

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030247.D
 Acq On : 04 Mar 2024 09:12
 Operator : MA/JU
 Sample : PB159339BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS339

Quant Time: Mar 04 09:41:39 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 : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

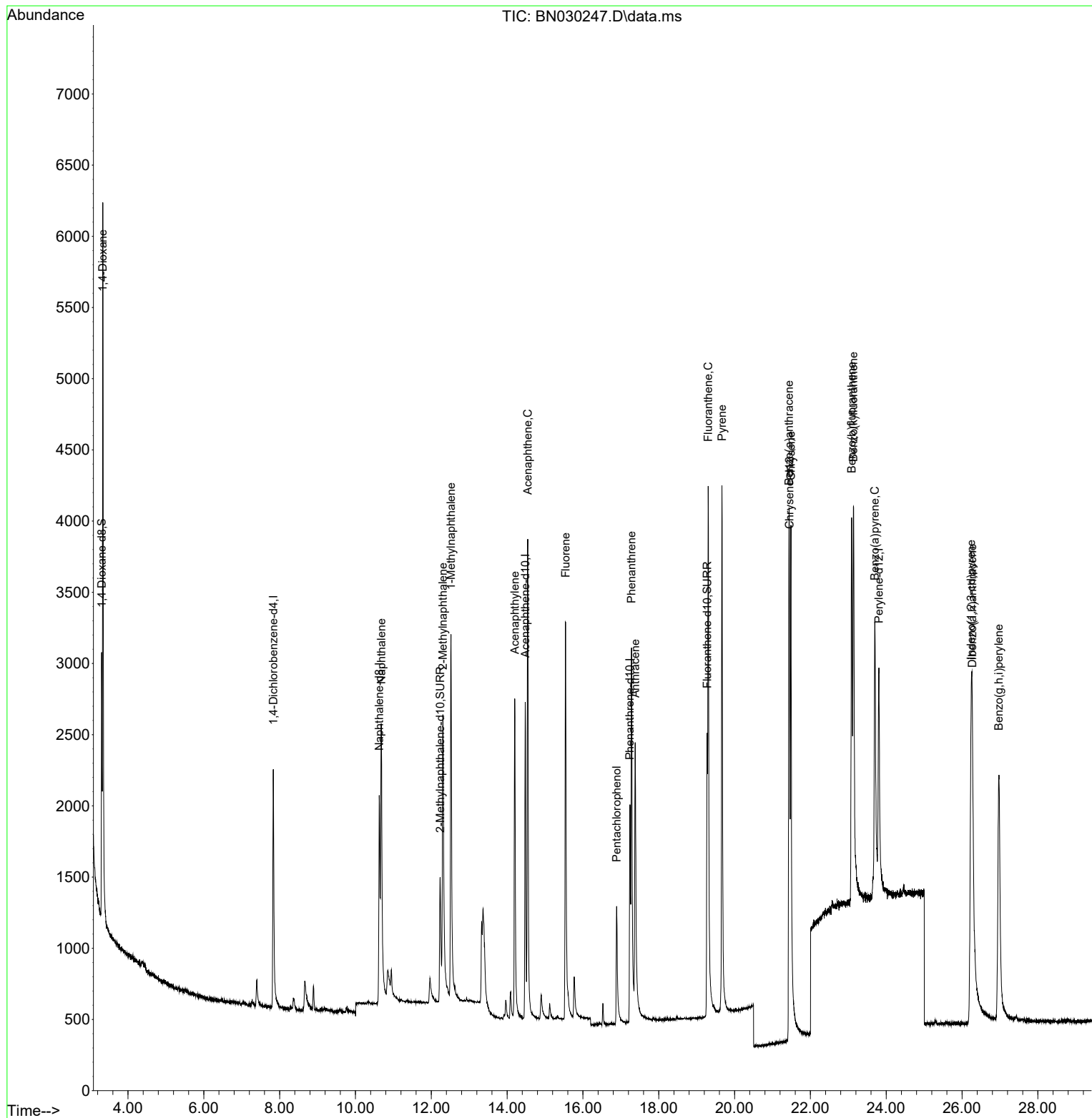
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1143	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	3128	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	1497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	2652	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2240	0.400	ng/ul	0.00
23) Perylene-d12	23.806	264	2586	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1250	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1778	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	3150	0.432	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.336	88	3594	2.093	ng/ul#	87
5) Naphthalene	10.683	128	3846	0.417	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	2133	0.426	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	2270	0.428	ng/ul	99
10) Acenaphthylene	14.201	152	3527	0.421	ng/ul	97
11) Acenaphthene	14.544	153	2567	0.418	ng/ul	96
12) Fluorene	15.543	166	2599	0.415	ng/ul	97
14) Pentachlorophenol	16.888	266	843	1.114	ng/ul	98
15) Phenanthrene	17.281	178	3720	0.418	ng/ul	97
16) Anthracene	17.378	178	3303	0.422	ng/ul	98
19) Fluoranthene	19.305	202	4137	0.416	ng/ul	100
20) Pyrene	19.667	202	4484	0.415	ng/ul	96
21) Benzo(a)anthracene	21.435	228	3503	0.442	ng/ul	98
22) Chrysene	21.485	228	4033	0.424	ng/ul	99
24) Benzo(b)fluoranthene	23.087	252	4238	0.425	ng/ul	97
25) Benzo(k)fluoranthene	23.136	252	4902	0.417	ng/ul#	96
26) Benzo(a)pyrene	23.701	252	4322	0.426	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.239	276	5679	0.438	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.272	278	4432	0.442	ng/ul	97
29) Benzo(g,h,i)perylene	26.973	276	5084	0.423	ng/ul#	93

