

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034834.D
 Acq On : 02 Nov 2024 09:26
 Operator : RC/JU
 Sample : PB164447BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS447

Quant Time: Nov 03 23:30:43 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)

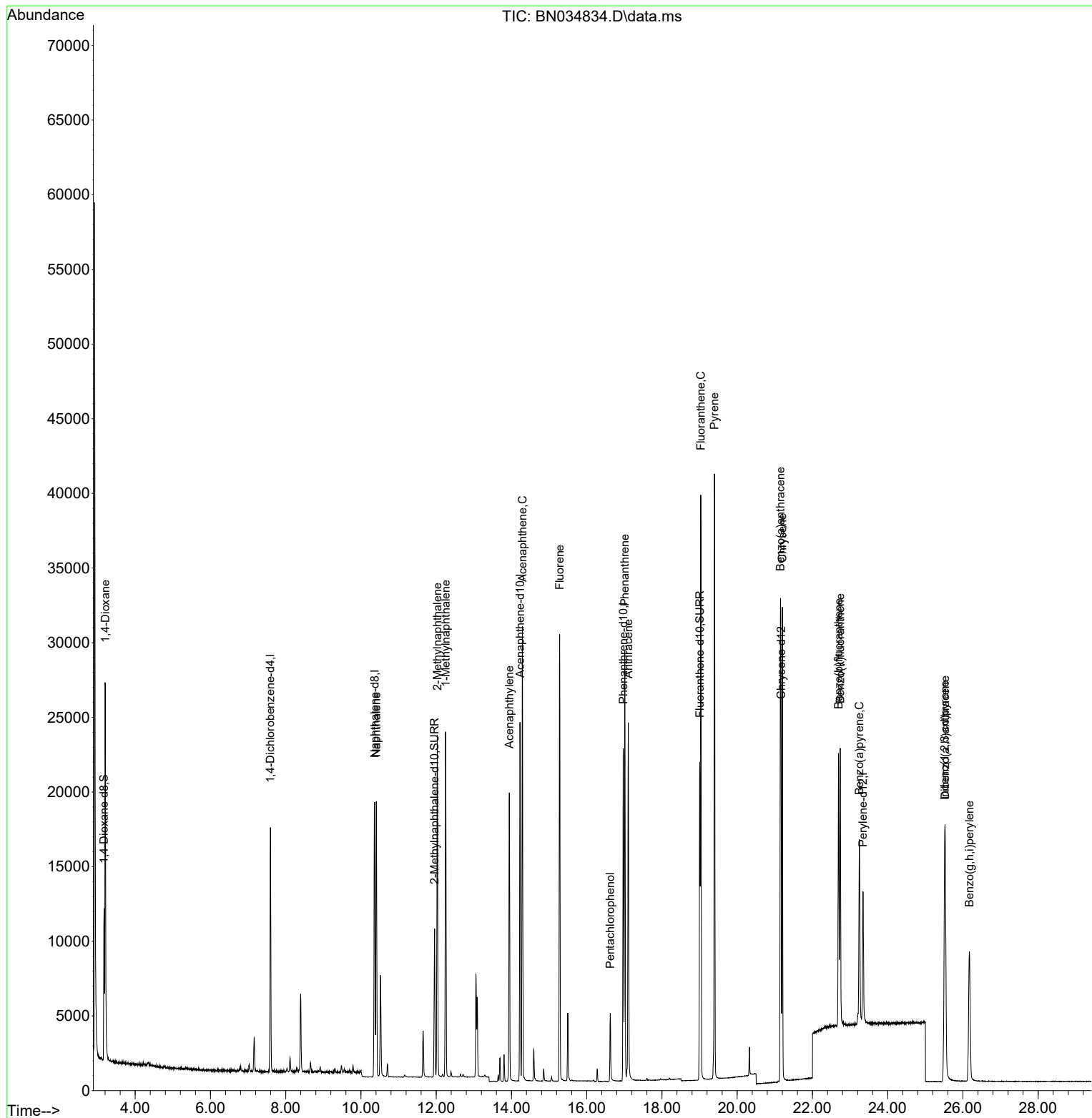
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	7960	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.361	136	23974	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	12226	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	23944	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	15148	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	11537	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	6194	0.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	12376	0.412	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	21190	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	16189	1.790	ng/ul#	85
5) Naphthalene	10.410	128	25042	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.027	142	15802	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.253	142	15929	0.379	ng/ul	100
10) Acenaphthylene	13.944	152	21217	0.381	ng/ul	99
11) Acenaphthene	14.291	153	16848	0.396	ng/ul	98
12) Fluorene	15.281	166	18165	0.383	ng/ul	99
14) Pentachlorophenol	16.624	266	3031	0.641	ng/ul	98
15) Phenanthrene	17.013	178	29149	0.403	ng/ul	100
16) Anthracene	17.106	178	25930	0.387	ng/ul	99
19) Fluoranthene	19.032	202	30670	0.417	ng/ul	97
20) Pyrene	19.395	202	31685	0.414	ng/ul	95
21) Benzo(a)anthracene	21.148	228	24500	0.404	ng/ul	100
22) Chrysene	21.201	228	25808	0.425	ng/ul	100
24) Benzo(b)fluoranthene	22.691	252	20990	0.447	ng/ul	99
25) Benzo(k)fluoranthene	22.738	252	21562	0.455	ng/ul	100
26) Benzo(a)pyrene	23.247	252	17132	0.424	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.514	276	19905	0.462	ng/ul	97
28) Dibenzo(a,h)anthracene	25.530	278	15280	0.470	ng/ul	100
29) Benzo(g,h,i)perylene	26.171	276	16078	0.475	ng/ul	98

