

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035610.D
 Acq On : 13 Dec 2024 23:05
 Operator : RC/JU
 Sample : PB165482BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS482

Quant Time: Dec 13 23:28:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

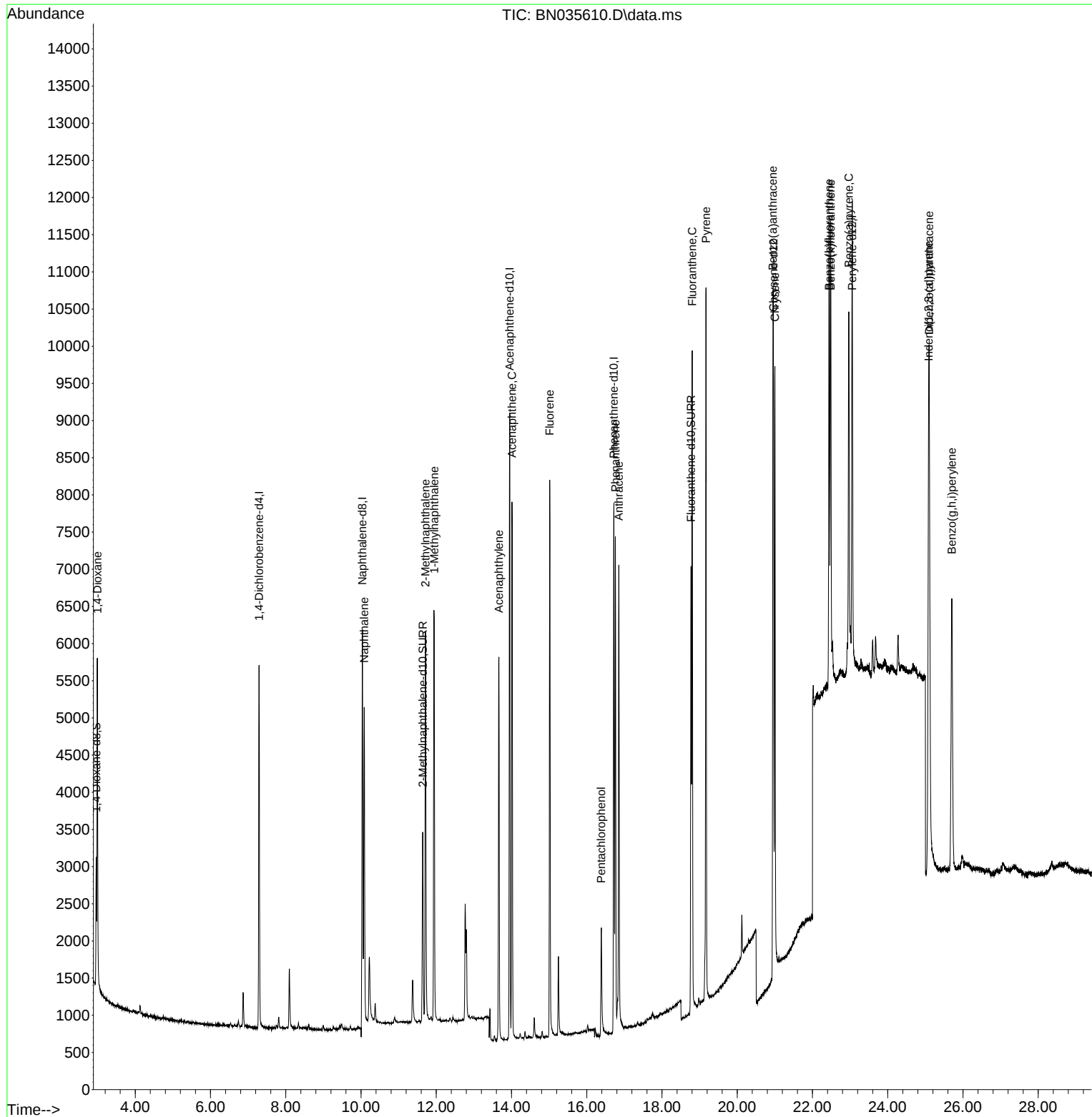
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.292	152	2442	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7417	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.953	164	4827	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	8882	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	6365	0.400	ng/ul	# 0.00
23) Perylene-d12	23.056	264	7313	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1230	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	3634	0.334	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	7137	0.406	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	3252	1.342	ng/ul#	87
5) Naphthalene	10.086	128	5535	0.296	ng/ul	98
7) 2-Methylnaphthalene	11.714	142	3844	0.297	ng/ul	97
8) 1-Methylnaphthalene	11.945	142	3921	0.300	ng/ul	98
10) Acenaphthylene	13.666	152	5830	0.304	ng/ul	98
11) Acenaphthene	14.013	153	4149	0.283	ng/ul	98
12) Fluorene	15.017	166	4737	0.275	ng/ul	98
14) Pentachlorophenol	16.388	266	1222	0.591	ng/ul	97
15) Phenanthrene	16.764	178	7097	0.302	ng/ul	98
16) Anthracene	16.852	178	6741	0.309	ng/ul	97
19) Fluoranthene	18.805	202	8037	0.363	ng/ul#	95
20) Pyrene	19.172	202	8505	0.369	ng/ul#	94
21) Benzo(a)anthracene	20.949	228	6951	0.315	ng/ul#	93
22) Chrysene	21.002	228	7192	0.324	ng/ul#	95
24) Benzo(b)fluoranthene	22.442	252	7187	0.297	ng/ul#	70
25) Benzo(k)fluoranthene	22.483	252	7721	0.310	ng/ul#	64
26) Benzo(a)pyrene	22.966	252	7009	0.317	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.087	276	9108	0.305	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.104	278	7159	0.306	ng/ul#	69
29) Benzo(g,h,i)perylene	25.704	276	7433	0.316	ng/ul#	71

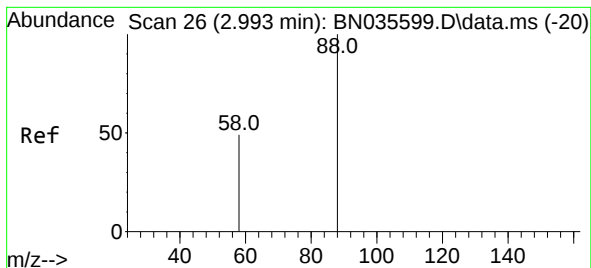
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.342 ng/ul

