

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034830.D
 Acq On : 02 Nov 2024 07:02
 Operator : RC/JU
 Sample : PB164449BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS449

Quant Time: Nov 03 23:30:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

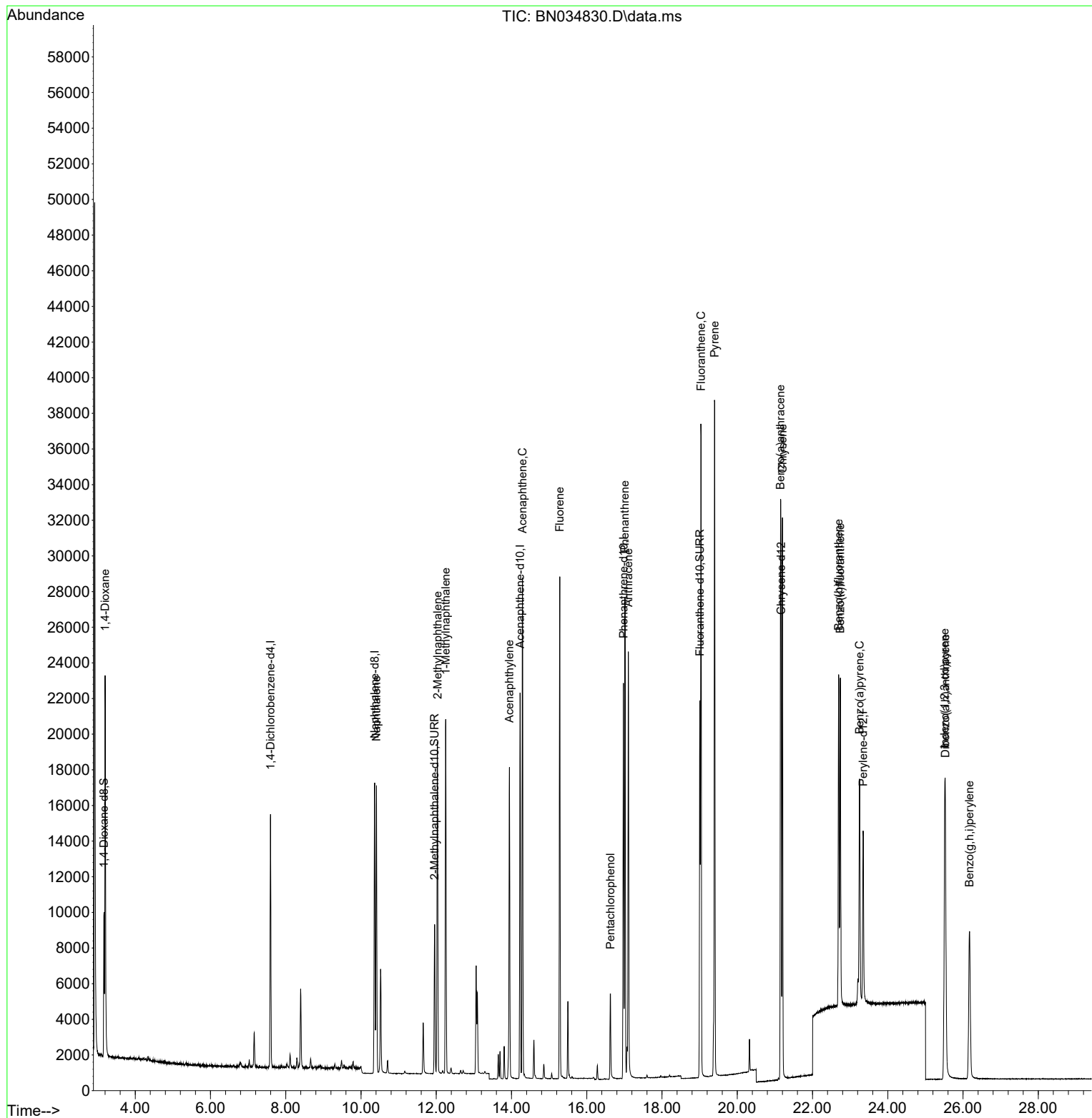
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	20707	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	11324	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	23797	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	15837	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	12352	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5166	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10521	0.405	ng/ul	-0.01
18) Fluoranthene-d10	19.004	212	20590	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	13371	1.676	ng/ul#	84
5) Naphthalene	10.410	128	20920	0.381	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	13559	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	13783	0.380	ng/ul	100
10) Acenaphthylene	13.944	152	19337	0.375	ng/ul	99
11) Acenaphthene	14.291	153	15131	0.384	ng/ul	100
12) Fluorene	15.281	166	16874	0.384	ng/ul	99
14) Pentachlorophenol	16.629	266	3261	0.694	ng/ul	99
15) Phenanthrene	17.013	178	27832	0.387	ng/ul	100
16) Anthracene	17.106	178	25045	0.376	ng/ul	100
19) Fluoranthene	19.037	202	29821	0.388	ng/ul	99
20) Pyrene	19.400	202	30896	0.386	ng/ul	99
21) Benzo(a)anthracene	21.148	228	24282	0.383	ng/ul	99
22) Chrysene	21.201	228	25335	0.399	ng/ul	100
24) Benzo(b)fluoranthene	22.694	252	21362	0.425	ng/ul	98
25) Benzo(k)fluoranthene	22.738	252	20987	0.414	ng/ul	99
26) Benzo(a)pyrene	23.249	252	17251	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.513	276	19499	0.423	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.530	278	15004	0.431	ng/ul	100
29) Benzo(g,h,i)perylene	26.171	276	15619	0.431	ng/ul	98