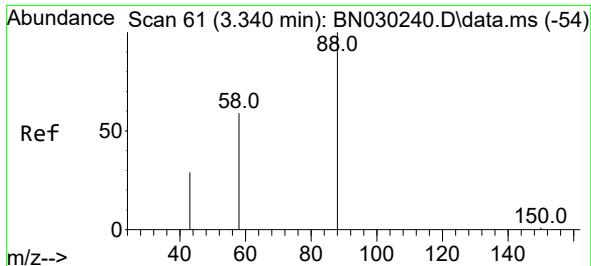
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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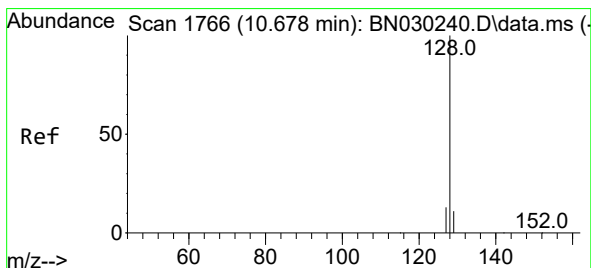
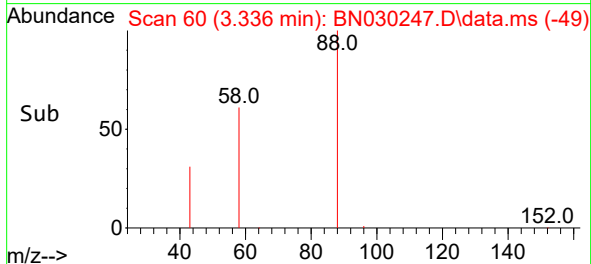
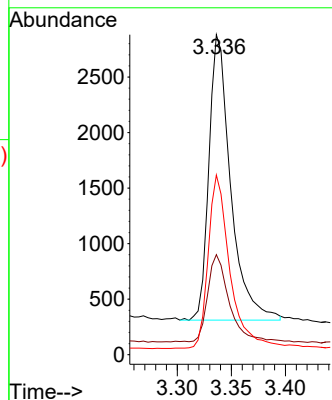
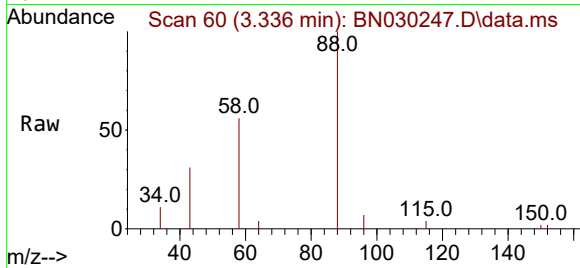




#2
1,4-Dioxane
Concen: 2.093 ng/ul
RT: 3.336 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

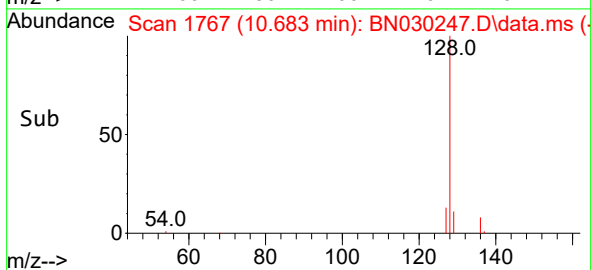
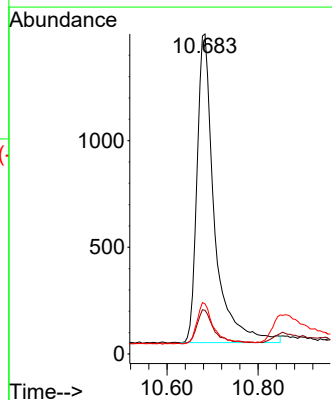
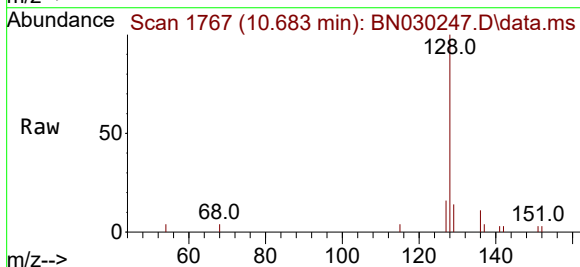
Instrument :
BNA_N
ClientSampleId :
SLCS339

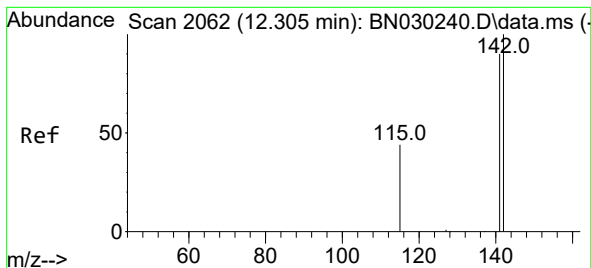
Tgt Ion: 88 Resp: 3594
Ion Ratio Lower Upper
88 100
43 31.3 25.7 38.5
58 56.2 33.8 50.8#



#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

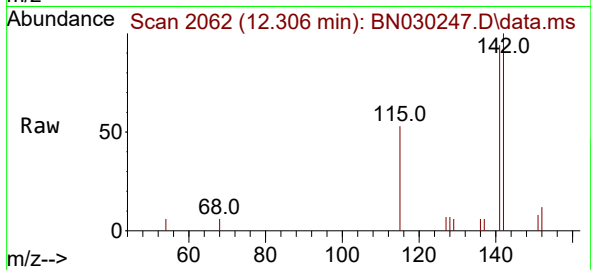
Tgt Ion: 128 Resp: 3846
Ion Ratio Lower Upper
128 100
129 13.7 11.0 16.4
127 15.7 12.3 18.5



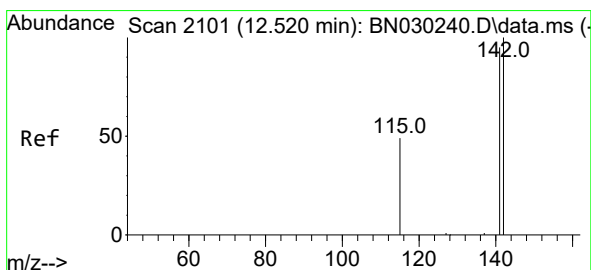
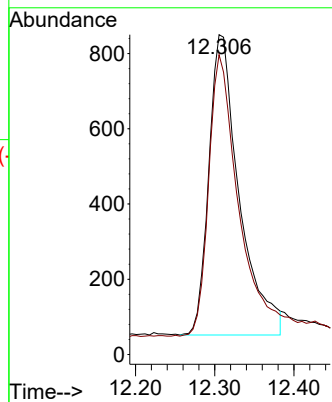
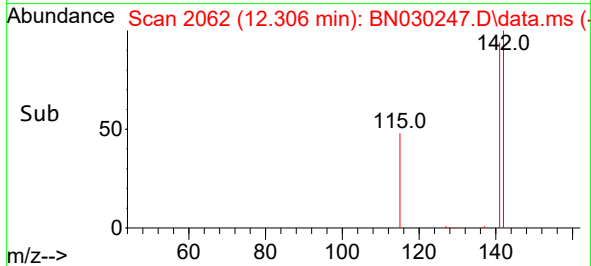