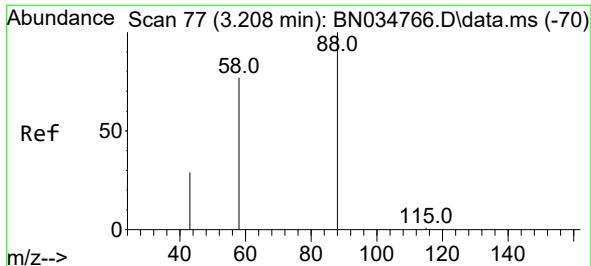
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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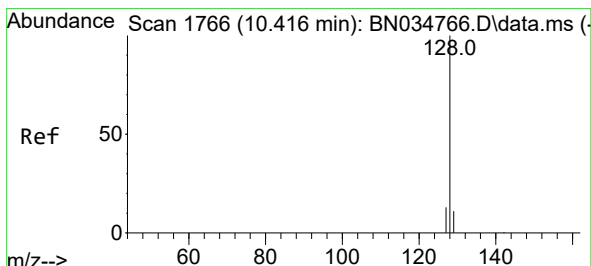
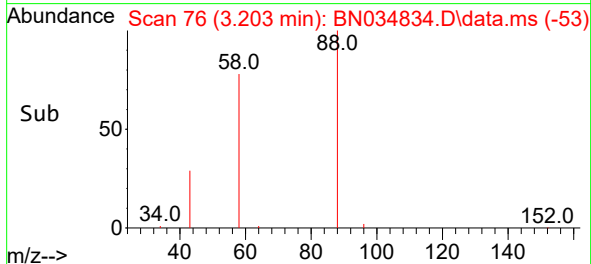
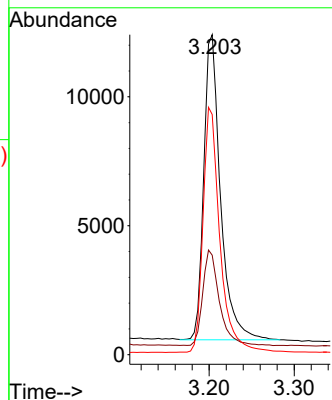
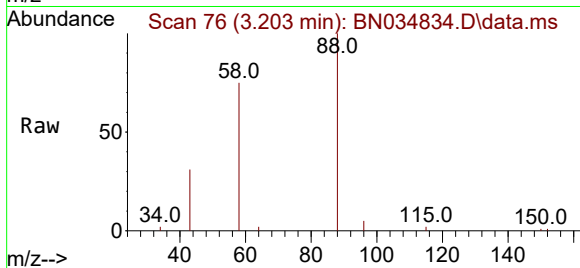




#2
1,4-Dioxane
Concen: 1.790 ng/ul
RT: 3.203 min Scan# 76
Delta R.T. -0.004 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

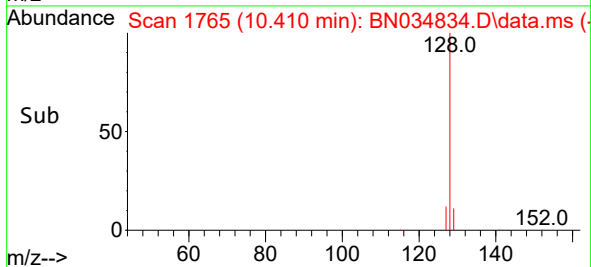
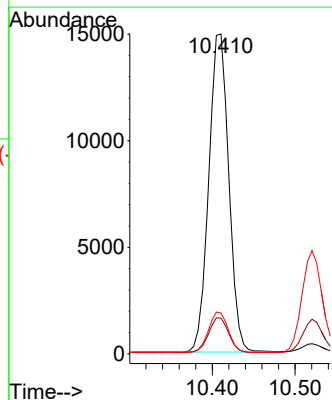
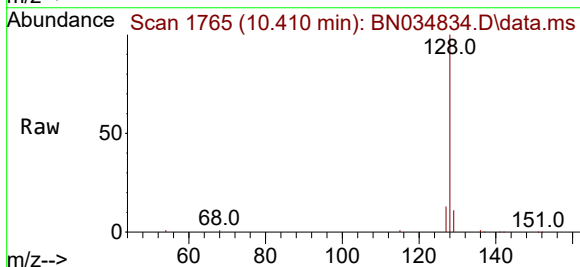
Instrument :
BNA_N
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SLCS447

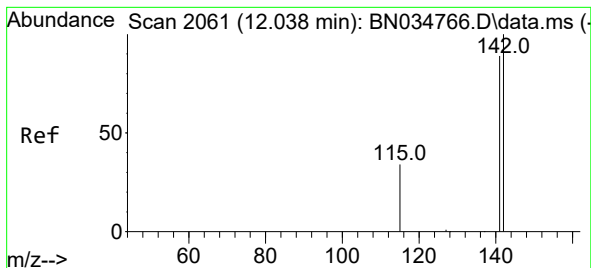
Tgt Ion: 88 Resp: 16189
Ion Ratio Lower Upper
88 100
43 31.1 41.9 62.9#
58 75.1 57.5 86.3



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:128 Resp: 25042
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.8 10.5 15.7

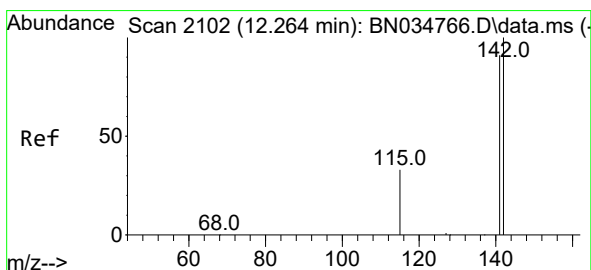
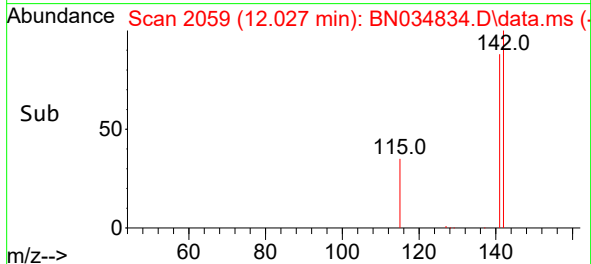
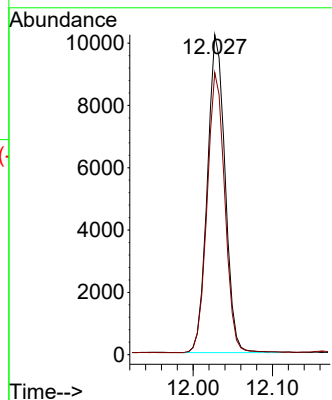
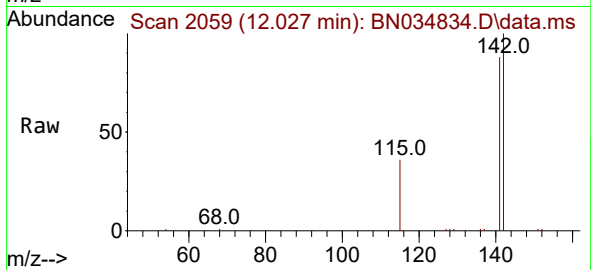




