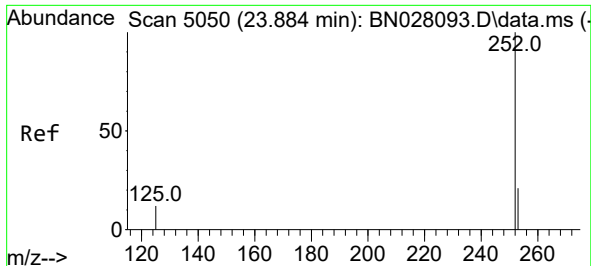
Tgt Ion:252 Resp: 19332
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 16.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.264 min Scan# 4838
Delta R.T. -0.003 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Tgt Ion:252 Resp: 20106
Ion Ratio Lower Upper
252 100
253 28.2 21.8 32.8
125 16.8 12.8 19.2

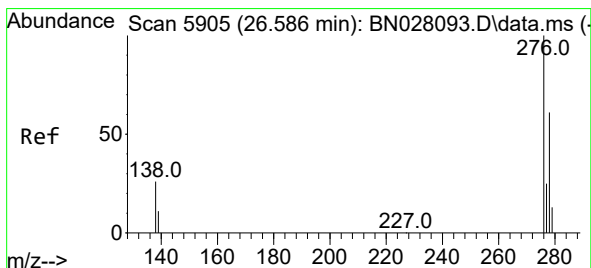
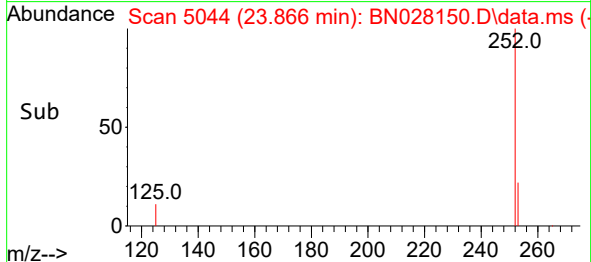
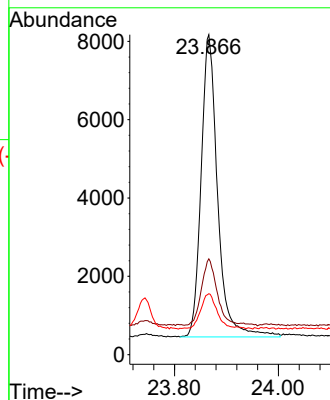
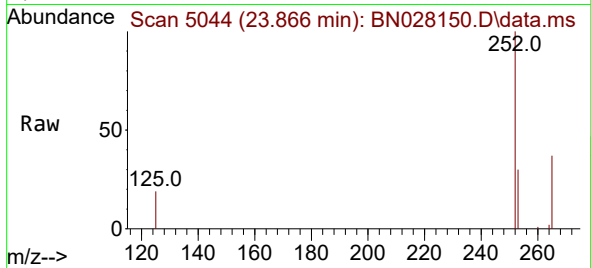




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.866 min Scan# 5050
Delta R.T. -0.003 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

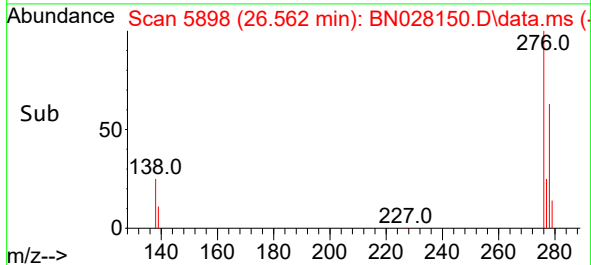
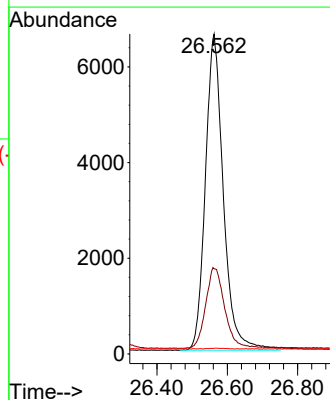
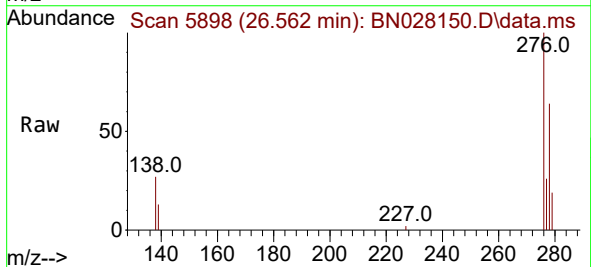
Instrument :
BNA_N
ClientSampleId :
SLCS982

