

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034782.D
 Acq On : 01 Nov 2024 00:54
 Operator : RC/JU
 Sample : PB164390BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS390

Quant Time: Nov 03 23:24:02 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

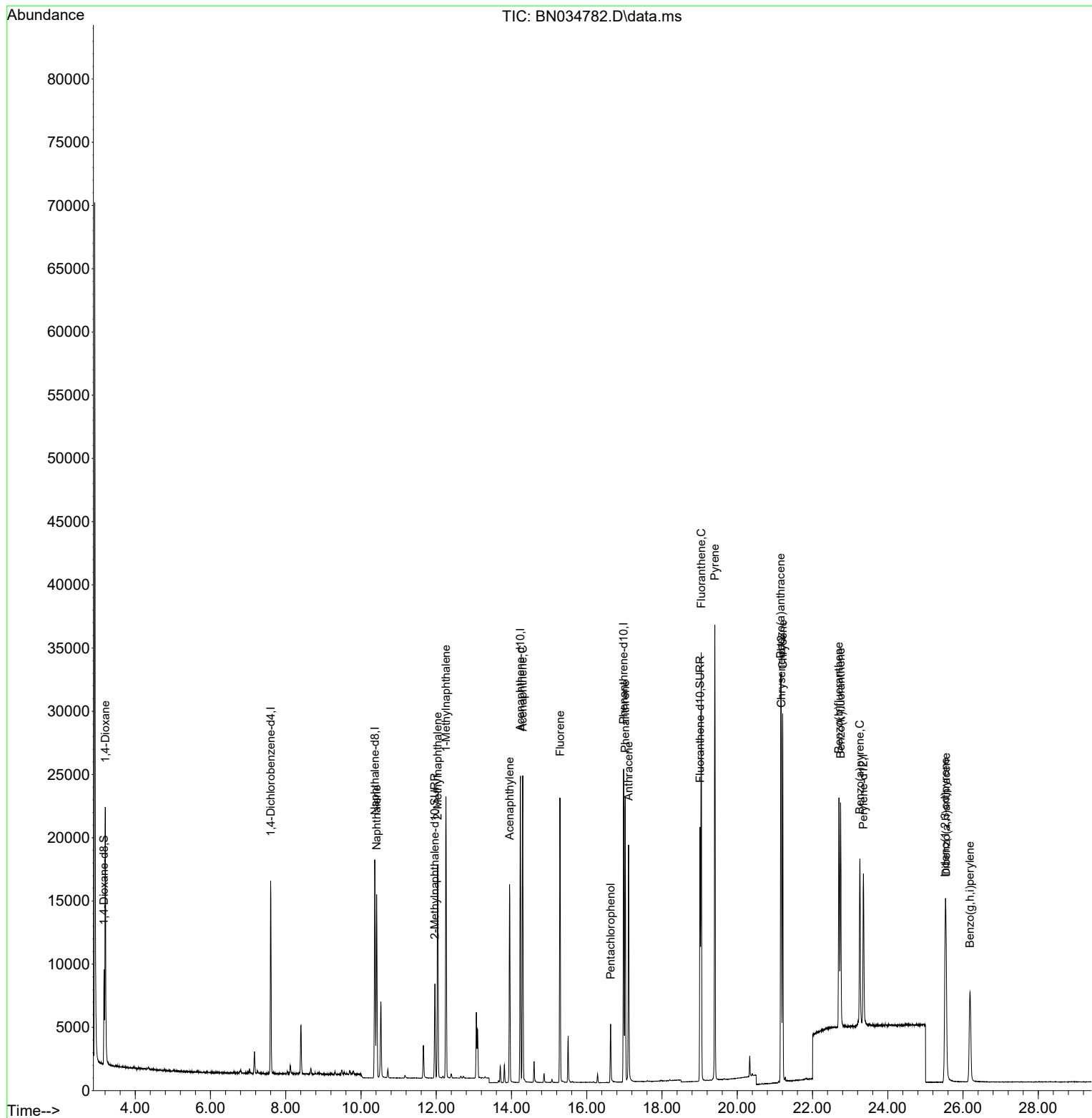
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	22241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	12614	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	26243	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	18346	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	15555	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	4722	0.627	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	9693	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	19875	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	12853	1.554	ng/ul#	85
5) Naphthalene	10.416	128	18897	0.321	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	11919	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.258	142	14573	0.374	ng/ul	100
10) Acenaphthylene	13.949	152	17235	0.300	ng/ul	99
11) Acenaphthene	14.296	153	13521	0.308	ng/ul	100
12) Fluorene	15.290	166	14016	0.286	ng/ul	98
14) Pentachlorophenol	16.633	266	3090	0.597	ng/ul	99
15) Phenanthrene	17.021	178	23314	0.294	ng/ul	99
16) Anthracene	17.110	178	20467	0.279	ng/ul	100
19) Fluoranthene	19.042	202	26574	0.299	ng/ul	98
20) Pyrene	19.404	202	28058	0.303	ng/ul	99
21) Benzo(a)anthracene	21.154	228	23166	0.316	ng/ul	99
22) Chrysene	21.207	228	23172	0.315	ng/ul	100
24) Benzo(b)fluoranthene	22.703	252	20926	0.331	ng/ul	98
25) Benzo(k)fluoranthene	22.747	252	21192	0.332	ng/ul	99
26) Benzo(a)pyrene	23.258	252	17511	0.321	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.524	276	17975	0.310	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.547	278	13124	0.299	ng/ul	99
29) Benzo(g,h,i)perylene	26.184	276	13764	0.302	ng/ul	99

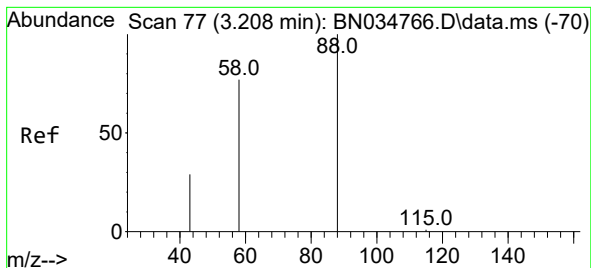
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.554 ng/ul

