

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032312.D
 Acq On : 28 Jun 2024 14:01
 Operator : MA/JU
 Sample : PB161558BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS558

Quant Time: Jun 28 15:13:33 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

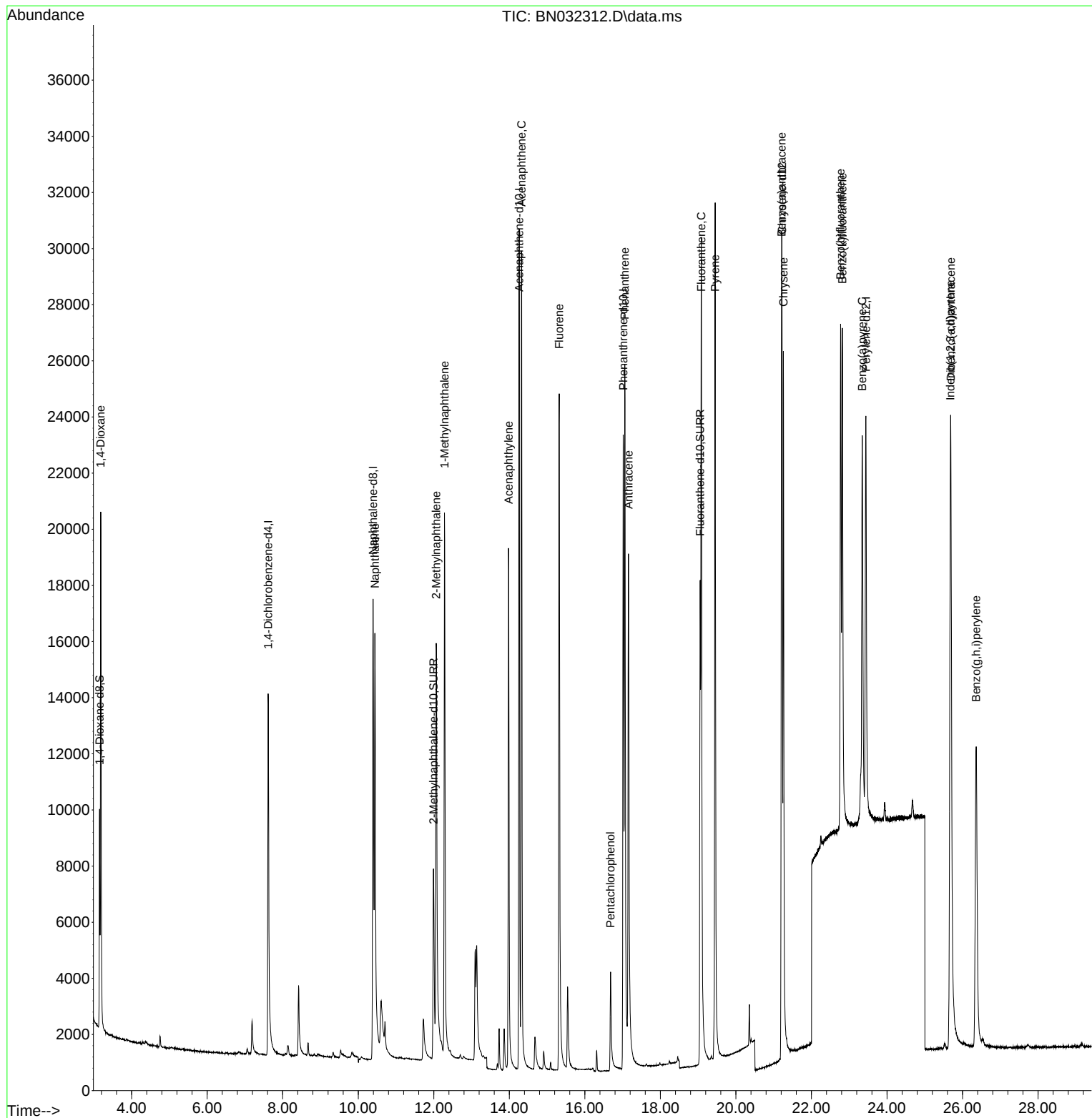
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	29093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	17892	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	35736	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	19975	0.400	ng/ul	0.00
23) Perylene-d12	23.441	264	21517	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5401	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	13577	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	23802	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	13586	1.260	ng/ul#	88
5) Naphthalene	10.442	128	24529	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.065	142	15847	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	15574	0.294	ng/ul	99
10) Acenaphthylene	13.980	152	24710	0.332	ng/ul	100
11) Acenaphthene	14.322	153	18676	0.323	ng/ul	98
12) Fluorene	15.322	166	20296	0.295	ng/ul	100
14) Pentachlorophenol	16.682	266	3858	0.477	ng/ul	100
15) Phenanthrene	17.058	178	30543	0.312	ng/ul	100
16) Anthracene	17.155	178	27353	0.313	ng/ul	99
19) Fluoranthene	19.082	202	30606	0.402	ng/ul	97
20) Pyrene	19.450	202	30466	0.383	ng/ul	100
21) Benzo(a)anthracene	21.208	228	23310	0.323	ng/ul	99
22) Chrysene	21.258	228	25486	0.322	ng/ul	99
24) Benzo(b)fluoranthene	22.772	252	24054	0.257	ng/ul	93
25) Benzo(k)fluoranthene	22.819	252	26112	0.287	ng/ul#	93
26) Benzo(a)pyrene	23.345	252	23596	0.363	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.680	276	31881	0.313	ng/ul	99
28) Dibenzo(a,h)anthracene	25.690	278	24864	0.329	ng/ul	97
29) Benzo(g,h,i)perylene	26.360	276	26565	0.327	ng/ul	97