RT: 2.993 min Scan# 20

Delta R.T. -0.000 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

Instrument :

BNA_N

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SLCS482

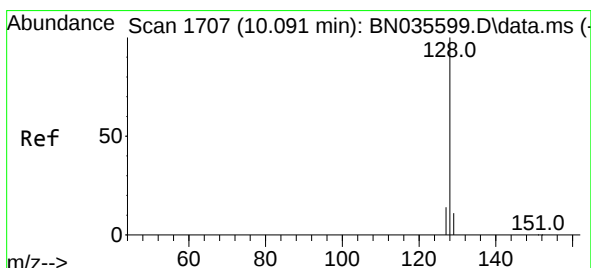
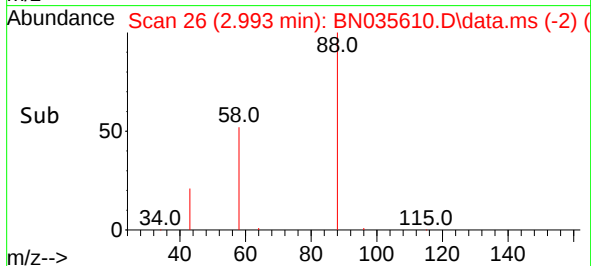
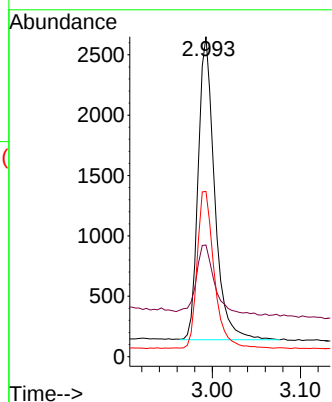
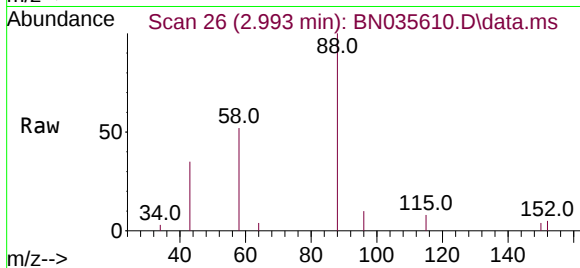
Tgt Ion: 88 Resp: 3252

Ion Ratio Lower Upper

88 100

43 34.9 20.6 31.0#

58 51.6 36.2 54.4



#5

Naphthalene

Concen: 0.296 ng/ul

RT: 10.086 min Scan# 1706

Delta R.T. -0.000 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

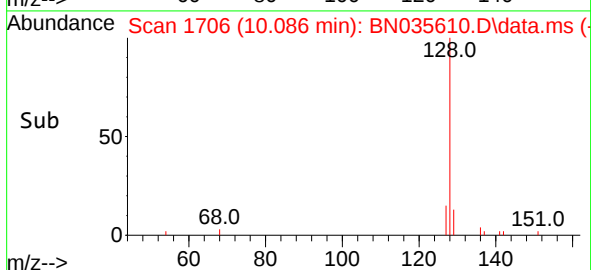
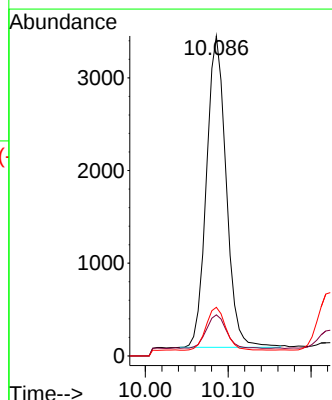
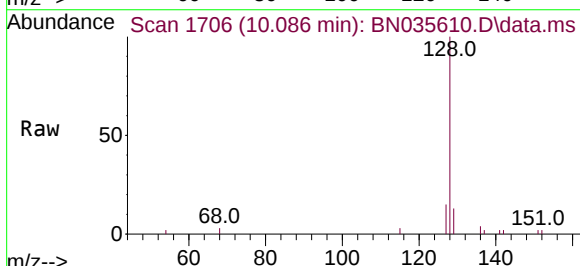
Tgt Ion:128 Resp: 5535

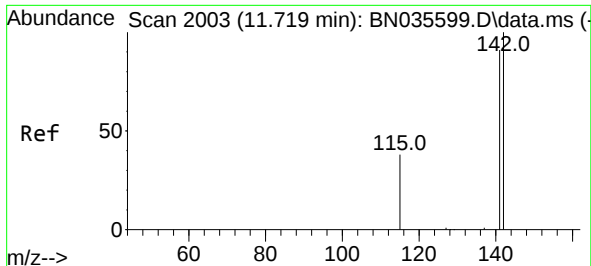
Ion Ratio Lower Upper

128 100

129 12.8 9.9 14.9

127 15.2 11.4 17.2

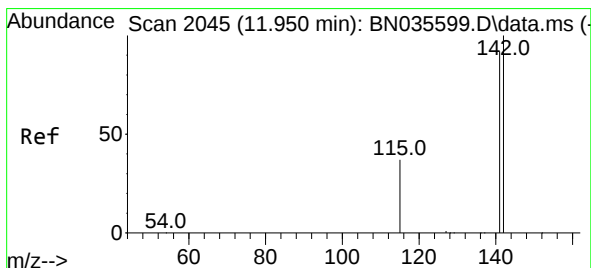
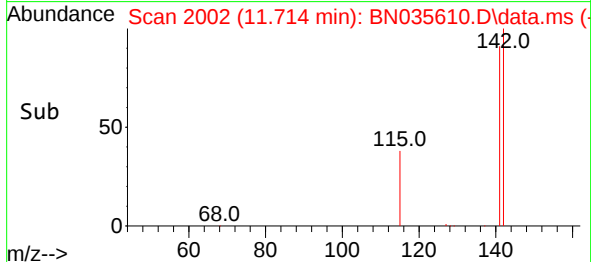
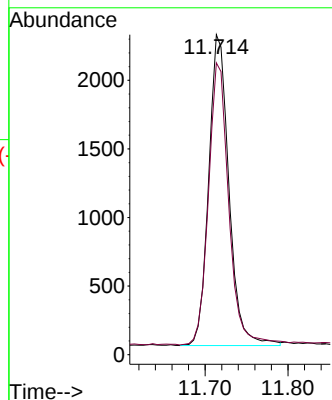
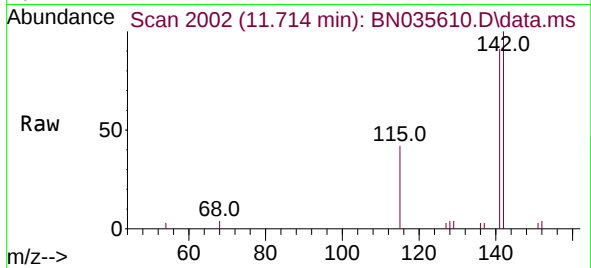