RT: 3.203 min Scan# 7

Delta R.T. -0.004 min

Lab File: BN034782.D

Acq: 01 Nov 2024 00:54

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SLCS390

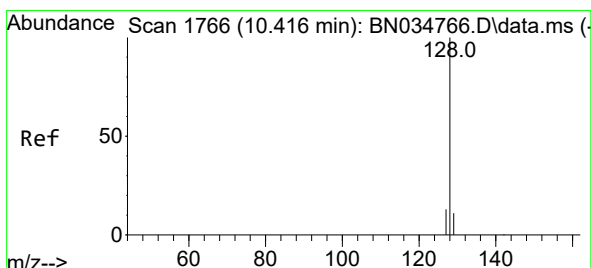
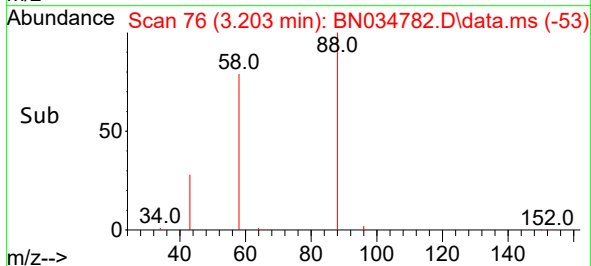
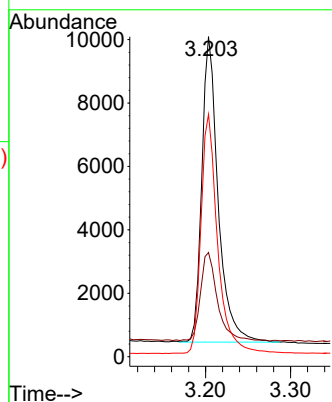
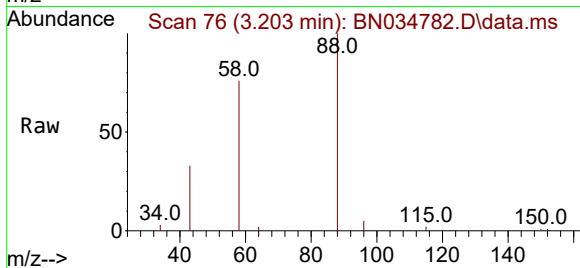
Tgt Ion: 88 Resp: 12853

Ion Ratio Lower Upper

88 100

43 32.6 41.9 62.9#

58 75.7 57.5 86.3



#5

Naphthalene

Concen: 0.321 ng/ul

RT: 10.416 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN034782.D

Acq: 01 Nov 2024 00:54

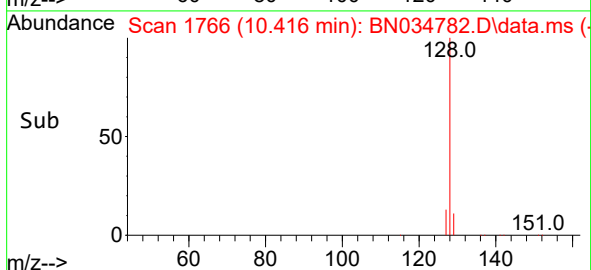
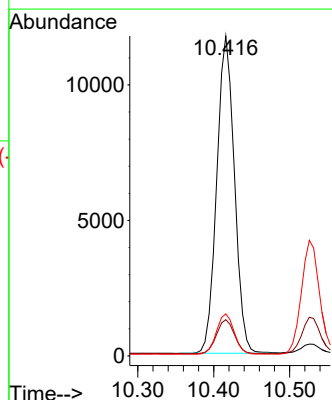
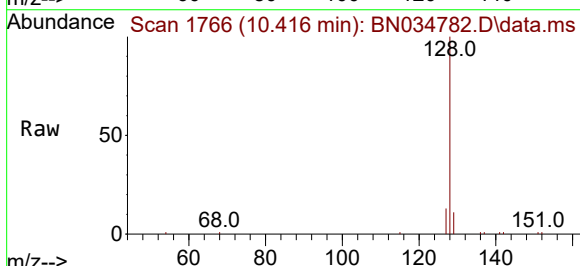
Tgt Ion:128 Resp: 18897

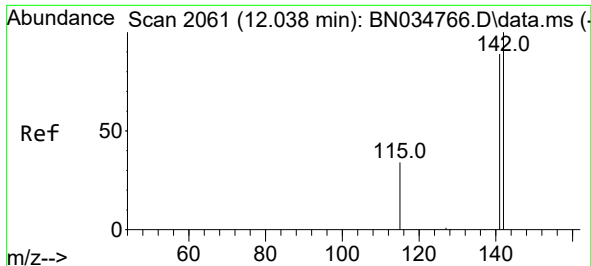
Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.1 10.5 15.7

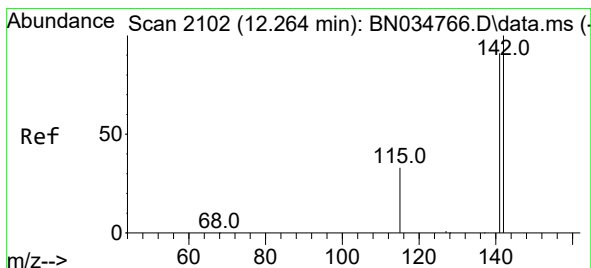
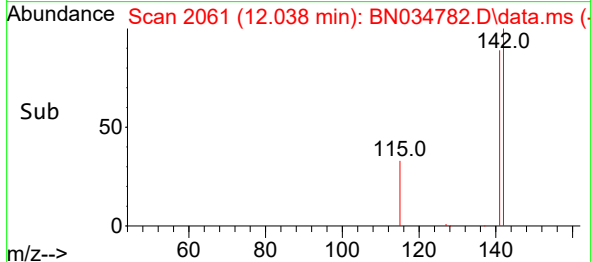
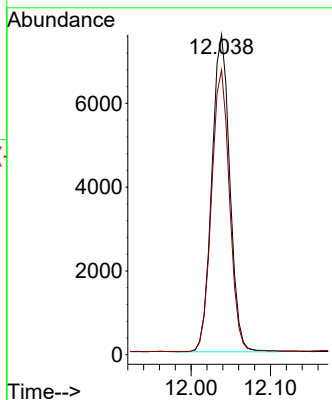
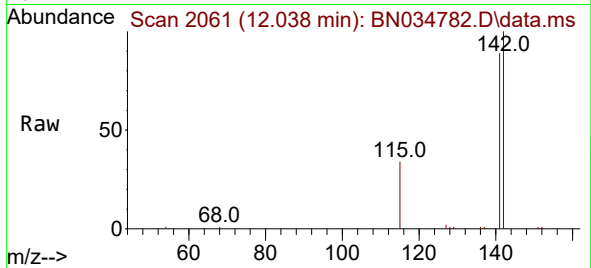