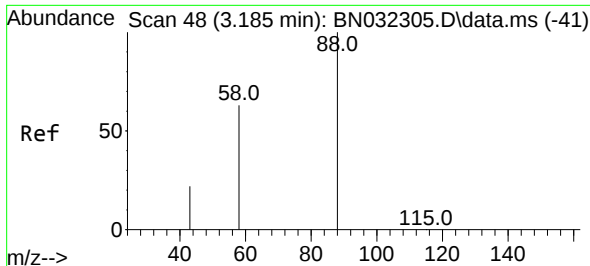
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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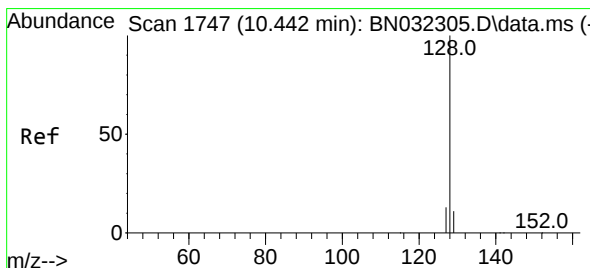
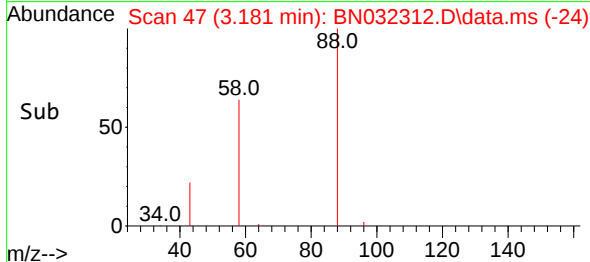
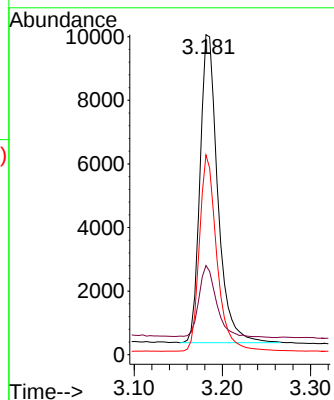
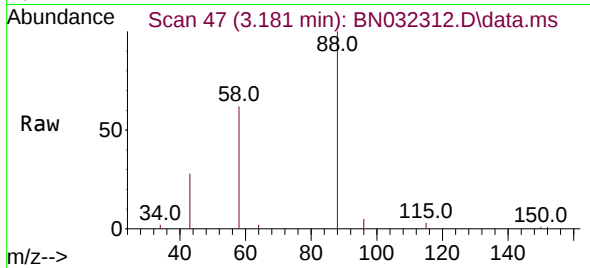




#2
1,4-Dioxane
Concen: 1.260 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

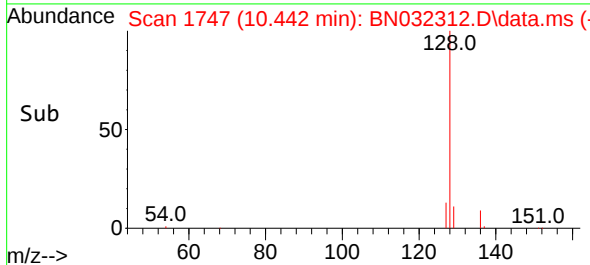
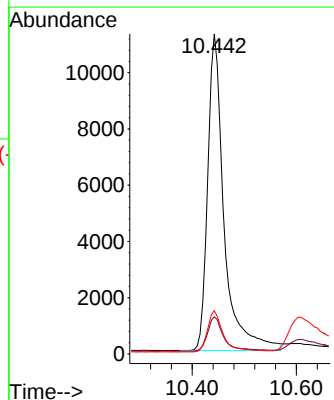
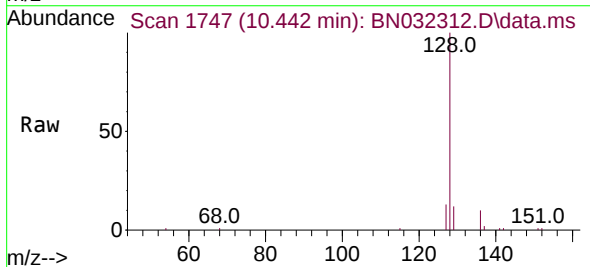
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BNA_N
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SLCS558

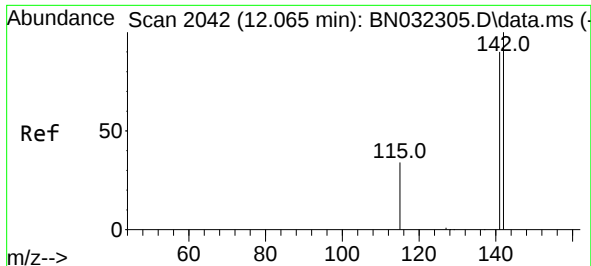
Tgt Ion: 88 Resp: 13586
Ion Ratio Lower Upper
88 100
43 27.8 28.4 42.6#
58 62.4 43.3 64.9



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:128 Resp: 24529
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 10.8 16.2

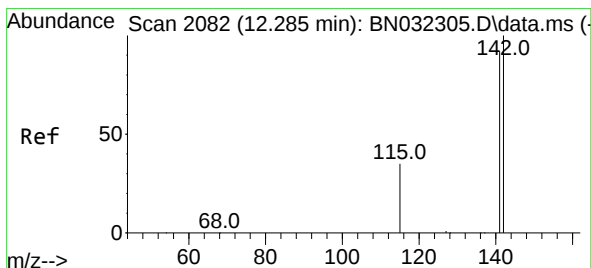
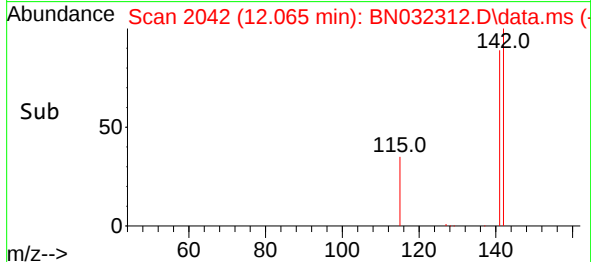
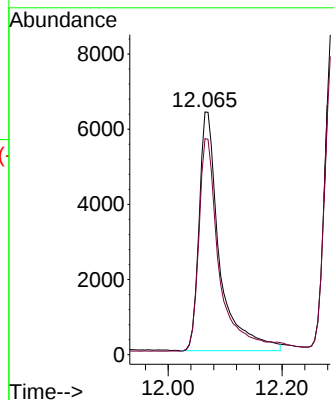
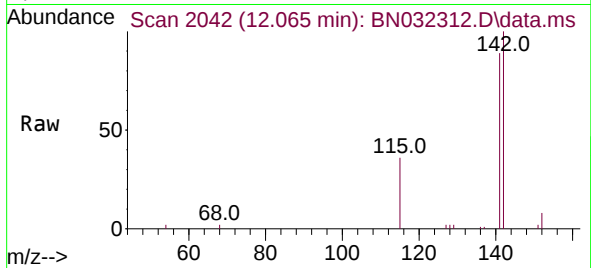




