

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021212.D
 Acq On : 13 Aug 2022 15:08
 Operator : CG/JU
 Sample : PB146959BS
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS959

Quant Time: Aug 14 23:04:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

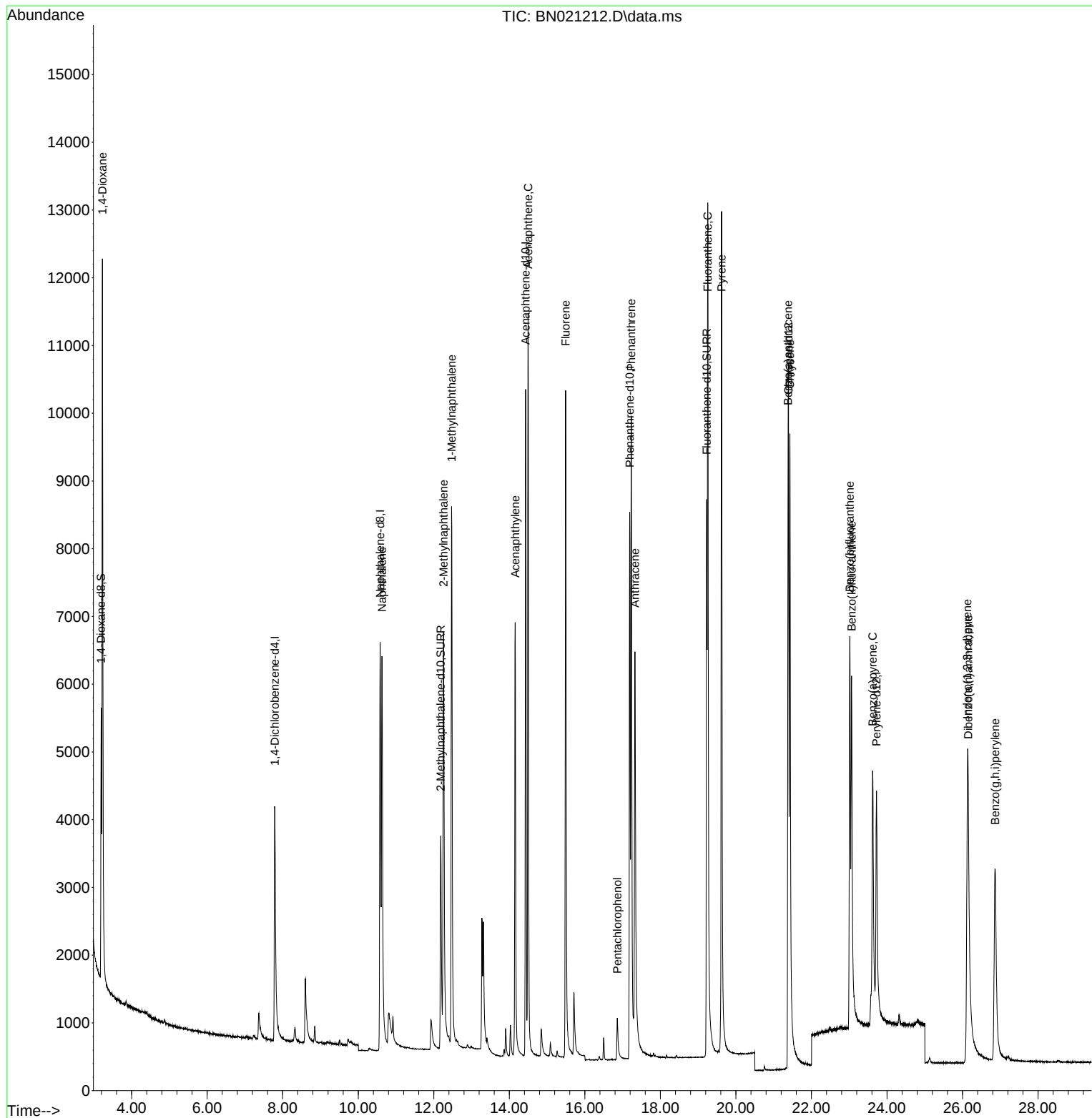
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2924	0.400	ng/u1	0.00
4) Naphthalene-d8	10.580	136	10198	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.433	164	5965	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.189	188	11002	0.400	ng/u1	0.00
17) Chrysene-d12	21.395	240	7323	0.400	ng/u1	0.00
23) Perylene-d12	23.722	264	5584	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2602	0.696	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.186	152	5440	0.364	ng/u1	0.00
18) Fluoranthene-d10	19.226	212	10556	0.467	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	6992	1.814	ng/u1	85
5) Naphthalene	10.629	128	10004	0.319	ng/u1	99
7) 2-Methylnaphthalene	12.257	142	6019	0.317	ng/u1	99
8) 1-Methylnaphthalene	12.472	142	6654	0.350	ng/u1	100
10) Acenaphthylene	14.156	152	8830	0.317	ng/u1	99
11) Acenaphthene	14.498	153	7159	0.310	ng/u1	99
12) Fluorene	15.493	166	7761	0.308	ng/u1	98
14) Pentachlorophenol	16.859	266	677	0.399	ng/u1	98
15) Phenanthrene	17.231	178	12128	0.308	ng/u1	100
16) Anthracene	17.328	178	9767	0.320	ng/u1	99
19) Fluoranthene	19.254	202	12944	0.399	ng/u1	98
20) Pyrene	19.621	202	13257	0.396	ng/u1	97
21) Benzo(a)anthracene	21.380	228	7716	0.323	ng/u1	99
22) Chrysene	21.430	228	10016	0.318	ng/u1	100
24) Benzo(b)fluoranthene	23.017	252	8327	0.322	ng/u1	98
25) Benzo(k)fluoranthene	23.064	252	8883	0.326	ng/u1	98
26) Benzo(a)pyrene	23.619	252	7789	0.330	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.132	276	8395	0.298	ng/u1	100
28) Dibenzo(a,h)anthracene	26.152	278	6486	0.292	ng/u1	97
29) Benzo(g,h,i)perylene	26.863	276	7930	0.316	ng/u1	98