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.038 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

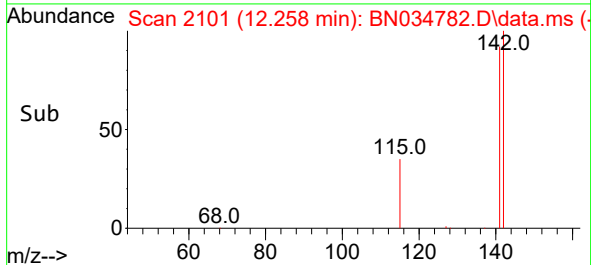
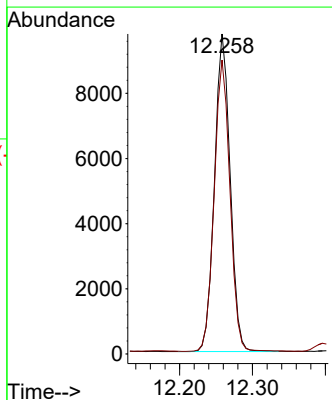
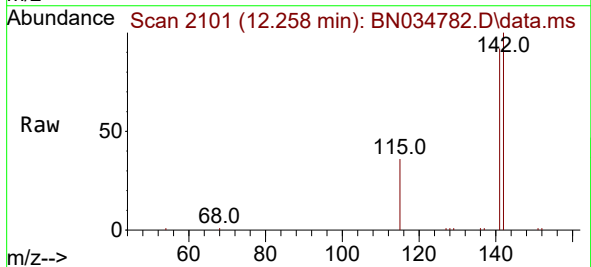
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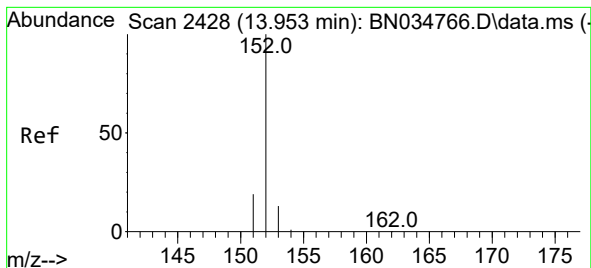
Tgt Ion:142 Resp: 11919
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:142 Resp: 14573
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4





#10

Acenaphthylene

Concen: 0.300 ng/ul

RT: 13.949 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BN034782.D

Acq: 01 Nov 2024 00:54

Instrument :

BNA_N

ClientSampleId :

SLCS390

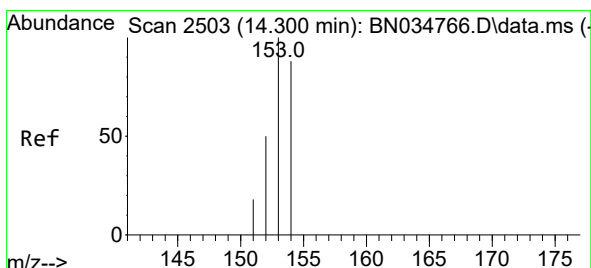
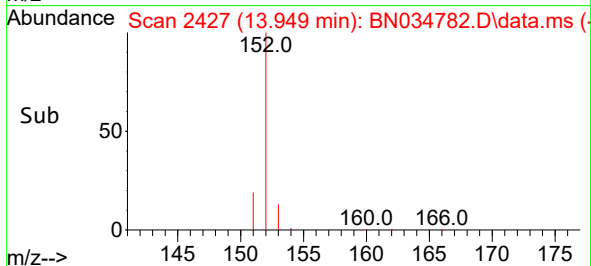
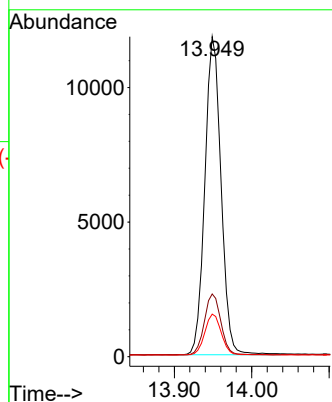
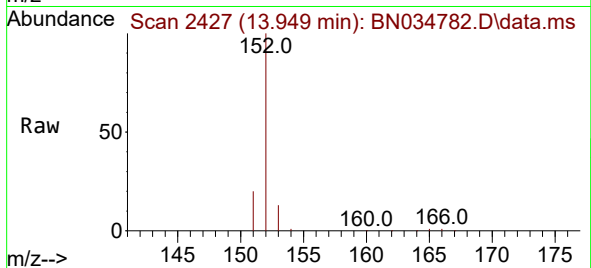
Tgt Ion:152 Resp: 17235

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.3 10.7 16.1



#11

Acenaphthene

Concen: 0.308 ng/ul

RT: 14.296 min Scan# 2502

Delta R.T. -0.005 min

Lab File: BN034782.D

Acq: 01 Nov 2024 00:54

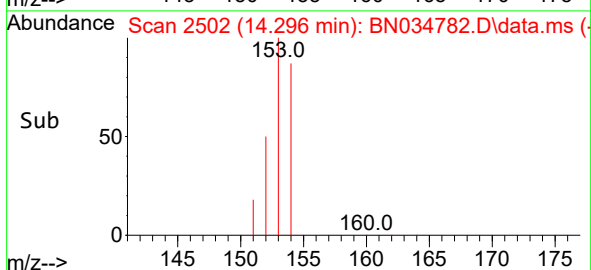
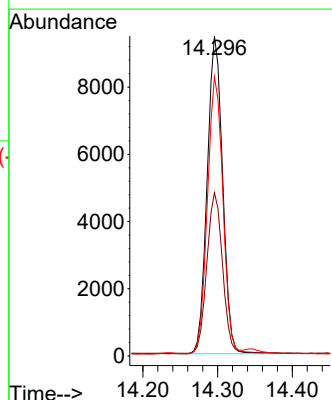
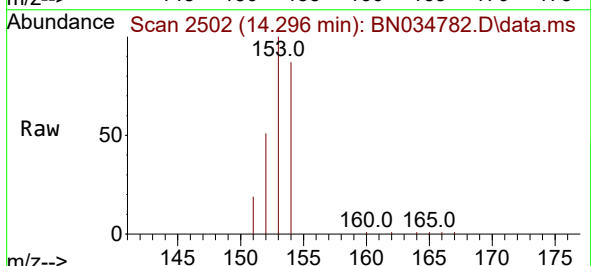
Tgt Ion:153 Resp: 13521

