

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
 Data File : BN035134.D
 Acq On : 16 Nov 2024 12:26
 Operator : RC/JU
 Sample : SST0.137
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1223

Quant Time: Nov 18 00:34:33 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 : Mon Nov 18 00:33:27 2024
 Response via : Initial Calibration

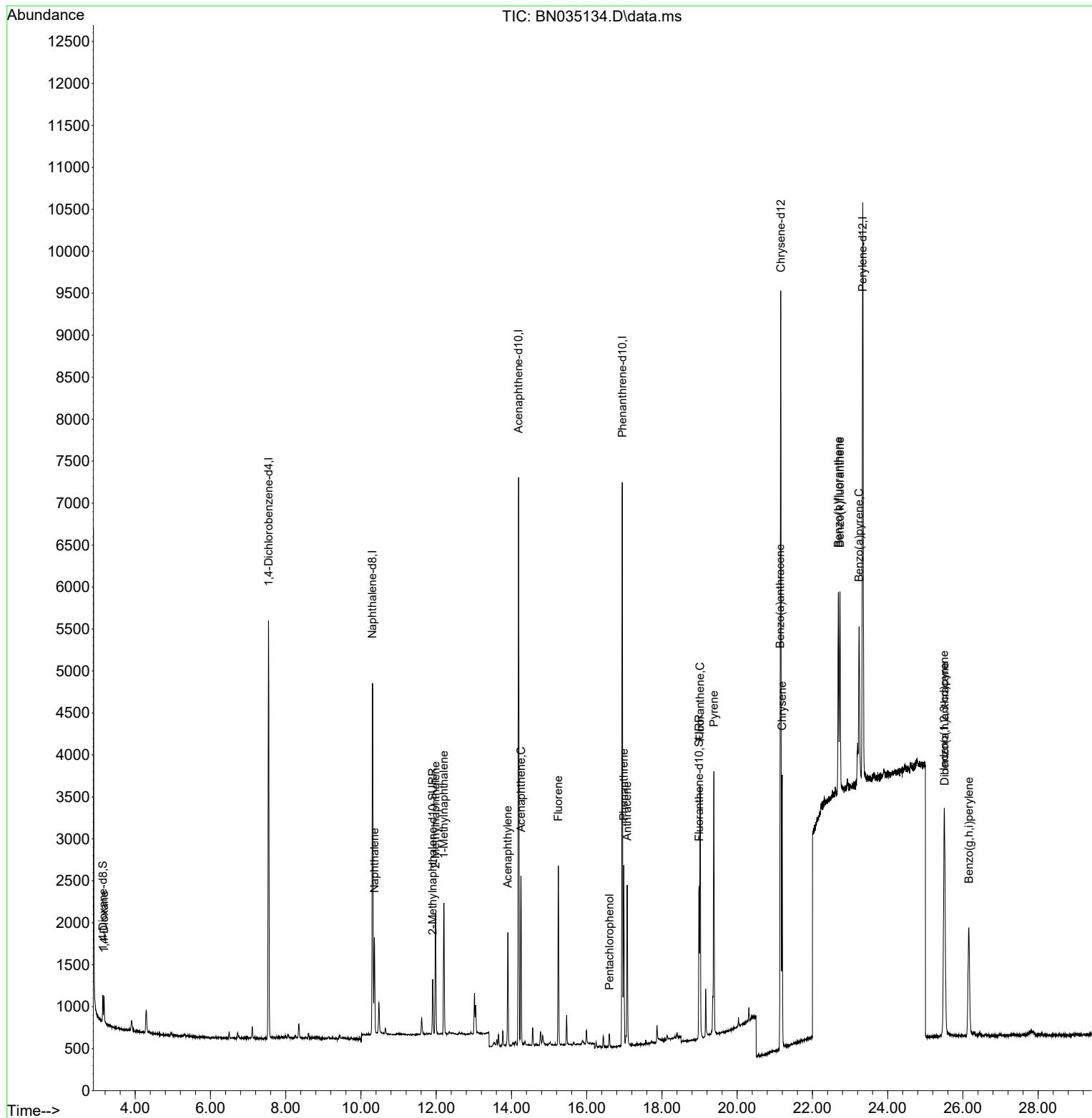
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	5734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.189	164	3710	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	8128	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	7597	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	8542	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	234	0.099	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	860	0.098	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	2127	0.109	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.174	88	317	0.122	ng/ul#	80
5) Naphthalene	10.355	128	1476	0.103	ng/ul#	92
7) 2-Methylnaphthalene	11.983	142	1010	0.094	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	1036	0.096	ng/ul	100
10) Acenaphthylene	13.903	152	1479	0.098	ng/ul#	93
11) Acenaphthene	14.254	153	1151	0.100	ng/ul	100
12) Fluorene	15.244	166	1339	0.092	ng/ul	99
14) Pentachlorophenol	16.603	266	110	0.059	ng/ul	91
15) Phenanthrene	16.983	178	2176	0.100	ng/ul	94
16) Anthracene	17.076	178	2028	0.099	ng/ul#	93
19) Fluoranthene	19.014	202	2645	0.104	ng/ul#	93
20) Pyrene	19.381	202	2784	0.106	ng/ul#	94
21) Benzo(a)anthracene	21.142	228	2666	0.097	ng/ul	95
22) Chrysene	21.195	228	2697	0.096	ng/ul	98
24) Benzo(b)fluoranthene	22.688	252	2893	0.096	ng/ul#	74
25) Benzo(k)fluoranthene	22.732	252	2853	0.091	ng/ul#	72
26) Benzo(a)pyrene	23.241	252	2652	0.099	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.500	276	3484	0.106	ng/ul	98
28) Dibenzo(a,h)anthracene	25.513	278	2712	0.106	ng/ul#	80
29) Benzo(g,h,i)perylene	26.157	276	2747	0.110	ng/ul#	89

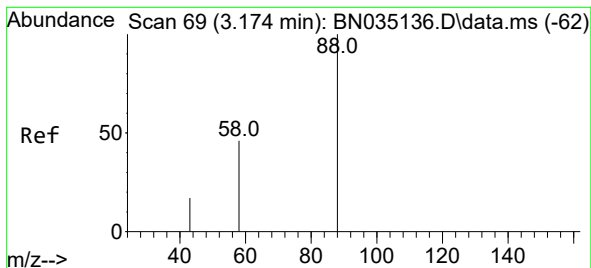
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.122 ng/ul

