

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018134.D
 Acq On : 21 Dec 2021 20:00
 Operator : CG/JU
 Sample : SST0.150
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1201

Quant Time: Dec 22 03:05:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 03:03:54 2021
 Response via : Initial Calibration

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

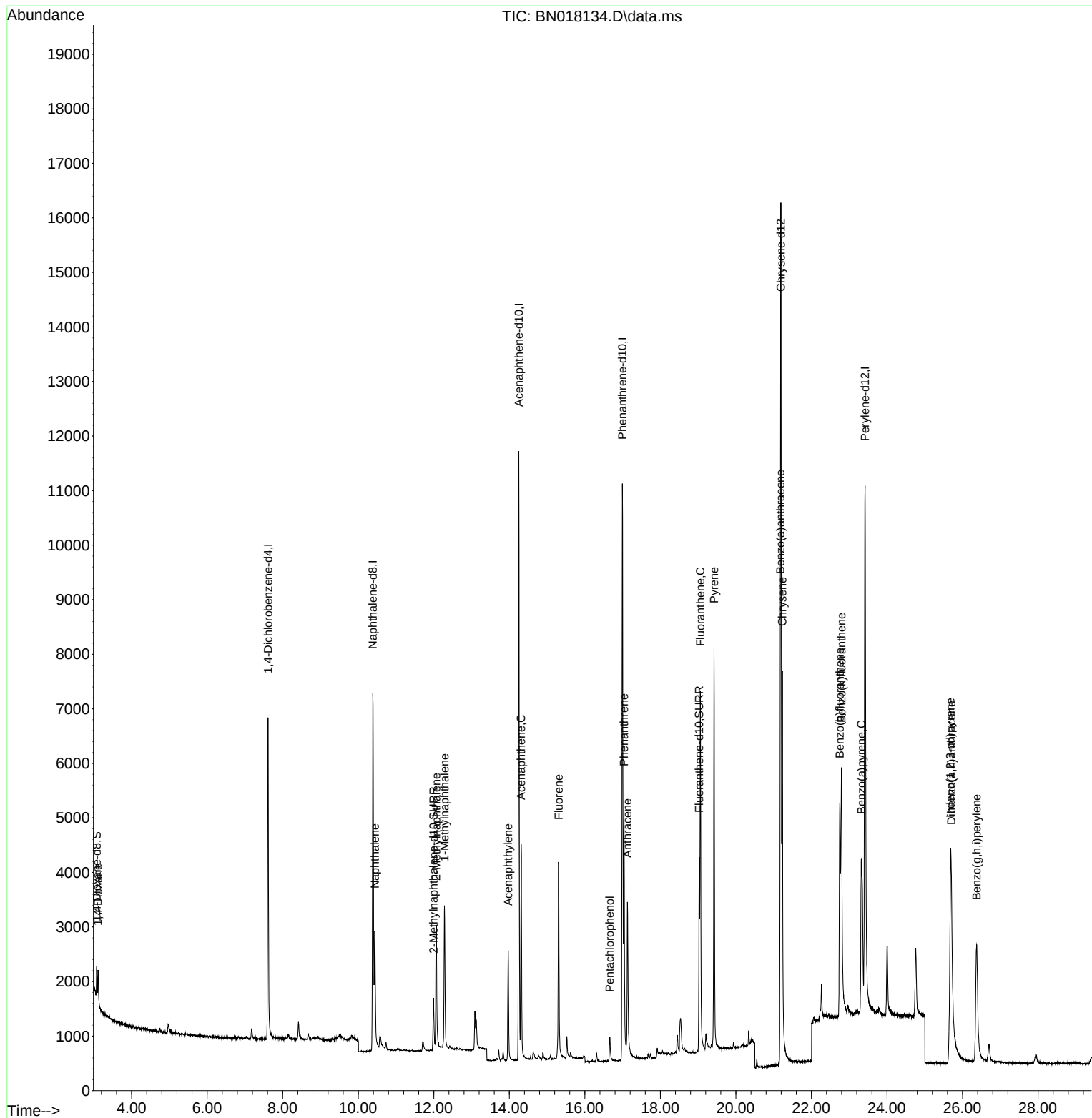
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	10263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	6265	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	14063	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	15257	0.400	ng/ul	0.00
23) Perylene-d12	23.420	264	14795	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	416	0.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1498	0.125	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	4513	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	474	0.114	ng/ul#	59
5) Naphthalene	10.442	128	3086	0.110	ng/ul#	94
7) 2-Methylnaphthalene	12.064	142	1986	0.126	ng/ul	97
8) 1-Methylnaphthalene	12.284	142	2104	0.115	ng/ul	100
10) Acenaphthylene	13.970	152	2598	0.102	ng/ul	95
11) Acenaphthene	14.313	153	2340	0.104	ng/ul	97
12) Fluorene	15.307	166	2665	0.107	ng/ul#	98
14) Pentachlorophenol	16.660	266	387	0.157	ng/ul	98
15) Phenanthrene	17.036	178	4870	0.100	ng/ul	96
16) Anthracene	17.129	178	3881	0.101	ng/ul	95
19) Fluoranthene	19.058	202	6228	0.101	ng/ul#	95
20) Pyrene	19.421	202	6839	0.099	ng/ul#	95
21) Benzo(a)anthracene	21.175	228	5638	0.124	ng/ul	95
22) Chrysene	21.228	228	6608	0.101	ng/ul	97
24) Benzo(b)fluoranthene	22.750	252	5768	0.098	ng/ul	86
25) Benzo(k)fluoranthene	22.794	252	7599	0.096	ng/ul#	85
26) Benzo(a)pyrene	23.320	252	5935	0.104	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.682	276	7246	0.113	ng/ul	92
28) Dibenzo(a,h)anthracene	25.702	278	5453	0.116	ng/ul#	90
29) Benzo(g,h,i)perylene	26.373	276	6093	0.111	ng/ul	97