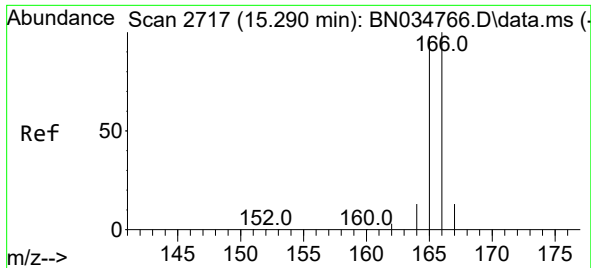
Ion Ratio Lower Upper

153 100

152 51.0 40.3 60.5

154 87.2 69.9 104.9

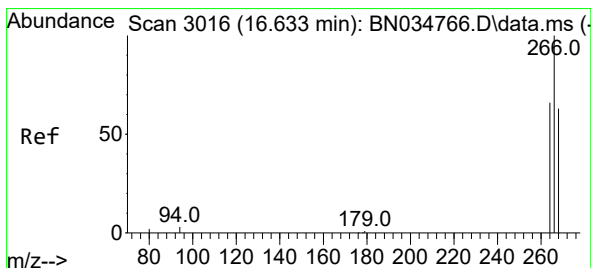
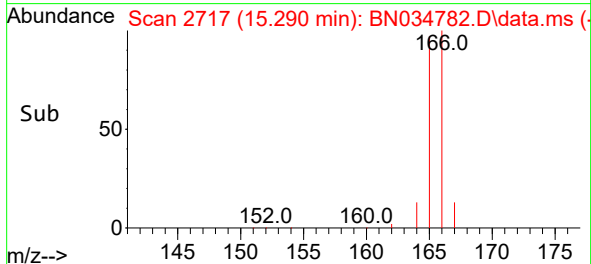
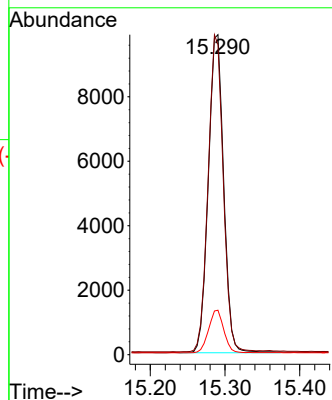
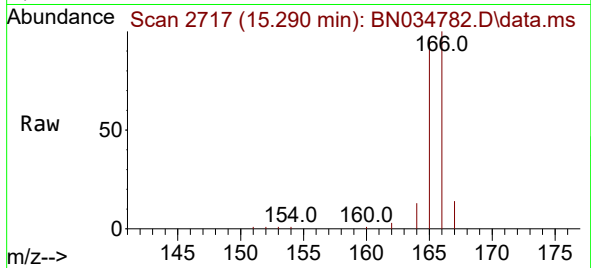




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.290 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

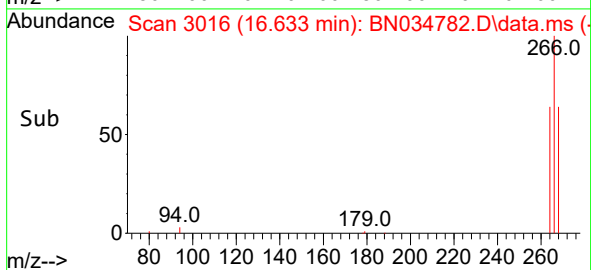
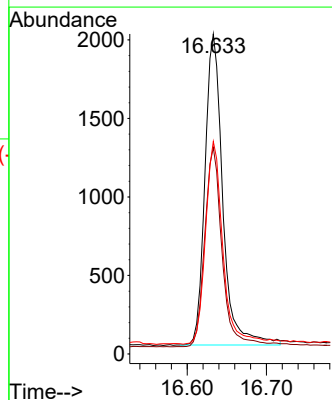
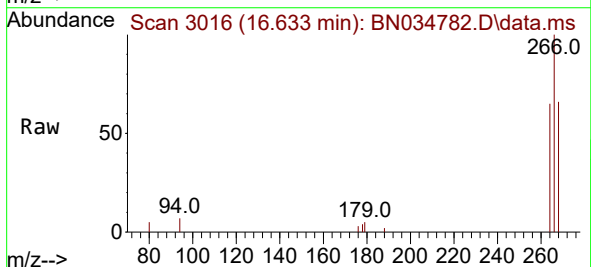
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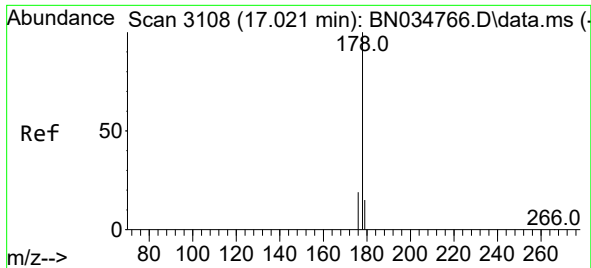
Tgt Ion:166 Resp: 14016
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:266 Resp: 3090
Ion Ratio Lower Upper
266 100
264 63.4 50.1 75.1
268 64.5 52.0 78.0

