

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021300.D
 Acq On : 22 Aug 2022 13:50
 Operator : CG/JU
 Sample : SST0.134
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1237

Quant Time: Aug 22 17:52:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 17:51:15 2022
 Response via : Initial Calibration

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

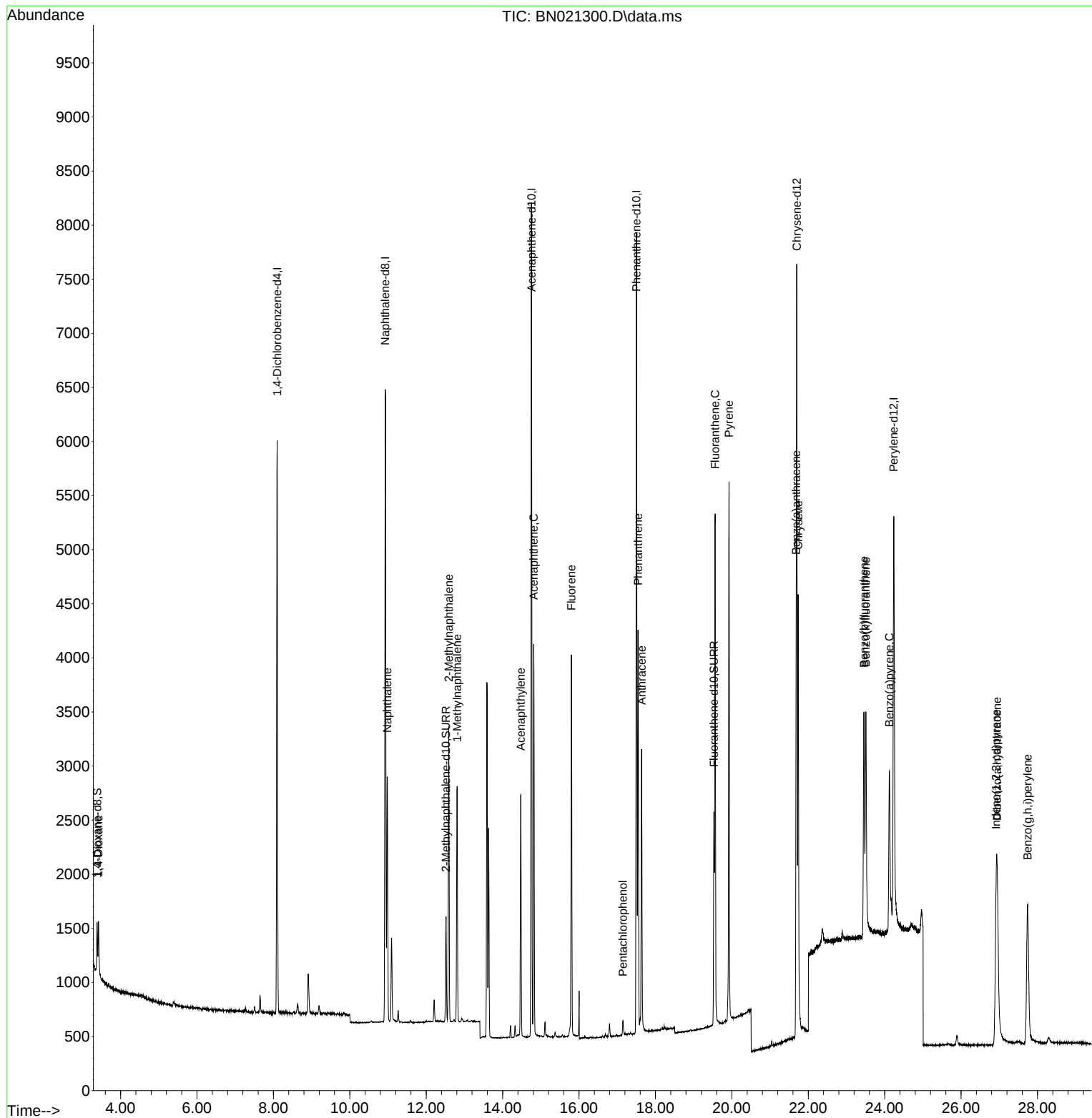
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8130	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4192	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8485	0.400	ng/ul	0.00
17) Chrysene-d12	21.700	240	6548	0.400	ng/ul	# 0.00
23) Perylene-d12	24.237	264	5921	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	317	0.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1240	0.104	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	2103	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	364	0.103	ng/ul#	81
5) Naphthalene	10.982	128	3161	0.127	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	1941	0.128	ng/ul	98
8) 1-Methylnaphthalene	12.808	142	1513	0.100	ng/ul	99
10) Acenaphthylene	14.476	152	2608	0.133	ng/ul	97
11) Acenaphthene	14.814	153	2038	0.126	ng/ul	97
12) Fluorene	15.799	166	2275	0.128	ng/ul	99
14) Pentachlorophenol	17.147	266	111	0.085	ng/ul	93
15) Phenanthrene	17.544	178	3968	0.131	ng/ul	97
16) Anthracene	17.637	178	3028	0.129	ng/ul	96
19) Fluoranthene	19.562	202	4018	0.139	ng/ul	95
20) Pyrene	19.924	202	4165	0.139	ng/ul#	93
21) Benzo(a)anthracene	21.682	228	2792	0.131	ng/ul	96
22) Chrysene	21.735	228	3687	0.131	ng/ul	99
24) Benzo(b)fluoranthene	23.456	252	3003	0.110	ng/ul	84
25) Benzo(k)fluoranthene	23.506	252	3091	0.107	ng/ul#	82
26) Benzo(a)pyrene	24.123	252	2842	0.114	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.918	276	3184	0.107	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.945	278	2567	0.109	ng/ul#	89
29) Benzo(g,h,i)perylene	27.743	276	3278	0.123	ng/ul	93