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

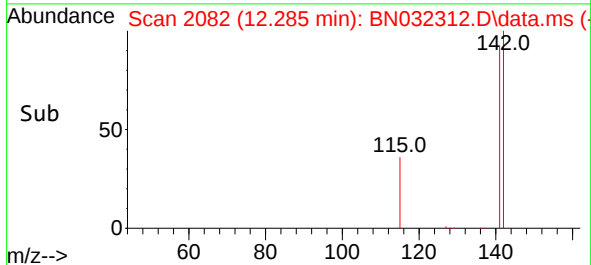
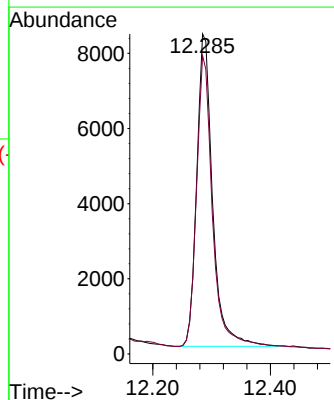
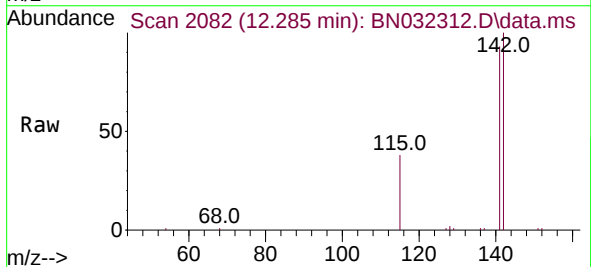
Instrument :
BNA_N
ClientSampleId :
SLCS558

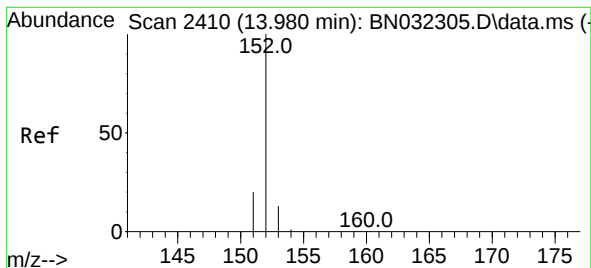
Tgt Ion:142 Resp: 15847
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:142 Resp: 15574
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0





#10

Acenaphthylene

Concen: 0.332 ng/ul

RT: 13.980 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN032312.D

Acq: 28 Jun 2024 14:01

Instrument :

BNA_N

ClientSampleId :

SLCS558

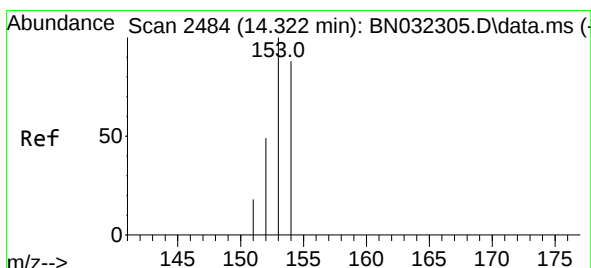
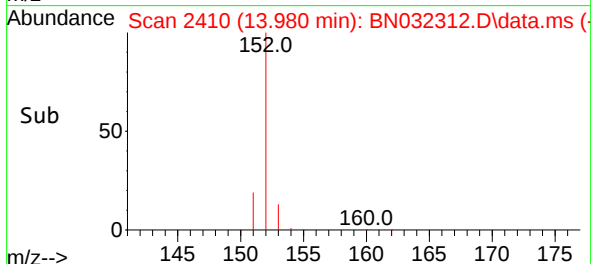
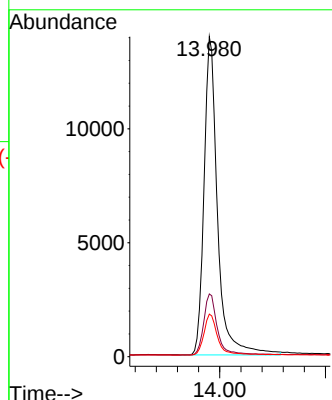
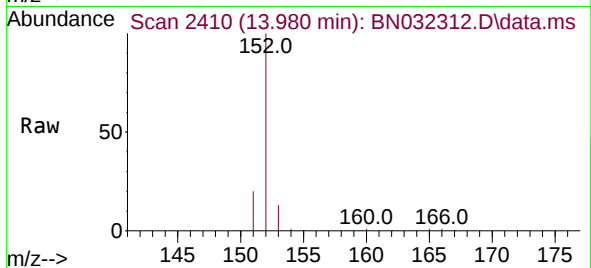
Tgt Ion:152 Resp: 24710

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.3 10.9 16.3



#11

Acenaphthene

Concen: 0.323 ng/ul

RT: 14.322 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN032312.D

Acq: 28 Jun 2024 14:01

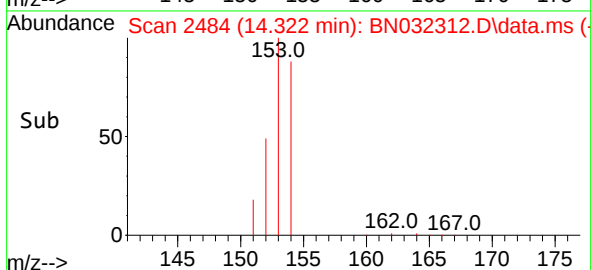
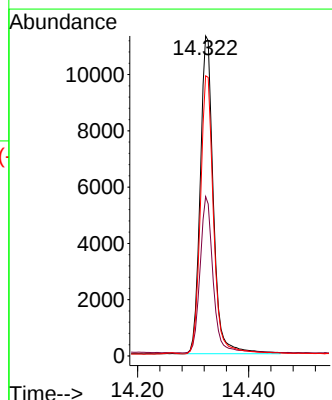
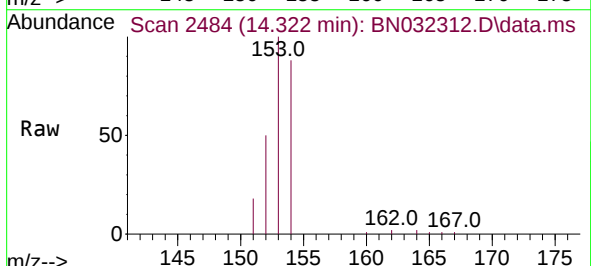
Tgt Ion:153 Resp: 18676