RT: 3.174 min Scan# 69

Delta R.T. -0.000 min

Lab File: BN035134.D

Acq: 16 Nov 2024 12:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.1223

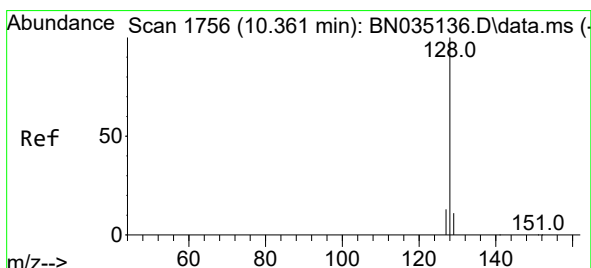
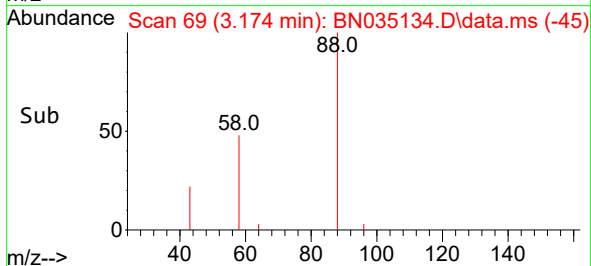
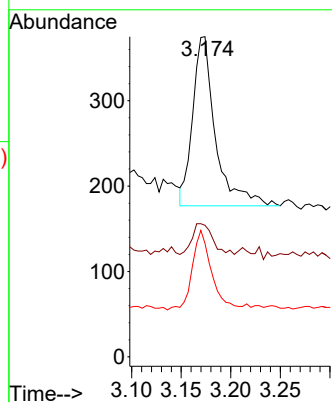
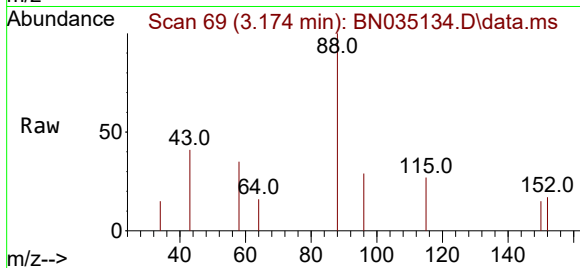
Tgt Ion: 88 Resp: 317

Ion Ratio Lower Upper

88 100

43 41.1 20.6 31.0#

58 35.5 36.2 54.4#



#5

Naphthalene

Concen: 0.103 ng/ul

RT: 10.355 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BN035134.D

Acq: 16 Nov 2024 12:26

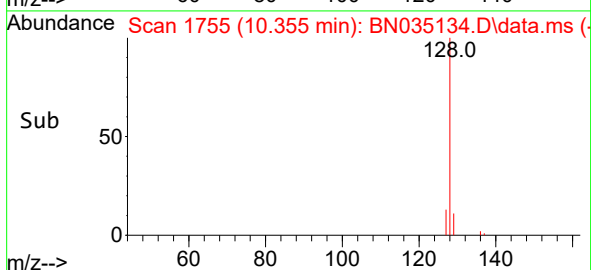
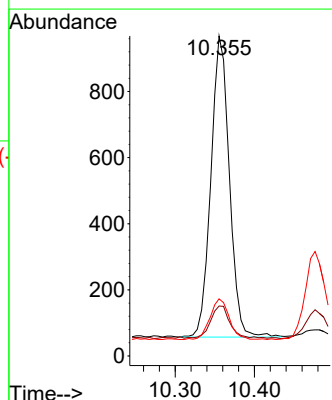
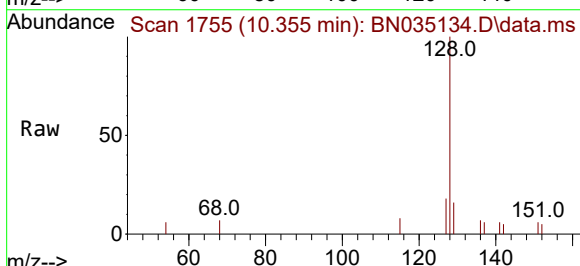
Tgt Ion:128 Resp: 1476

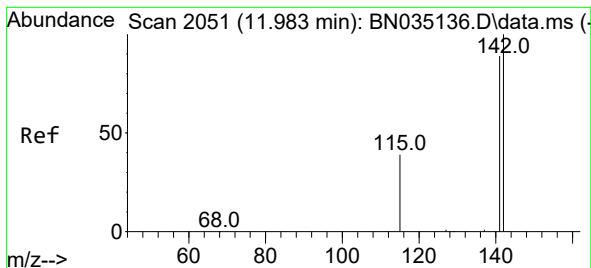
Ion Ratio Lower Upper

128 100

129 15.6 9.9 14.9#

127 17.9 11.4 17.2#

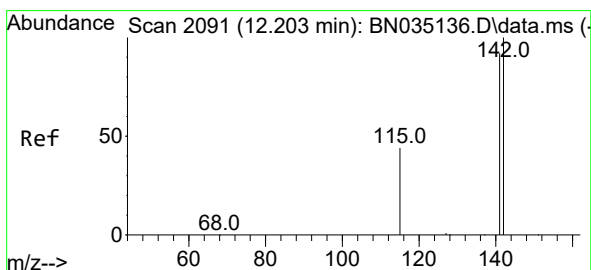
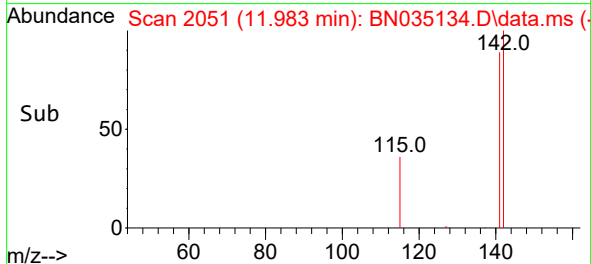
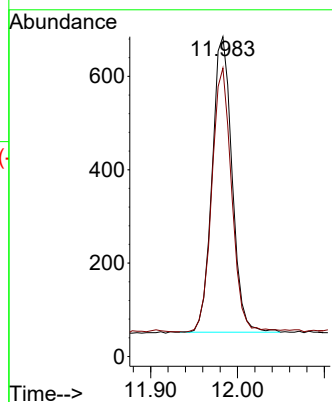
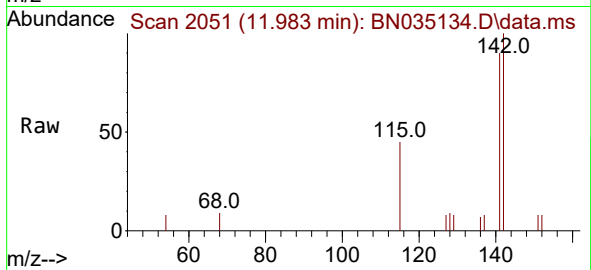




