

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032300.D
 Acq On : 28 Jun 2024 03:19
 Operator : MA/JU
 Sample : PB161615BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS615

Quant Time: Jun 28 04:00:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

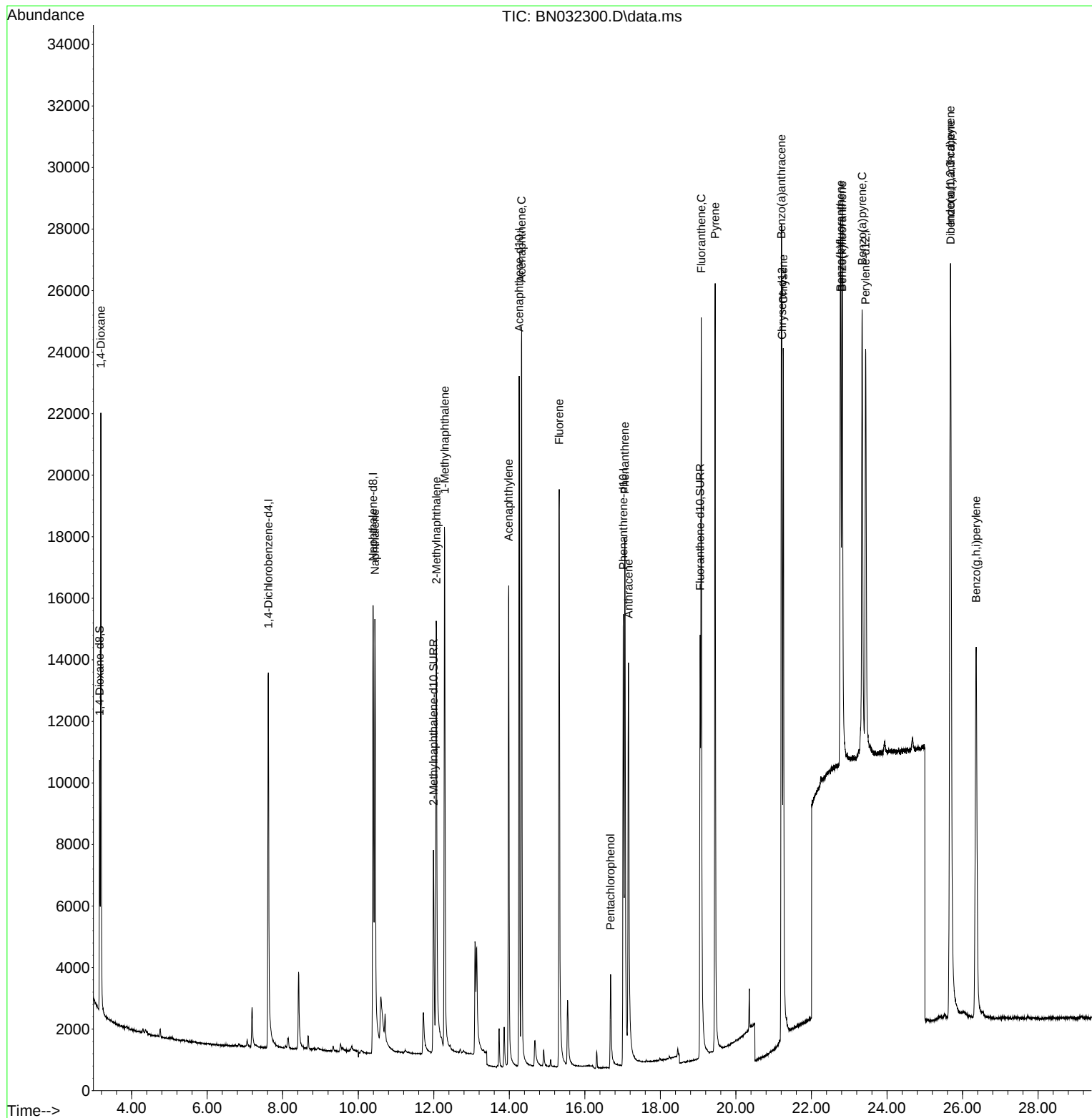
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	24531	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.020	188	22640	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	16594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.436	264	19625	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5376	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	11719	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	18102	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.186	88	13691	1.397	ng/ul#	90
5) Naphthalene	10.442	128	22401	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.070	142	13900	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.290	142	13675	0.306	ng/ul	100
10) Acenaphthylene	13.985	152	20502	0.374	ng/ul	100
11) Acenaphthene	14.327	153	15133	0.356	ng/ul	100
12) Fluorene	15.322	166	15476	0.305	ng/ul	99
14) Pentachlorophenol	16.683	266	3184	0.622	ng/ul	100
15) Phenanthrene	17.058	178	21611	0.348	ng/ul	99
16) Anthracene	17.155	178	20028	0.362	ng/ul	98
19) Fluoranthene	19.083	202	23550	0.373	ng/ul	97
20) Pyrene	19.450	202	24324	0.368	ng/ul	99
21) Benzo(a)anthracene	21.203	228	22636	0.378	ng/ul	99
22) Chrysene	21.255	228	24049	0.366	ng/ul	98
24) Benzo(b)fluoranthene	22.772	252	24862	0.292	ng/ul	90
25) Benzo(k)fluoranthene	22.816	252	26181	0.316	ng/ul#	90
26) Benzo(a)pyrene	23.342	252	24152	0.407	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.680	276	33185	0.357	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.686	278	25945	0.376	ng/ul	94
29) Benzo(g,h,i)perylene	26.361	276	27315	0.369	ng/ul	96

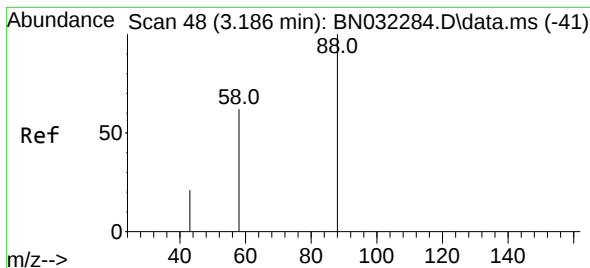
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.397 ng/ul