#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Instrument :
BNA_N
ClientSampleId :
SLCS339

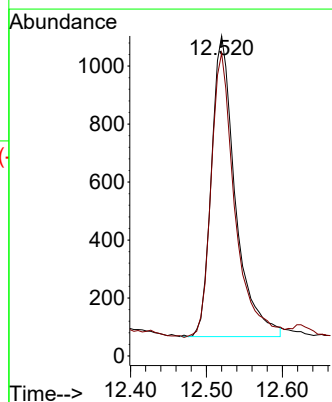
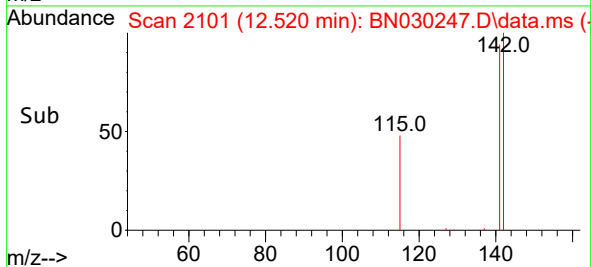
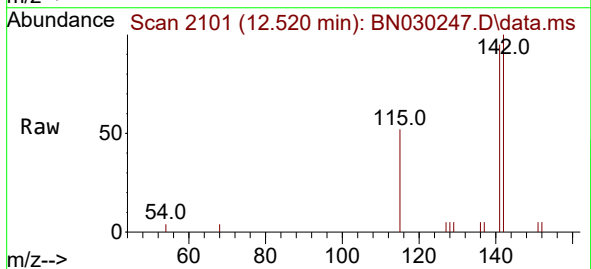


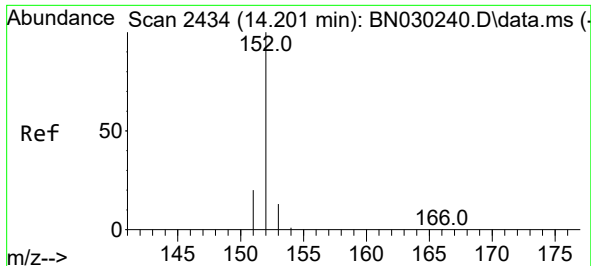
Tgt Ion:142 Resp: 2133
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:142 Resp: 2270
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.2

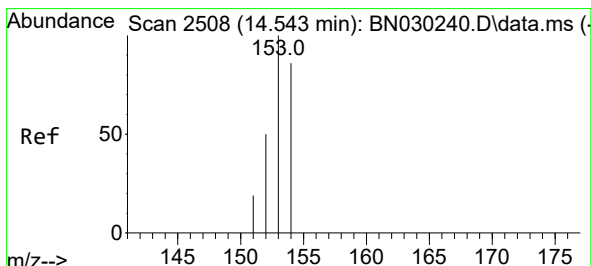
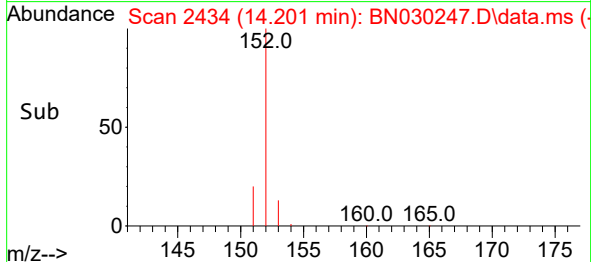
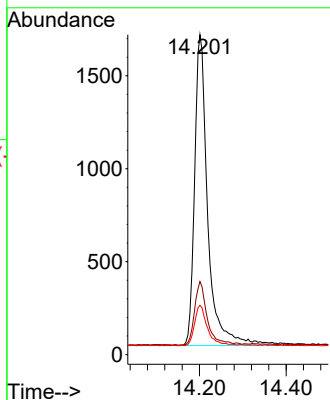
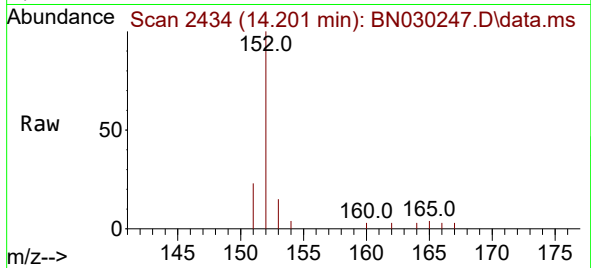




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

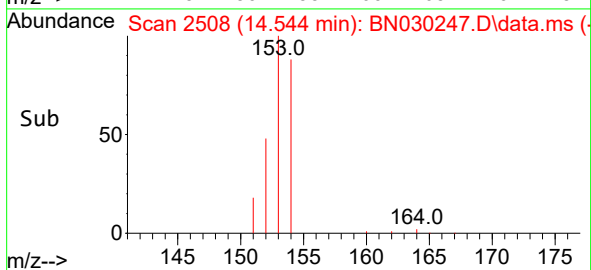
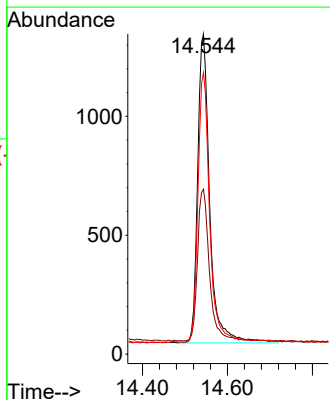
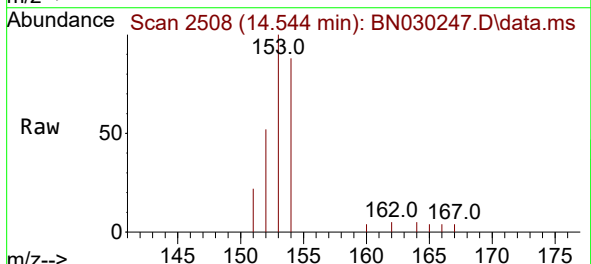
Instrument :
BNA_N
ClientSampleId :
SLCS339