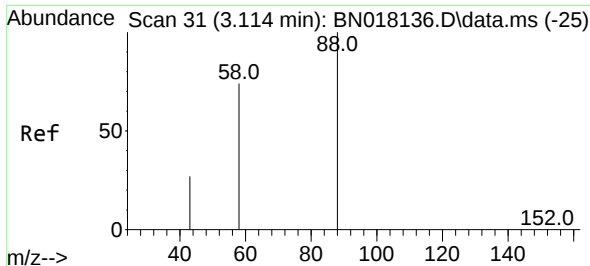
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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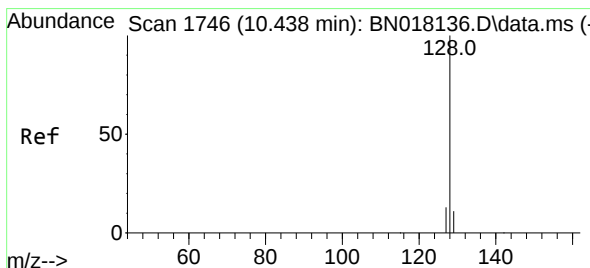
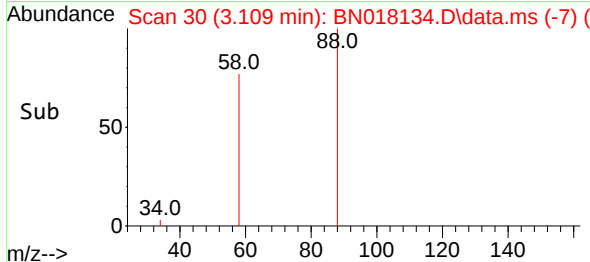
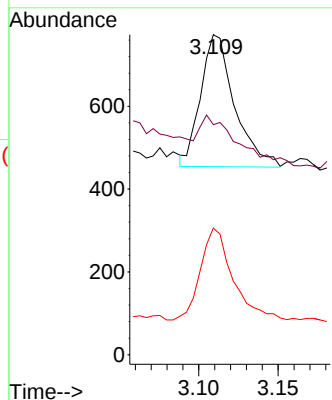
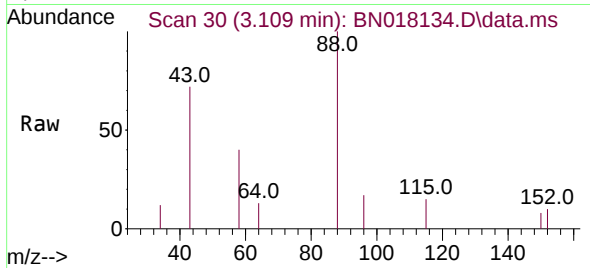




#2
 1,4-Dioxane
 Concen: 0.114 ng/ul
 RT: 3.109 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN018134.D
 Acq: 21 Dec 2021 20:00

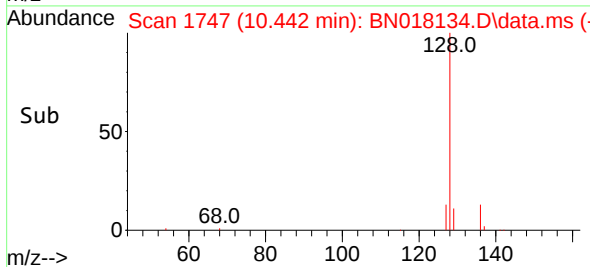
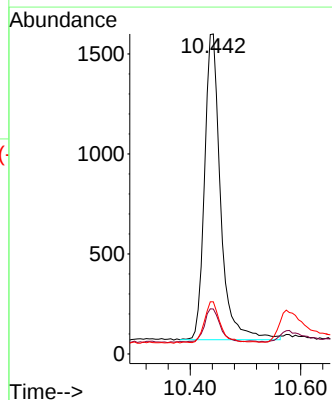
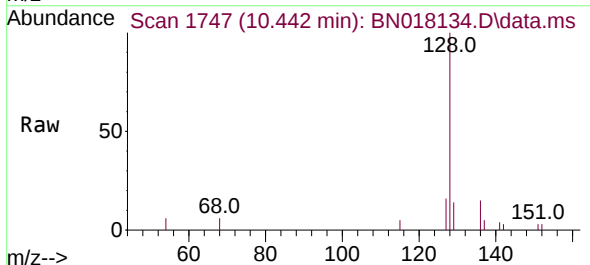
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1201

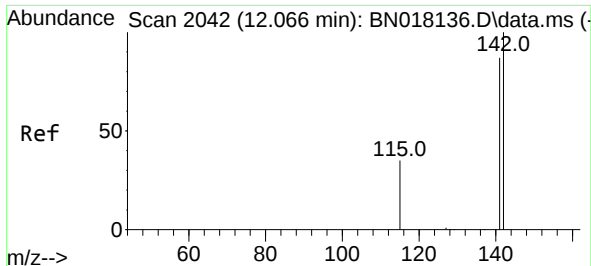
Tgt Ion: 88 Resp: 474
 Ion Ratio Lower Upper
 88 100
 43 71.9 24.6 36.8#
 58 39.6 45.2 67.8#



#5
 Naphthalene
 Concen: 0.110 ng/ul
 RT: 10.442 min Scan# 1747
 Delta R.T. 0.004 min
 Lab File: BN018134.D
 Acq: 21 Dec 2021 20:00

Tgt Ion: 128 Resp: 3086
 Ion Ratio Lower Upper
 128 100
 129 14.1 9.3 13.9#
 127 16.3 11.1 16.7

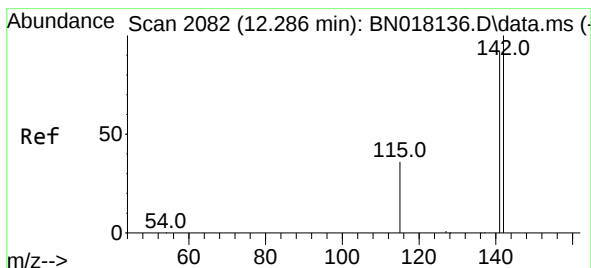
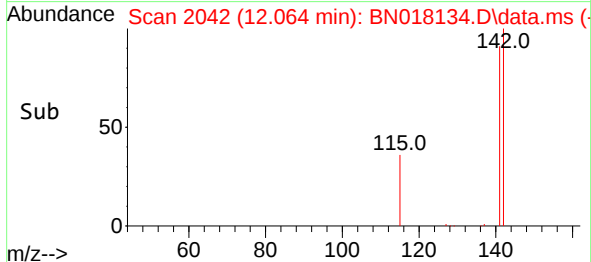
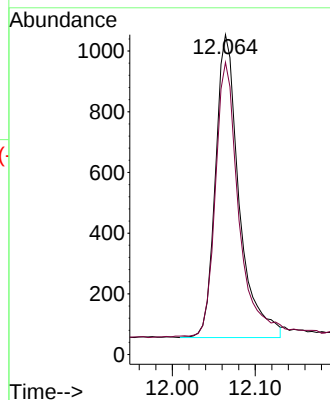
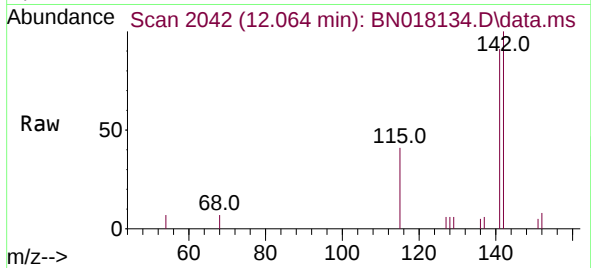