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.027 min Scan# 2059
Delta R.T. -0.017 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

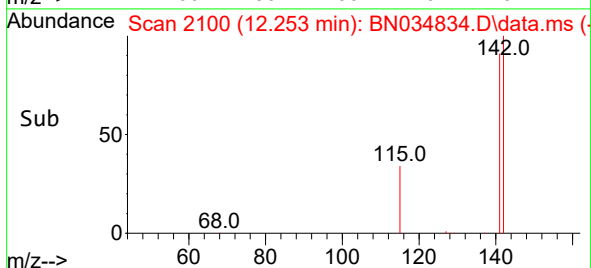
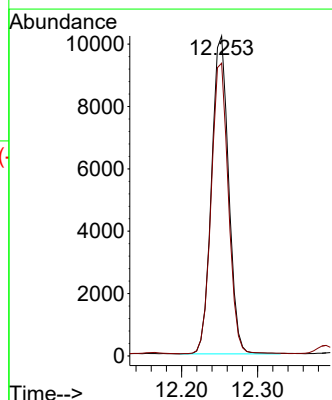
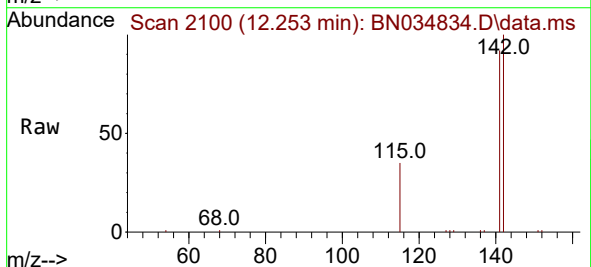
Instrument :
BNA_N
ClientSampleId :
SLCS447

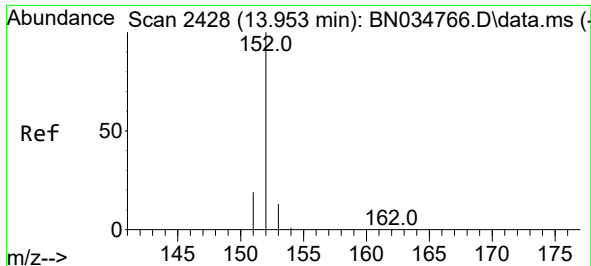
Tgt Ion:142 Resp: 15802
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:142 Resp: 15929
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

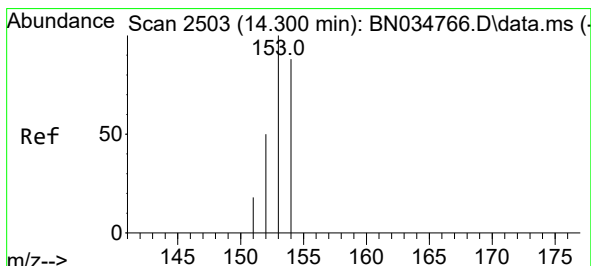
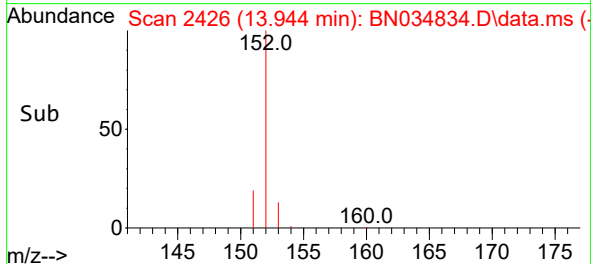
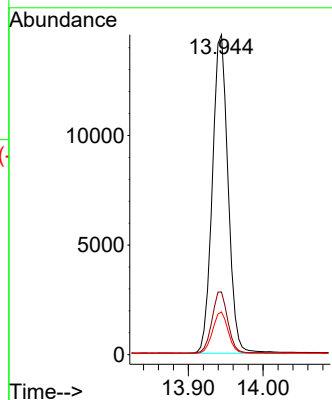
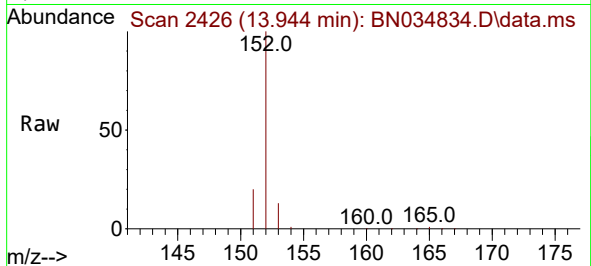




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.944 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

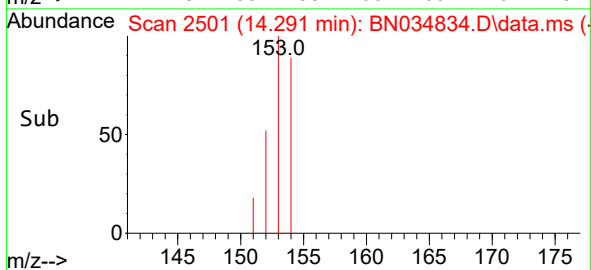
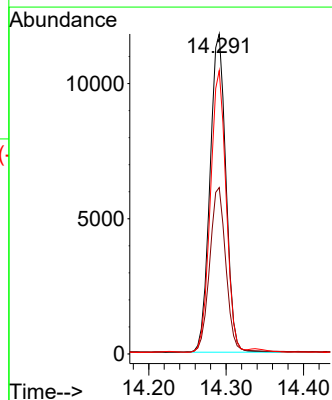
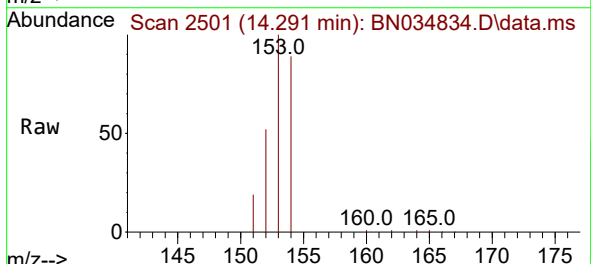
Instrument :
BNA_N
ClientSampleId :
SLCS447