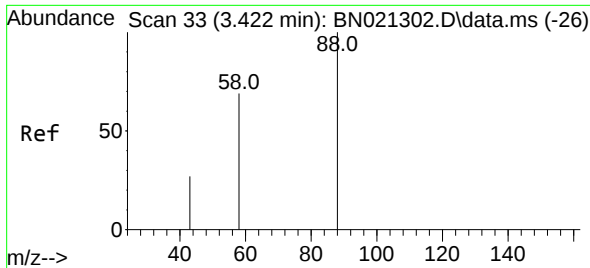
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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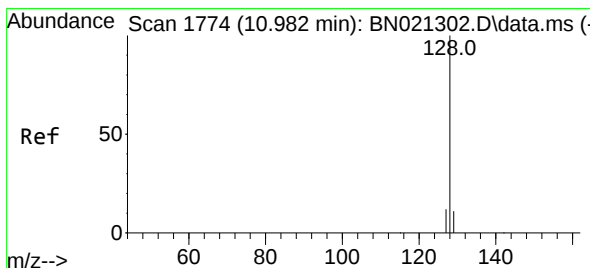
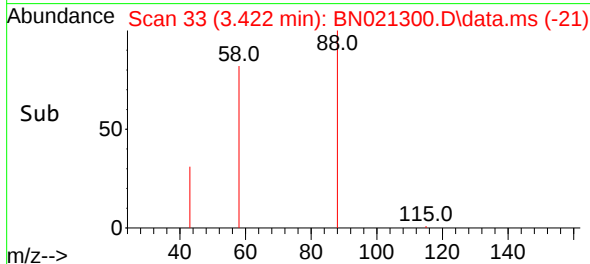
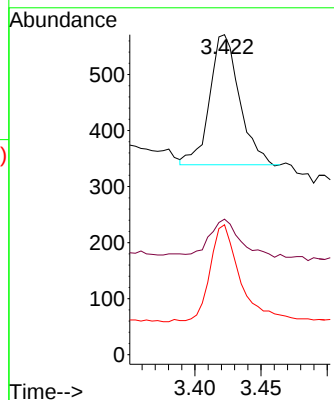
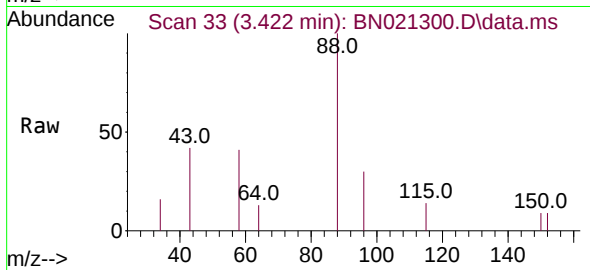




#2
 1,4-Dioxane
 Concen: 0.103 ng/ul
 RT: 3.422 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN021300.D
 Acq: 22 Aug 2022 13:50

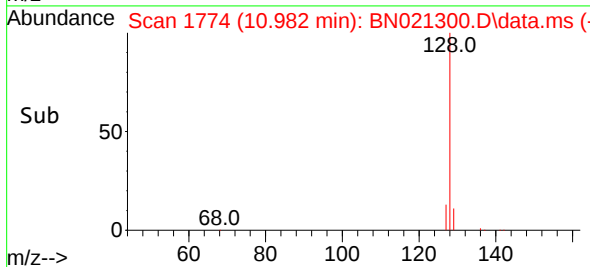
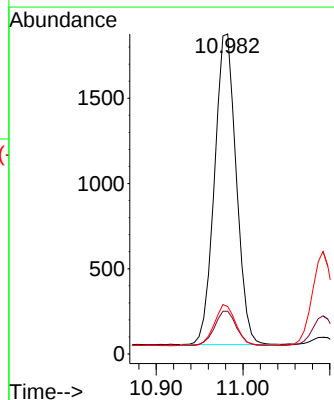
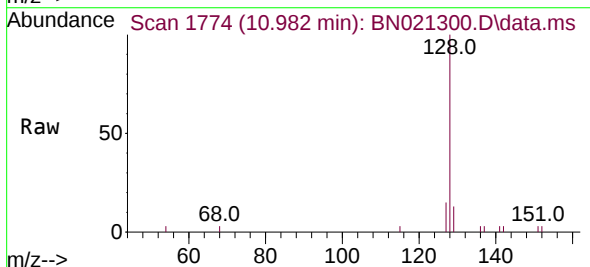
Instrument :
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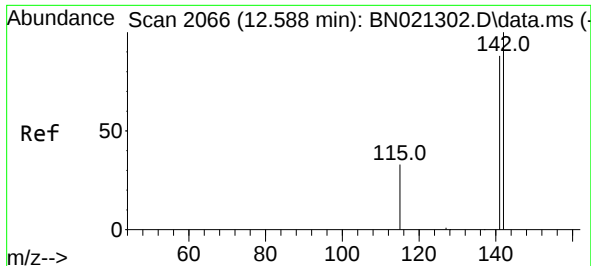
Tgt Ion: 88 Resp: 364
 Ion Ratio Lower Upper
 88 100
 43 42.4 31.4 47.0
 58 40.6 49.0 73.6#



#5
 Naphthalene
 Concen: 0.127 ng/ul
 RT: 10.982 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: BN021300.D
 Acq: 22 Aug 2022 13:50

Tgt Ion: 128 Resp: 3161
 Ion Ratio Lower Upper
 128 100
 129 13.4 9.8 14.6
 127 14.8 11.6 17.4

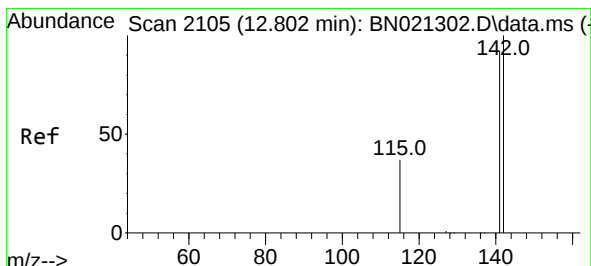
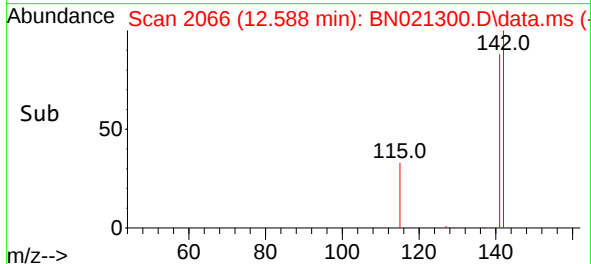
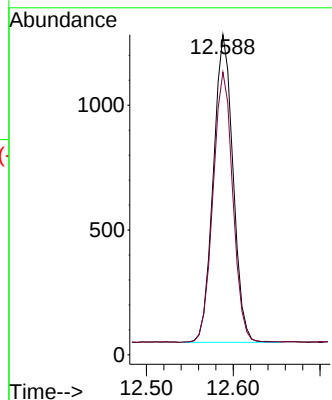
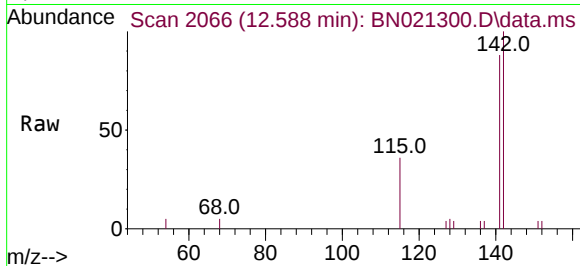