RT: 3.186 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN032300.D

Acq: 28 Jun 2024 03:19

Instrument :

BNA_N

ClientSampleId :

SLCS615

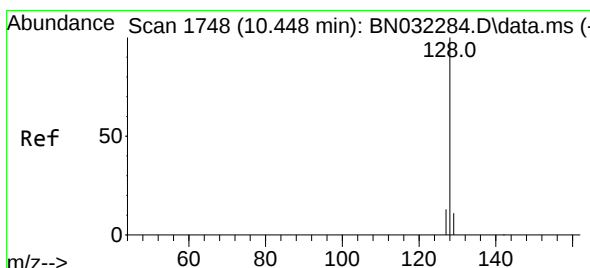
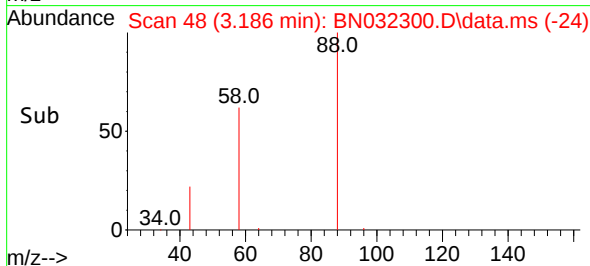
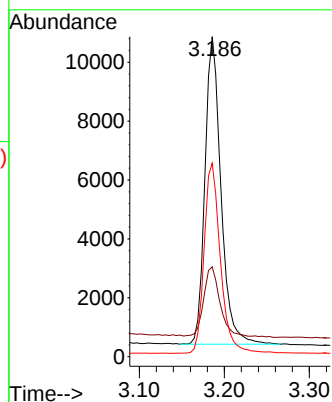
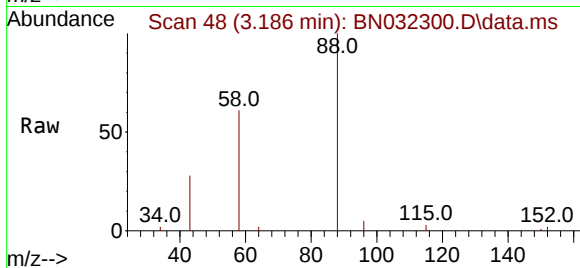
Tgt Ion: 88 Resp: 13691

Ion Ratio Lower Upper

88 100

43 28.1 28.4 42.6#

58 60.5 43.3 64.9



#5

Naphthalene

Concen: 0.345 ng/ul

RT: 10.442 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BN032300.D

Acq: 28 Jun 2024 03:19

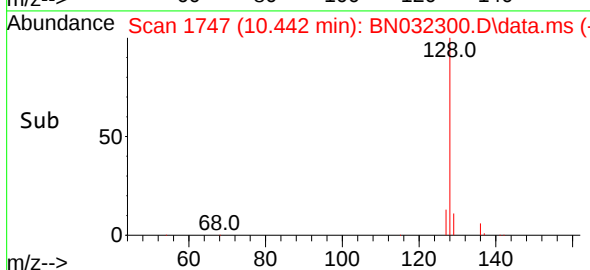
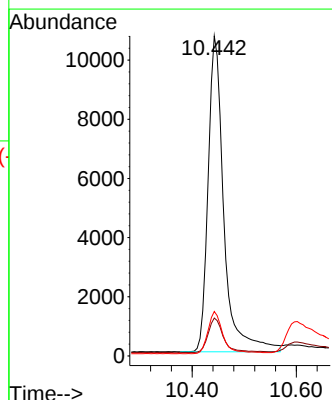
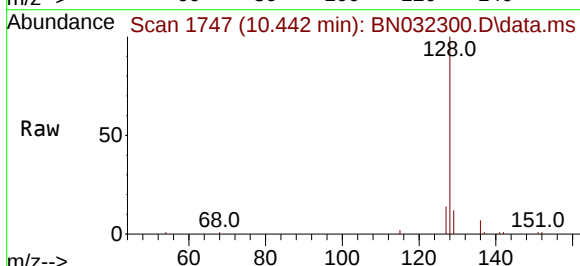
Tgt Ion:128 Resp: 22401

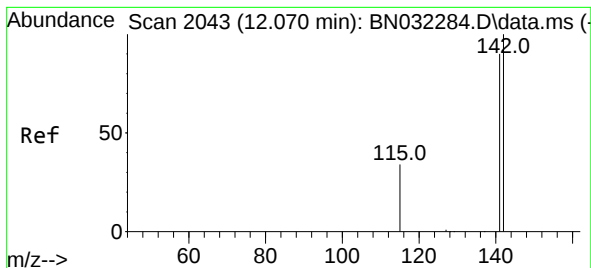
Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 13.9 10.8 16.2

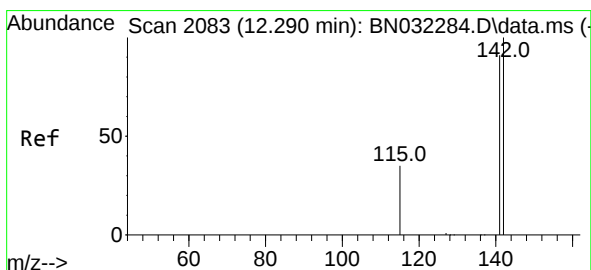
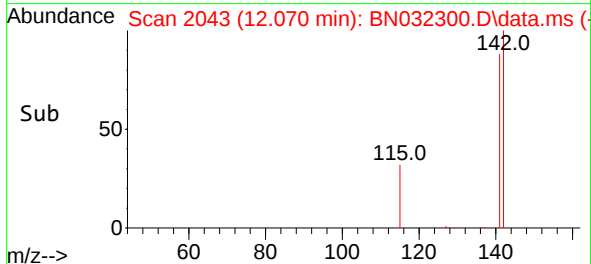
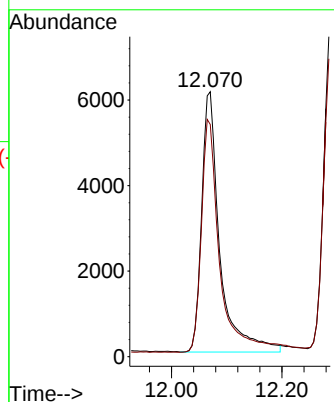
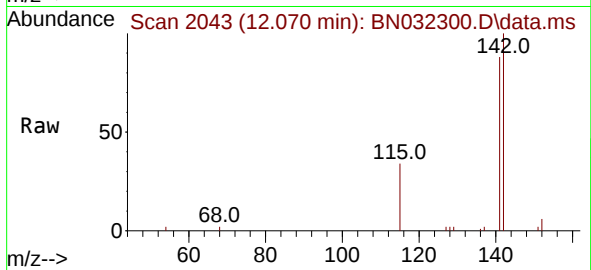