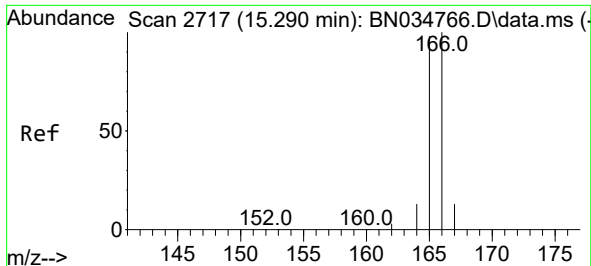
Tgt Ion:152 Resp: 21217
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:153 Resp: 16848
Ion Ratio Lower Upper
153 100
152 52.0 40.3 60.5
154 88.5 69.9 104.9

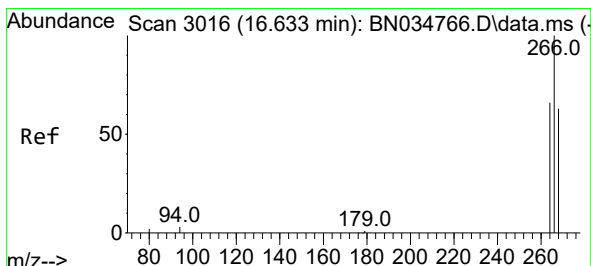
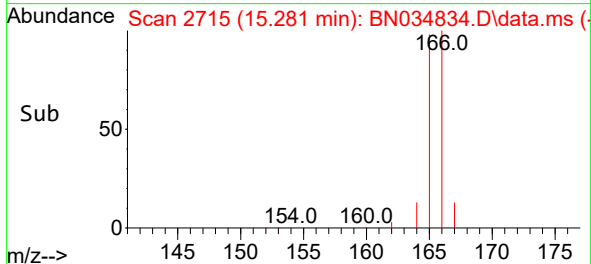
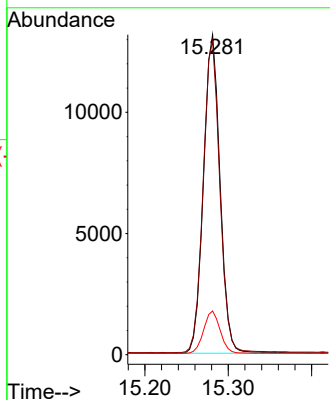
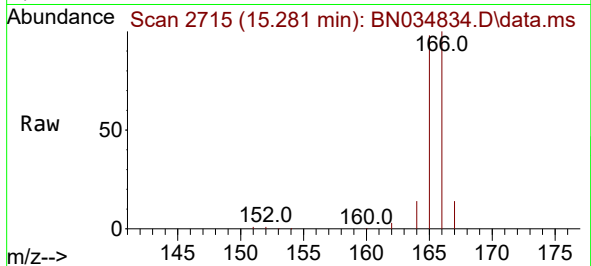




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.281 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

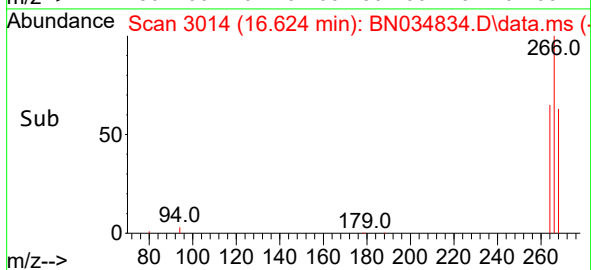
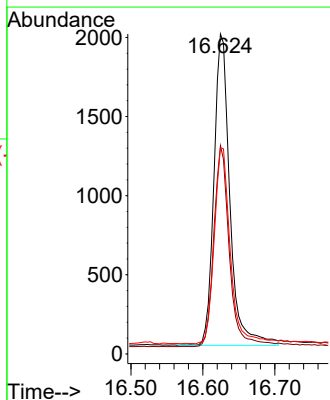
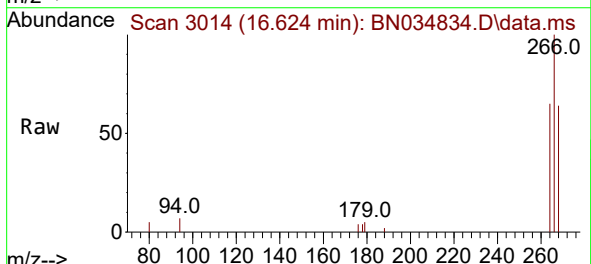
Instrument :
BNA_N
ClientSampleId :
SLCS447

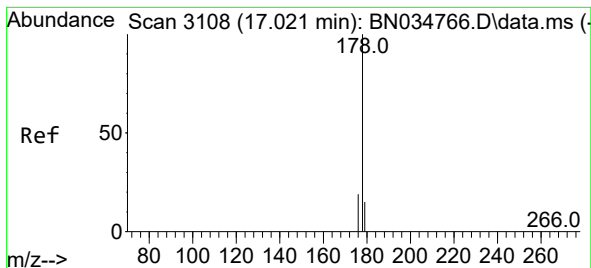
Tgt Ion:166 Resp: 18165
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 16.624 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:266 Resp: 3031
Ion Ratio Lower Upper
266 100
264 63.3 50.1 75.1
268 63.2 52.0 78.0





#15

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.013 min Scan# 3106

Delta R.T. -0.013 min

Lab File: BN034834.D

Acq: 02 Nov 2024 09:26

Instrument :

BNA_N

ClientSampleId :