#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

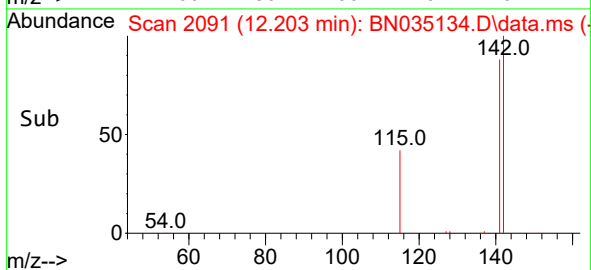
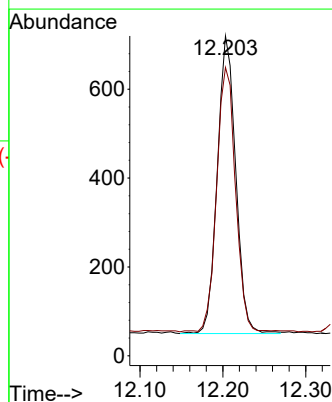
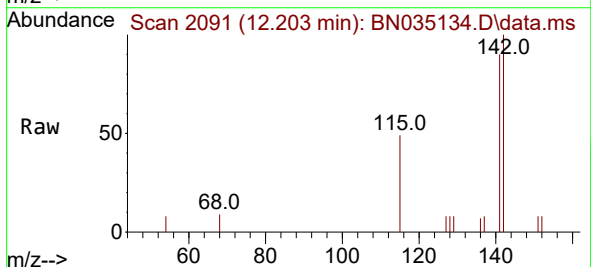
Instrument :
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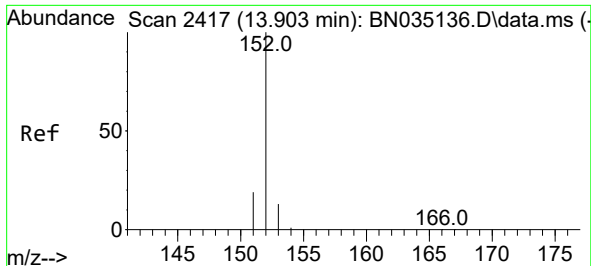
Tgt Ion:142 Resp: 1010
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:142 Resp: 1036
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

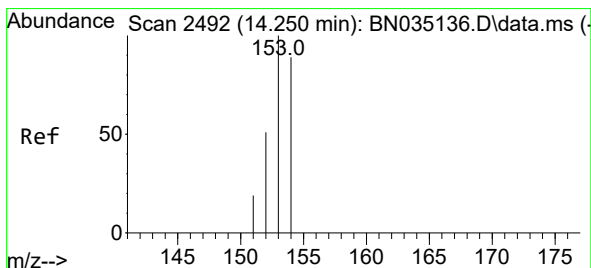
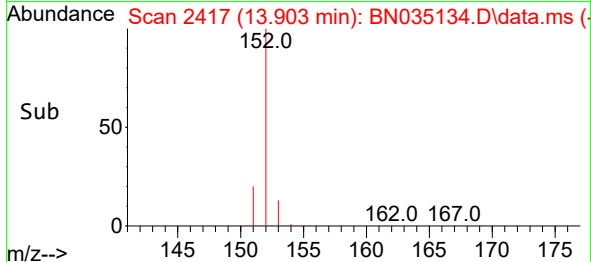
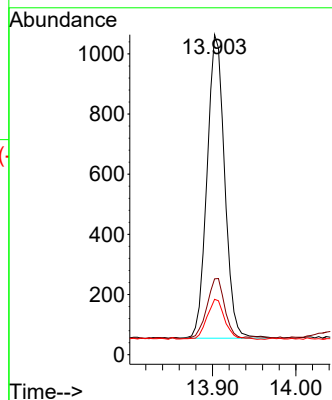
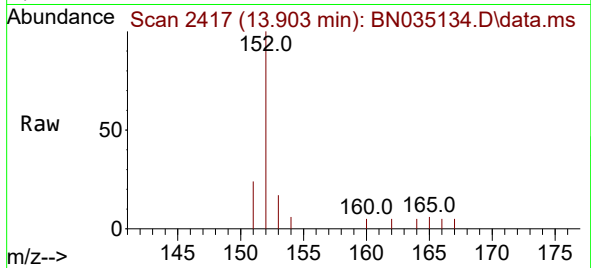




#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

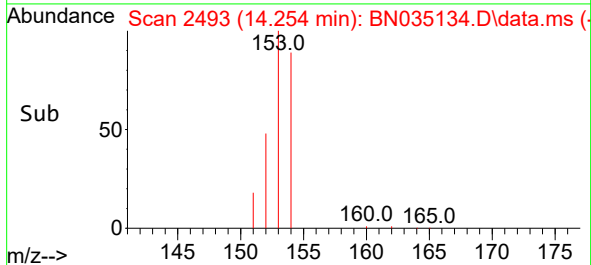
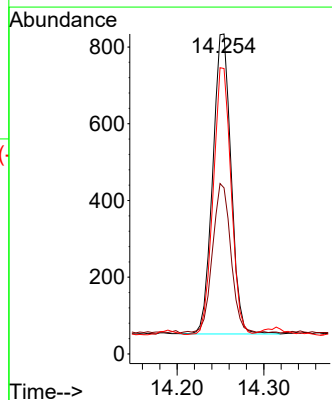
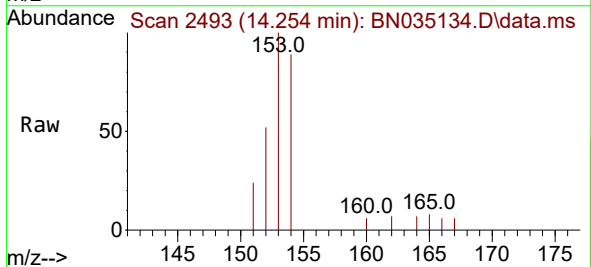
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