#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

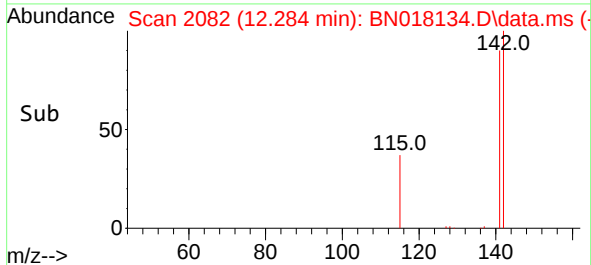
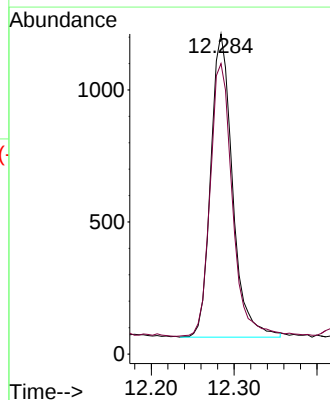
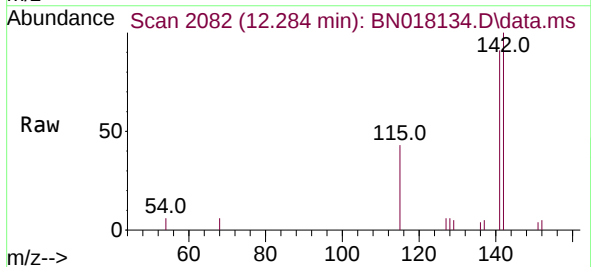
Instrument :
BNA_N
ClientSampleId :
SSTD0.1201

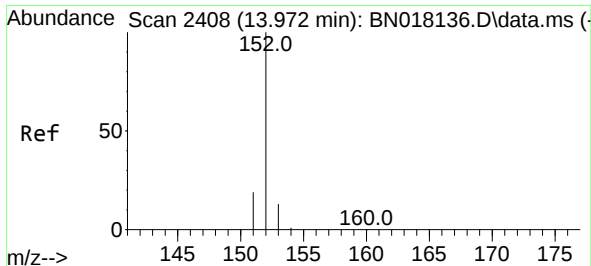
Tgt Ion:142 Resp: 1986
Ion Ratio Lower Upper
142 100
141 91.2 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:142 Resp: 2104
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

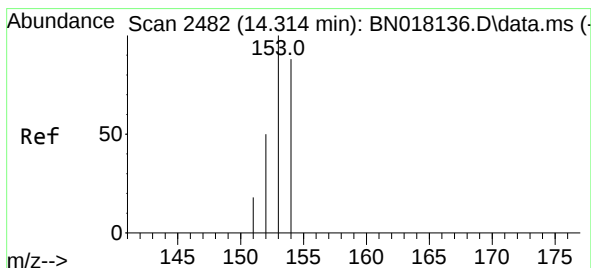
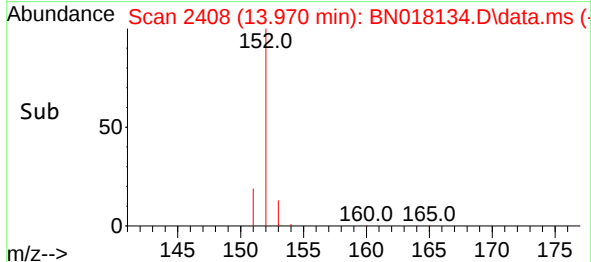
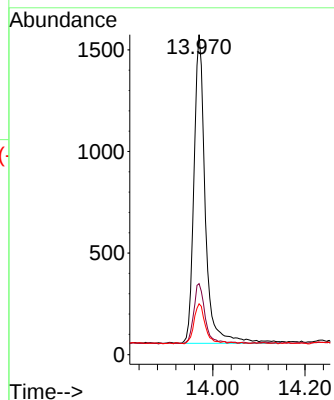
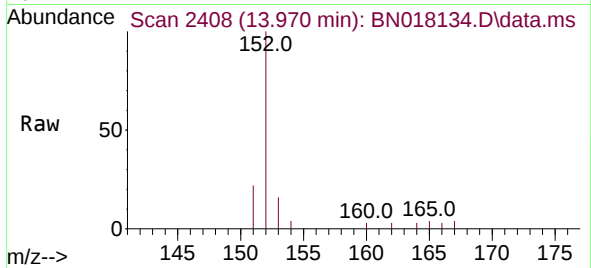




#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

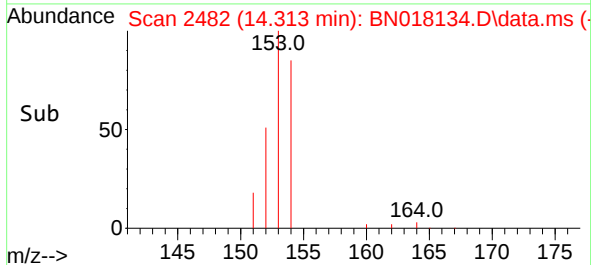
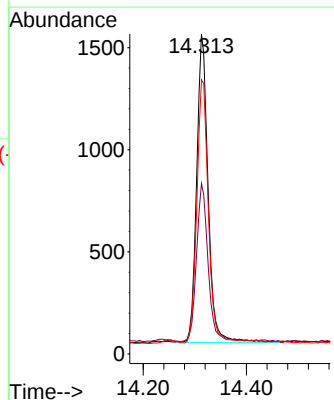
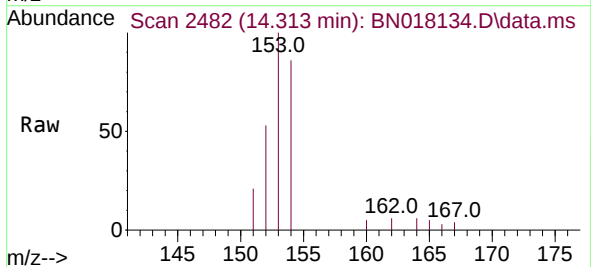
Instrument :
BNA_N
ClientSampleId :
SSTD0.1201