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

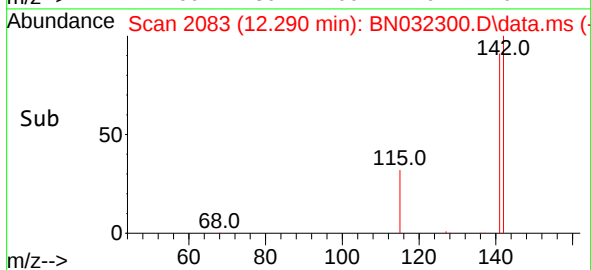
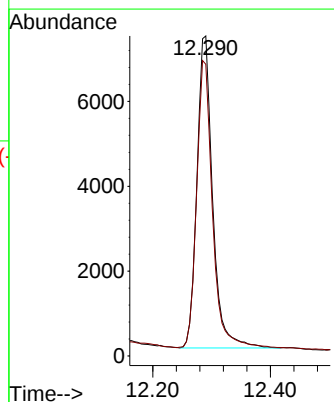
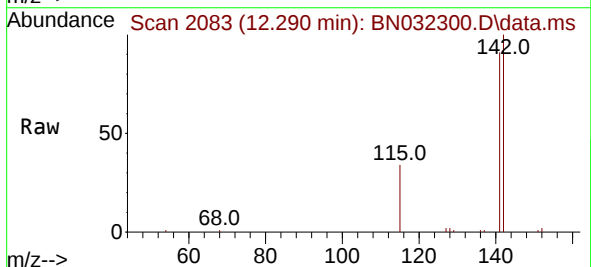
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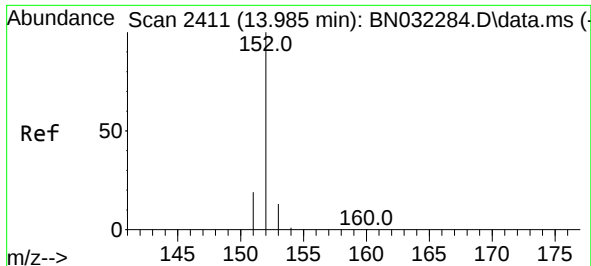
Tgt Ion:142 Resp: 13900
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:142 Resp: 13675
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

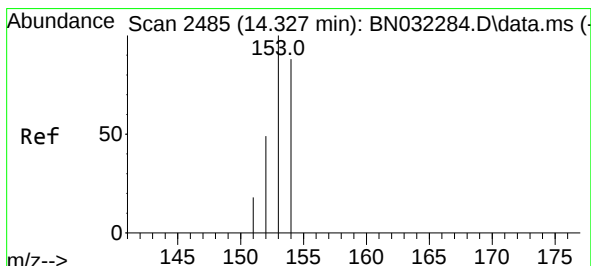
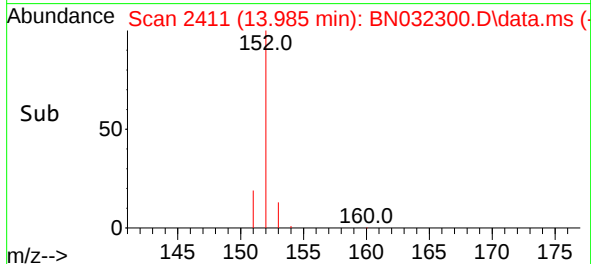
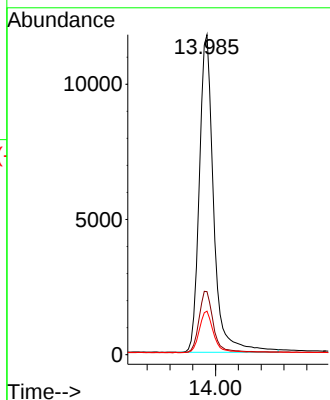
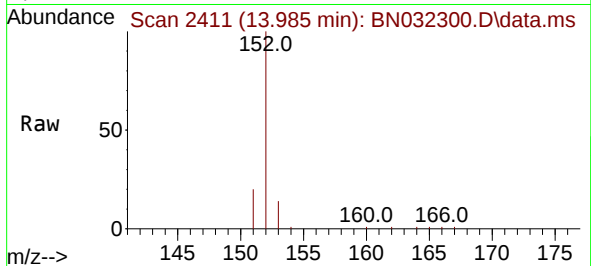




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

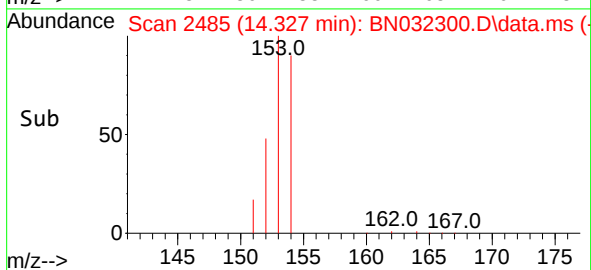
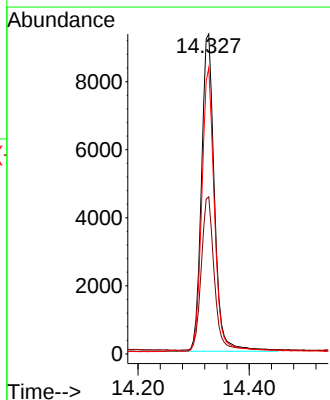
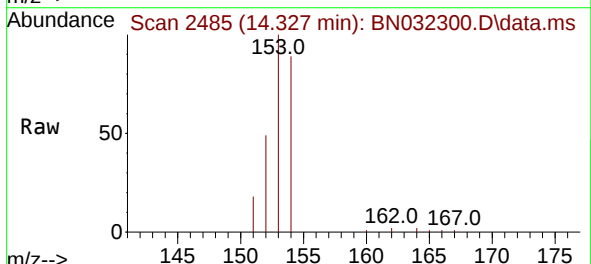
Instrument :
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ClientSampleId :
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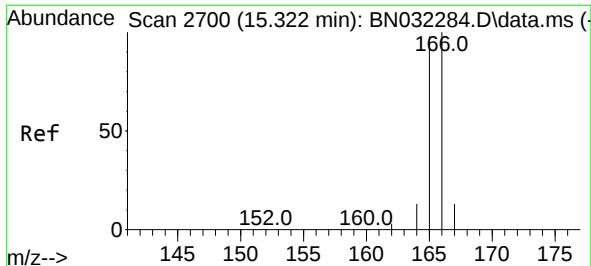
Tgt Ion:	152	Resp:	20502
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.7	23.5
153	13.6	10.9	16.3