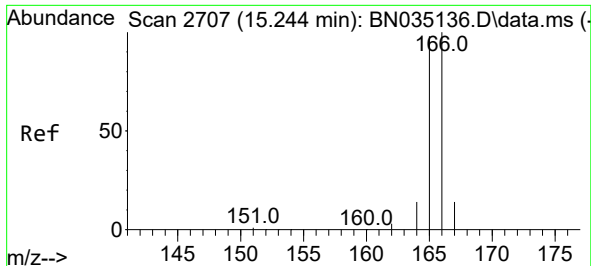
Tgt Ion:152 Resp: 1479
Ion Ratio Lower Upper
152 100
151 23.7 16.4 24.6
153 17.3 11.1 16.7#



#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.254 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:153 Resp: 1151
Ion Ratio Lower Upper
153 100
152 51.9 41.4 62.0
154 89.2 71.2 106.8

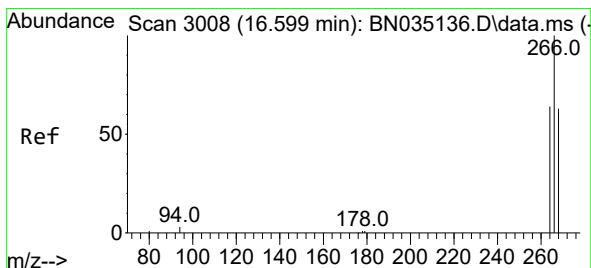
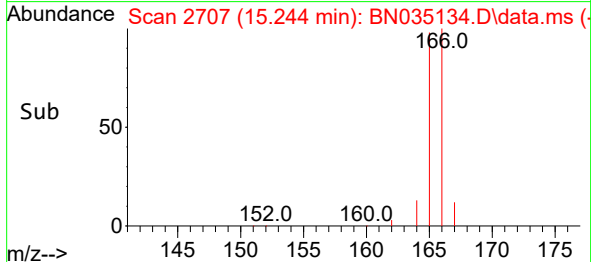
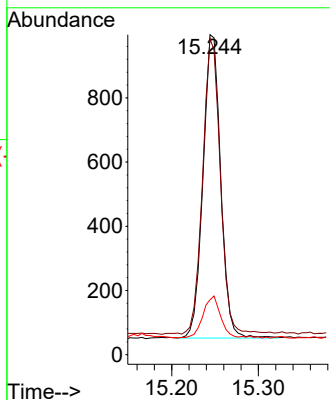
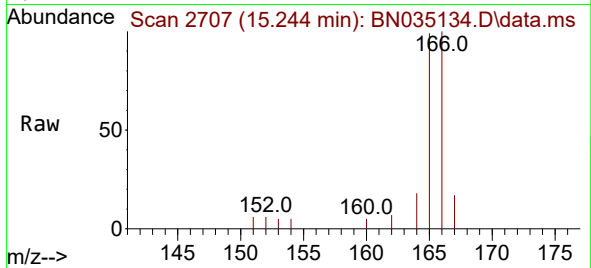




#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.244 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

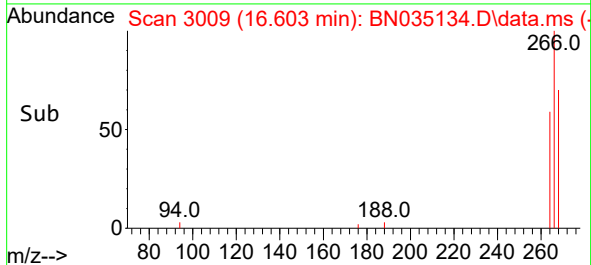
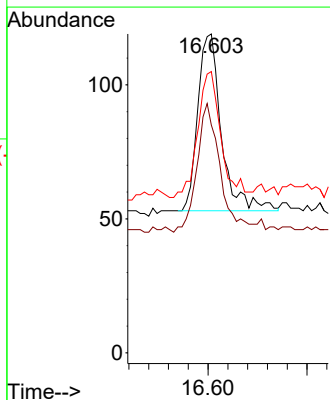
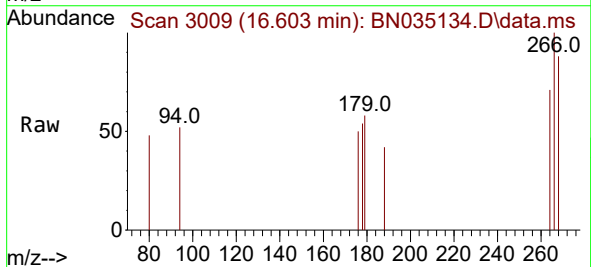
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

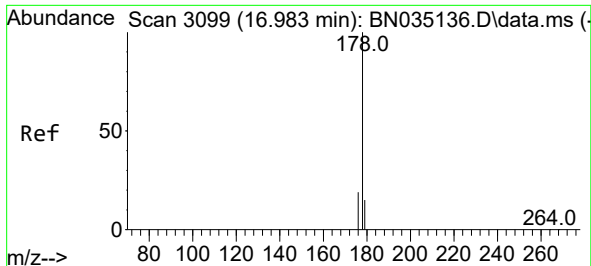
Tgt Ion:166 Resp: 1339
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 17.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. 0.004 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:266 Resp: 110
Ion Ratio Lower Upper
266 100
264 74.5 51.8 77.6
268 69.1 51.3 76.9