SLCS447

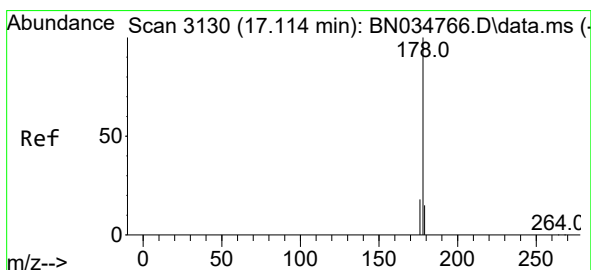
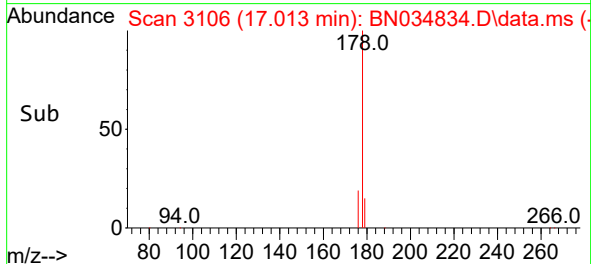
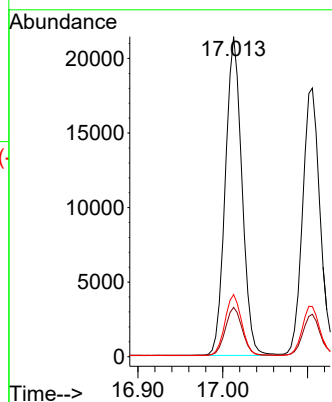
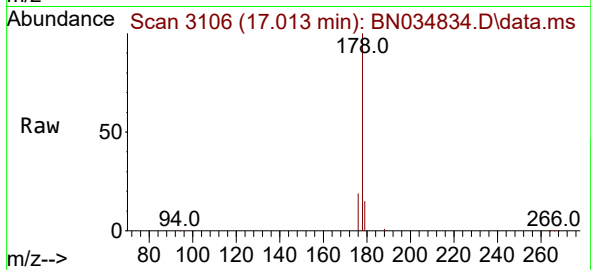
Tgt Ion:178 Resp: 29149

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.4 15.4 23.0



#16

Anthracene

Concen: 0.387 ng/ul

RT: 17.106 min Scan# 3128

Delta R.T. -0.009 min

Lab File: BN034834.D

Acq: 02 Nov 2024 09:26

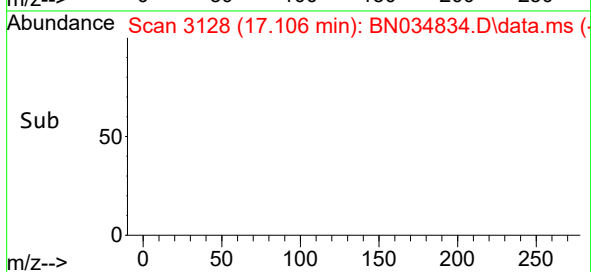
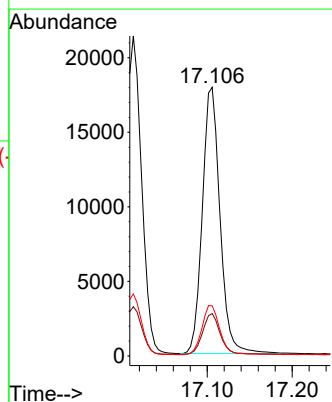
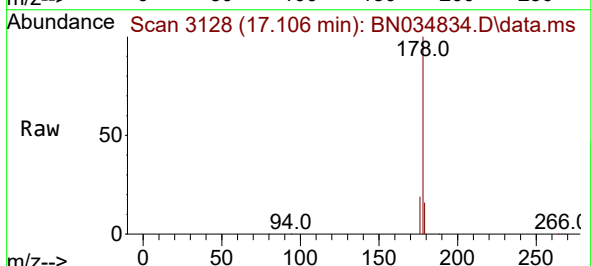
Tgt Ion:178 Resp: 25930

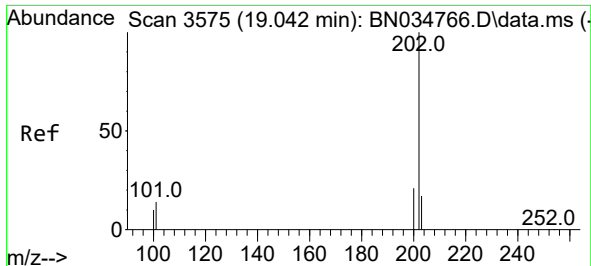
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.6 15.1 22.7

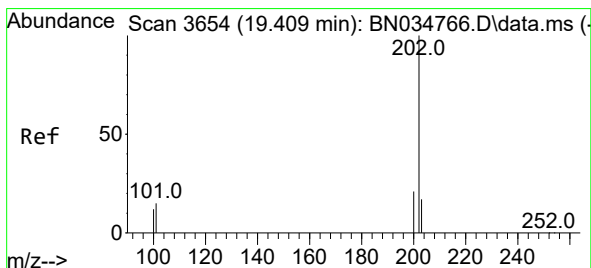
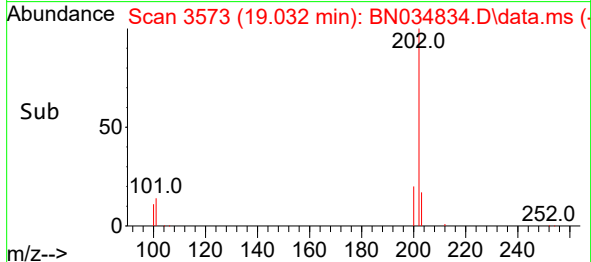
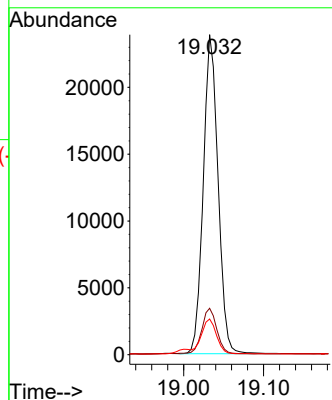
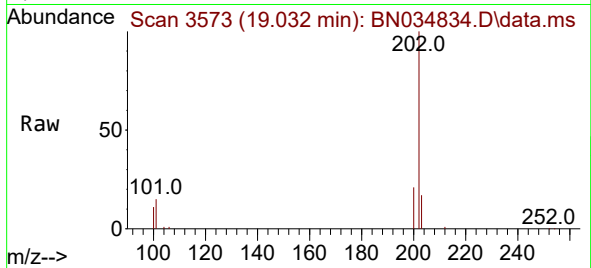




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.032 min Scan# 3573
Delta R.T. -0.014 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