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:	153	Resp:	15133
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.5	59.3
154	89.4	71.7	107.5

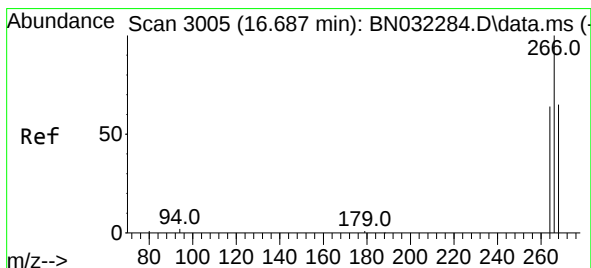
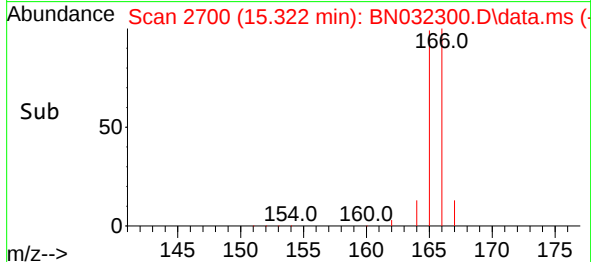
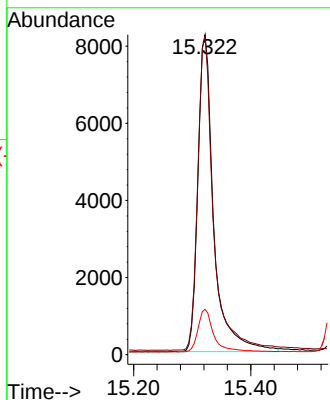
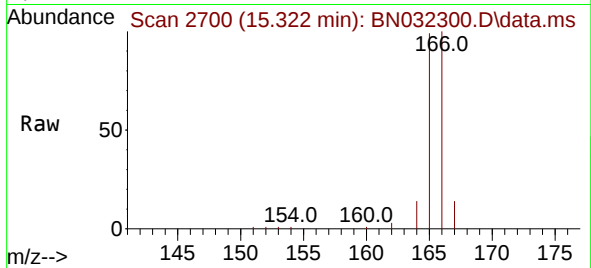




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.322 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

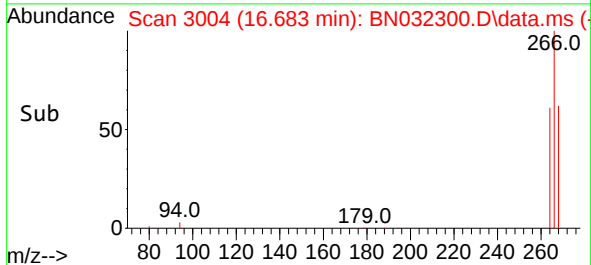
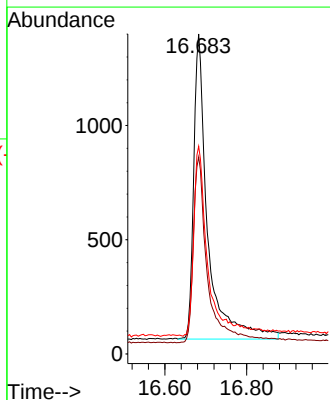
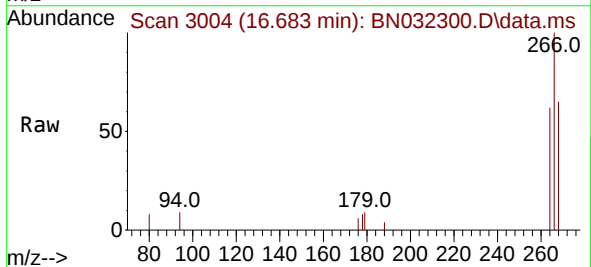
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ClientSampleId :
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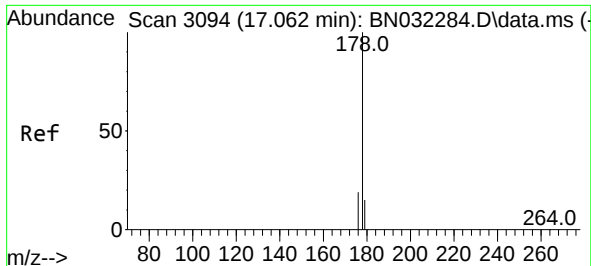
Tgt Ion:166 Resp: 15476
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.1 11.0 16.6



#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 16.683 min Scan# 3004
Delta R.T. -0.017 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:266 Resp: 3184
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 65.1 52.4 78.6