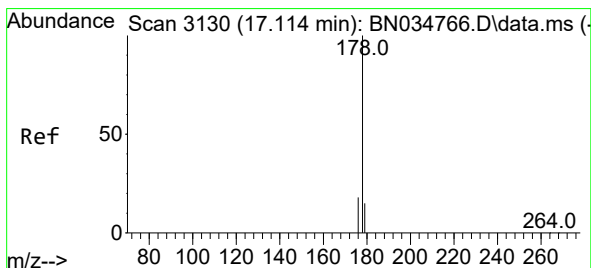
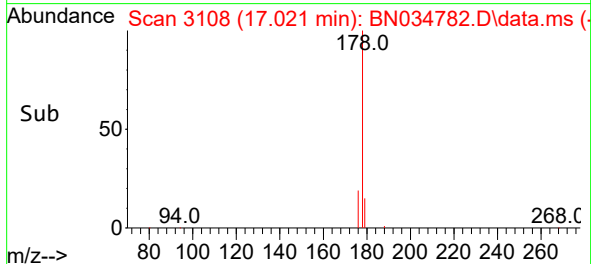
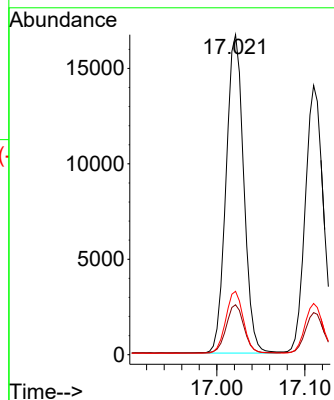
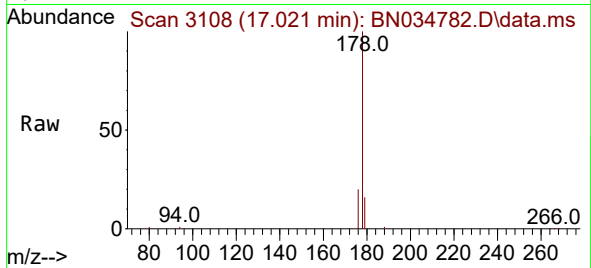




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

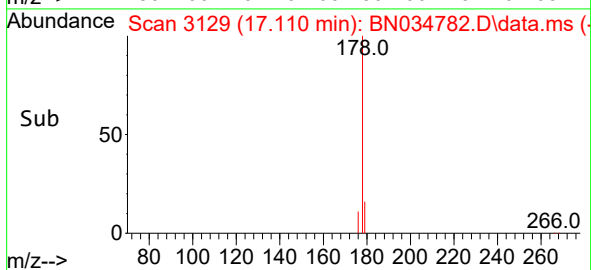
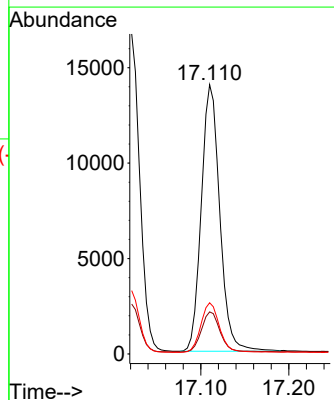
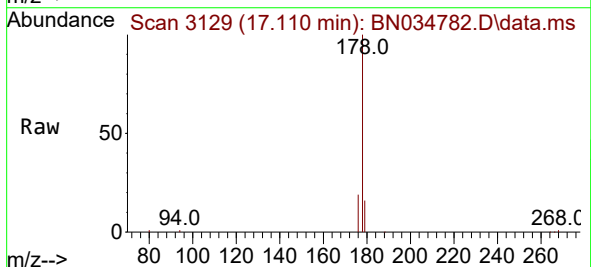
Instrument :
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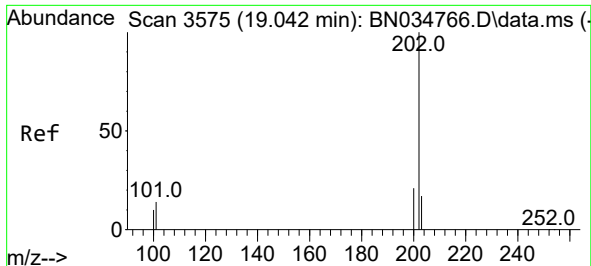
Tgt Ion:178 Resp: 23314
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.8 15.4 23.0



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:178 Resp: 20467
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.0 15.1 22.7

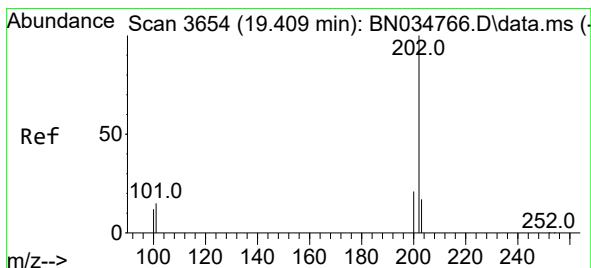
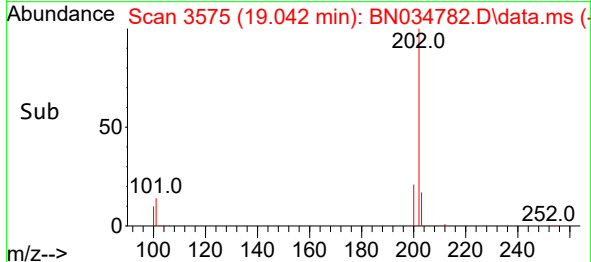
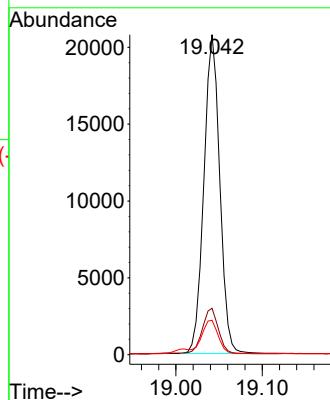
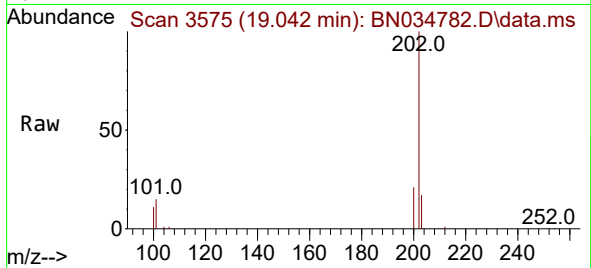