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

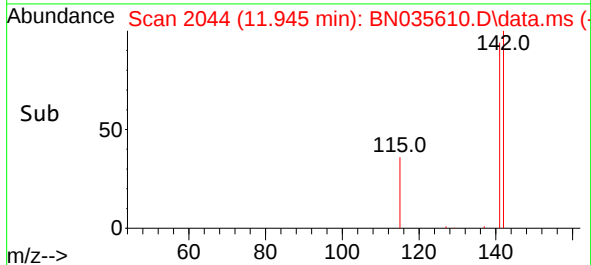
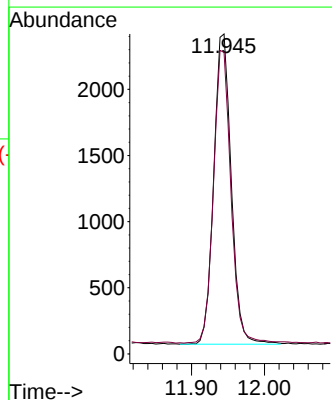
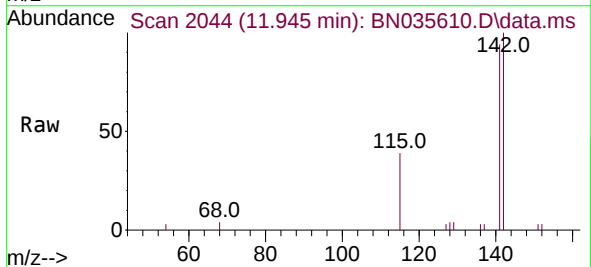
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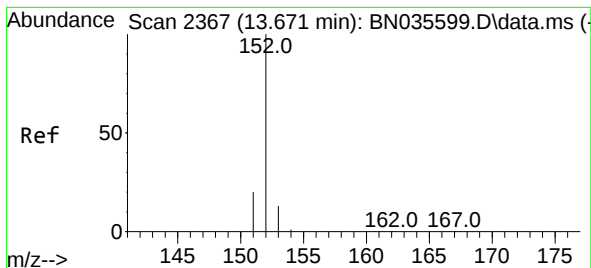
Tgt Ion:142 Resp: 3844
Ion Ratio Lower Upper
142 100
141 90.9 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Tgt Ion:142 Resp: 3921
Ion Ratio Lower Upper
142 100
141 93.6 73.1 109.7





#10

Acenaphthylene

Concen: 0.304 ng/ul

RT: 13.666 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

Instrument :

BNA_N

ClientSampleId :

SLCS482

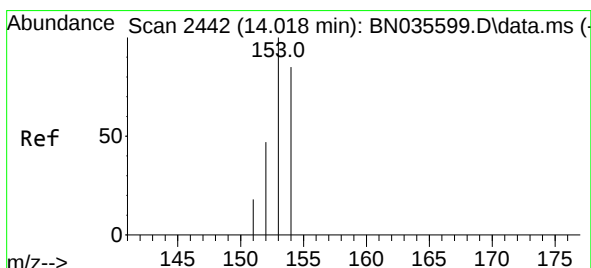
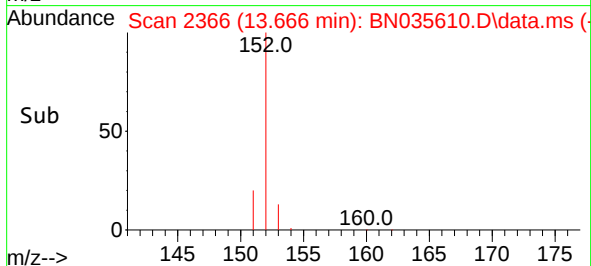
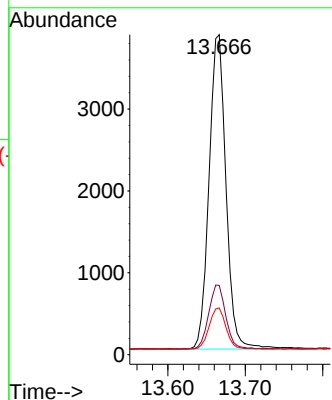
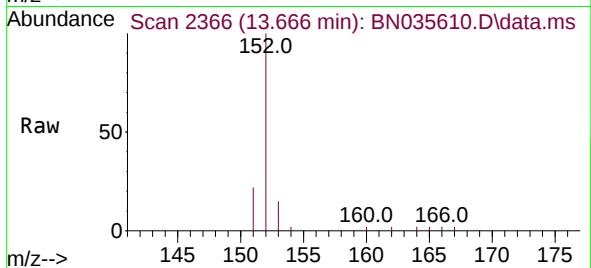
Tgt Ion:152 Resp: 5830

Ion Ratio Lower Upper

152 100

151 21.6 16.4 24.6

153 14.6 11.1 16.7



#11

Acenaphthene

Concen: 0.283 ng/ul

RT: 14.013 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

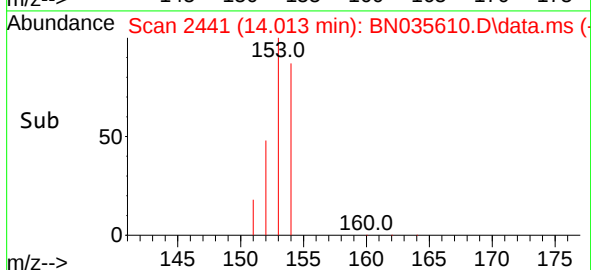
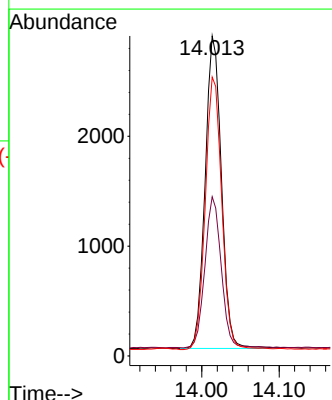
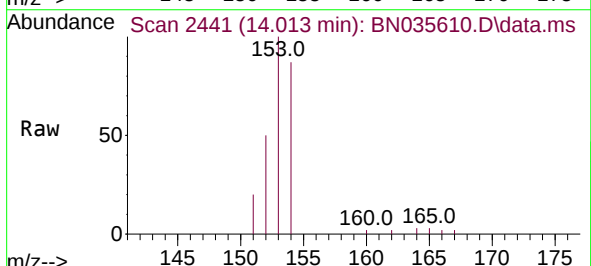
Tgt Ion:153 Resp: 4149