#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

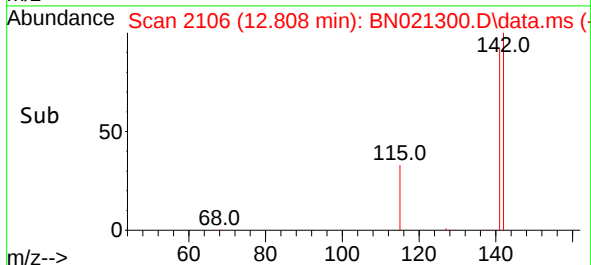
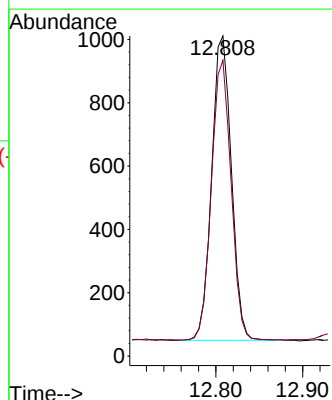
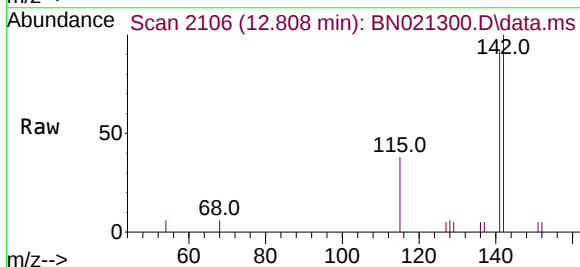
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

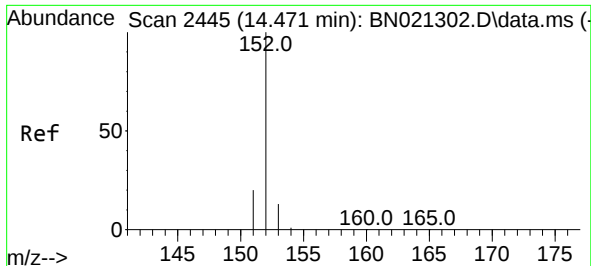
Tgt Ion:142 Resp: 1941
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.808 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:142 Resp: 1513
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

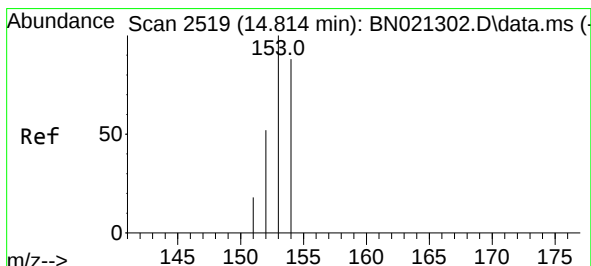
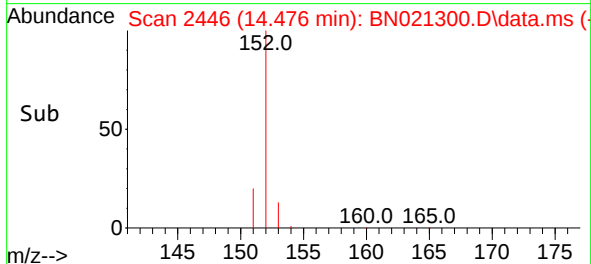
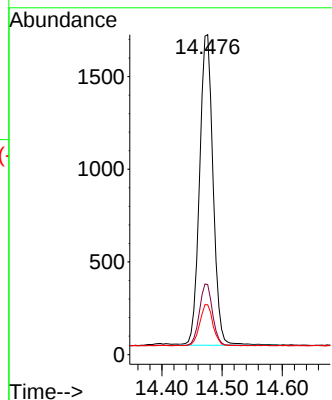
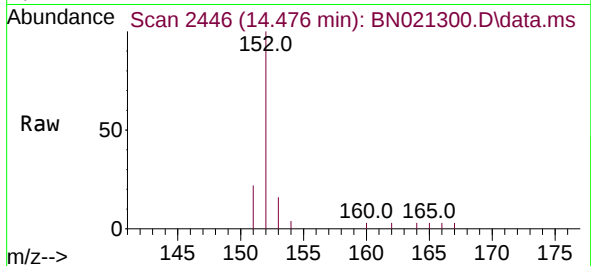




#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 14.476 min Scan# 2445
Delta R.T. 0.005 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

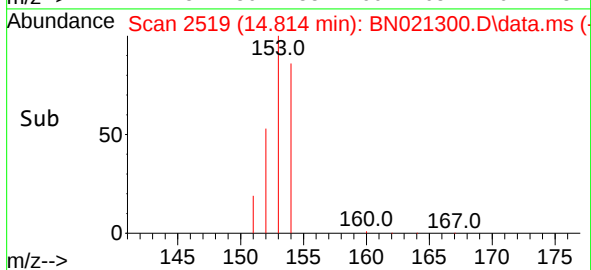
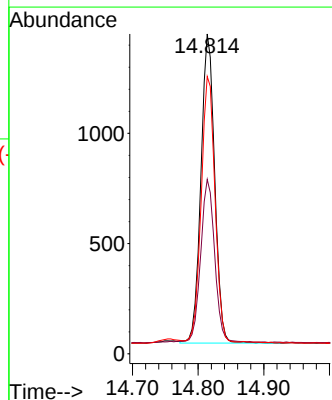
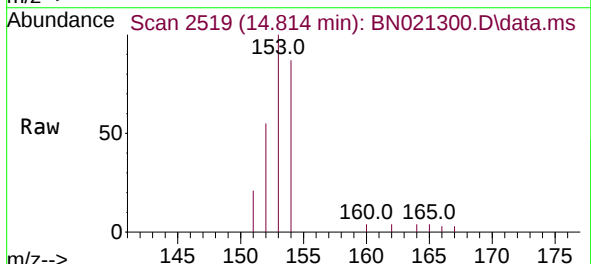
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