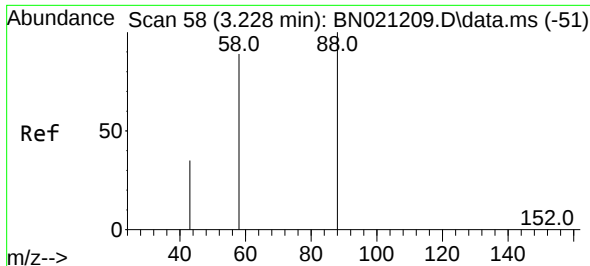
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
Data File : BN021212.D
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ALS Vial : 98 Sample Multiplier: 1

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Quant Time: Aug 14 23:04:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration

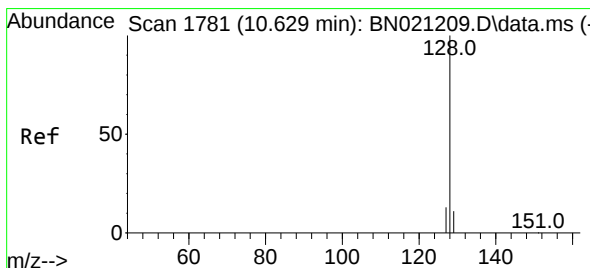
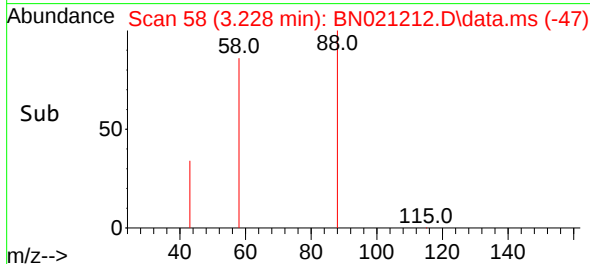
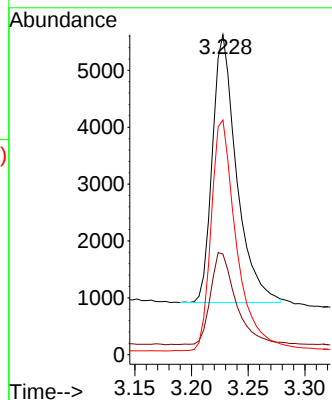
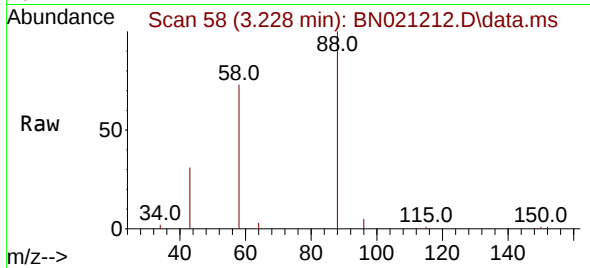




#2
 1,4-Dioxane
 Concen: 1.814 ng/ul
 RT: 3.228 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN021212.D
 Acq: 13 Aug 2022 15:08

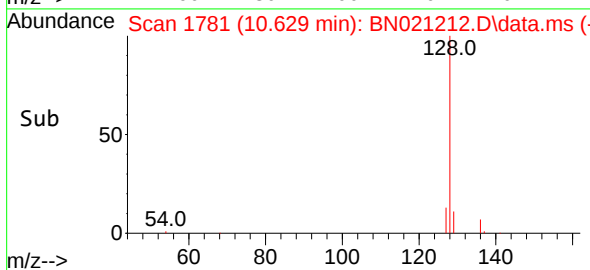
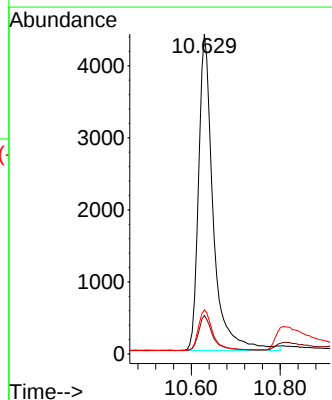
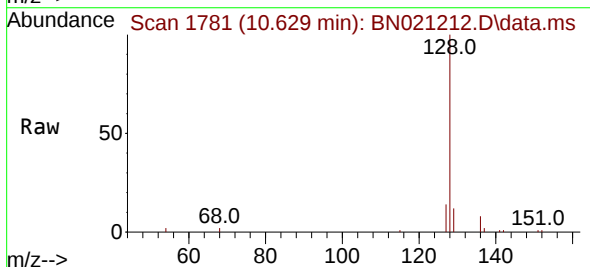
Instrument :
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 ClientSampleId :
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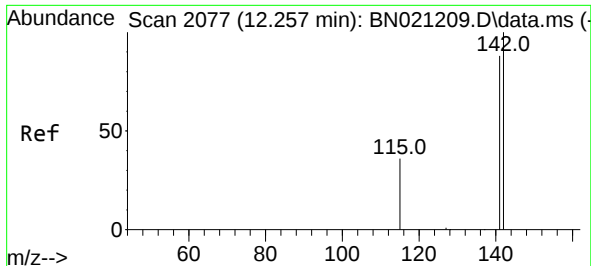
Tgt Ion: 88 Resp: 6992
 Ion Ratio Lower Upper
 88 100
 43 31.5 31.4 47.0
 58 73.3 49.0 73.6



#5
 Naphthalene
 Concen: 0.319 ng/ul
 RT: 10.629 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: BN021212.D
 Acq: 13 Aug 2022 15:08

Tgt Ion:128 Resp: 10004
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.8 14.6
 127 13.8 11.6 17.4