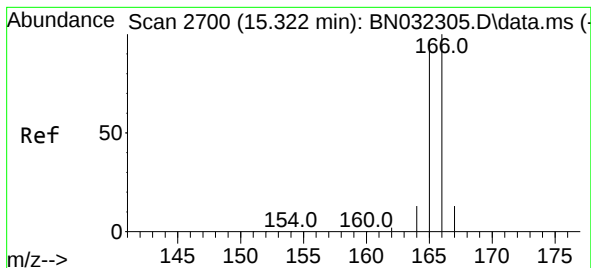
Ion Ratio Lower Upper

153 100

152 49.8 39.5 59.3

154 87.6 71.7 107.5





#12

Fluorene

Concen: 0.295 ng/ul

RT: 15.322 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN032312.D

Acq: 28 Jun 2024 14:01

Instrument :

BNA_N

ClientSampleId :

SLCS558

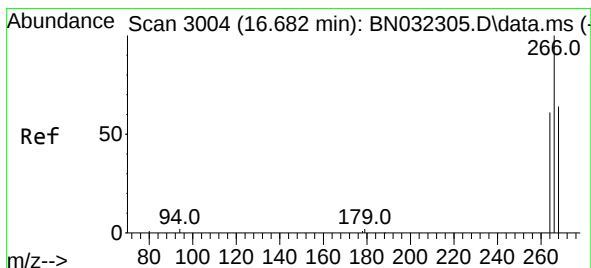
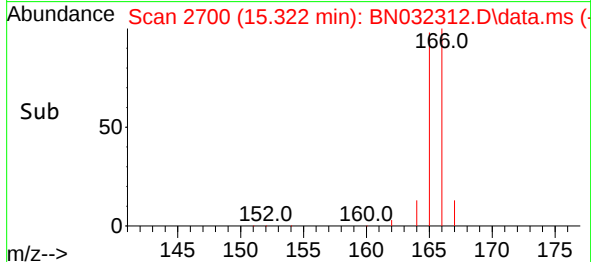
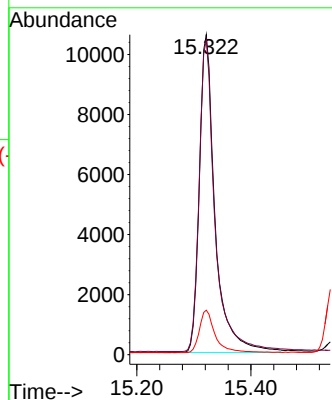
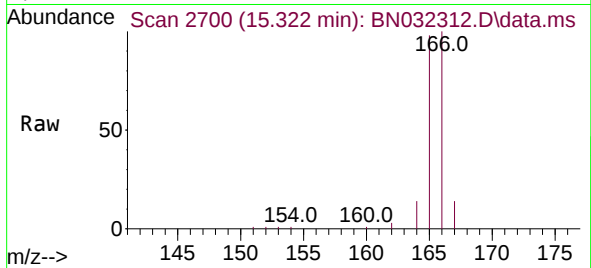
Tgt Ion:166 Resp: 20296

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.6

167 13.9 11.0 16.6



#14

Pentachlorophenol

Concen: 0.477 ng/ul

RT: 16.682 min Scan# 3004

Delta R.T. -0.017 min

Lab File: BN032312.D

Acq: 28 Jun 2024 14:01

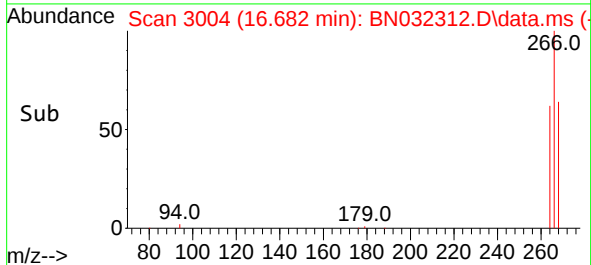
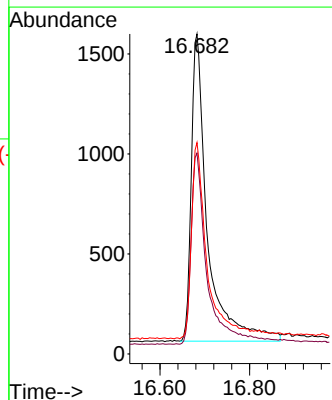
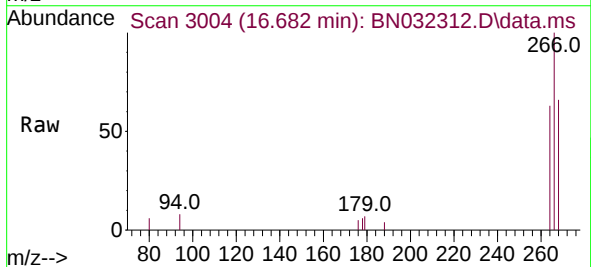
Tgt Ion:266 Resp: 3858