#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

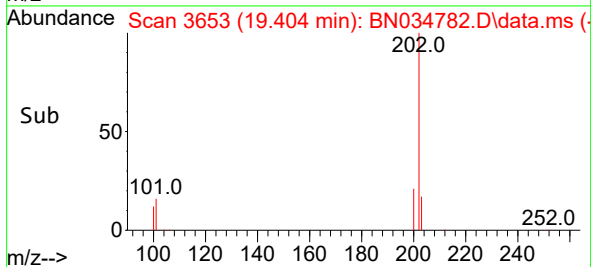
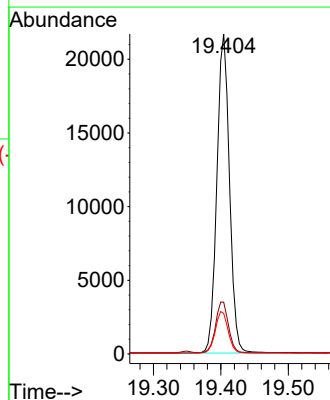
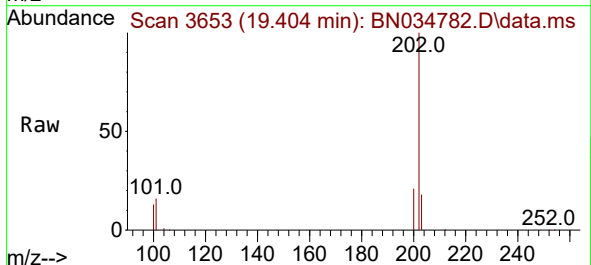
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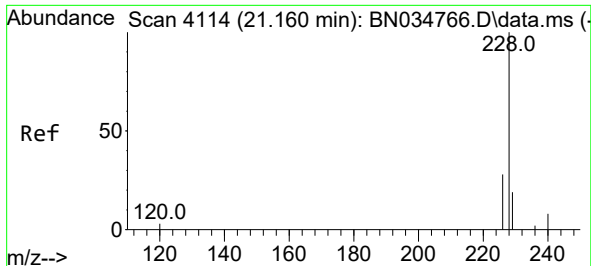
Tgt Ion:202 Resp: 26574
Ion Ratio Lower Upper
202 100
101 14.5 10.8 16.2
100 10.7 8.2 12.2



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:202 Resp: 28058
Ion Ratio Lower Upper
202 100
101 16.2 12.4 18.6
100 12.7 10.0 15.0

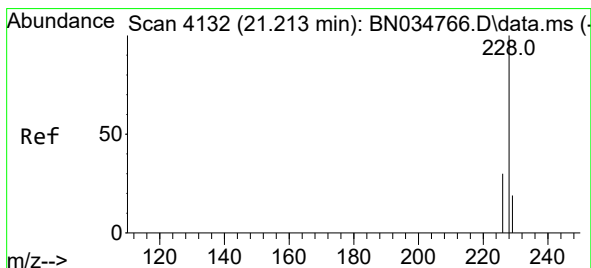
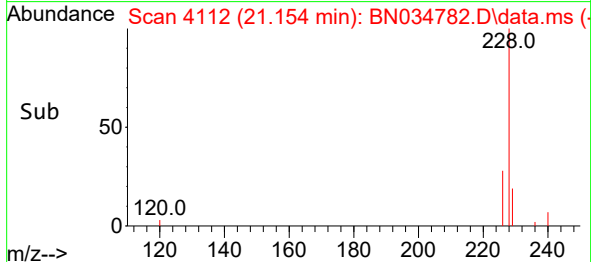
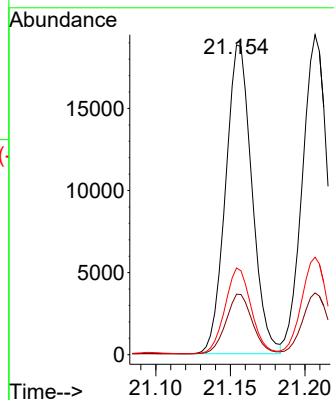
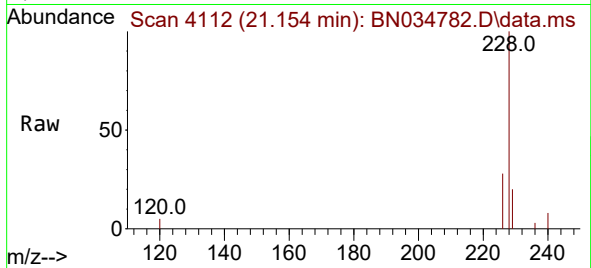




#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.154 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

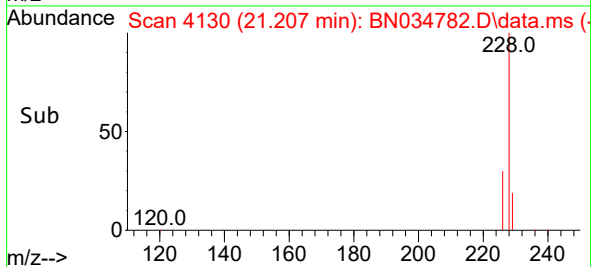
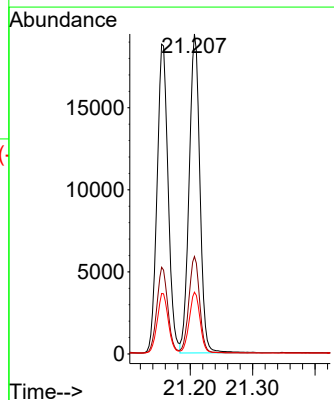
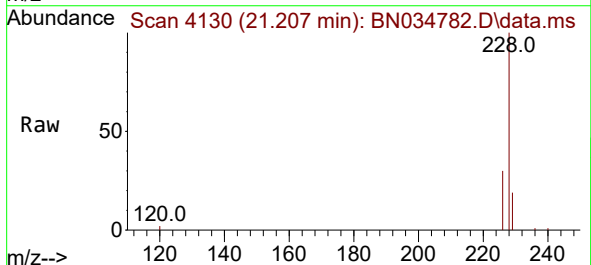
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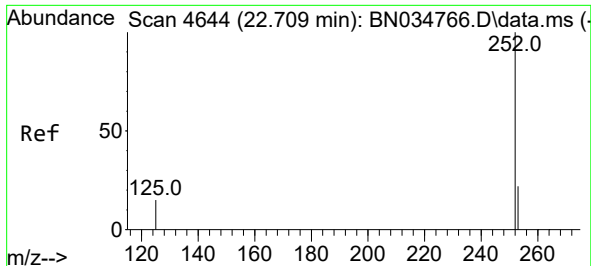
Tgt Ion:228 Resp: 23166
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:228 Resp: 23172
Ion Ratio Lower Upper
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226 30.4 24.3 36.5
229 19.3 15.6 23.4