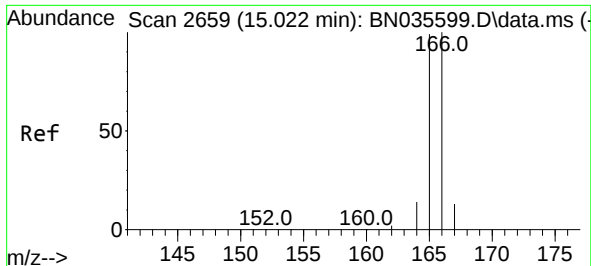
Ion Ratio Lower Upper

153 100

152 49.8 41.4 62.0

154 87.2 71.2 106.8

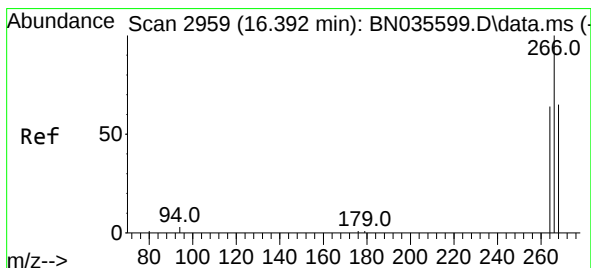
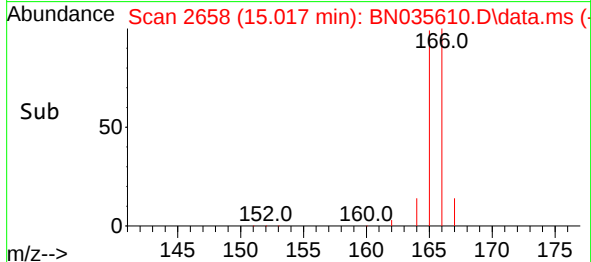
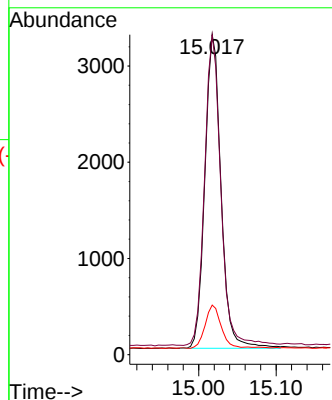
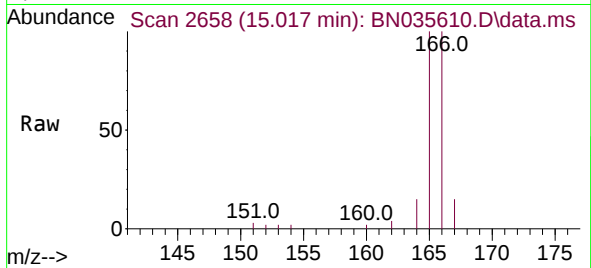




#12
 Fluorene
 Concen: 0.275 ng/ul
 RT: 15.017 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN035610.D
 Acq: 13 Dec 2024 23:05

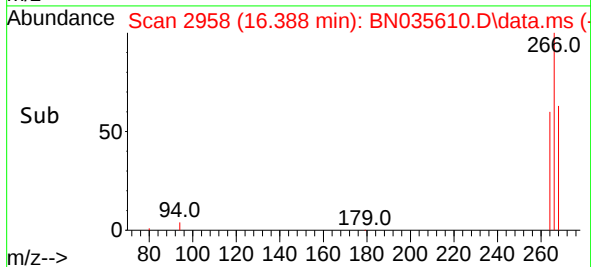
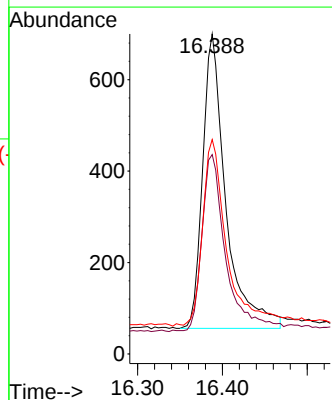
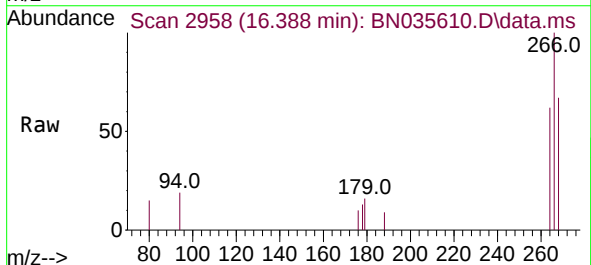
Instrument :
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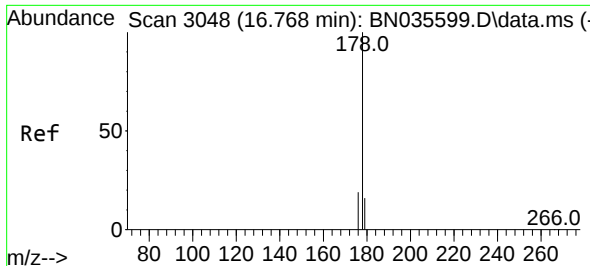
Tgt Ion:166 Resp: 4737
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.6 118.0
 167 15.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.591 ng/ul
 RT: 16.388 min Scan# 2958
 Delta R.T. 0.008 min
 Lab File: BN035610.D
 Acq: 13 Dec 2024 23:05

Tgt Ion:266 Resp: 1222
 Ion Ratio Lower Upper
 266 100
 264 62.0 51.8 77.6
 268 66.2 51.3 76.9