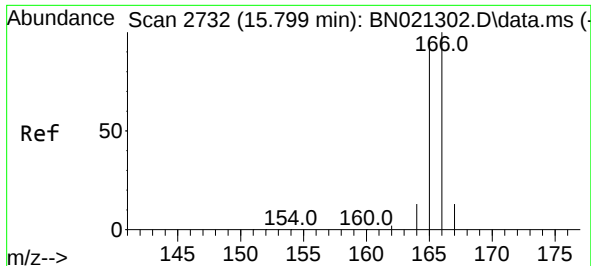
Tgt Ion:152 Resp: 2608
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3
153 15.6 11.2 16.8



#11
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:153 Resp: 2038
Ion Ratio Lower Upper
153 100
152 54.5 40.2 60.4
154 86.7 70.7 106.1

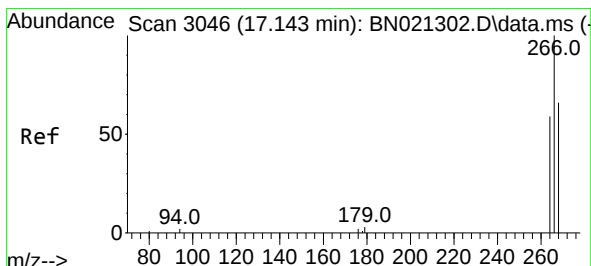
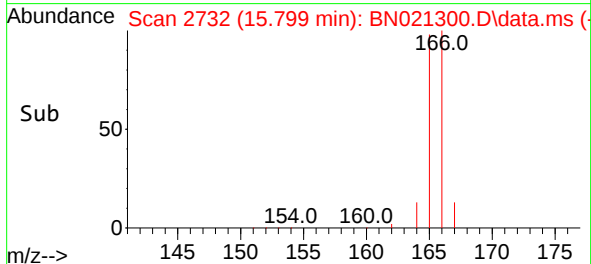
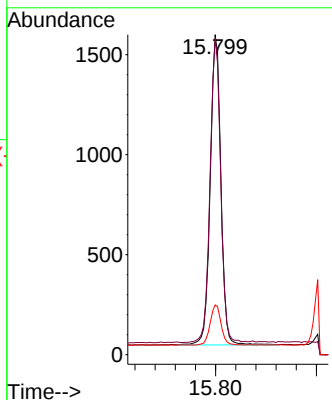
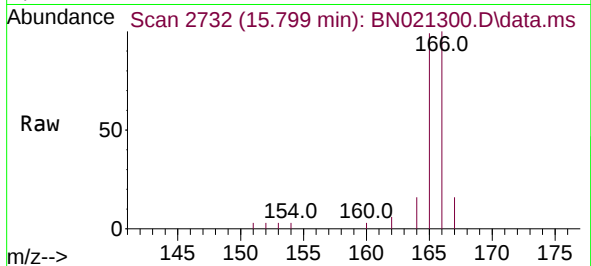




#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

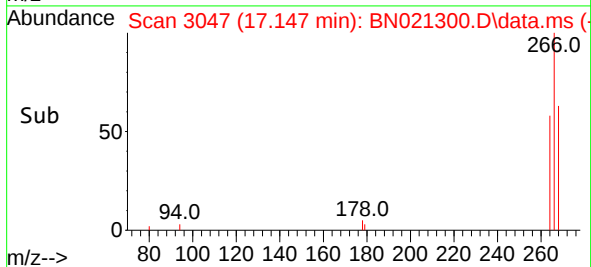
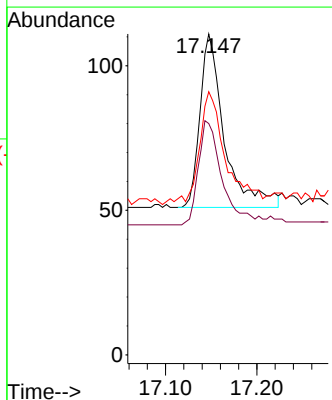
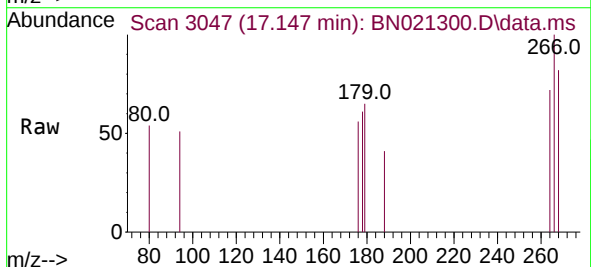
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ClientSampleId :
SSTD0.1237

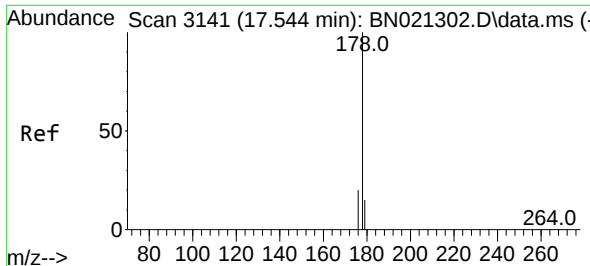
Tgt Ion:166 Resp: 2275
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 15.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.085 ng/ul
RT: 17.147 min Scan# 3047
Delta R.T. 0.004 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 59.5 49.8 74.8
268 71.2 50.6 75.8