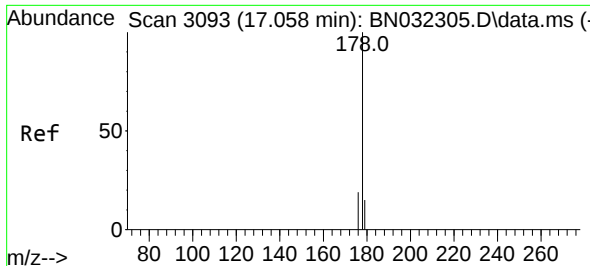
Ion Ratio Lower Upper

266 100

264 62.4 49.9 74.9

268 64.9 52.4 78.6

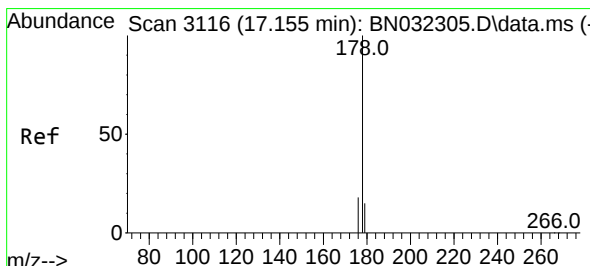
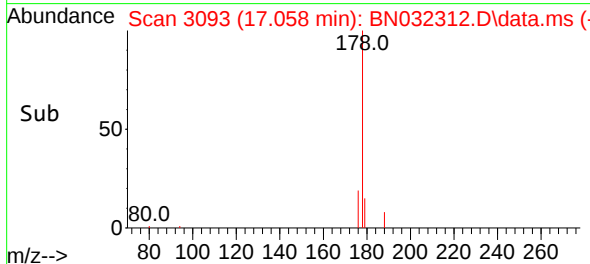
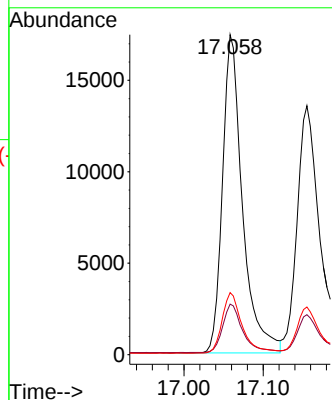
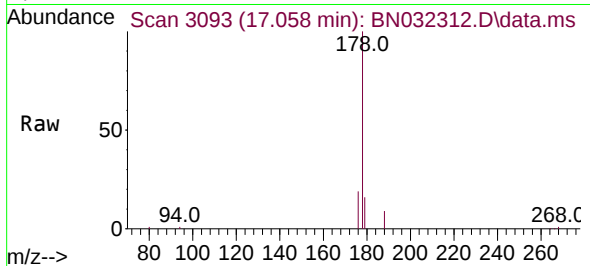




#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

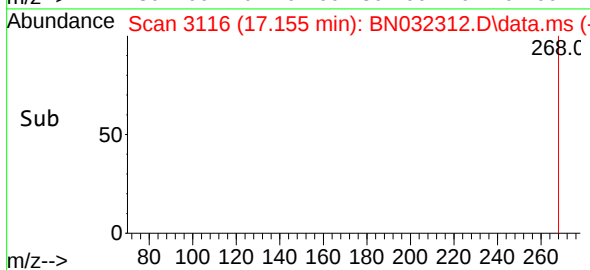
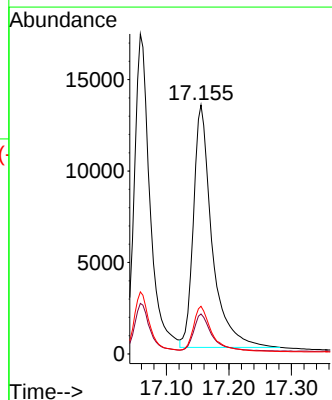
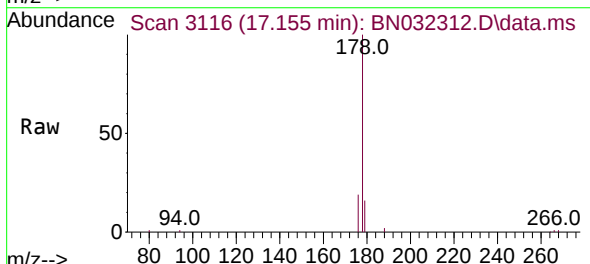
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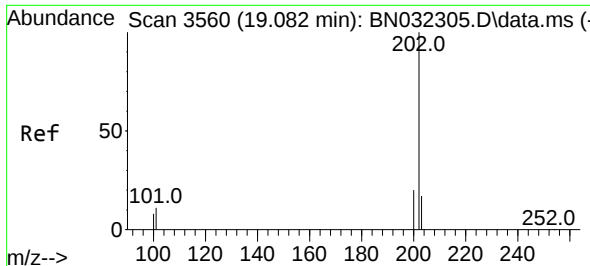
Tgt Ion:178 Resp: 30543
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.155 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:178 Resp: 27353
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.2 15.0 22.6

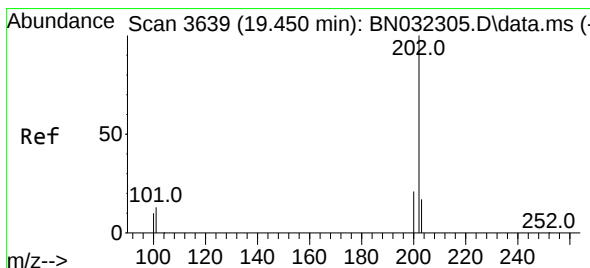
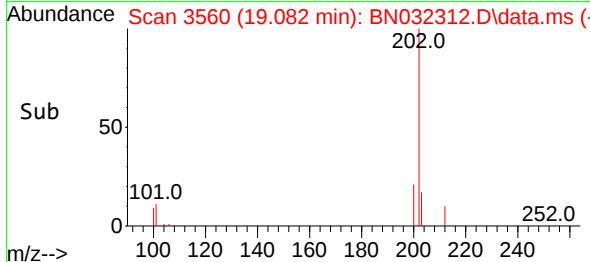
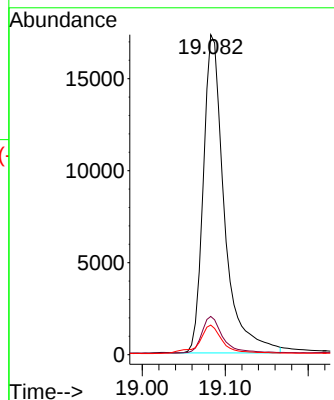
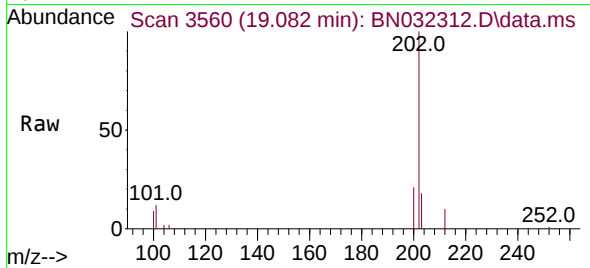