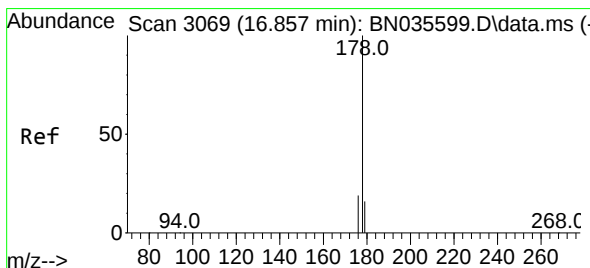
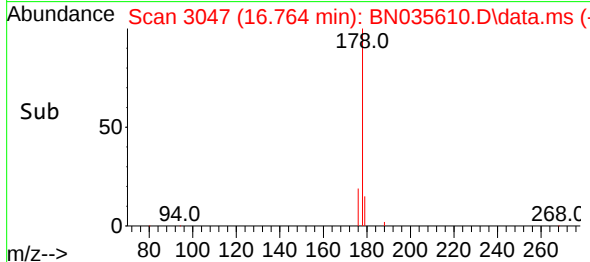
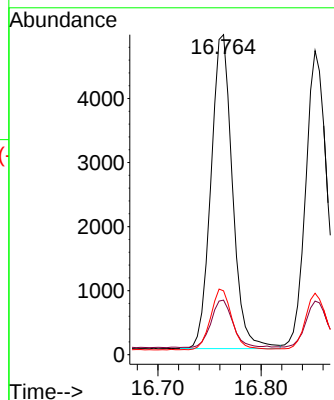
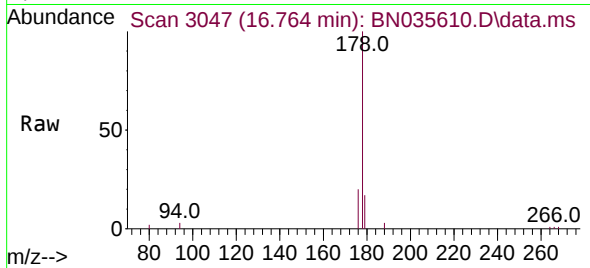




#15
Phenanthrene
Concen: 0.302 ng/u1
RT: 16.764 min Scan# 3048
Delta R.T. 0.004 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

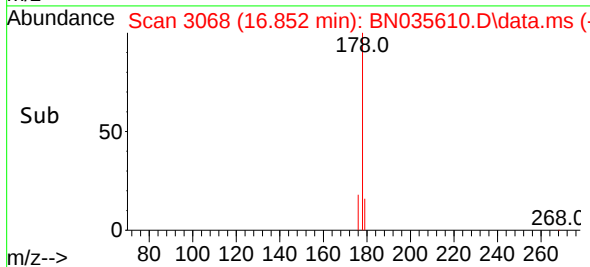
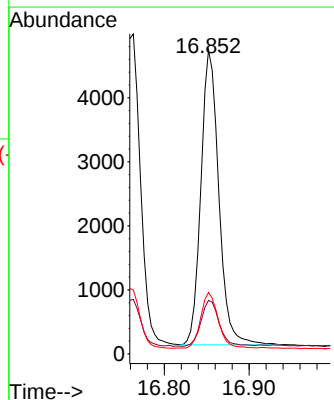
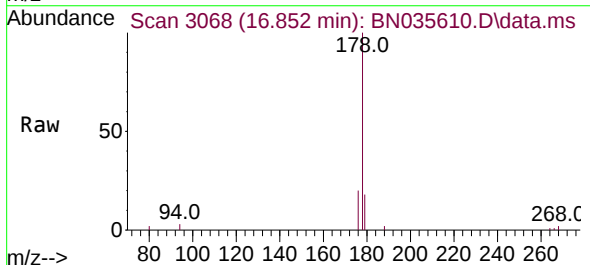
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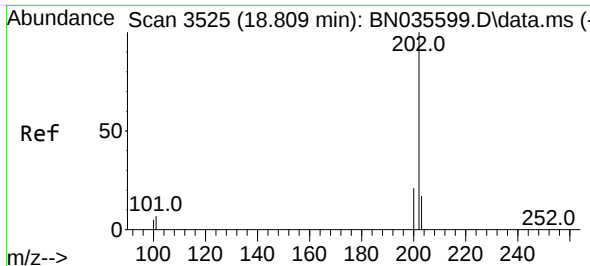
Tgt Ion:178 Resp: 7097
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.309 ng/u1
RT: 16.852 min Scan# 3068
Delta R.T. 0.004 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Tgt Ion:178 Resp: 6741
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.2 15.4 23.2

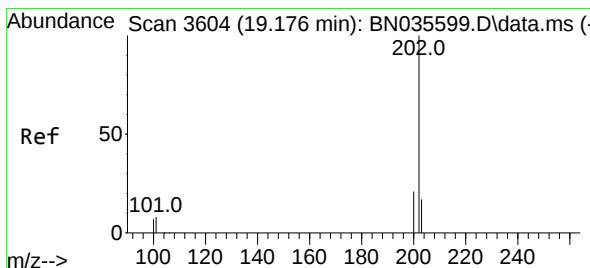
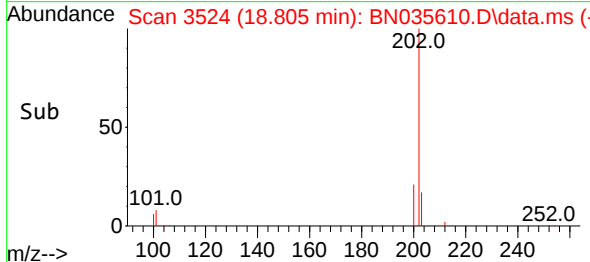
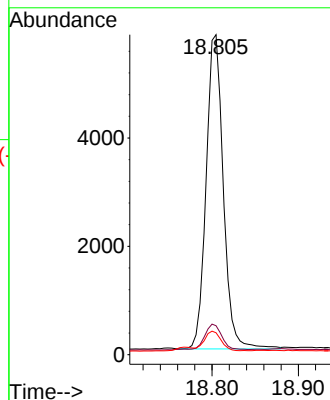
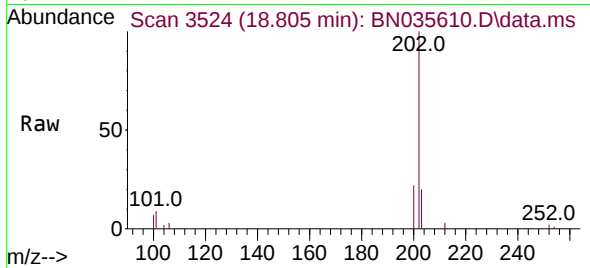




#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 18.805 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