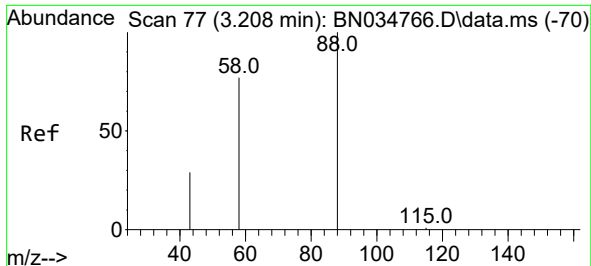
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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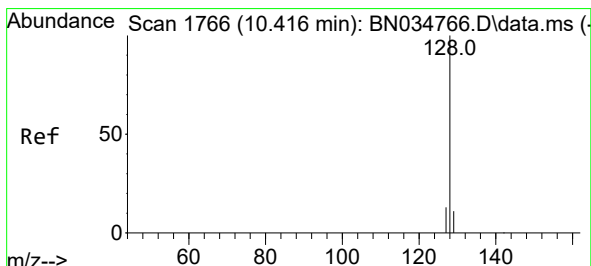
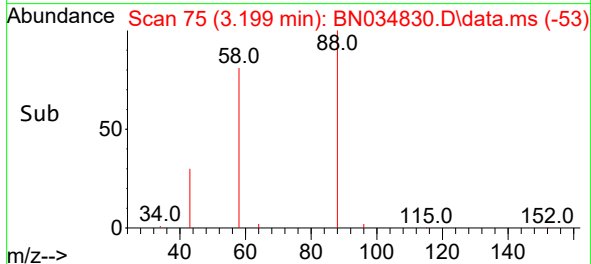
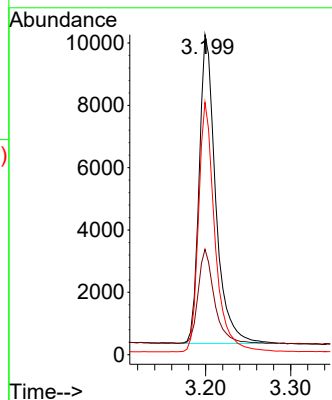
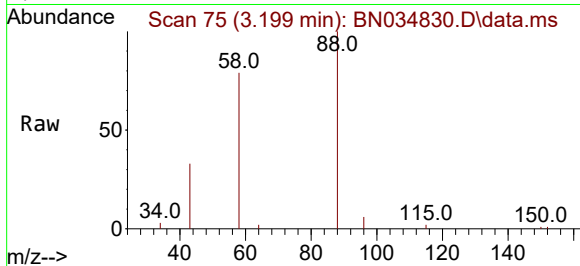




#2
1,4-Dioxane
Concen: 1.676 ng/ul
RT: 3.199 min Scan# 71
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

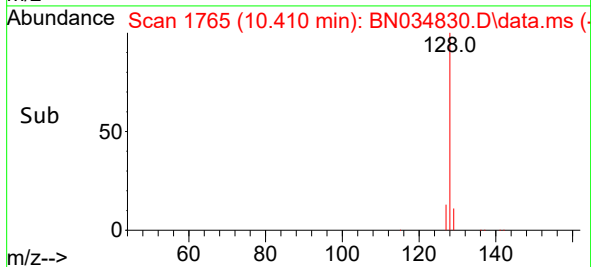
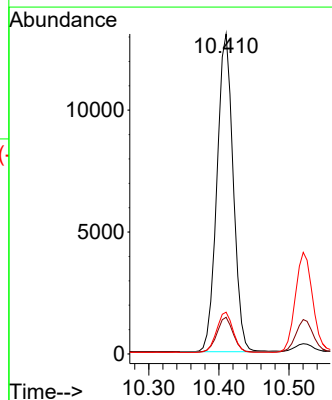
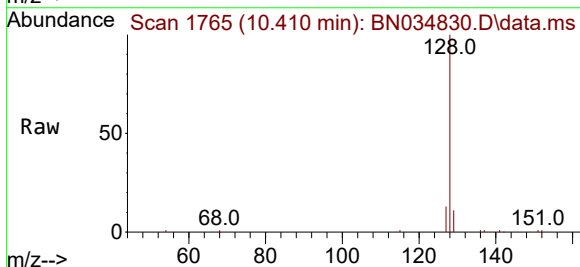
Instrument :
BNA_N
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SLCS449

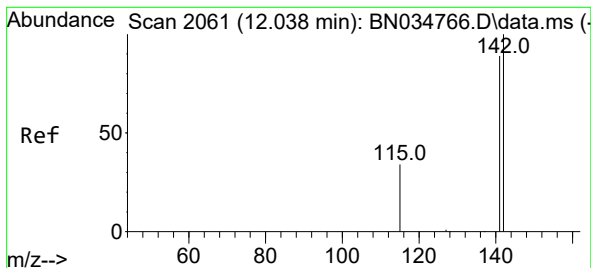
Tgt Ion: 88 Resp: 13371
Ion Ratio Lower Upper
88 100
43 32.9 41.9 62.9#
58 78.8 57.5 86.3



#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:128 Resp: 20920
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.0 10.5 15.7

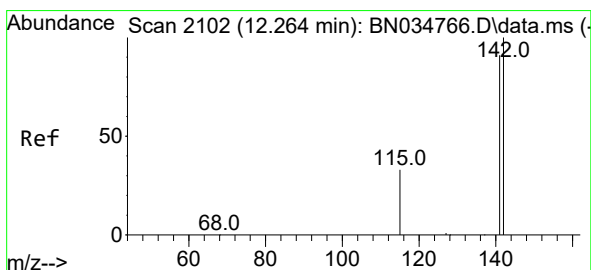
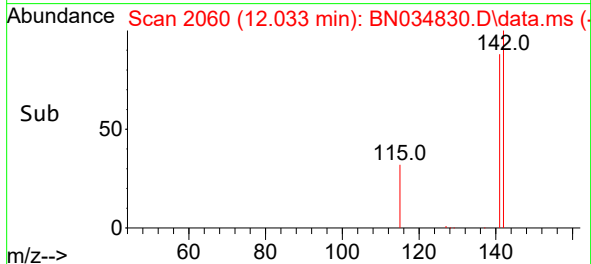
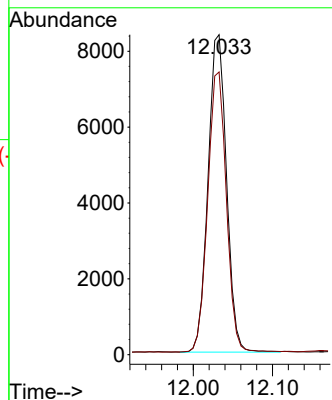
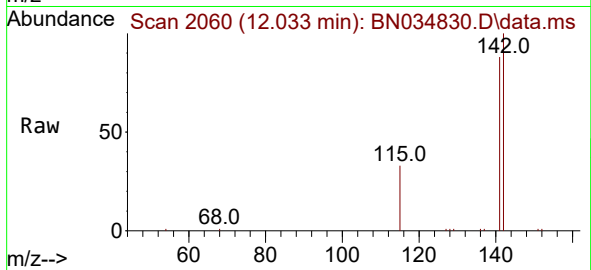