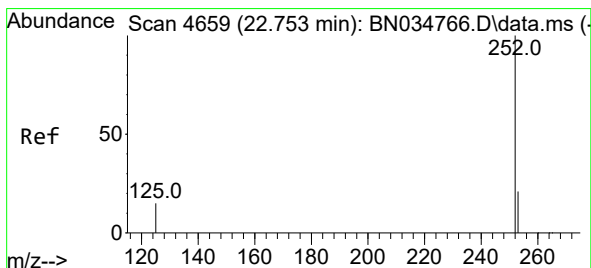
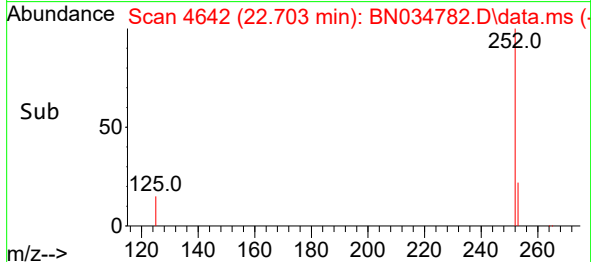
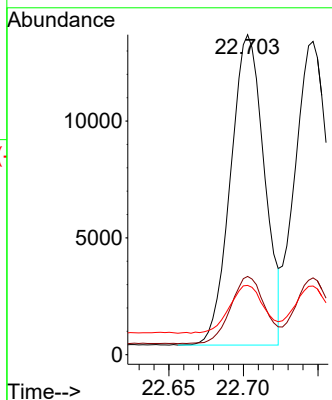
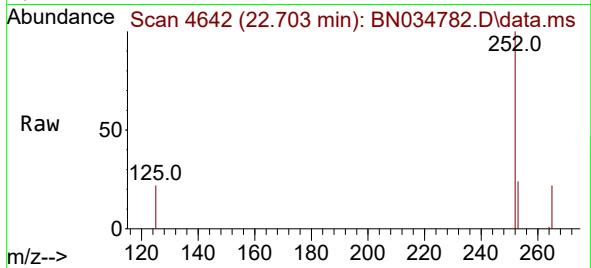




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

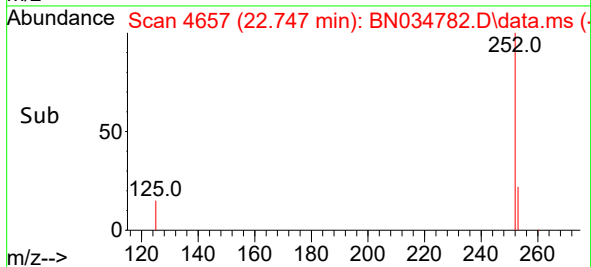
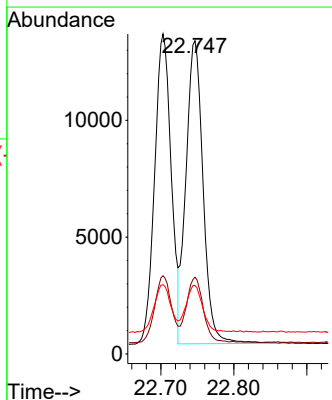
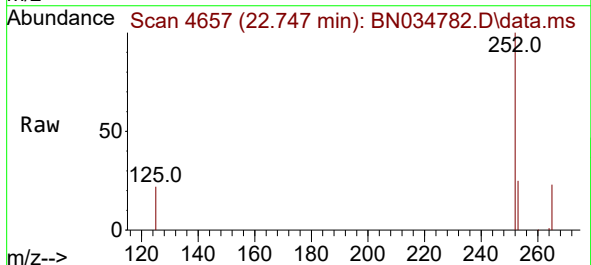
Instrument :
BNA_N
ClientSampleId :
SLCS390

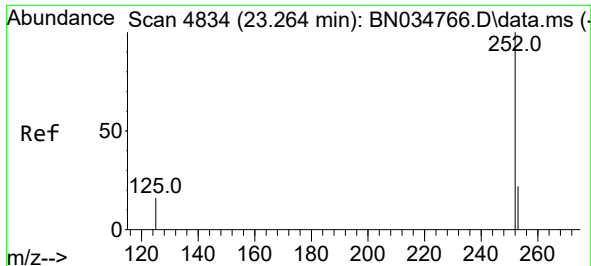
Tgt Ion:252 Resp: 20926
Ion Ratio Lower Upper
252 100
253 24.4 0.0 47.6
125 21.6 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:252 Resp: 21192
Ion Ratio Lower Upper
252 100
253 24.5 19.1 28.7
125 21.9 17.0 25.4