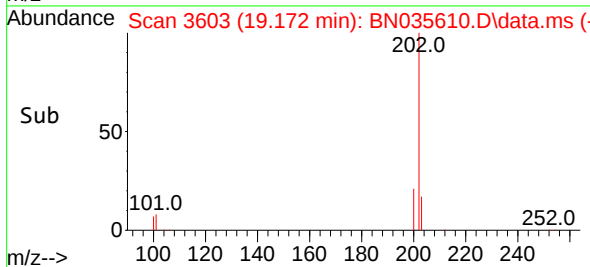
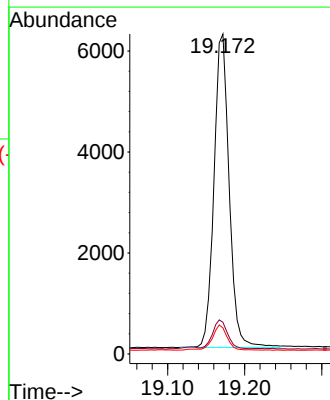
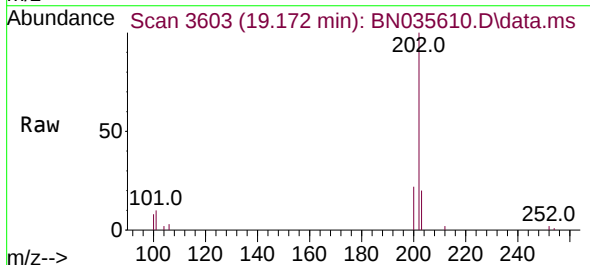
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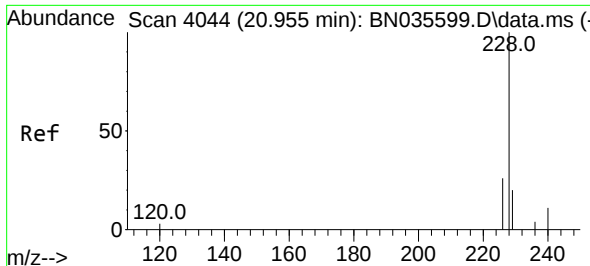
Tgt Ion:202 Resp: 8037
Ion Ratio Lower Upper
202 100
101 9.0 5.8 8.6#
100 6.9 4.5 6.7#



#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Tgt Ion:202 Resp: 8505
Ion Ratio Lower Upper
202 100
101 9.9 6.2 9.4#
100 8.2 5.1 7.7#

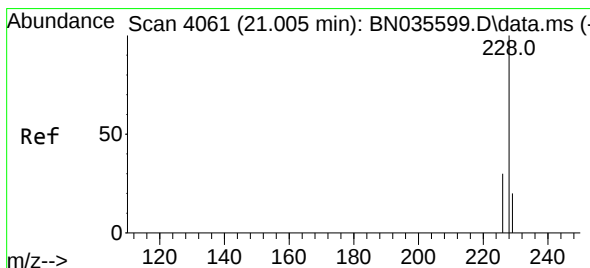
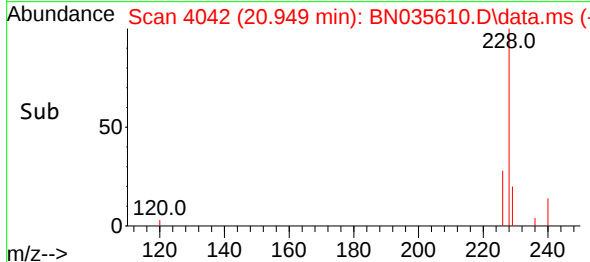
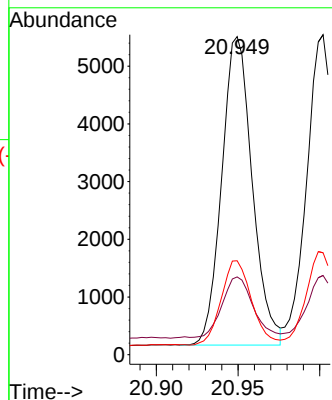
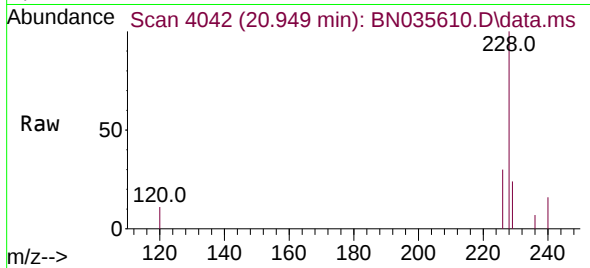




#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 20.949 min Scan# 4044
Delta R.T. 0.003 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

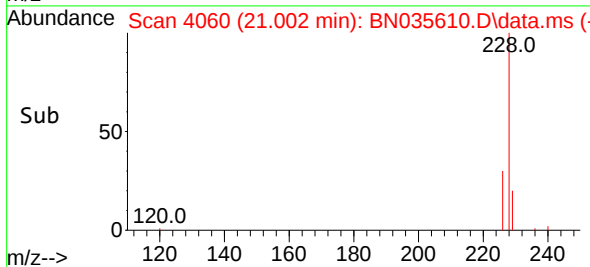
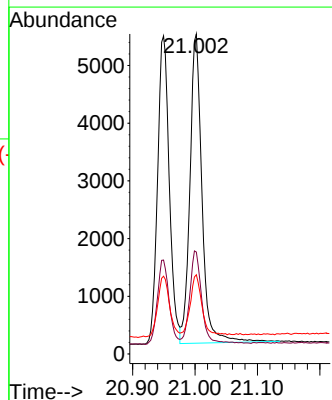
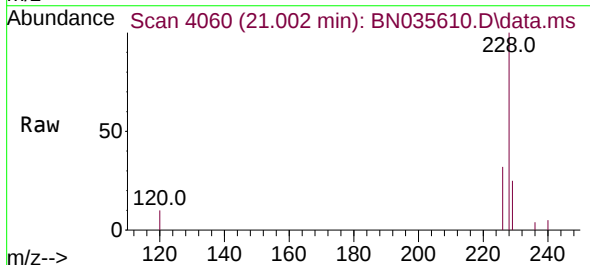
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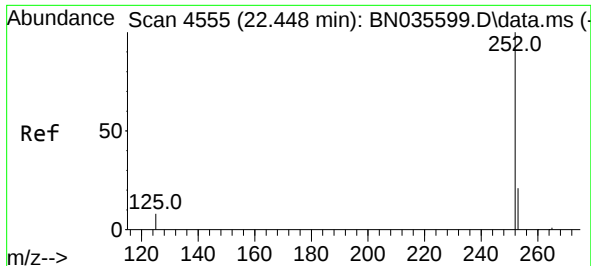
Tgt Ion:228 Resp: 6951
Ion Ratio Lower Upper
228 100
229 24.5 15.8 23.8#
226 29.5 21.8 32.8