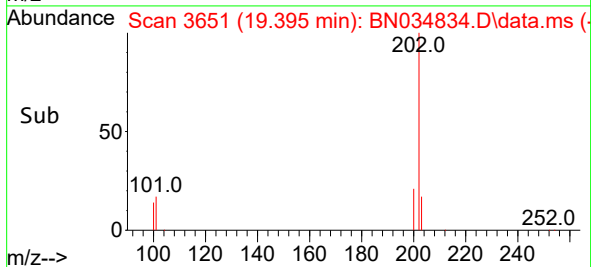
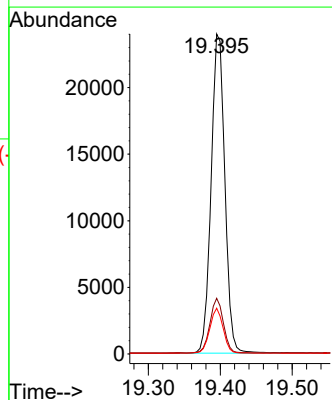
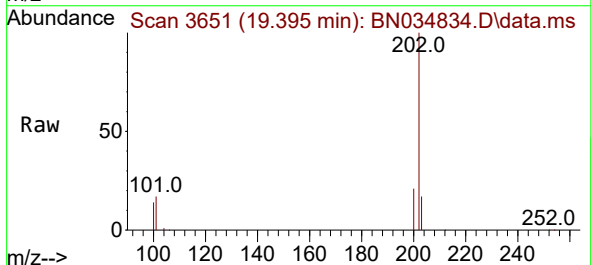
Instrument :
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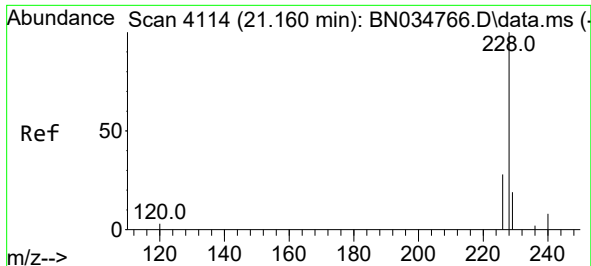
Tgt Ion:202 Resp: 30670
Ion Ratio Lower Upper
202 100
101 14.5 10.8 16.2
100 11.2 8.2 12.2



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.395 min Scan# 3651
Delta R.T. -0.014 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:202 Resp: 31685
Ion Ratio Lower Upper
202 100
101 17.4 12.4 18.6
100 14.3 10.0 15.0

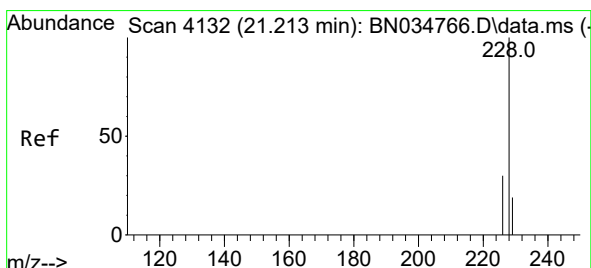
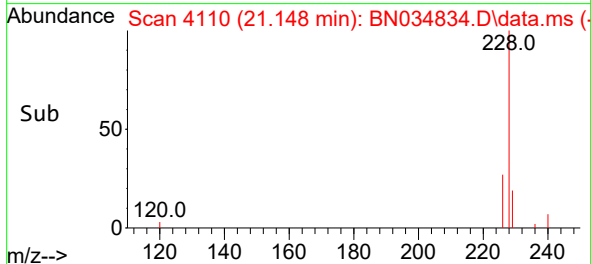
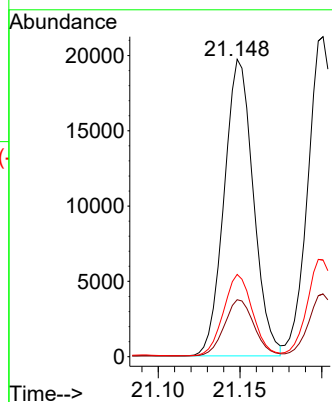
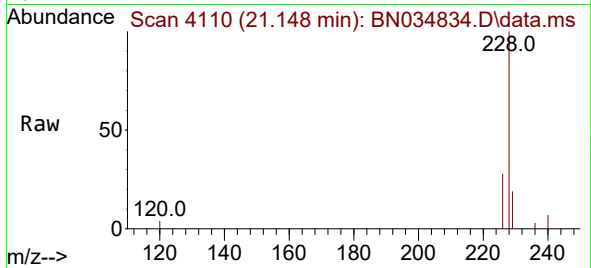




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

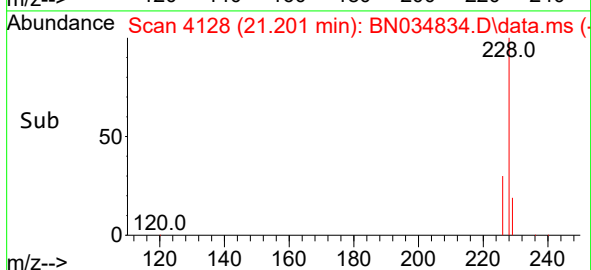
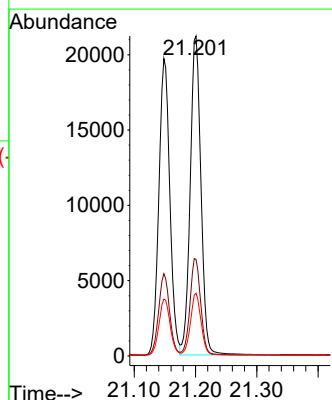
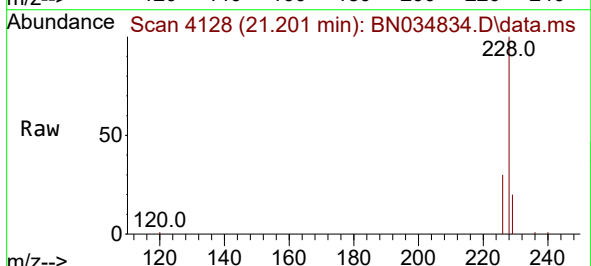
Instrument :
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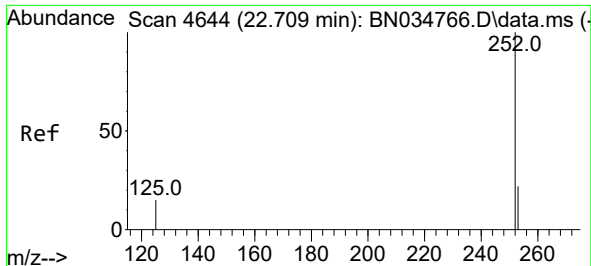
Tgt Ion:228 Resp: 24500
Ion Ratio Lower Upper
228 100
229 19.2 15.5 23.3
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:228 Resp: 25808
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.6 15.6 23.4