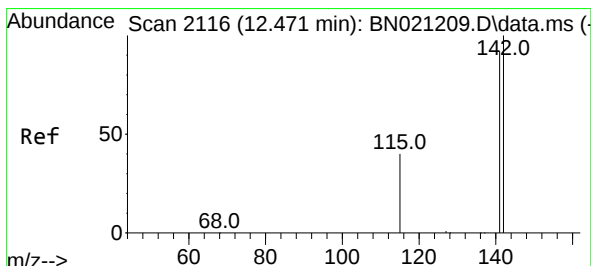
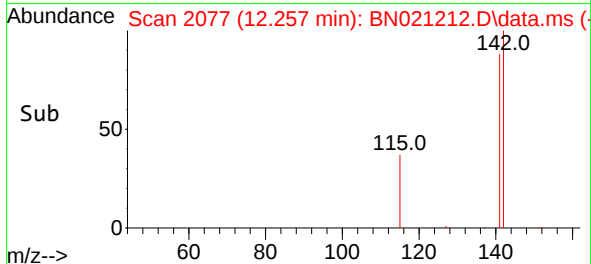
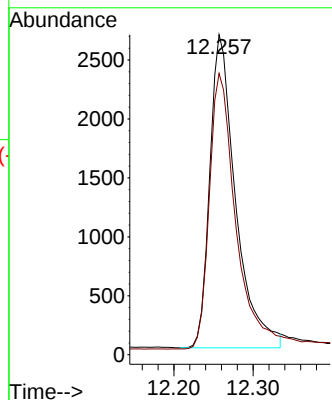
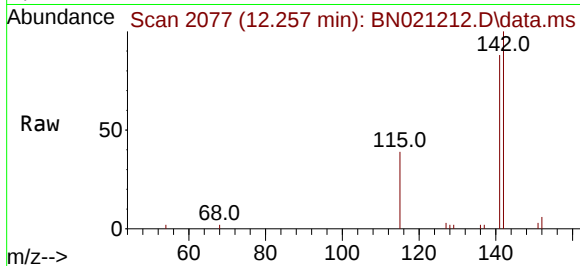




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.257 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

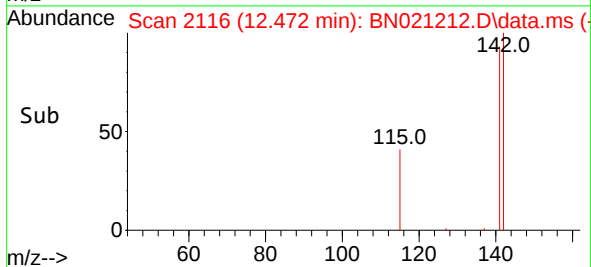
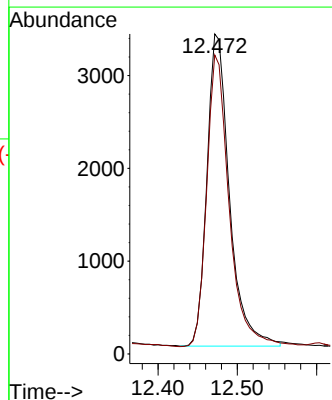
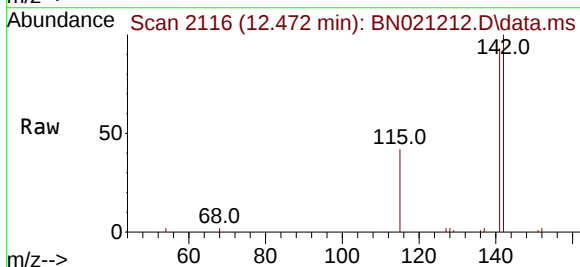
Instrument :
BNA_N
ClientSampleId :
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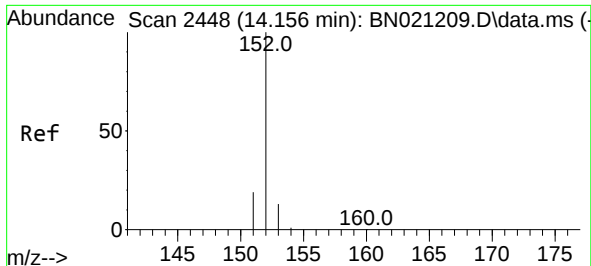
Tgt Ion:142 Resp: 6019
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.472 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:142 Resp: 6654
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

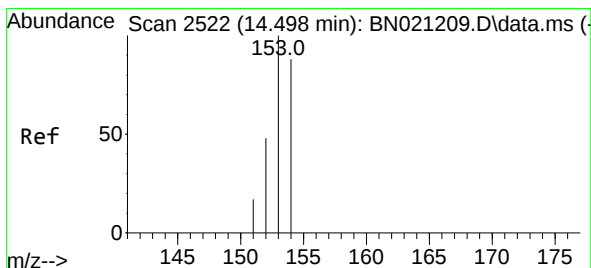
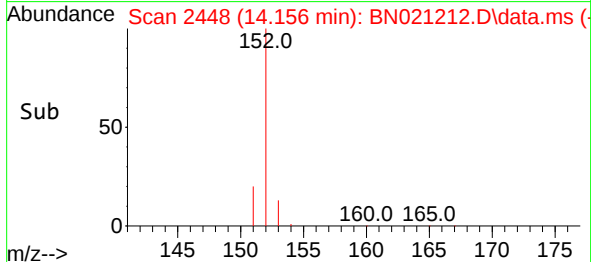
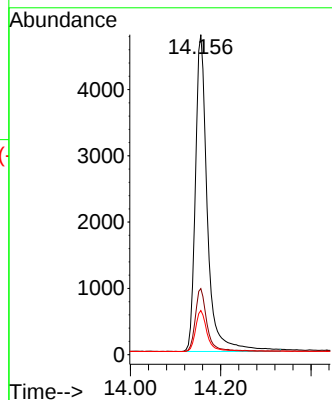
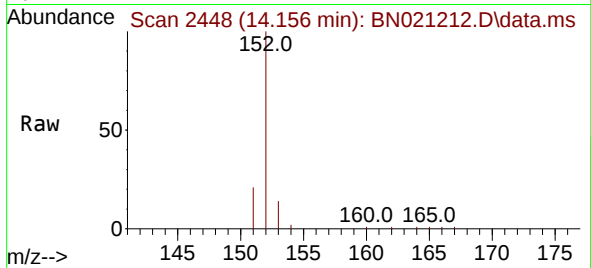