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.002 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

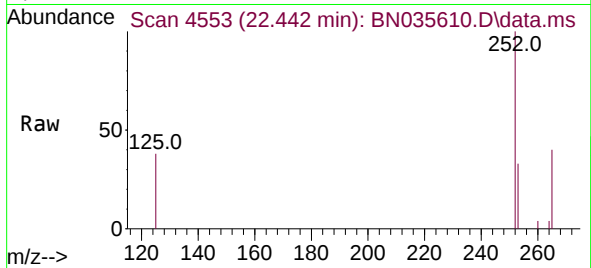
Tgt Ion:228 Resp: 7192
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 24.7 16.0 24.0#



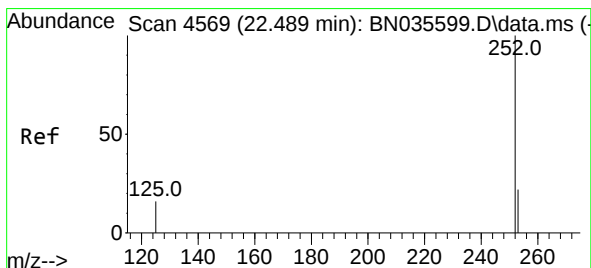
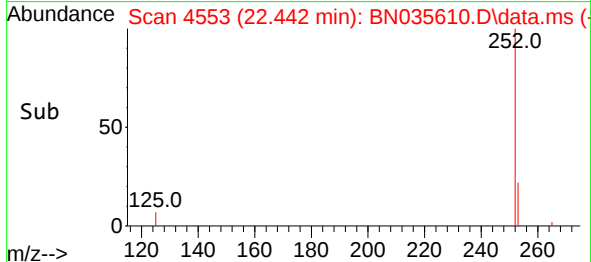
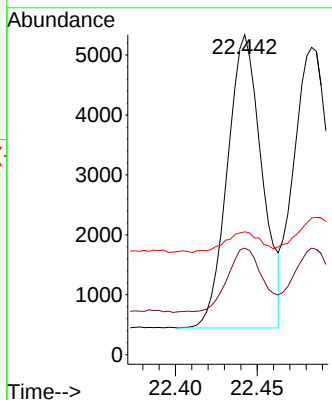


#24
Benzo(b)fluoranthene
Concen: 0.297 ng/ul
RT: 22.442 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Instrument :
BNA_N
ClientSampleId :
SLCS482

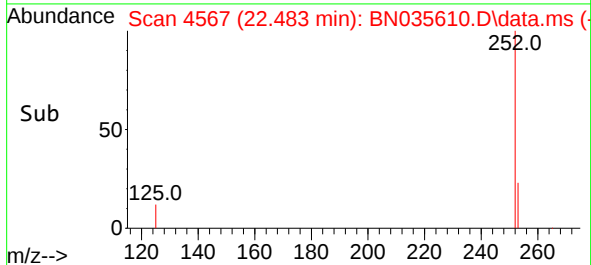
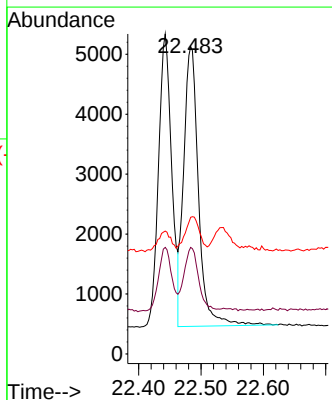
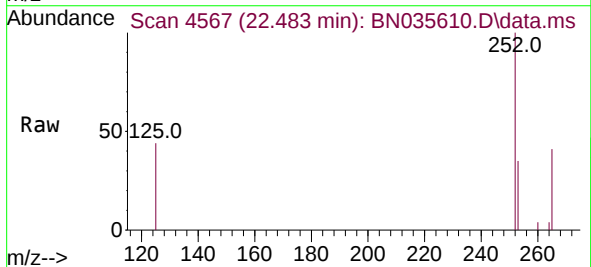


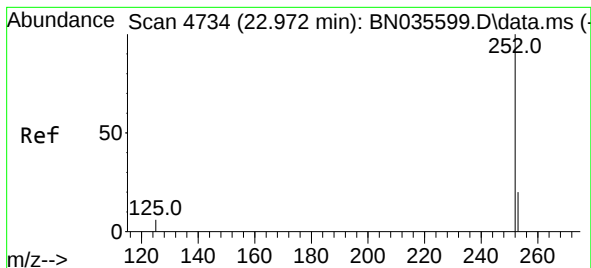
Tgt Ion:252 Resp: 7187
Ion Ratio Lower Upper
252 100
253 33.3 0.0 54.0
125 38.4 0.0 19.4#



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 22.483 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Tgt Ion:252 Resp: 7721
Ion Ratio Lower Upper
252 100
253 34.7 21.8 32.6#
125 44.5 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 0.317 ng/ul

RT: 22.966 min Scan# 4732

Delta R.T. 0.006 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

Instrument :

BNA_N

ClientSampleId :