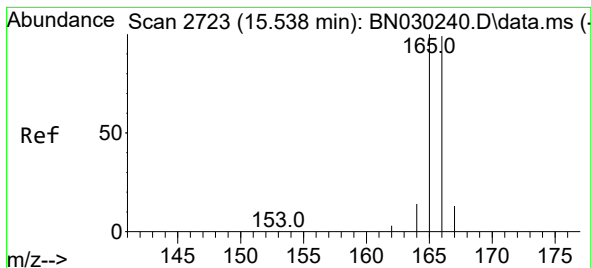
Tgt Ion:152 Resp: 3527
Ion Ratio Lower Upper
152 100
151 22.8 16.9 25.3
153 15.4 11.8 17.6



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:153 Resp: 2567
Ion Ratio Lower Upper
153 100
152 51.5 43.2 64.8
154 88.0 67.5 101.3





#12

Fluorene

Concen: 0.415 ng/ul

RT: 15.543 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

Instrument :

BNA_N

ClientSampleId :

SLCS339

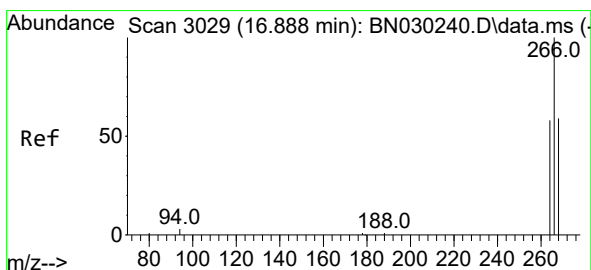
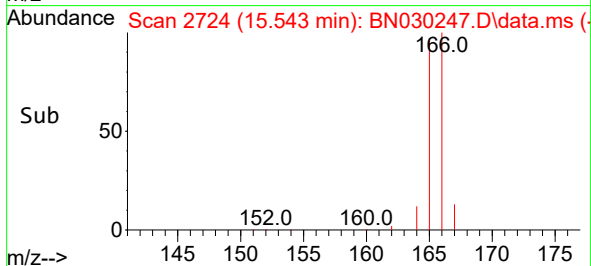
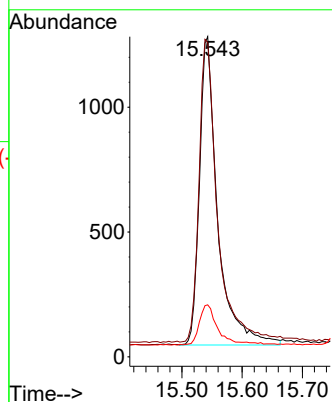
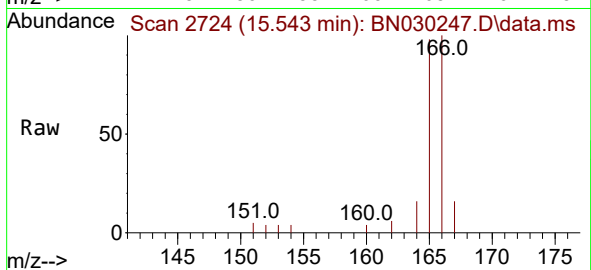
Tgt Ion:166 Resp: 2599

Ion Ratio Lower Upper

166 100

165 98.1 81.8 122.6

167 16.2 13.0 19.4



#14

Pentachlorophenol

Concen: 1.114 ng/ul

RT: 16.888 min Scan# 3029

Delta R.T. 0.000 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

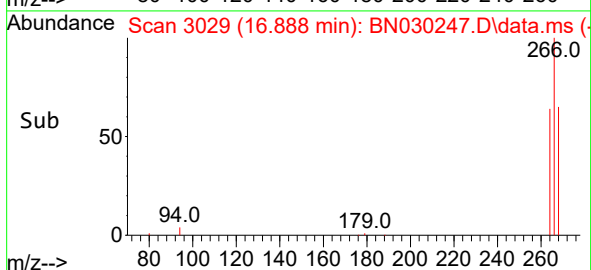
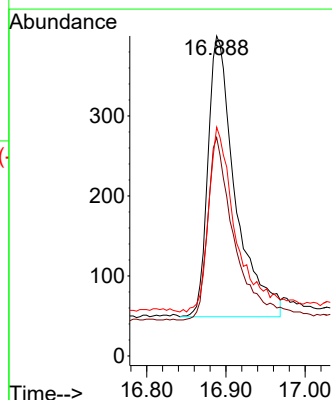
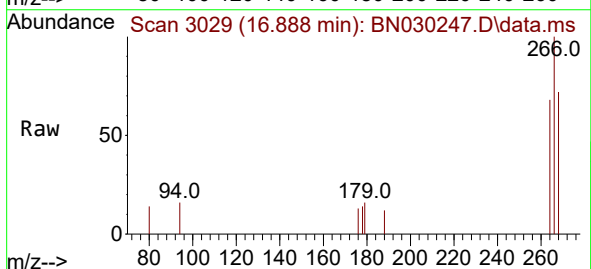
Tgt Ion:266 Resp: 843