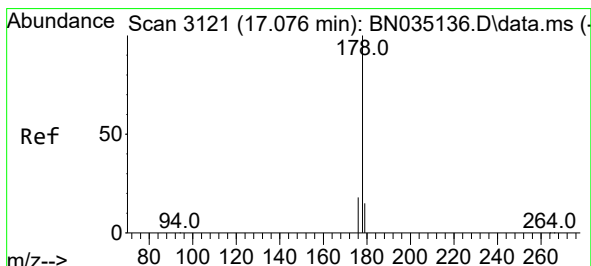
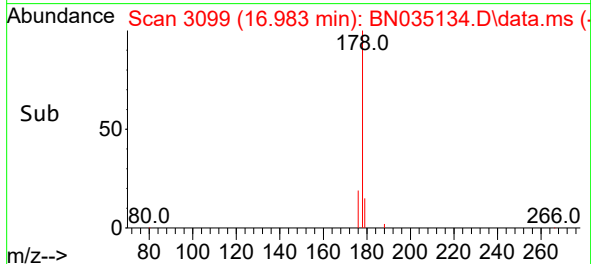
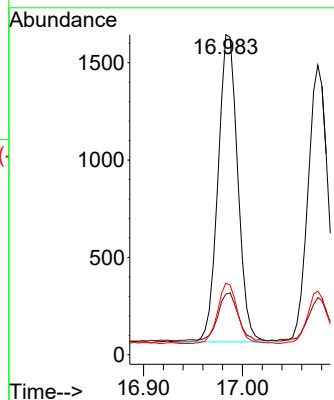
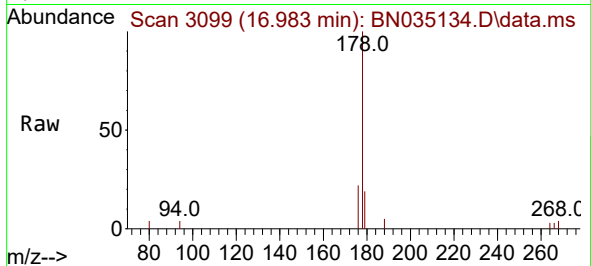




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

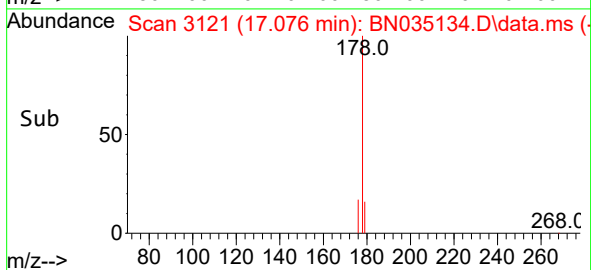
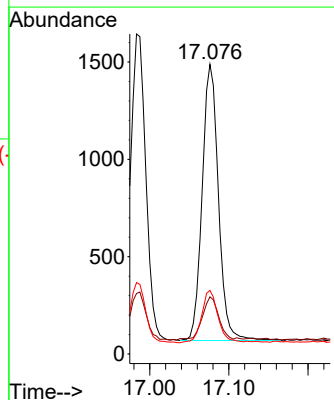
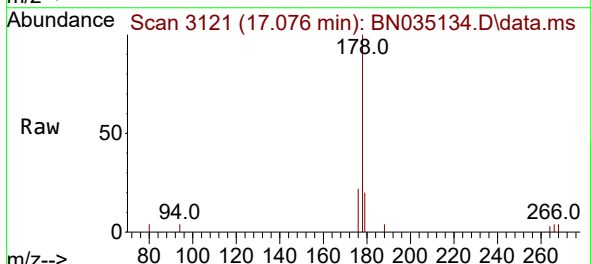
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

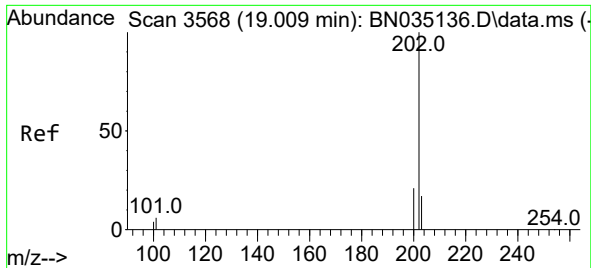
Tgt Ion:	178	Resp:	2176
Ion Ratio	Lower	Upper	
178	100		
179	18.9	12.9	19.3
176	22.3	15.6	23.4



#16
Anthracene
Concen: 0.099 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:	178	Resp:	2028
Ion Ratio	Lower	Upper	
178	100		
179	19.8	12.9	19.3#
176	22.0	15.4	23.2

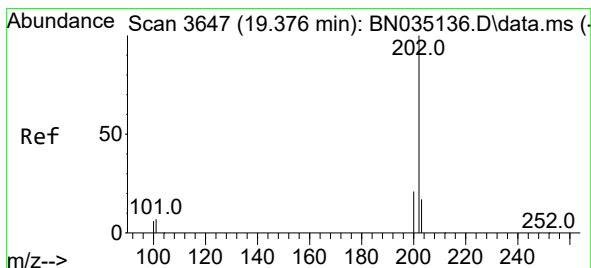
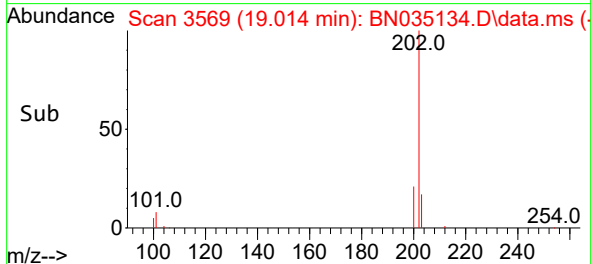
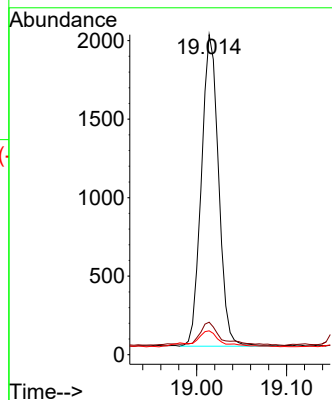
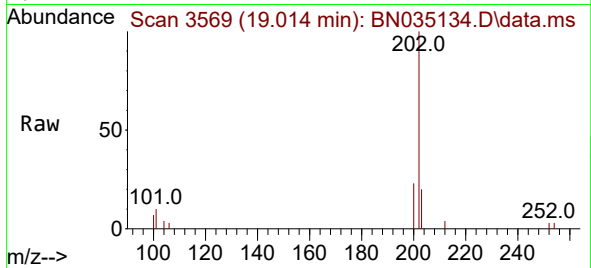




#19
Fluoranthene
Concen: 0.104 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. 0.005 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