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

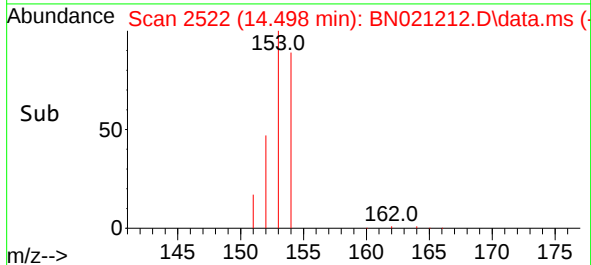
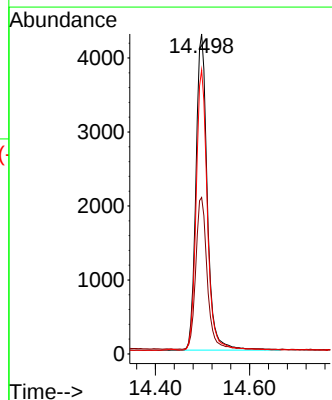
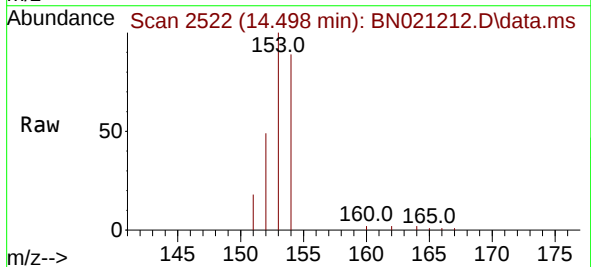
Instrument :
BNA_N
ClientSampleId :
SLCS959

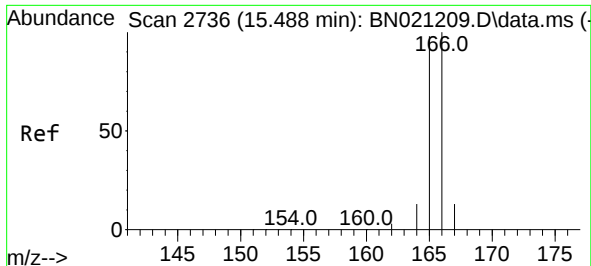
Tgt Ion:152 Resp: 8830
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:153 Resp: 7159
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.7 70.7 106.1

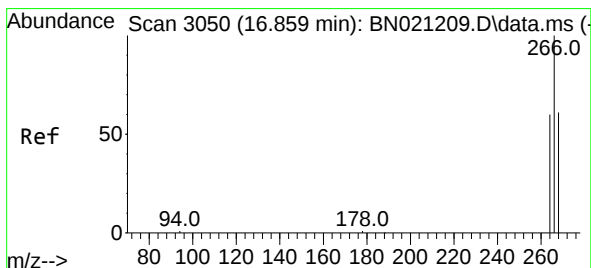
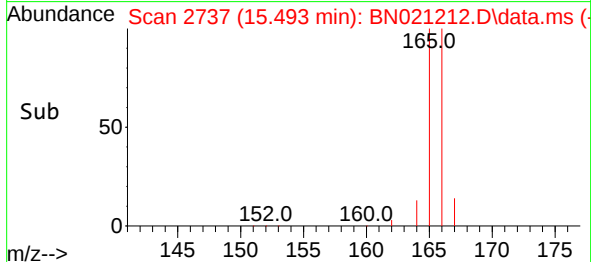
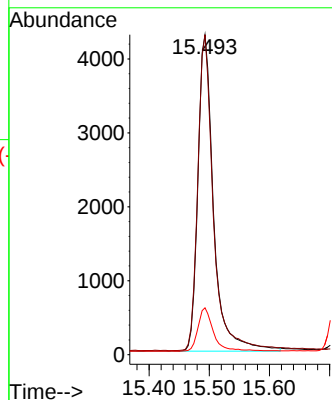
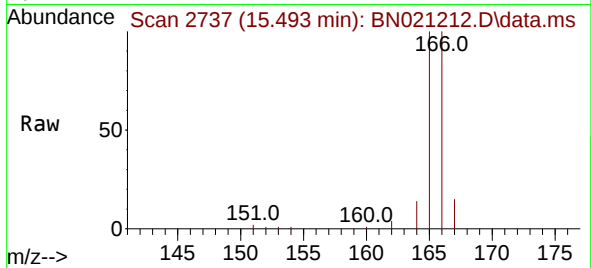




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

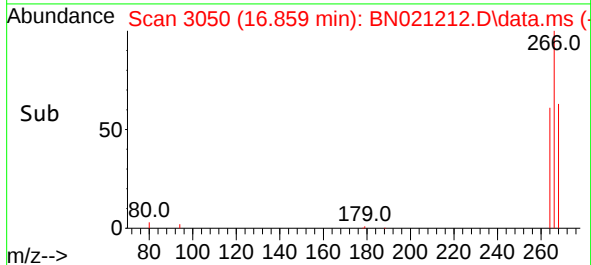
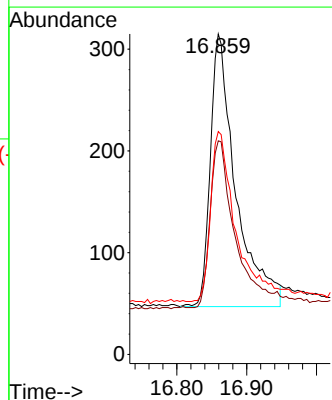
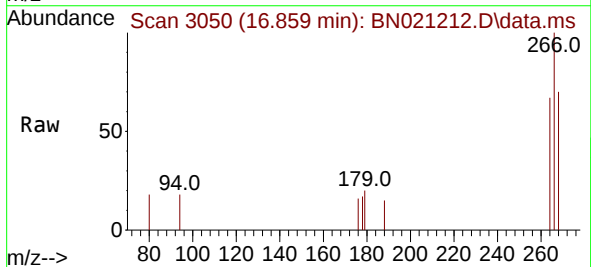
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BNA_N
ClientSampleId :
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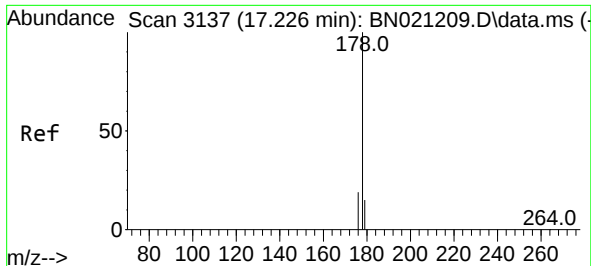
Tgt Ion:166 Resp: 7761
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.399 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:266 Resp: 677
Ion Ratio Lower Upper
266 100
264 60.7 49.8 74.8
268 62.0 50.6 75.8