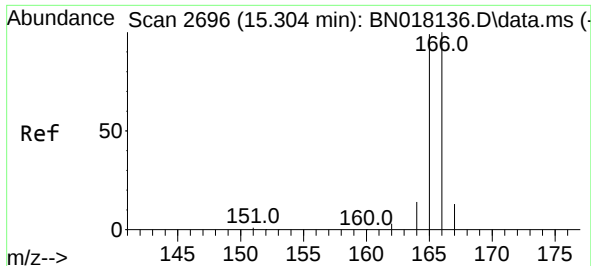
Tgt Ion:152 Resp: 2598
Ion Ratio Lower Upper
152 100
151 22.2 16.0 24.0
153 15.9 11.0 16.4



#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:153 Resp: 2340
Ion Ratio Lower Upper
153 100
152 53.3 40.8 61.2
154 85.7 70.3 105.5

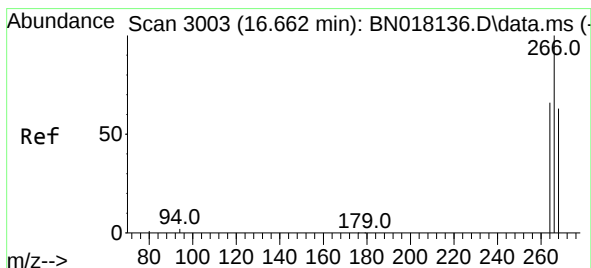
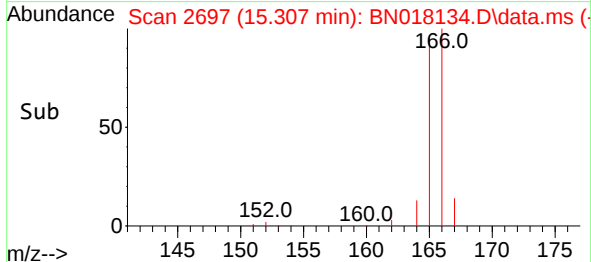
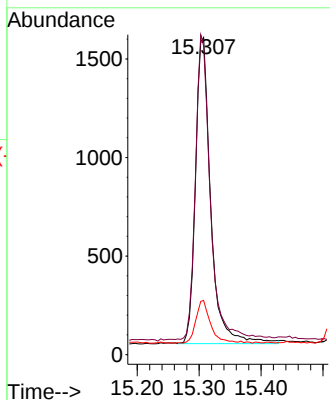
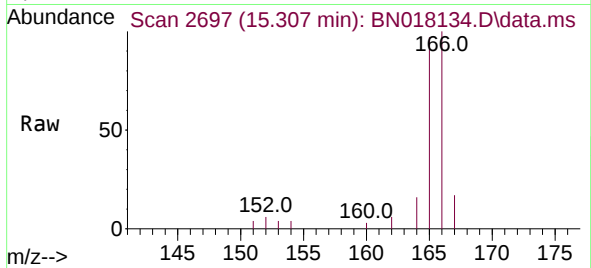




#12
 Fluorene
 Concen: 0.107 ng/ul
 RT: 15.307 min Scan# 2696
 Delta R.T. 0.003 min
 Lab File: BN018134.D
 Acq: 21 Dec 2021 20:00

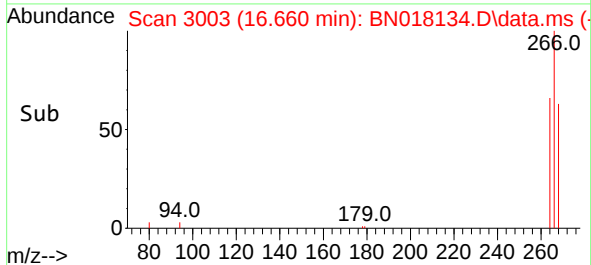
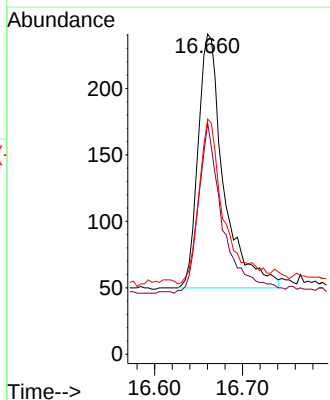
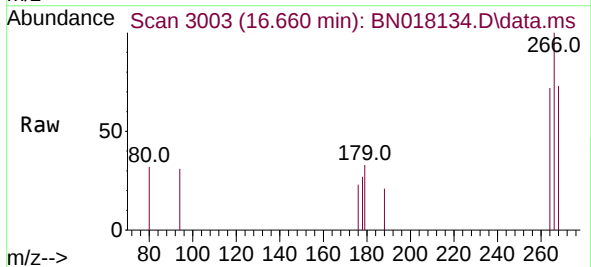
Instrument :
 BNA_N
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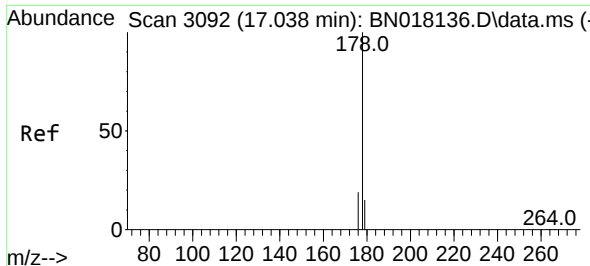
Tgt Ion:166 Resp: 2665
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.2 118.8
 167 17.1 11.1 16.7#



#14
 Pentachlorophenol
 Concen: 0.157 ng/ul
 RT: 16.660 min Scan# 3003
 Delta R.T. -0.002 min
 Lab File: BN018134.D
 Acq: 21 Dec 2021 20:00

Tgt Ion:266 Resp: 387
 Ion Ratio Lower Upper
 266 100
 264 63.3 51.9 77.9
 268 66.1 51.8 77.6