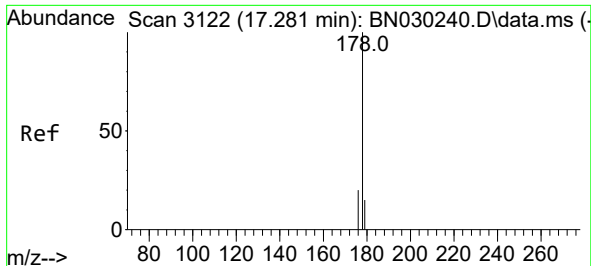
Ion Ratio Lower Upper

266 100

264 63.2 49.8 74.8

268 65.0 53.4 80.2

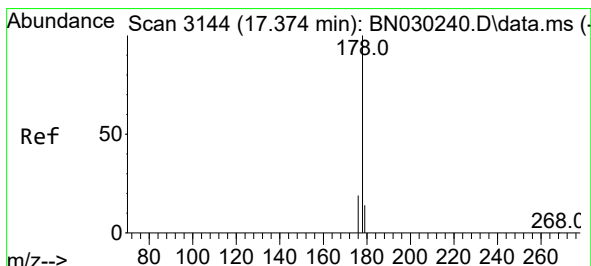
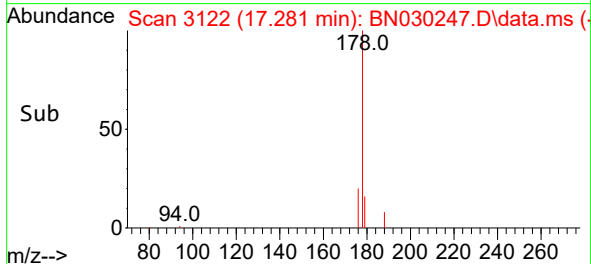
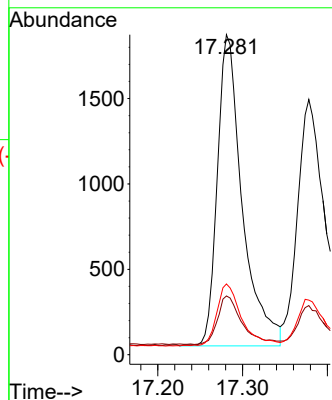
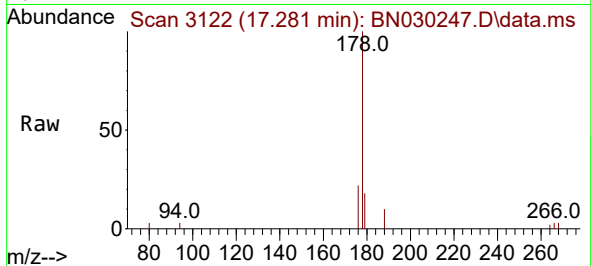




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

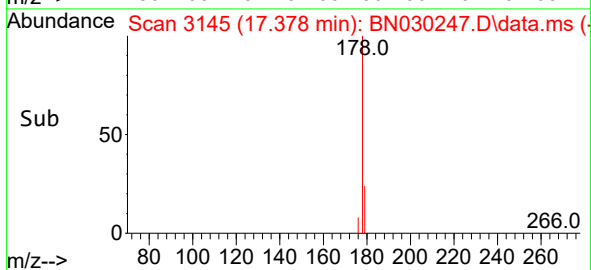
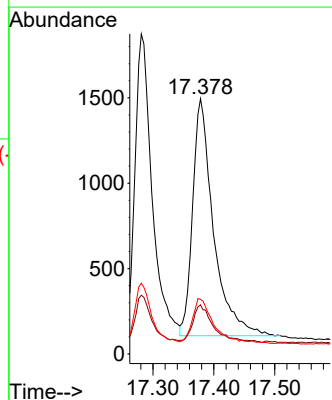
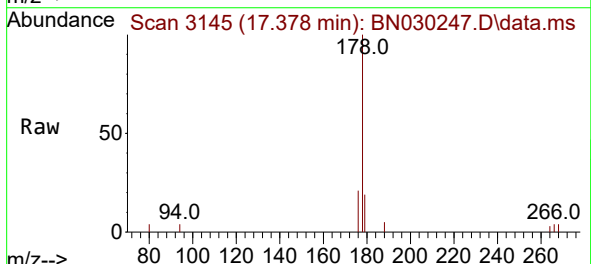
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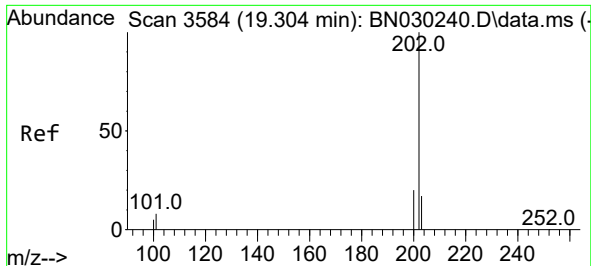
Tgt Ion:178 Resp: 3720
Ion Ratio Lower Upper
178 100
179 18.4 13.8 20.8
176 22.1 16.6 25.0



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.378 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:178 Resp: 3303
Ion Ratio Lower Upper
178 100
179 19.3 14.8 22.2
176 21.4 17.8 26.6

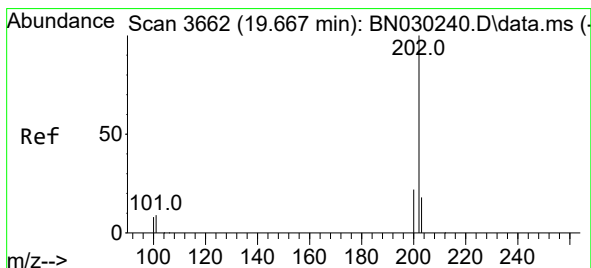
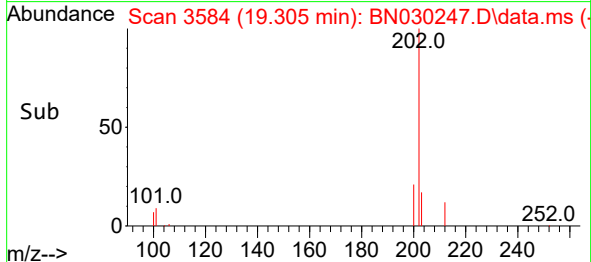
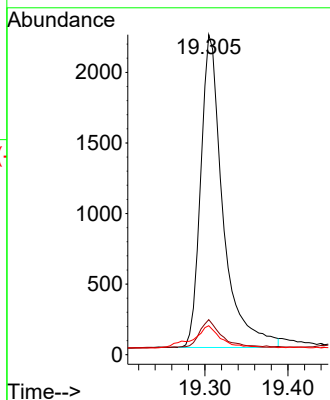
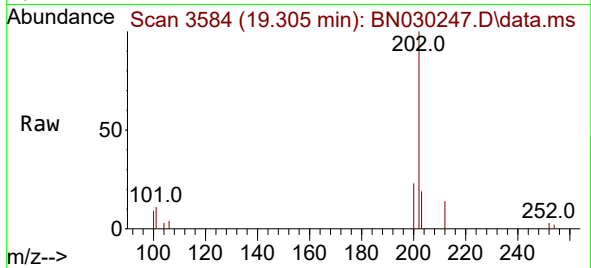




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.305 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