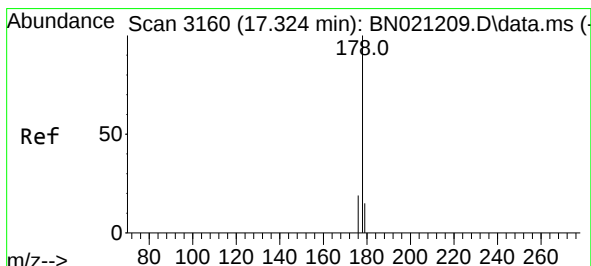
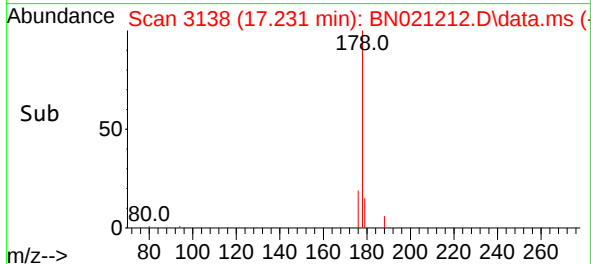
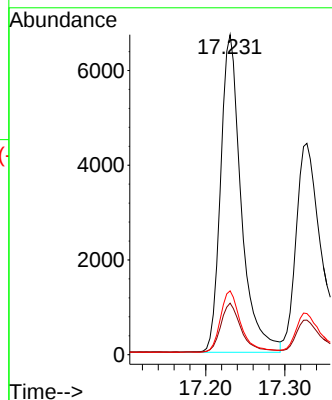
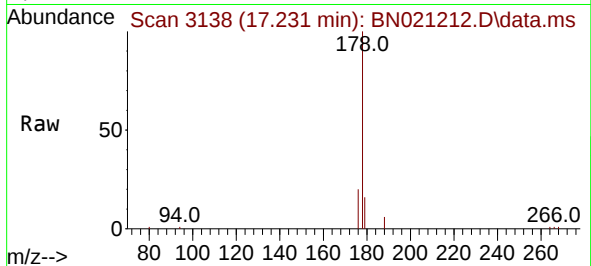




#15
Phenanthrene
Concen: 0.308 ng/u1
RT: 17.231 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

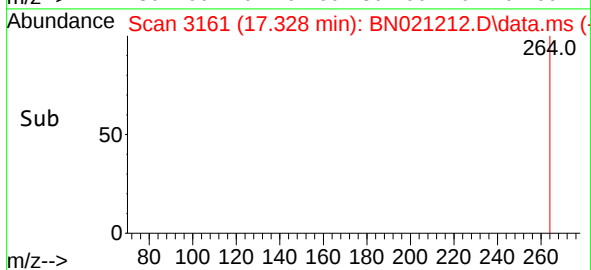
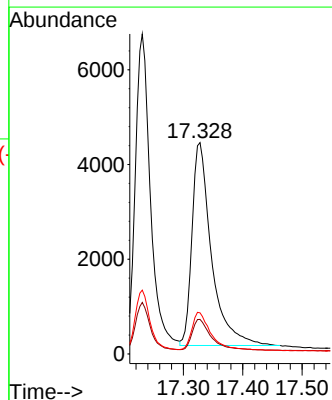
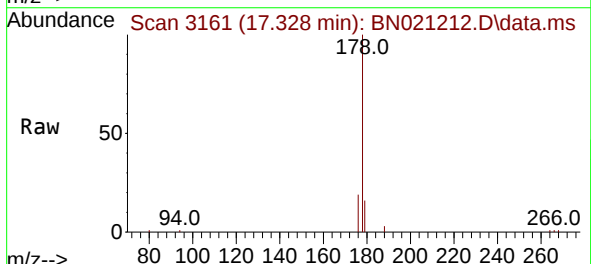
Instrument :
BNA_N
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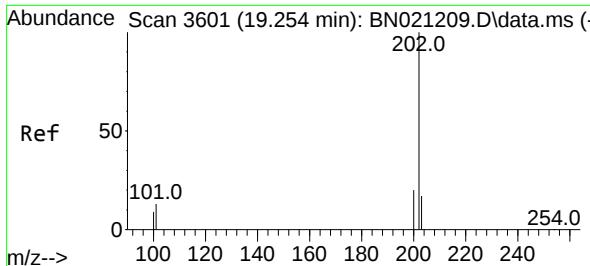
Tgt Ion:178 Resp: 12128
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.328 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:178 Resp: 9767
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.5 15.9 23.9

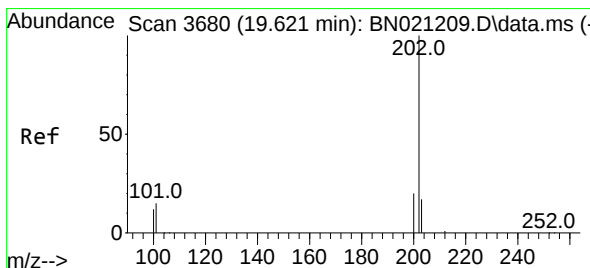
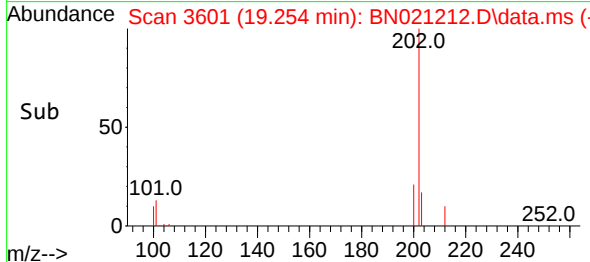
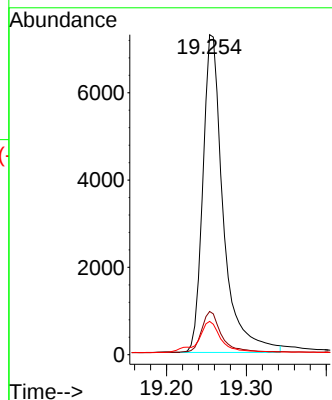
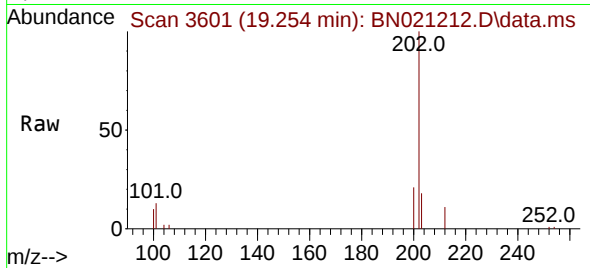