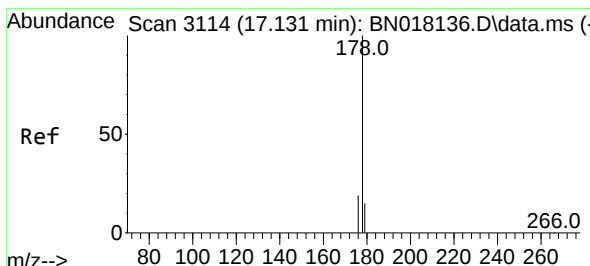
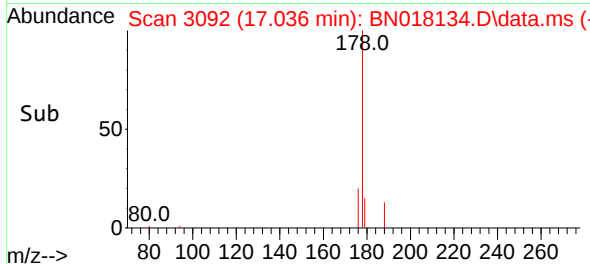
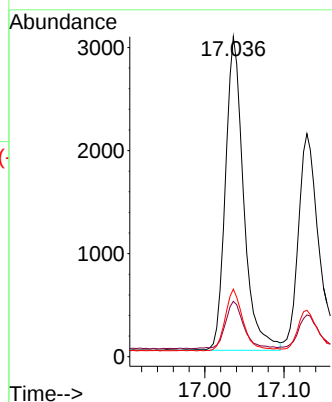
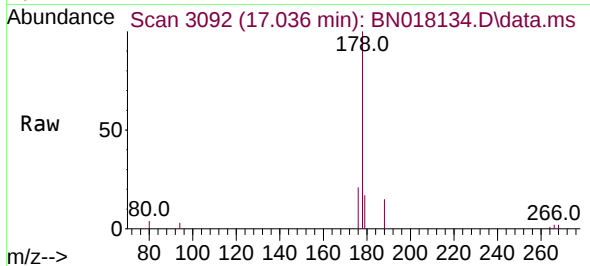




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

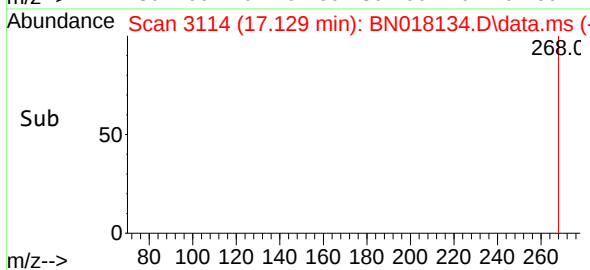
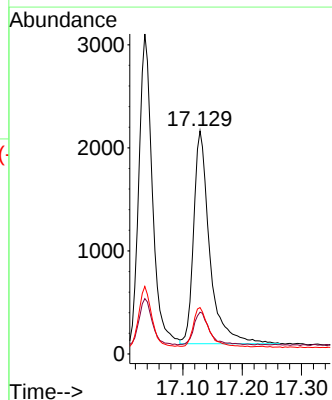
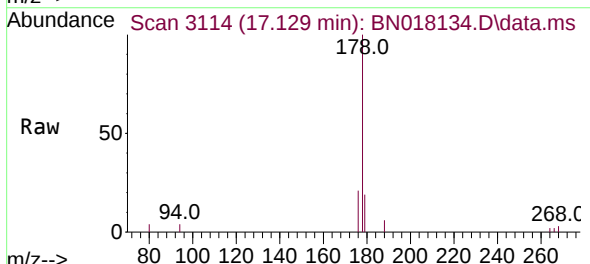
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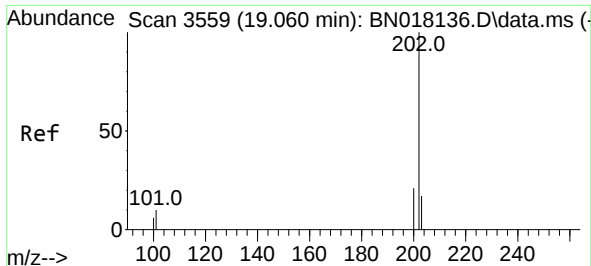
Tgt Ion:178 Resp: 4870
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 21.1 15.5 23.3



#16
Anthracene
Concen: 0.101 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:178 Resp: 3881
Ion Ratio Lower Upper
178 100
179 18.8 12.7 19.1
176 20.8 15.3 22.9

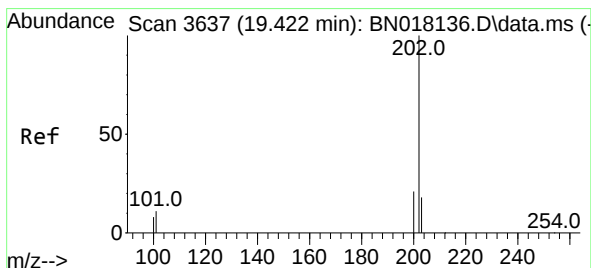
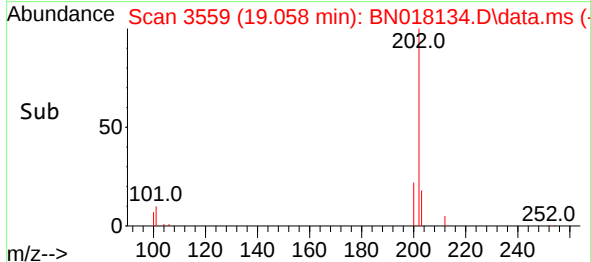
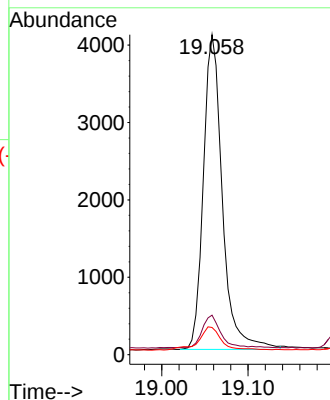
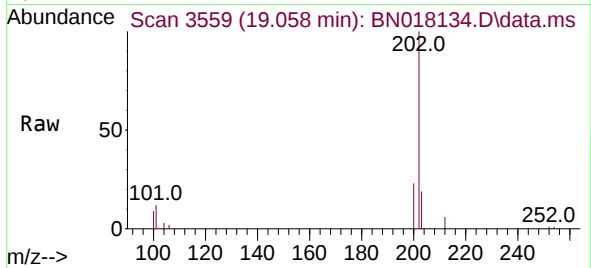