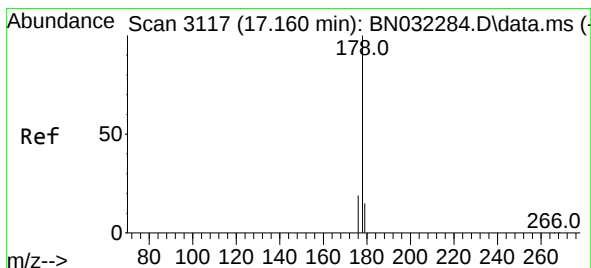
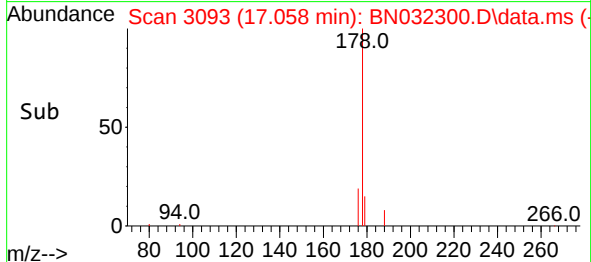
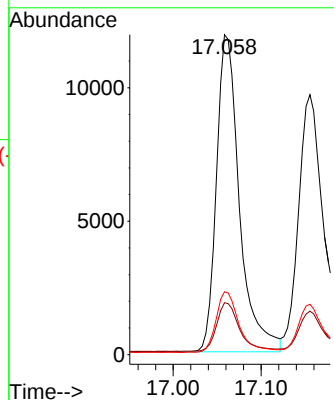
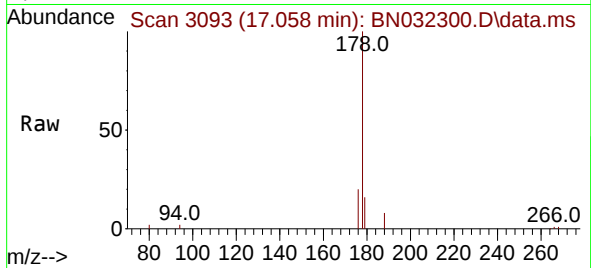




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.008 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

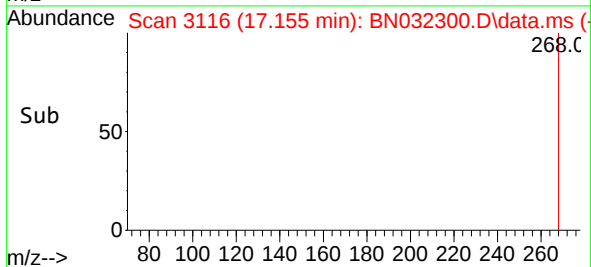
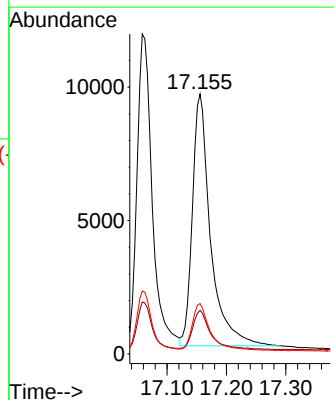
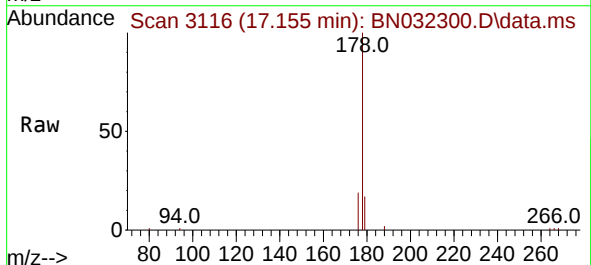
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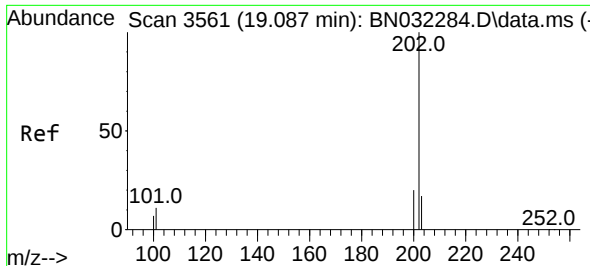
Tgt Ion:178 Resp: 21611
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.155 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:178 Resp: 20028
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 19.4 15.0 22.6

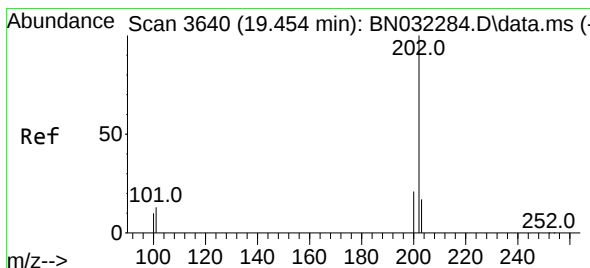
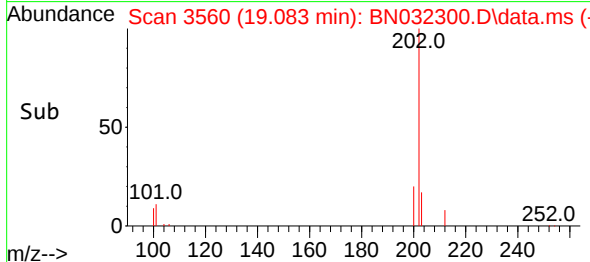
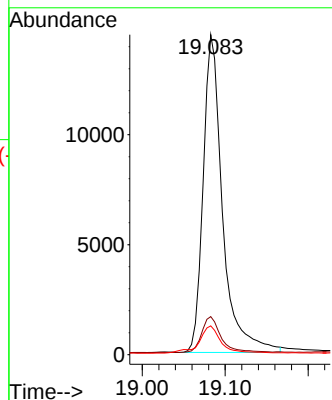
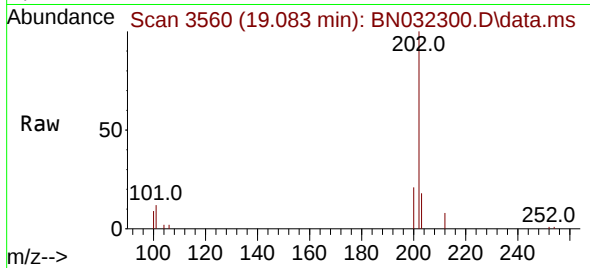




#19
Fluoranthene
Concen: 0.373 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