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.082 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

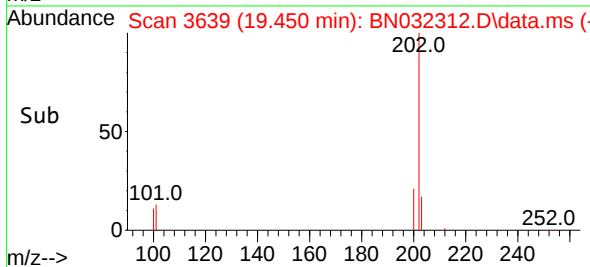
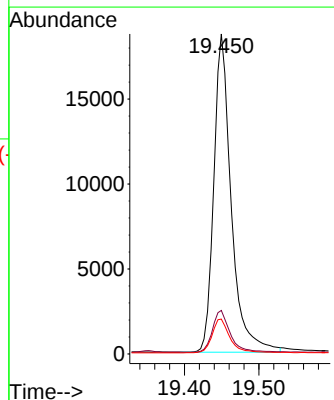
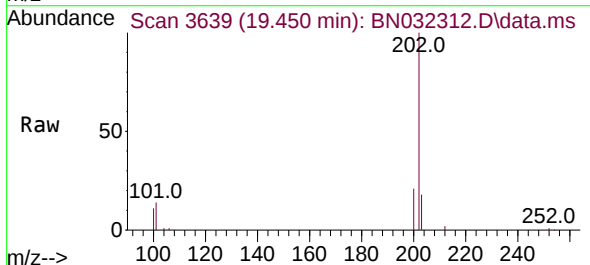
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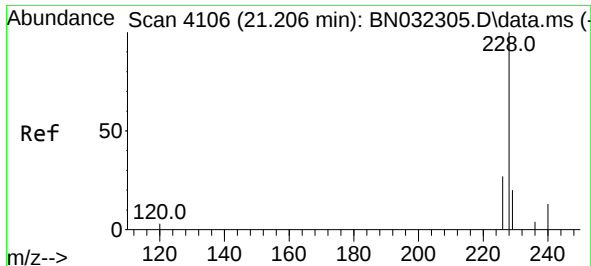
Tgt Ion:202 Resp: 30606
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.3 6.4 9.6



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:202 Resp: 30466
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 10.9 8.7 13.1

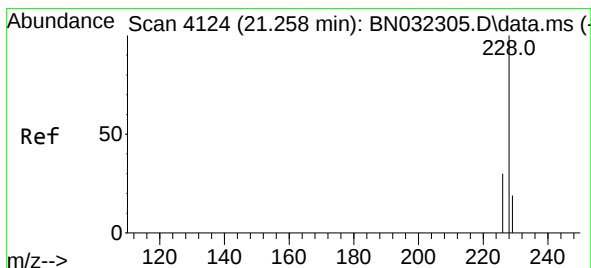
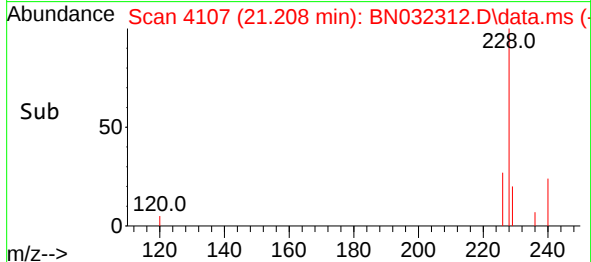
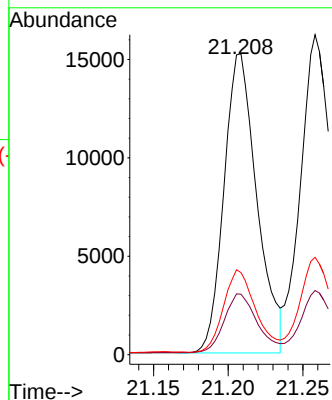
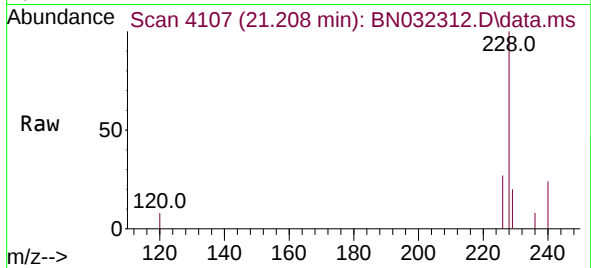




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.208 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

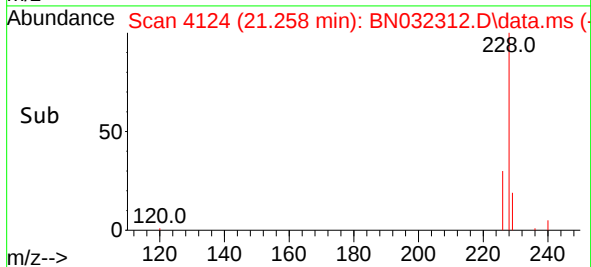
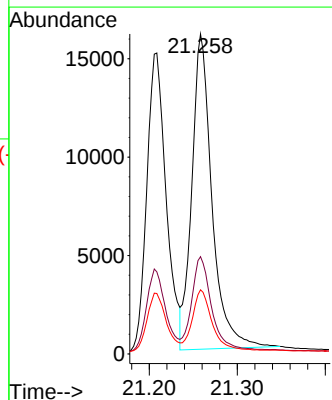
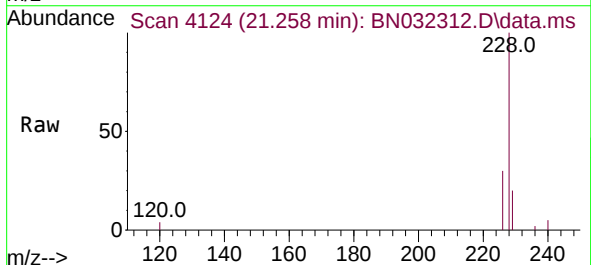
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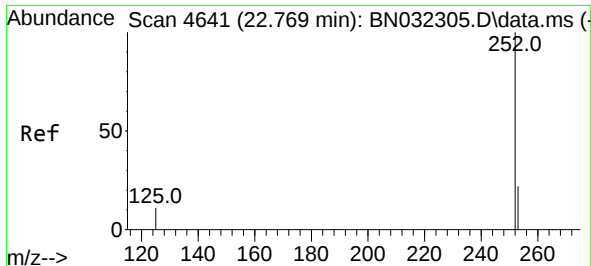
Tgt Ion:228 Resp: 23310
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.258 min Scan# 4124
Delta R.T. -0.009 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:228 Resp: 25486
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 20.1 15.7 23.5