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

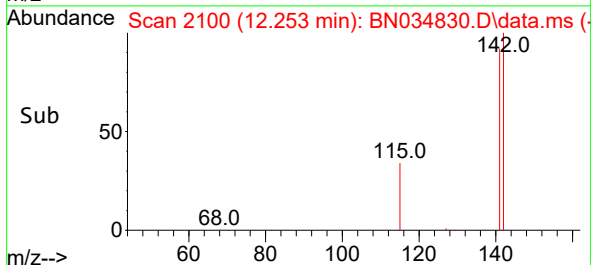
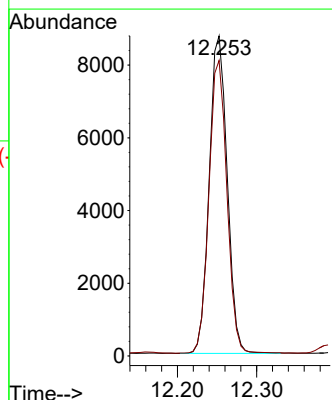
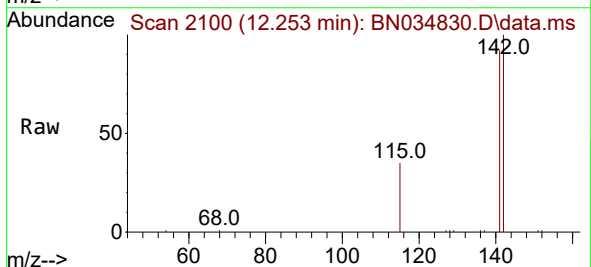
Instrument :
BNA_N
ClientSampleId :
SLCS449

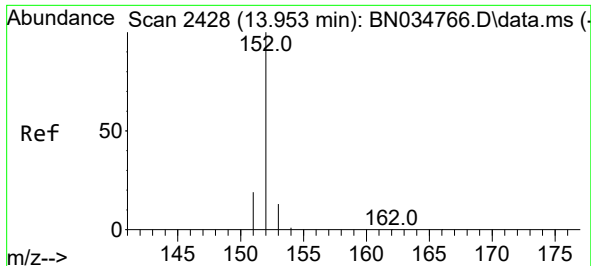
Tgt Ion:142 Resp: 13559
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:142 Resp: 13783
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

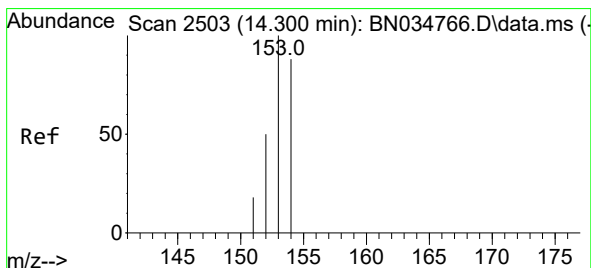
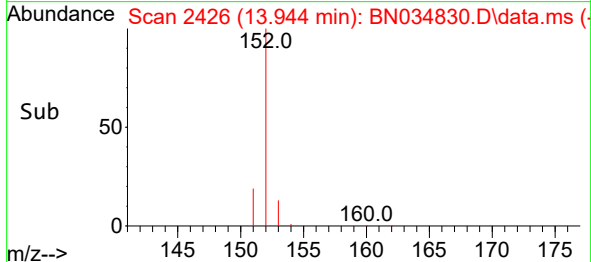
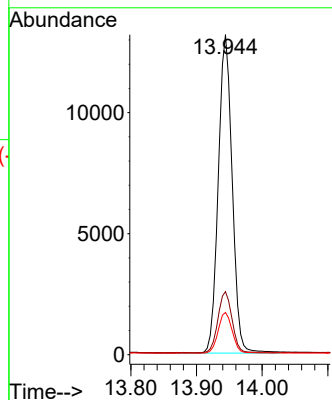
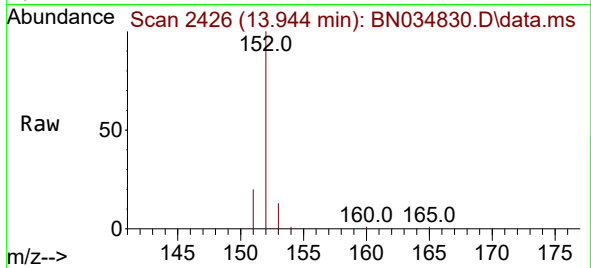




#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

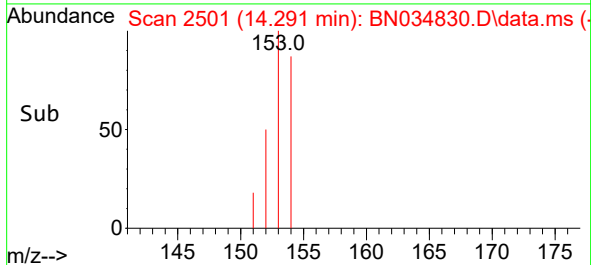
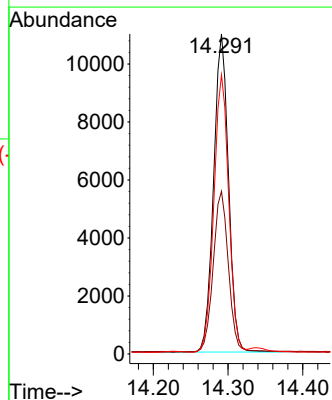
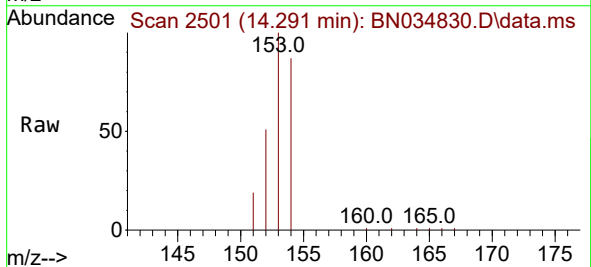
Instrument :
BNA_N
ClientSampleId :
SLCS449