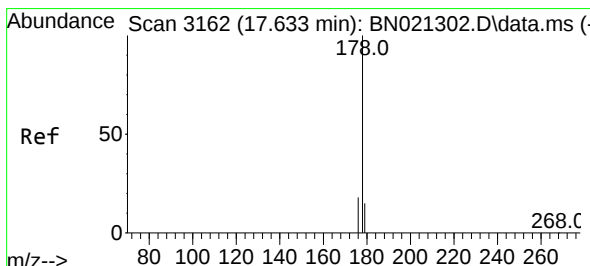
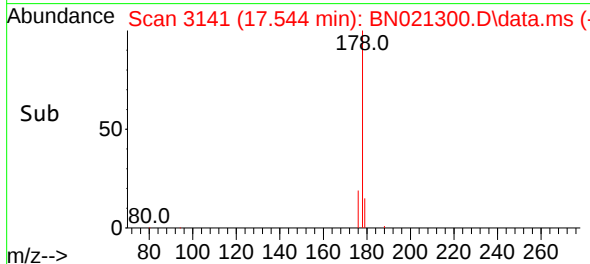
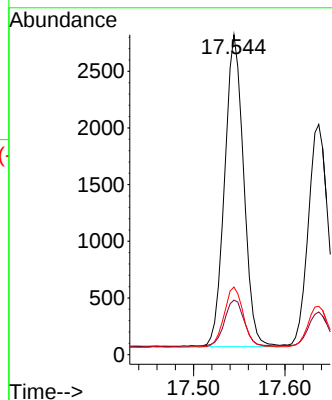
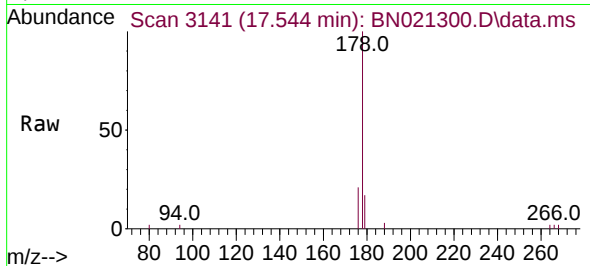




#15
Phenanthrene
Concen: 0.131 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

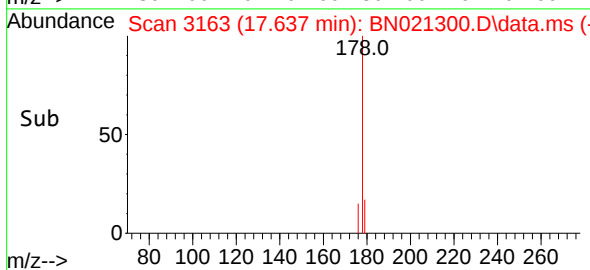
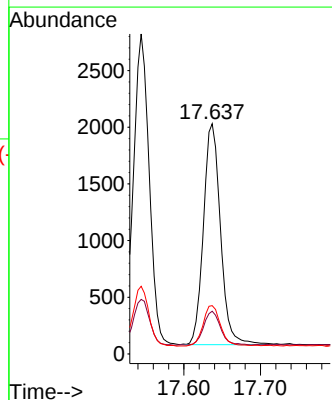
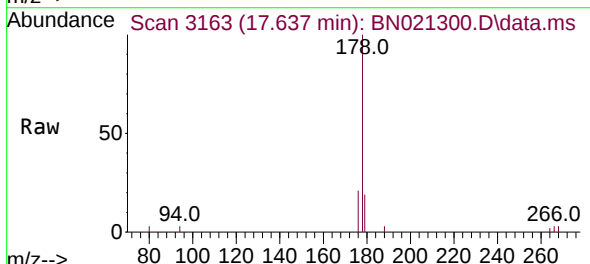
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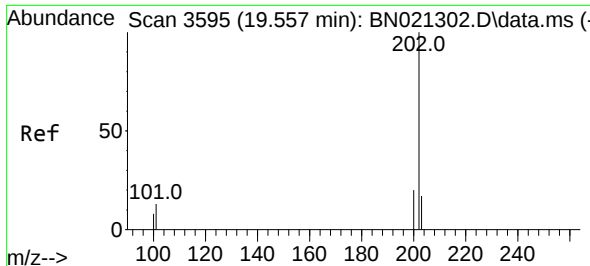
Tgt Ion:178 Resp: 3968
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 21.1 15.9 23.9



#16
Anthracene
Concen: 0.129 ng/ul
RT: 17.637 min Scan# 3163
Delta R.T. 0.004 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:178 Resp: 3028
Ion Ratio Lower Upper
178 100
179 18.6 12.9 19.3
176 21.0 15.9 23.9

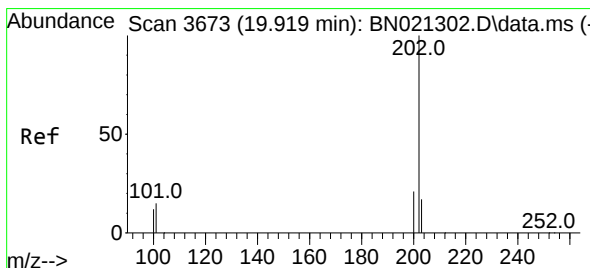
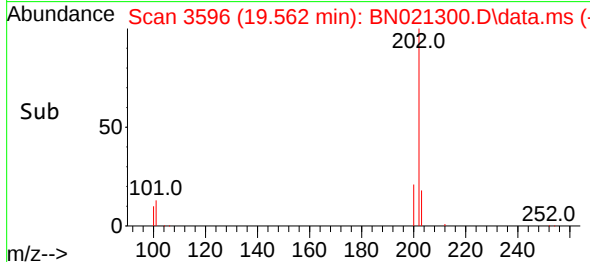
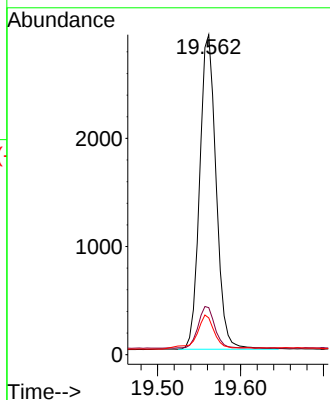
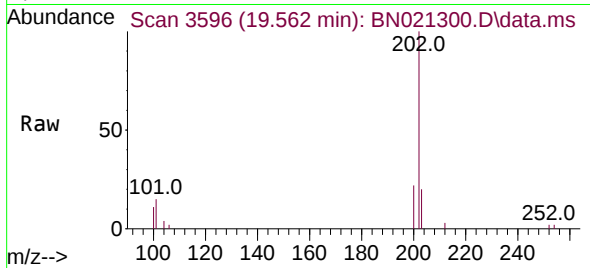




#19
Fluoranthene
Concen: 0.139 ng/u1
RT: 19.562 min Scan# 3596
Delta R.T. 0.005 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