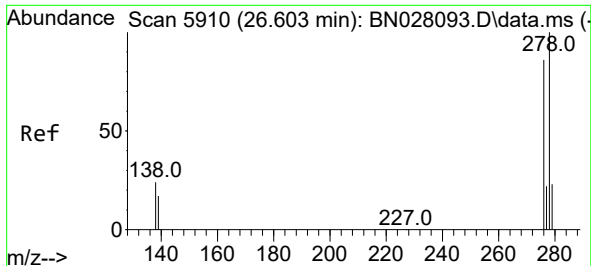
Tgt Ion:252 Resp: 16963
Ion Ratio Lower Upper
252 100
253 30.0 23.4 35.2
125 19.0 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.562 min Scan# 5898
Delta R.T. -0.003 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Tgt Ion:276 Resp: 23475
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
227 0.3 0.2 0.2#

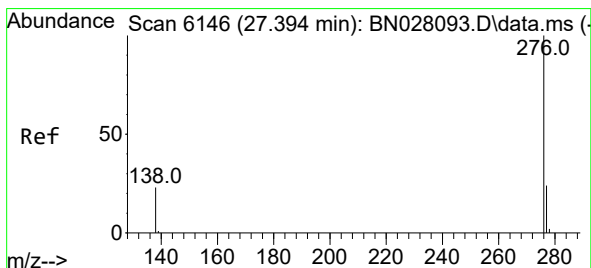
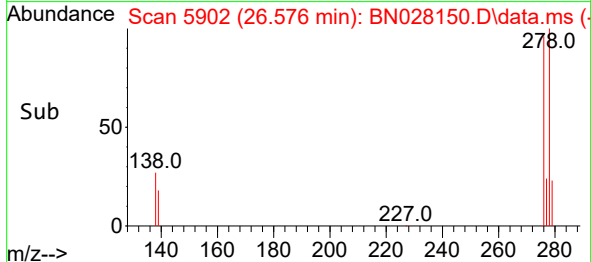
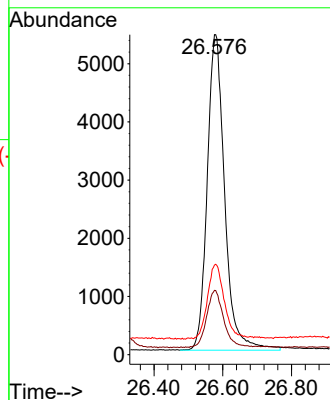
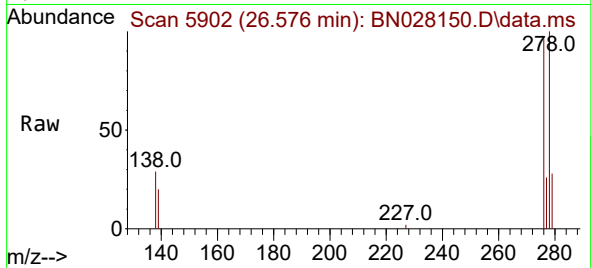




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.576 min Scan# 5910
Delta R.T. -0.007 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Instrument :
BNA_N
ClientSampleId :
SLCS982

Tgt Ion:278 Resp: 19140
Ion Ratio Lower Upper
278 100
139 20.1 15.9 23.9
279 28.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.371 min Scan# 6139
Delta R.T. -0.007 min
Lab File: BN028150.D
Acq: 08 Oct 2023 09:33

Tgt Ion:276 Resp: 20045
Ion Ratio Lower Upper
276 100
138 25.3 19.8 29.6
277 25.6 20.6 31.0