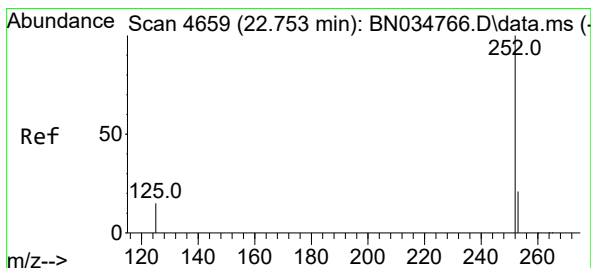
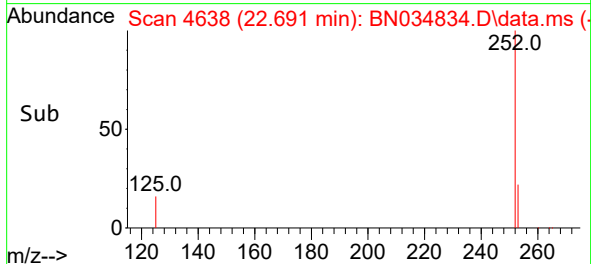
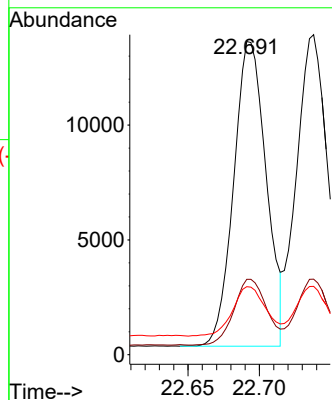
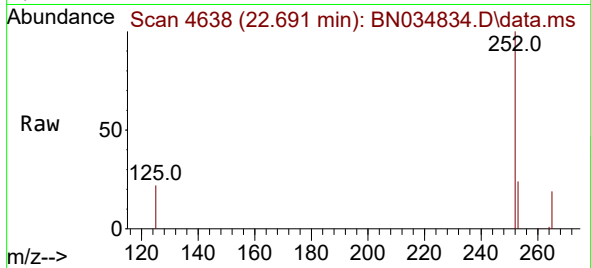




#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.018 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

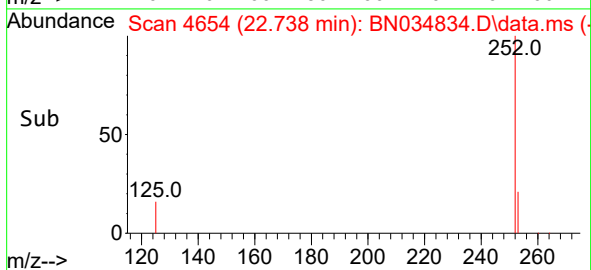
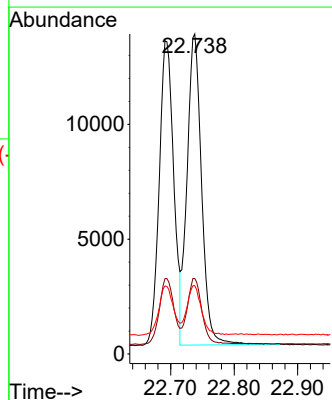
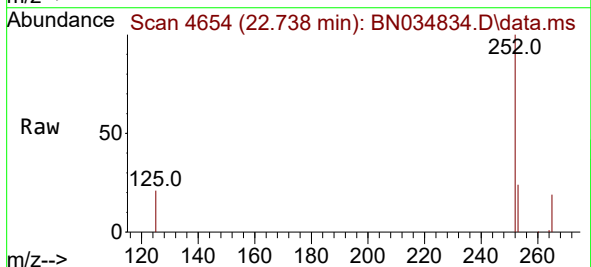
Instrument :
BNA_N
ClientSampleId :
SLCS447

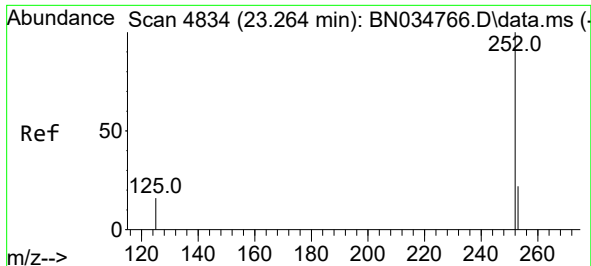
Tgt Ion:252 Resp: 20990
Ion Ratio Lower Upper
252 100
253 24.1 0.0 47.6
125 21.7 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:252 Resp: 21562
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 21.4 17.0 25.4

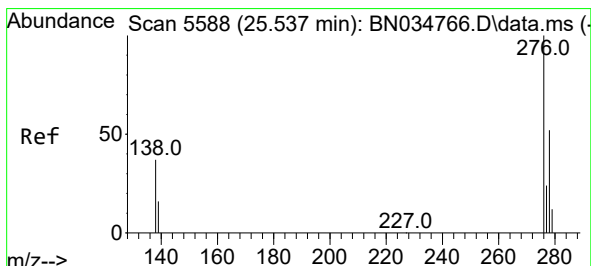
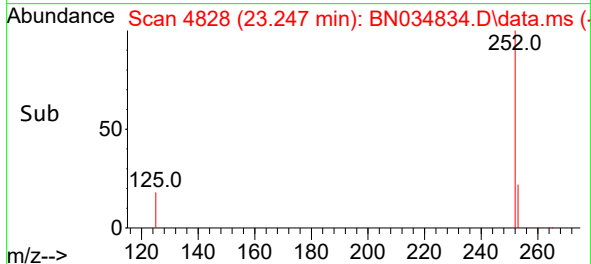
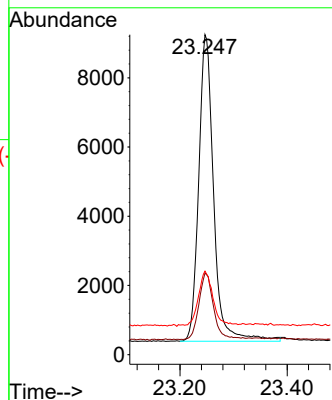
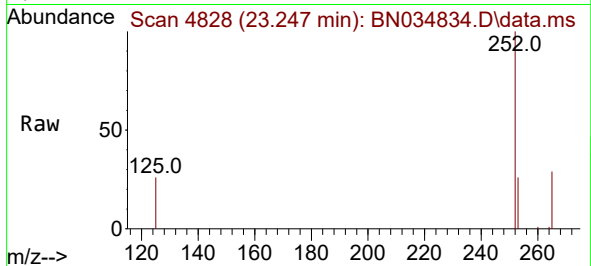