SLCS482

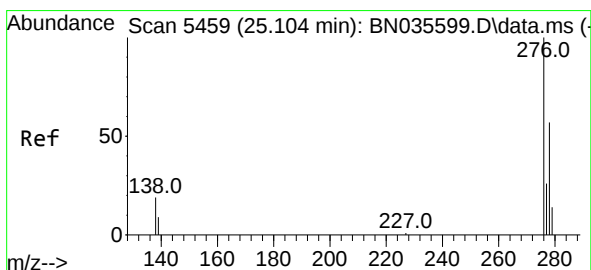
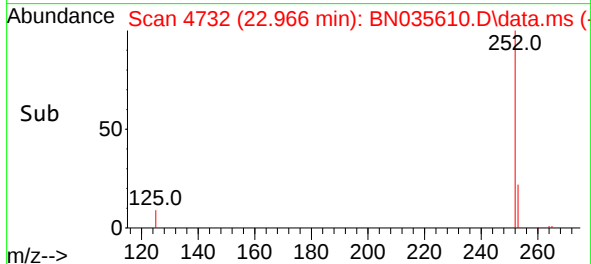
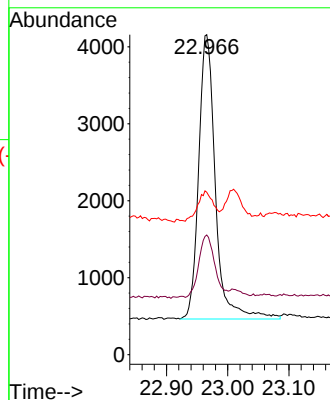
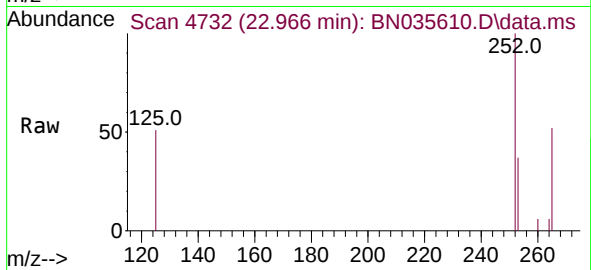
Tgt Ion:252 Resp: 7009

Ion Ratio Lower Upper

252 100

253 37.4 22.9 34.3#

125 50.7 9.4 14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.305 ng/ul

RT: 25.087 min Scan# 5454

Delta R.T. 0.007 min

Lab File: BN035610.D

Acq: 13 Dec 2024 23:05

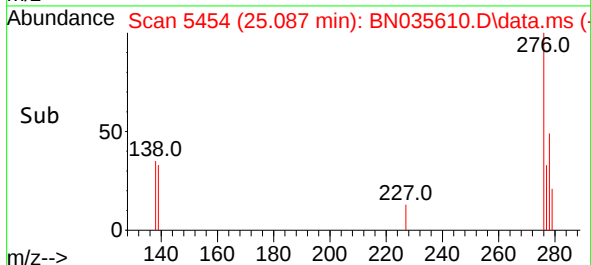
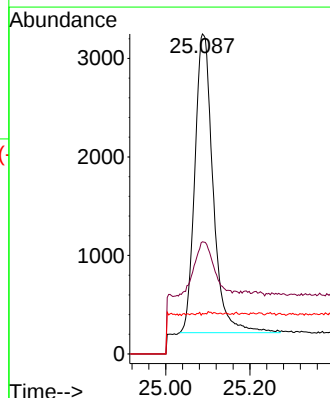
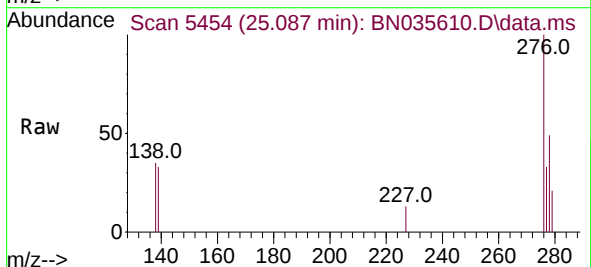
Tgt Ion:276 Resp: 9108

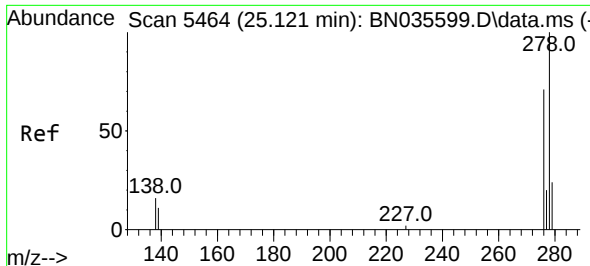
Ion Ratio Lower Upper

276 100

138 128.6 13.8 20.8#

227 73.8 0.2 0.4#

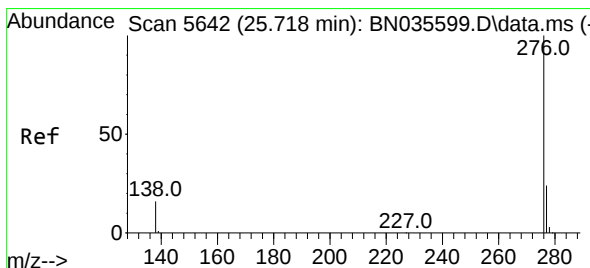
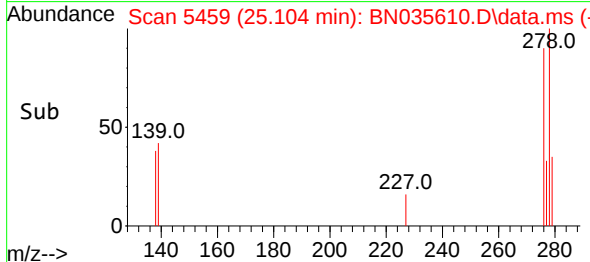
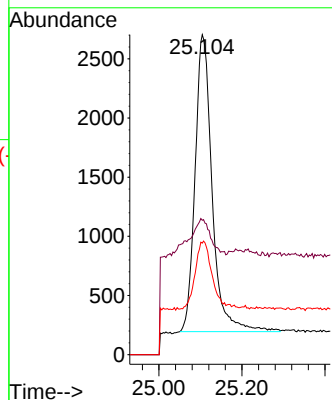
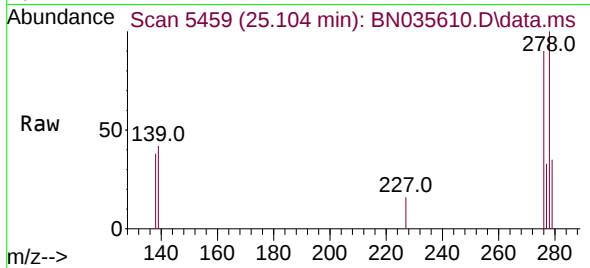




#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 25.104 min Scan# 5464
Delta R.T. 0.003 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Instrument :
BNA_N
ClientSampleId :
SLCS482

Tgt Ion:278 Resp: 7159
Ion Ratio Lower Upper
278 100
139 42.0 10.7 16.1#
279 34.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 25.704 min Scan# 5638
Delta R.T. 0.013 min
Lab File: BN035610.D
Acq: 13 Dec 2024 23:05

Tgt Ion:276 Resp: 7433
Ion Ratio Lower Upper
276 100
138 37.5 13.0 19.6#
277 33.3 20.5 30.7#