#19
Fluoranthene
Concen: 0.399 ng/u1
RT: 19.254 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

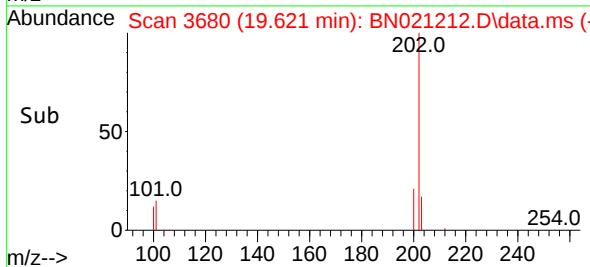
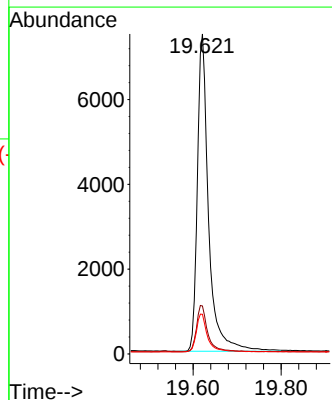
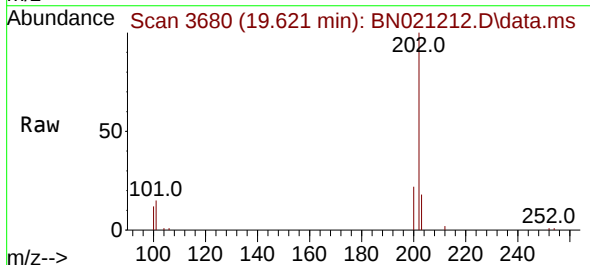
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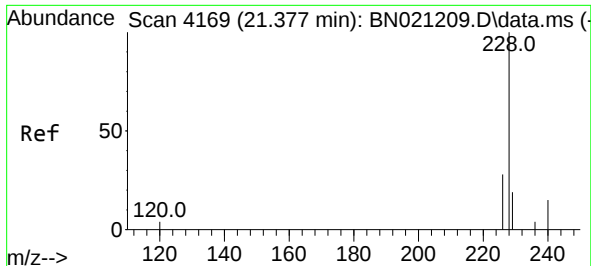
Tgt Ion:202 Resp: 12944
Ion Ratio Lower Upper
202 100
101 13.5 10.0 15.0
100 10.4 8.0 12.0



#20
Pyrene
Concen: 0.396 ng/u1
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:202 Resp: 13257
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.4 9.0 13.4

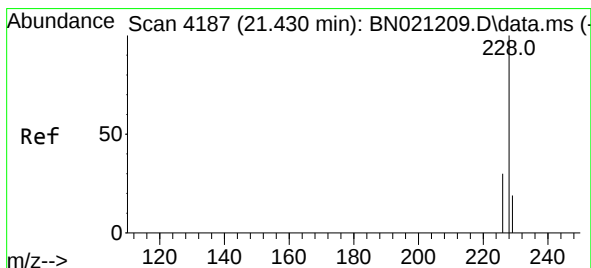
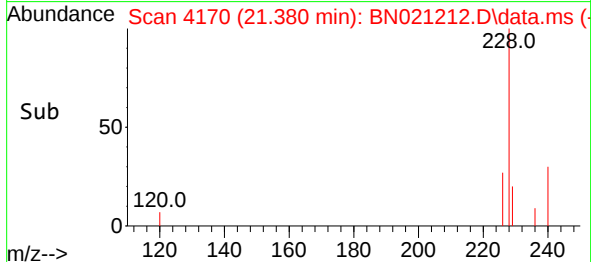
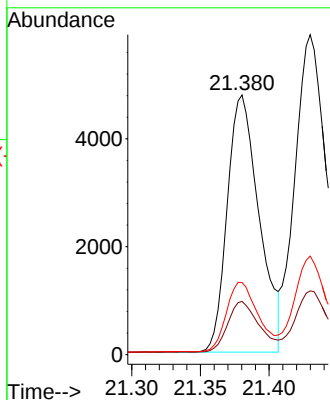
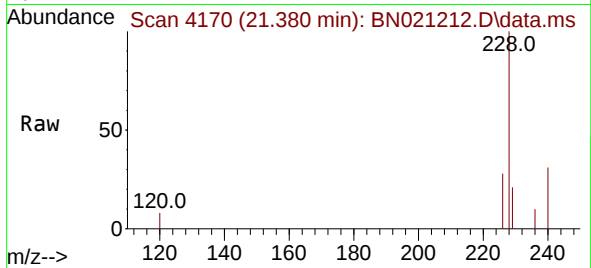




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.380 min Scan# 4169
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

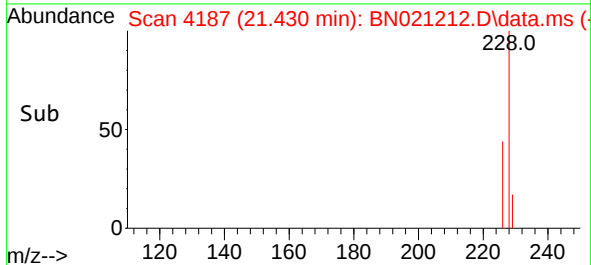
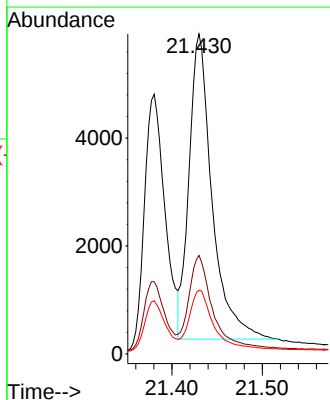
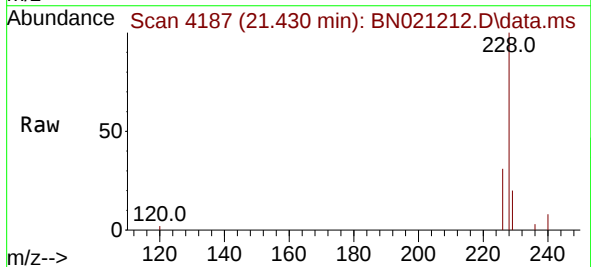
Instrument :
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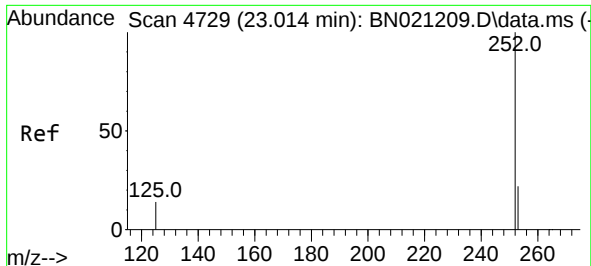
Tgt Ion:228 Resp: 7716
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