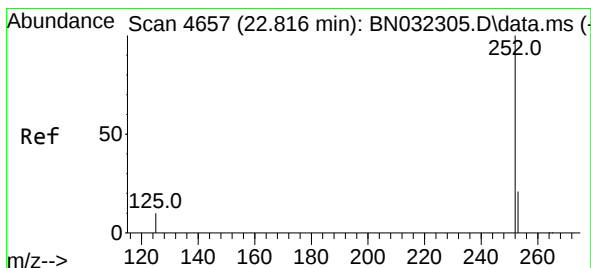
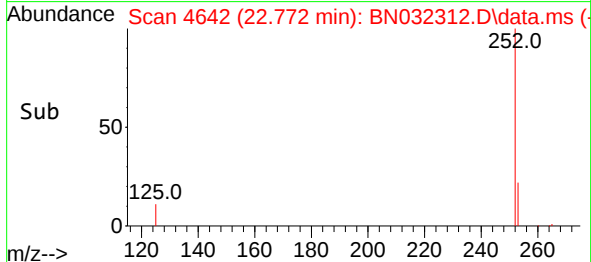
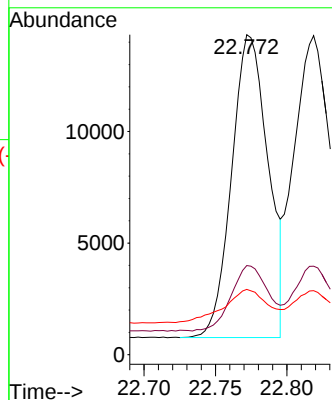
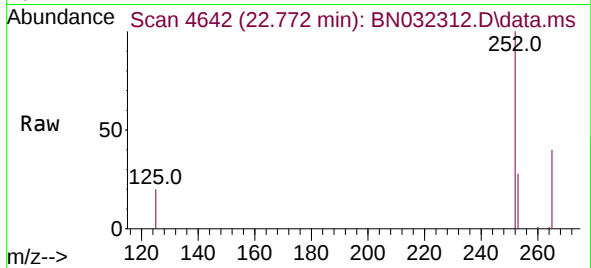




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 22.772 min Scan# 4642
Delta R.T. -0.012 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

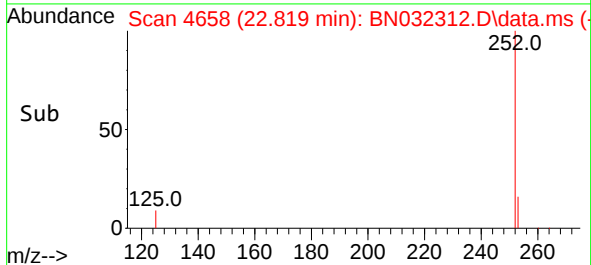
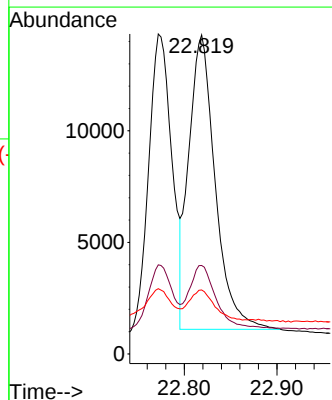
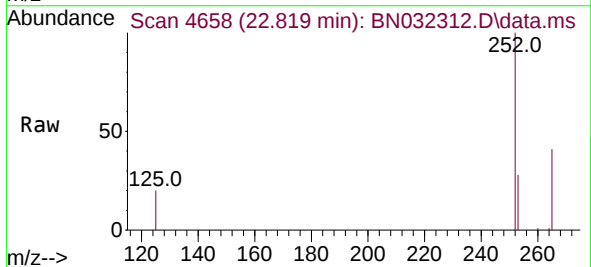
Instrument :
BNA_N
ClientSampleId :
SLCS558

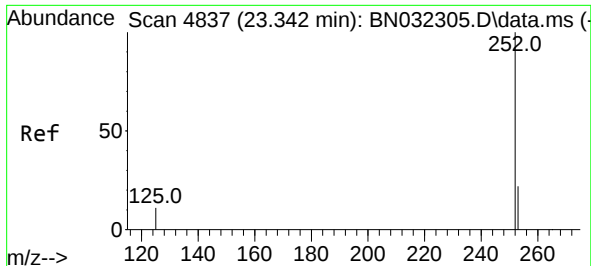
Tgt Ion:252 Resp: 24054
Ion Ratio Lower Upper
252 100
253 27.9 0.0 50.2
125 20.4 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul
RT: 22.819 min Scan# 4658
Delta R.T. -0.009 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:252 Resp: 26112
Ion Ratio Lower Upper
252 100
253 27.7 20.3 30.5
125 20.1 12.8 19.2#