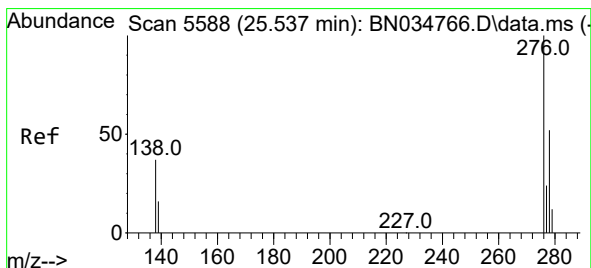
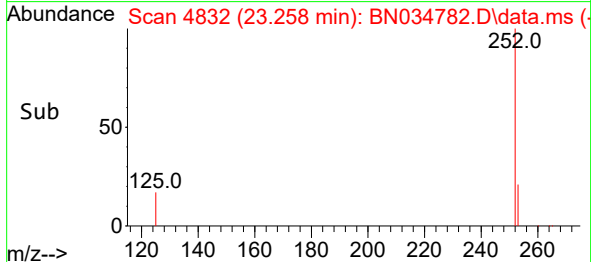
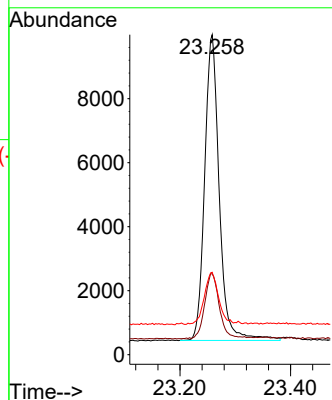
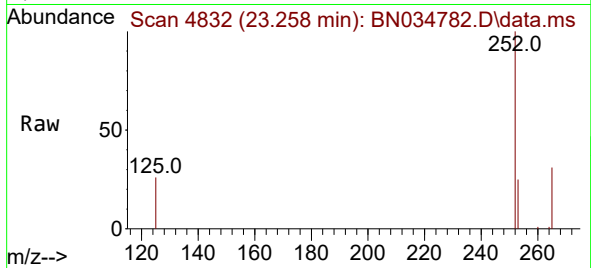




#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.258 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

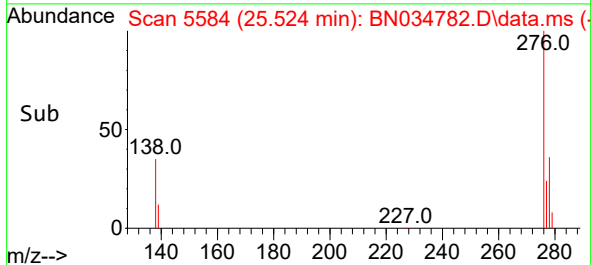
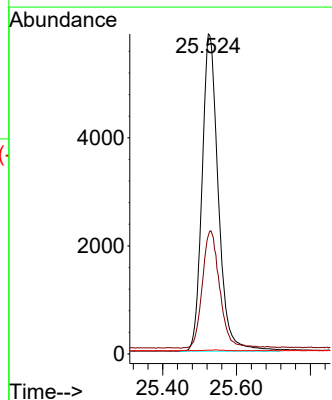
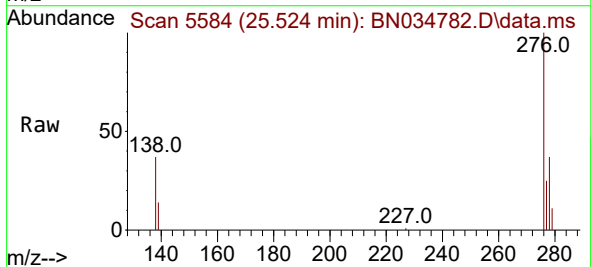
Instrument :
BNA_N
ClientSampleId :
SLCS390

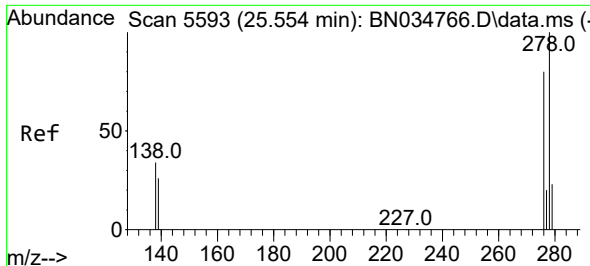
Tgt Ion:252 Resp: 17511
Ion Ratio Lower Upper
252 100
253 25.2 20.0 30.0
125 25.8 19.8 29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 25.524 min Scan# 5584
Delta R.T. -0.013 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:276 Resp: 17975
Ion Ratio Lower Upper
276 100
138 39.8 31.8 47.6
227 0.1 0.2 0.4

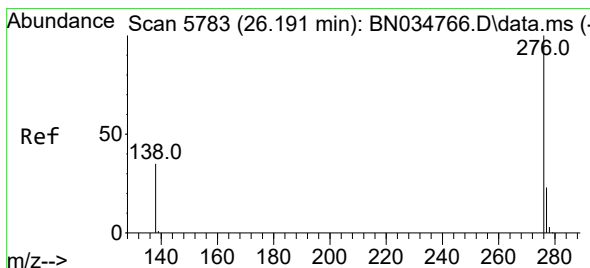
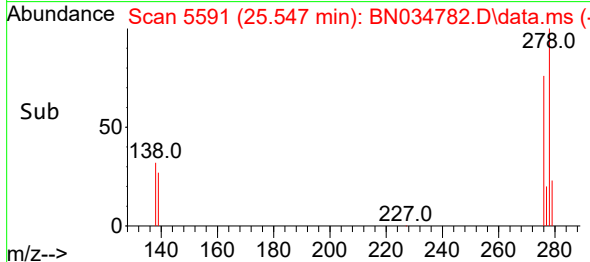
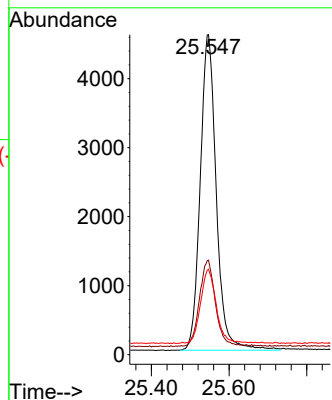
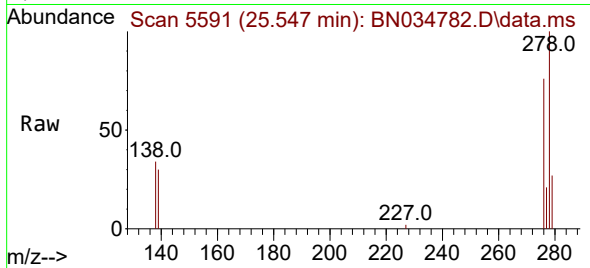




#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 25.547 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS390

Tgt Ion:278 Resp: 13124
Ion Ratio Lower Upper
278 100
139 29.5 23.4 35.2
279 26.7 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034782.D
Acq: 01 Nov 2024 00:54

Tgt Ion:276 Resp: 13764
Ion Ratio Lower Upper
276 100
138 37.0 28.8 43.2
277 24.8 20.2 30.2