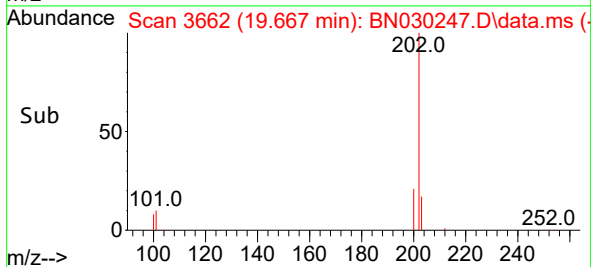
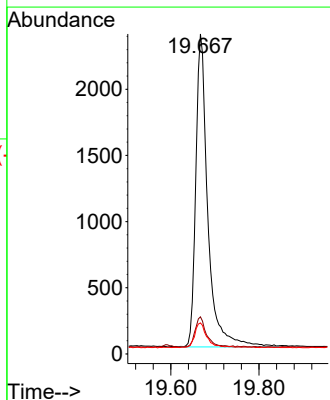
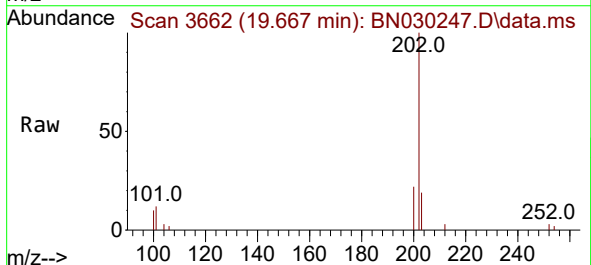
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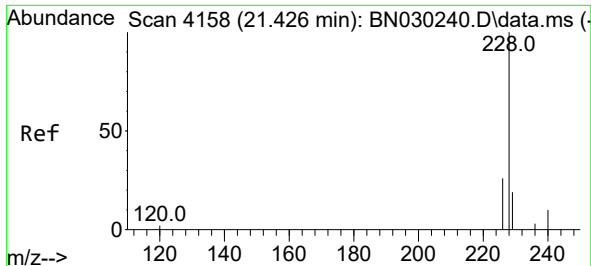
Tgt Ion:202 Resp: 4137
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.667 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:202 Resp: 4484
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 9.7 8.8 13.2

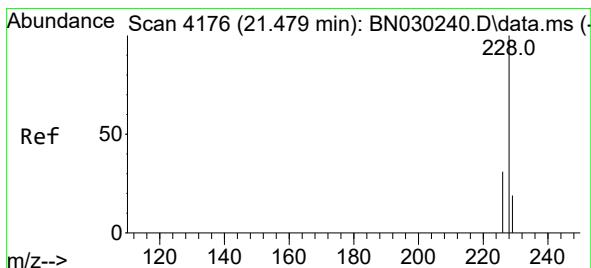
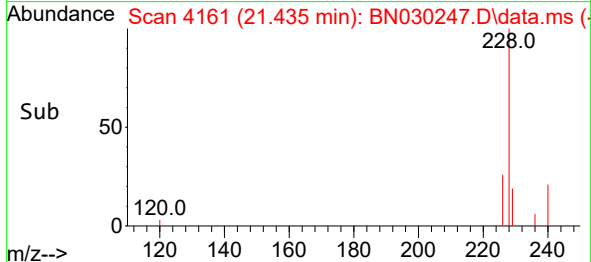
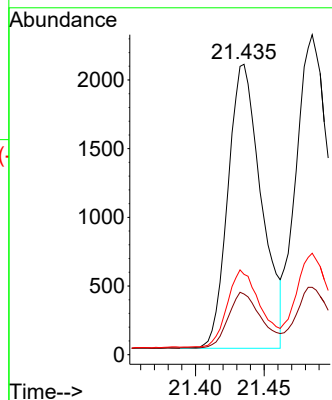
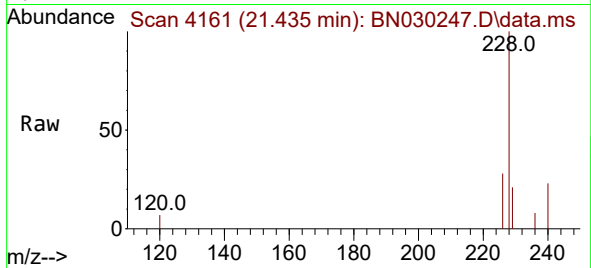




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.435 min Scan# 4158
Delta R.T. 0.009 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

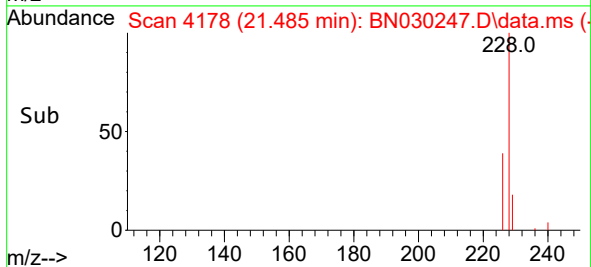
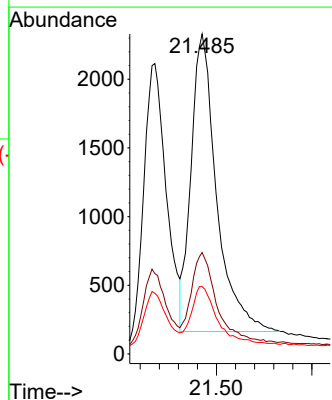
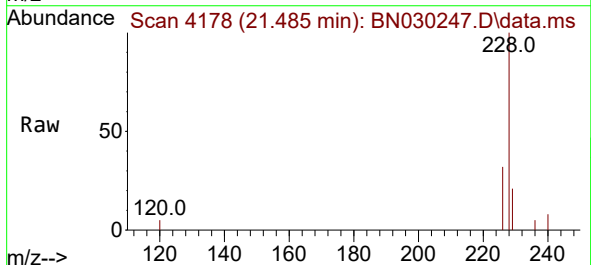
Instrument :
BNA_N
ClientSampleId :
SLCS339

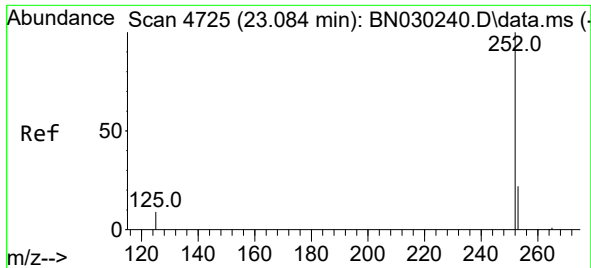
Tgt Ion:228 Resp: 3503
Ion Ratio Lower Upper
228 100
229 20.9 16.6 24.8
226 27.7 23.7 35.5