#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

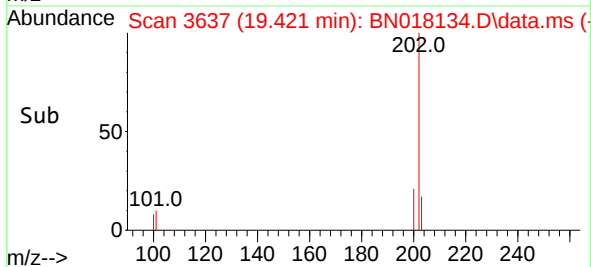
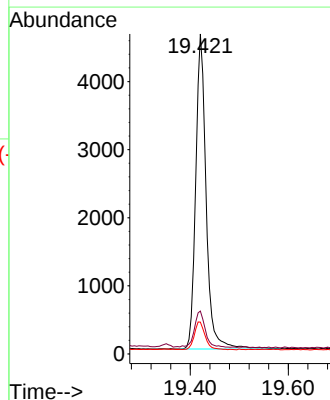
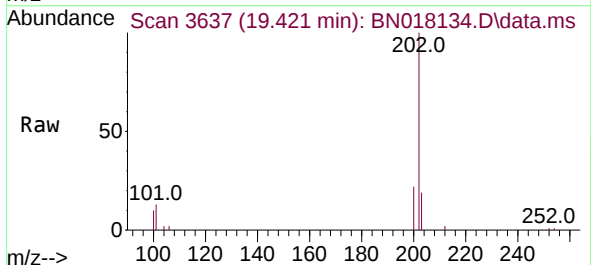
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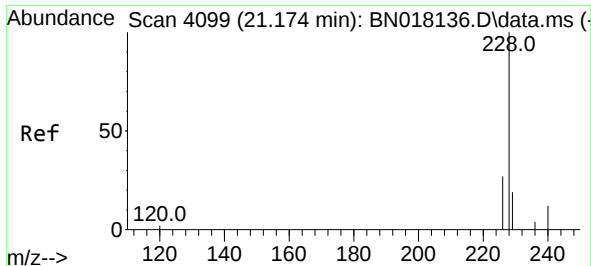
Tgt Ion:202 Resp: 6228
Ion Ratio Lower Upper
202 100
101 12.3 7.9 11.9#
100 8.5 5.8 8.8



#20
Pyrene
Concen: 0.099 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.002 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:202 Resp: 6839
Ion Ratio Lower Upper
202 100
101 13.4 8.9 13.3#
100 9.9 7.0 10.4

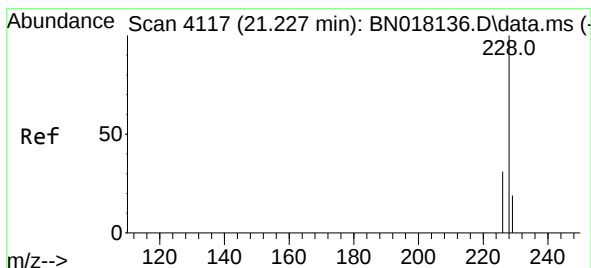
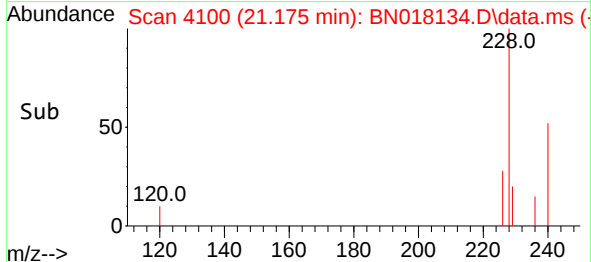
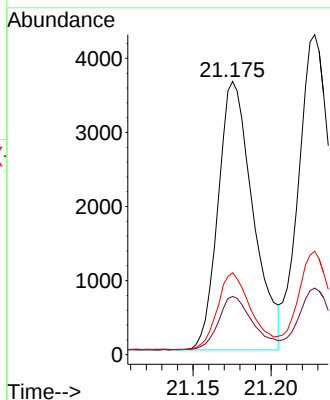
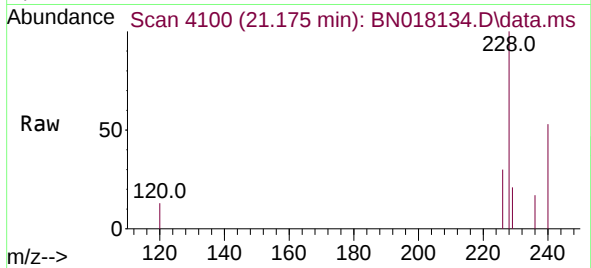




#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. 0.001 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

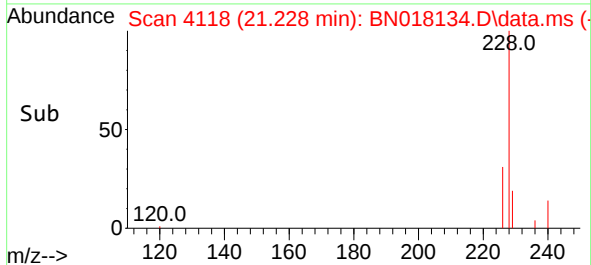
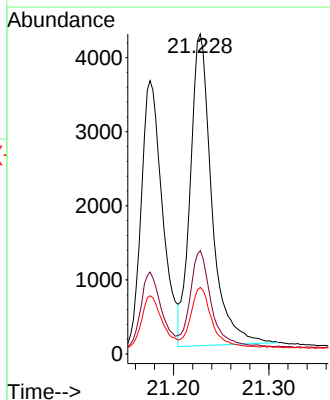
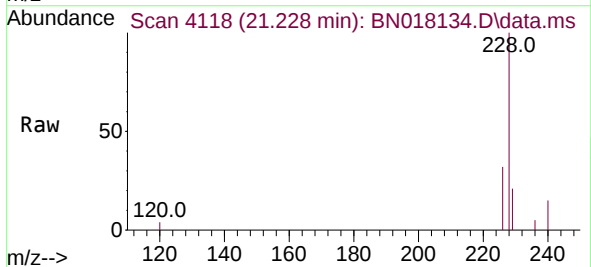
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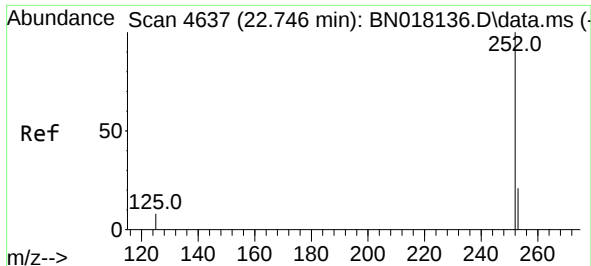
Tgt Ion:228 Resp: 5638
Ion Ratio Lower Upper
228 100
229 21.3 15.3 22.9
226 30.0 22.1 33.1