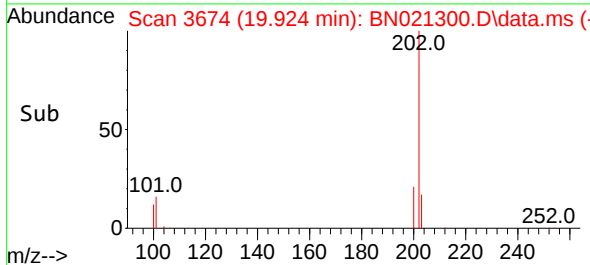
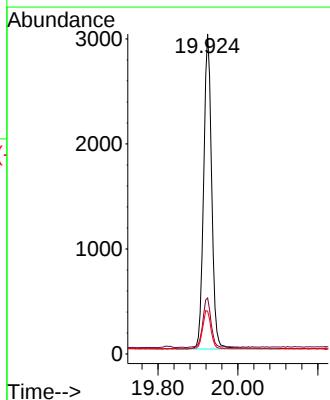
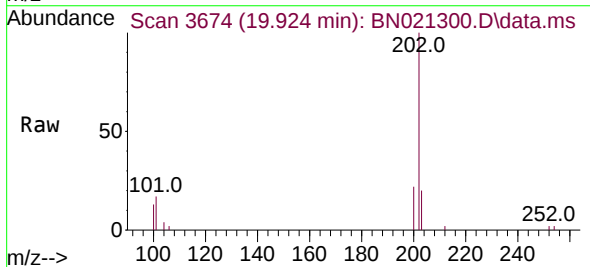
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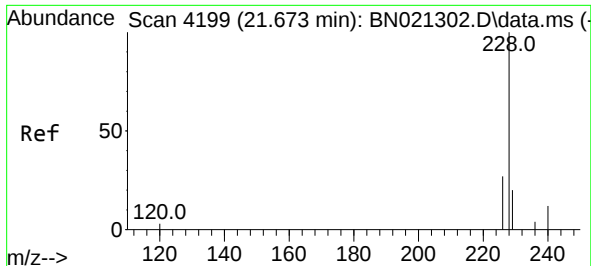
Tgt Ion:202 Resp: 4018
Ion Ratio Lower Upper
202 100
101 14.7 10.0 15.0
100 11.5 8.0 12.0



#20
Pyrene
Concen: 0.139 ng/u1
RT: 19.924 min Scan# 3674
Delta R.T. 0.005 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:202 Resp: 4165
Ion Ratio Lower Upper
202 100
101 17.5 11.3 16.9#
100 13.4 9.0 13.4

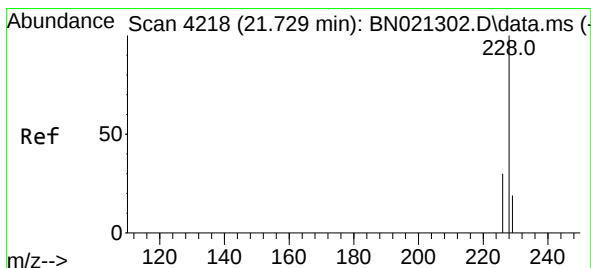
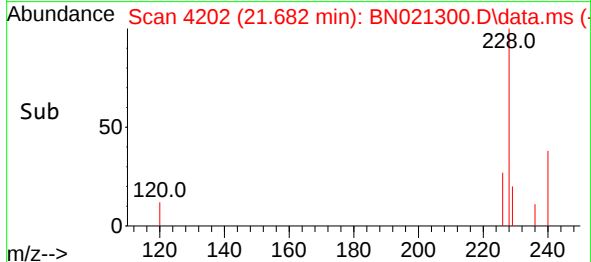
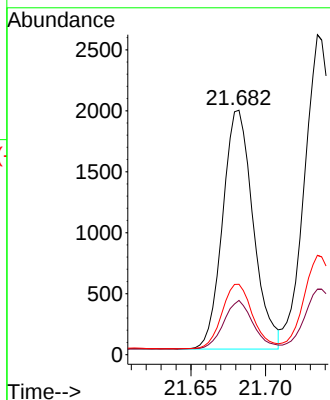
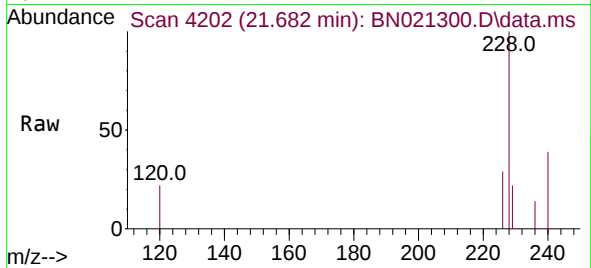




#21
Benzo(a)anthracene
Concen: 0.131 ng/ul
RT: 21.682 min Scan# 4199
Delta R.T. 0.009 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

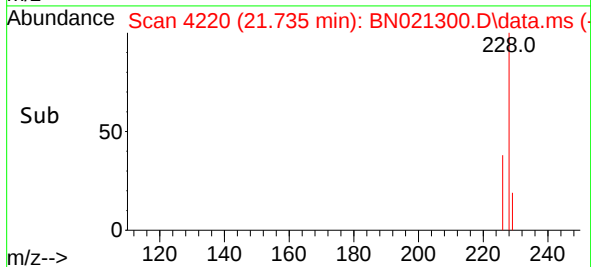
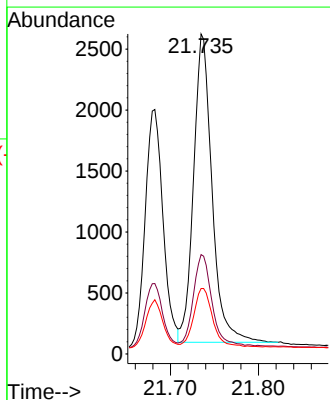
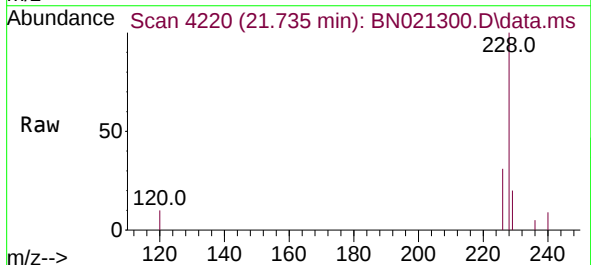
Instrument :
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ClientSampleId :
SSTD0.1237

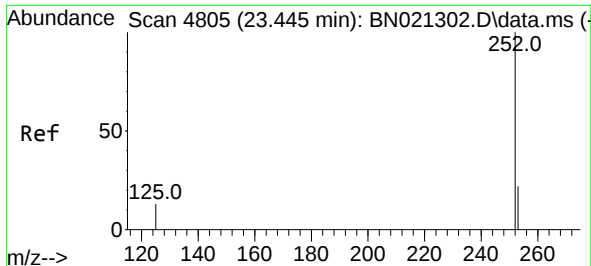
Tgt Ion:228 Resp: 2792
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 28.8 21.9 32.9