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:228 Resp: 4033
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.0 16.6 24.8

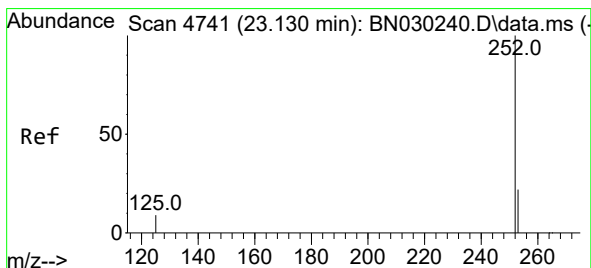
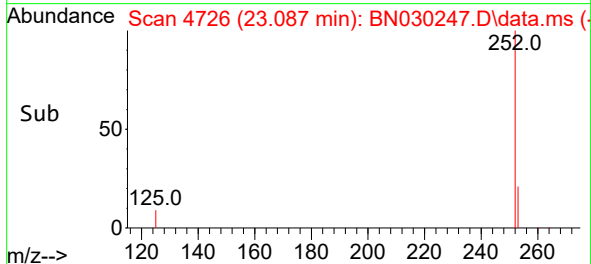
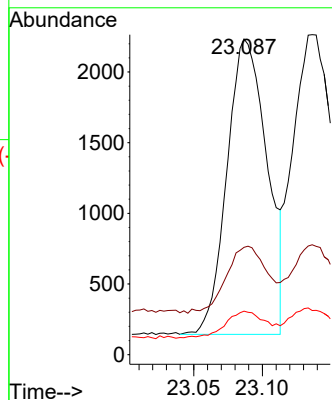
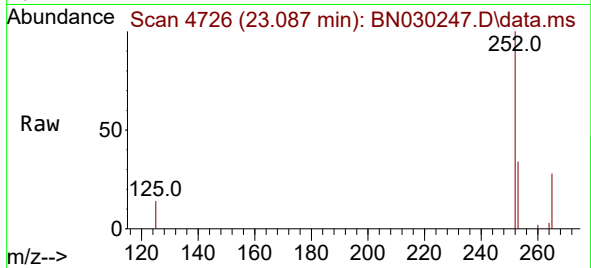




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.087 min Scan# 4725
Delta R.T. 0.003 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

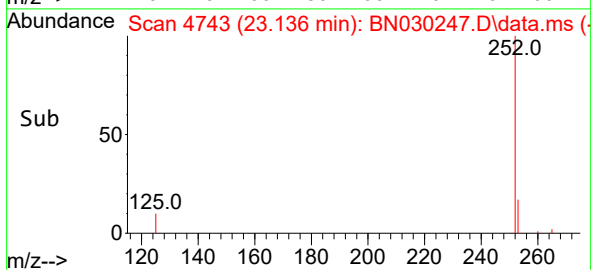
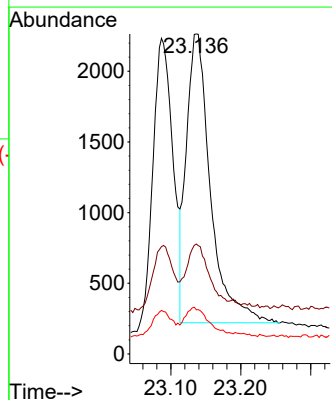
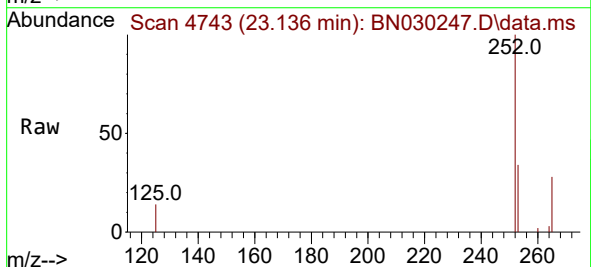
Instrument :
BNA_N
ClientSampleId :
SLCS339

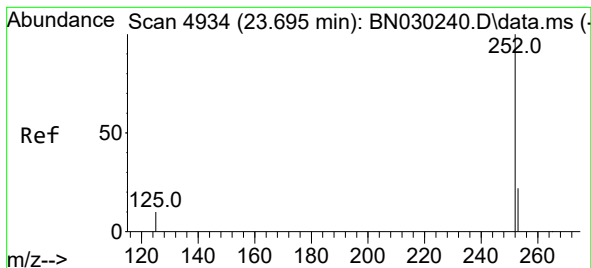
Tgt Ion:252 Resp: 4238
Ion Ratio Lower Upper
252 100
253 34.0 0.0 69.4
125 13.8 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.136 min Scan# 4743
Delta R.T. 0.006 min
Lab File: BN030247.D
Acq: 04 Mar 2024 09:12

Tgt Ion:252 Resp: 4902
Ion Ratio Lower Upper
252 100
253 34.4 28.0 42.0
125 13.8 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.426 ng/ul

RT: 23.701 min Scan# 4934

Delta R.T. 0.006 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

Instrument :

BNA_N

ClientSampleId :

SLCS339

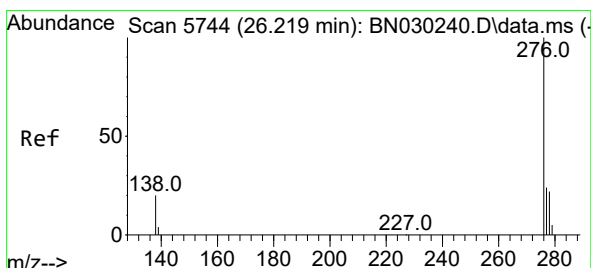
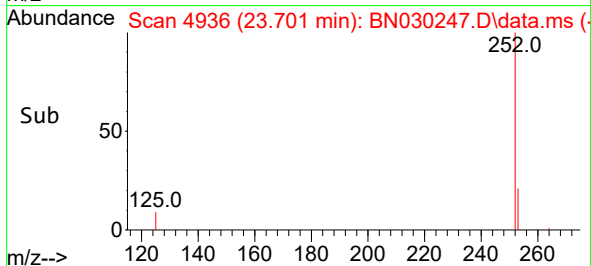
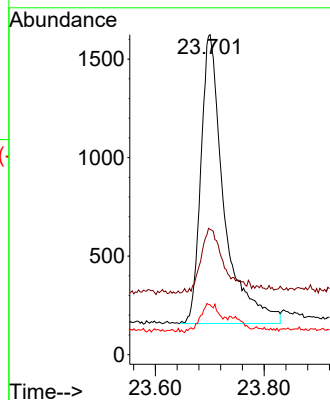
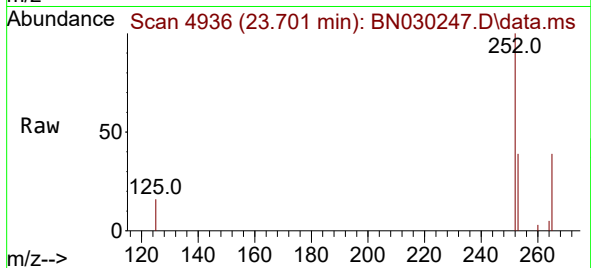
Tgt Ion:252 Resp: 4322