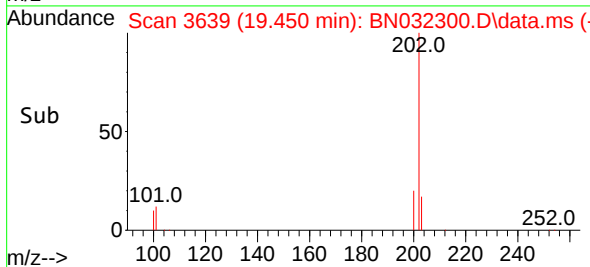
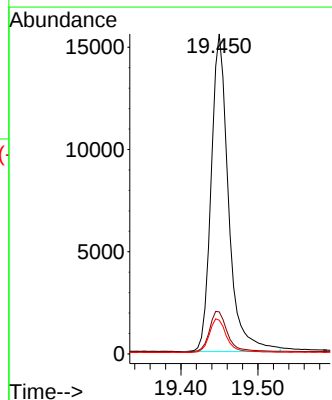
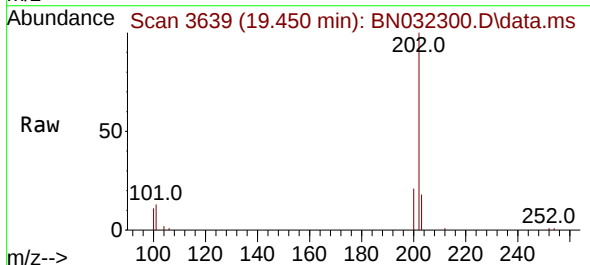
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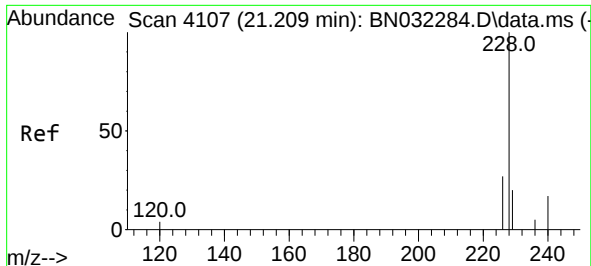
Tgt Ion:202 Resp: 23550
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 9.0 6.4 9.6



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:202 Resp: 24324
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.6 8.7 13.1

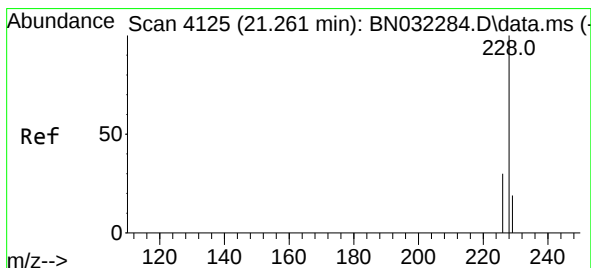
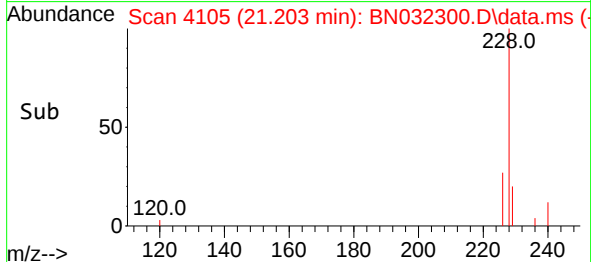
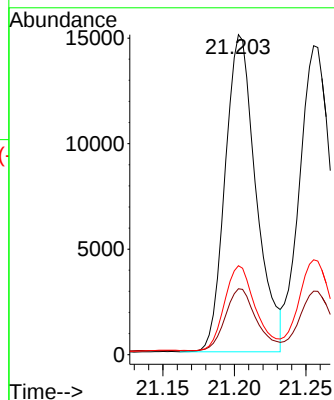
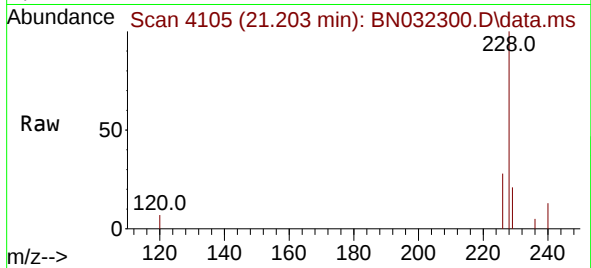




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

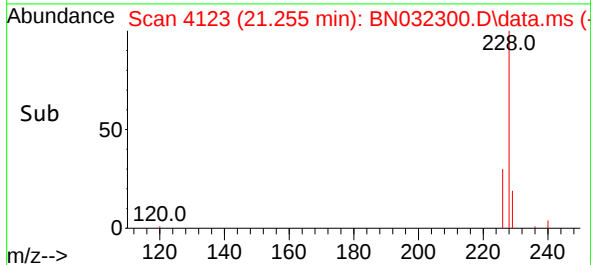
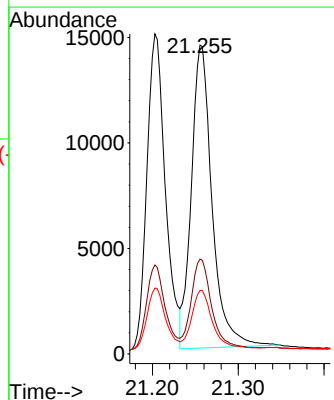
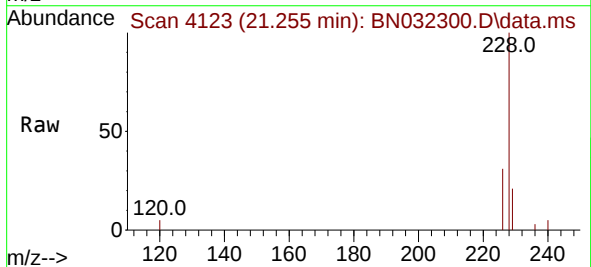
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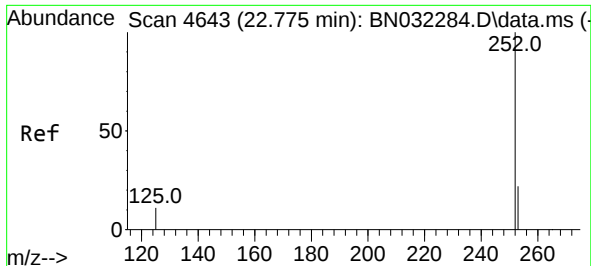
Tgt Ion:228 Resp: 22636
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:228 Resp: 24049
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 20.5 15.7 23.5