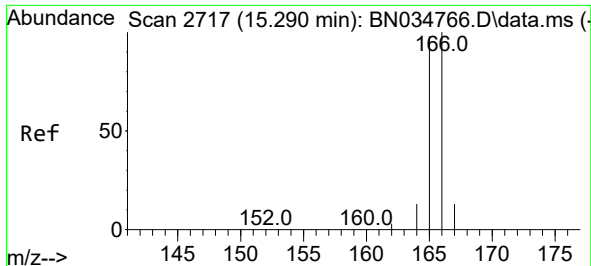
Tgt Ion:152 Resp: 19337
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:153 Resp: 15131
Ion Ratio Lower Upper
153 100
152 50.9 40.3 60.5
154 87.2 69.9 104.9

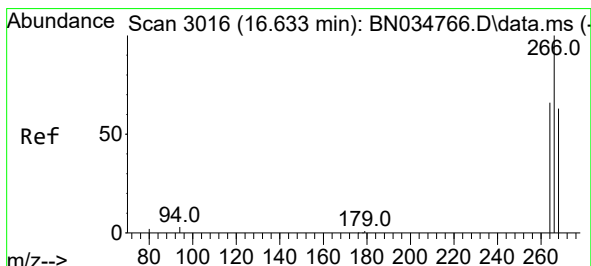
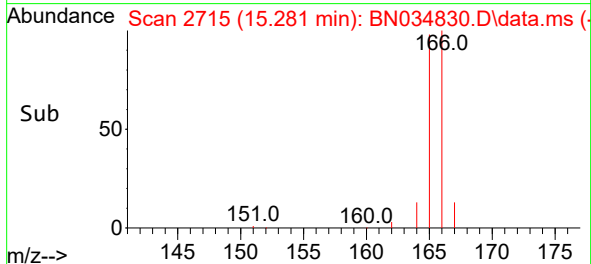
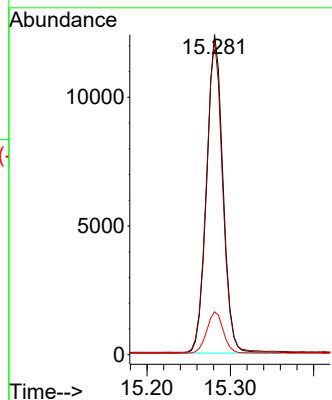
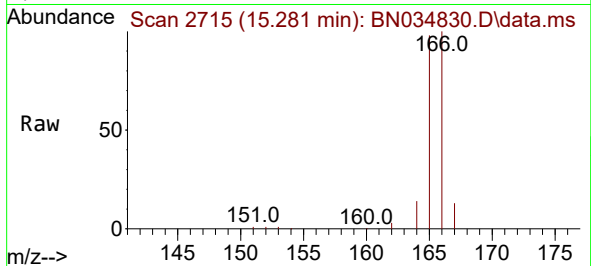




#12
 Fluorene
 Concen: 0.384 ng/ul
 RT: 15.281 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034830.D
 Acq: 02 Nov 2024 07:02

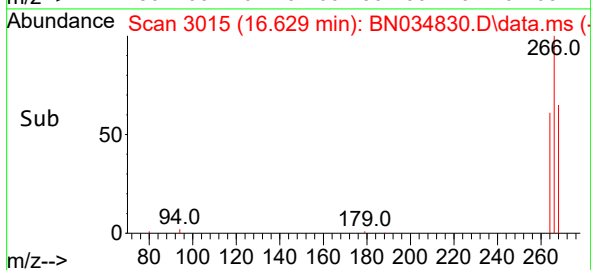
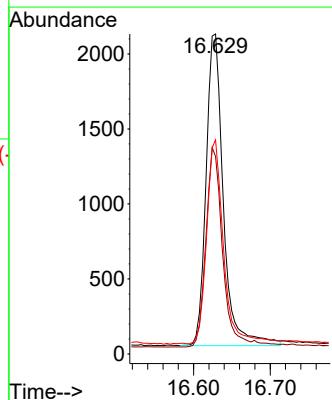
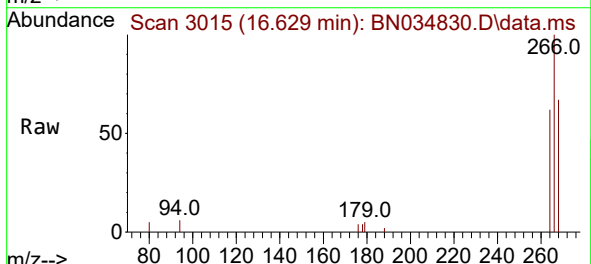
Instrument :
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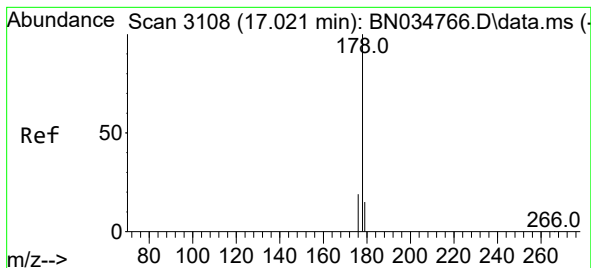
Tgt Ion:166 Resp: 16874
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.4 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.694 ng/ul
 RT: 16.629 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BN034830.D
 Acq: 02 Nov 2024 07:02

Tgt Ion:266 Resp: 3261
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.1 75.1
 268 63.9 52.0 78.0





#15

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.013 min Scan# 3106

Delta R.T. -0.013 min

Lab File: BN034830.D

Acq: 02 Nov 2024 07:02

Instrument :

BNA_N

ClientSampleId :