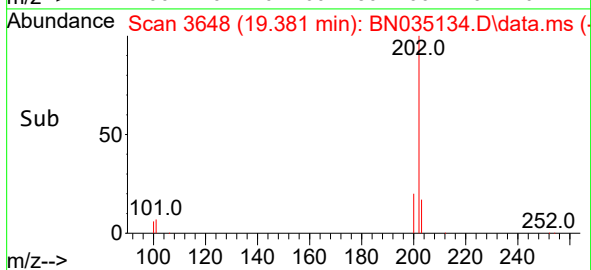
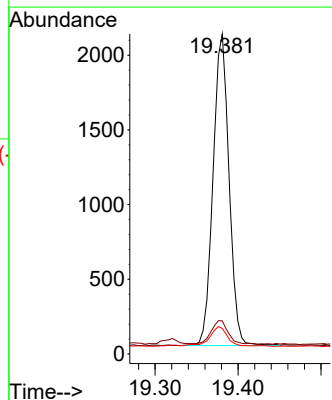
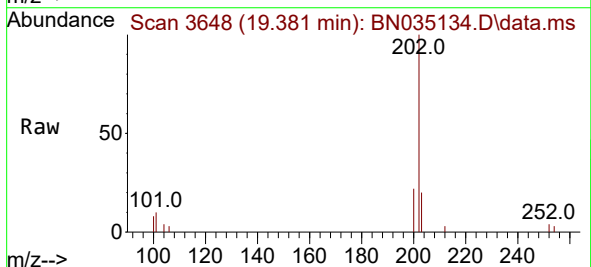
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

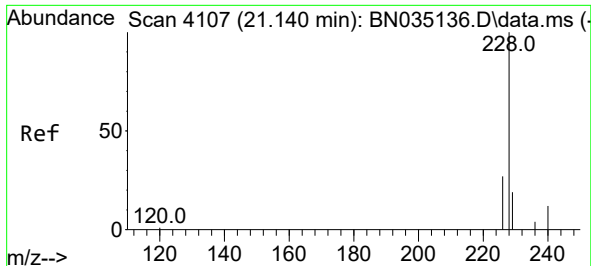
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.8	8.6#
100	7.5	4.5	6.7#



#20
Pyrene
Concen: 0.106 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.2	9.4#
100	8.0	5.1	7.7#

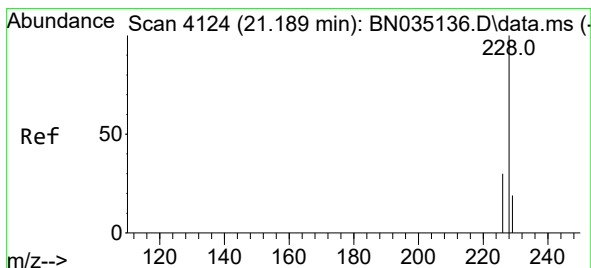
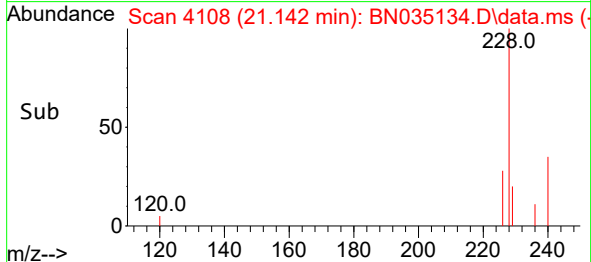
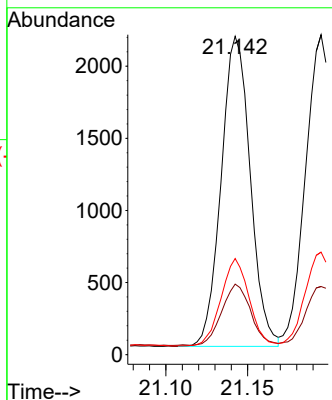
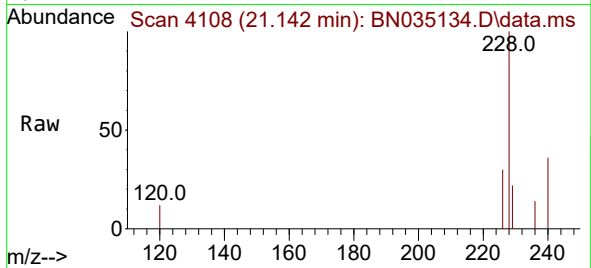




#21
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.142 min Scan# 4107
Delta R.T. 0.003 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

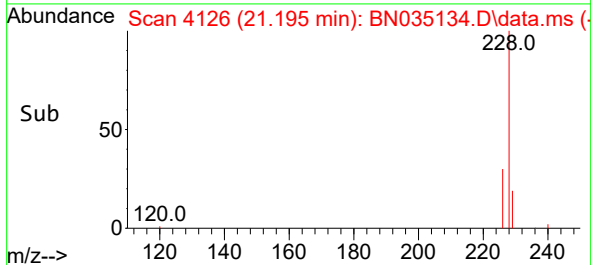
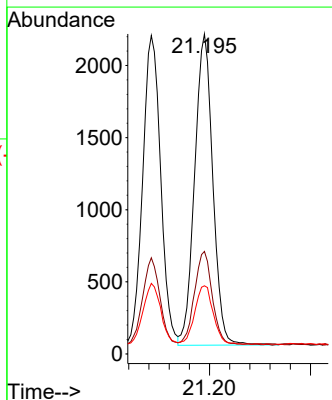
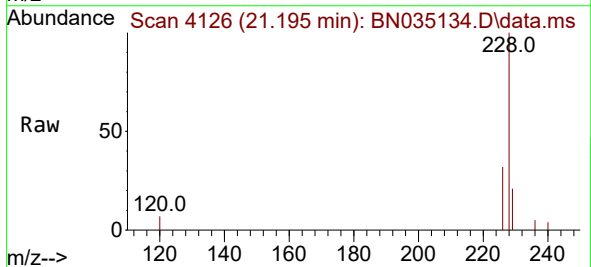
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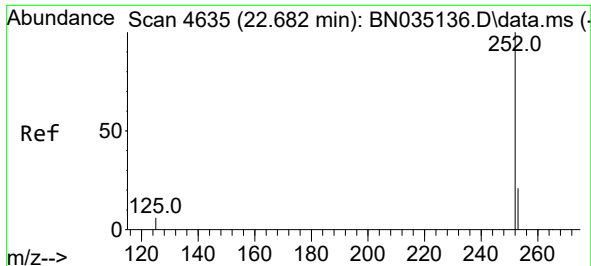
Tgt Ion:	228	Resp:	2666
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.8
226	30.2	21.8	32.8