#22
Chrysene
Concen: 0.131 ng/ul
RT: 21.735 min Scan# 4220
Delta R.T. 0.006 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:228 Resp: 3687
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.4 15.8 23.8

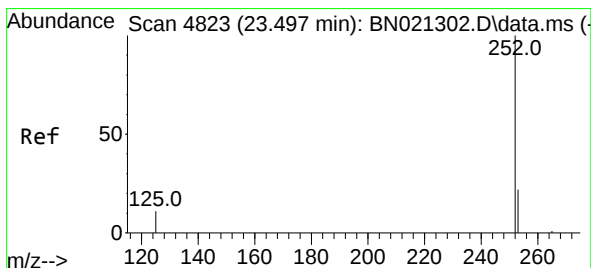
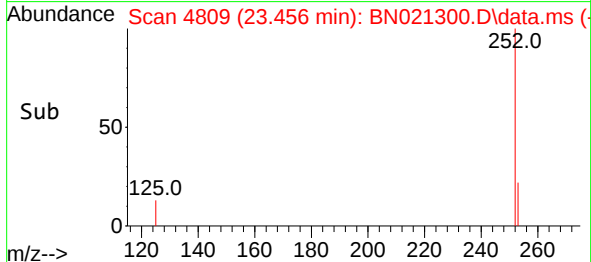
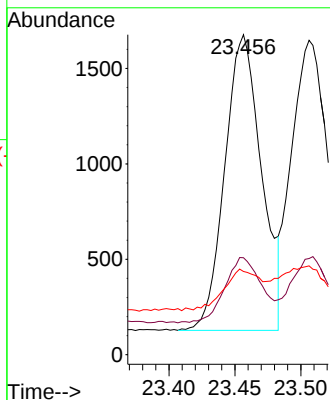
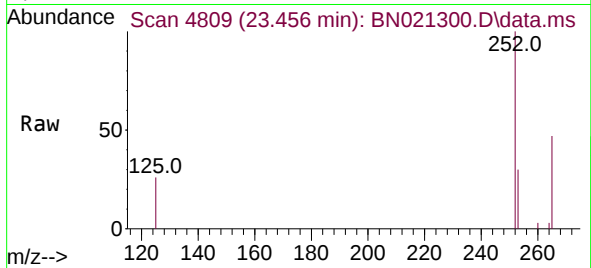




#24
Benzo(b)fluoranthene
Concen: 0.110 ng/ul
RT: 23.456 min Scan# 4809
Delta R.T. 0.012 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

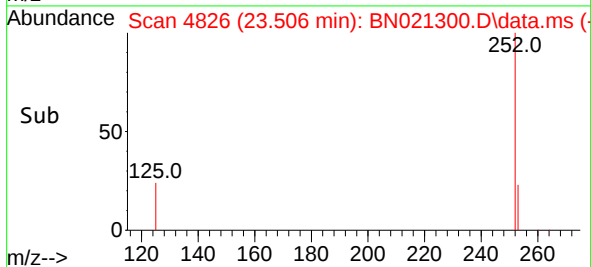
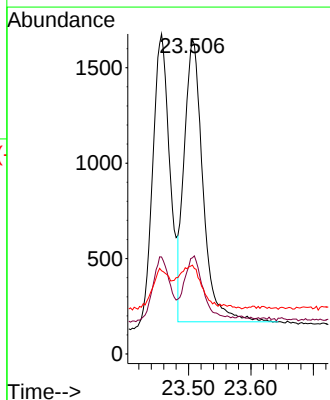
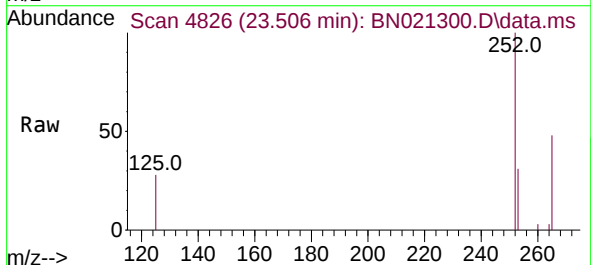
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

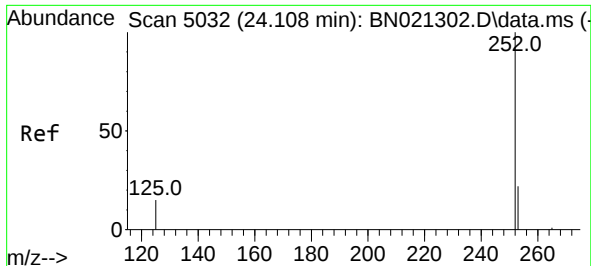
Tgt Ion:252 Resp: 3003
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.8
125 26.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul
RT: 23.506 min Scan# 4826
Delta R.T. 0.009 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:252 Resp: 3091
Ion Ratio Lower Upper
252 100
253 30.6 20.6 31.0
125 28.3 11.8 17.6#

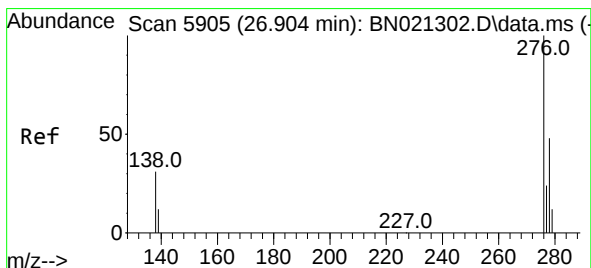
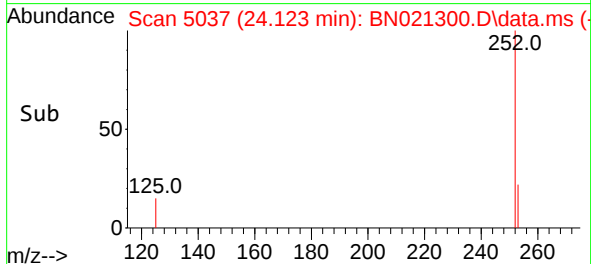
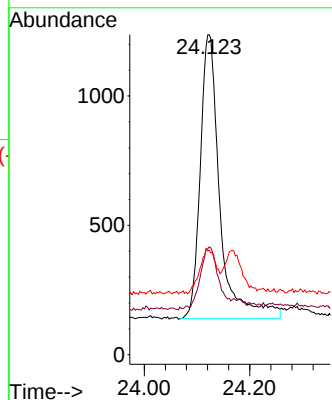
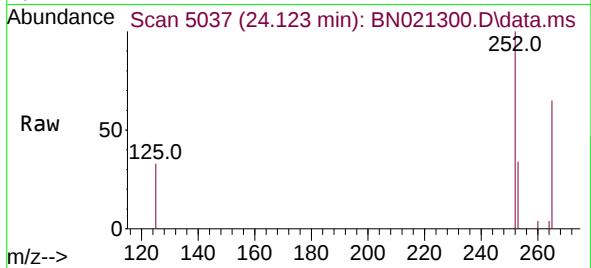