SLCS449

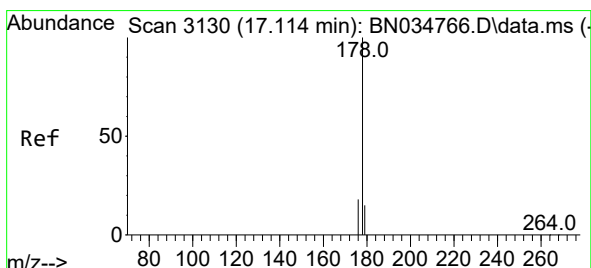
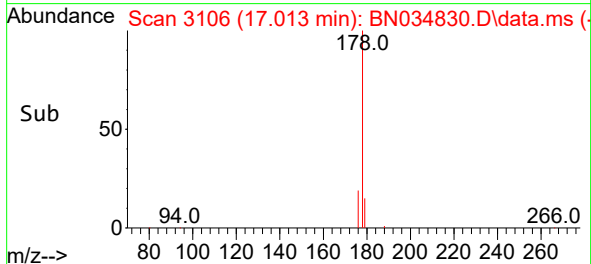
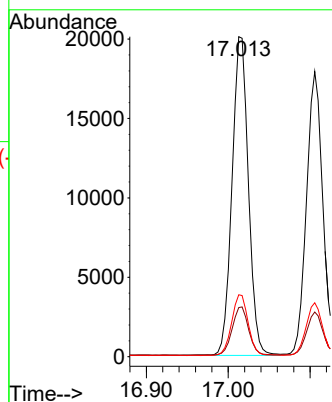
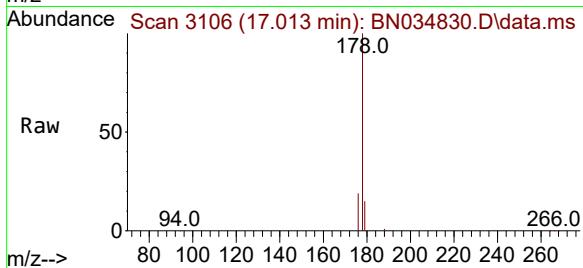
Tgt Ion:178 Resp: 27832

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.4 15.4 23.0



#16

Anthracene

Concen: 0.376 ng/ul

RT: 17.106 min Scan# 3128

Delta R.T. -0.009 min

Lab File: BN034830.D

Acq: 02 Nov 2024 07:02

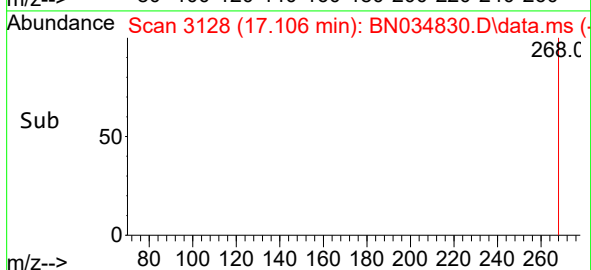
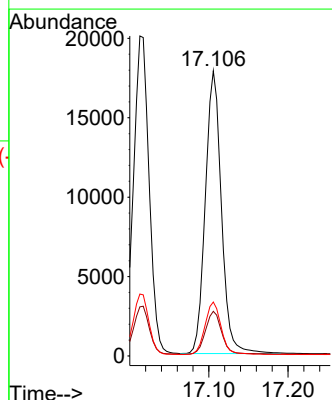
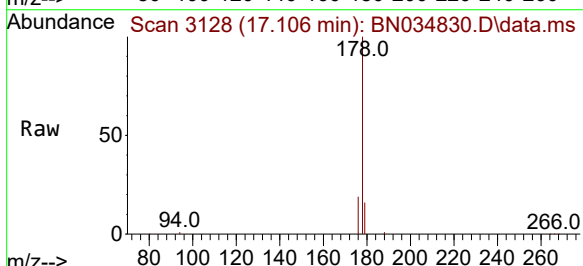
Tgt Ion:178 Resp: 25045

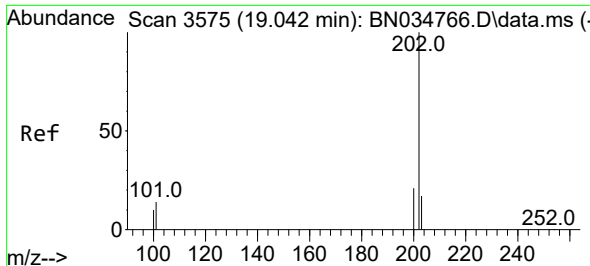
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.9 15.1 22.7

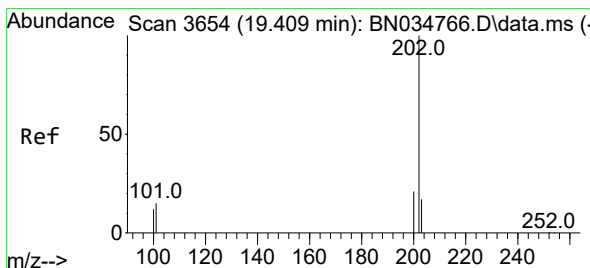
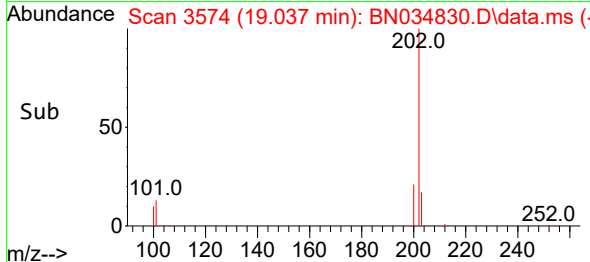
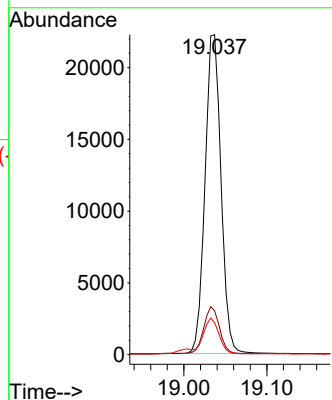
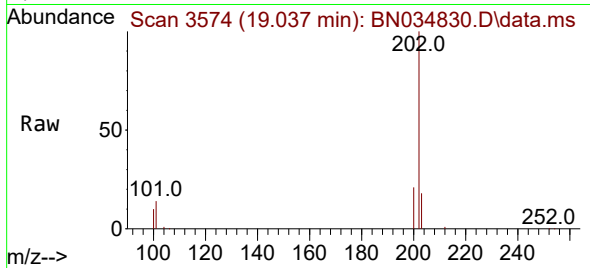