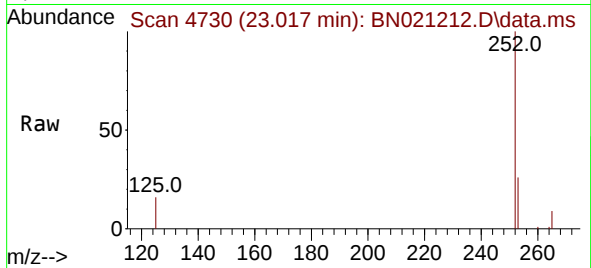
Tgt Ion:228 Resp: 10016
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.9 15.8 23.8



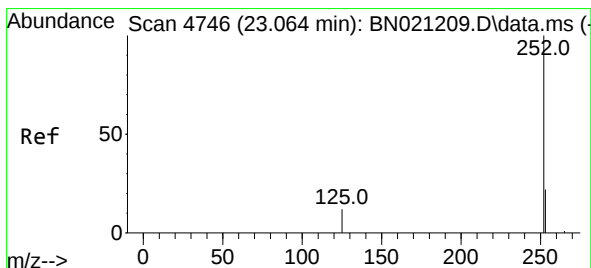
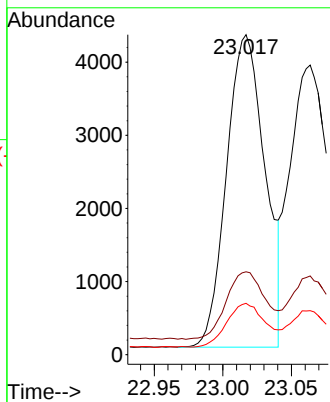
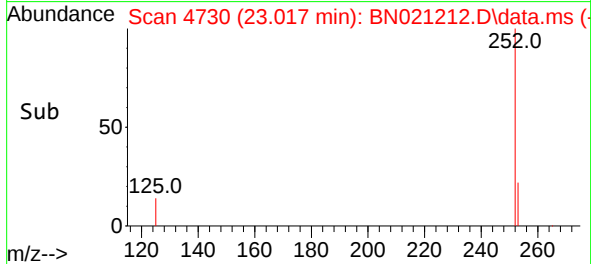


#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.017 min Scan# 4730
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Instrument :
BNA_N
ClientSampleId :
SLCS959

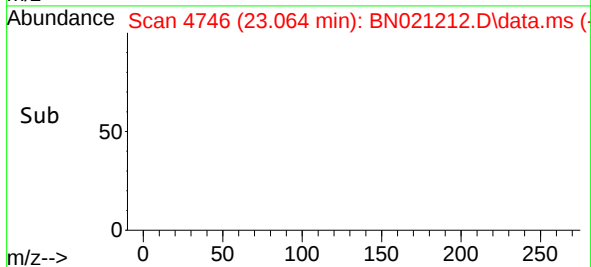
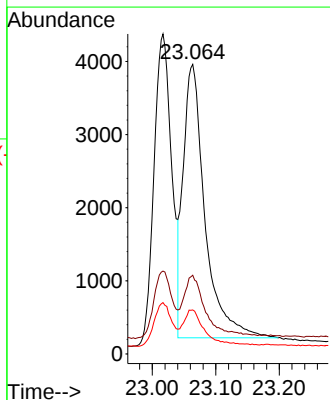
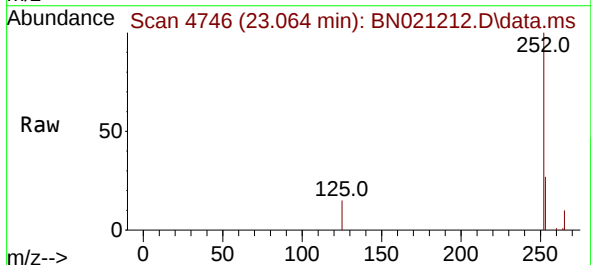


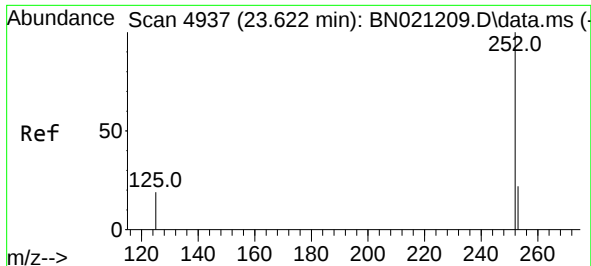
Tgt Ion:	252	Resp:	8327
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	50.8
125	16.1	0.0	30.0



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:	252	Resp:	8883
Ion Ratio	Lower	Upper	
252	100		
253	27.2	20.6	31.0
125	15.2	11.8	17.6