#22
Chrysene
Concen: 0.096 ng/ul
RT: 21.195 min Scan# 4126
Delta R.T. 0.006 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

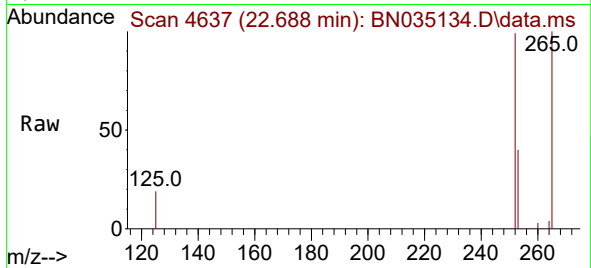
Tgt Ion:	228	Resp:	2697
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	21.3	16.0	24.0



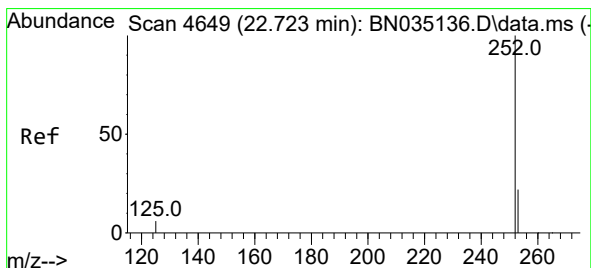
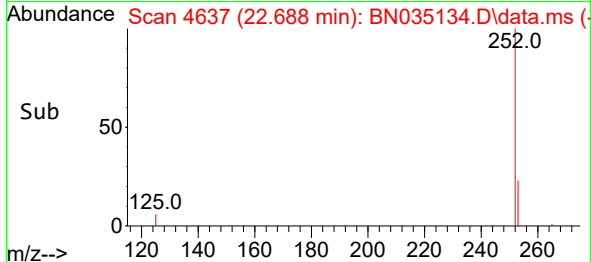
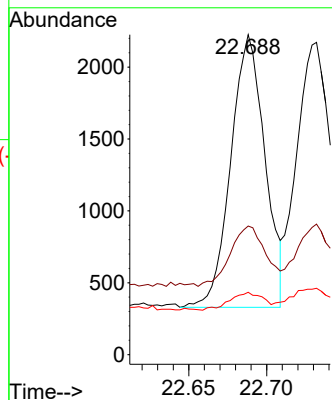


#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul
RT: 22.688 min Scan# 4635
Delta R.T. 0.006 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

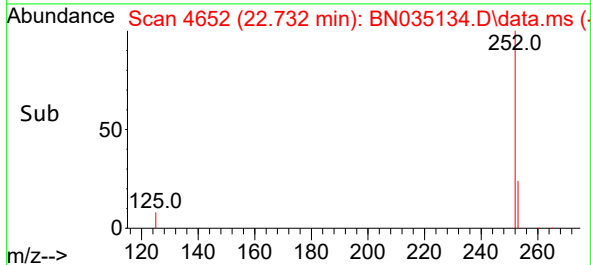
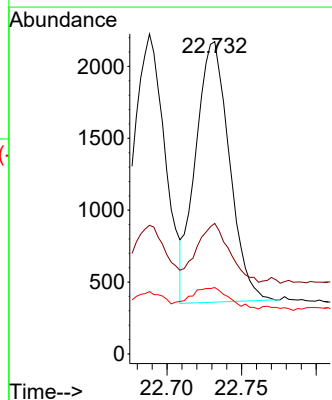
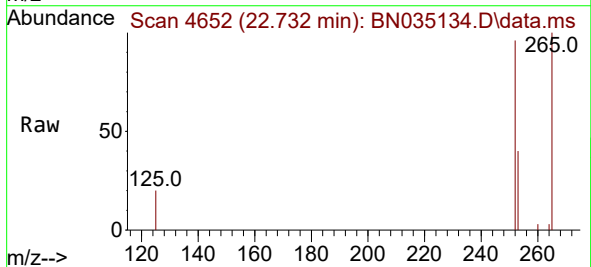


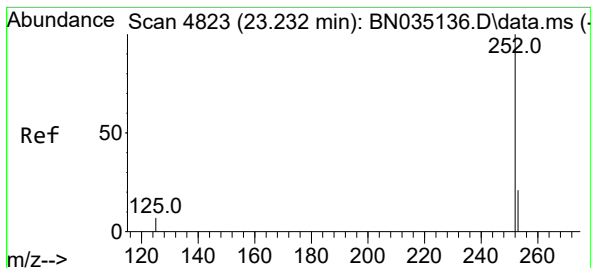
Tgt Ion:252 Resp: 2893
Ion Ratio Lower Upper
252 100
253 40.2 0.0 54.0
125 19.5 0.0 19.4#



#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. 0.009 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:252 Resp: 2853
Ion Ratio Lower Upper
252 100
253 41.8 21.8 32.6#
125 21.3 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.241 min Scan# 4823