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.037 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

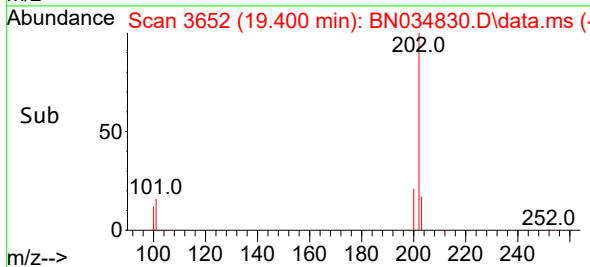
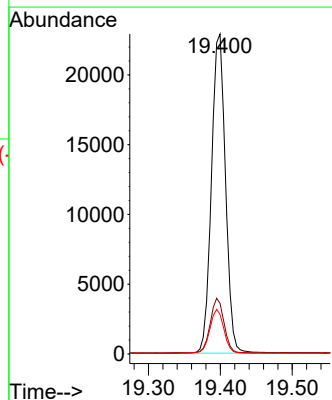
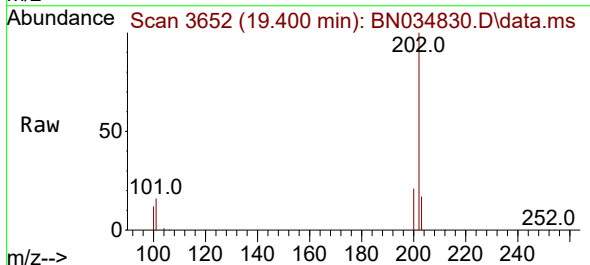
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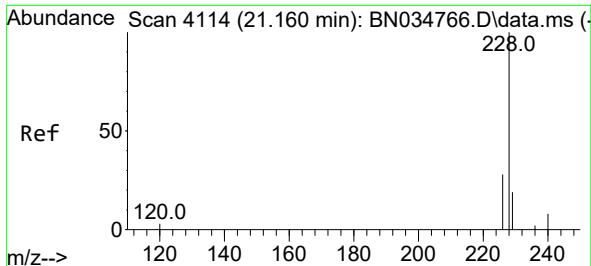
Tgt Ion:202 Resp: 29821
Ion Ratio Lower Upper
202 100
101 13.7 10.8 16.2
100 10.0 8.2 12.2



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

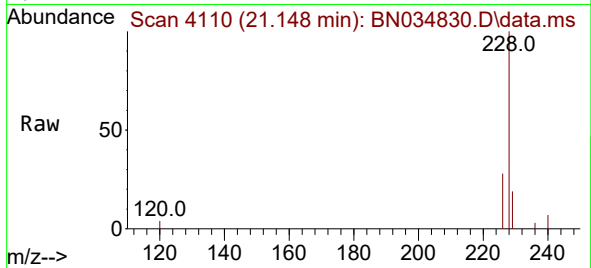
Tgt Ion:202 Resp: 30896
Ion Ratio Lower Upper
202 100
101 15.8 12.4 18.6
100 12.3 10.0 15.0



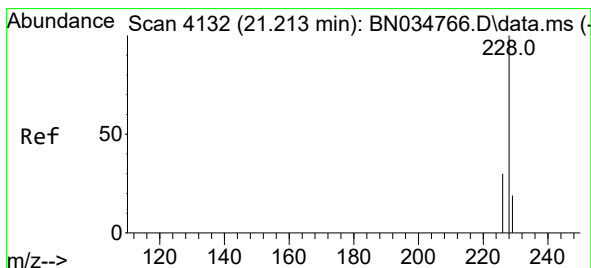
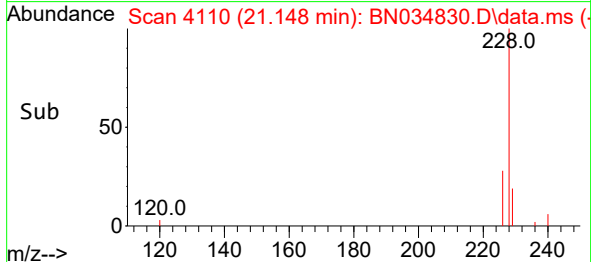
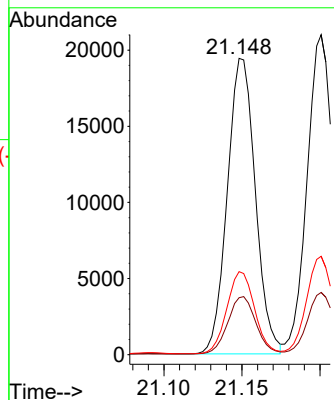


#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

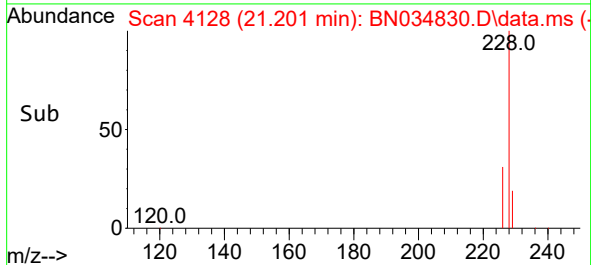
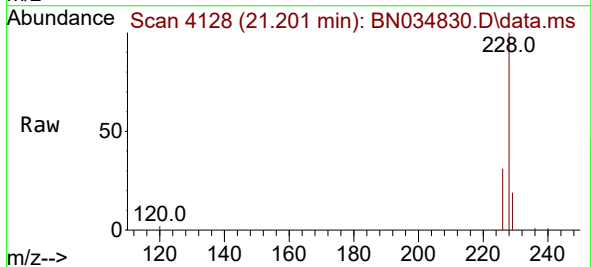
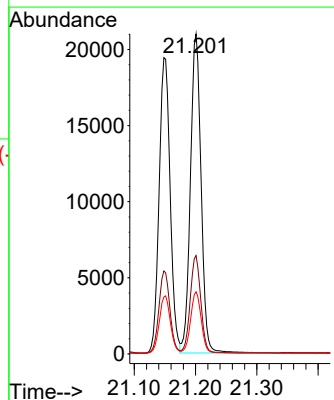