#22
Chrysene
Concen: 0.101 ng/ul
RT: 21.228 min Scan# 4118
Delta R.T. 0.001 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:228 Resp: 6608
Ion Ratio Lower Upper
228 100
226 32.3 24.6 36.8
229 20.8 15.7 23.5

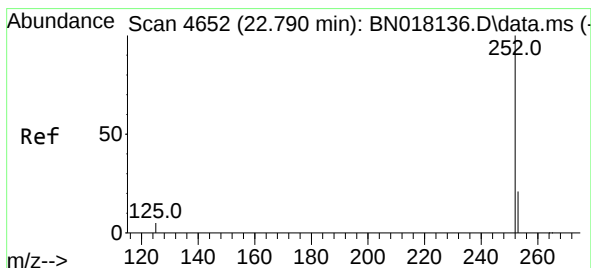
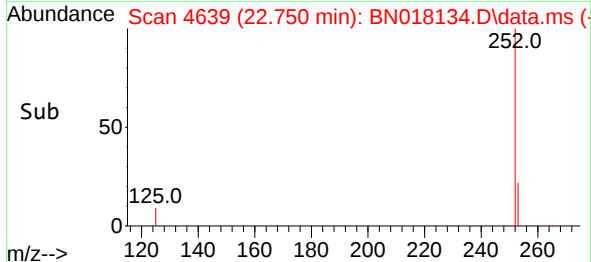
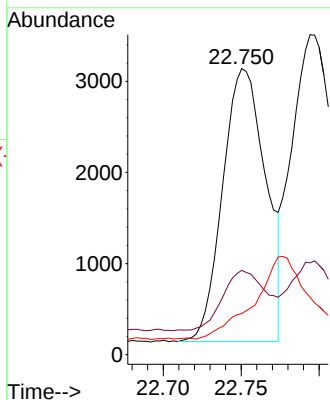
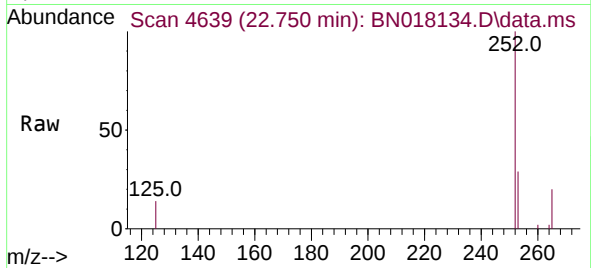




#24
Benzo(b)fluoranthene
Concen: 0.098 ng/ul
RT: 22.750 min Scan# 4637
Delta R.T. 0.004 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

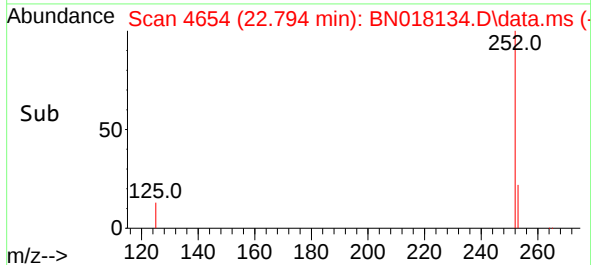
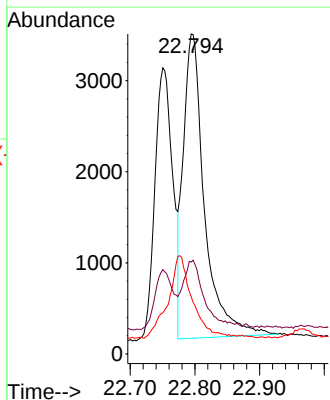
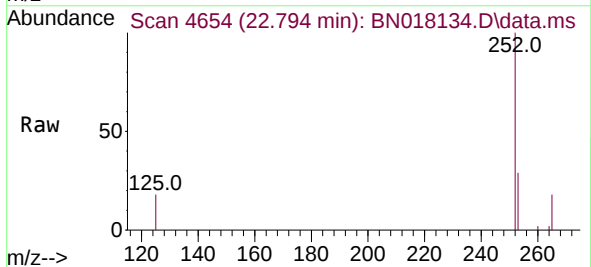
Instrument :
BNA_N
ClientSampleId :
SSTD0.1201

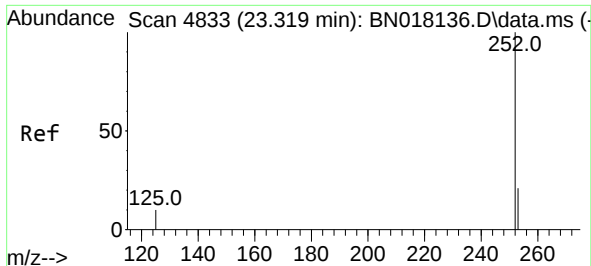
Tgt Ion:252 Resp: 5768
Ion Ratio Lower Upper
252 100
253 29.5 0.0 45.2
125 14.4 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul
RT: 22.794 min Scan# 4654
Delta R.T. 0.004 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:252 Resp: 7599
Ion Ratio Lower Upper
252 100
253 28.7 18.2 27.4#
125 17.9 7.7 11.5#

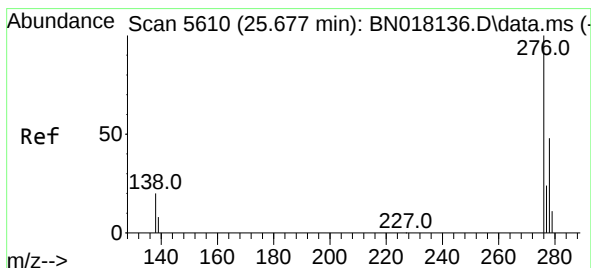
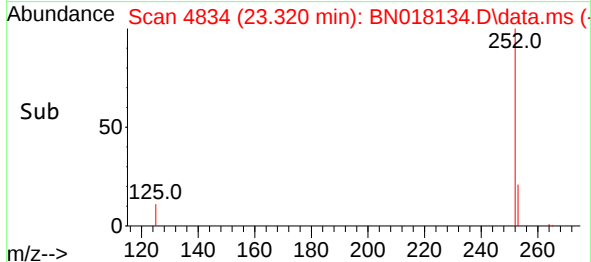
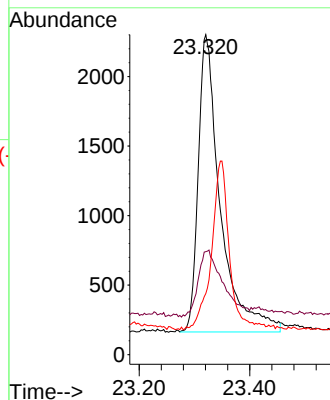
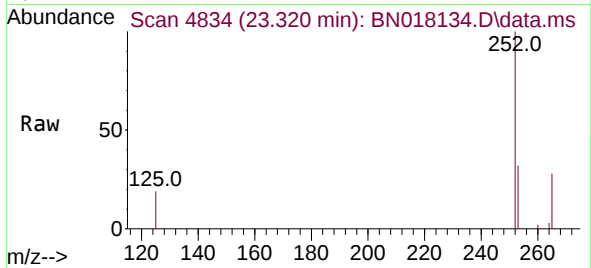