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.247 min Scan# 4828
Delta R.T. -0.018 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

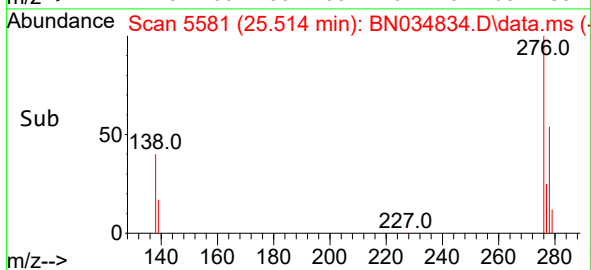
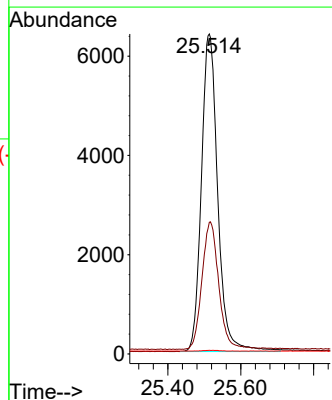
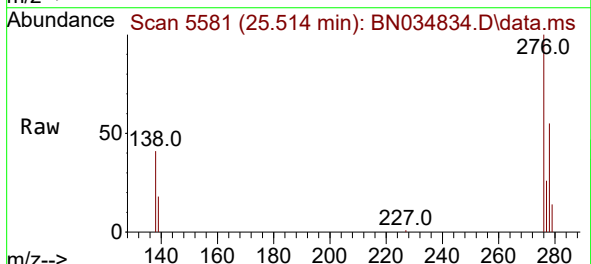
Instrument :
BNA_N
ClientSampleId :
SLCS447

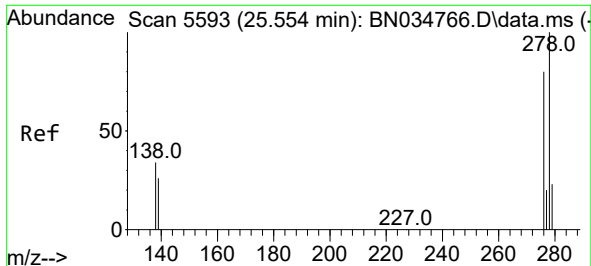
Tgt Ion:252 Resp: 17132
Ion Ratio Lower Upper
252 100
253 25.5 20.0 30.0
125 26.1 19.8 29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 25.514 min Scan# 5581
Delta R.T. -0.024 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:276 Resp: 19905
Ion Ratio Lower Upper
276 100
138 41.3 31.8 47.6
227 0.3 0.2 0.4

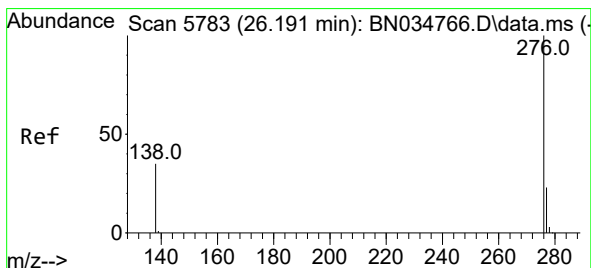
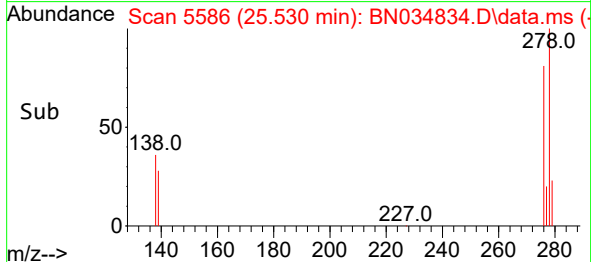
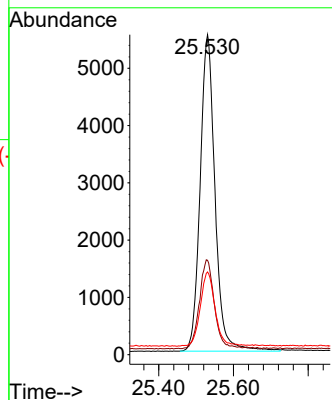
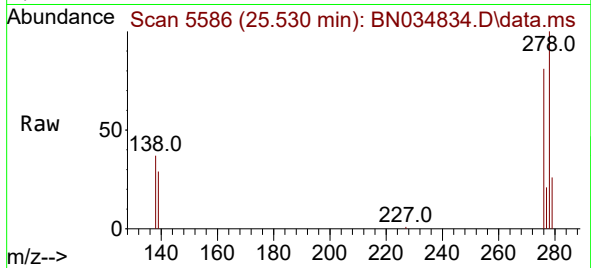




#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 25.530 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Instrument :
BNA_N
ClientSampleId :
SLCS447

Tgt Ion:278 Resp: 15280
Ion Ratio Lower Upper
278 100
139 29.5 23.4 35.2
279 25.8 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.475 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.024 min
Lab File: BN034834.D
Acq: 02 Nov 2024 09:26

Tgt Ion:276 Resp: 16078
Ion Ratio Lower Upper
276 100
138 37.9 28.8 43.2
277 24.9 20.2 30.2