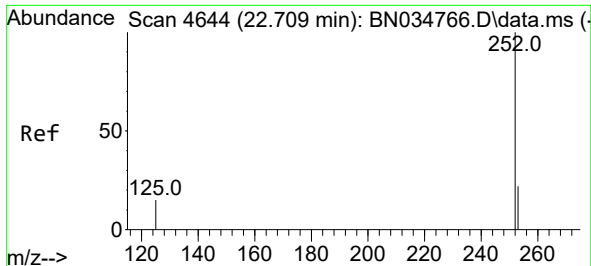
Tgt Ion:228 Resp: 24282
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:228 Resp: 25335
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.5 15.6 23.4

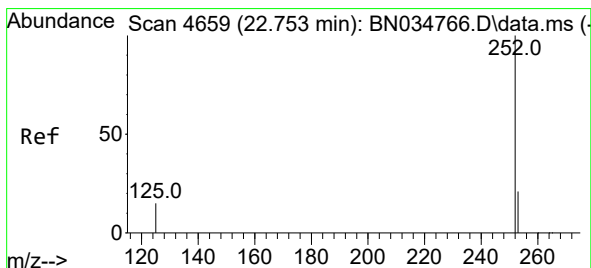
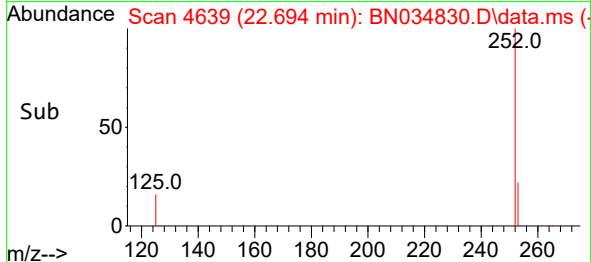
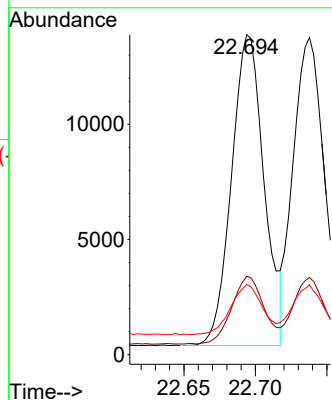
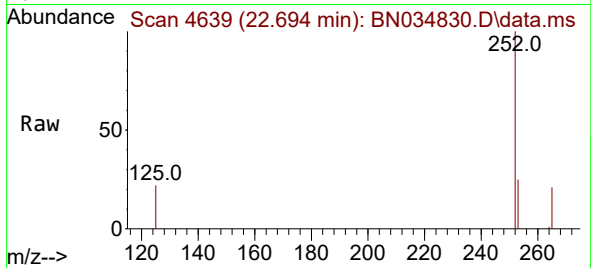




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.015 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

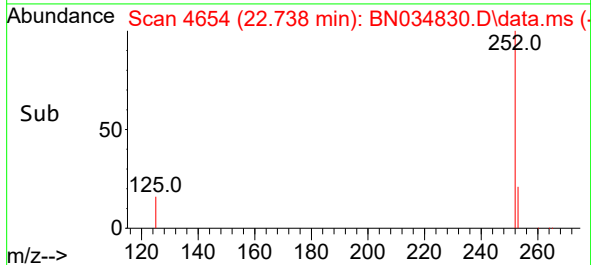
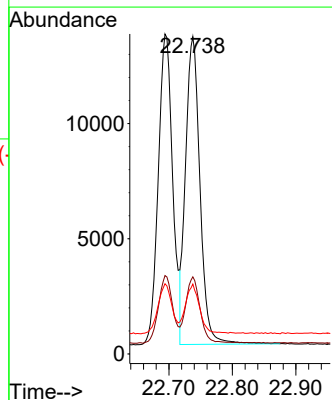
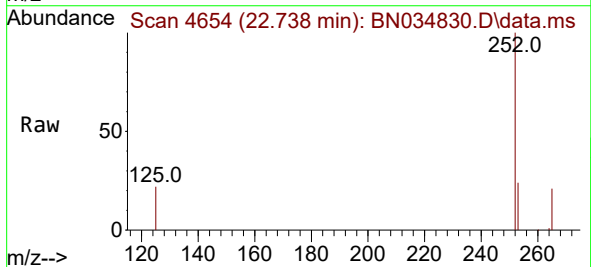
Instrument :
BNA_N
ClientSampleId :
SLCS449

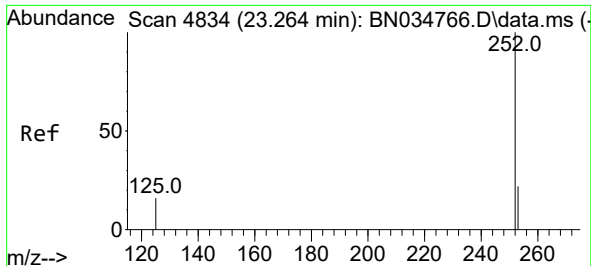
Tgt Ion:252 Resp: 21362
Ion Ratio Lower Upper
252 100
253 24.5 0.0 47.6
125 21.9 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:252 Resp: 20987
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 22.0 17.0 25.4