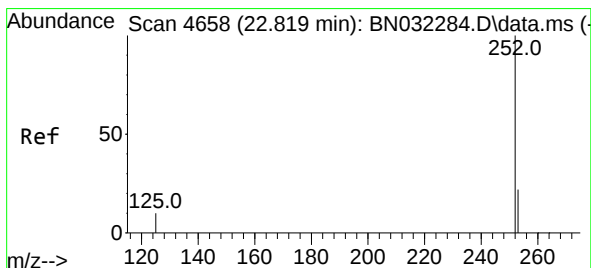
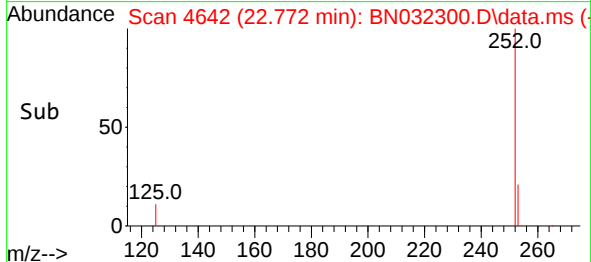
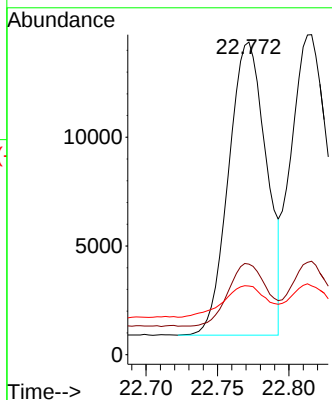
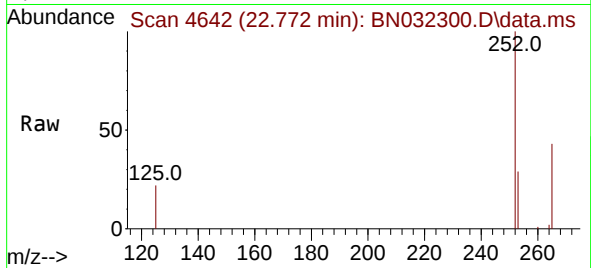




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 22.772 min Scan# 4642
Delta R.T. -0.012 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

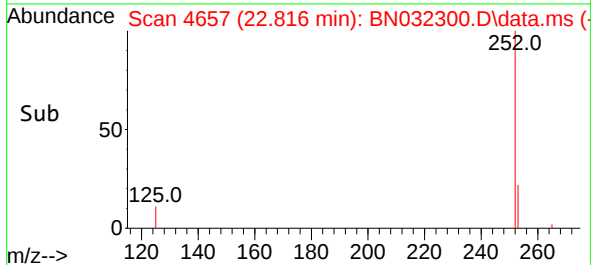
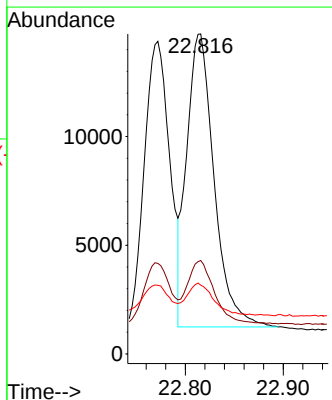
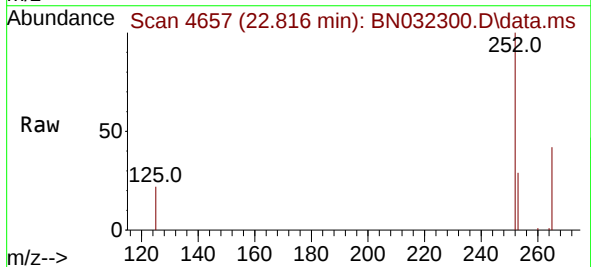
Instrument :
BNA_N
ClientSampleId :
SLCS615

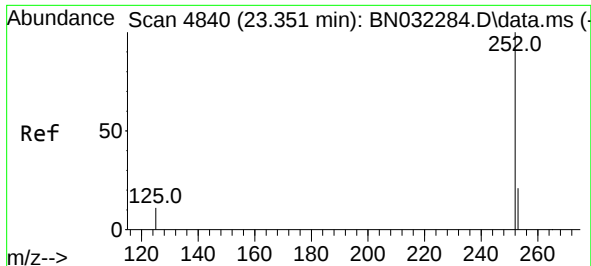
Tgt Ion:252 Resp: 24862
Ion Ratio Lower Upper
252 100
253 29.0 0.0 50.2
125 22.0 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 22.816 min Scan# 4657
Delta R.T. -0.012 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:252 Resp: 26181
Ion Ratio Lower Upper
252 100
253 29.2 20.3 30.5
125 21.5 12.8 19.2#

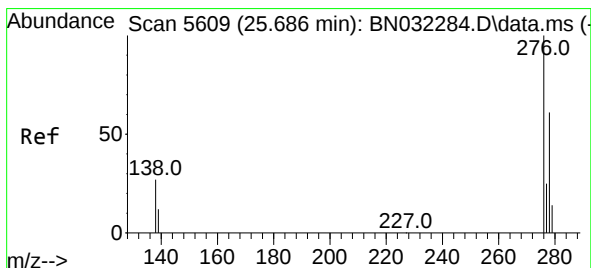
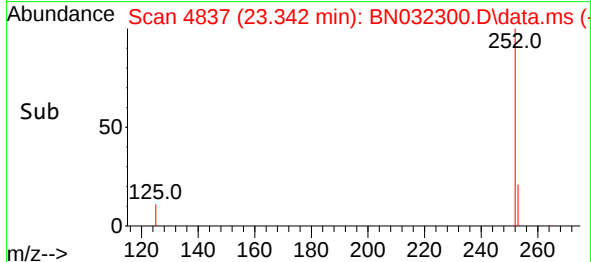
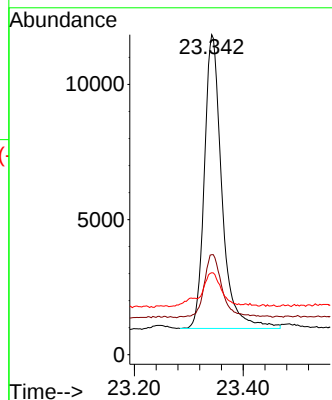
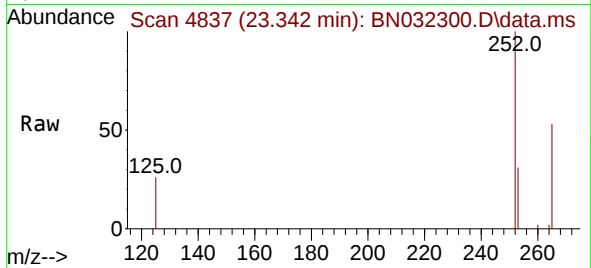