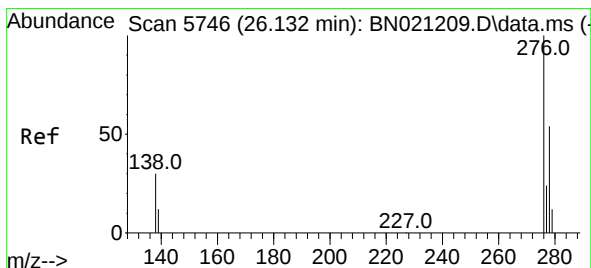
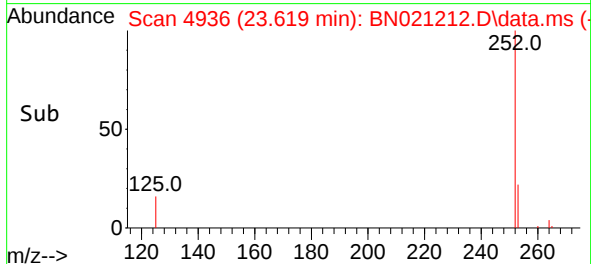
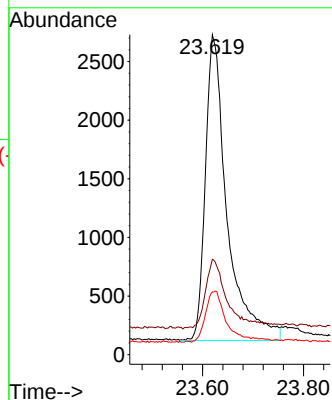
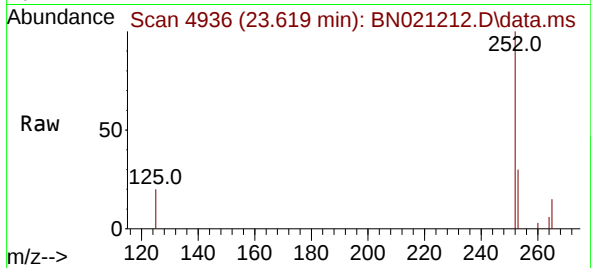




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.619 min Scan# 4936
Delta R.T. -0.003 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

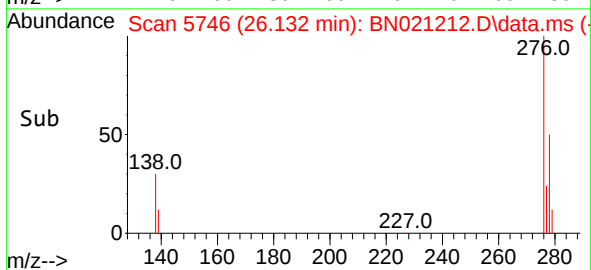
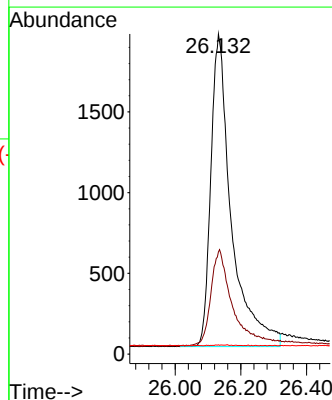
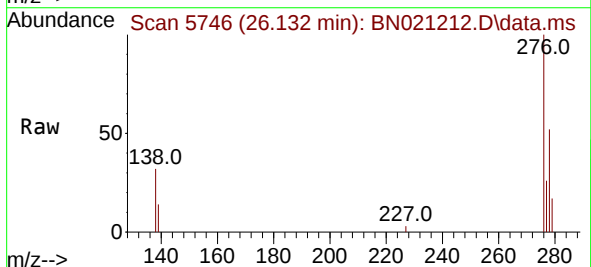
Instrument :
BNA_N
ClientSampleId :
SLCS959

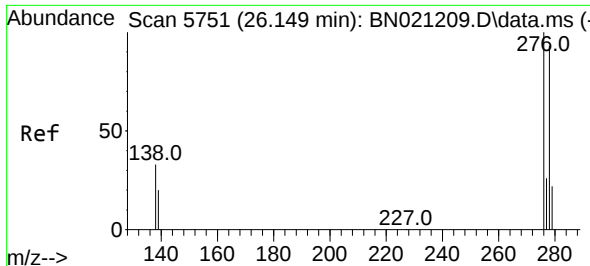
Tgt Ion:	252	Resp:	7789
Ion Ratio	Lower	Upper	
252	100		
253	29.8	22.1	33.1
125	19.6	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.003 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:	276	Resp:	8395
Ion Ratio	Lower	Upper	
276	100		
138	32.6	26.1	39.1
227	0.1	0.1	0.1

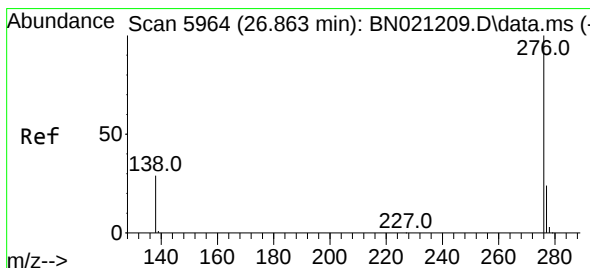
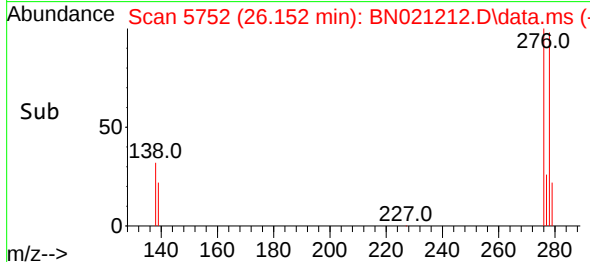
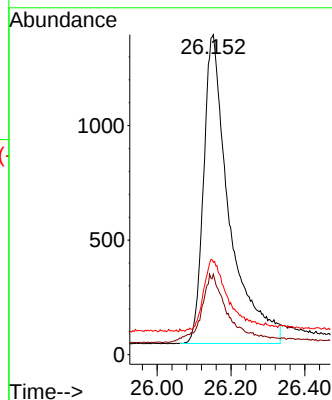
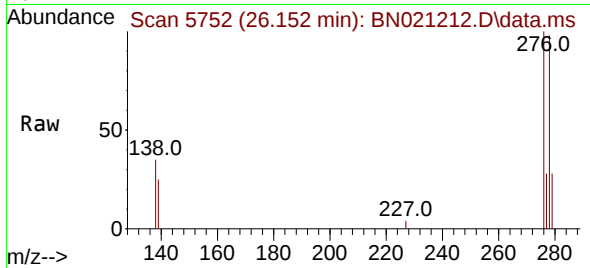




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.152 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Instrument :
BNA_N
ClientSampleId :
SLCS959

Tgt Ion:278 Resp: 6486
Ion Ratio Lower Upper
278 100
139 25.1 18.3 27.5
279 28.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.863 min Scan# 5964
Delta R.T. -0.007 min
Lab File: BN021212.D
Acq: 13 Aug 2022 15:08

Tgt Ion:276 Resp: 7930
Ion Ratio Lower Upper
276 100
138 29.1 22.6 34.0
277 26.1 20.2 30.2