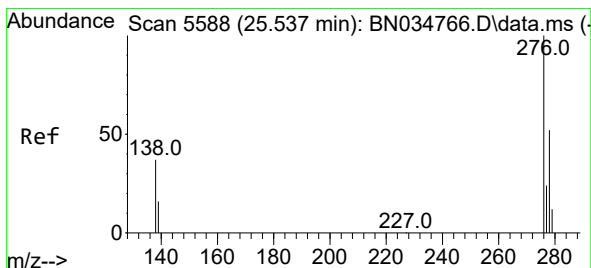
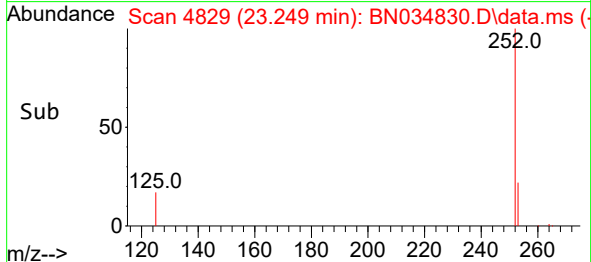
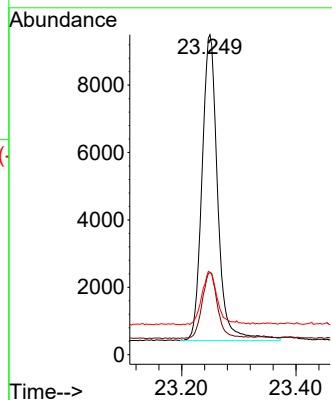
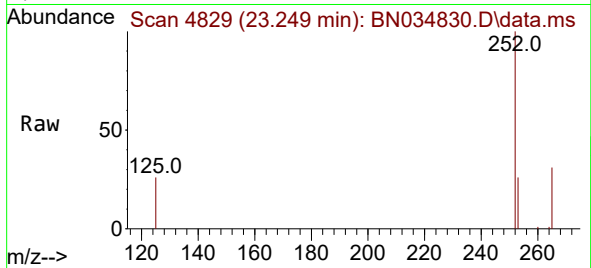




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.249 min Scan# 4829
Delta R.T. -0.015 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

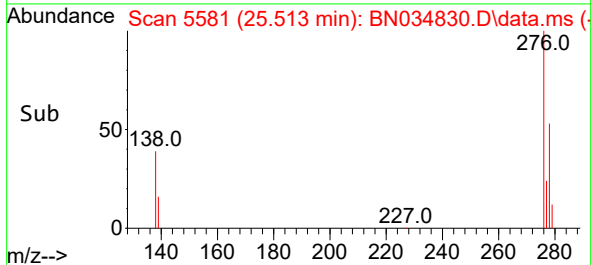
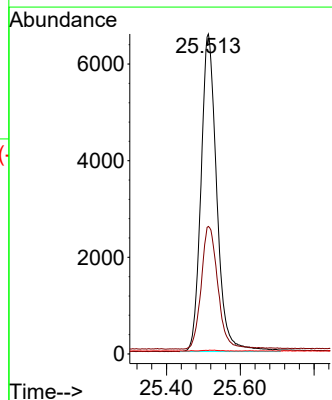
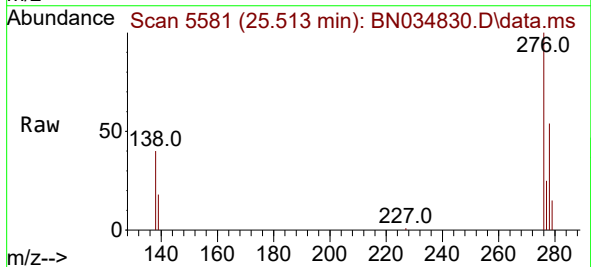
Instrument :
BNA_N
ClientSampleId :
SLCS449

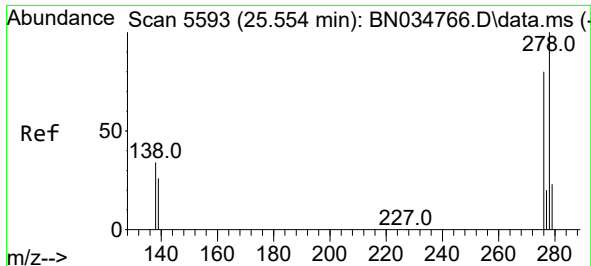
Tgt Ion:	252	Resp:	17251
Ion Ratio	Lower	Upper	
252	100		
253	25.7	20.0	30.0
125	25.8	19.8	29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 25.513 min Scan# 5581
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:	276	Resp:	19499
Ion Ratio	Lower	Upper	
276	100		
138	40.8	31.8	47.6
227	0.2	0.2	0.4

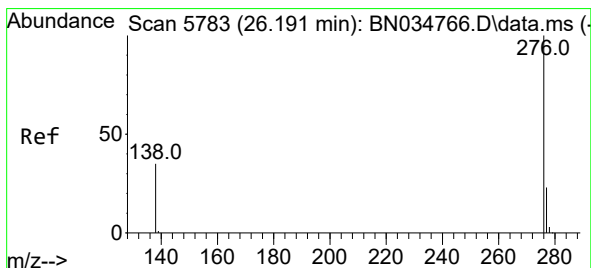
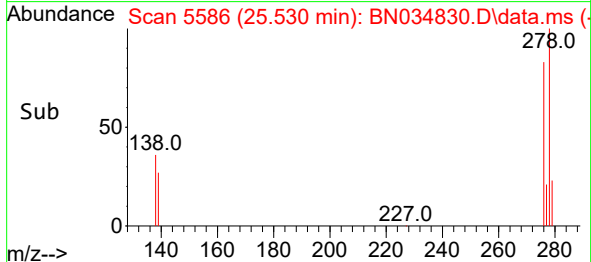
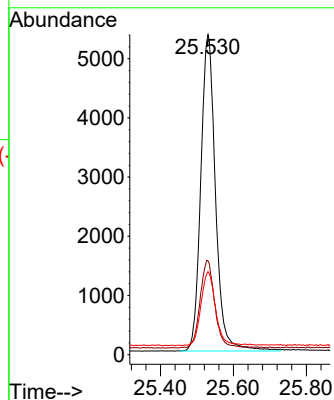
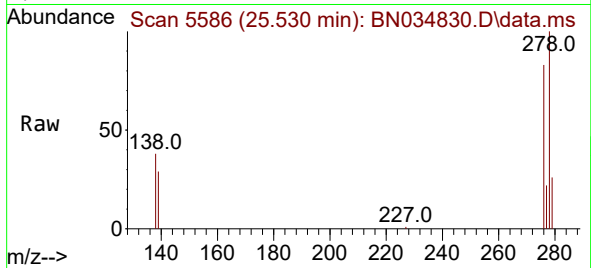




#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 25.530 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:278 Resp: 15004
Ion Ratio Lower Upper
278 100
139 29.3 23.4 35.2
279 26.0 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:276 Resp: 15619
Ion Ratio Lower Upper
276 100
138 37.4 28.8 43.2
277 25.0 20.2 30.2