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.342 min Scan# 4837
Delta R.T. -0.018 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

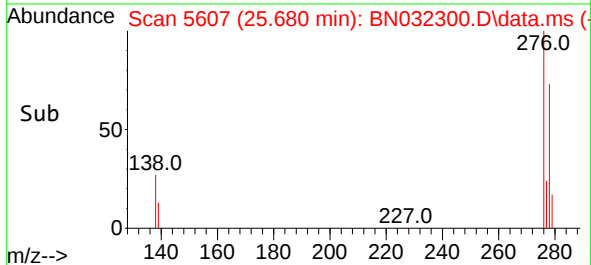
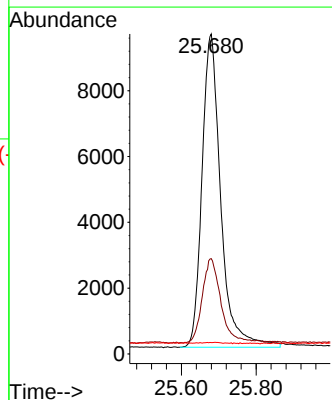
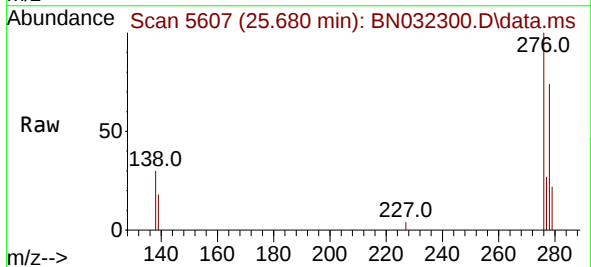
Instrument :
BNA_N
ClientSampleId :
SLCS615

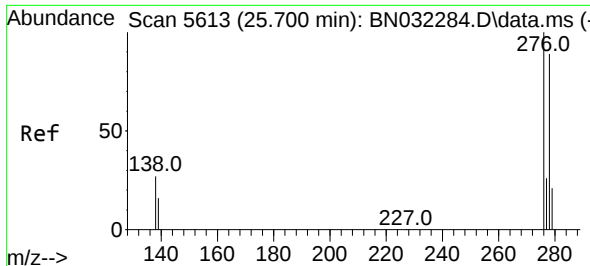
Tgt Ion:252 Resp: 24152
Ion Ratio Lower Upper
252 100
253 31.2 22.2 33.2
125 25.6 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.020 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

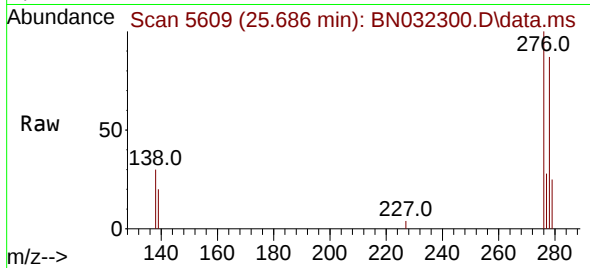
Tgt Ion:276 Resp: 33185
Ion Ratio Lower Upper
276 100
138 27.3 21.3 31.9
227 0.3 0.1 0.1#



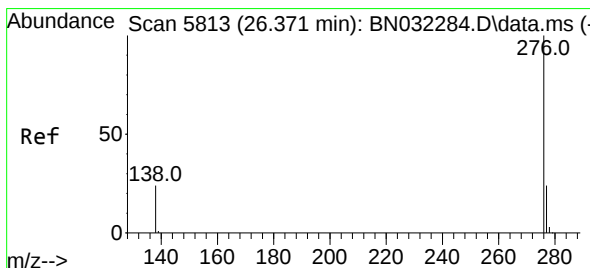
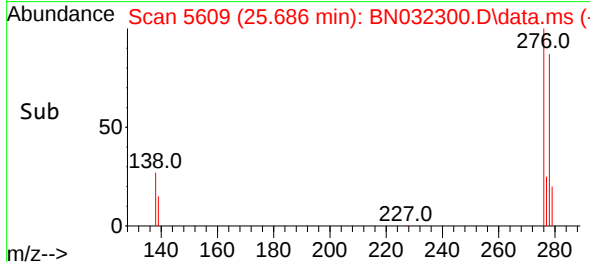
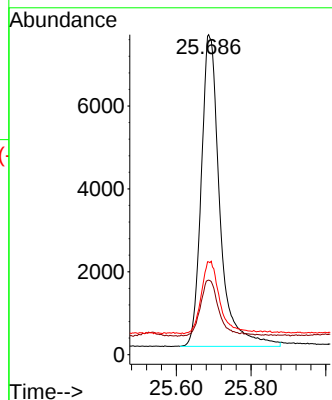


#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 25.686 min Scan# 5609
Delta R.T. -0.024 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Instrument :
BNA_N
ClientSampleId :
SLCS615



Tgt Ion:278 Resp: 25945
Ion Ratio Lower Upper
278 100
139 23.3 15.9 23.9
279 29.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032300.D
Acq: 28 Jun 2024 03:19

Tgt Ion:276 Resp: 27315
Ion Ratio Lower Upper
276 100
138 26.4 19.8 29.6
277 26.8 19.8 29.6