#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 24.123 min Scan# 5037
Delta R.T. 0.015 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

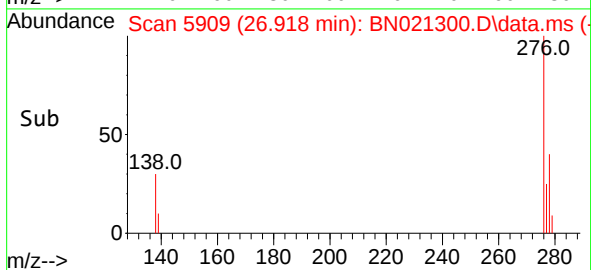
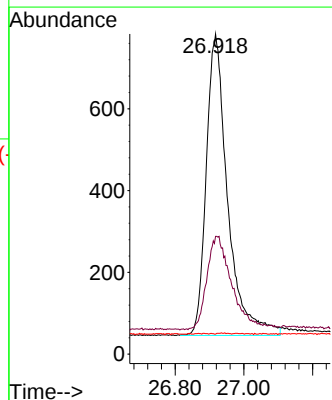
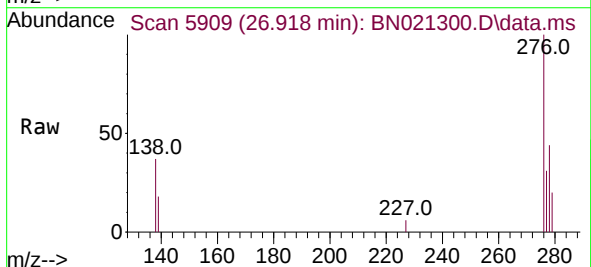
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

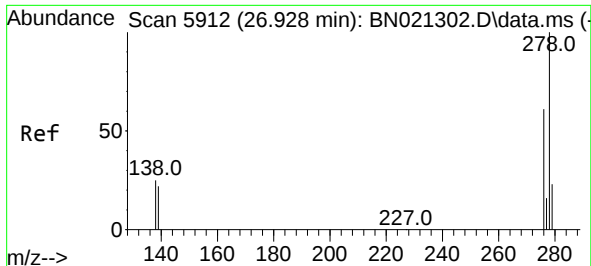
Tgt Ion:252 Resp: 2842
Ion Ratio Lower Upper
252 100
253 33.7 22.1 33.1#
125 32.7 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 26.918 min Scan# 5909
Delta R.T. 0.014 min
Lab File: BN021300.D
Acq: 22 Aug 2022 13:50

Tgt Ion:276 Resp: 3184
Ion Ratio Lower Upper
276 100
138 36.0 26.1 39.1
227 0.1 0.1 0.1#

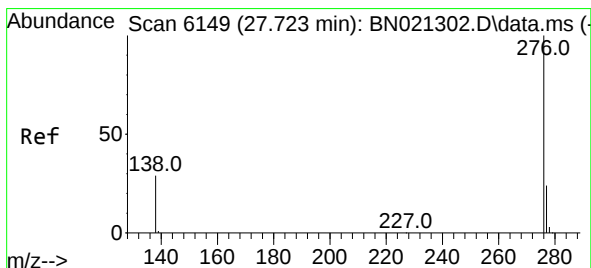
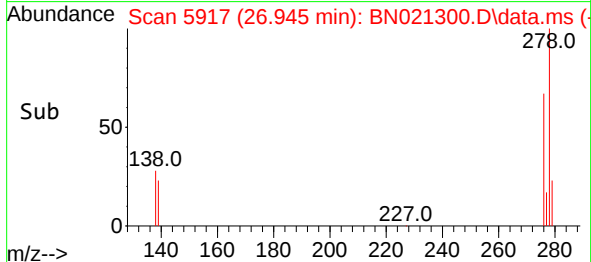
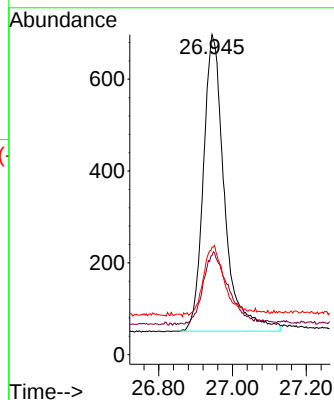
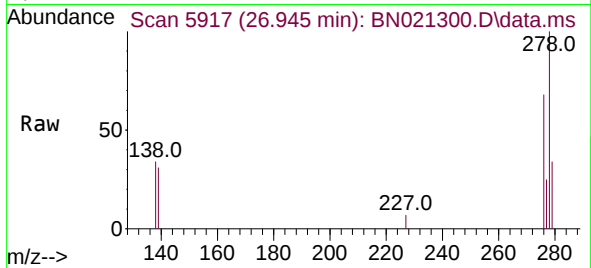




#28
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/ul
 RT: 26.945 min Scan# 5917
 Delta R.T. 0.017 min
 Lab File: BN021300.D
 Acq: 22 Aug 2022 13:50

Instrument :
 BNA_N
 ClientSampleId :
 SST00.1237

Tgt Ion:278 Resp: 2567
 Ion Ratio Lower Upper
 278 100
 139 31.0 18.3 27.5#
 279 33.6 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.123 ng/ul
 RT: 27.743 min Scan# 6155
 Delta R.T. 0.020 min
 Lab File: BN021300.D
 Acq: 22 Aug 2022 13:50

Tgt Ion:276 Resp: 3278
 Ion Ratio Lower Upper
 276 100
 138 32.7 22.6 34.0
 277 28.3 20.2 30.2