#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.320 min Scan# 4834
Delta R.T. 0.001 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

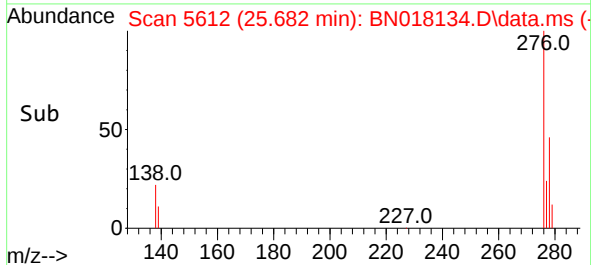
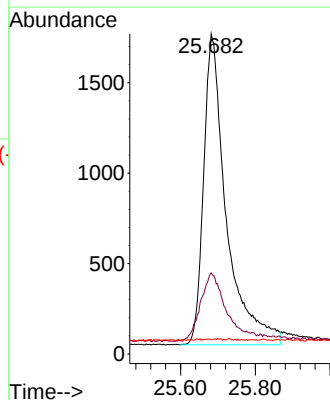
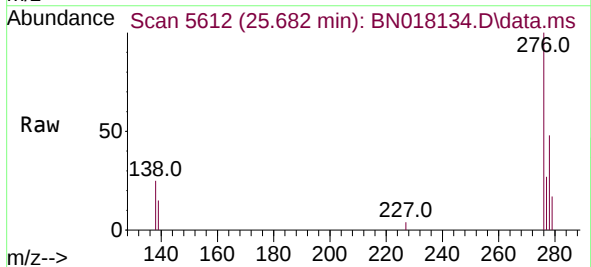
Instrument :
BNA_N
ClientSampleId :
SSTD0.1201

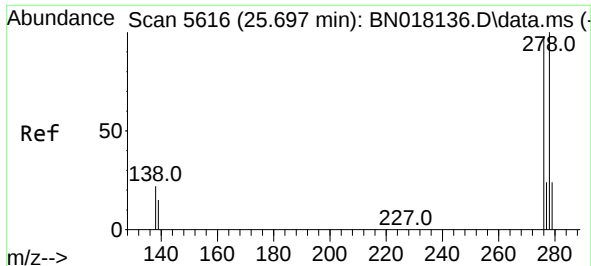
Tgt Ion:252 Resp: 5935
Ion Ratio Lower Upper
252 100
253 32.2 18.6 28.0#
125 19.1 8.8 13.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 25.682 min Scan# 5612
Delta R.T. 0.005 min
Lab File: BN018134.D
Acq: 21 Dec 2021 20:00

Tgt Ion:276 Resp: 7246
Ion Ratio Lower Upper
276 100
138 26.1 17.7 26.5
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul

RT: 25.702 min Scan# 5618

Delta R.T. 0.005 min

Lab File: BN018134.D

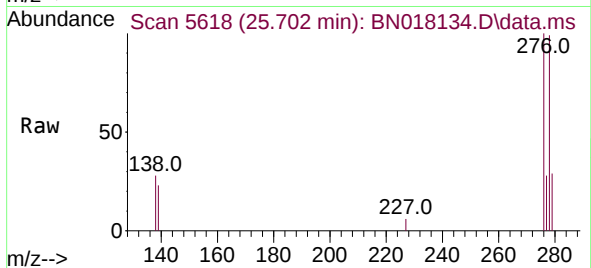
Acq: 21 Dec 2021 20:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.1201



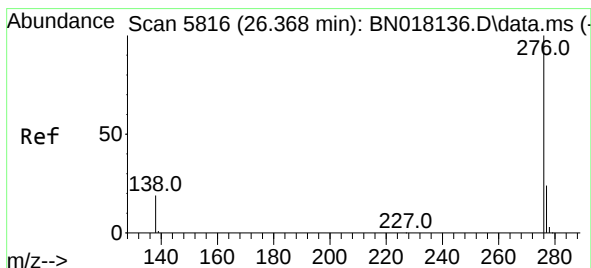
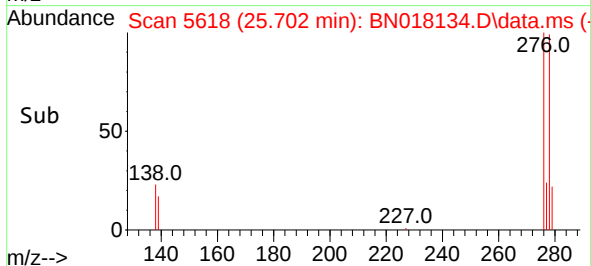
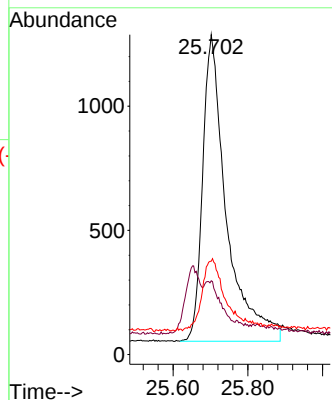
Tgt Ion:278 Resp: 5453

Ion Ratio Lower Upper

278 100

139 23.1 13.1 19.7#

279 29.2 20.6 31.0



#29

Benzo(g,h,i)perylene

Concen: 0.111 ng/ul

RT: 26.373 min Scan# 5818

Delta R.T. 0.005 min

Lab File: BN018134.D

Acq: 21 Dec 2021 20:00

Tgt Ion:276 Resp: 6093

Ion Ratio Lower Upper

276 100

138 22.0 15.8 23.8

277 25.8 19.7 29.5