Delta R.T. 0.009 min

Lab File: BN035134.D

Acq: 16 Nov 2024 12:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.1223

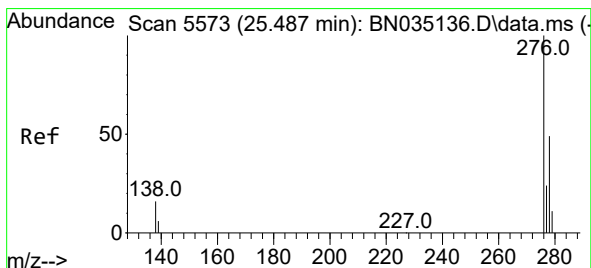
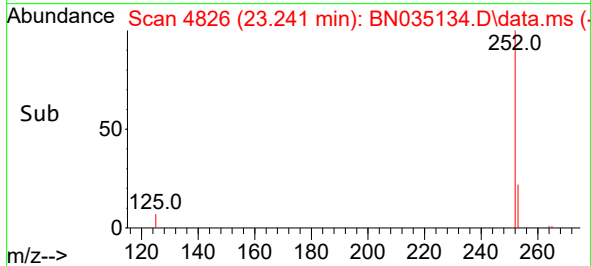
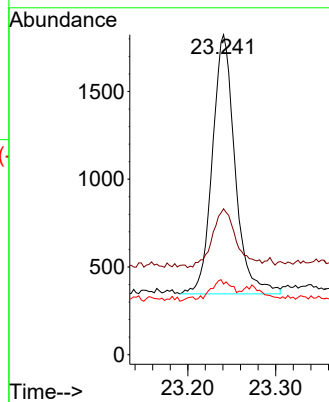
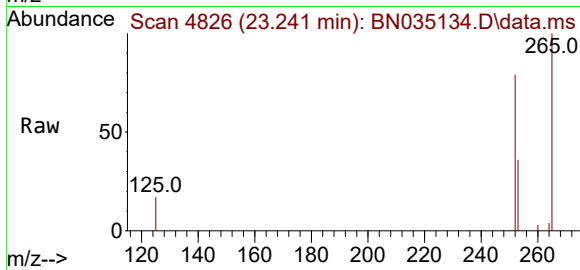
Tgt Ion:252 Resp: 2652

Ion Ratio Lower Upper

252 100

253 45.6 22.9 34.3#

125 22.0 9.4 14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng/ul

RT: 25.500 min Scan# 5577

Delta R.T. 0.013 min

Lab File: BN035134.D

Acq: 16 Nov 2024 12:26

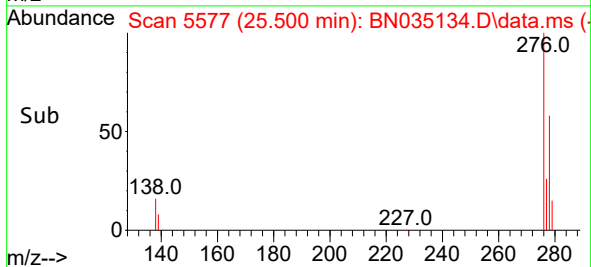
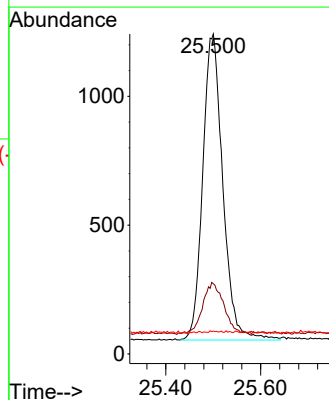
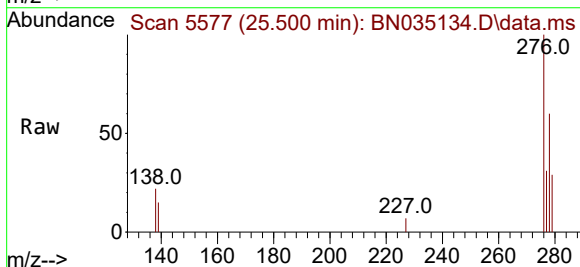
Tgt Ion:276 Resp: 3484

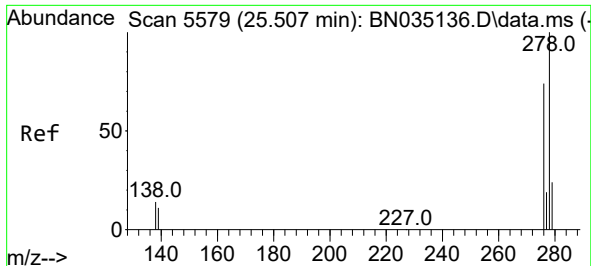
Ion Ratio Lower Upper

276 100

138 18.1 13.8 20.8

227 0.3 0.2 0.4

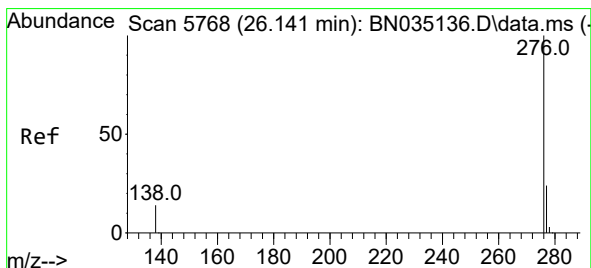
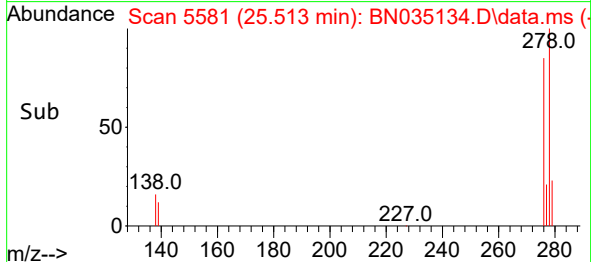
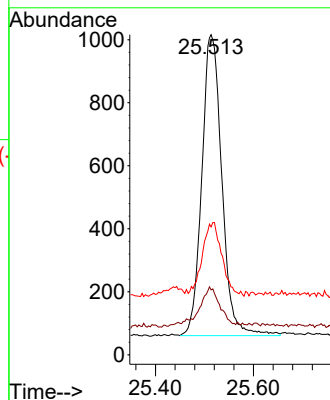
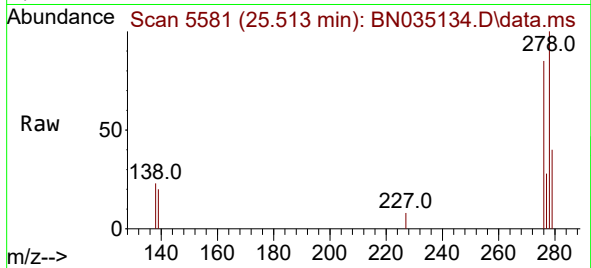




#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.513 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Tgt Ion:278 Resp: 2712
Ion Ratio Lower Upper
278 100
139 20.3 10.7 16.1#
279 40.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.157 min Scan# 5773
Delta R.T. 0.017 min
Lab File: BN035134.D
Acq: 16 Nov 2024 12:26

Tgt Ion:276 Resp: 2747
Ion Ratio Lower Upper
276 100
138 22.3 13.0 19.6#
277 30.0 20.5 30.7