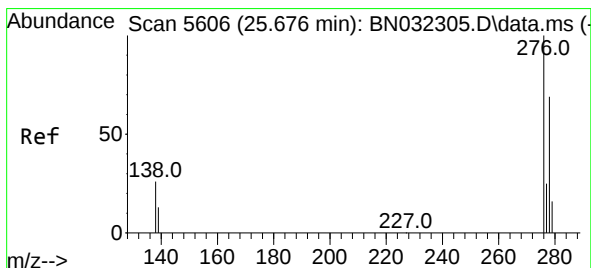
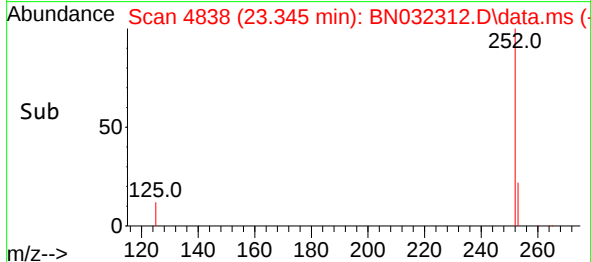
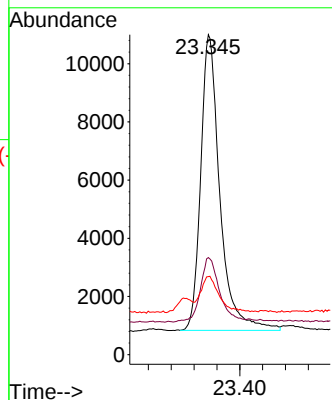
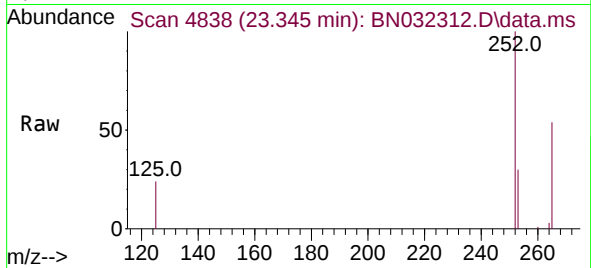




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.345 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

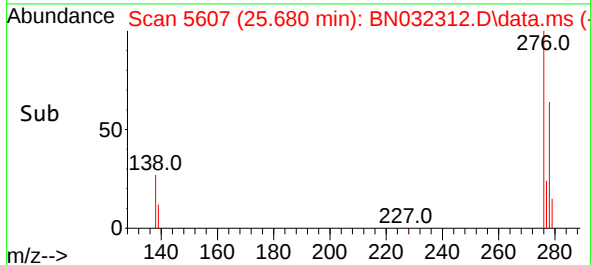
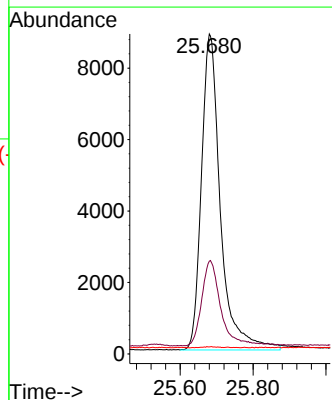
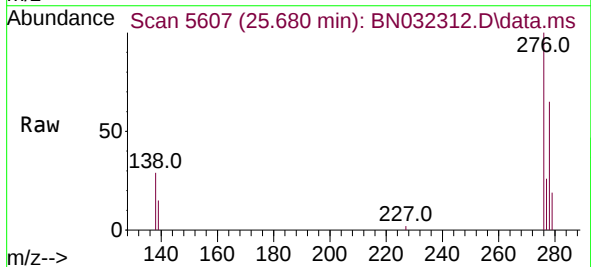
Instrument :
BNA_N
ClientSampleId :
SLCS558

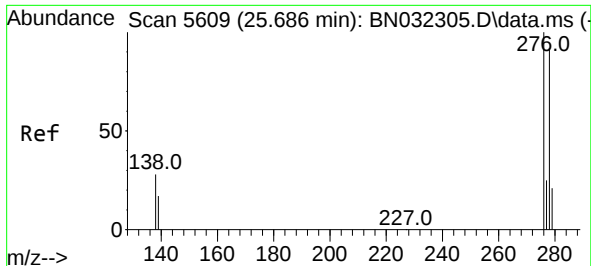
Tgt Ion:252 Resp: 23596
Ion Ratio Lower Upper
252 100
253 30.3 22.2 33.2
125 24.4 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.020 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:276 Resp: 31881
Ion Ratio Lower Upper
276 100
138 27.0 21.3 31.9
227 0.1 0.1 0.1

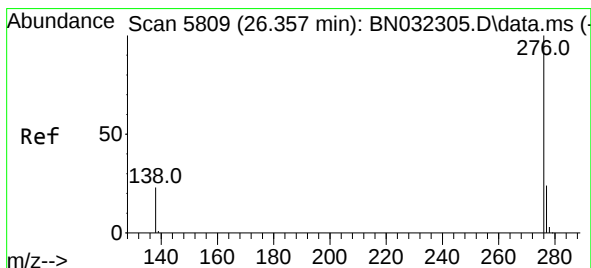
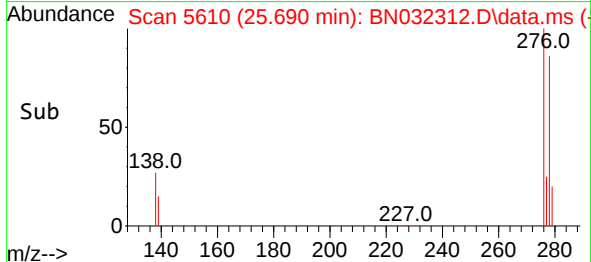
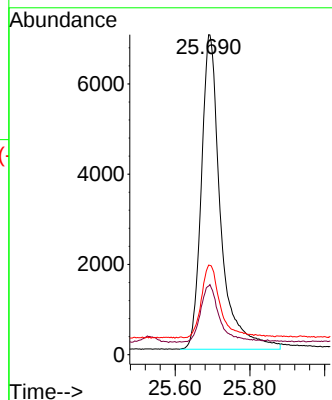
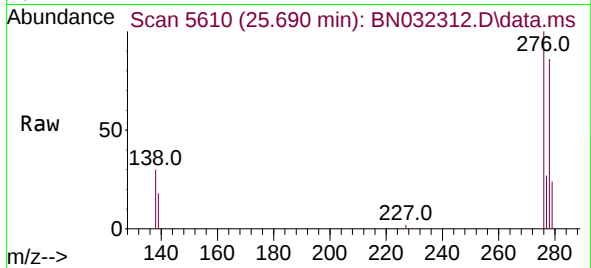




#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 25.690 min Scan# 5610
Delta R.T. -0.020 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Instrument :
BNA_N
ClientSampleId :
SLCS558

Tgt Ion:278 Resp: 24864
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.360 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032312.D
Acq: 28 Jun 2024 14:01

Tgt Ion:276 Resp: 26565
Ion Ratio Lower Upper
276 100
138 26.5 19.8 29.6
277 25.7 19.8 29.6