Ion Ratio Lower Upper

252 100

253 39.2 33.0 49.4

125 15.6 16.9 25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 26.239 min Scan# 5750

Delta R.T. 0.020 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

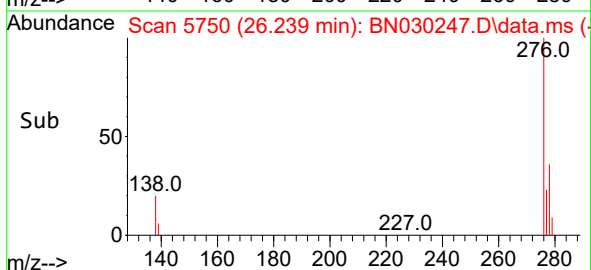
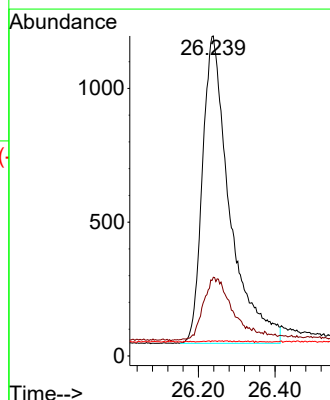
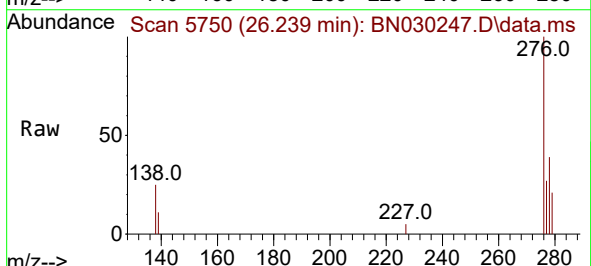
Tgt Ion:276 Resp: 5679

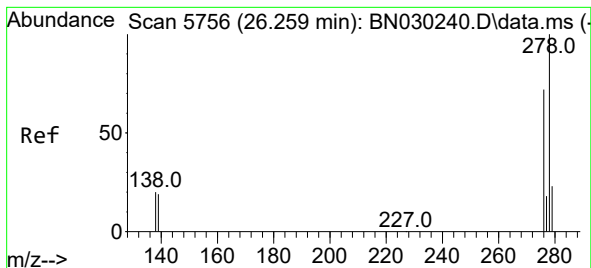
Ion Ratio Lower Upper

276 100

138 23.9 20.9 31.3

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.442 ng/ul

RT: 26.272 min Scan# 51

Delta R.T. 0.014 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

Instrument :

BNA_N

ClientSampleId :

SLCS339

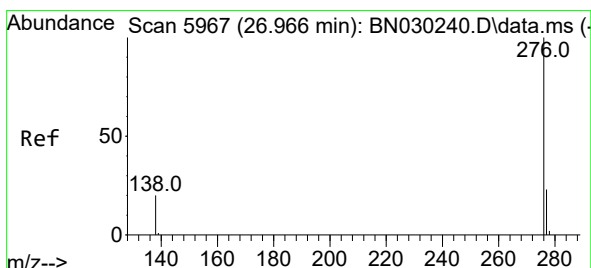
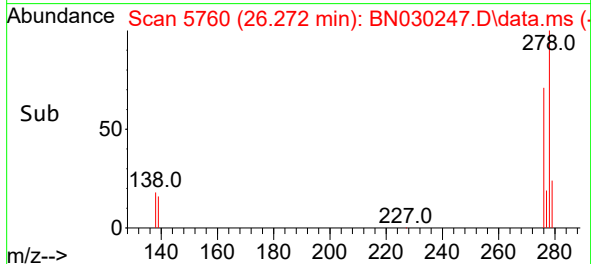
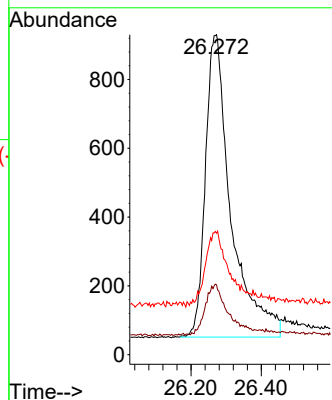
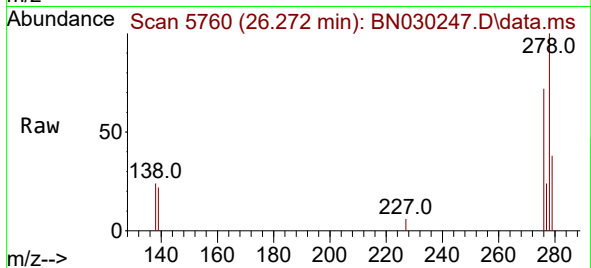
Tgt Ion:278 Resp: 4432

Ion Ratio Lower Upper

278 100

139 21.8 18.9 28.3

279 38.0 31.8 47.6



#29

Benzo(g,h,i)perylene

Concen: 0.423 ng/ul

RT: 26.973 min Scan# 5969

Delta R.T. 0.007 min

Lab File: BN030247.D

Acq: 04 Mar 2024 09:12

Tgt Ion:276 Resp: 5084

Ion Ratio Lower Upper

276 100

138 21.9 22.6 33.8#

277 26.1 21.9 32.9

